

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002388.D
 Acq On : 17 Apr 2020 11:09
 Operator : SY/MD
 Sample : VY0417SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:33:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	165330	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	294247	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	257611	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	119673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	73169	39.80	ug/l	0.01
Spiked Amount	50.000		Recovery	=	79.60%	
35) Dibromofluoromethane	7.75	113	83535	47.71	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	10.19	98	344790	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
62) 4-Bromofluorobenzene	12.49	95	114570	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	30296	18.131	ug/l	98
3) Chloromethane	2.13	50	40319	19.173	ug/l	96
4) Vinyl Chloride	2.27	62	42893	19.163	ug/l	96
5) Bromomethane	2.66	94	27470	19.873	ug/l	94
6) Chloroethane	2.81	64	24411	18.910	ug/l	97
7) Trichlorofluoromethane	3.15	101	55725	19.277	ug/l	98
8) Diethyl Ether	3.55	74	23632	19.230	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.92	101	39666	20.201	ug/l	99
10) Methyl Iodide	4.12	142	42967	18.825	ug/l	97
11) Tert butyl alcohol	4.99	59	20075	79.685	ug/l	98
12) 1,1-Dichloroethene	3.90	96	41427	20.752	ug/l	86
13) Acrolein	3.76	56	17247	72.753	ug/l	98
14) Allyl chloride	4.51	41	52877	16.403	ug/l #	92
15) Acrylonitrile	5.20	53	53354	84.900	ug/l	99
16) Acetone	3.97	43	39358	81.276	ug/l #	86
17) Carbon Disulfide	4.22	76	131485	19.832	ug/l	98
18) Methyl Acetate	4.51	43	24055	16.015	ug/l	90
19) Methyl tert-butyl Ether	5.26	73	94042	17.919	ug/l	95
20) Methylene Chloride	4.75	84	49552	20.819	ug/l	88
21) trans-1,2-Dichloroethene	5.25	96	46504	20.754	ug/l	89
22) Diisopropyl ether	6.15	45	110367	17.012	ug/l	97
23) Vinyl Acetate	6.10	43	330489	79.939	ug/l #	94
24) 1,1-Dichloroethane	6.05	63	68429	18.544	ug/l	99
25) 2-Butanone	7.02	43	58271	76.037	ug/l	95
26) 2,2-Dichloropropane	7.01	77	56732	18.379	ug/l	96
27) cis-1,2-Dichloroethene	7.02	96	49492	20.262	ug/l	90
28) Bromochloromethane	7.36	49	28660	17.992	ug/l	90
29) Tetrahydrofuran	7.38	42	38316	75.637	ug/l	89
30) Chloroform	7.53	83	66463	19.107	ug/l	98
31) Cyclohexane	7.81	56	69291	17.889	ug/l	92
32) 1,1,1-Trichloroethane	7.73	97	55077	19.023	ug/l	98
36) 1,1-Dichloropropene	7.94	75	55740	19.232	ug/l	95
37) Ethyl Acetate	7.11	43	25546	15.429	ug/l	96
38) Carbon Tetrachloride	7.93	117	48567	19.591	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.21	83	76496	19.403	ug/l	92
40) Benzene	8.19	78	176301	20.049	ug/l	100
41) Methacrylonitrile	7.38	41	32950	33.735	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	37357	17.150	ug/l	94
43) Isopropyl Acetate	8.29	43	45862	15.188	ug/l	91
44) Trichloroethene	8.96	130	51530	19.932	ug/l	89
45) 1,2-Dichloropropane	9.24	63	40787	18.694	ug/l	94
46) Dibromomethane	9.33	93	21447	18.800	ug/l	96
47) Bromodichloromethane	9.52	83	49561	18.934	ug/l	98
48) Methyl methacrylate	9.31	41	20041	14.801	ug/l #	86
49) 1,4-Dioxane	9.32	88	5801	359.488	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	120086	76.317	ug/l	93
52) Toluene	10.26	92	107084	20.207	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	53210	18.658	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	65637	19.143	ug/l	94
55) 1,1,2-Trichloroethane	10.66	97	32318	19.350	ug/l	97
56) Ethyl methacrylate	10.52	69	41895	17.576	ug/l	90
57) 1,3-Dichloropropane	10.80	76	54979	18.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	110637	89.629	ug/l	97
59) 2-Hexanone	10.85	43	86413	79.129	ug/l	95
60) Dibromochloromethane	11.00	129	34934	19.616	ug/l	99
61) 1,2-Dibromoethane	11.10	107	30098	18.930	ug/l	99
64) Tetrachloroethene	10.74	164	55299	21.232	ug/l	96
65) Chlorobenzene	11.53	112	111714	20.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	36385	20.580	ug/l	96
67) Ethyl Benzene	11.61	91	202448	20.651	ug/l	97
68) m/p-Xylenes	11.71	106	152944	41.654	ug/l	98
69) o-Xylene	12.04	106	72519	21.037	ug/l	95
70) Styrene	12.05	104	123207	20.601	ug/l	98
71) Bromoform	12.22	173	18925	19.684	ug/l #	96
73) Isopropylbenzene	12.34	105	193582	20.590	ug/l	100
74) N-amyl acetate	12.16	43	41821	15.671	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.59	83	23166	20.366	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	46911	33.757	ug/l #	100
77) Bromobenzene	12.62	156	42600	20.595	ug/l	91
78) n-propylbenzene	12.68	91	235840	20.170	ug/l	99
79) 2-Chlorotoluene	12.77	91	126363	19.886	ug/l	98
80) 1,3,5-Trimethylbenzene	12.83	105	156651	20.147	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	13051	18.266	ug/l	98
82) 4-Chlorotoluene	12.86	91	130507	19.595	ug/l	97
83) tert-Butylbenzene	13.09	119	132745	20.382	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	155847	20.072	ug/l	98
85) sec-Butylbenzene	13.27	105	199086	20.520	ug/l	99
86) p-Isopropyltoluene	13.38	119	172752	20.688	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	82608	20.607	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	81949	20.139	ug/l	99
89) n-Butylbenzene	13.71	91	171421	20.028	ug/l	99
90) Hexachloroethane	13.97	117	31522	19.810	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	73975	20.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	4861	17.670	ug/l	92

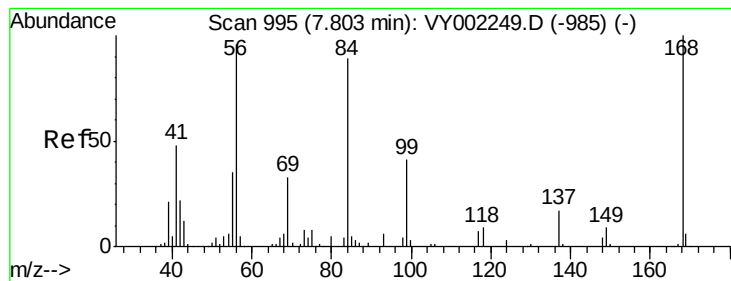
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	47075	19.772	ug/l	99
94) Hexachlorobutadiene	15.12	225	24418	20.362	ug/l	99
95) Naphthalene	15.25	128	97894	18.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	40241	19.465	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

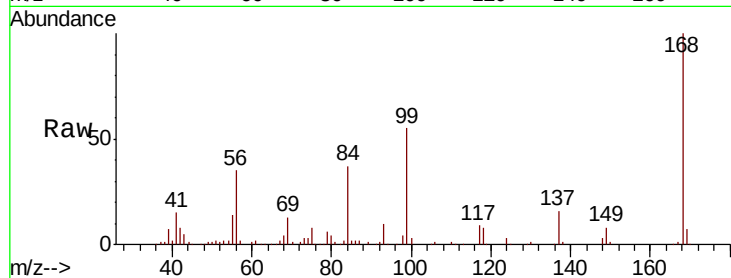
ClientSampled :

Tot Ion:168 Resp: 165330

Ion Ratio Lower Upper

168 100

99 54.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.82

80000

60000

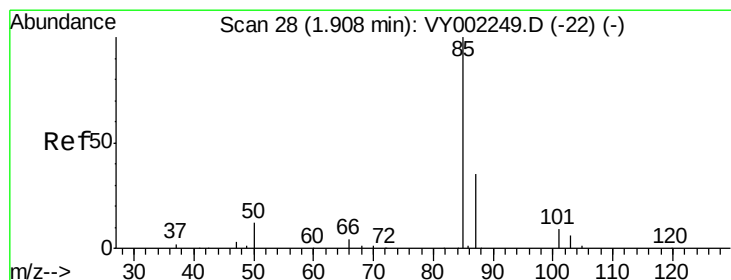
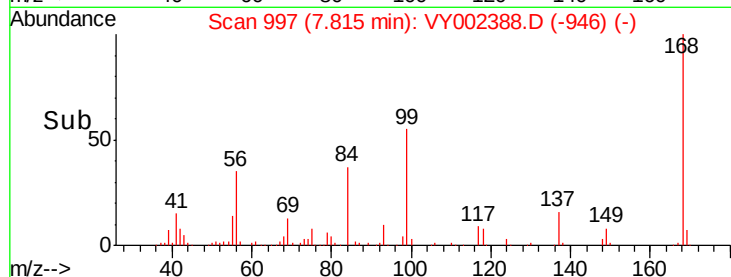
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.131 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002388.D

