

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002088.D
 Acq On : 26 Mar 2020 16:09
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 27 04:09:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	166367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	299006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	129469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	37457	20.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.72%	
35) Dibromofluoromethane	7.74	113	33405	20.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.68%	
50) Toluene-d8	10.19	98	139441	20.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.24%	
62) 4-Bromofluorobenzene	12.49	95	48932	20.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32117	22.048	ug/l	98
3) Chloromethane	2.12	50	43549	21.531	ug/l	98
4) Vinyl Chloride	2.26	62	42409	20.616	ug/l	97
5) Bromomethane	2.65	94	26371	19.137	ug/l	98
6) Chloroethane	2.80	64	27177	20.769	ug/l	97
7) Trichlorofluoromethane	3.14	101	56913	20.215	ug/l	98
8) Diethyl Ether	3.55	74	23884	21.345	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36513	20.069	ug/l	98
10) Methyl Iodide	4.11	142	42837	20.388	ug/l	99
11) Tert butyl alcohol	4.99	59	22464	103.927	ug/l	96
12) 1,1-Dichloroethene	3.88	96	36599	19.985	ug/l	93
13) Acrolein	3.75	56	26240	100.948	ug/l	98
14) Allyl chloride	4.50	41	66647	20.328	ug/l	99
15) Acrylonitrile	5.19	53	62264	104.060	ug/l	99
16) Acetone	3.97	43	52530	102.267	ug/l	99
17) Carbon Disulfide	4.21	76	122589	19.941	ug/l	100
18) Methyl Acetate	4.50	43	27739	21.027	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	102901	20.608	ug/l	97
20) Methylene Chloride	4.74	84	51363	23.245	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	41879	20.058	ug/l	98
22) Diisopropyl ether	6.14	45	138727	20.619	ug/l	98
23) Vinyl Acetate	6.08	43	459655	104.492	ug/l	98
24) 1,1-Dichloroethane	6.04	63	71969	19.819	ug/l	98
25) 2-Butanone	7.01	43	82021	104.955	ug/l	98
26) 2,2-Dichloropropane	7.00	77	58912	19.723	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	45956	20.213	ug/l	99
28) Bromochloromethane	7.35	49	31747	19.154	ug/l	99
29) Tetrahydrofuran	7.36	42	53356	102.575	ug/l	99
30) Chloroform	7.53	83	67795	19.882	ug/l	98
31) Cyclohexane	7.80	56	77373	19.929	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	56070	19.537	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57170	20.040	ug/l	99
37) Ethyl Acetate	7.10	43	35704	21.593	ug/l	100
38) Carbon Tetrachloride	7.91	117	48387	19.799	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74396	19.628	ug/l	98
40) Benzene	8.17	78	170068	20.081	ug/l	100
41) Methacrylonitrile	7.36	41	47594	61.784	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	45774	20.949	ug/l	100
43) Isopropyl Acetate	8.28	43	65761	20.926	ug/l	99
44) Trichloroethene	8.95	130	41045	19.877	ug/l	93
45) 1,2-Dichloropropane	9.23	63	43644	20.456	ug/l	96
46) Dibromomethane	9.31	93	22529	20.491	ug/l	99
47) Bromodichloromethane	9.50	83	51591	20.150	ug/l	97
48) Methyl methacrylate	9.30	41	30140	21.774	ug/l	97
49) 1,4-Dioxane	9.31	88	6072	404.665	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	172838	106.835	ug/l	100
52) Toluene	10.25	92	102988	20.030	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	57158	20.510	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	66491	20.041	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	33407	20.723	ug/l	98
56) Ethyl methacrylate	10.52	69	48902	20.853	ug/l	98
57) 1,3-Dichloropropane	10.80	76	59437	20.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	129414	129.433	ug/l	99
59) 2-Hexanone	10.84	43	121475	105.468	ug/l	100
60) Dibromochloromethane	10.99	129	34073	20.152	ug/l	98
61) 1,2-Dibromoethane	11.10	107	30911	20.295	ug/l	97
64) Tetrachloroethene	10.72	164	34176	20.199	ug/l	97
65) Chlorobenzene	11.52	112	106329	19.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	35369	20.153	ug/l	99
67) Ethyl Benzene	11.60	91	198089	19.846	ug/l	99
68) m/p-Xylenes	11.70	106	146251	39.702	ug/l	100
69) o-Xylene	12.03	106	69486	19.994	ug/l	99
70) Styrene	12.05	104	119541	20.069	ug/l	98
71) Bromoform	12.21	173	19418	20.437	ug/l #	98
73) Isopropylbenzene	12.33	105	185792	18.855	ug/l	100
74) N-amyl acetate	12.15	43	60547	20.006	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	40420	19.077	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	54032	34.817	ug/l #	100
77) Bromobenzene	12.61	156	40057	19.111	ug/l	99
78) n-propylbenzene	12.67	91	232973	19.142	ug/l	100
79) 2-Chlorotoluene	12.76	91	125879	18.727	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	154593	19.009	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	14822	19.592	ug/l	96
82) 4-Chlorotoluene	12.86	91	135176	19.288	ug/l	99
83) tert-Butylbenzene	13.08	119	126804	18.717	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	155728	19.316	ug/l	98
85) sec-Butylbenzene	13.26	105	189536	19.029	ug/l	100
86) p-Isopropyltoluene	13.38	119	166796	19.403	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	80198	19.580	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	79357	19.113	ug/l	98
89) n-Butylbenzene	13.70	91	173061	19.396	ug/l	99
90) Hexachloroethane	13.97	117	30663	18.913	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	72187	19.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6776	20.456	ug/l	93

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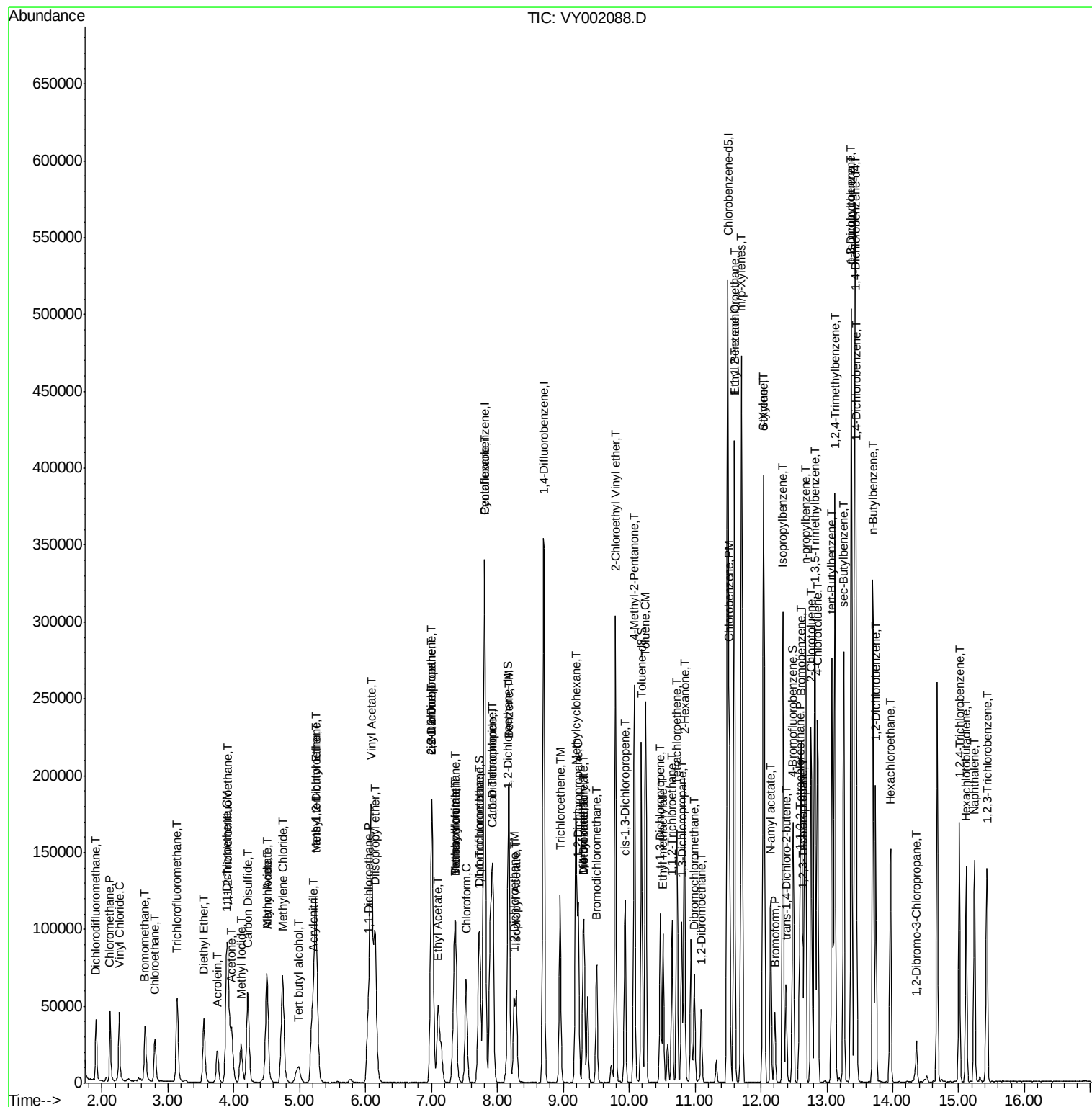
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	46797	19.413	ug/l	100
94) Hexachlorobutadiene	15.12	225	23309	19.713	ug/l	99
95) Naphthalene	15.24	128	111275	19.458	ug/l	98
96) 1,2,3-Trichlorobenzene	15.43	180	42315	19.835	ug/l	99

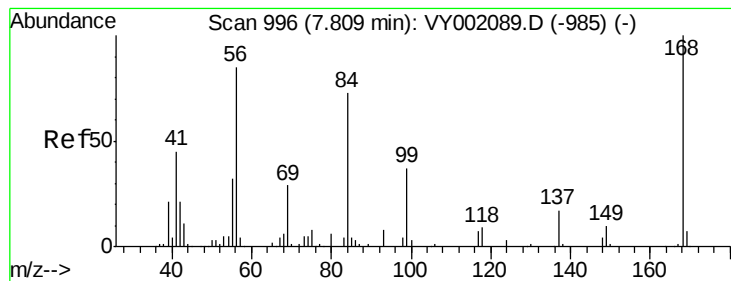
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

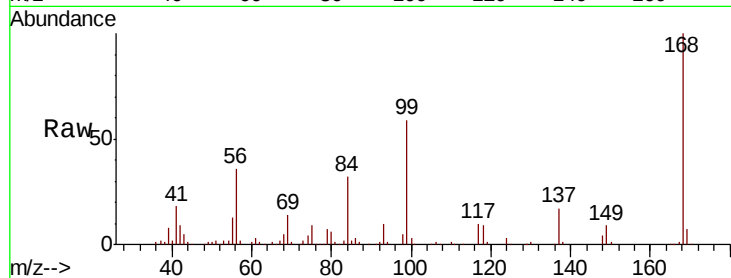
ClientSampleId :

Tot Ion:168 Resp: 166367

Ion Ratio Lower Upper

168 100

99 58.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.81

80000

60000

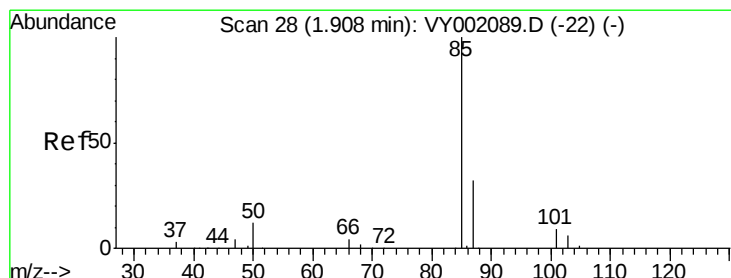
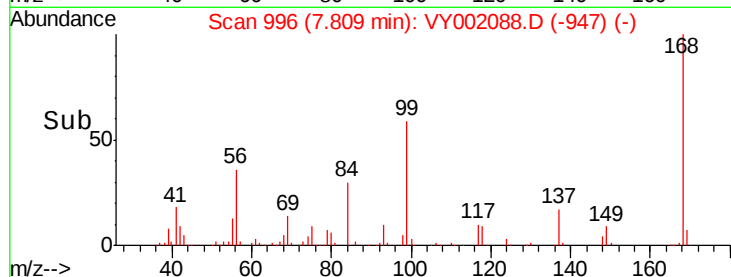
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.048 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002088.D

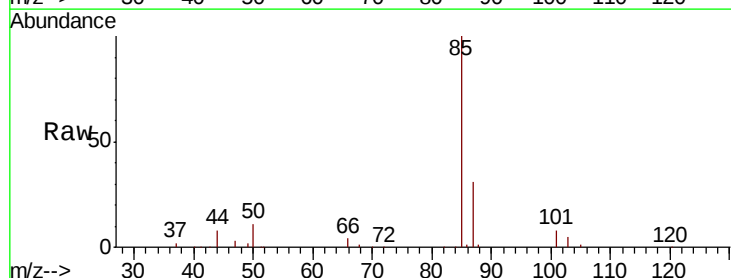
Acq: 26 Mar 2020 16:09

Tgt Ion: 85 Resp: 32117

Ion Ratio Lower Upper

85 100

87 31.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)

1.91

25000

20000

15000

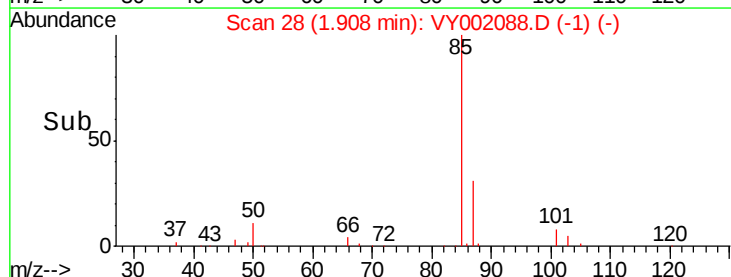
10000

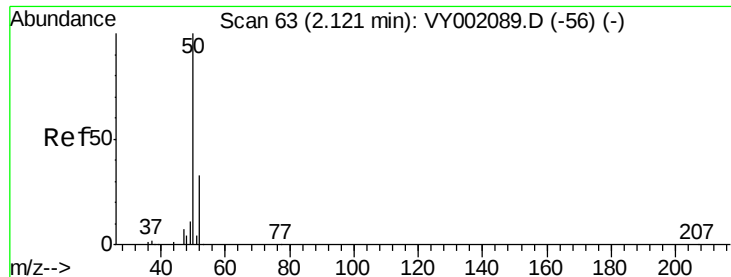
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.531 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

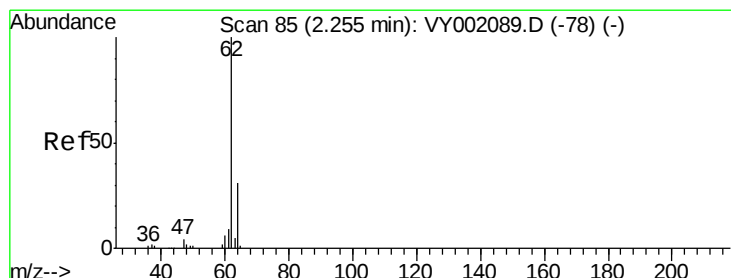
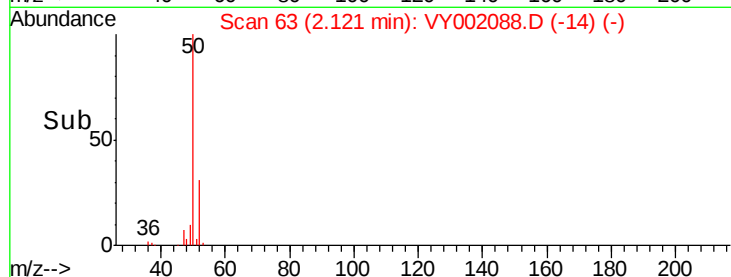
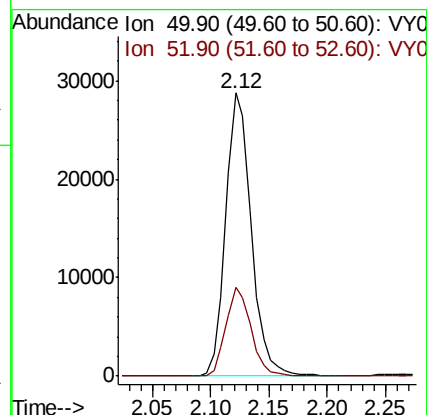
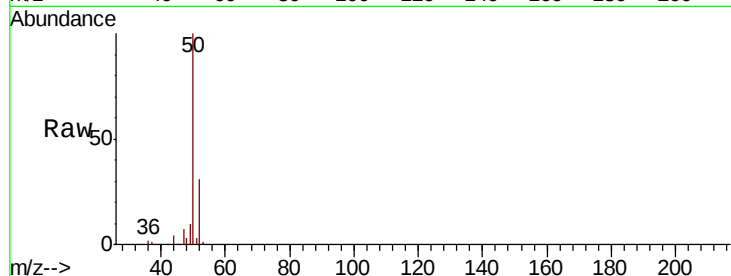
ClientSampleId :

Tot Ion: 50 Resp: 43549

Ion Ratio Lower Upper

50 100

52 31.3 26.1 39.1



#4

Vinyl Chloride

Concen: 20.616 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002088.D

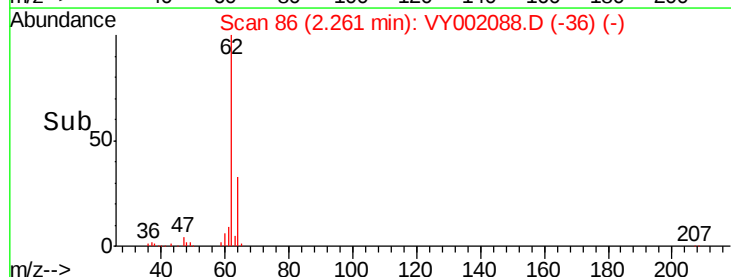
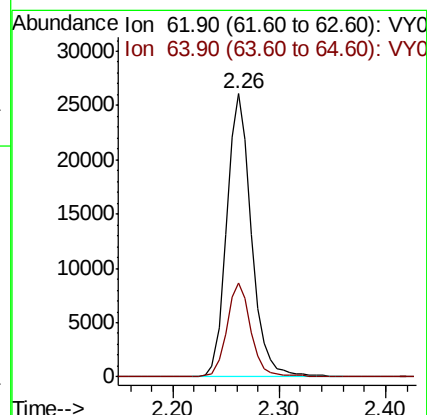
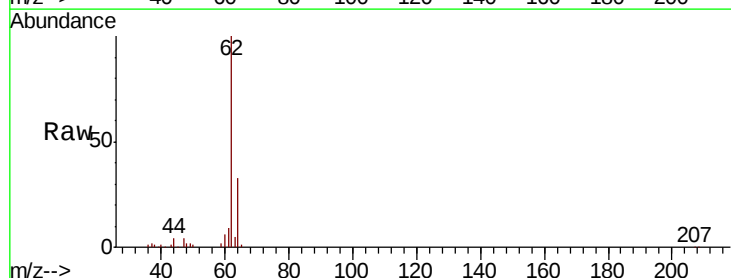
Acq: 26 Mar 2020 16:09

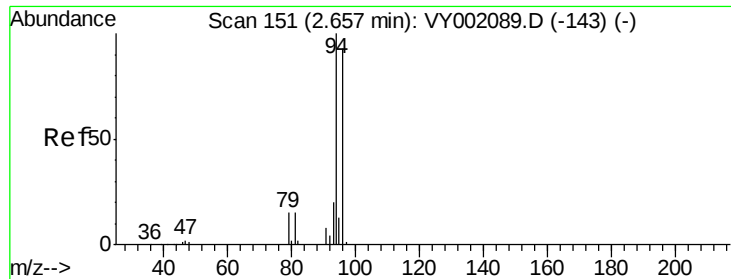
Tgt Ion: 62 Resp: 42409

Ion Ratio Lower Upper

62 100

64 33.0 25.2 37.8





#5

Bromomethane

Concen: 19.137 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

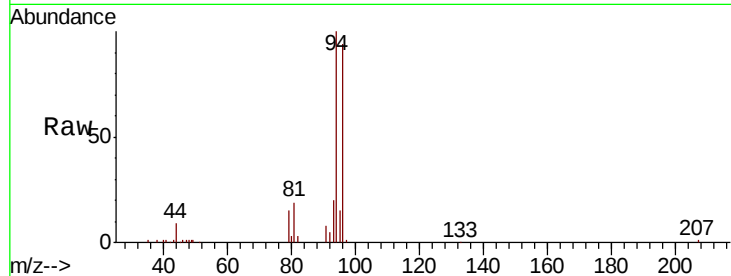
ClientSampled :

Tot Ion: 94 Resp: 26371

Ion Ratio Lower Upper

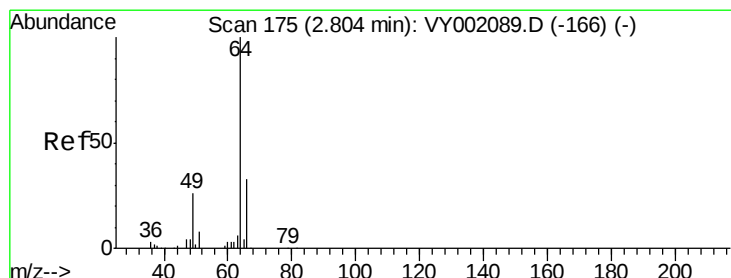
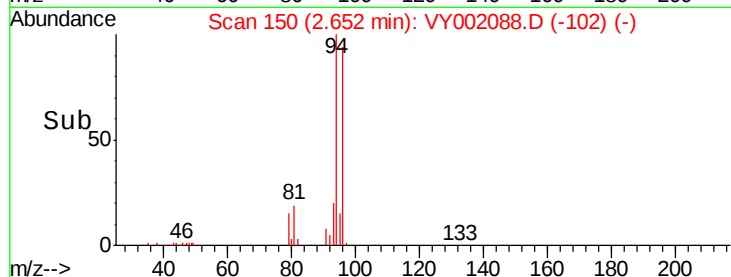
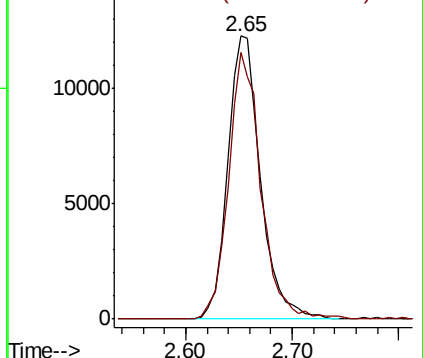
94 100

96 94.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.769 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002088.D

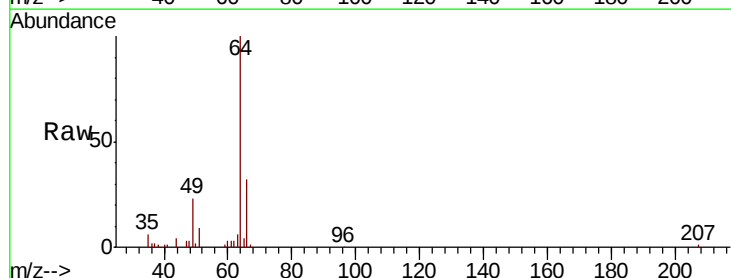
Acq: 26 Mar 2020 16:09

Tgt Ion: 64 Resp: 27177

Ion Ratio Lower Upper

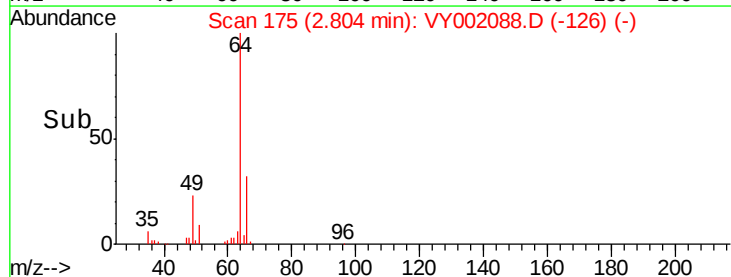
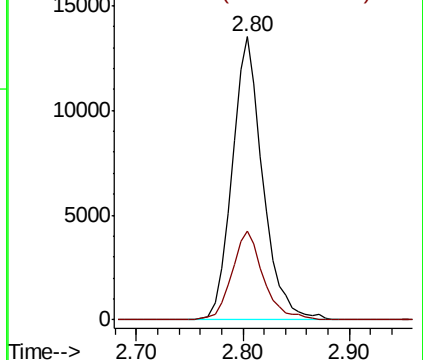
64 100

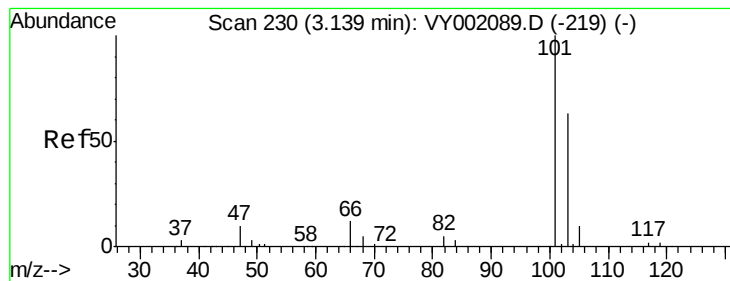
66 31.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



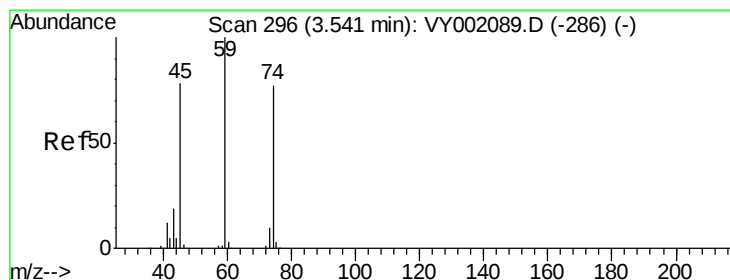
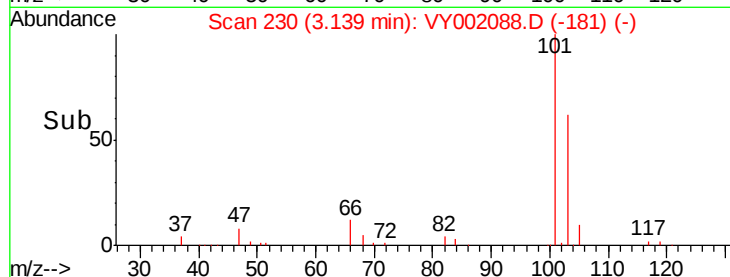
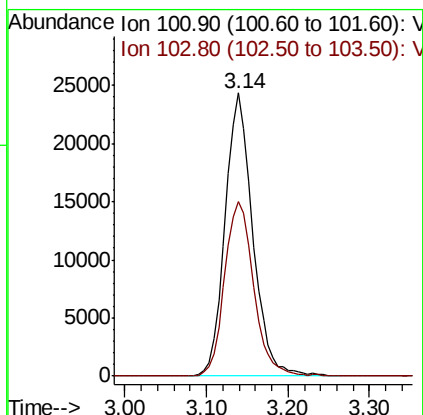
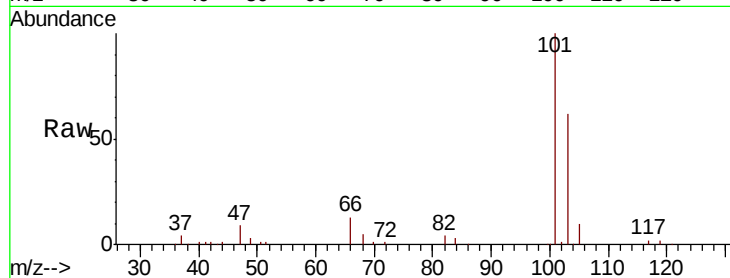


#7

Trichlorofluoromethane
 Concen: 20.215 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Instrument :
 MSVOA_Y
 ClientSampled :

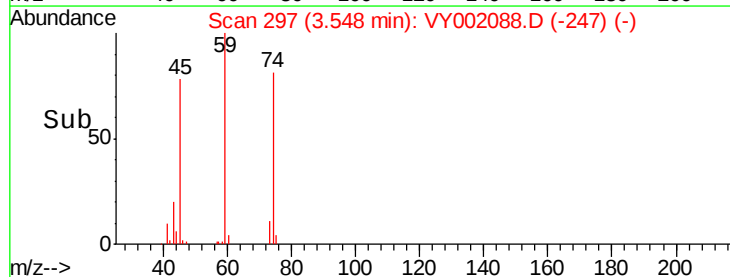
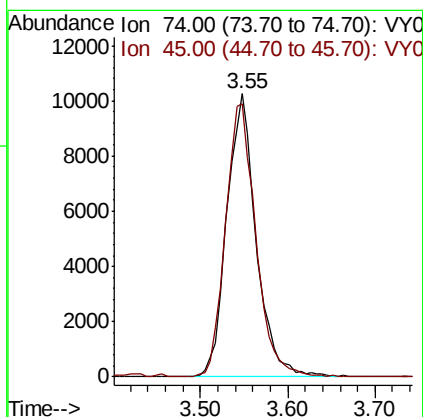
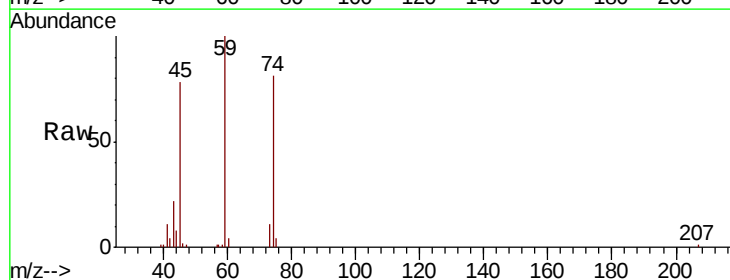
Tot Ion:101 Resp: 56913
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.6 76.0

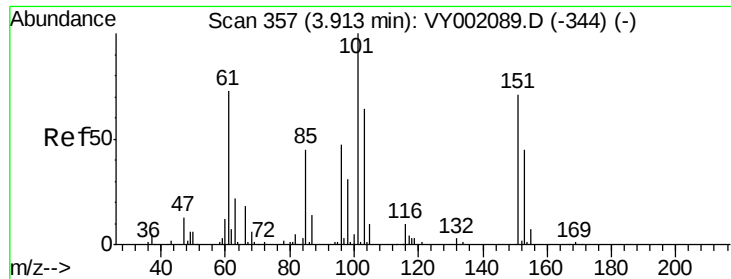


#8

Diethyl Ether
 Concen: 21.345 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Tgt Ion: 74 Resp: 23884
 Ion Ratio Lower Upper
 74 100
 45 100.0 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.069 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

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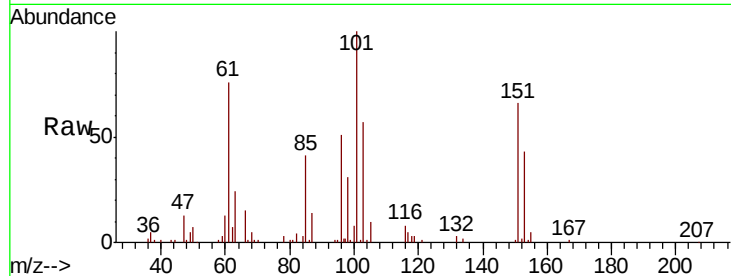
Tot Ion:101 Resp: 36513

Ion Ratio Lower Upper

101 100

85 45.6 35.9 53.9

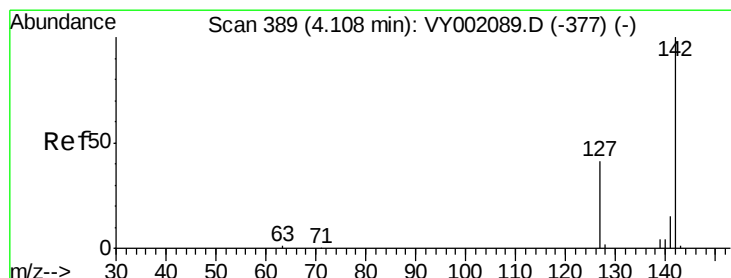
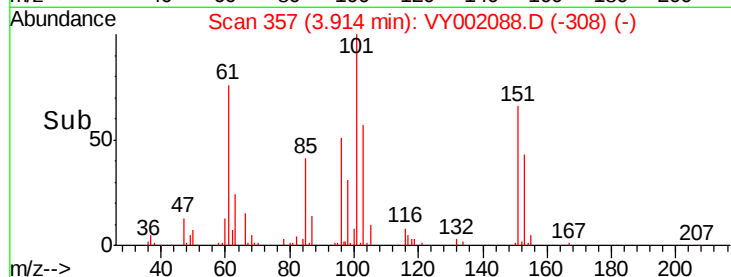
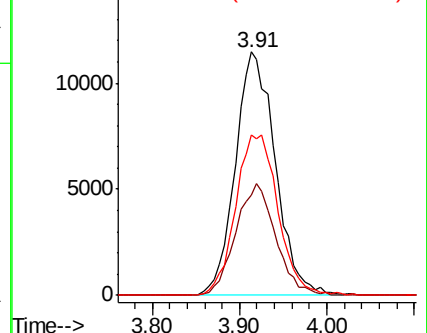
151 69.9 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.388 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

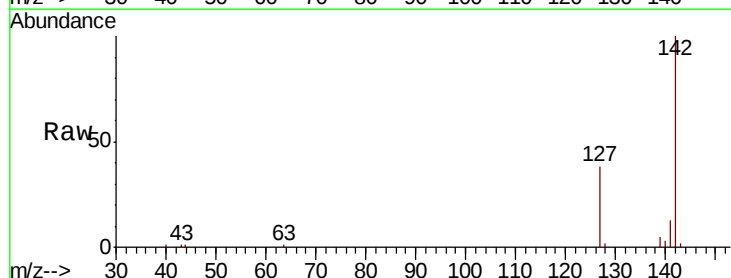
Tgt Ion:142 Resp: 42837

Ion Ratio Lower Upper

142 100

127 41.6 32.6 49.0

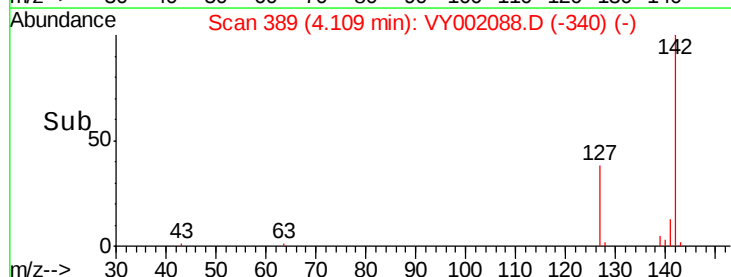
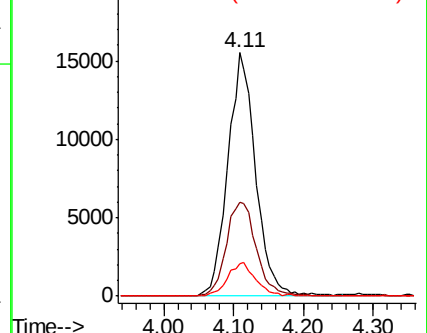
141 13.6 11.4 17.0

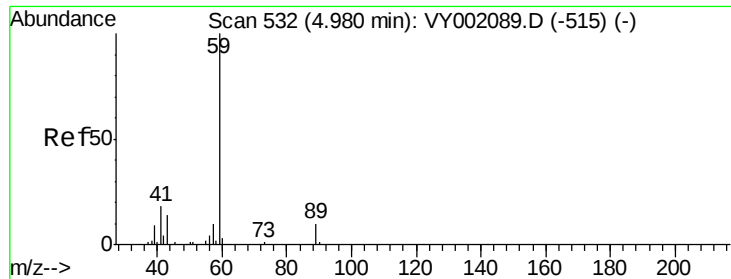


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



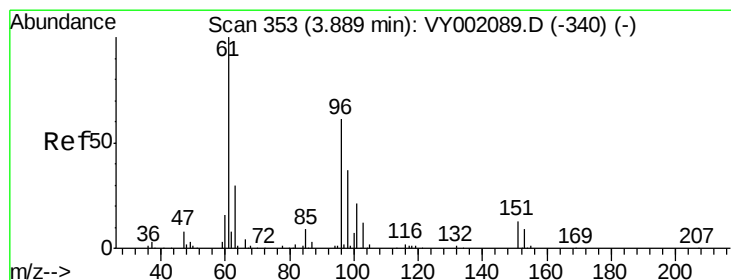
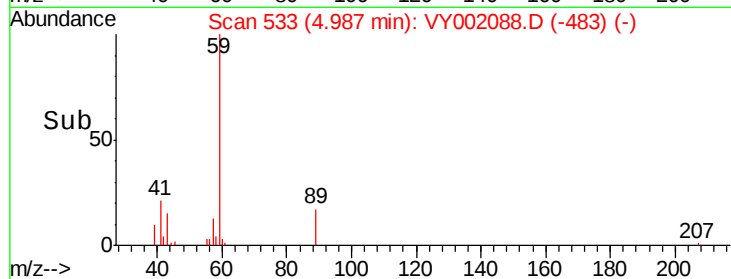
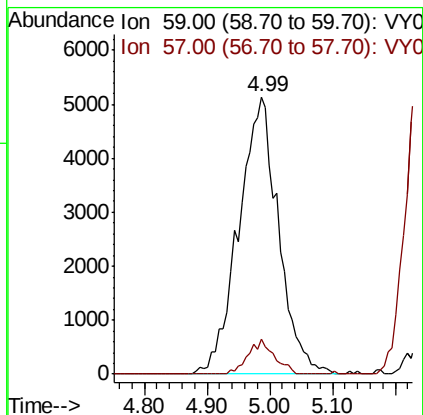
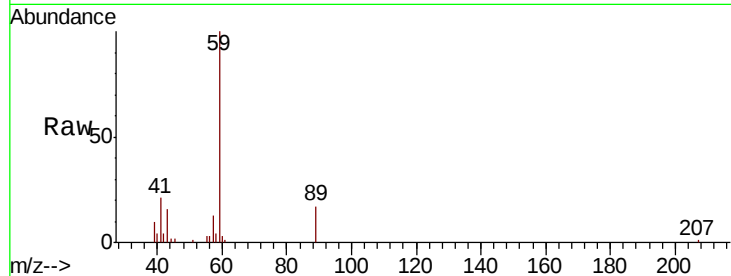


#11

Tert butyl alcohol
 Concen: 103.927 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :

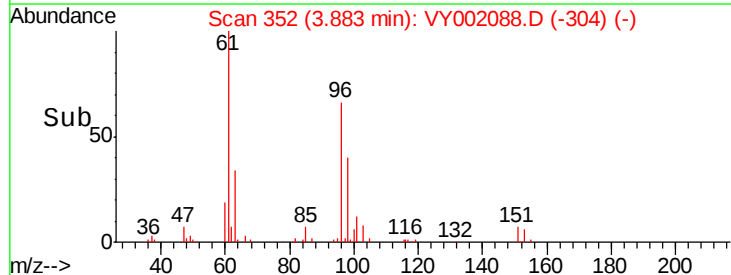
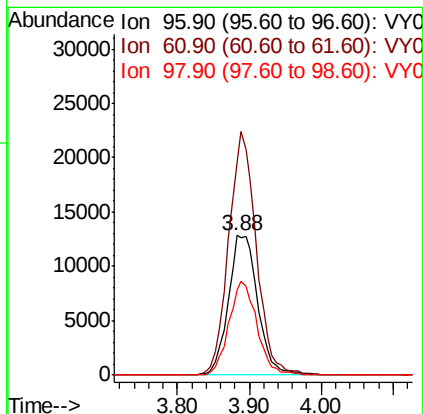
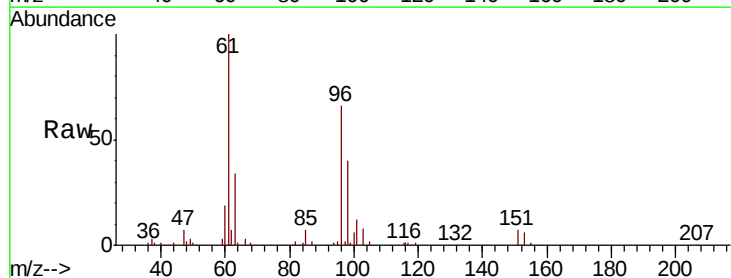
Tot Ion: 59 Resp: 22464
 Ion Ratio Lower Upper
 59 100
 57 8.3 7.7 11.5

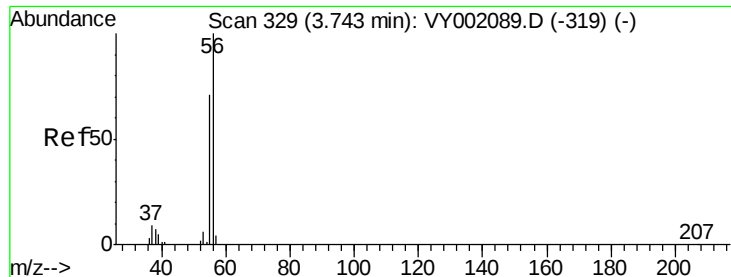


#12

1,1-Dichloroethene
 Concen: 19.985 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Tgt Ion: 96 Resp: 36599
 Ion Ratio Lower Upper
 96 100
 61 152.4 132.0 198.0
 98 60.5 49.4 74.0





#13

Acrolein

Concen: 100.948 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

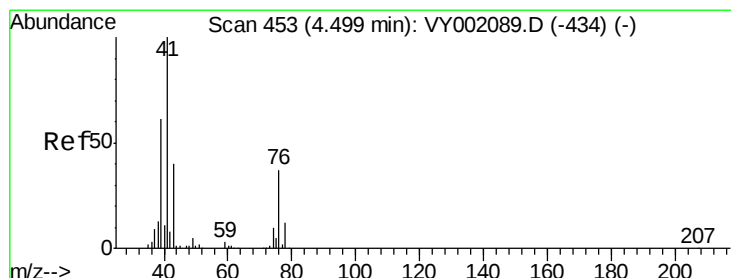
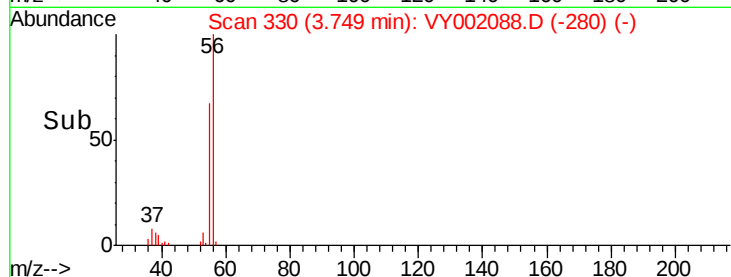
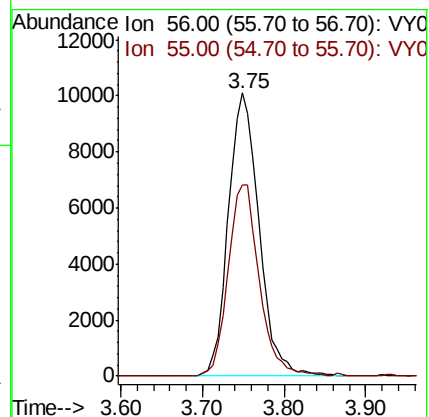
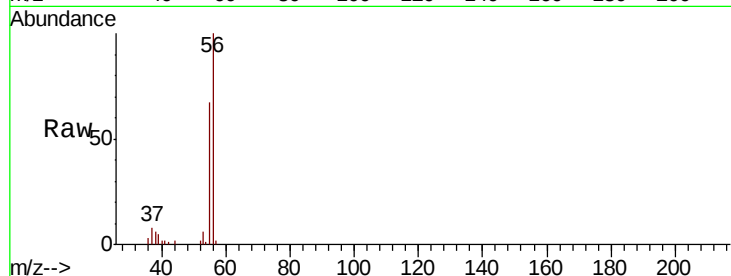
ClientSampleId :

Tot Ion: 56 Resp: 26240

Ion Ratio Lower Upper

56 100

55 68.7 56.5 84.7



#14

Allyl chloride

Concen: 20.328 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

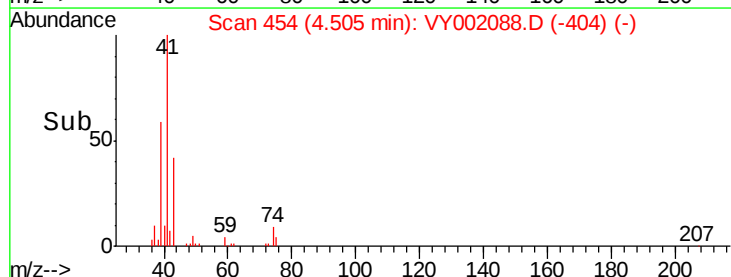
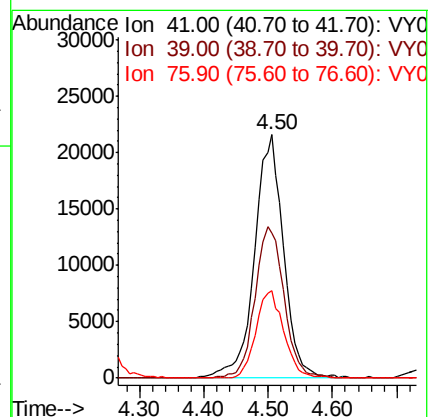
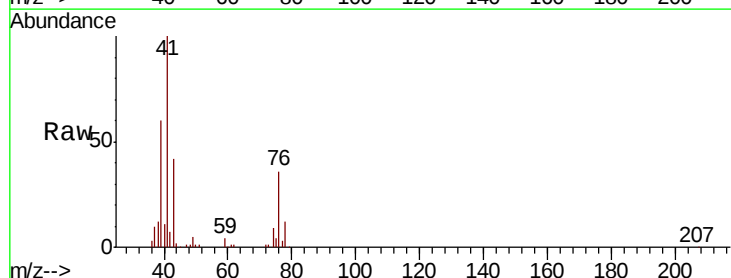
Tgt Ion: 41 Resp: 66647

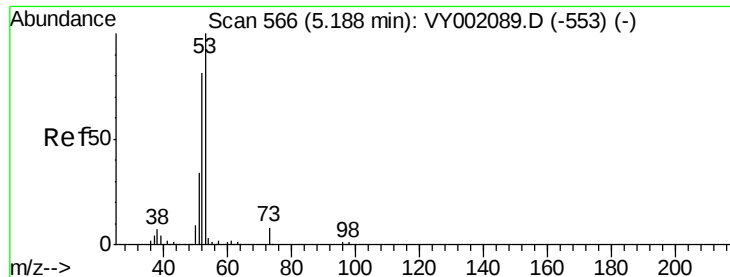
Ion Ratio Lower Upper

41 100

39 62.4 49.0 73.4

76 34.4 27.8 41.8





#15

Acrylonitrile

Concen: 104.060 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

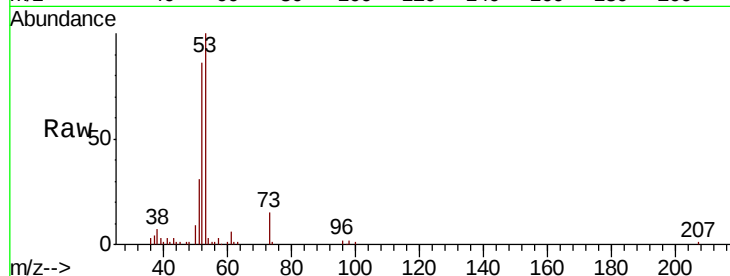
Tot Ion: 53 Resp: 62264

Ion Ratio Lower Upper

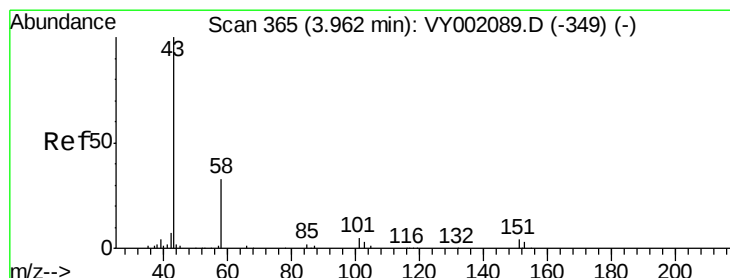
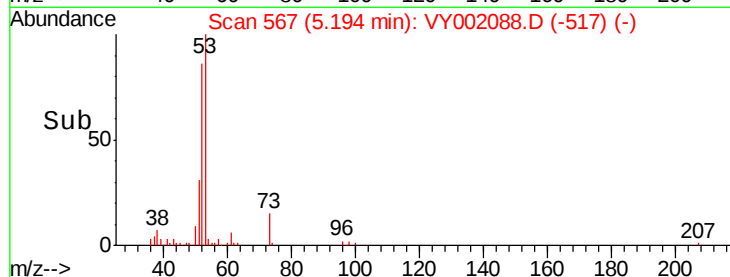
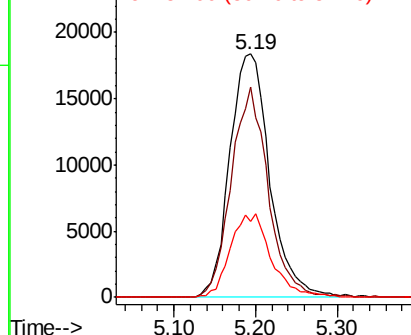
53 100

52 79.8 64.6 97.0

51 34.8 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 102.267 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002088.D

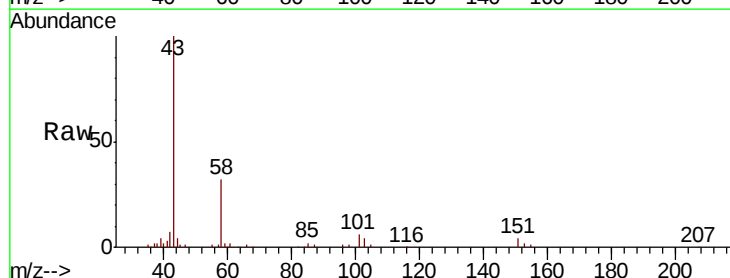
Acq: 26 Mar 2020 16:09

Tgt Ion: 43 Resp: 52530

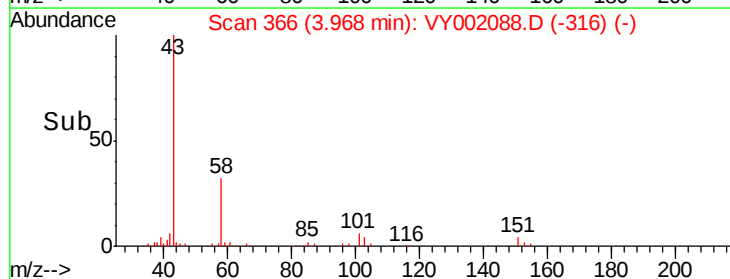
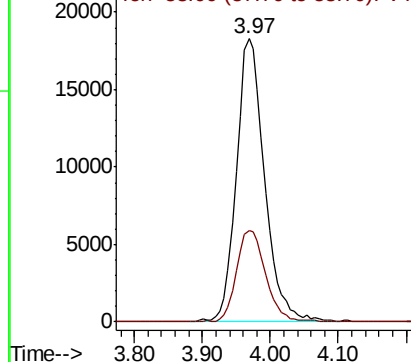
Ion Ratio Lower Upper

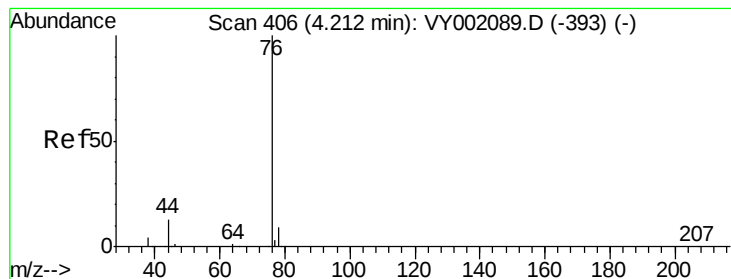
43 100

58 32.1 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.941 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

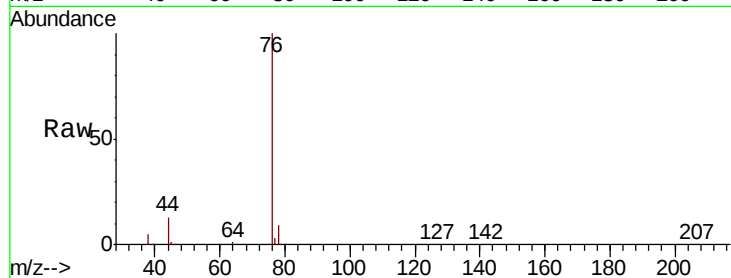
ClientSampleId :

Tot Ion: 76 Resp: 122589

Ion Ratio Lower Upper

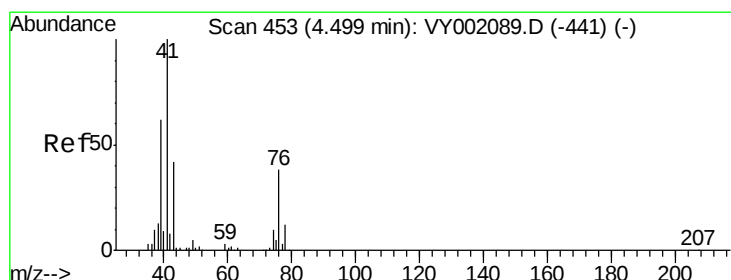
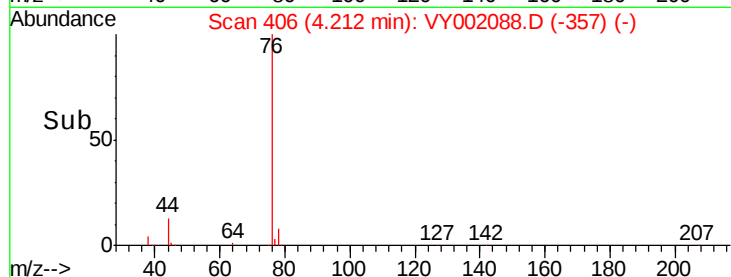
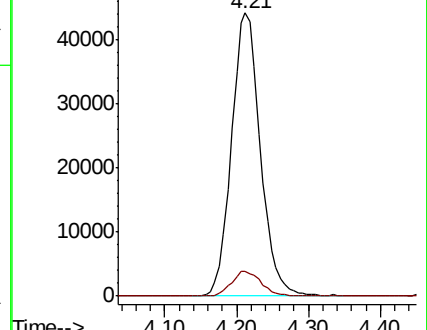
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002089.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002089.D (-393) (-)



#18

Methyl Acetate

Concen: 21.027 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002088.D

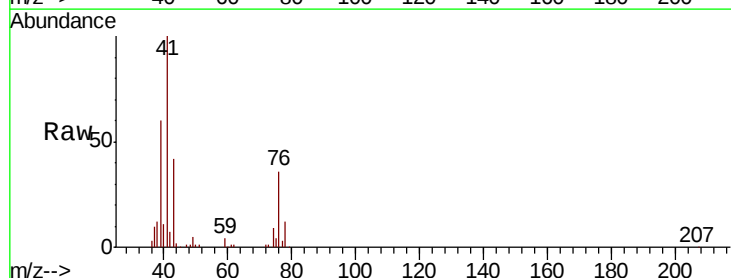
Acq: 26 Mar 2020 16:09

Tgt Ion: 43 Resp: 27739

Ion Ratio Lower Upper

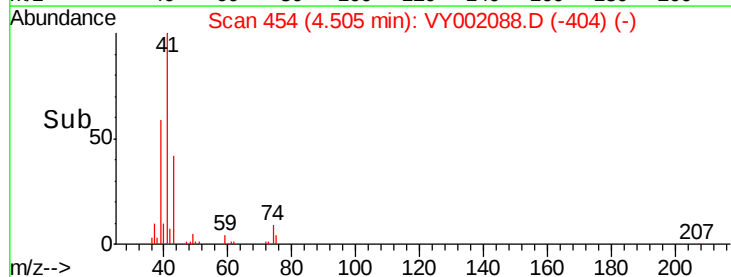
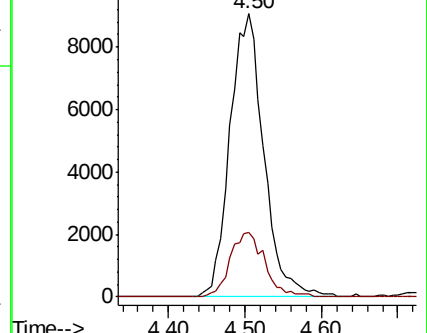
43 100

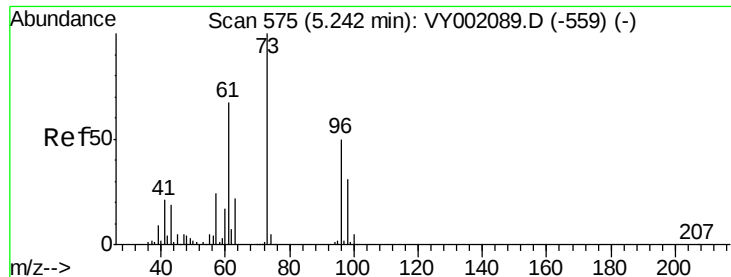
74 23.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-441) (-)

Ion 74.00 (73.70 to 74.70): VY002089.D (-441) (-)

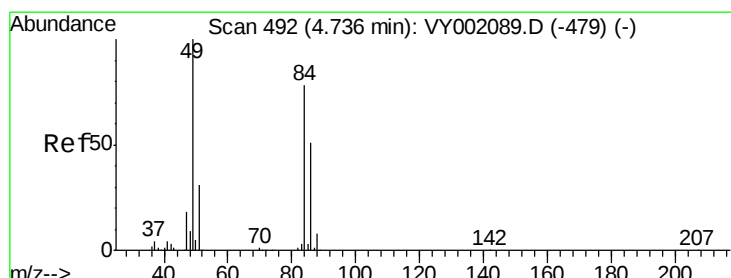
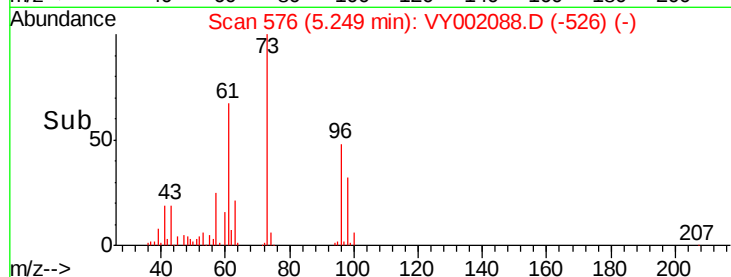
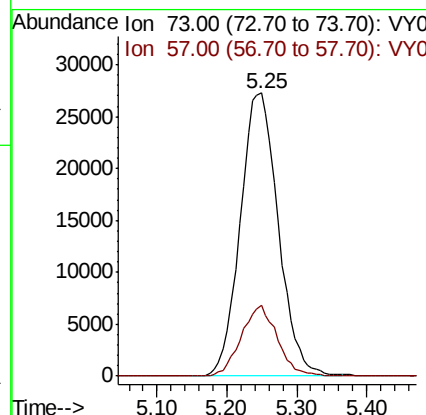
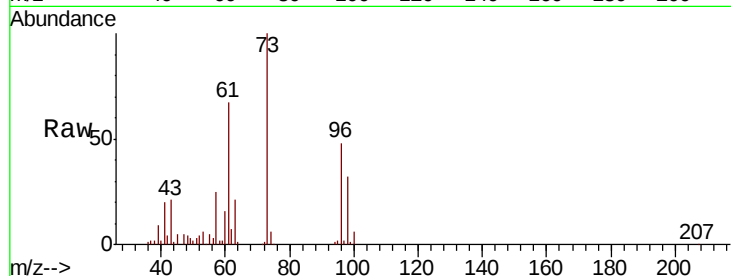




#19
Methyl tert-butyl Ether
Concen: 20.608 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

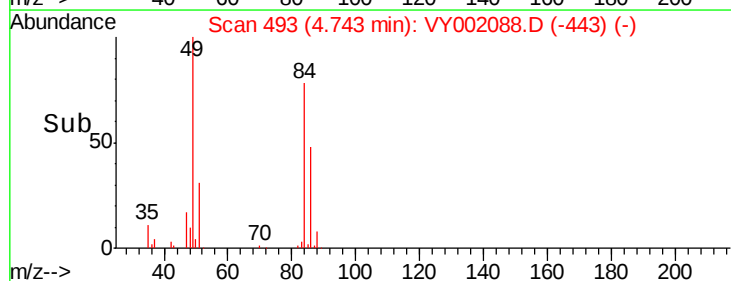
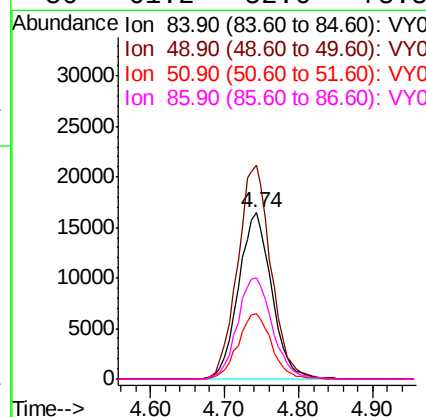
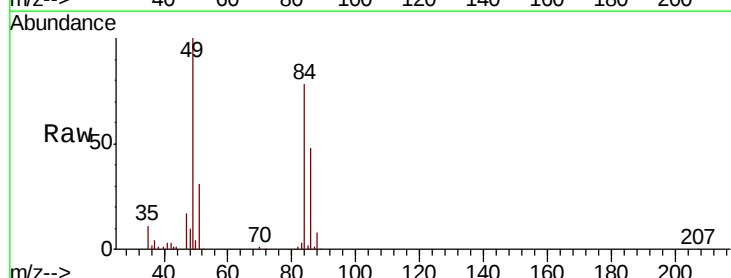
Instrument :
MSVOA_Y
ClientSampleId :

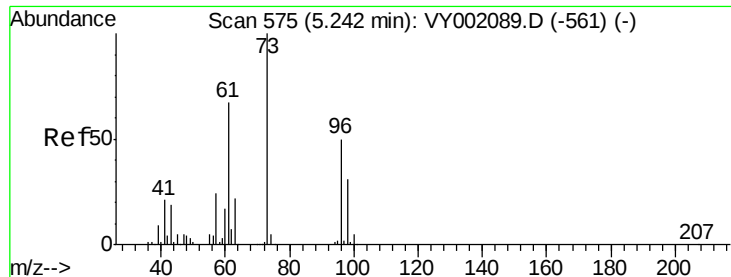
Tot Ion: 73 Resp: 102901
Ion Ratio Lower Upper
73 100
57 25.0 19.0 28.6



#20
Methylene Chloride
Concen: 23.245 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion: 84 Resp: 51363
Ion Ratio Lower Upper
84 100
49 128.5 102.2 153.4
51 39.5 31.2 46.8
86 61.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.058 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampled :

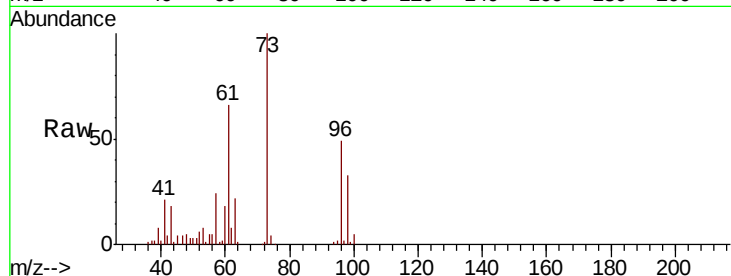
Tot Ion: 96 Resp: 41879

Ion Ratio Lower Upper

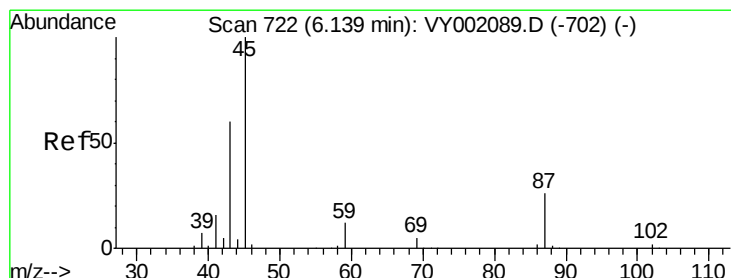
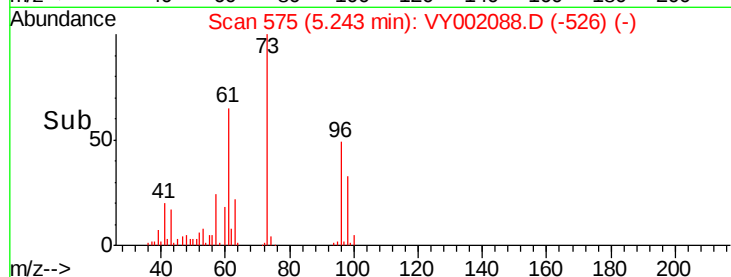
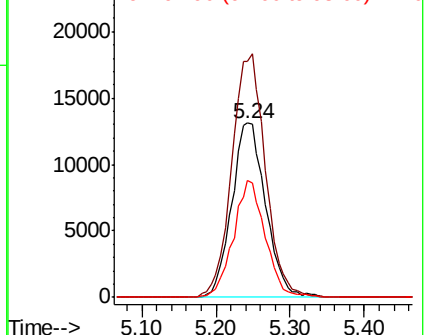
96 100