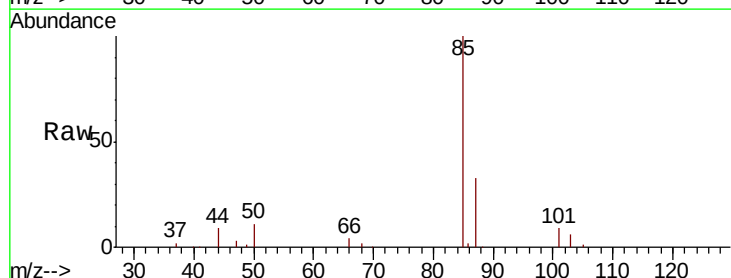
Acq: 17 Apr 2020 11:09

Tgt Ion: 85 Resp: 30296

Ion Ratio Lower Upper

85 100

87 33.2 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

25000

20000

15000

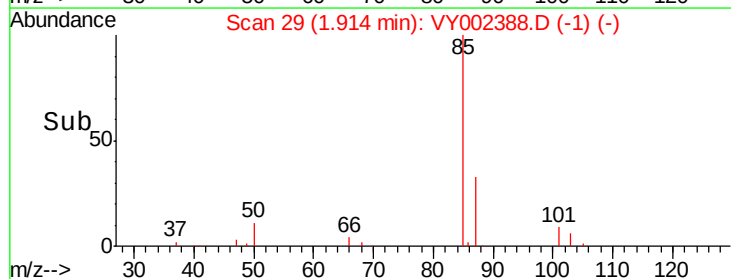
10000

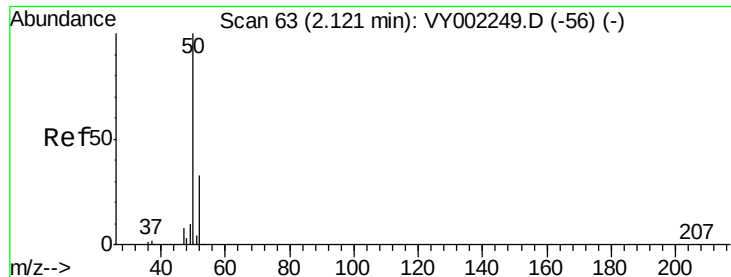
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.173 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

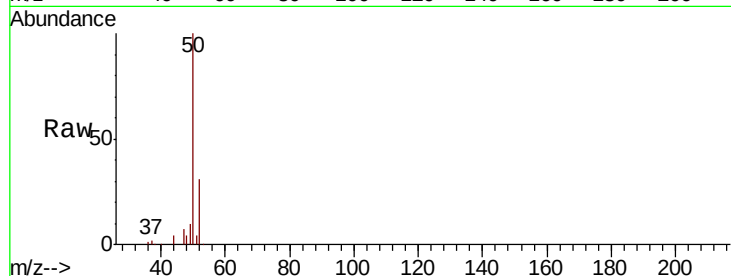
ClientSampleId :

Tot Ion: 50 Resp: 40319

Ion Ratio Lower Upper

50 100

52 31.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

30000

25000

20000

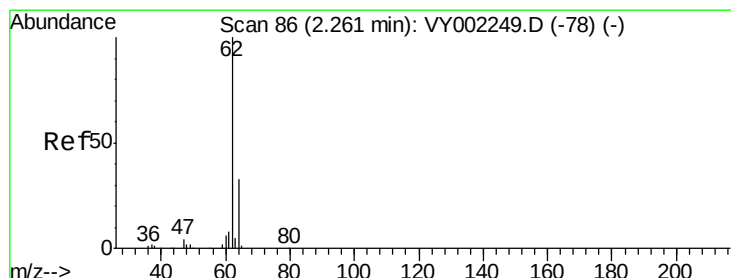
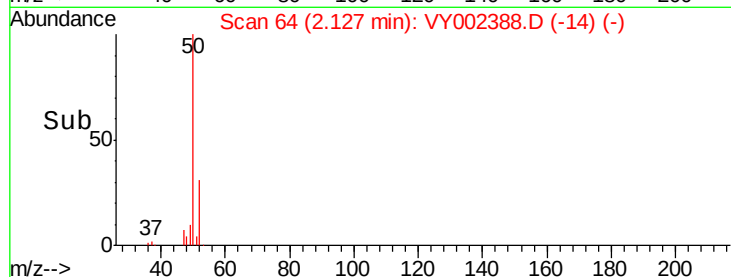
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 19.163 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002388.D

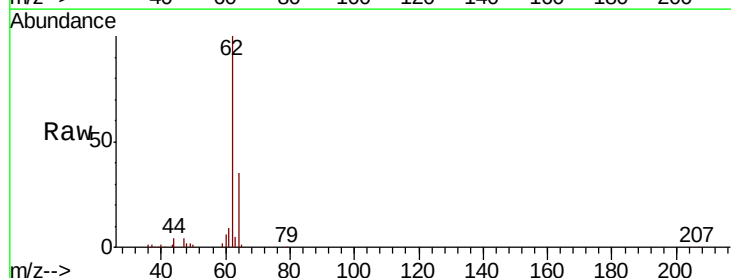
Acq: 17 Apr 2020 11:09

Tgt Ion: 62 Resp: 42893

Ion Ratio Lower Upper

62 100

64 35.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

30000

25000

20000

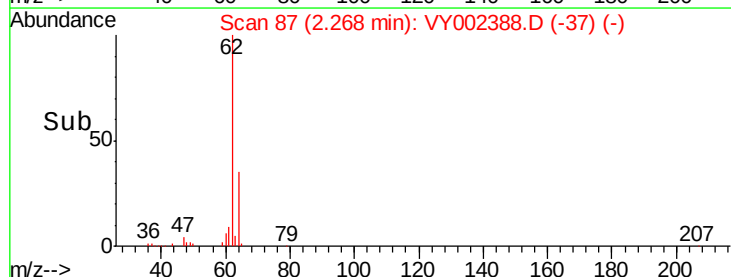
15000

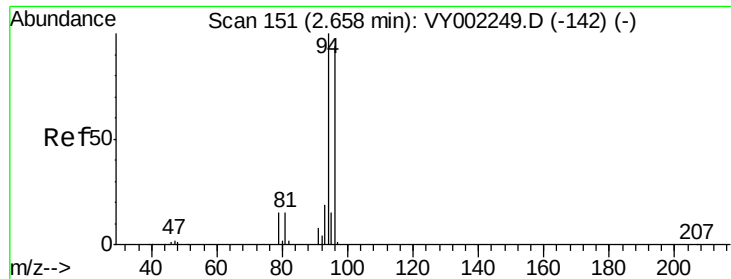
10000

5000

0

Time-->





#5

Bromomethane

Concen: 19.873 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

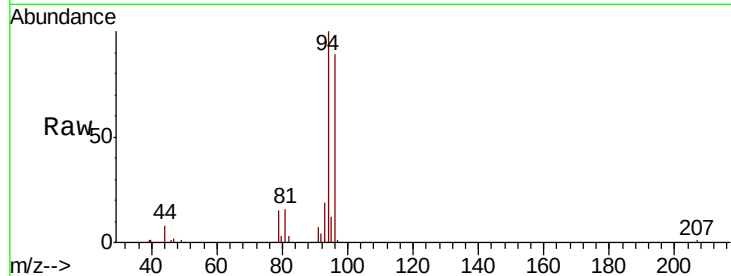
ClientSampled :