61 135.2 107.7 161.5

98 67.3 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.619 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Tgt Ion: 45 Resp: 138727

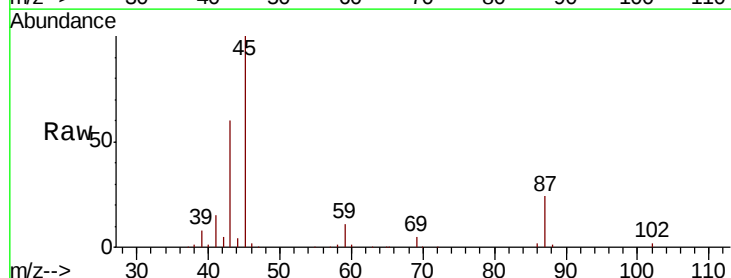
Ion Ratio Lower Upper

45 100

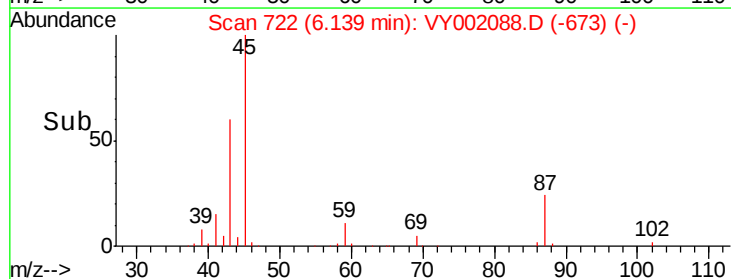
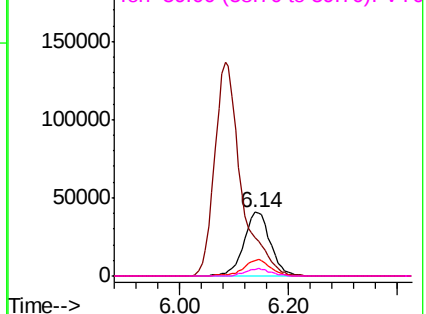
43 60.1 48.1 72.1

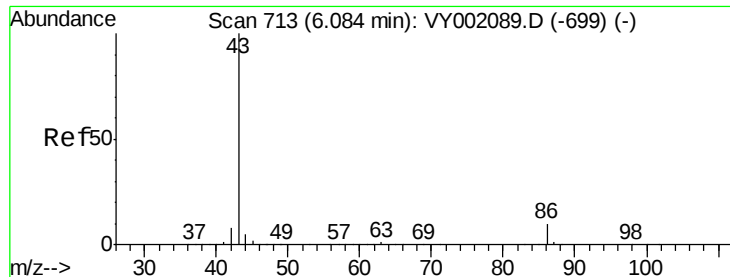
87 23.8 21.1 31.7

59 10.8 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 104.492 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

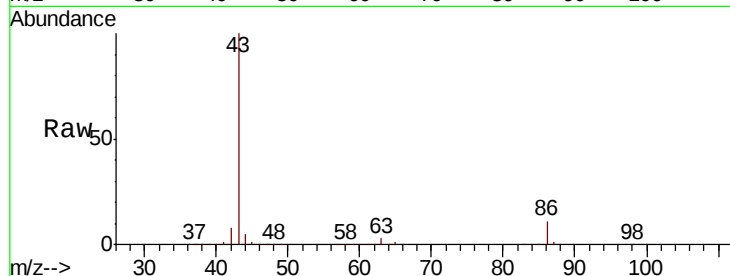
ClientSampled :

Tot Ion: 43 Resp: 459655

Ion Ratio Lower Upper

43 100

86 10.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY002088.D (-699) (-)

Ion 86.00 (85.70 to 86.70): VY002088.D (-699) (-)

6.08

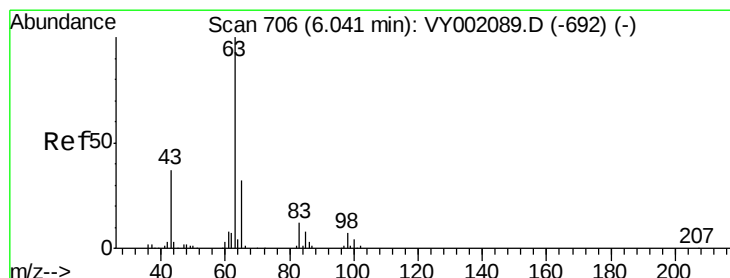
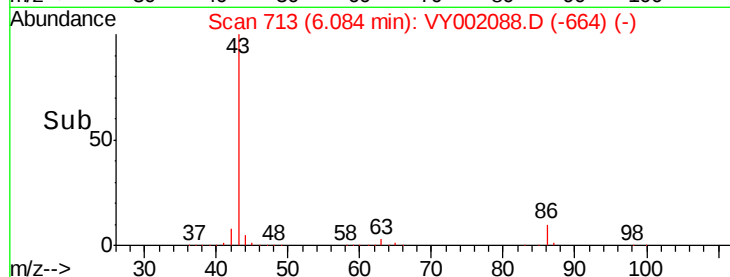
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.819 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

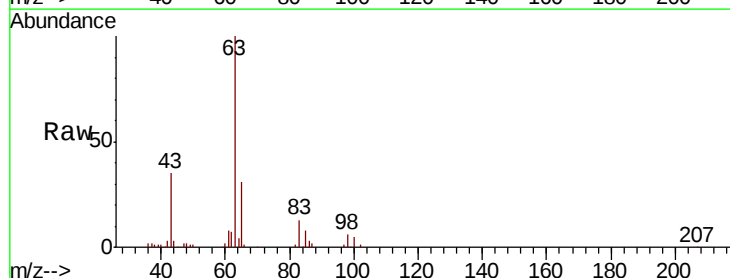
Tgt Ion: 63 Resp: 71969

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 5.3 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY002088.D (-692) (-)

Ion 97.90 (97.60 to 98.60): VY002088.D (-692) (-)

Ion 99.90 (99.60 to 100.60): VY002088.D (-692) (-)

6.04

30000

25000

20000

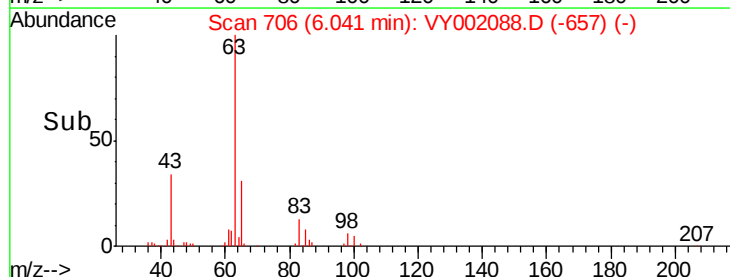
15000

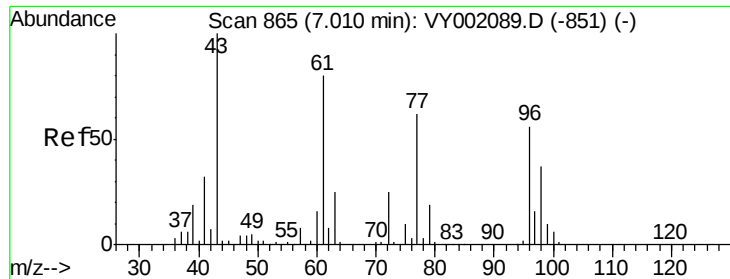
10000

5000

0

Time-->

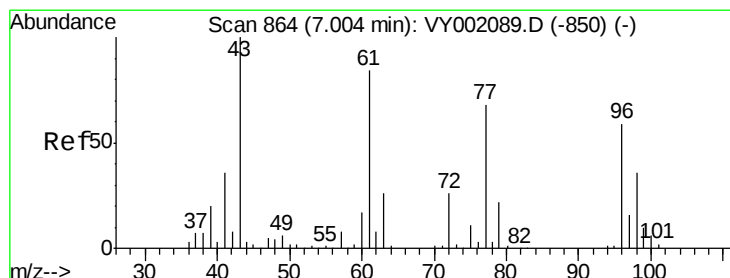
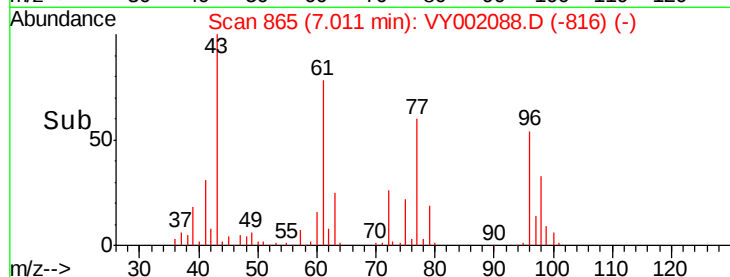
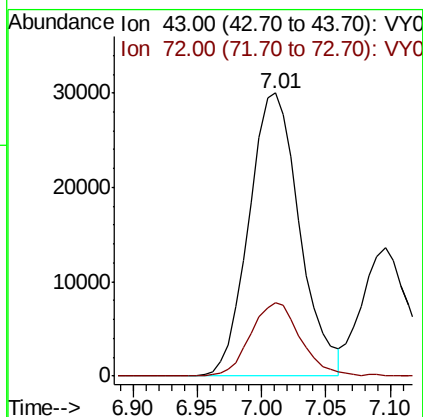
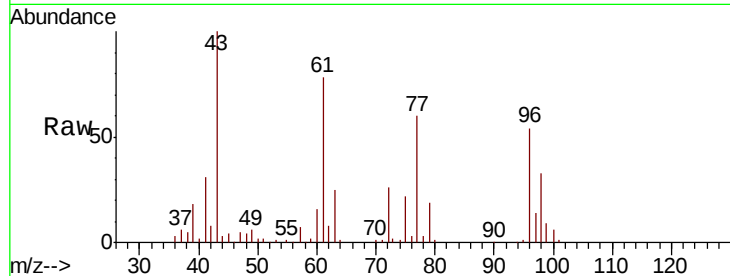




#25
2-Butanone
Concen: 104.955 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

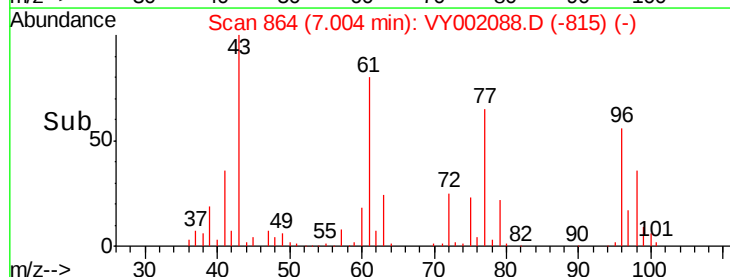
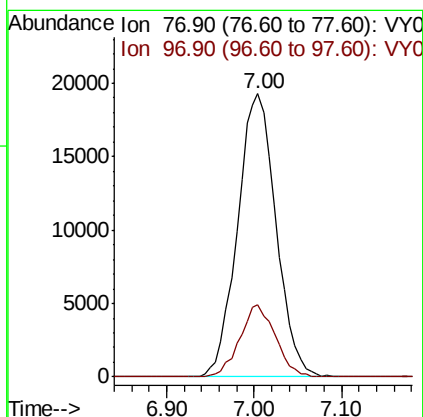
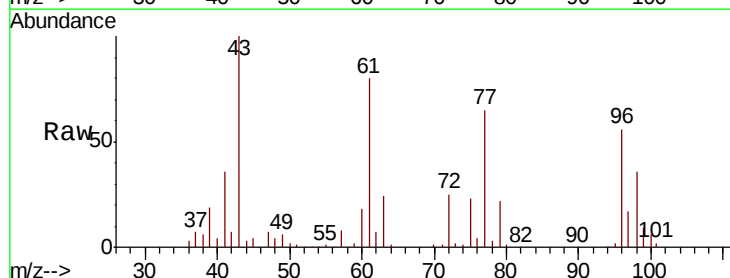
Instrument :
MSVOA_Y
ClientSampled :

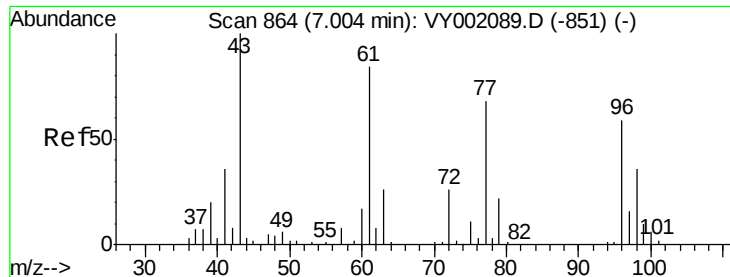
Tot Ion: 43 Resp: 82021
Ion Ratio Lower Upper
43 100
72 26.2 20.2 30.2



#26
2,2-Dichloropropane
Concen: 19.723 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion: 77 Resp: 58912
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.1



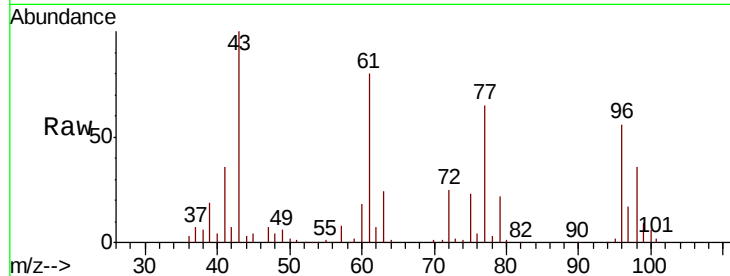


#27

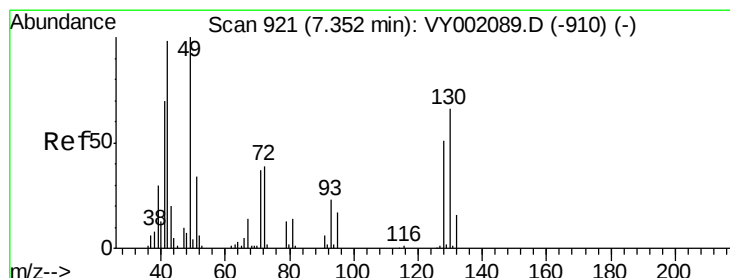
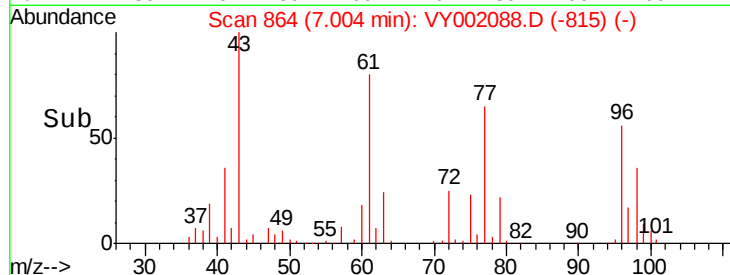
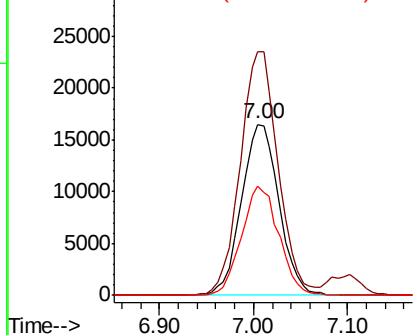
cis-1,2-Dichloroethene
Concen: 20.213 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 45956
Ion Ratio Lower Upper
96 100
61 143.6 0.0 290.6
98 63.8 0.0 128.0



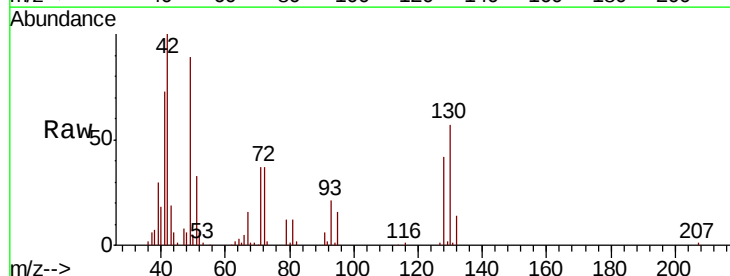
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



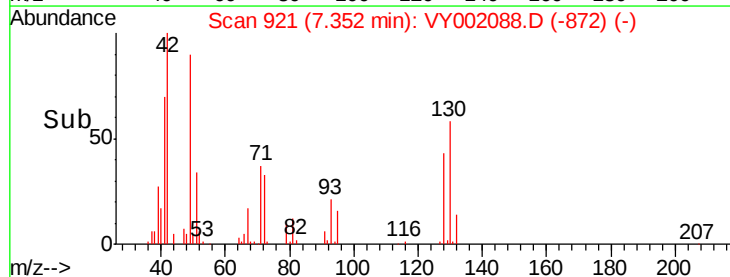
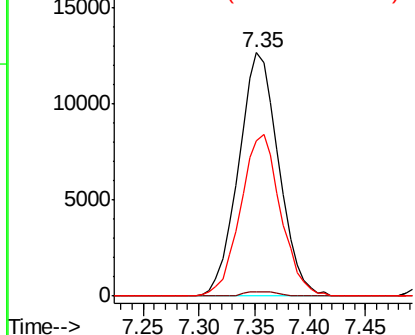
#28

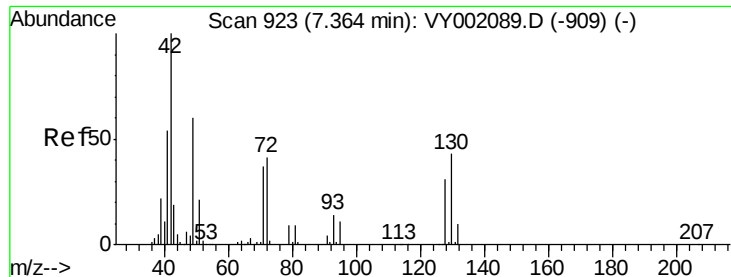
Bromochloromethane
Concen: 19.154 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion: 49 Resp: 31747
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.4
130 66.6 54.1 81.1



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

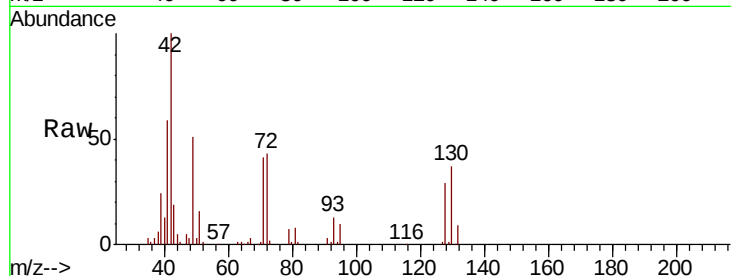




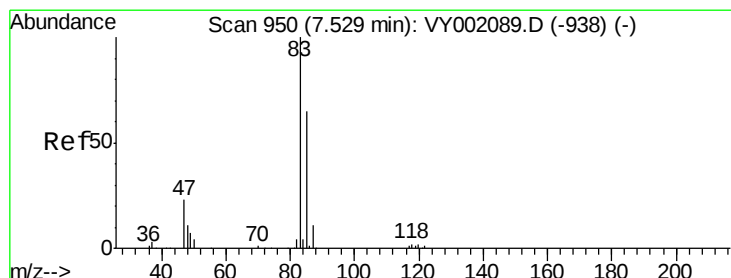
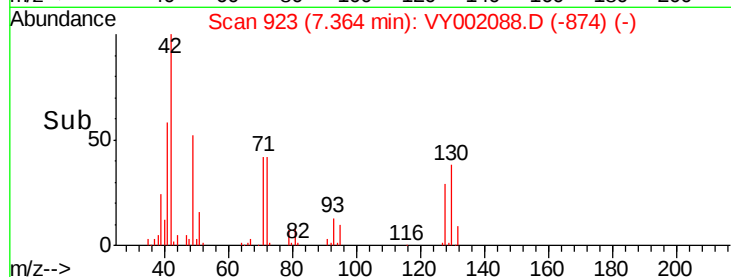
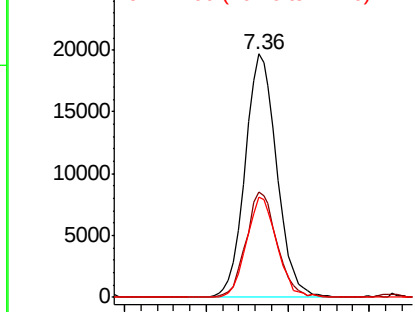
#29
Tetrahydrofuran
Concen: 102.575 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 53356
Ion Ratio Lower Upper
42 100
72 42.2 33.0 49.4
71 39.5 31.2 46.8

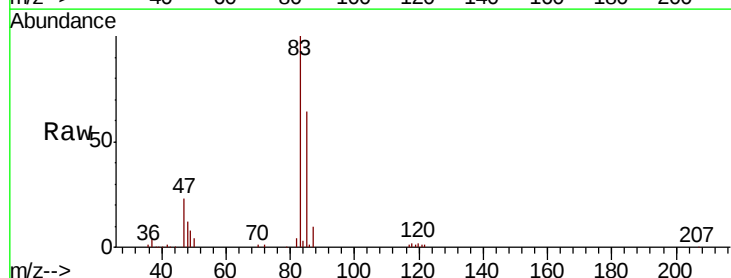


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

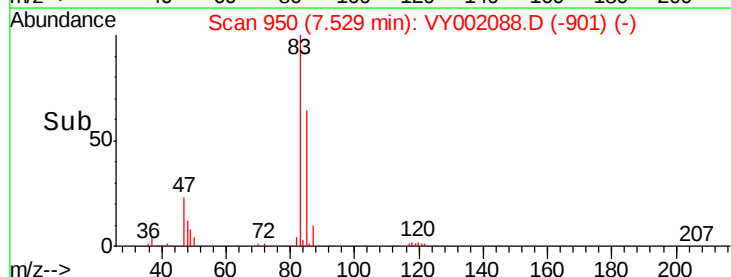
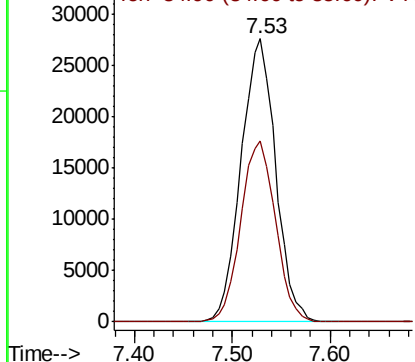


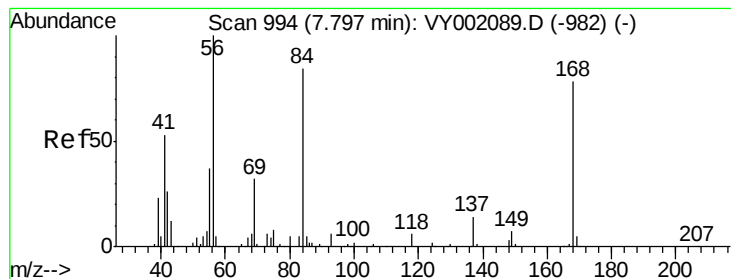
#30
Chloroform
Concen: 19.882 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion: 83 Resp: 67795
Ion Ratio Lower Upper
83 100
85 63.8 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.929 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :
MSVOA_Y
ClientSampled :

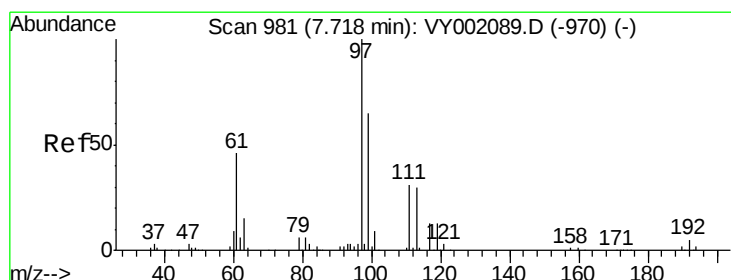
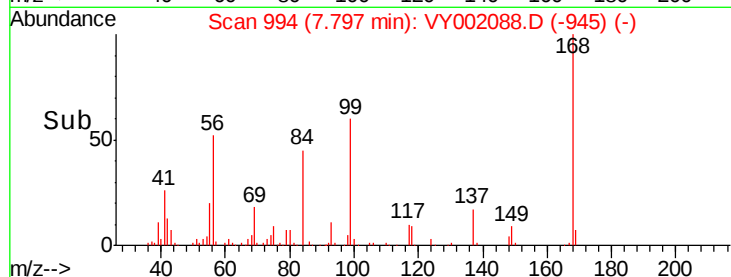
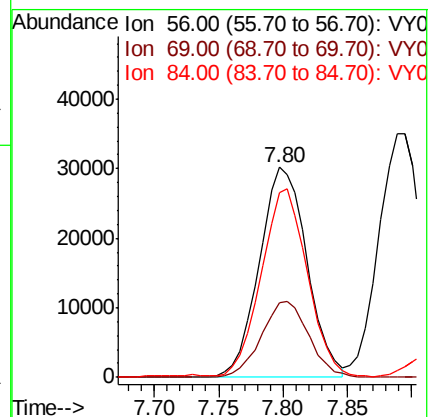
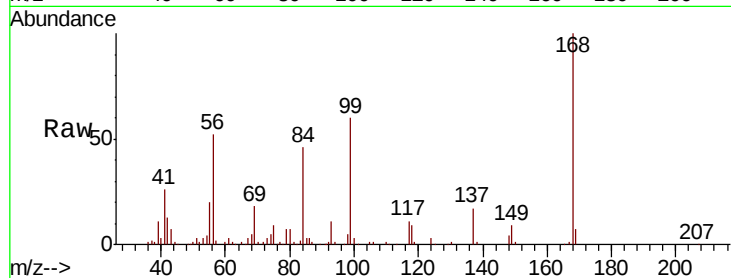
Tot Ion: 56 Resp: 77373

Ion Ratio Lower Upper

56 100

69 35.4 25.8 38.8

84 86.5 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 19.537 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

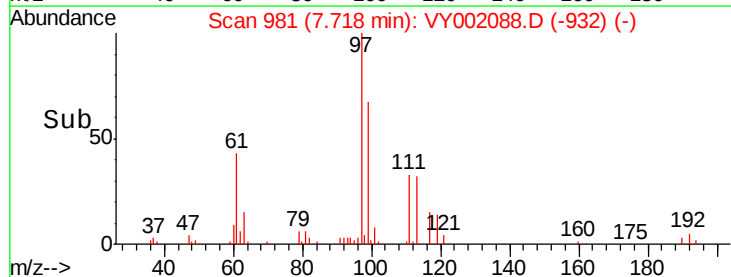
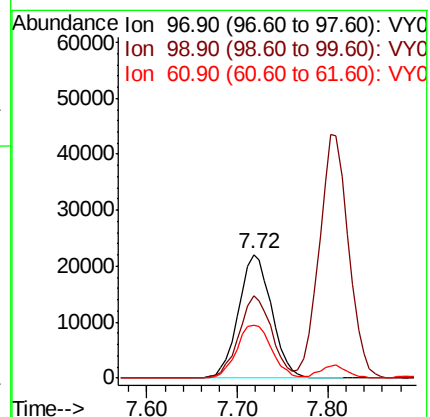
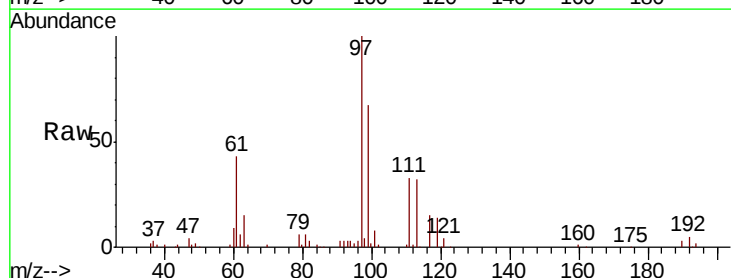
Tgt Ion: 97 Resp: 56070

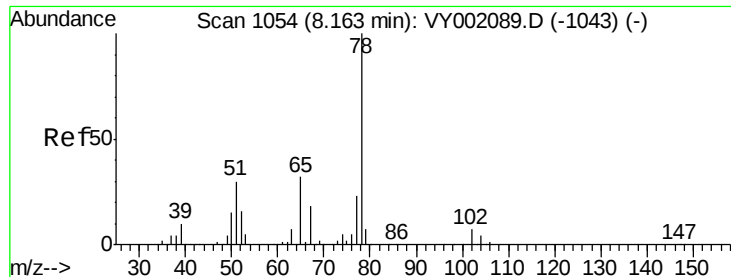
Ion Ratio Lower Upper

97 100

99 65.6 52.0 78.0

61 45.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 20.856 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

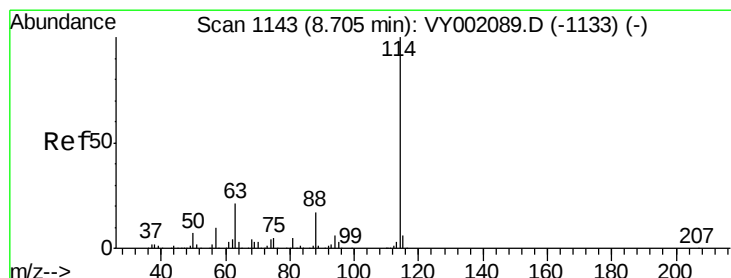
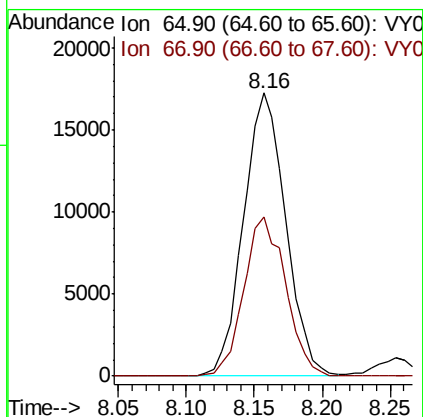
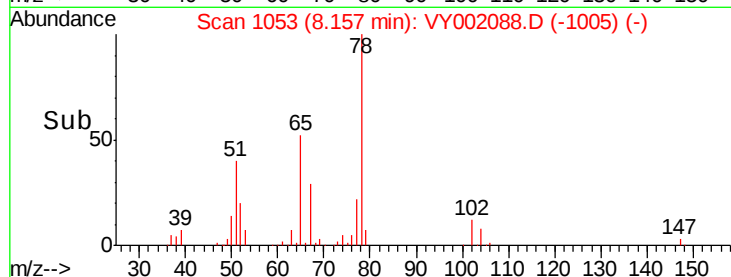
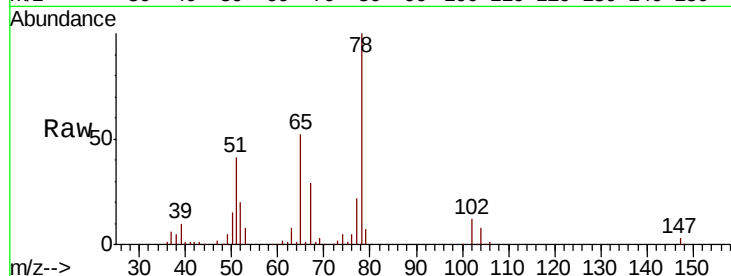
ClientSampleId :

Tot Ion: 65 Resp: 37457

Ion Ratio Lower Upper

65 100

67 55.6 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

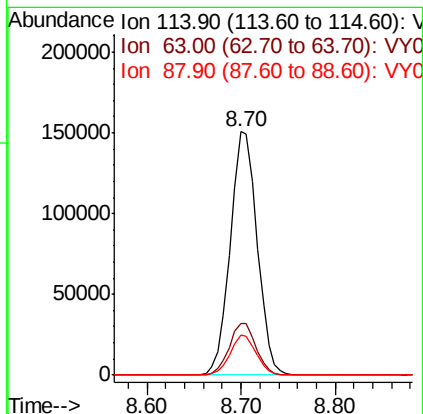
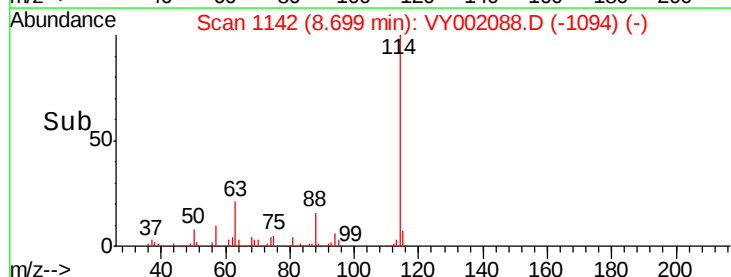
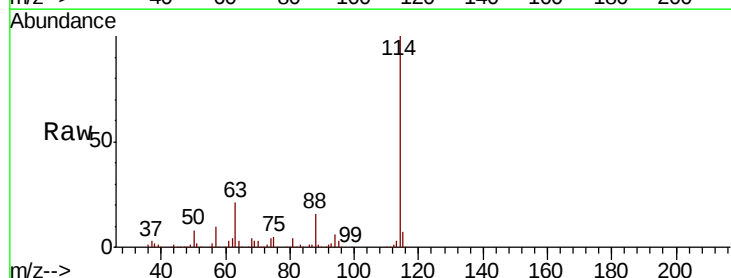
Tgt Ion: 114 Resp: 299006

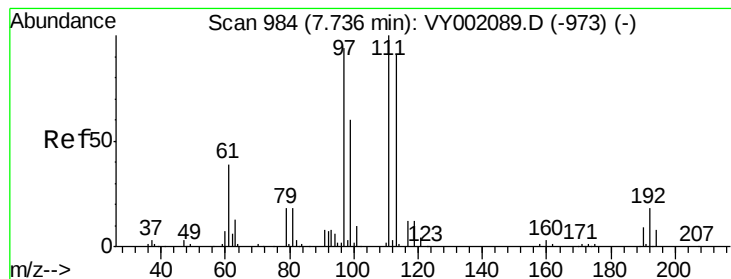
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.4

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 20.344 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

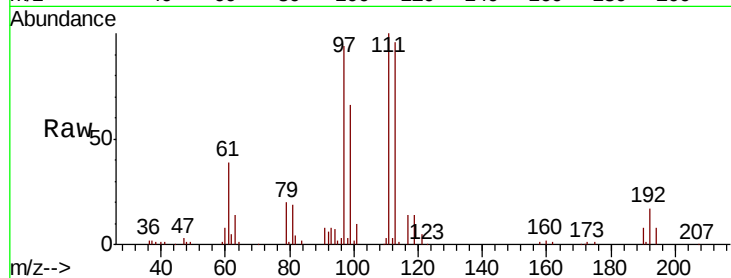
Tot Ion:113 Resp: 33405

Ion Ratio Lower Upper

113 100

111 104.0 84.4 126.6

192 17.9 14.6 21.8

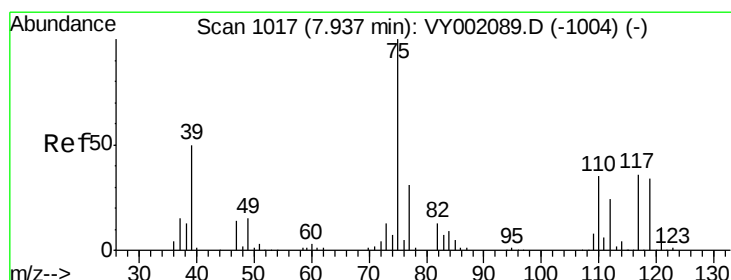
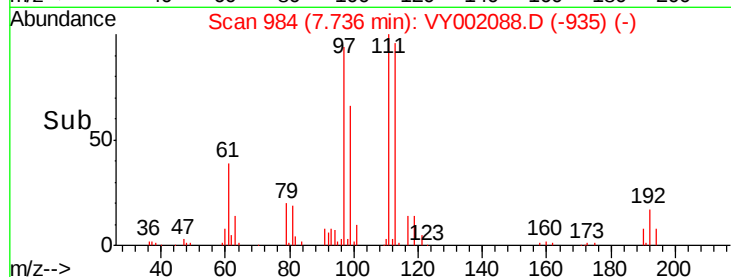
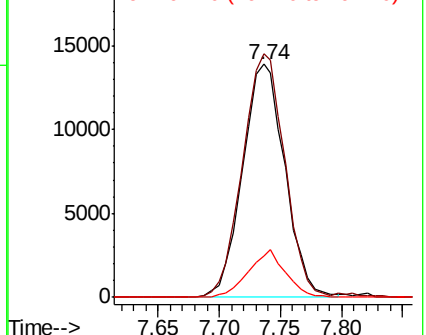


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.040 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

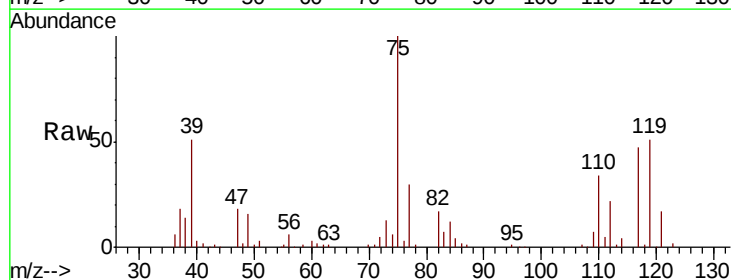
Tgt Ion: 75 Resp: 57170

Ion Ratio Lower Upper

75 100

110 34.6 17.2 51.6

77 30.4 24.7 37.1

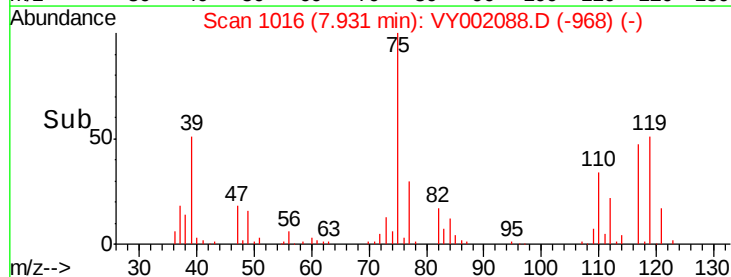
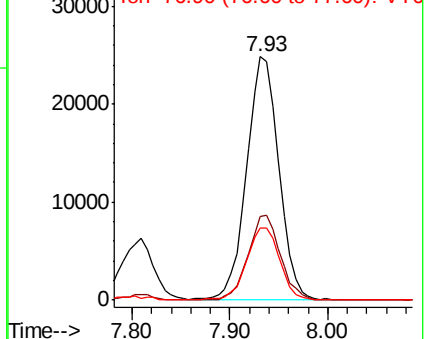


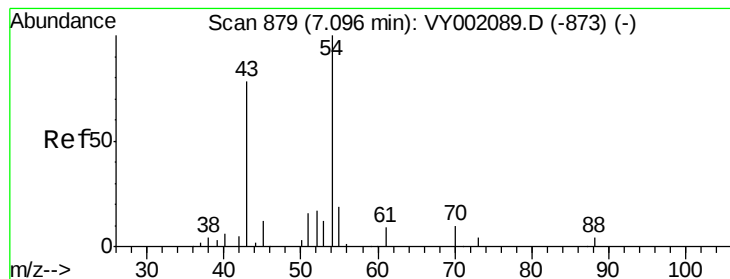
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 21.593 ug/l

RT: 7.10 min Scan# 879

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

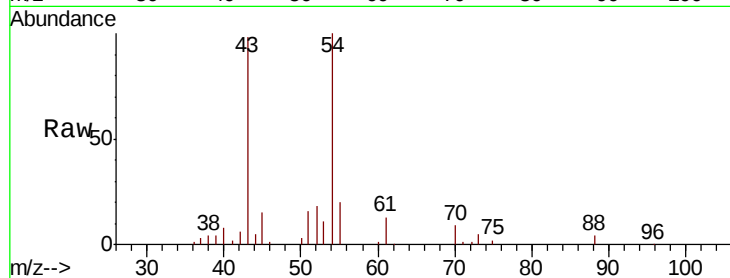
Tot Ion: 43 Resp: 35704

Ion Ratio Lower Upper

43 100

61 13.9 11.2 16.8

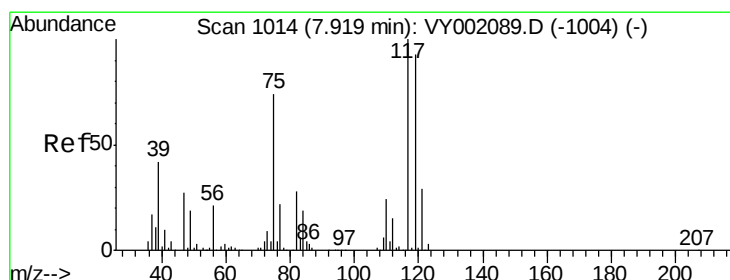
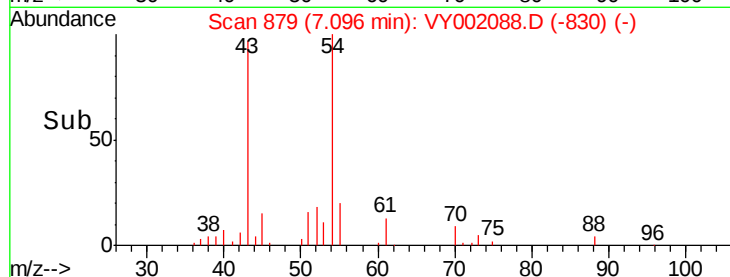
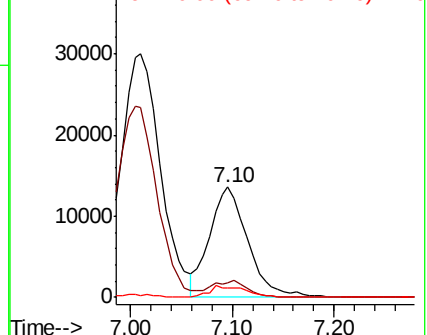
70 10.1 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VY002088.D (-873) (-)

Ion 60.90 (60.60 to 61.60): VY002088.D (-873) (-)

Ion 70.00 (69.70 to 70.70): VY002088.D (-873) (-)



#38

Carbon Tetrachloride

Concen: 19.799 ug/l

RT: 7.91 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

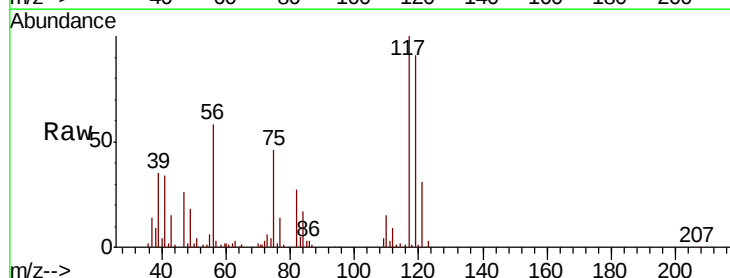
Tgt Ion: 117 Resp: 48387

Ion Ratio Lower Upper

117 100

119 91.3 74.3 111.5

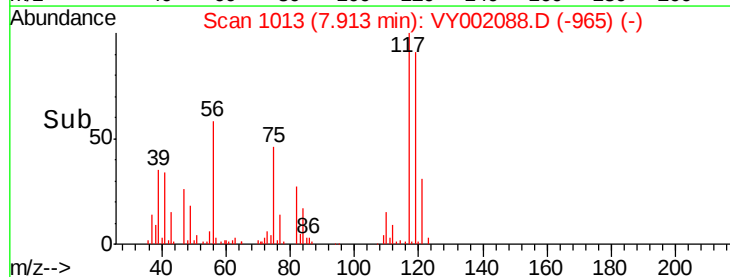
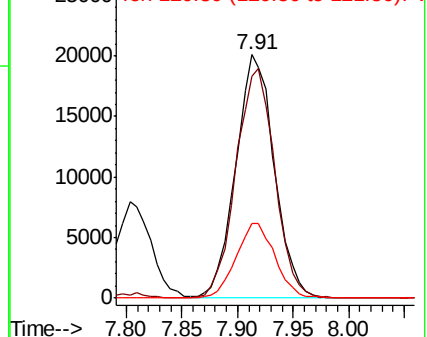
121 30.7 23.3 34.9

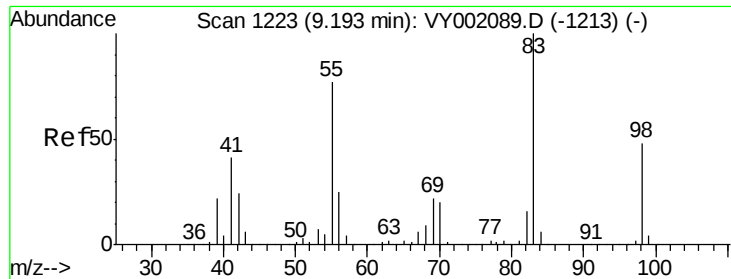


Abundance Ion 116.80 (116.50 to 117.50): VY002088.D (-965) (-)

Ion 118.80 (118.50 to 119.50): VY002088.D (-965) (-)

Ion 120.80 (120.50 to 121.50): VY002088.D (-965) (-)

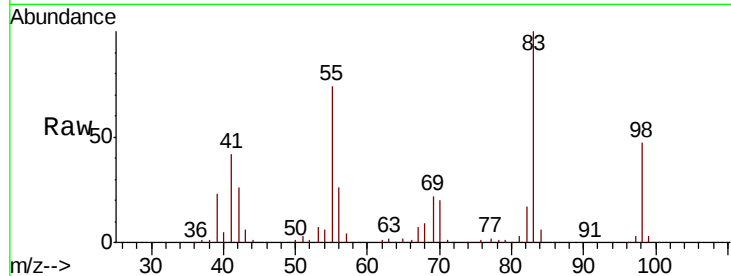




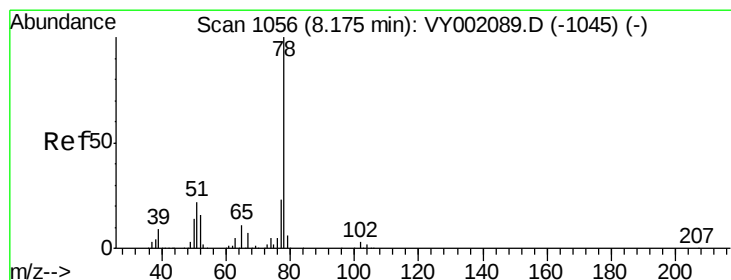
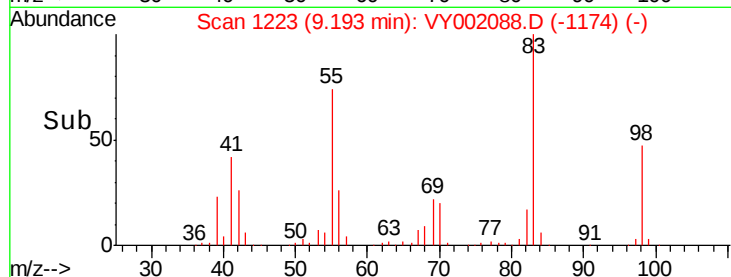
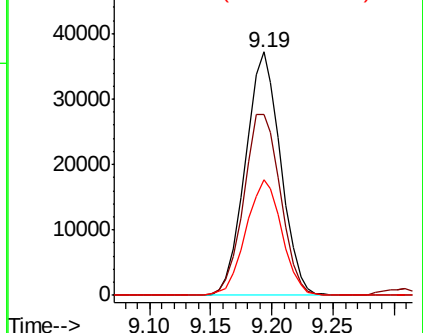
#39
Methvlcvclohexane
Concen: 19.628 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 74396
Ion Ratio Lower Upper
83 100
55 74.5 61.2 91.8
98 47.4 38.2 57.2

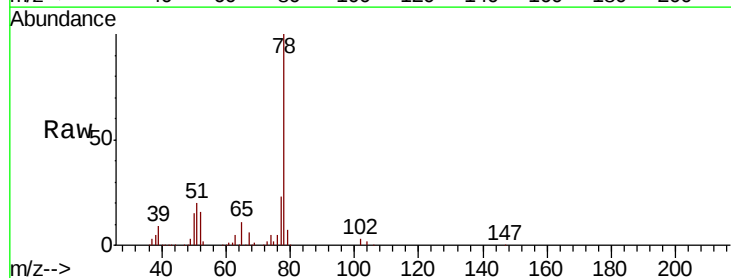


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

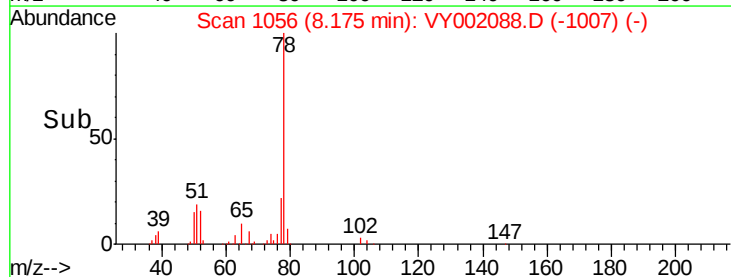
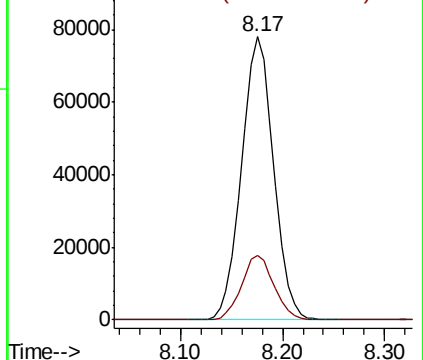


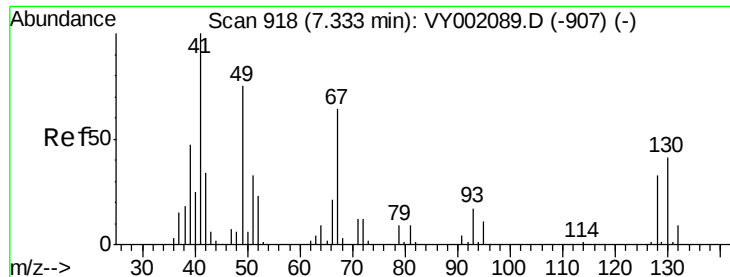
#40
Benzene
Concen: 20.081 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion: 78 Resp: 170068
Ion Ratio Lower Upper
78 100
77 22.6 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

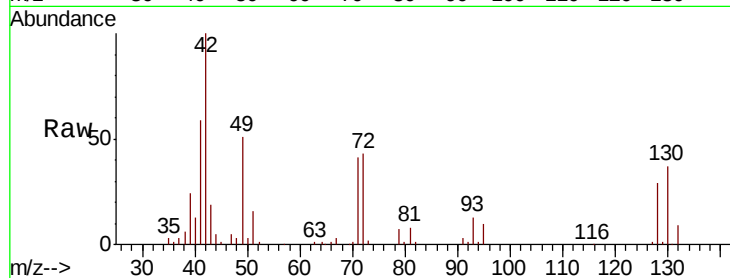




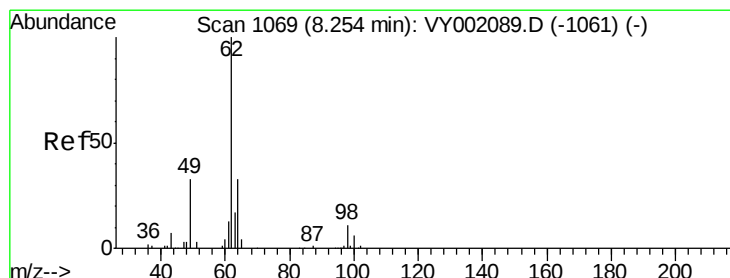
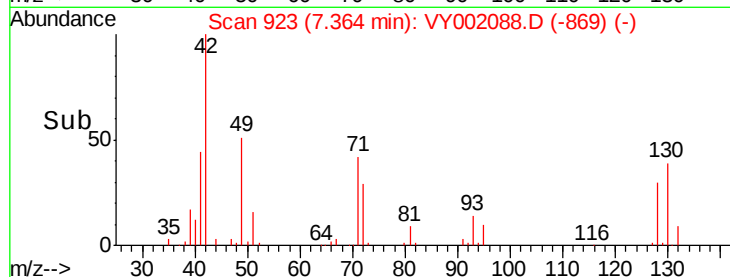
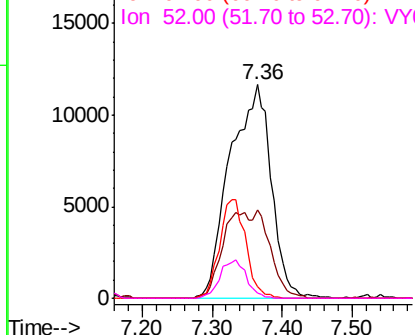
#41
Methacrylonitrile
Concen: 61.784 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 47594
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

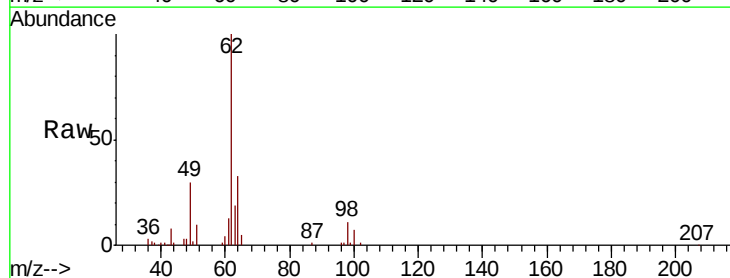


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

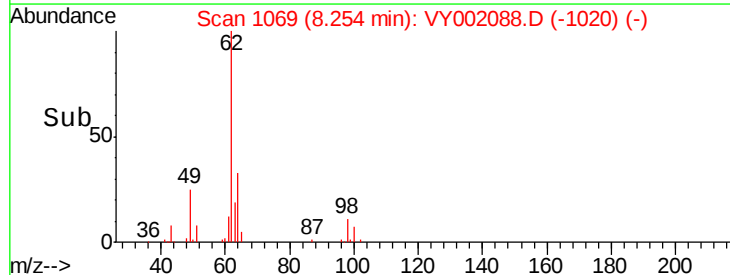
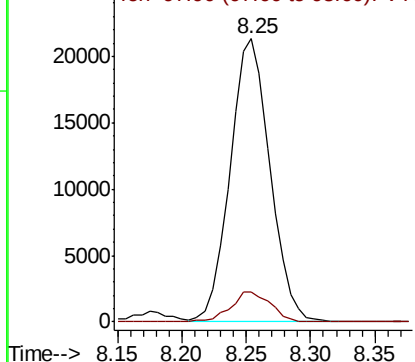


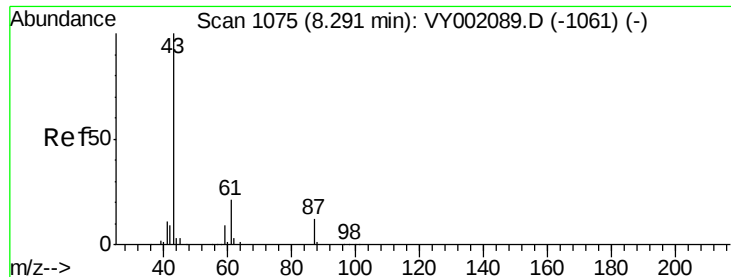
#42
1,2-Dichloroethane
Concen: 20.949 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion: 62 Resp: 45774
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



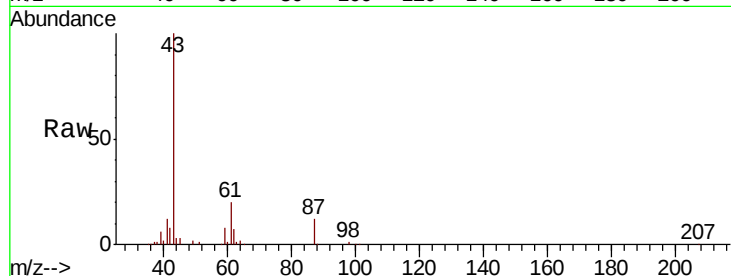


#43

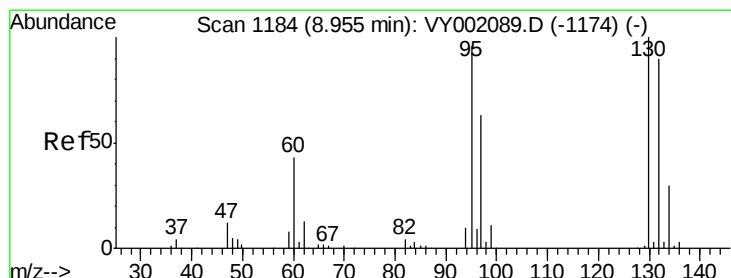
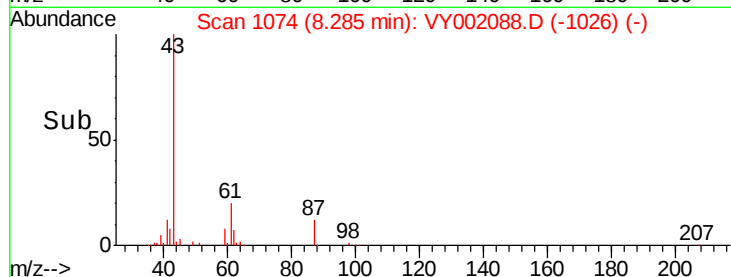
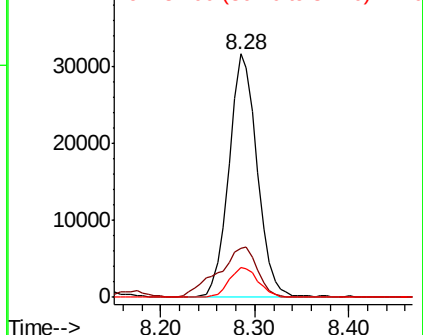
Isopropyl Acetate
 Concen: 20.926 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 43 Resp: 65761
 Ion Ratio Lower Upper
 43 100
 61 28.6 23.4 35.2
 87 12.6 10.2 15.4



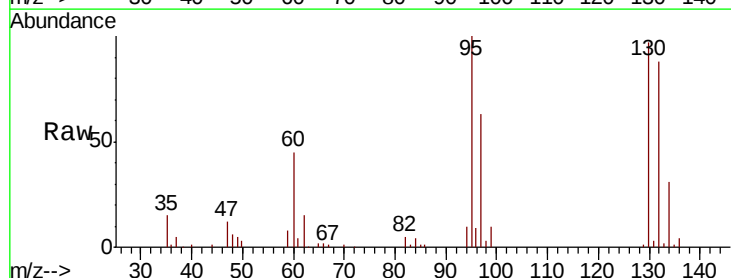
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



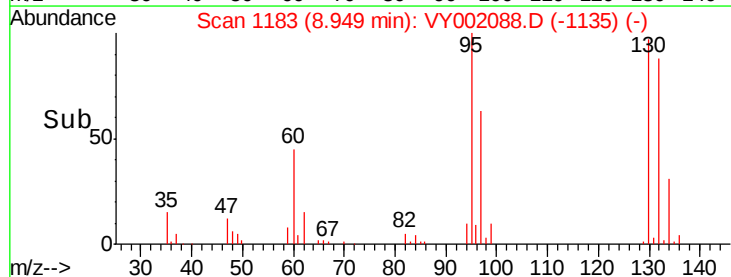
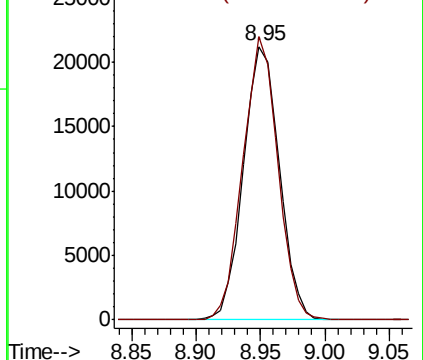
#44

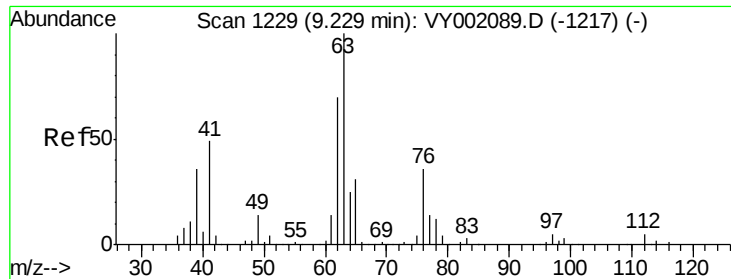
Trichloroethene
 Concen: 19.877 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Tgt Ion: 130 Resp: 41045
 Ion Ratio Lower Upper
 130 100
 95 103.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 20.456 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

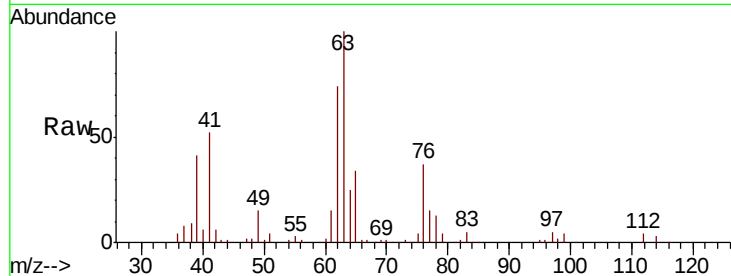
ClientSampleId :

Tot Ion: 63 Resp: 43644

Ion Ratio Lower Upper

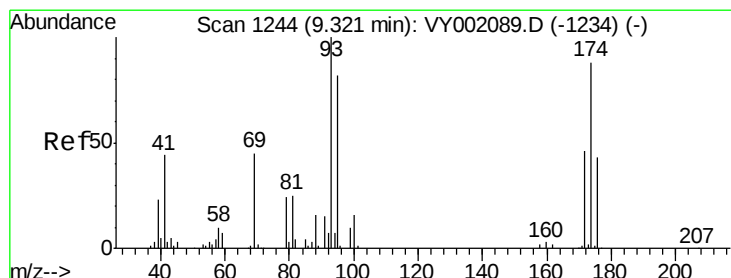
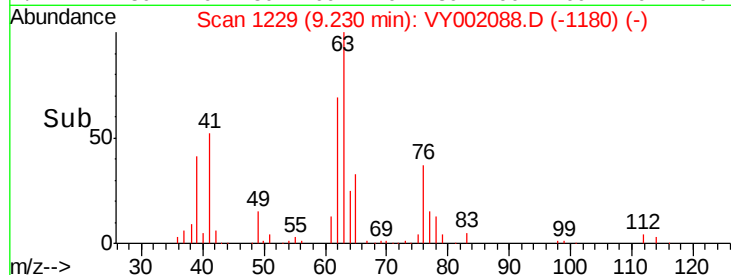
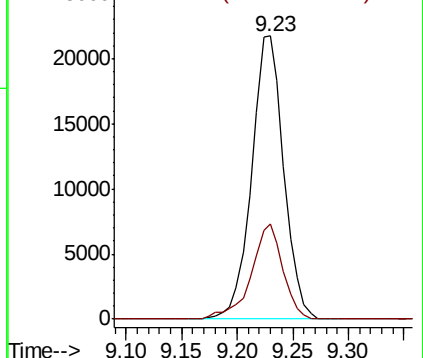
63 100

65 33.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.491 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

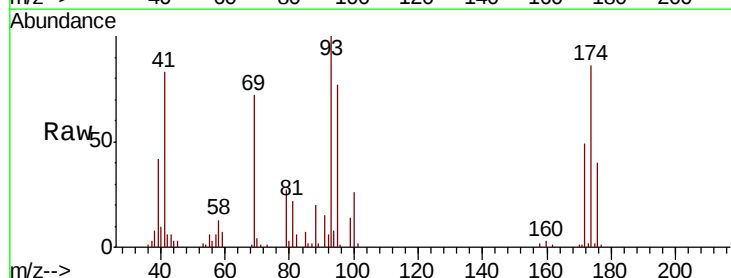
Tgt Ion: 93 Resp: 22529

Ion Ratio Lower Upper

93 100

95 82.7 66.0 99.0

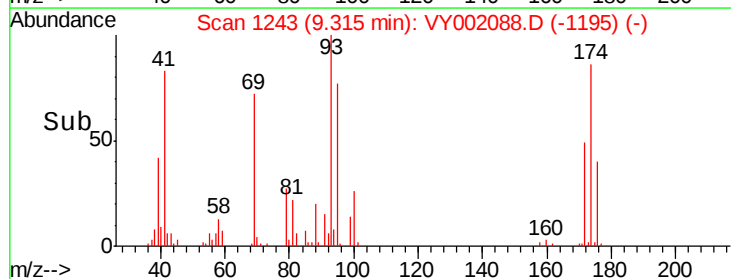
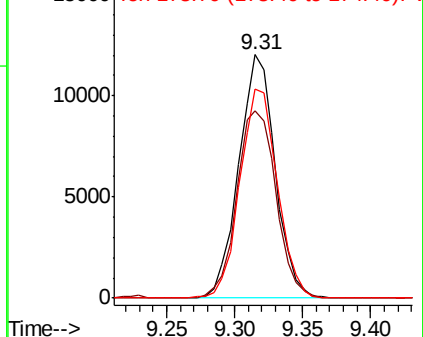
174 88.2 69.8 104.8

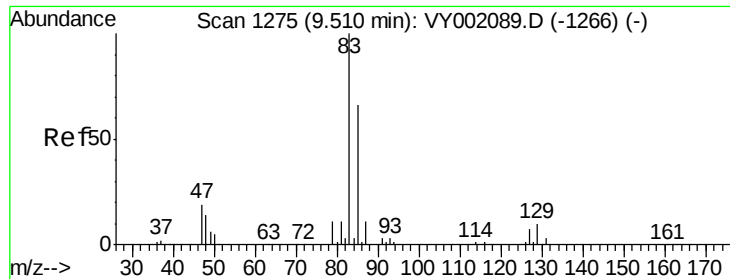


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.150 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