Tot Ion: 94 Resp: 27470

Ion Ratio Lower Upper

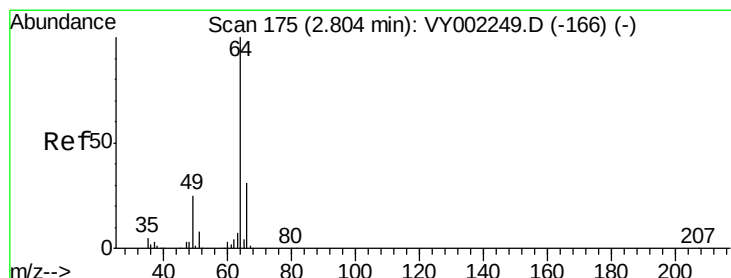
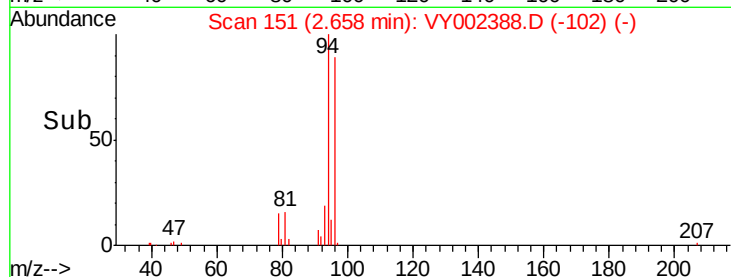
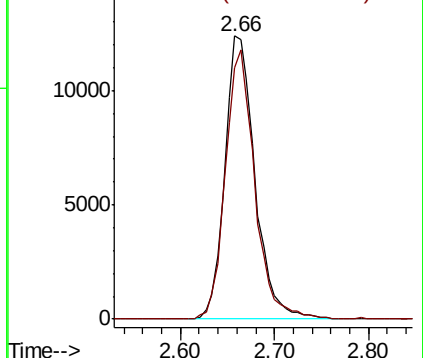
94 100

96 88.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.910 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002388.D

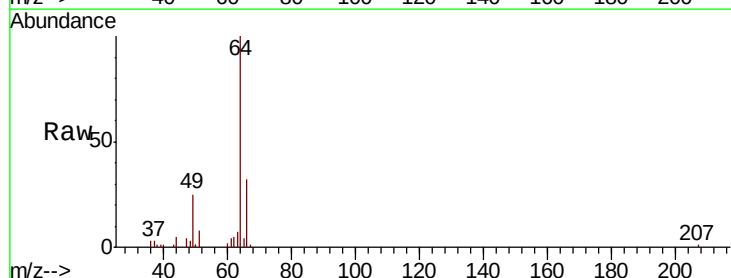
Acq: 17 Apr 2020 11:09

Tgt Ion: 64 Resp: 24411

Ion Ratio Lower Upper

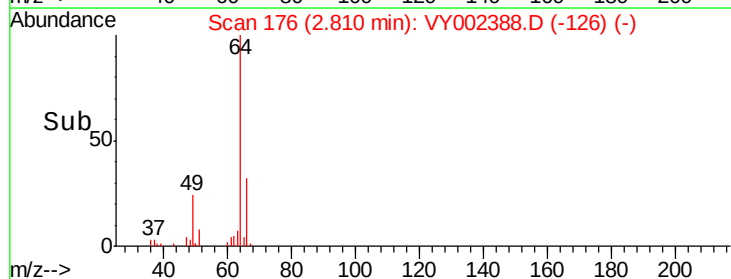
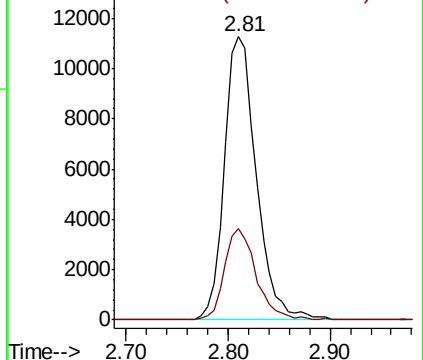
64 100

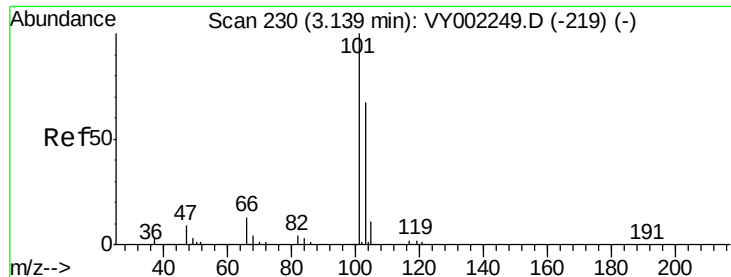
66 32.4 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



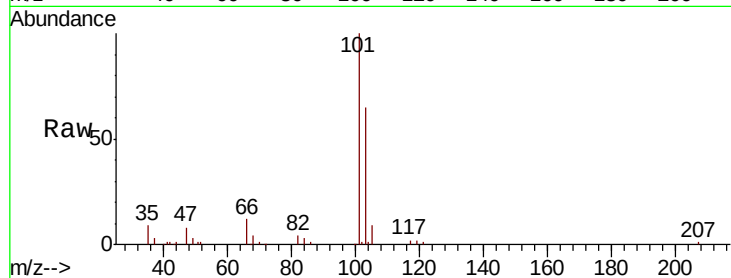


#7

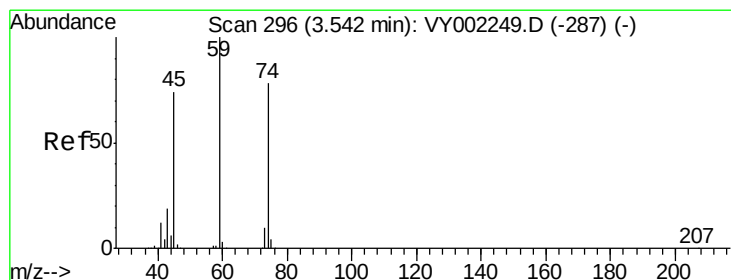
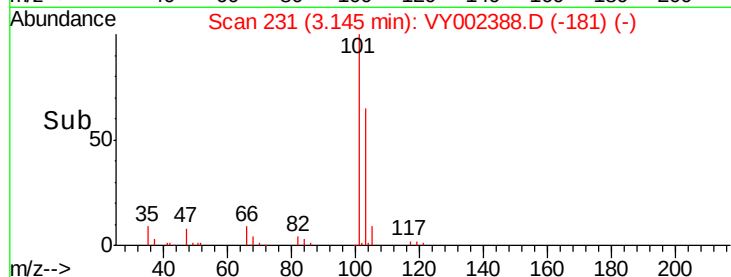
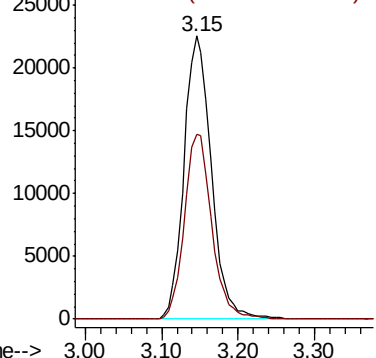
Trichlorofluoromethane
Concen: 19.277 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 55725
Ion Ratio Lower Upper
101 100
103 65.3 53.3 79.9



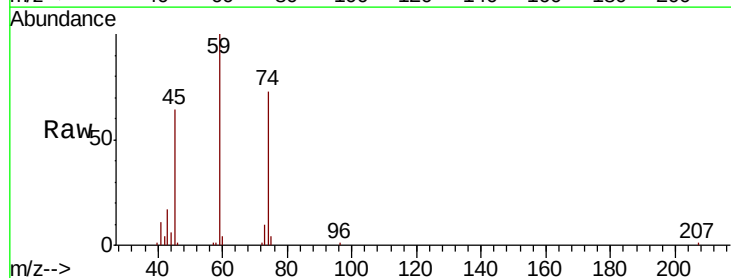
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



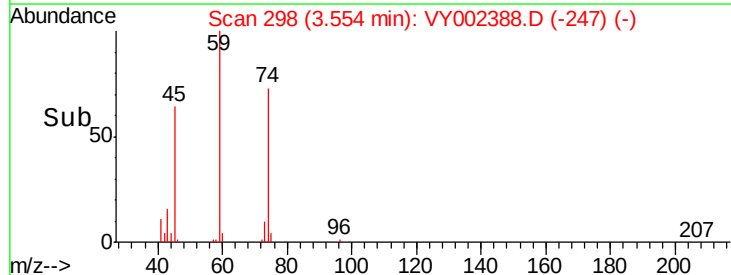
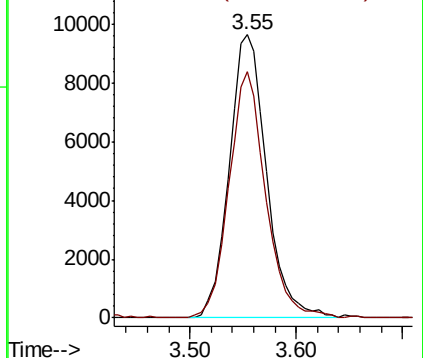
#8