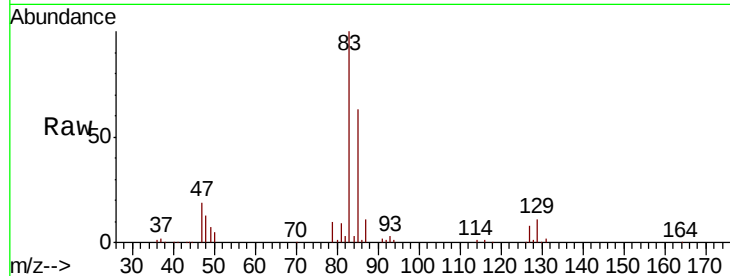
Tot Ion: 83 Resp: 51591

Ion Ratio Lower Upper

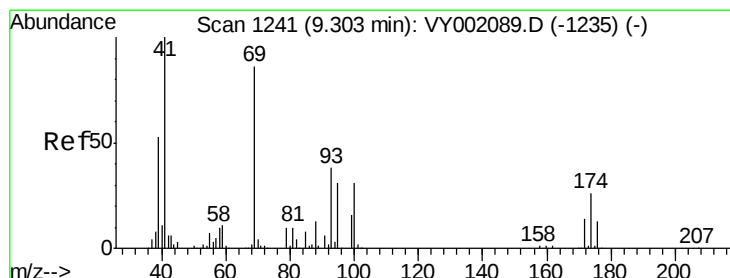
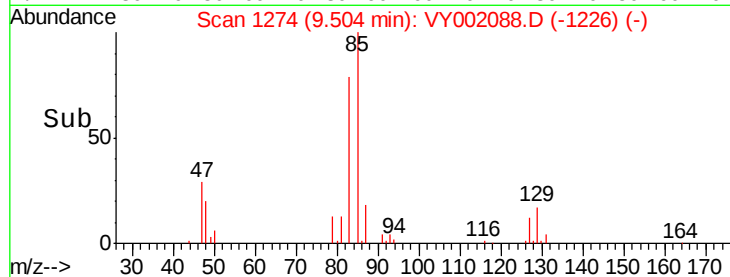
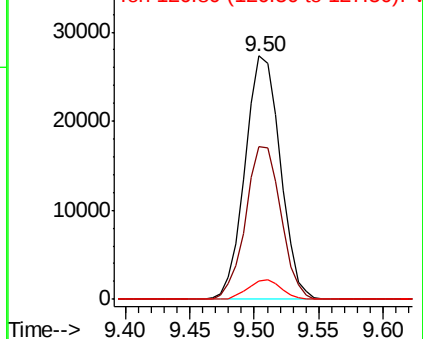
83 100

85 62.9 52.6 79.0

127 7.5 5.9 8.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.774 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

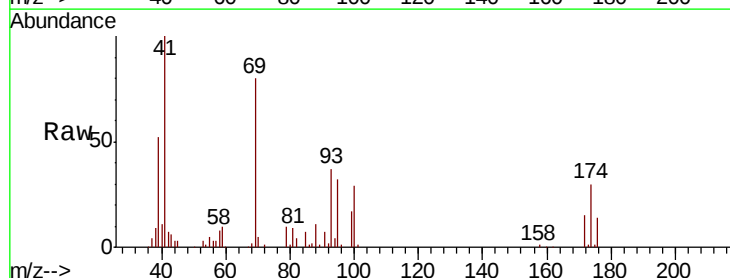
Tgt Ion: 41 Resp: 30140

Ion Ratio Lower Upper

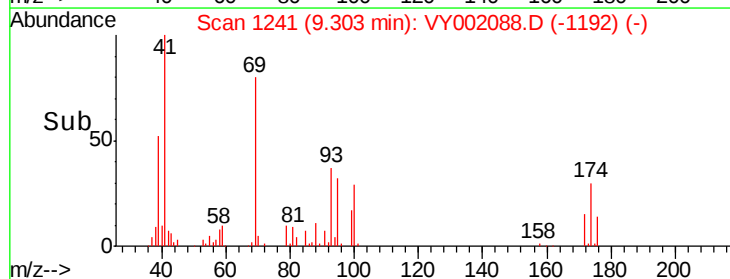
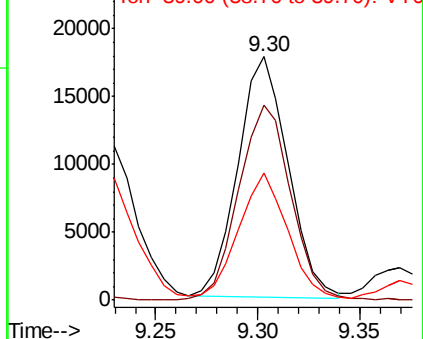
41 100

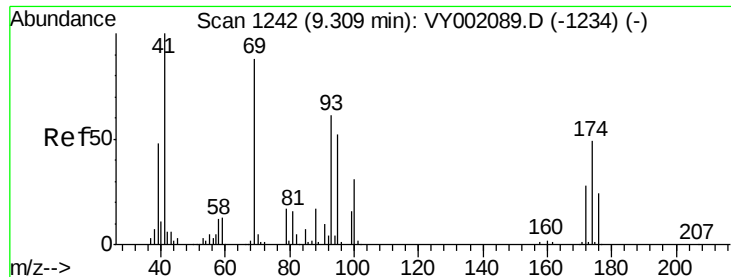
69 85.0 71.4 107.0

39 50.1 41.0 61.4



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

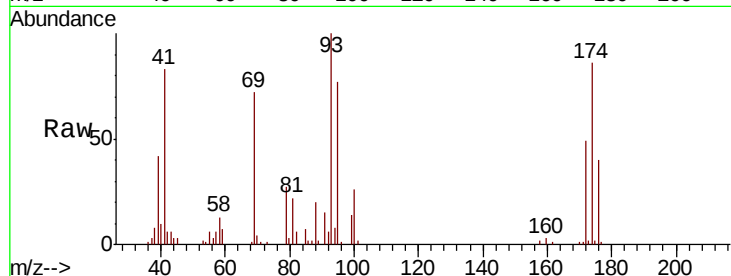




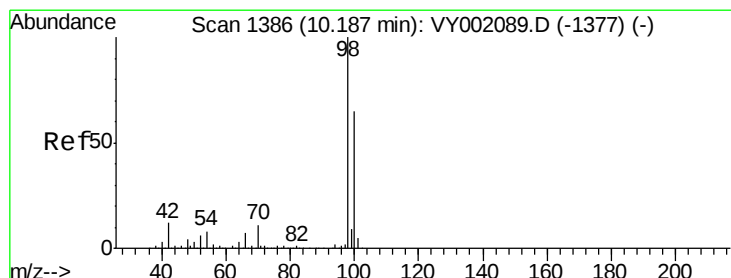
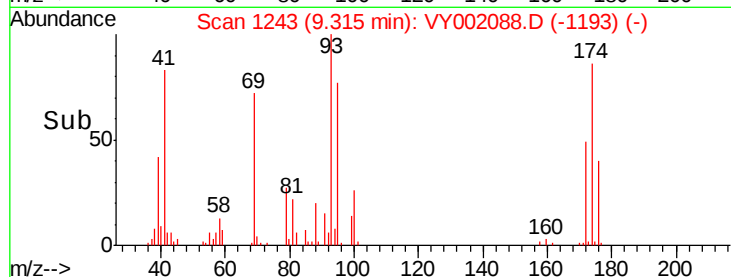
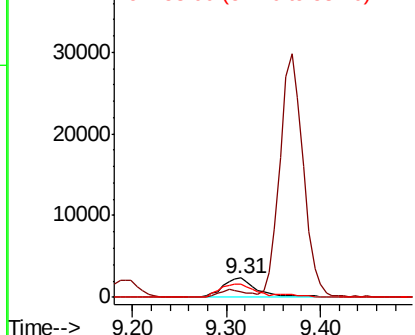
#49
1,4-Dioxane
Concen: 404.665 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 6072
Ion Ratio Lower Upper
88 100
43 33.7 27.2 40.8
58 70.3 59.8 89.8

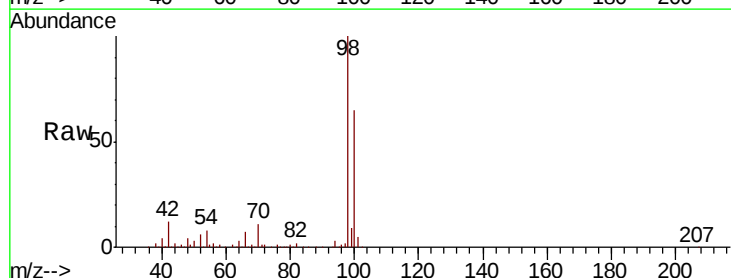


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

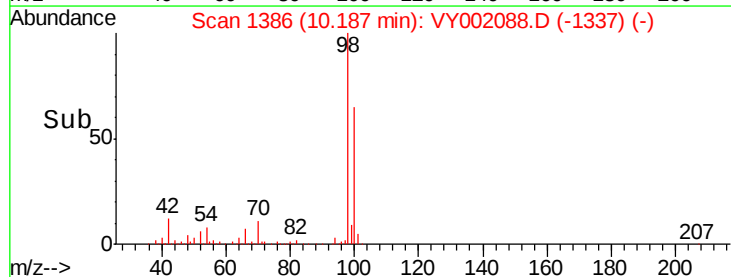
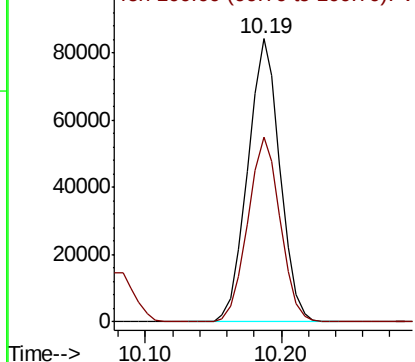


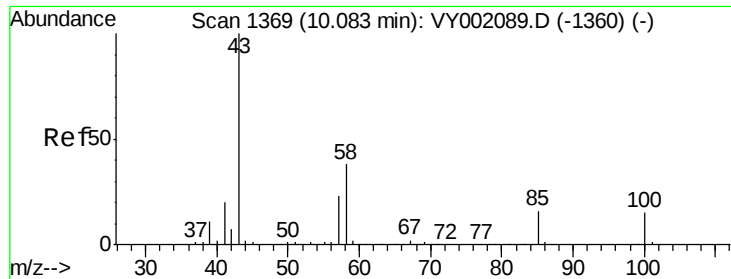
#50
Toluene-d8
Concen: 20.122 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion: 98 Resp: 139441
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 106.835 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

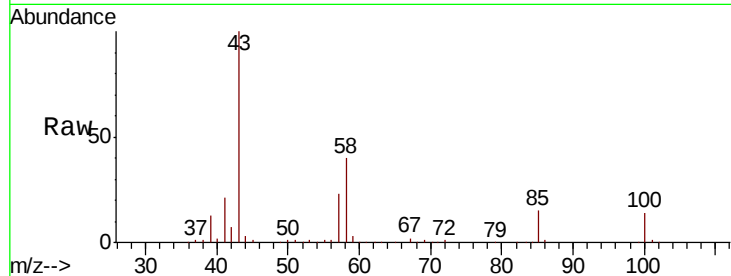
ClientSampleId :

Tot Ion: 43 Resp: 172838

Ion Ratio Lower Upper

43 100

58 39.3 31.6 47.4

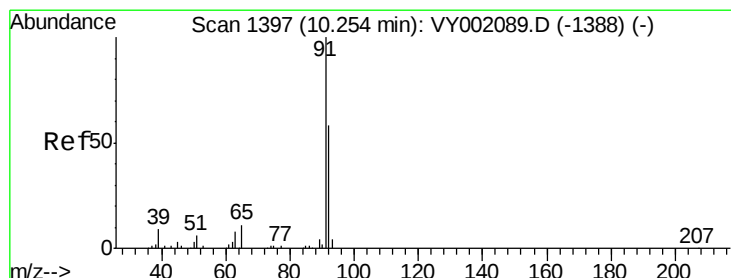
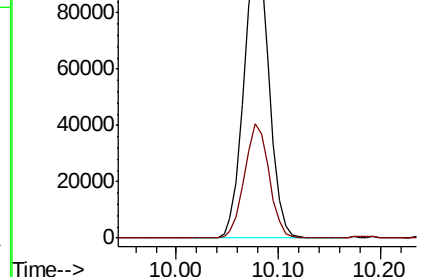
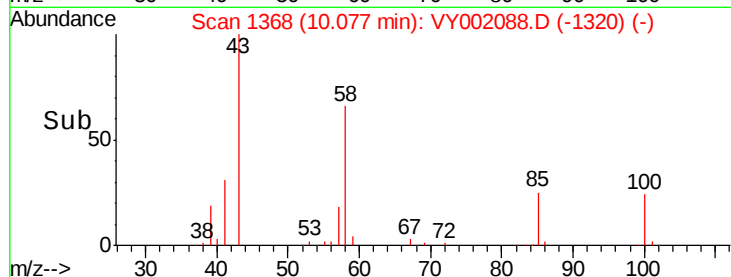


Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-1360) (-)

10.08

Time-->



#52

Toluene

Concen: 20.030 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002088.D

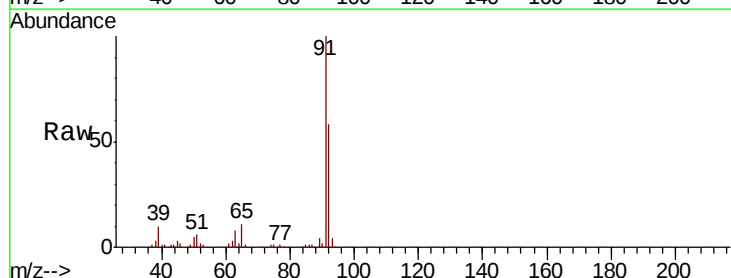
Acq: 26 Mar 2020 16:09

Tgt Ion: 92 Resp: 102988

Ion Ratio Lower Upper

92 100

91 172.8 139.3 208.9

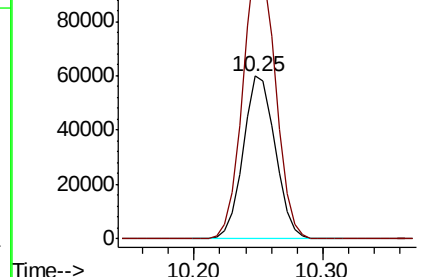
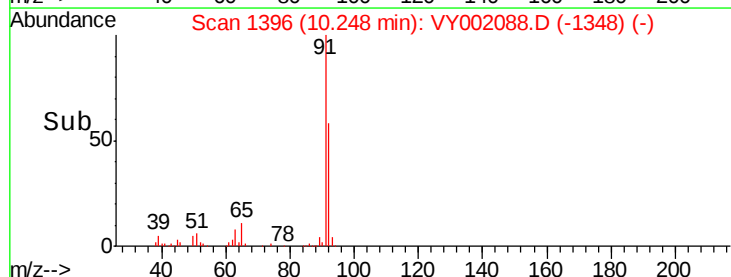


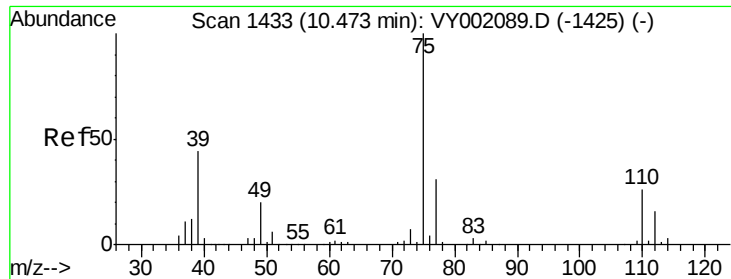
Abundance Ion 92.00 (91.70 to 92.70): VY002089.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY002089.D (-1388) (-)

10.25

Time-->

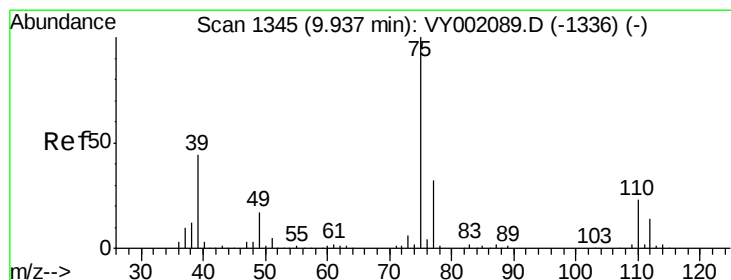
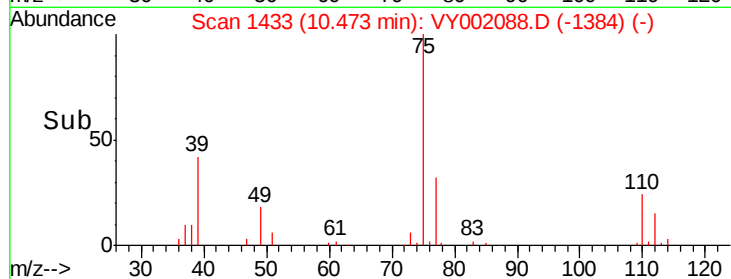
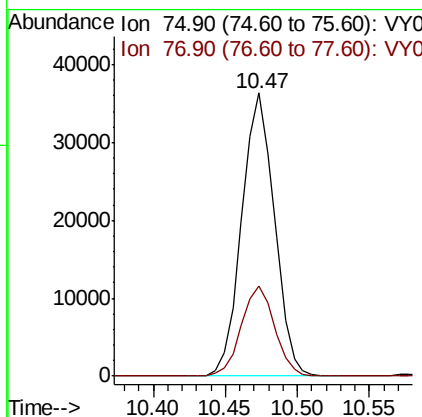
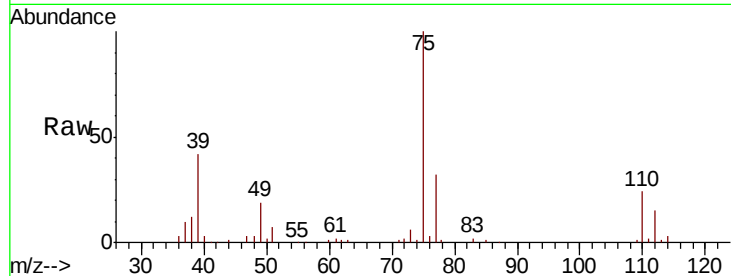




#53
 t-1,3-Dichloropropene
 Concen: 20.510 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

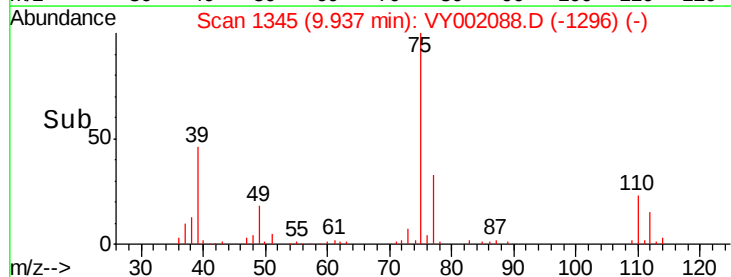
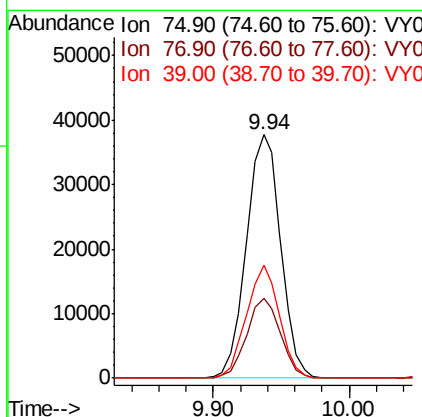
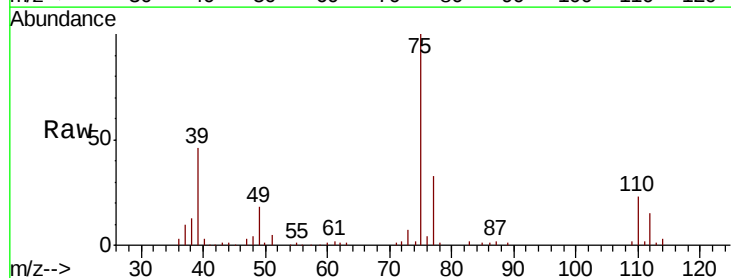
Instrument :
 MSVOA_Y
 ClientSampleId :

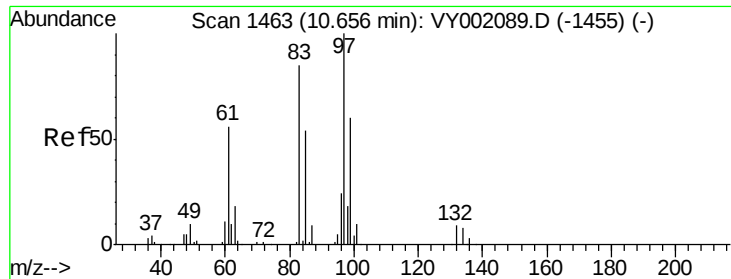
Tot Ion: 75 Resp: 57158
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.041 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Tgt Ion: 75 Resp: 66491
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4
 39 46.2 35.2 52.8

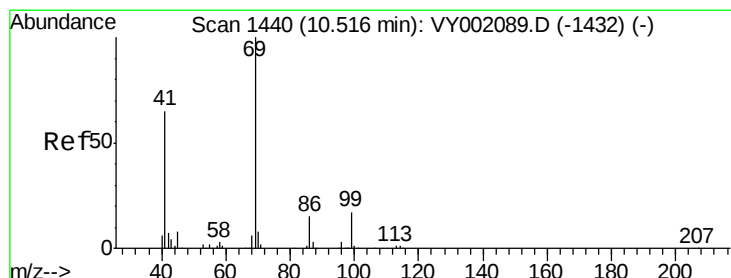
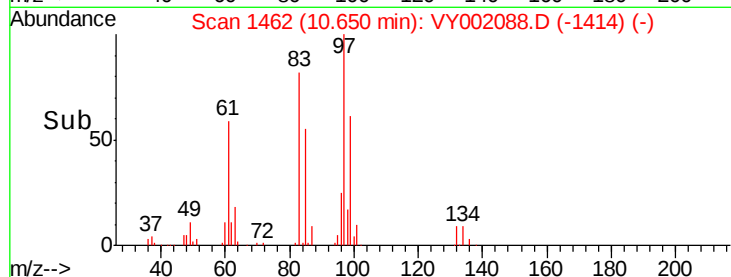
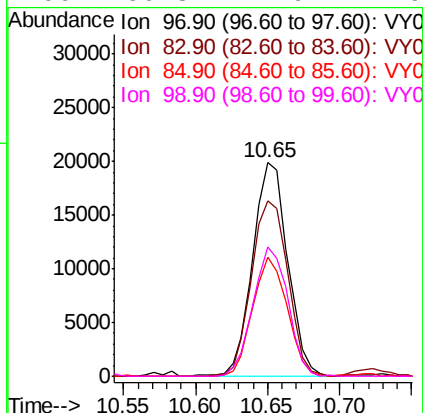
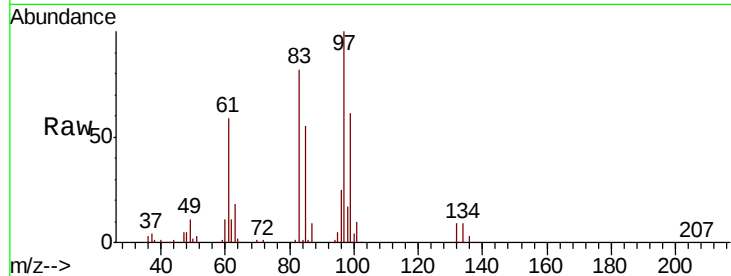




#55
 1,1,2-Trichloroethane
 Concen: 20.723 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

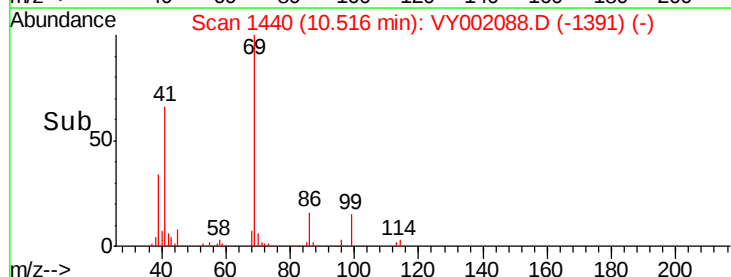
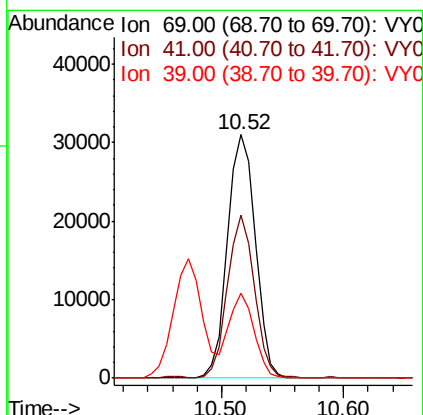
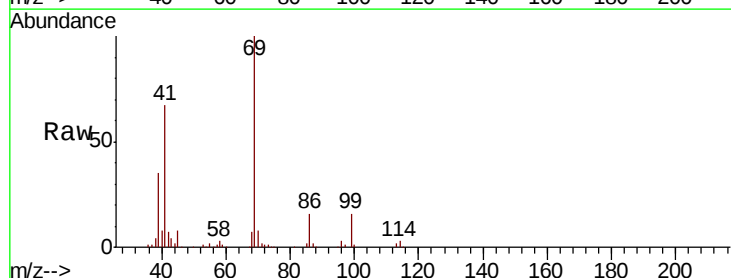
Instrument :
 MSVOA_Y
 ClientSampleId :

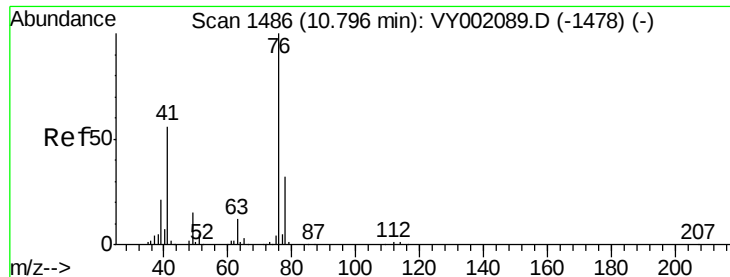
Tot Ion	97	Resp	33407
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.2	102.2
85	55.5	42.9	64.3
99	60.8	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 20.853 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Tgt Ion	69	Resp	48902
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.8	79.2
39	31.6	25.0	37.6





#57

1,3-Dichloropropane

Concen: 20.708 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

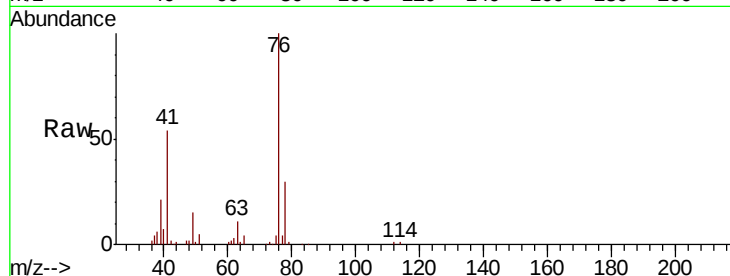
ClientSampled :

Tot Ion: 76 Resp: 59437

Ion Ratio Lower Upper

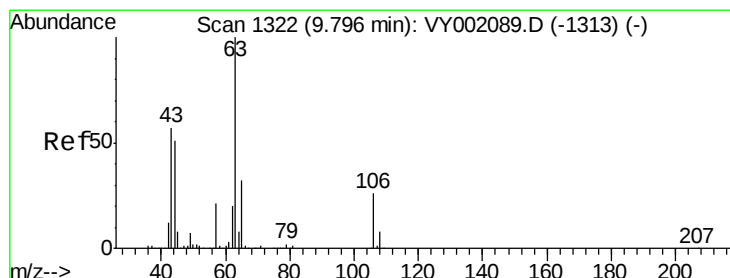
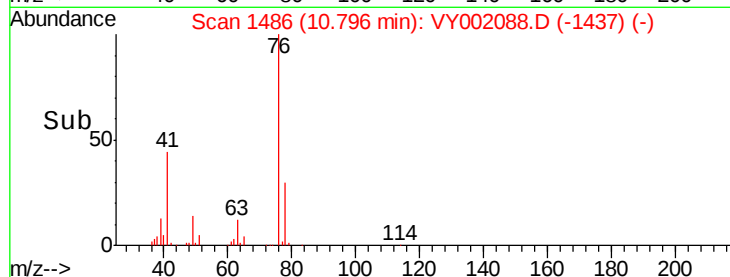
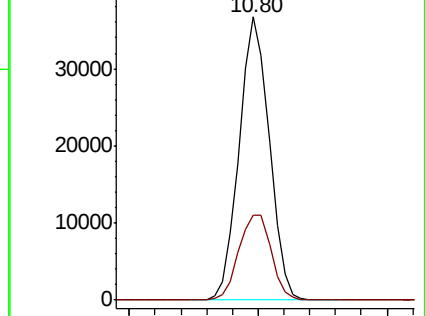
76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 129.433 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002088.D

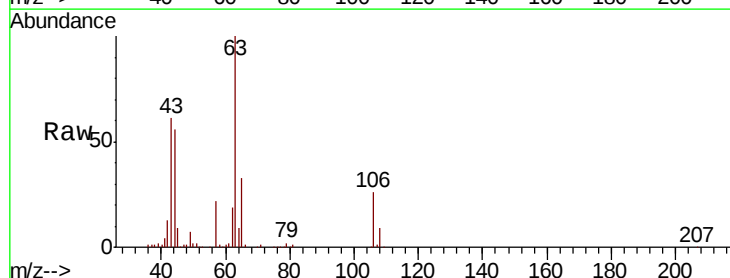
Acq: 26 Mar 2020 16:09

Tgt Ion: 63 Resp: 129414

Ion Ratio Lower Upper

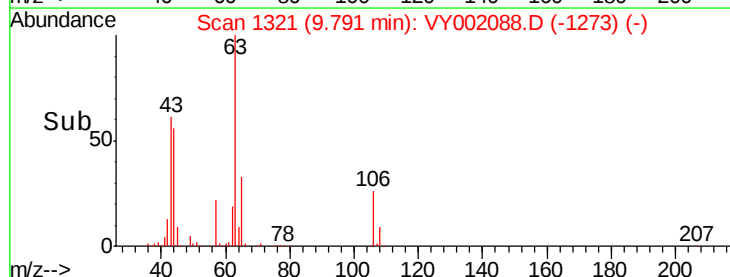
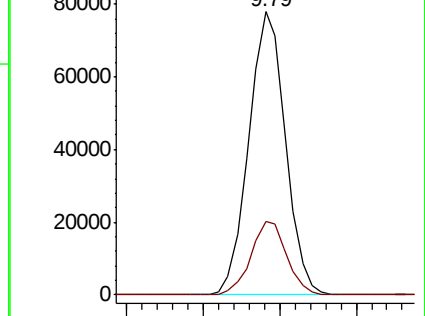
63 100

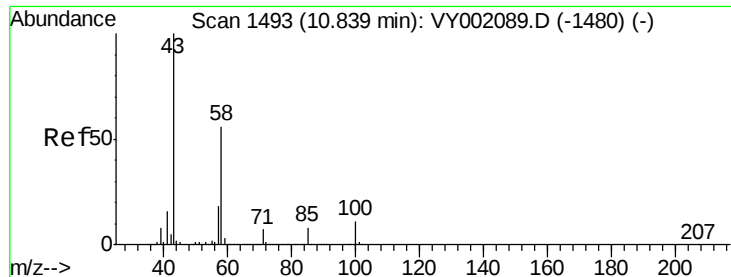
106 25.4 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