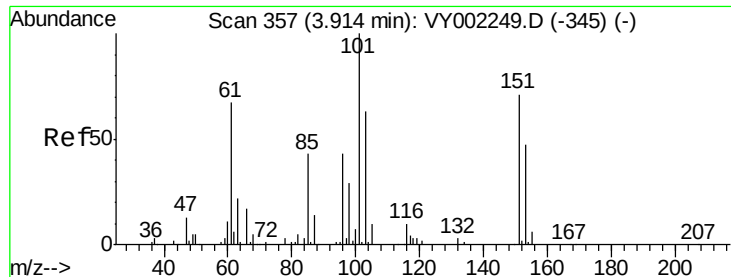
Diethyl Ether
Concen: 19.230 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion: 74 Resp: 23632
Ion Ratio Lower Upper
74 100
45 85.4 48.0 144.2



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.201 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

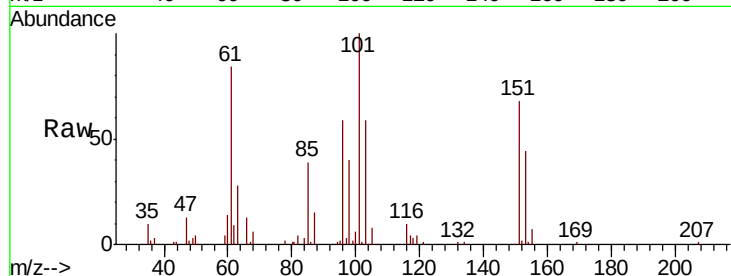
Tot Ion:101 Resp: 39666

Ion Ratio Lower Upper

101 100

85 41.6 34.6 52.0

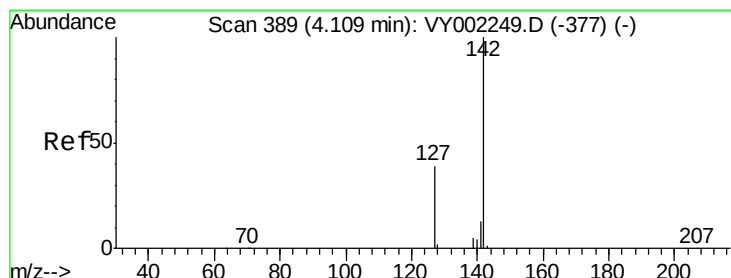
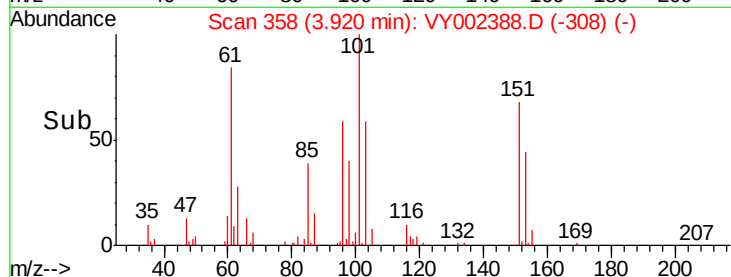
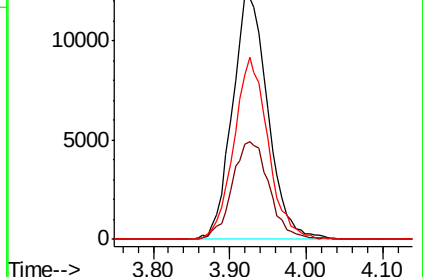
151 71.8 57.6 86.4



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: 18.825 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

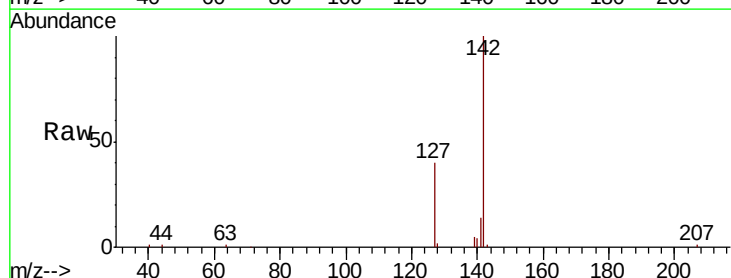
Tgt Ion:142 Resp: 42967

Ion Ratio Lower Upper

142 100

127 37.9 32.4 48.6

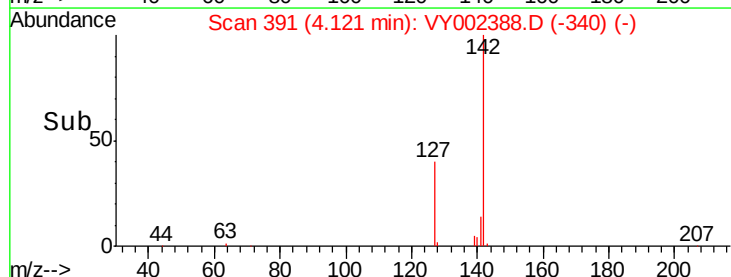
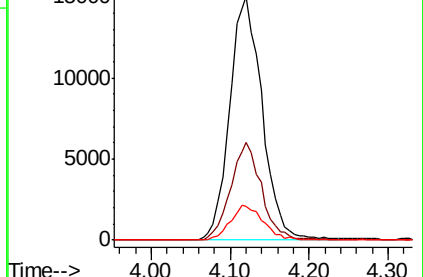
141 14.3 11.2 16.8

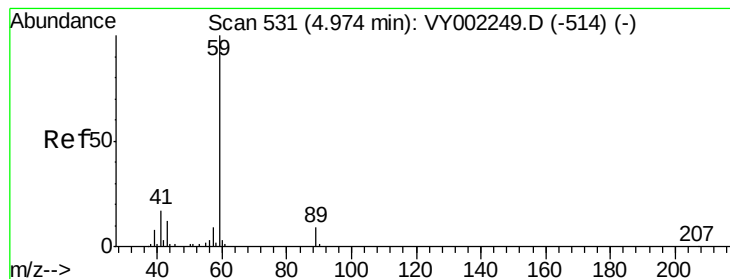


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 79.685 ug/l

RT: 4.99 min Scan# 533

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

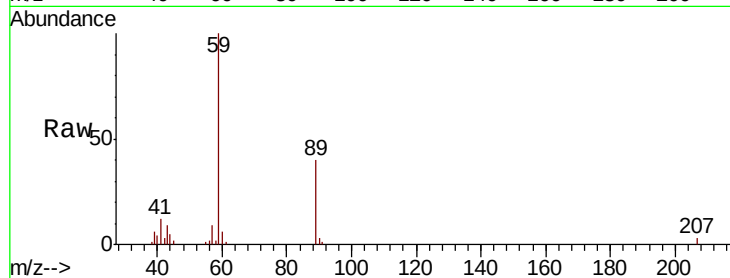
ClientSampled :

Tot Ion: 59 Resp: 20075

Ion Ratio Lower Upper

59 100

57 7.6 6.6 9.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.99

5000

4000

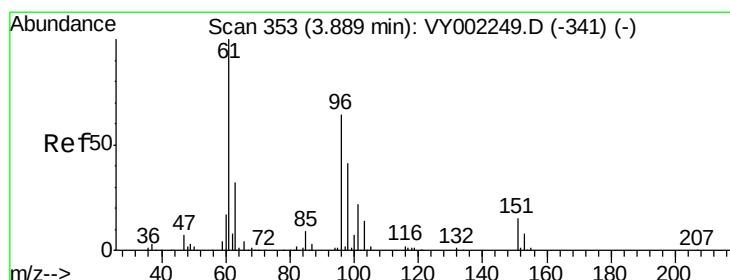
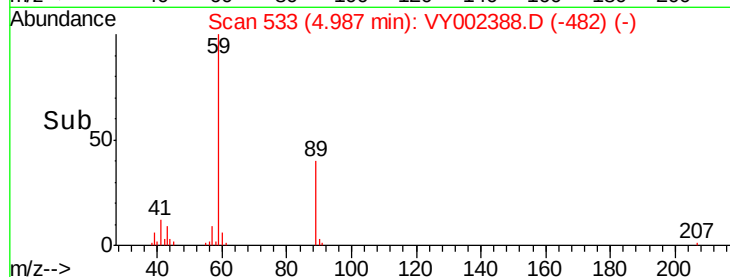
3000

2000

1000

0

Time--> 4.80 4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 20.752 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