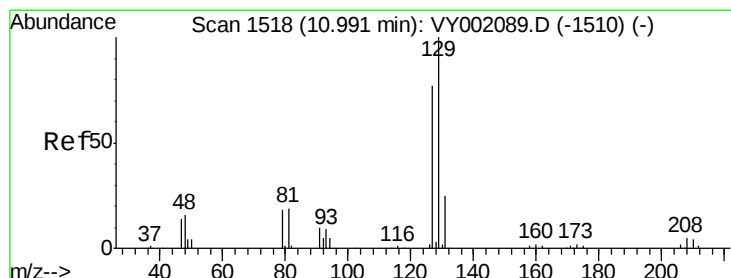
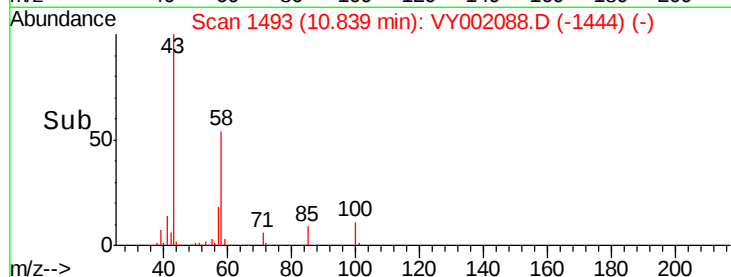
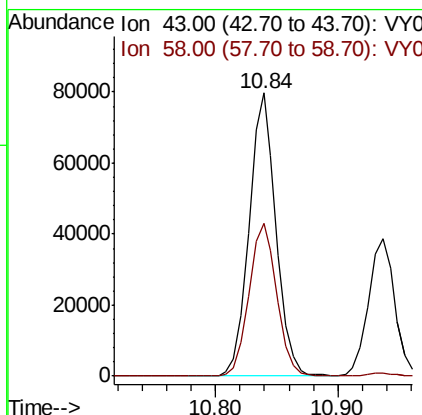
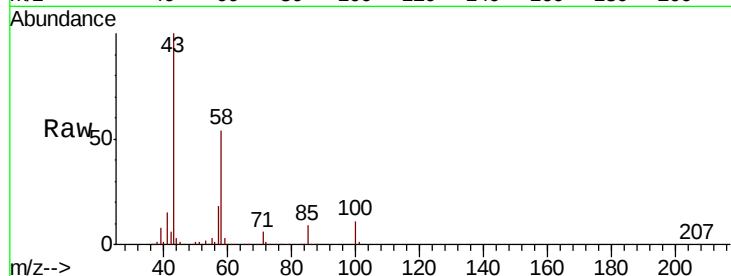




#59
2-Hexanone
Concen: 105.468 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

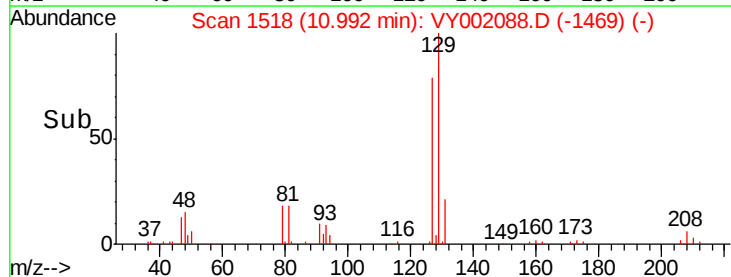
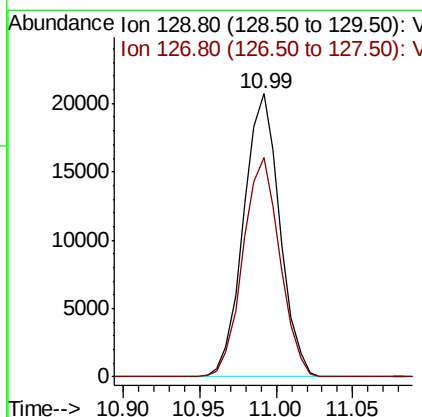
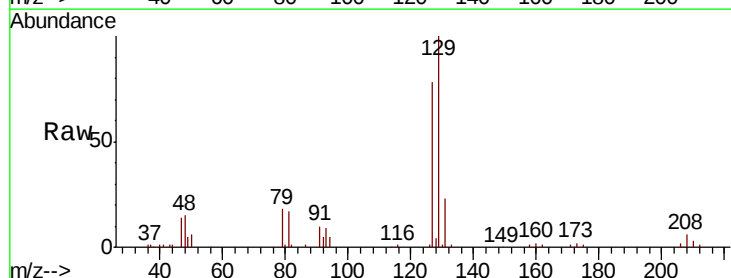
Instrument :
MSVOA_Y
ClientSampleId :

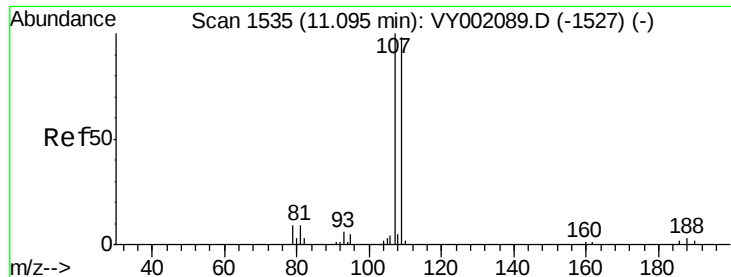
Tot Ion: 43 Resp: 121475
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 20.152 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion:129 Resp: 34073
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 20.295 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

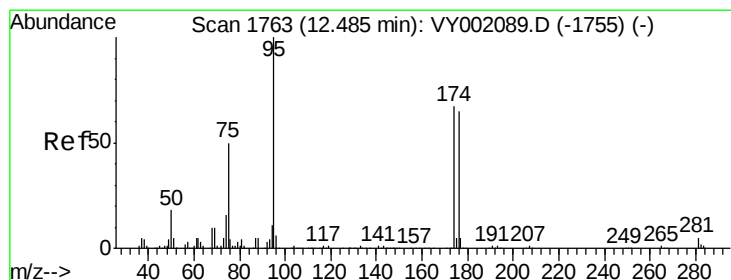
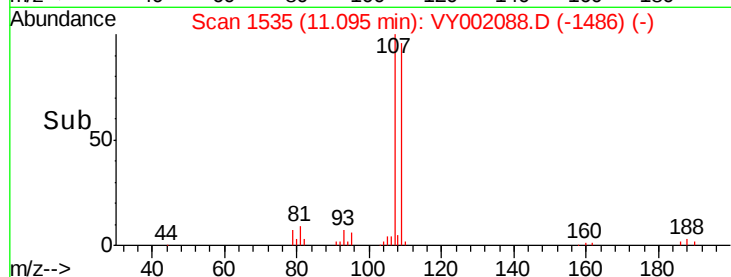
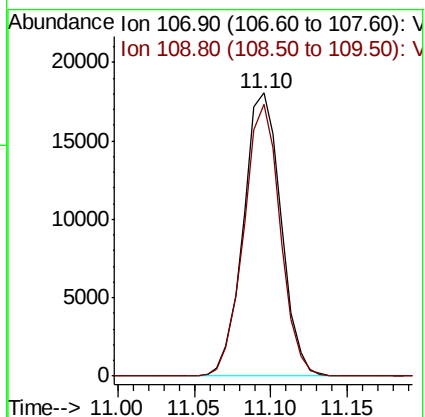
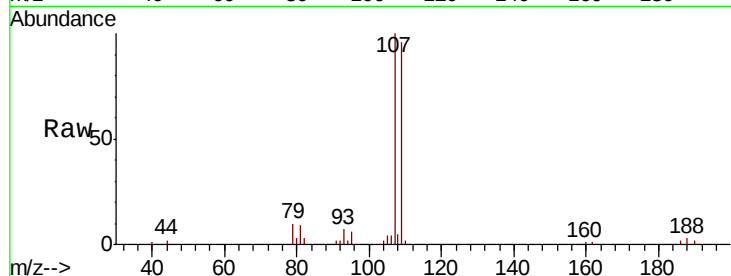
ClientSampleId :

Tot Ion: 107 Resp: 30911

Ion Ratio Lower Upper

107 100

109 92.9 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 20.259 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

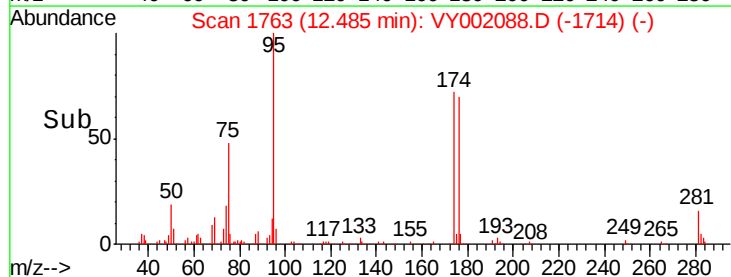
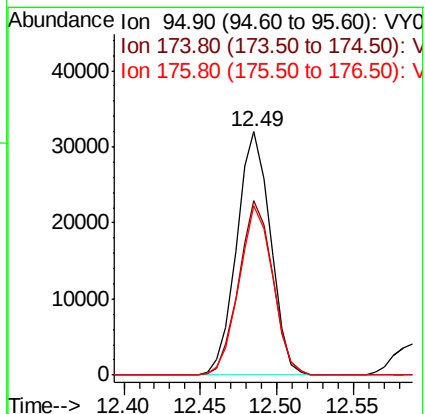
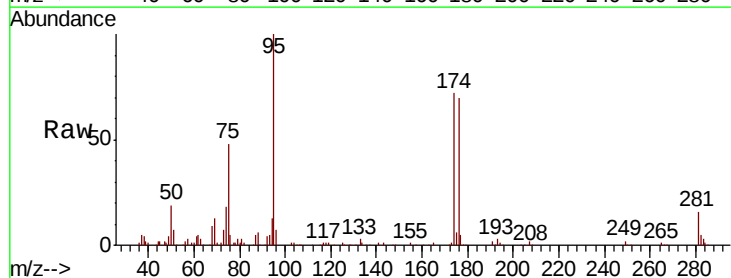
Tgt Ion: 95 Resp: 48932

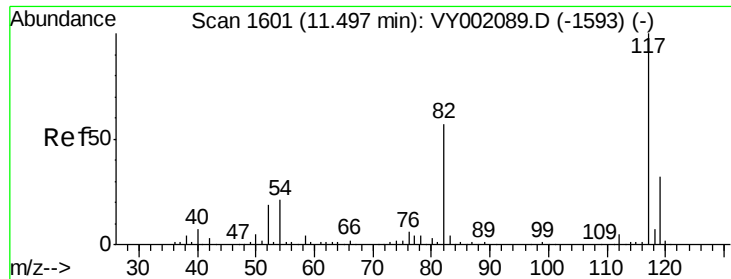
Ion Ratio Lower Upper

95 100

174 71.9 0.0 143.4

176 69.8 0.0 137.0

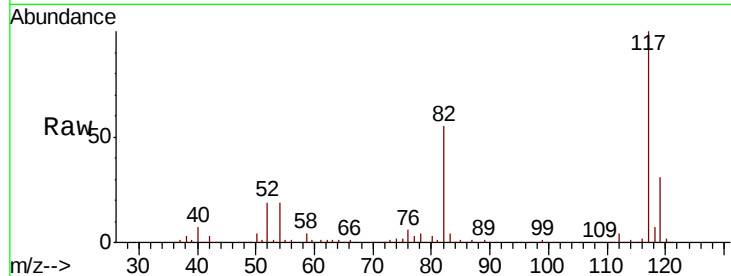




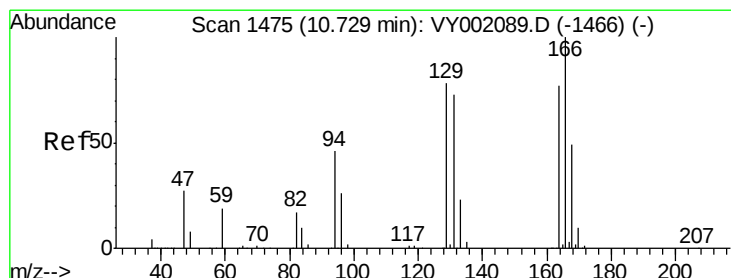
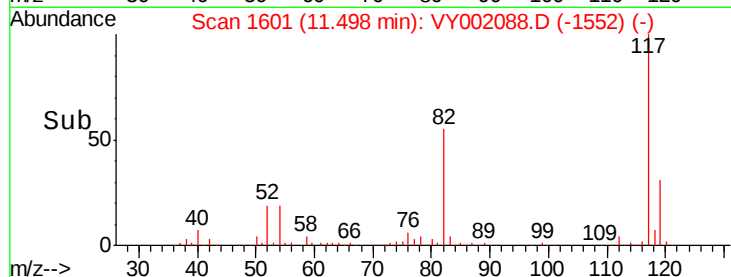
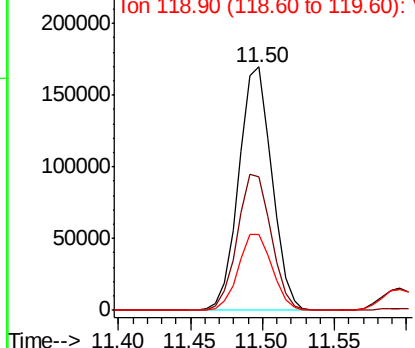
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 270921
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.4 25.3 37.9

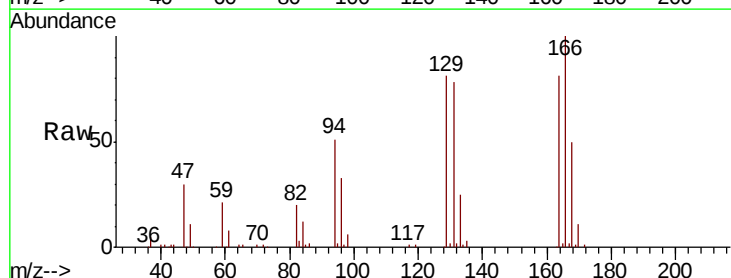


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

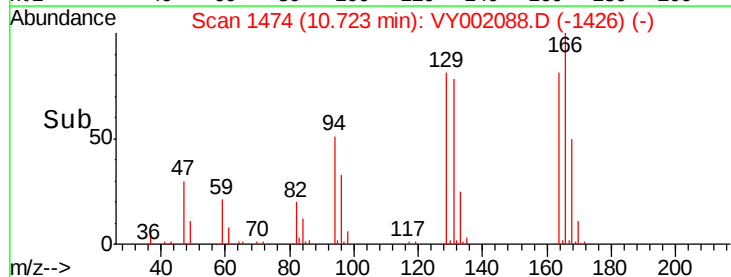
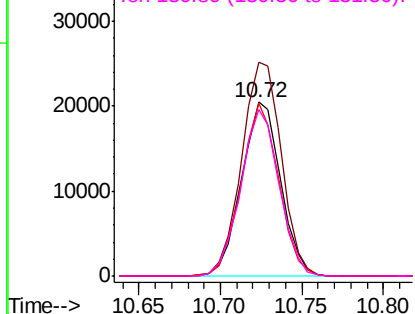


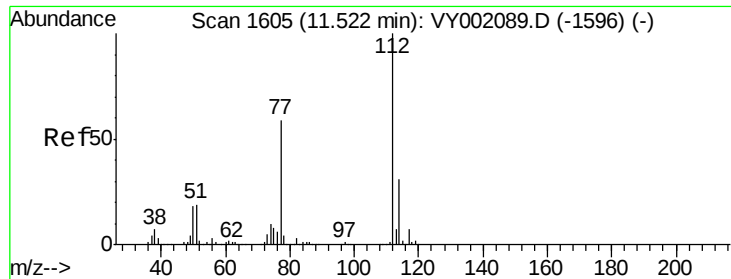
#64
Tetrachloroethene
Concen: 20.199 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion:164 Resp: 34176
Ion Ratio Lower Upper
164 100
166 123.1 104.0 156.0
129 99.4 81.2 121.8
131 96.1 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

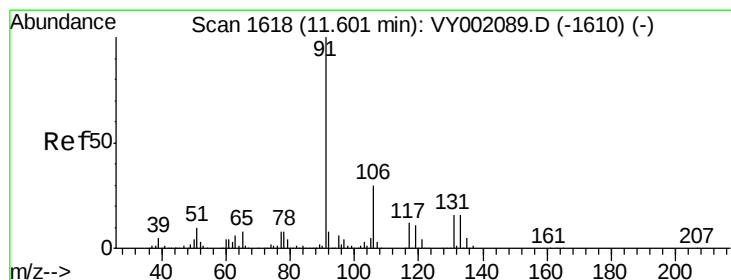
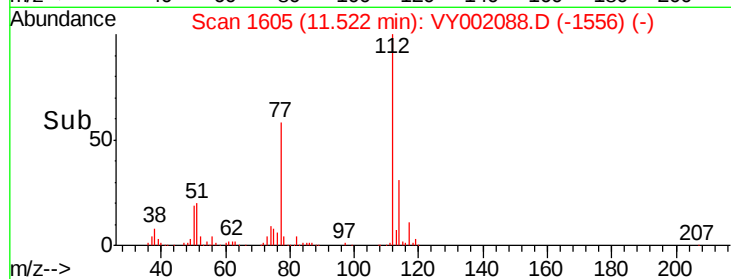
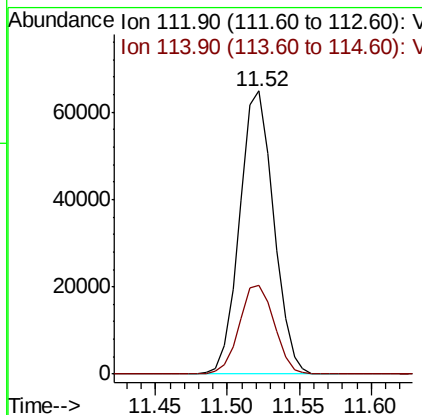
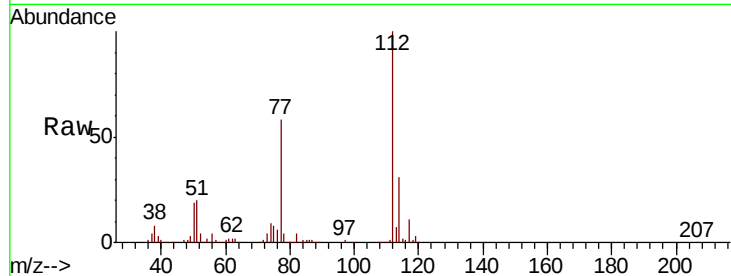




#65
Chlorobenzene
Concen: 19.900 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

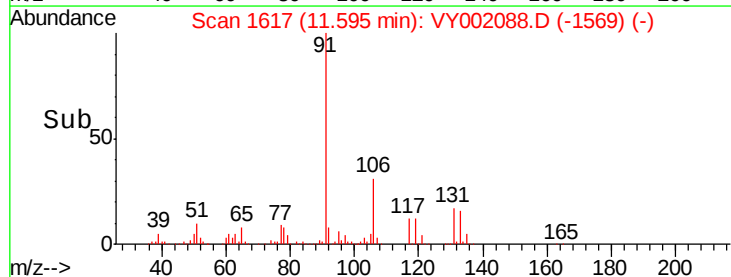
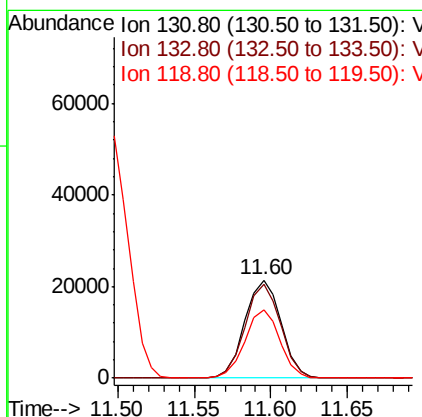
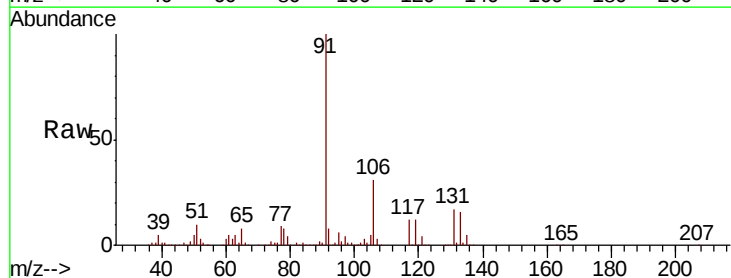
Instrument :
MSVOA_Y
ClientSampleId :

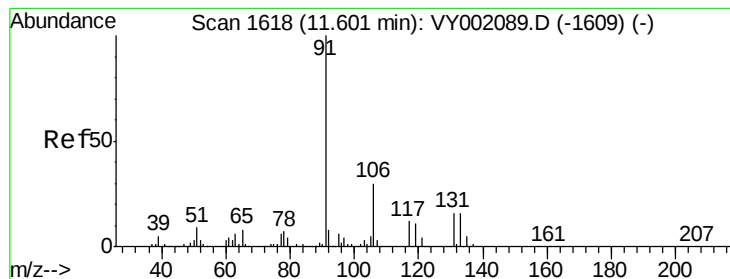
Tot Ion:112 Resp: 106329
Ion Ratio Lower Upper
112 100
114 31.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.153 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion:131 Resp: 35369
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 67.5 34.6 103.9





#67

Ethyl Benzene

Concen: 19.846 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

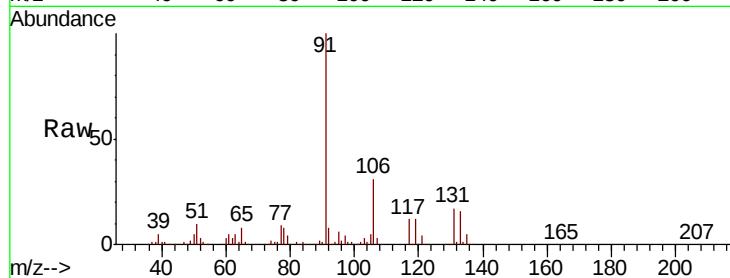
ClientSampled :

Tot Ion: 91 Resp: 198089

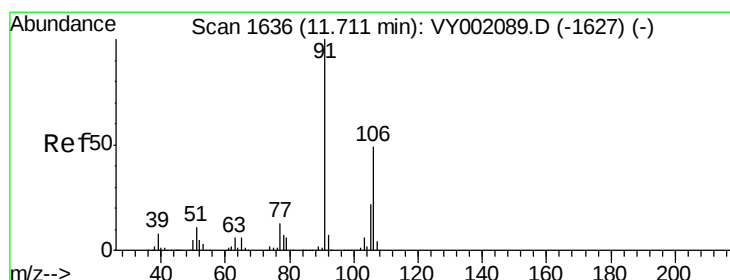
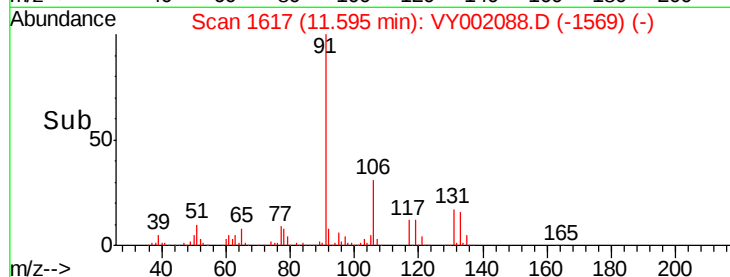
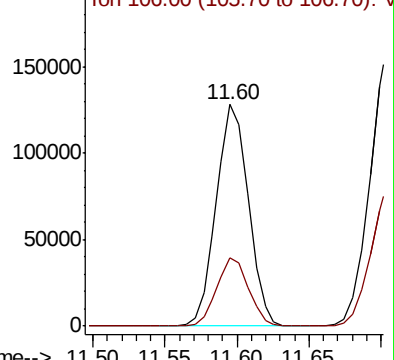
Ion Ratio Lower Upper

91 100

106 30.7 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1609) (-)



#68

m/p-Xylenes

Concen: 39.702 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002088.D

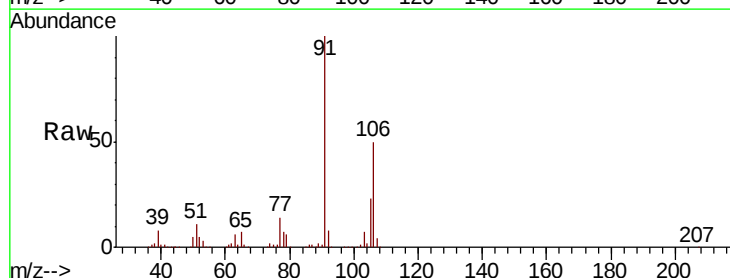
Acq: 26 Mar 2020 16:09

Tgt Ion: 106 Resp: 146251

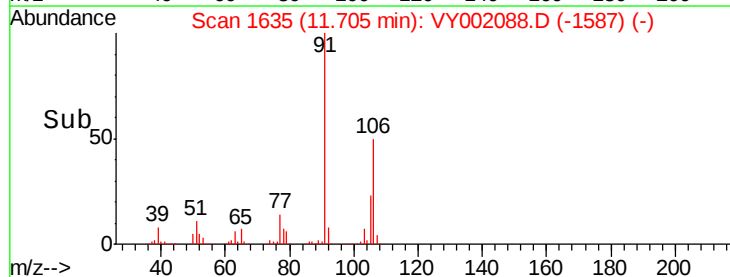
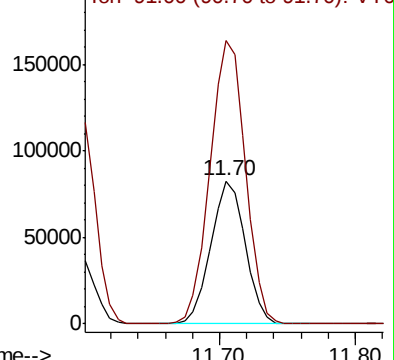
Ion Ratio Lower Upper

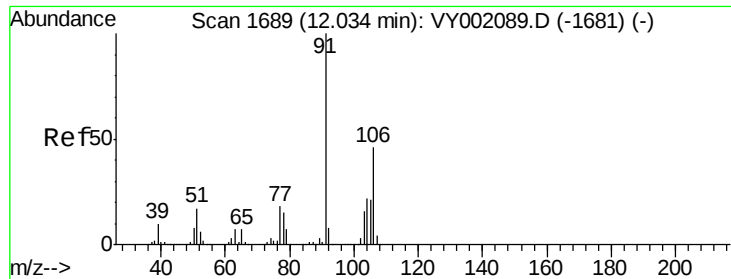
106 100

91 203.4 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VY002089.D (-1627) (-)

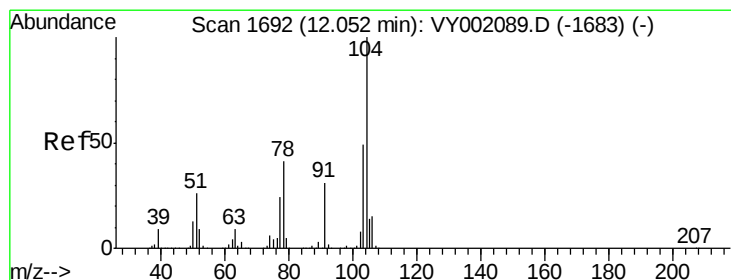
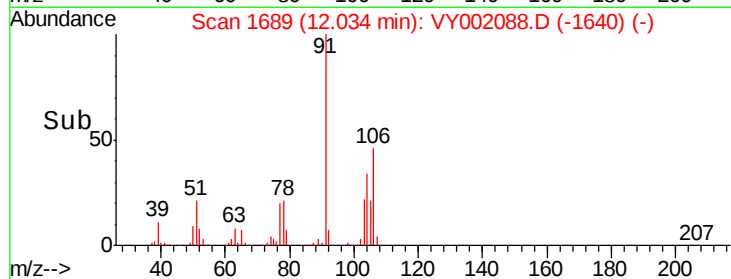
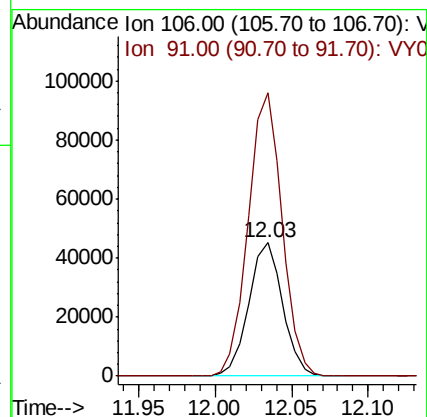
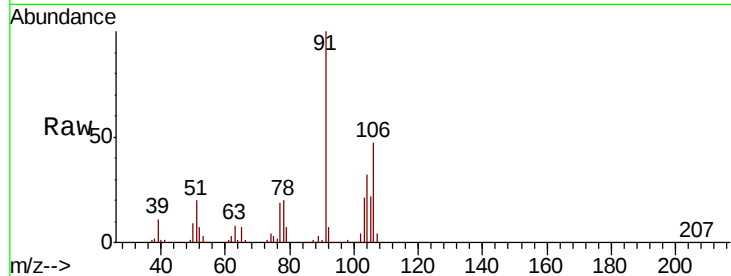




#69
o-Xylene
Concen: 19.994 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

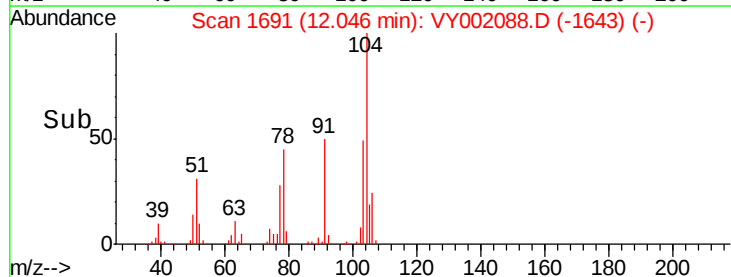
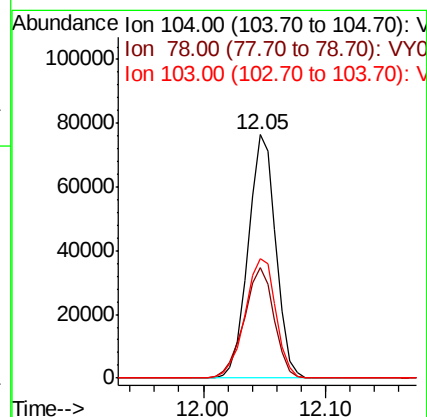
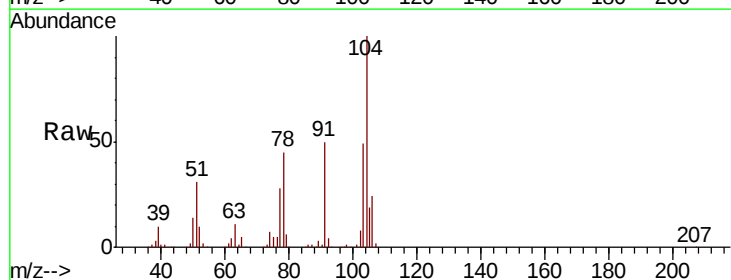
Instrument :
MSVOA_Y
ClientSampled :

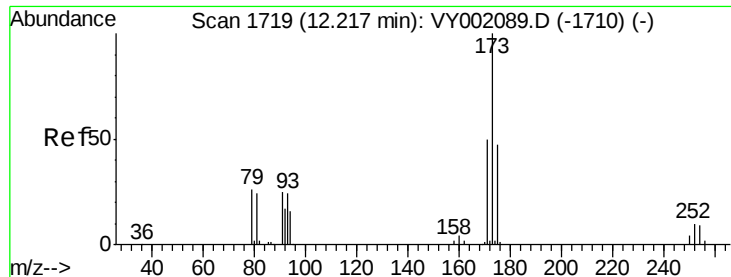
Tot Ion:106 Resp: 69486
Ion Ratio Lower Upper
106 100
91 213.1 107.3 321.8



#70
Styrene
Concen: 20.069 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion:104 Resp: 119541
Ion Ratio Lower Upper
104 100
78 49.4 37.9 56.9
103 54.8 43.2 64.8





#71

Bromoform

Concen: 20.437 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

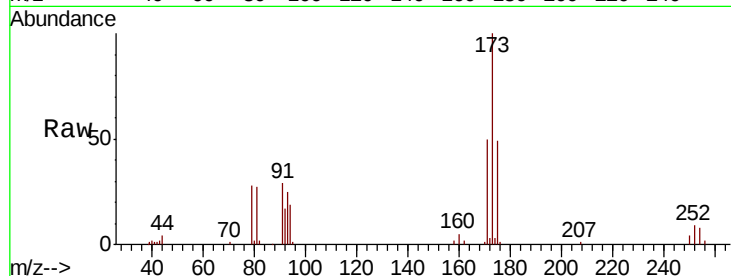
Tot Ion:173 Resp: 19418

Ion Ratio Lower Upper

173 100

175 46.6 23.9 71.8

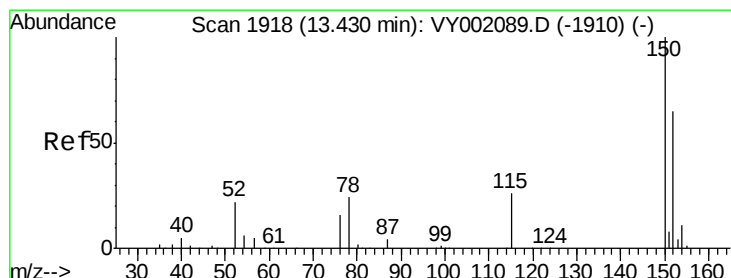
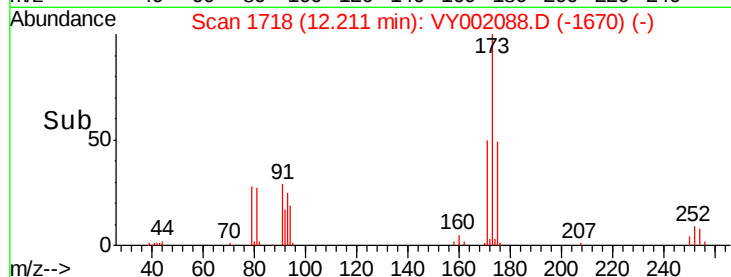
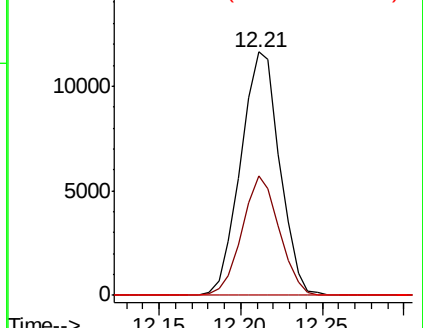
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