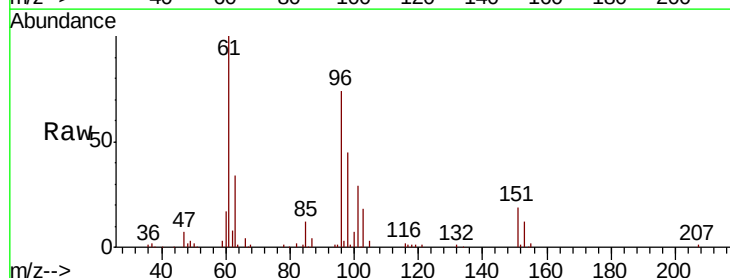
Tgt Ion: 96 Resp: 41427

Ion Ratio Lower Upper

96 100

61 134.9 125.9 188.9

98 60.1 51.1 76.7



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

25000

20000

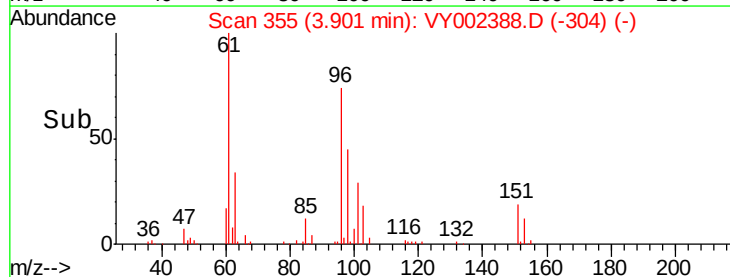
15000

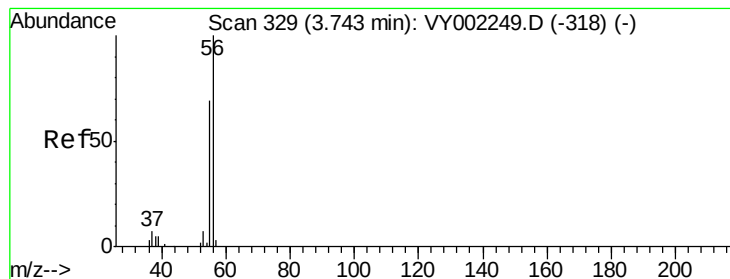
10000

5000

0

Time--> 3.80 3.90 4.00





#13

Acrolein

Concen: 72.753 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

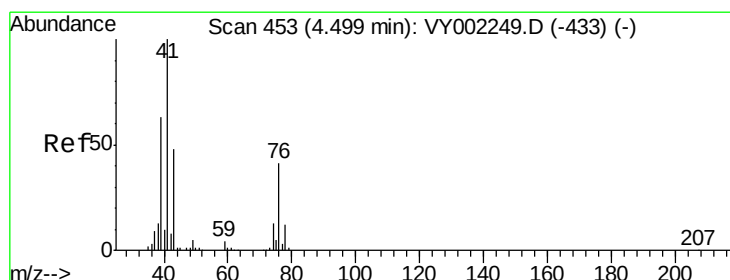
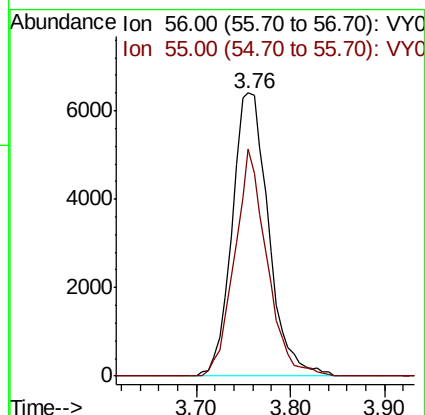
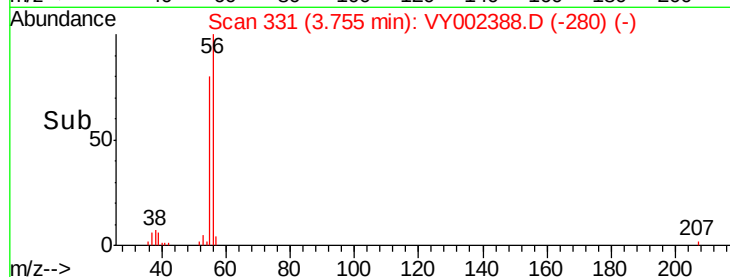
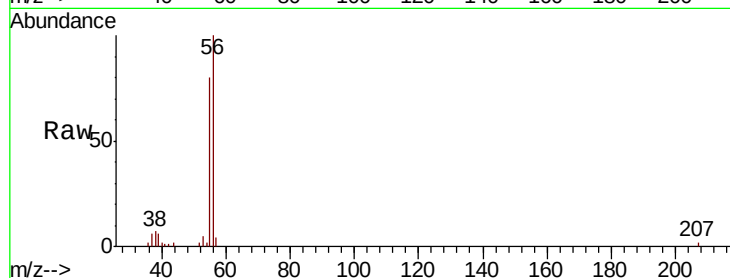
ClientSampleId :

Tot Ion: 56 Resp: 17247

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.8



#14

Allyl chloride

Concen: 16.403 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

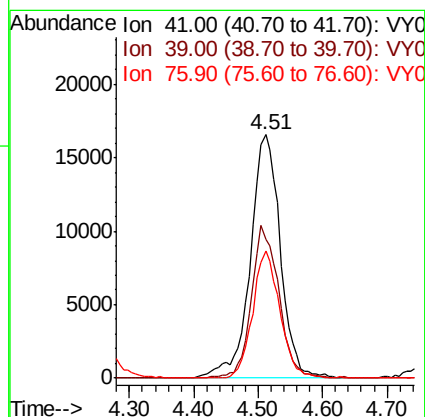
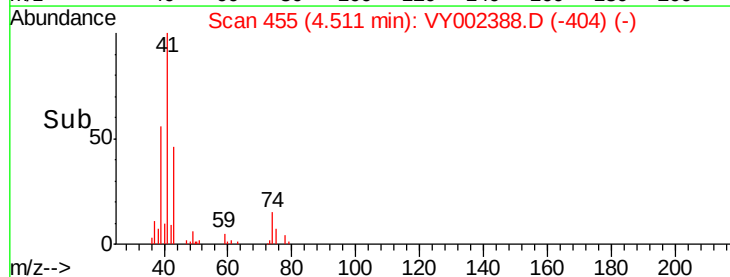
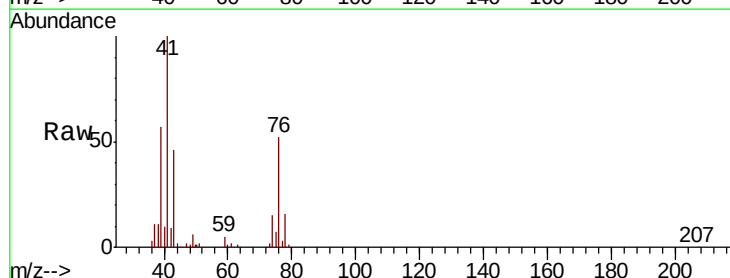
Tgt Ion: 41 Resp: 52877

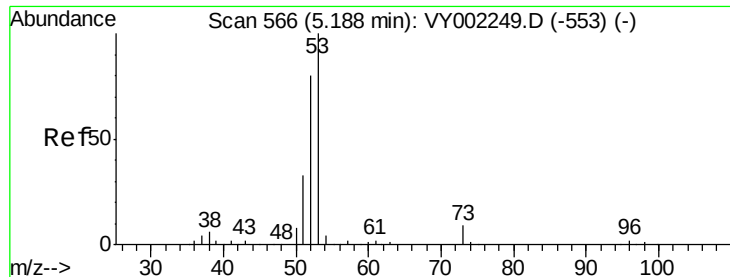
Ion Ratio Lower Upper

41 100

39 57.2 48.0 72.0

76 47.1 31.0 46.6#





#15

Acrylonitrile

Concen: 84.900 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

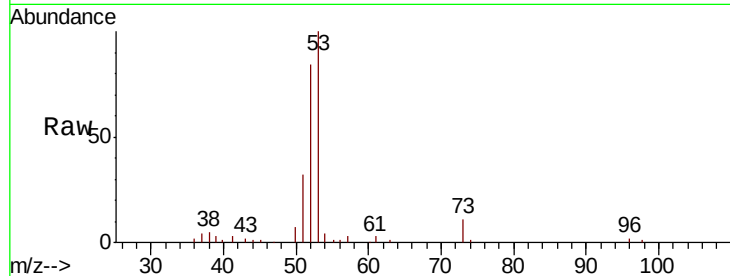
Tot Ion: 53 Resp: 53354

Ion Ratio Lower Upper

53 100

52 80.4 65.1 97.7

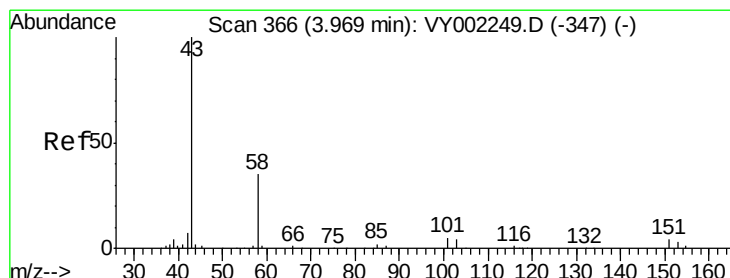
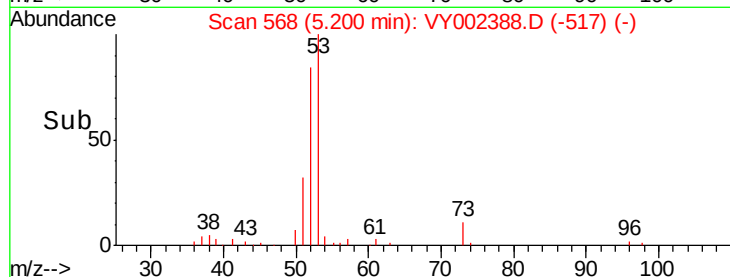
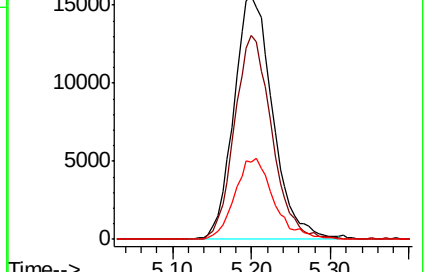
51 33.3 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY002249.D (-553) (-)

Ion 52.00 (51.70 to 52.70): VY002249.D (-553) (-)

Ion 51.00 (50.70 to 51.70): VY002249.D (-553) (-)



#16

Acetone

Concen: 81.276 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002388.D

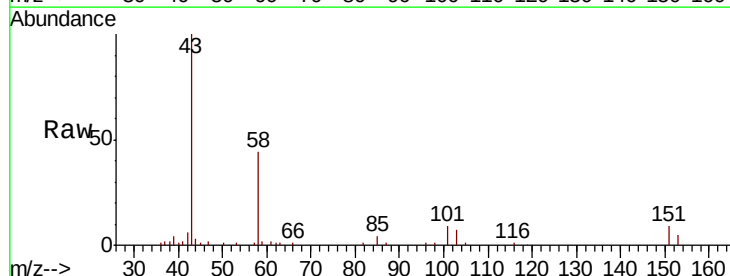
Acq: 17 Apr 2020 11:09

Tgt Ion: 43 Resp: 39358

Ion Ratio Lower Upper

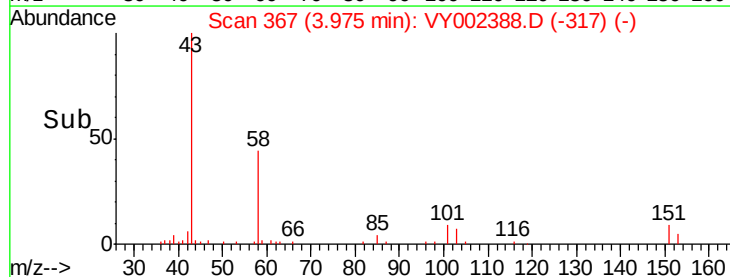
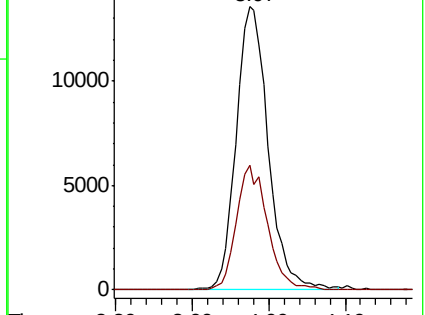
43 100

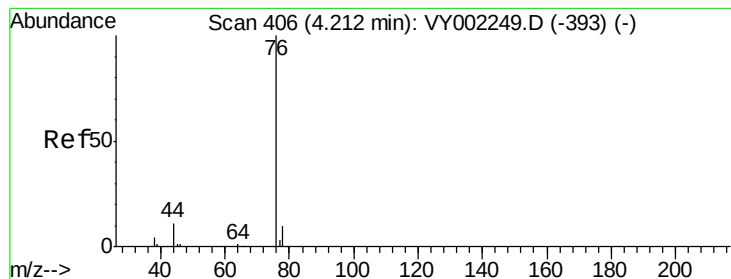
58 43.9 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)





#17

Carbon Disulfide

Concen: 19.832 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

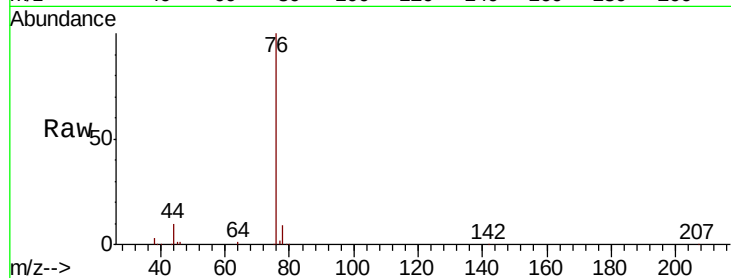
ClientSampleId :

Tot Ion: 76 Resp: 131485

Ion Ratio Lower Upper

76 100

78 8.7 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY002249.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002388.D (-357) (-)

4.22

50000

40000

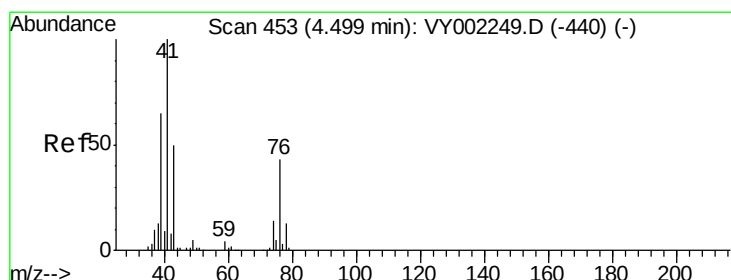
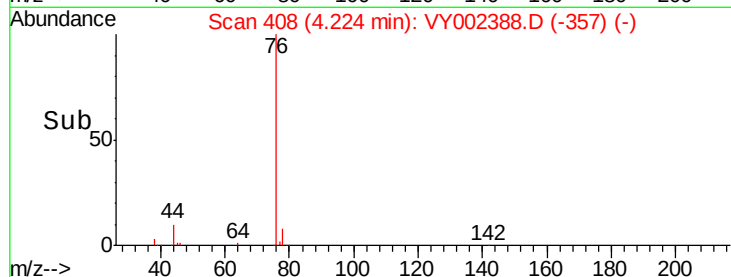
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 16.015 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002388.D

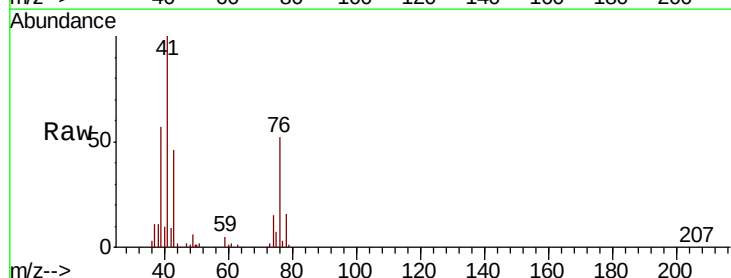
Acq: 17 Apr 2020 11:09

Tgt Ion: 43 Resp: 24055

Ion Ratio Lower Upper

43 100

74 30.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-440) (-)

Ion 74.00 (73.70 to 74.70): VY002388.D (-404) (-)

4.51

8000

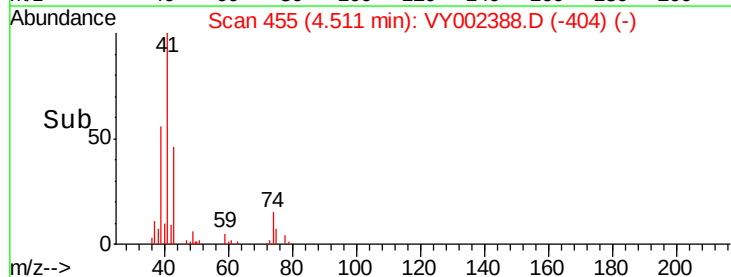
6000

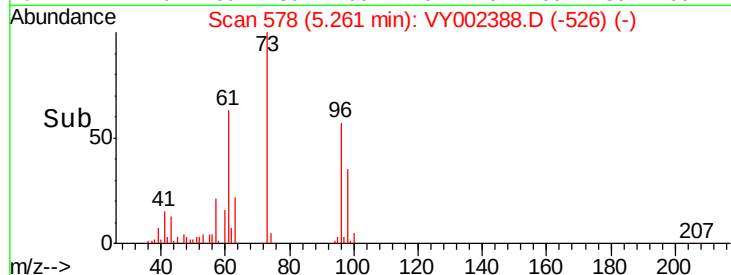
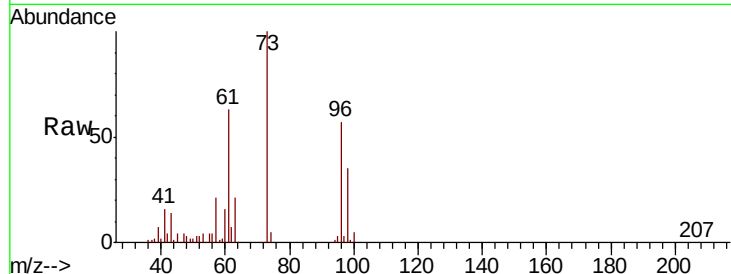
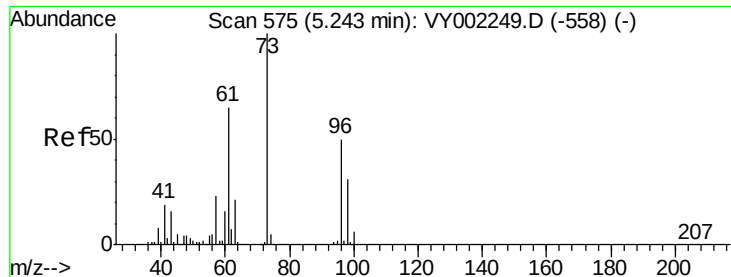
4000