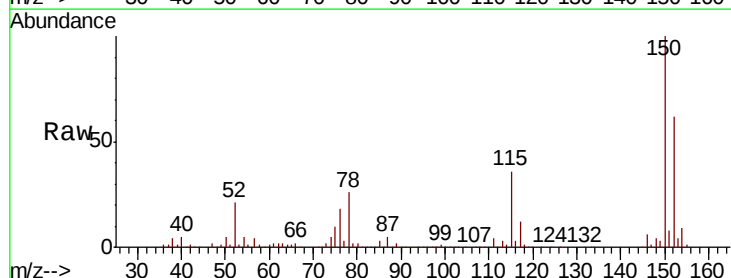
Tgt Ion:152 Resp: 129469

Ion Ratio Lower Upper

152 100

115 60.9 31.2 93.6

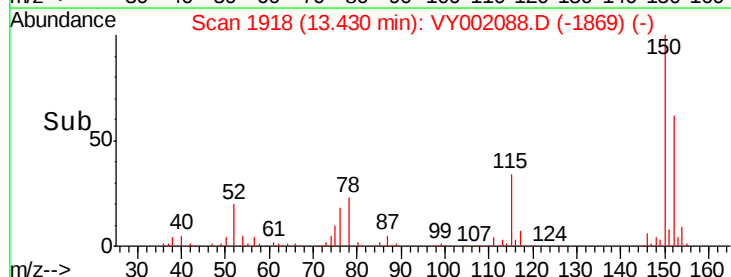
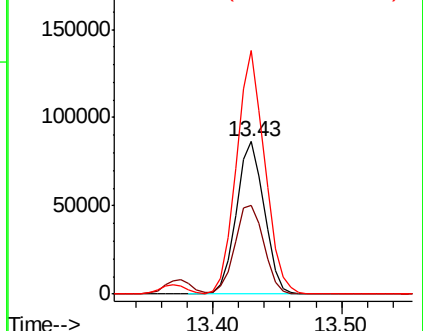
150 162.4 0.0 354.8

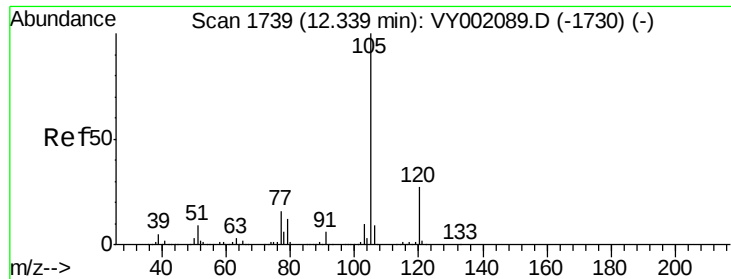


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

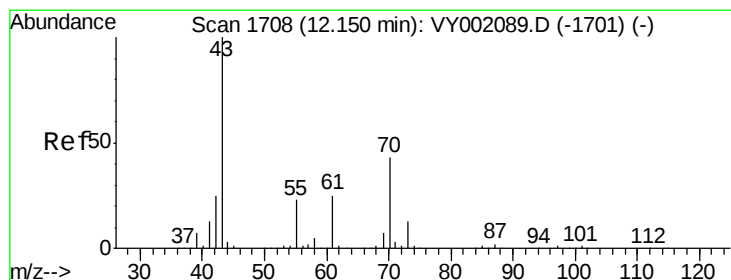
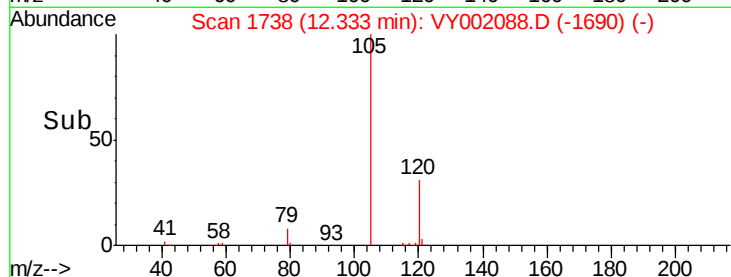
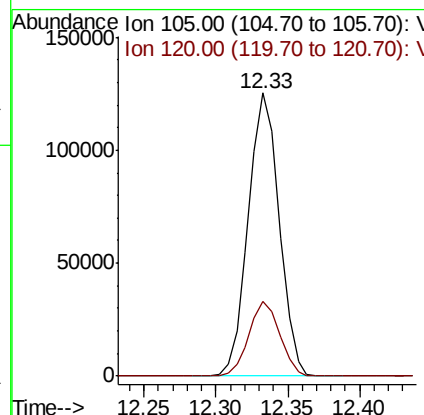
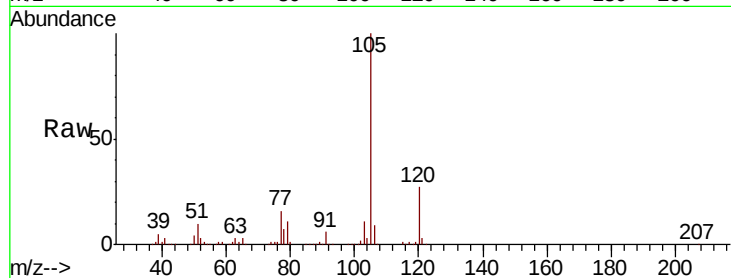




#73
Isopropylbenzene
Concen: 18.855 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

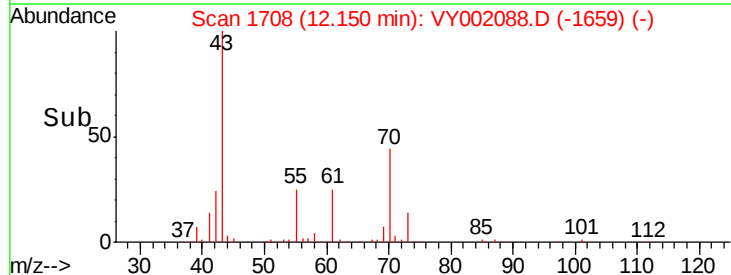
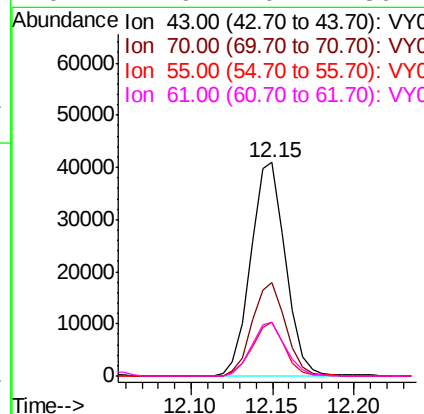
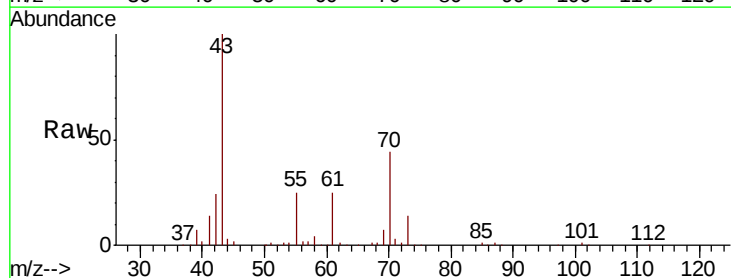
Instrument :
MSVOA_Y
ClientSampleId :

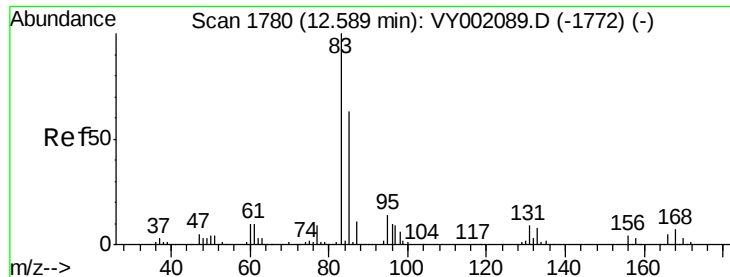
Tot Ion:105 Resp: 185792
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.8



#74
N-ethyl acetate
Concen: 20.006 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002088.D
Acq: 26 Mar 2020 16:09

Tgt Ion: 43 Resp: 60547
Ion Ratio Lower Upper
43 100
70 42.5 35.0 52.4
55 23.6 18.7 28.1
61 24.9 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.077 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

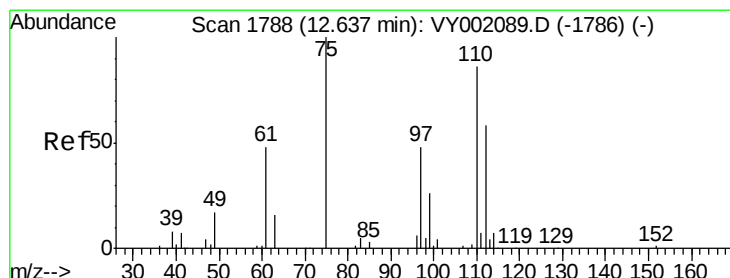
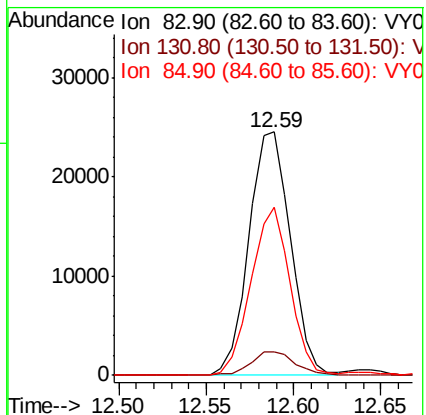
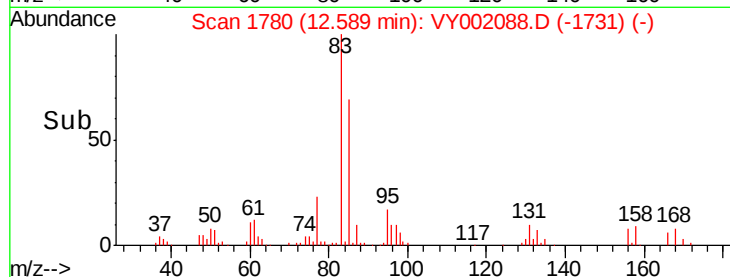
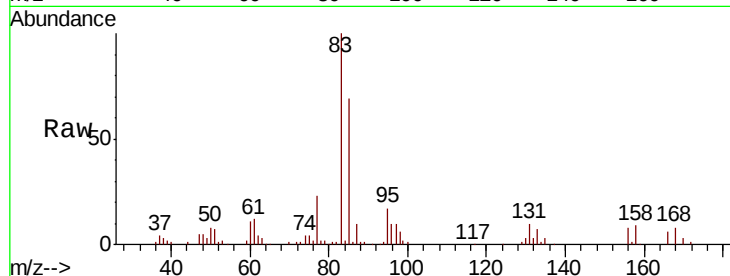
Tot Ion: 83 Resp: 40420

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

85 65.1 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 34.817 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002088.D

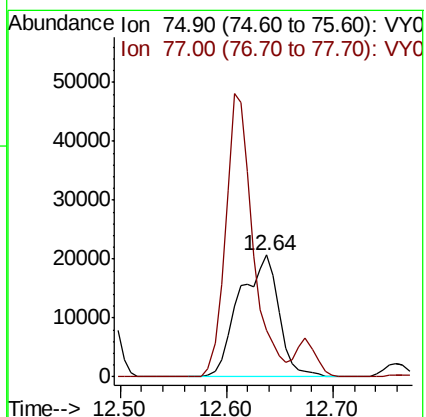
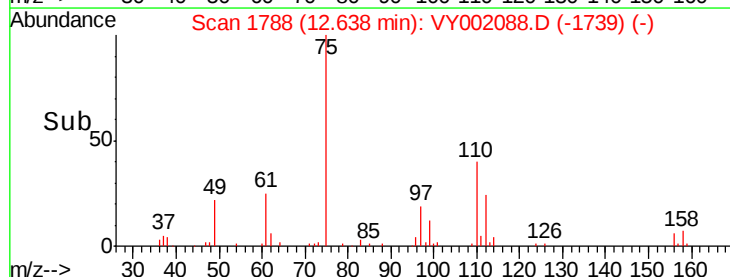
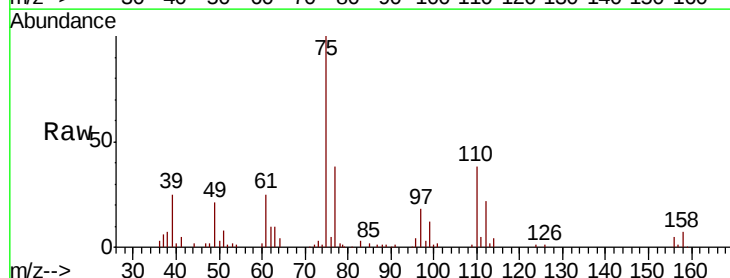
Acq: 26 Mar 2020 16:09

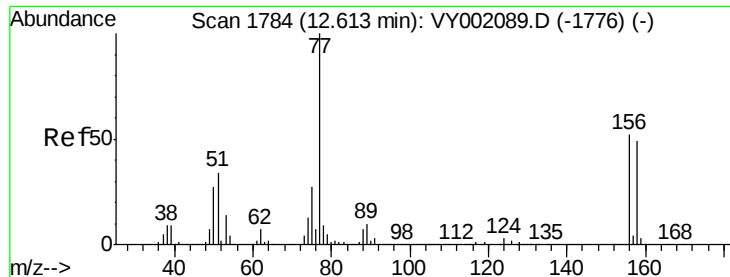
Tgt Ion: 75 Resp: 54032

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.111 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

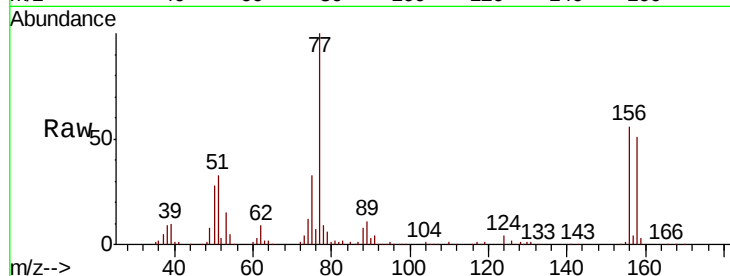
ClientSampled :

Tot Ion:156 Resp: 40057

Ion	Ratio	Lower	Upper
156	100		
77	215.5	107.8	323.6
158	96.8	47.5	142.6

77 215.5 107.8 323.6

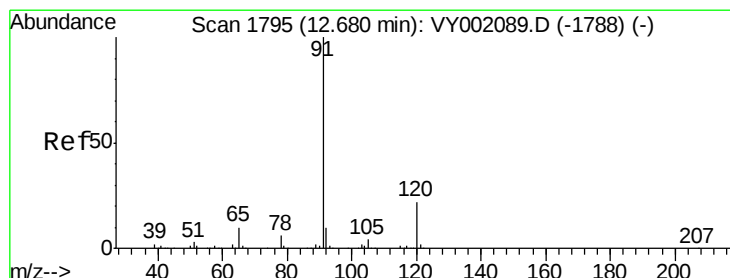
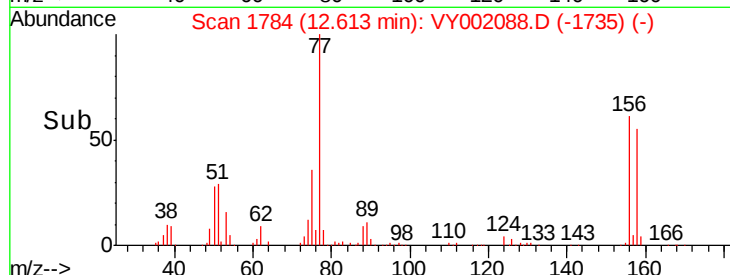
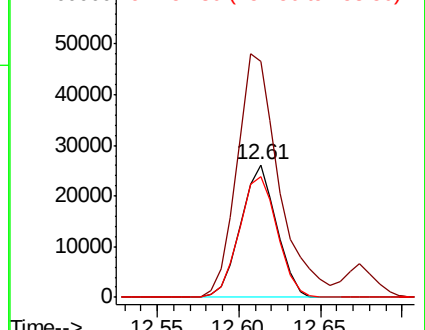
158 96.8 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.142 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002088.D

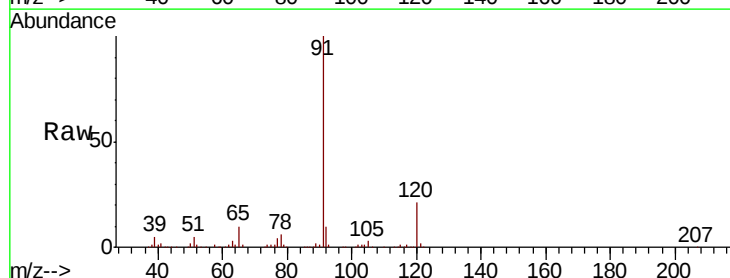
Acq: 26 Mar 2020 16:09

Tgt Ion: 91 Resp: 232973

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.1

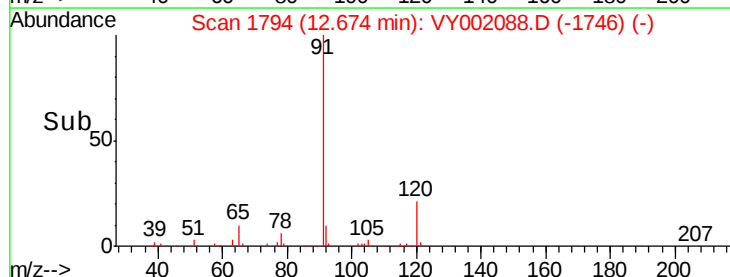
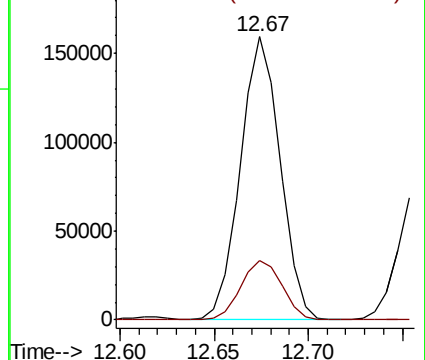
91 100

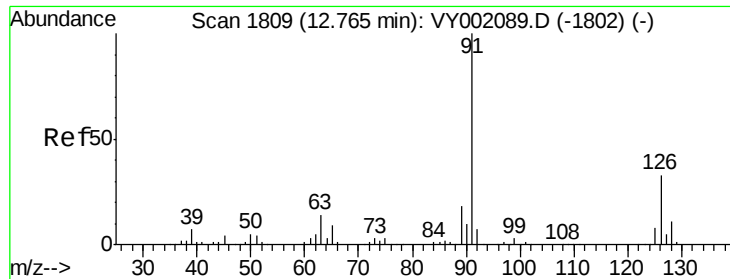
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

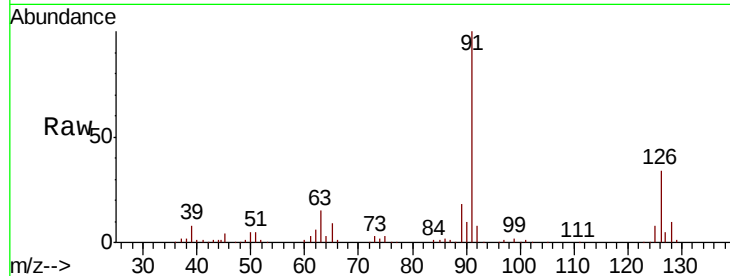




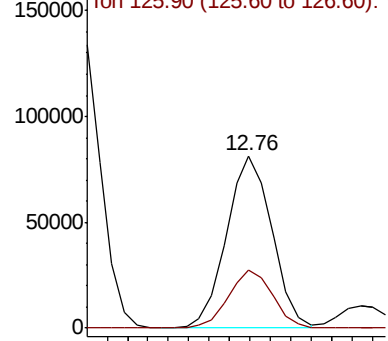
#79
 2-Chlorotoluene
 Concen: 18.727 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :

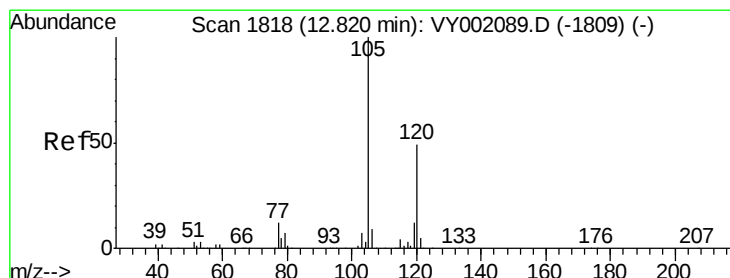
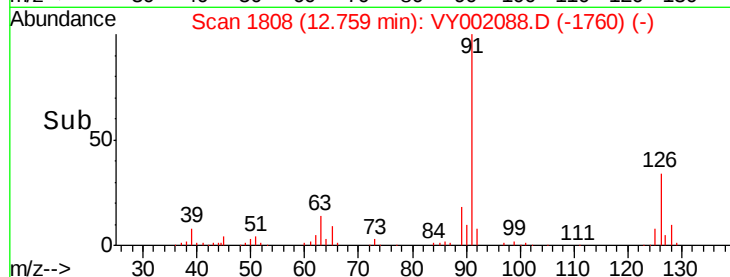
Tot Ion: 91 Resp: 125879
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1802) (-)
 Ion 125.90 (125.60 to 126.60): VY002089.D (-1802) (-)

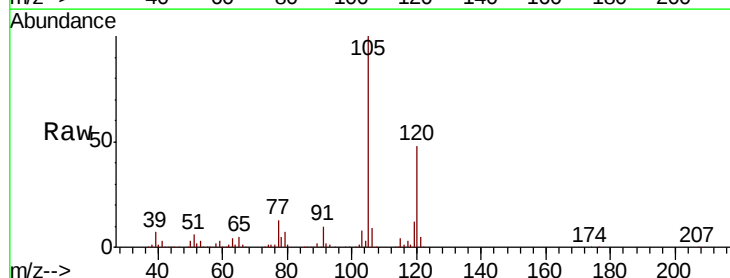


Time-->

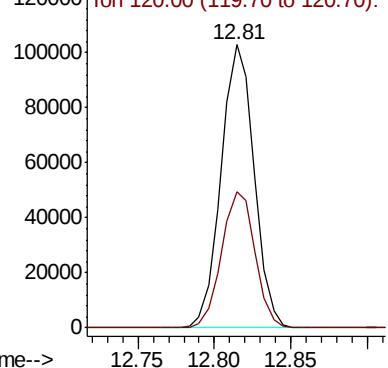


#80
 1,3,5-Trimethylbenzene
 Concen: 19.009 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

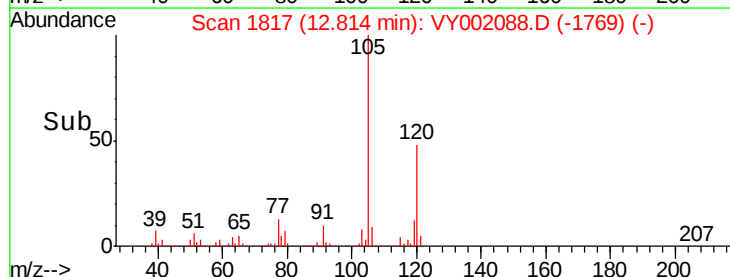
Tgt Ion: 105 Resp: 154593
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.4

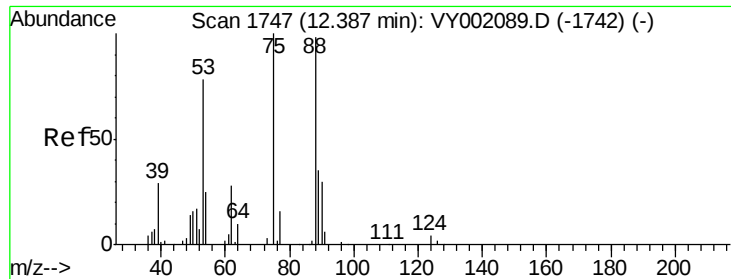


Abundance Ion 105.00 (104.70 to 105.70): VY002089.D (-1809) (-)
 Ion 120.00 (119.70 to 120.70): VY002089.D (-1809) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.592 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

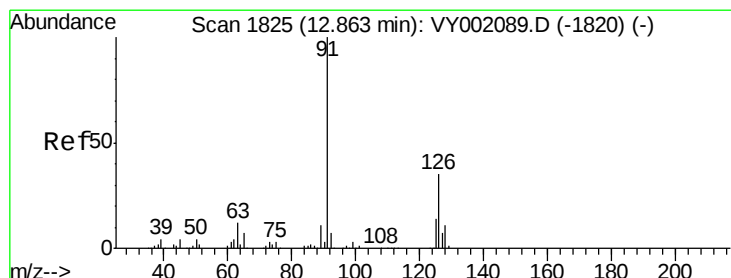
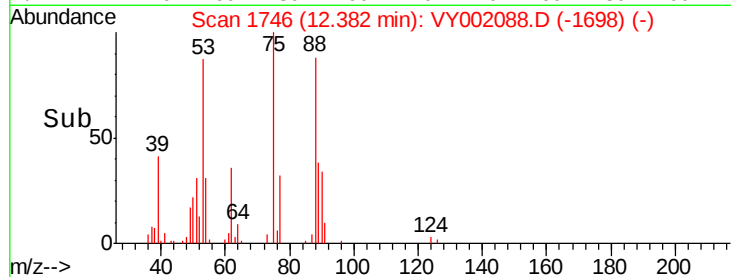
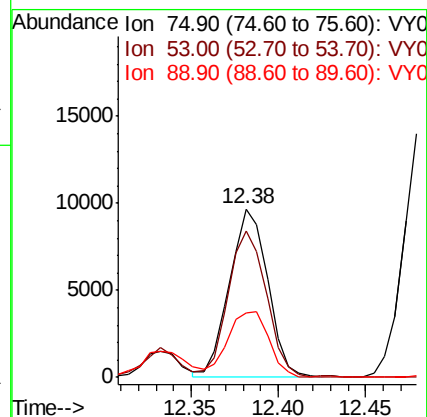
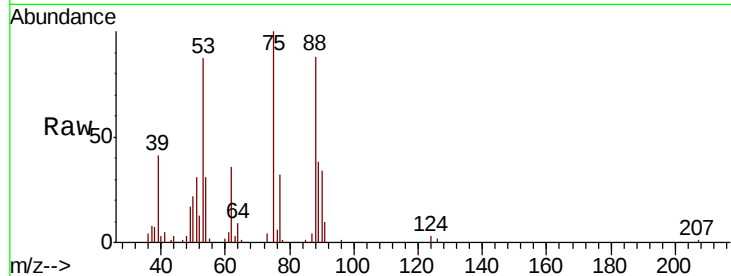
Tot Ion: 75 Resp: 14822

Ion Ratio Lower Upper

75 100

53 86.5 65.0 97.4

89 41.6 33.4 50.0



#82

4-Chlorotoluene

Concen: 19.288 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002088.D

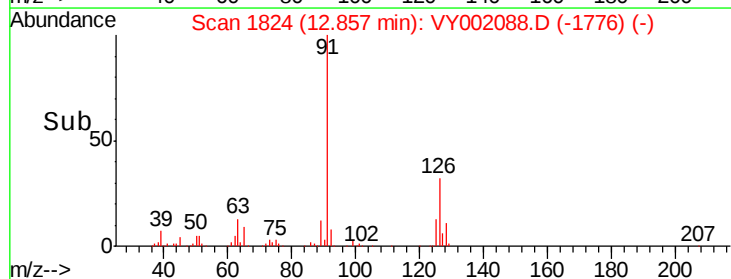
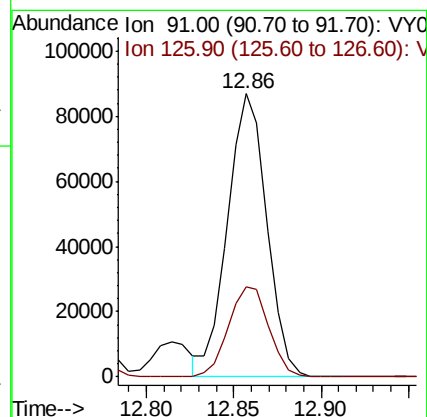
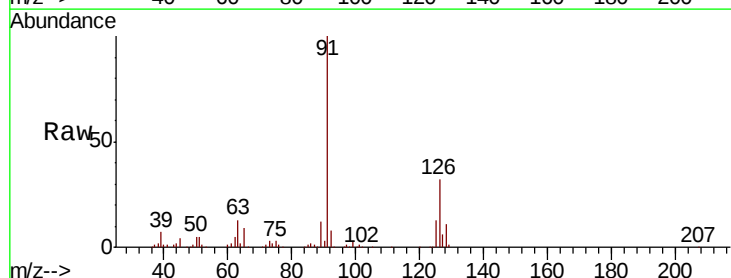
Acq: 26 Mar 2020 16:09

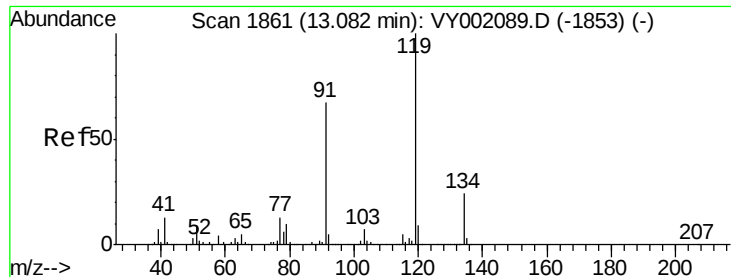
Tgt Ion: 91 Resp: 135176

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9

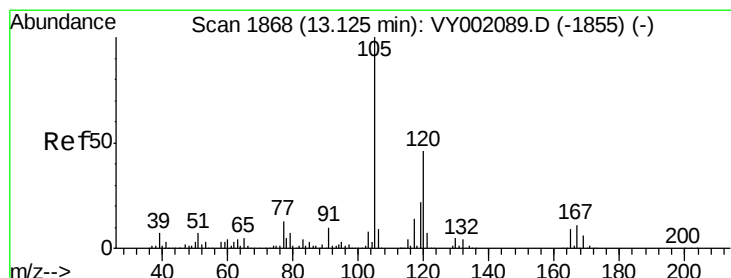
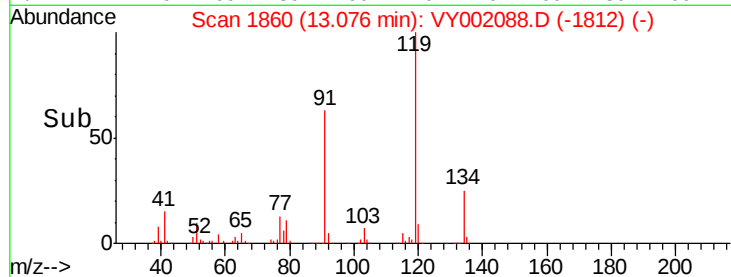
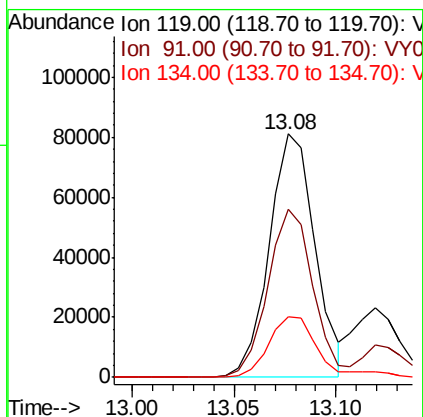
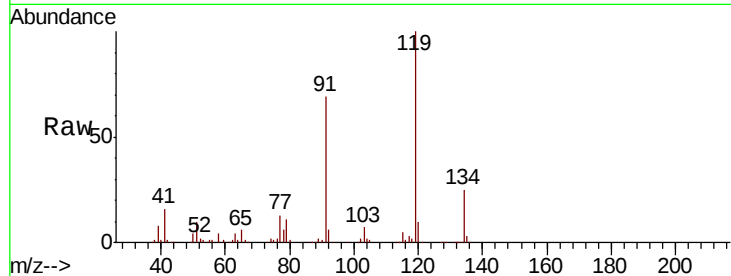