2000

0

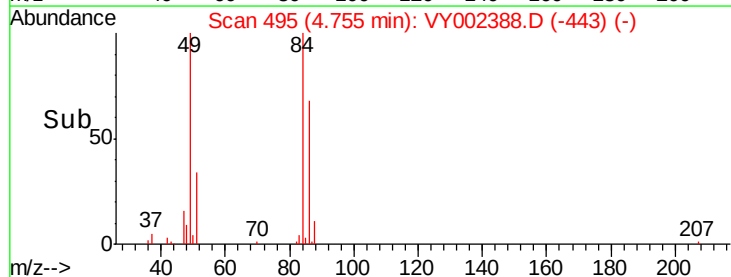
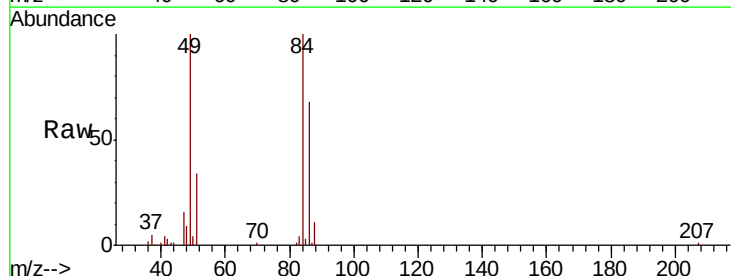
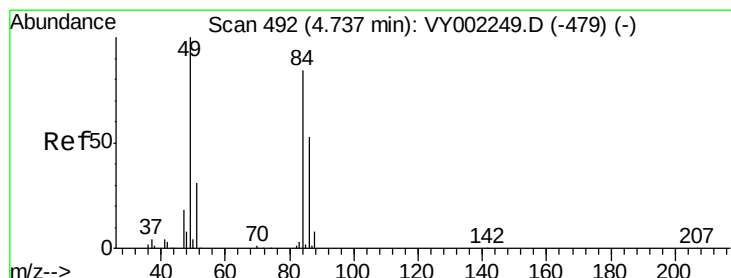
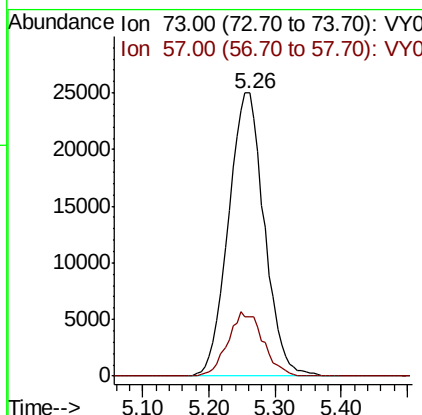
Time-->





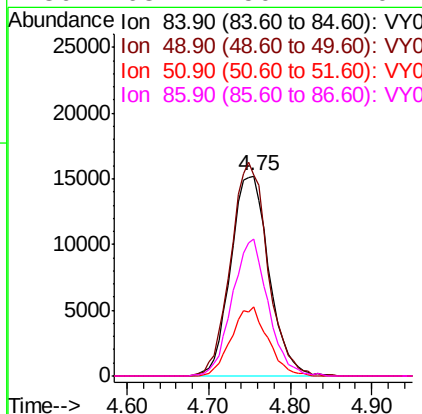
#19
Methyl tert-butyl Ether
Concen: 17.919 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.02 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

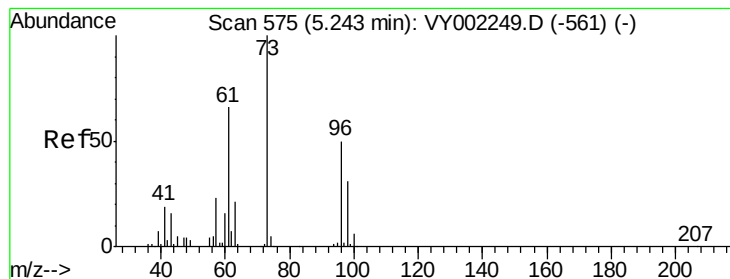
Tot Ion: 73 Resp: 94042
Ion Ratio Lower Upper
73 100
57 20.9 18.7 28.1



#20
Methylene Chloride
Concen: 20.819 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion: 84 Resp: 49552
Ion Ratio Lower Upper
84 100
49 100.1 95.5 143.3
51 34.4 29.5 44.3
86 68.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.754 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

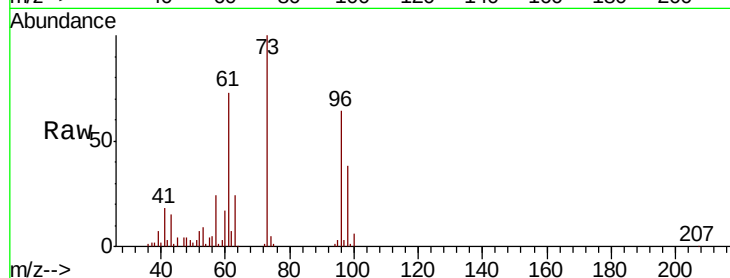
Tot Ion: 96 Resp: 46504

Ion Ratio Lower Upper

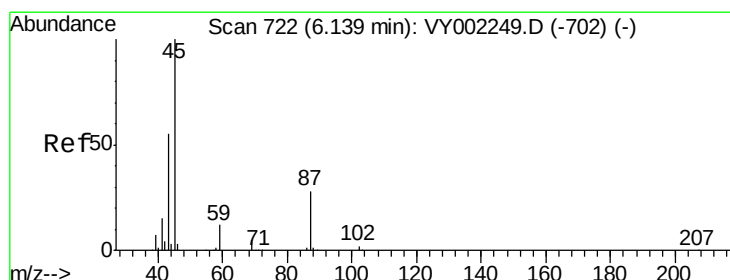
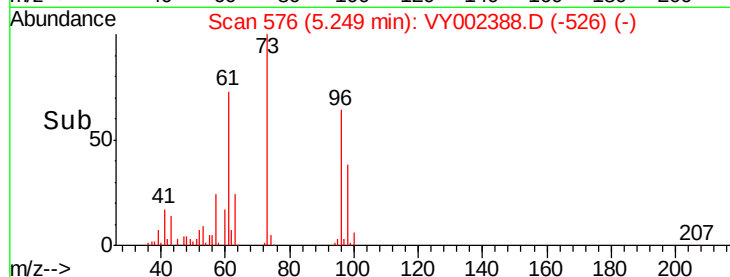
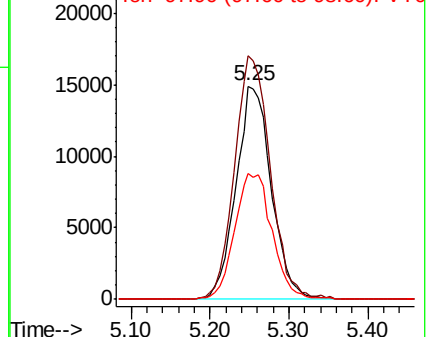
96 100

61 114.3 104.6 157.0

98 59.4 50.1 75.1



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: 17.012 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Tgt Ion: 45 Resp: 110367