#83
 tert-Butylbenzene
 Concen: 18.717 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

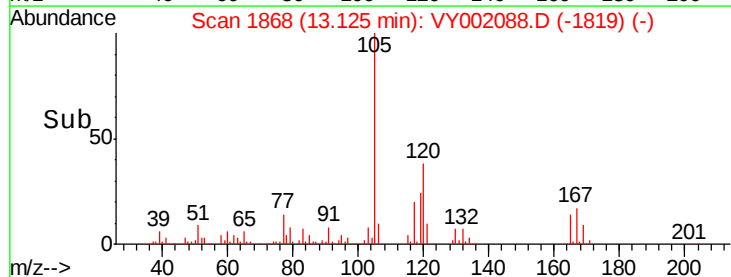
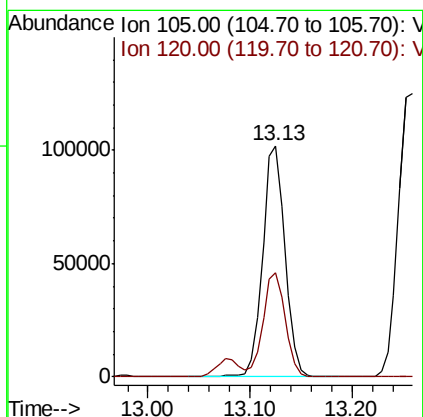
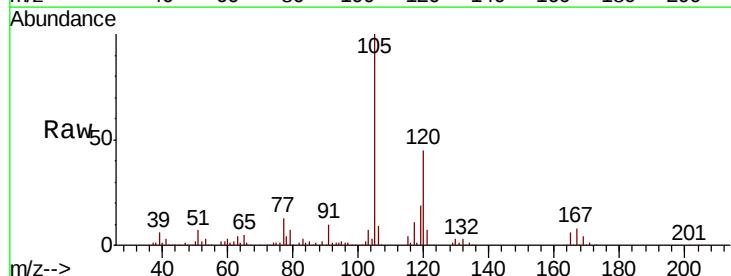
Instrument :
 MSVOA_Y
 ClientSampleId :

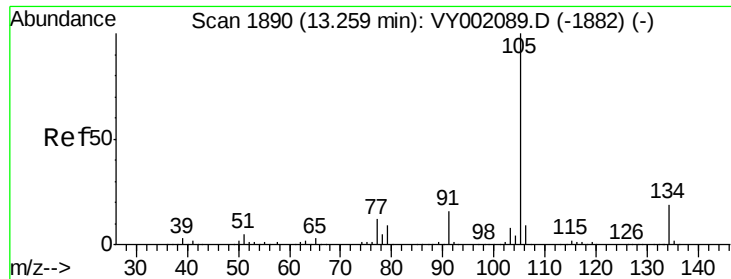
Tot Ion:119 Resp: 126804
 Ion Ratio Lower Upper
 119 100
 91 68.9 32.9 98.6
 134 27.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.316 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Tgt Ion:105 Resp: 155728
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.029 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

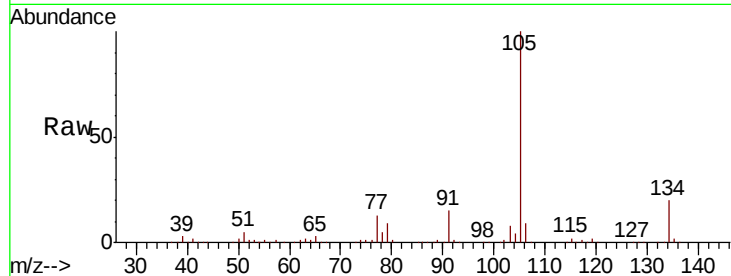
ClientSampleId :

Tot Ion:105 Resp: 189536

Ion Ratio Lower Upper

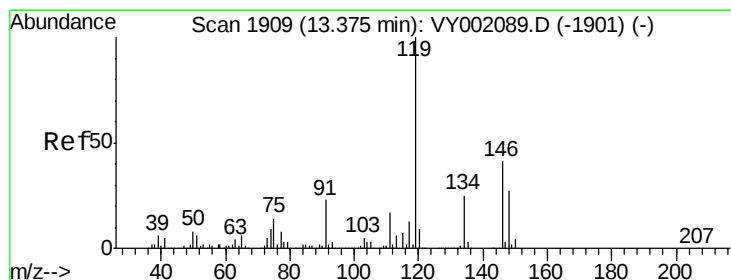
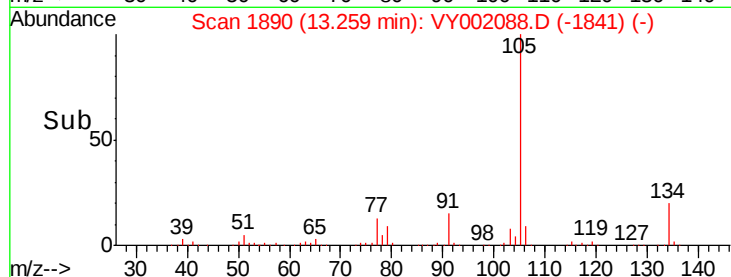
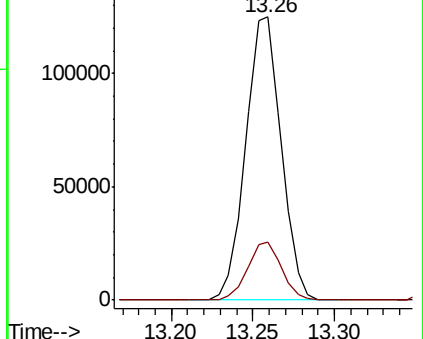
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.403 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

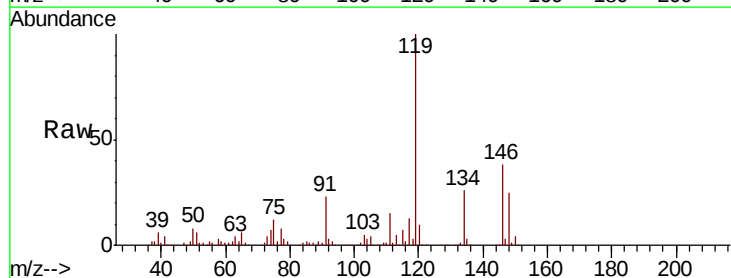
Tgt Ion:119 Resp: 166796

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

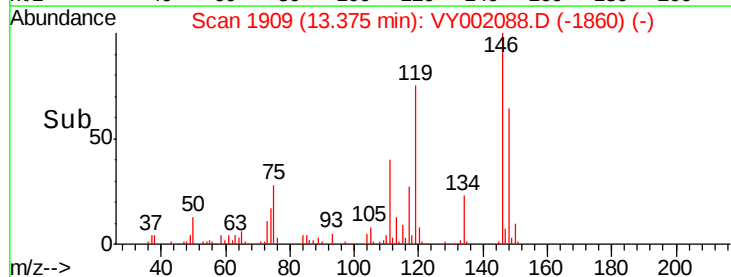
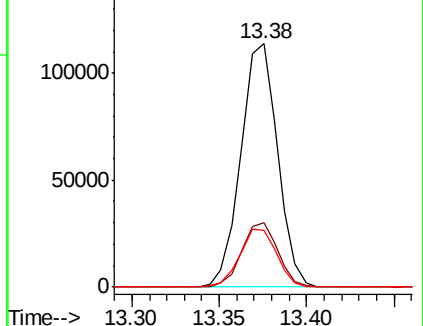
91 24.0 11.8 35.3

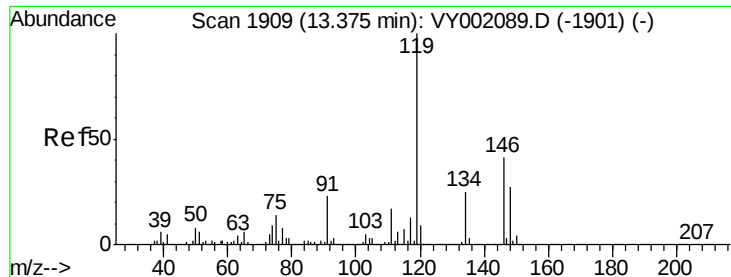


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

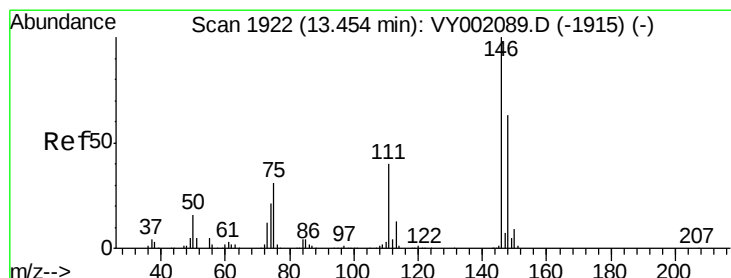
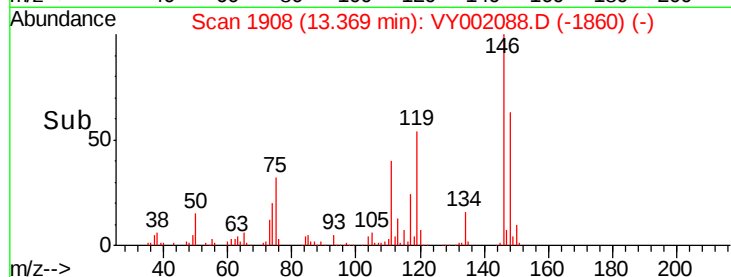
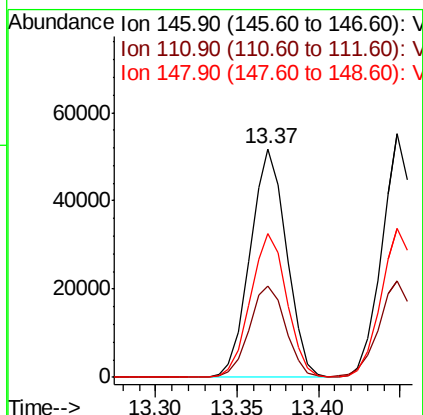
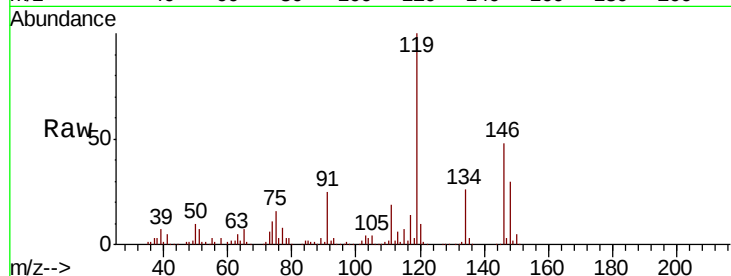




#87
 1,3-Dichlorobenzene
 Concen: 19.580 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

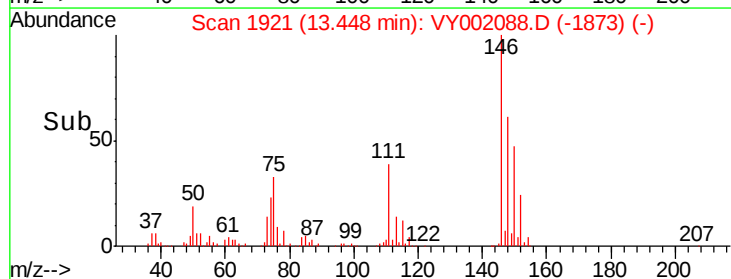
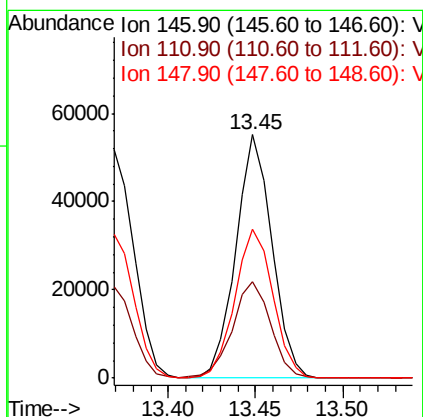
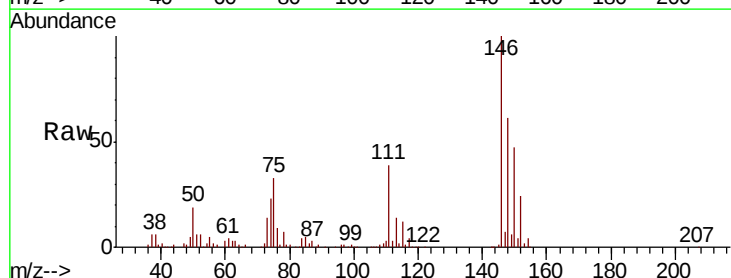
Instrument :
 MSVOA_Y
 ClientSampleId :

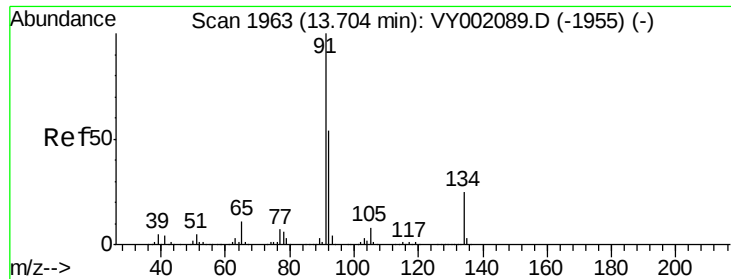
Tot Ion:146 Resp: 80198
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.9 62.8
 148 62.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.113 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Tgt Ion:146 Resp: 79357
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.3 60.9
 148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 19.396 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

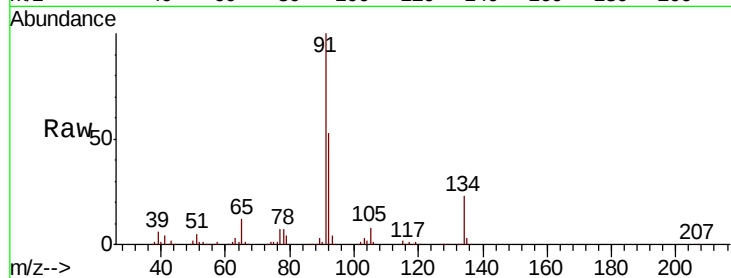
Tot Ion: 91 Resp: 173061

Ion Ratio Lower Upper

91 100

92 53.3 27.0 81.0

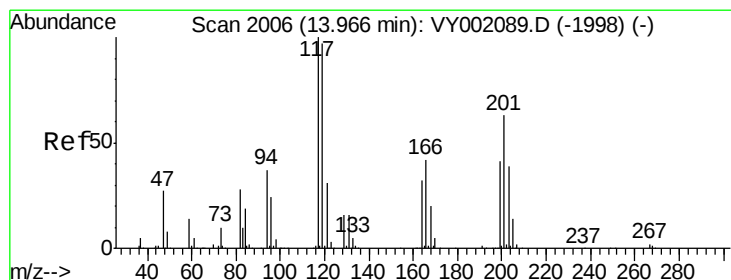
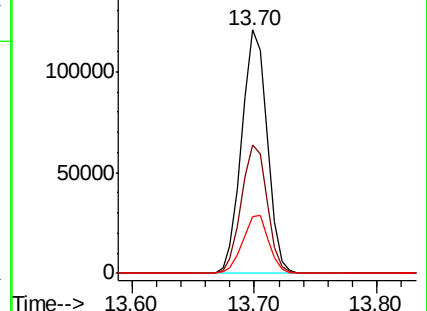
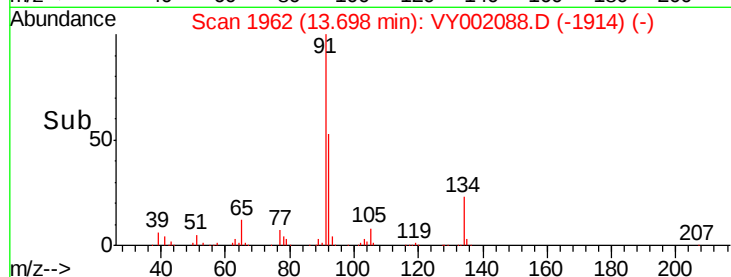
134 24.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002089.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002089.D (-1955) (-)



#90

Hexachloroethane

Concen: 18.913 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002088.D

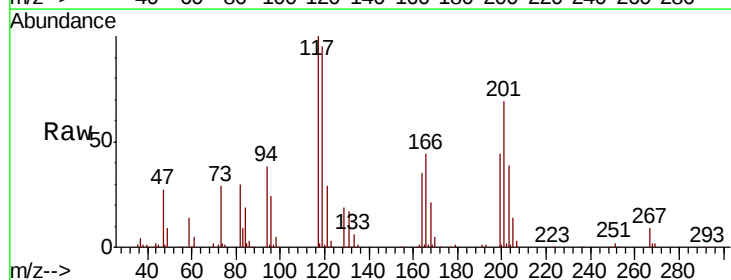
Acq: 26 Mar 2020 16:09

Tgt Ion: 117 Resp: 30663

Ion Ratio Lower Upper

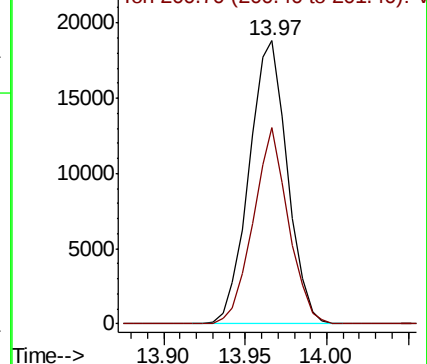
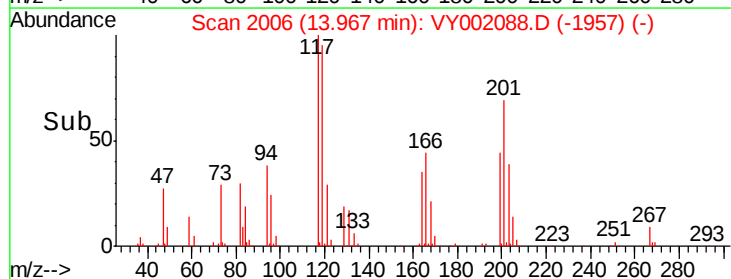
117 100

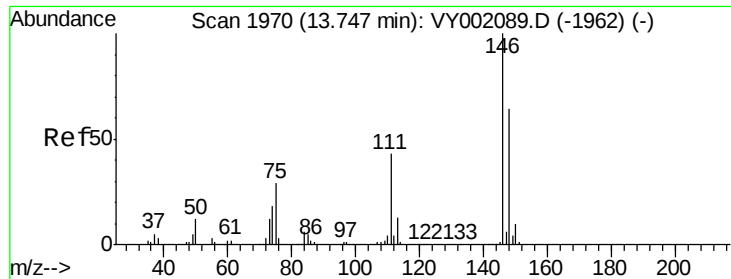
201 63.6 31.6 94.8



Abundance Ion 116.80 (116.50 to 117.50): VY002089.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002089.D (-1998) (-)

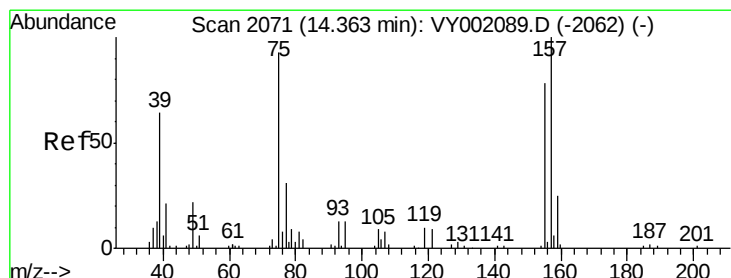
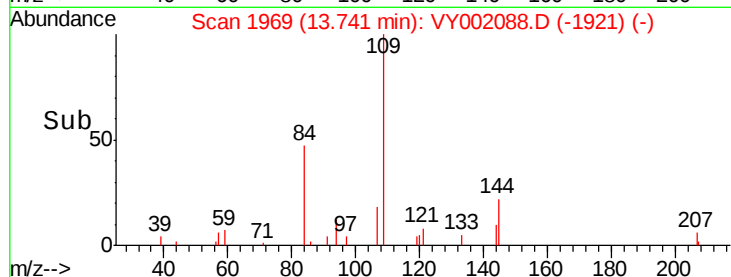
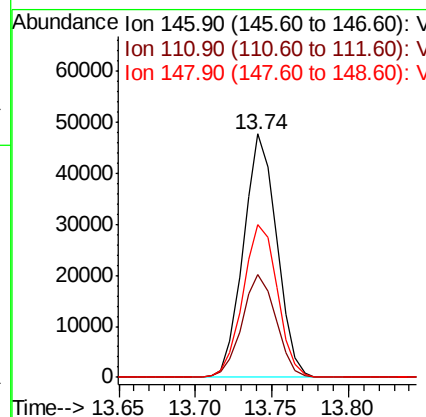
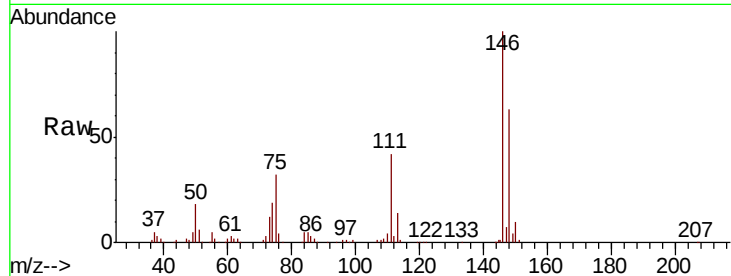




#91
 1,2-Dichlorobenzene
 Concen: 19.326 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

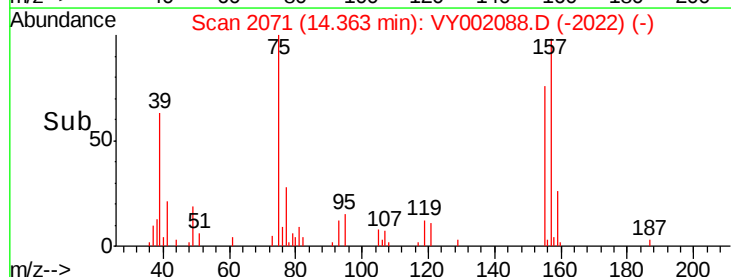
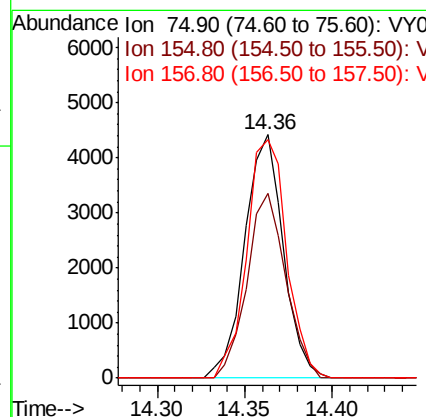
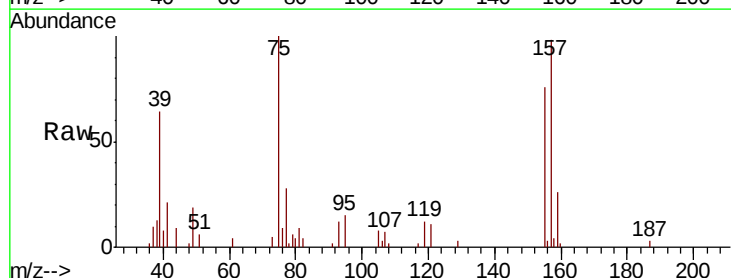
Instrument :
 MSVOA_Y
 ClientSampleId :

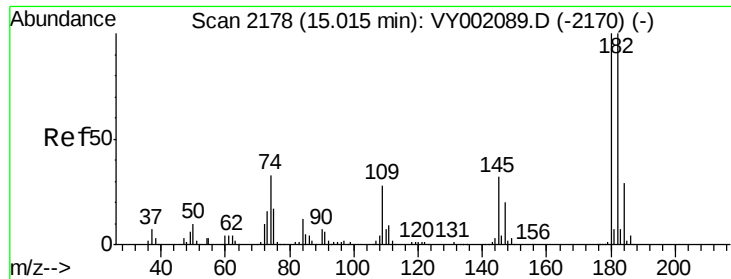
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.7
148	64.7	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.456 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.1	41.6	124.9
157	101.4	53.4	160.3

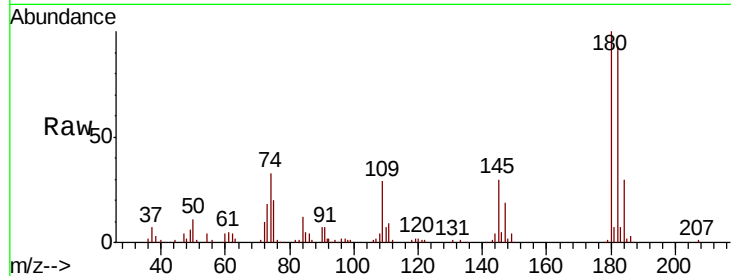




#93
 1,2,4-Trichlorobenzene
 Concen: 19.413 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.3
145	32.3	15.9	47.6

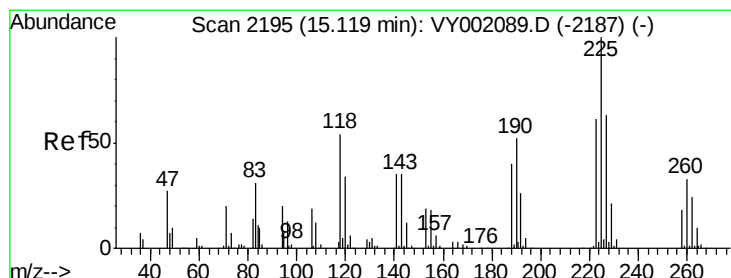
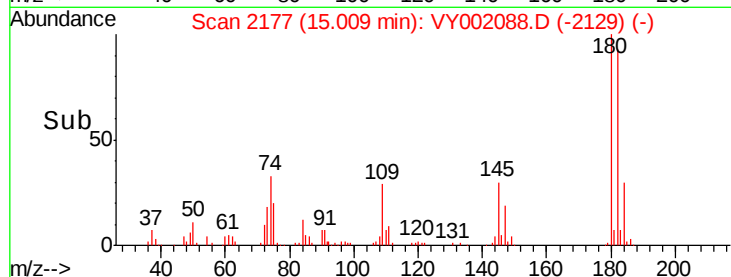
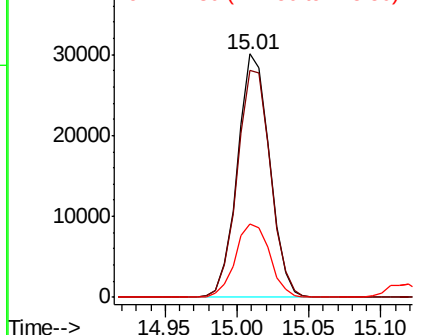


Abundance

Ion 179.80 (179.50 to 180.50): V

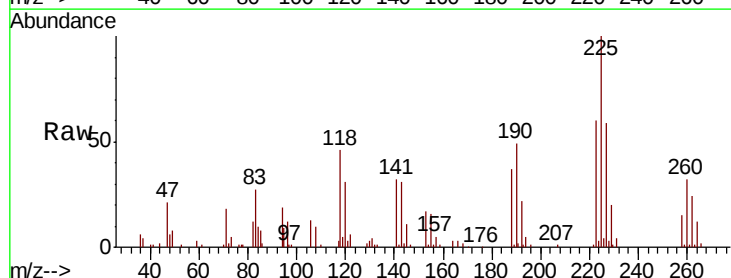
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.713 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002088.D
 Acq: 26 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.3
227	62.1	31.6	94.7

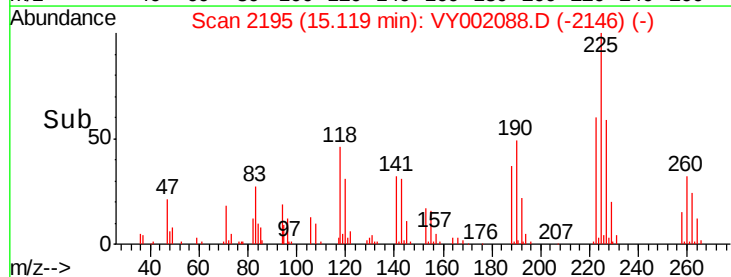
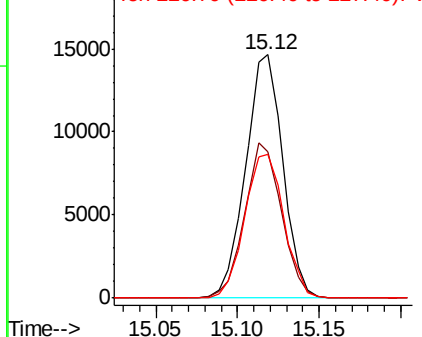


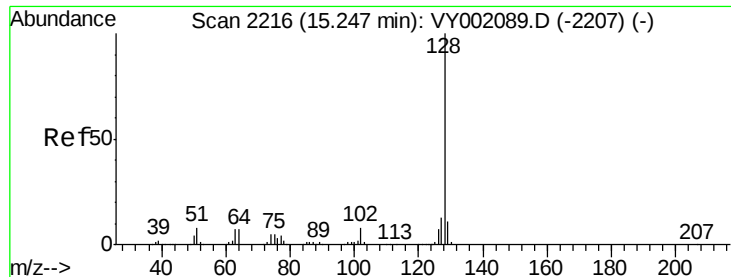
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.458 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

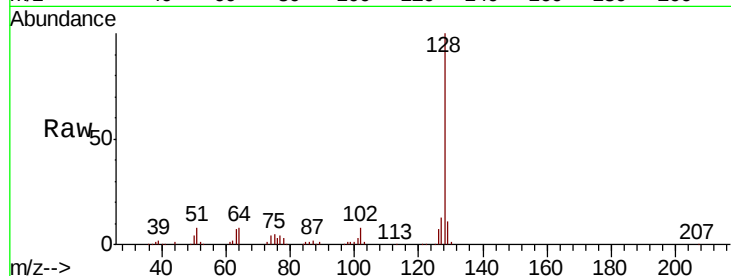
Tot Ion:128 Resp: 111275

Ion Ratio Lower Upper

128 100

127 13.1 9.8 14.8

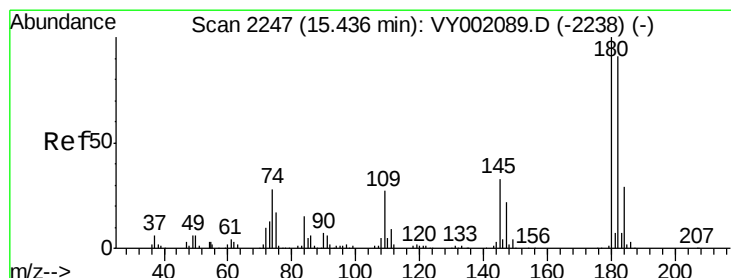
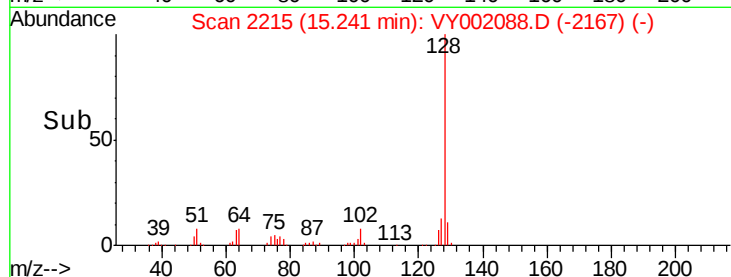
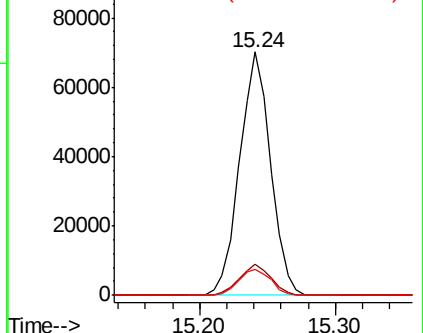
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.835 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

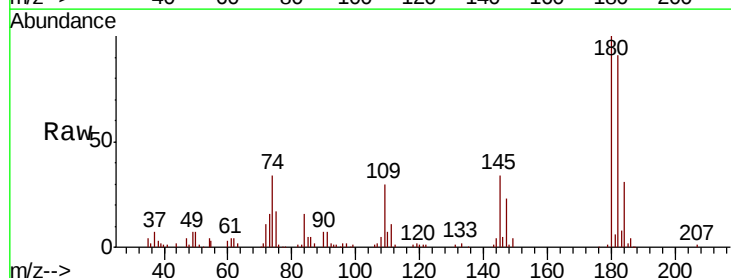
Tgt Ion:180 Resp: 42315

Ion Ratio Lower Upper

180 100

182 94.4 46.8 140.3

145 33.2 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