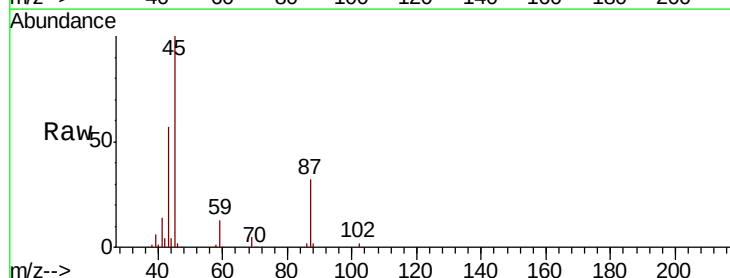
Ion Ratio Lower Upper

45 100

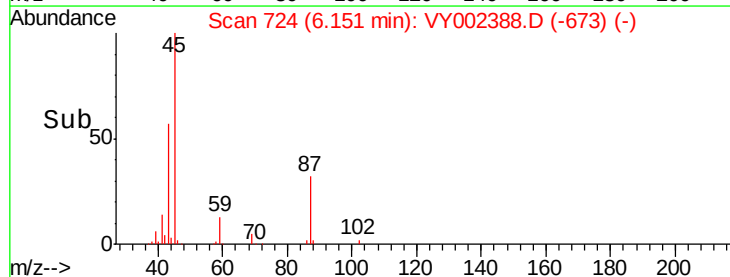
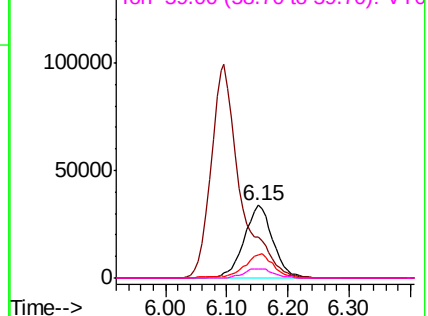
43 56.8 44.7 67.1

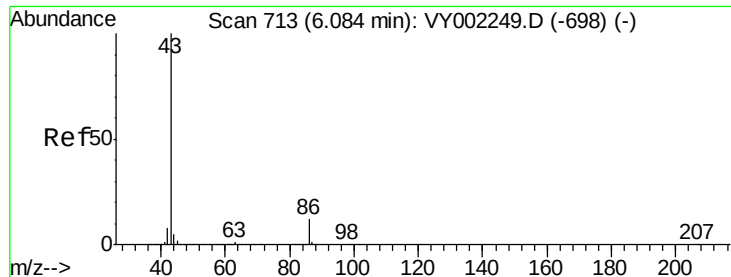
87 31.9 23.0 34.4

59 12.8 10.1 15.1



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: 79.939 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

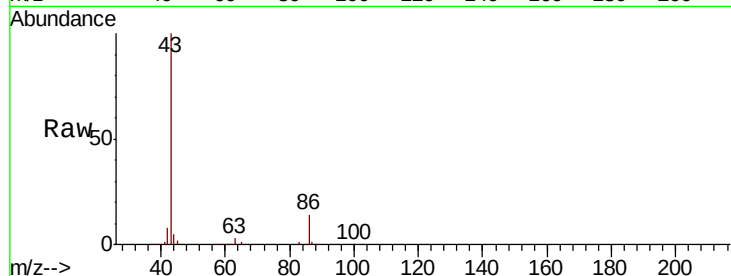
ClientSampled :

Tot Ion: 43 Resp: 330489

Ion Ratio Lower Upper

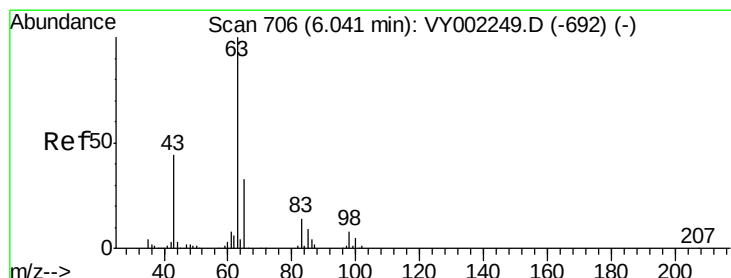
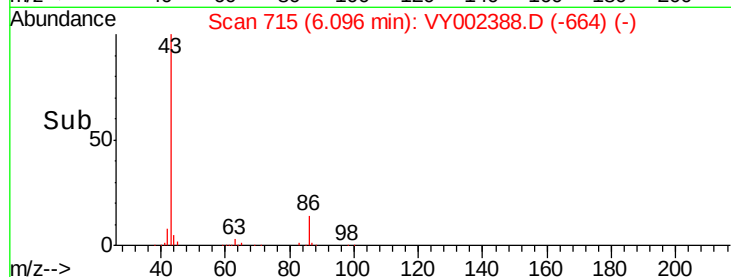
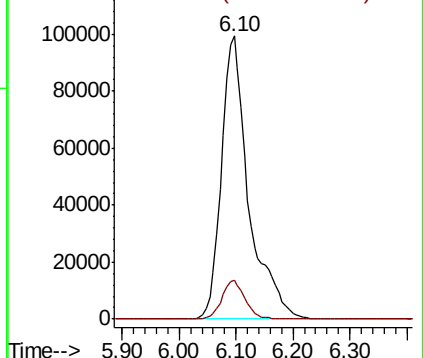
43 100

86 13.8 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 18.544 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

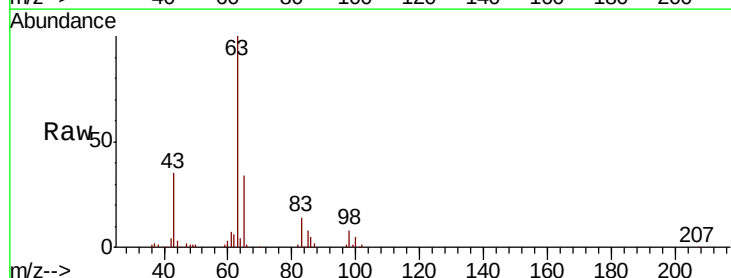
Tgt Ion: 63 Resp: 68429

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

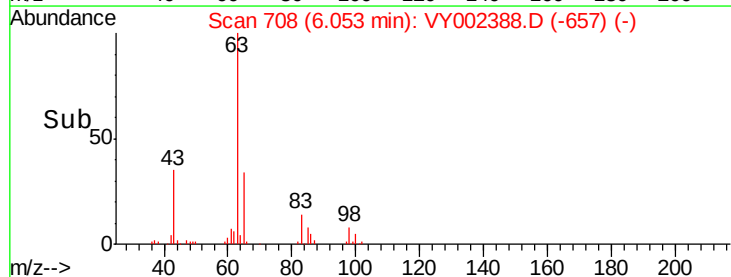
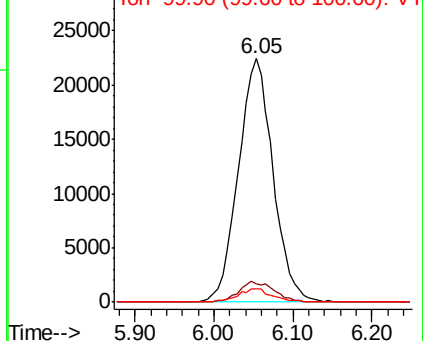
100 5.3 2.4 7.1

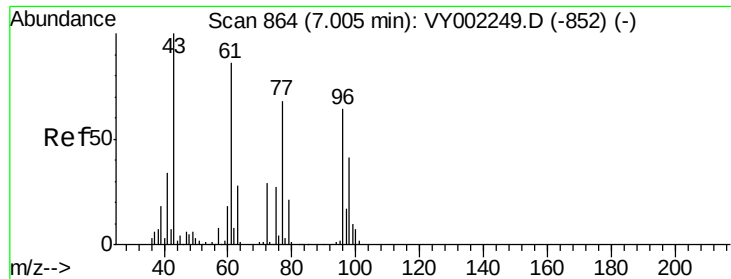


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 76.037 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

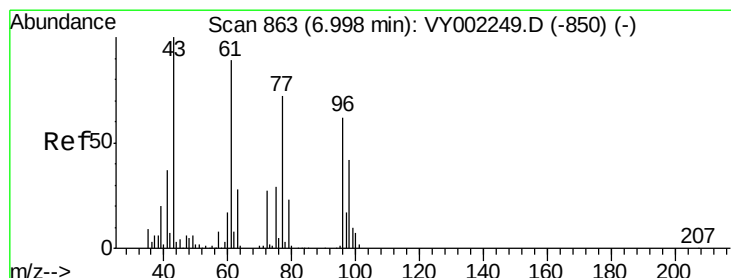
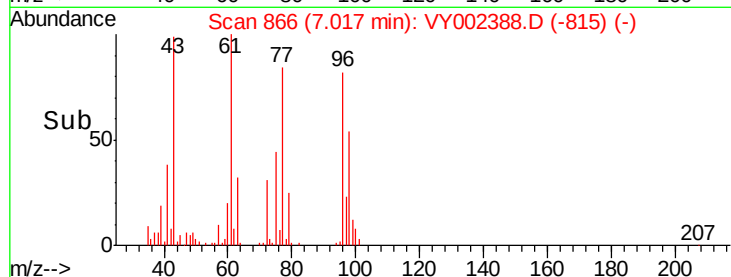
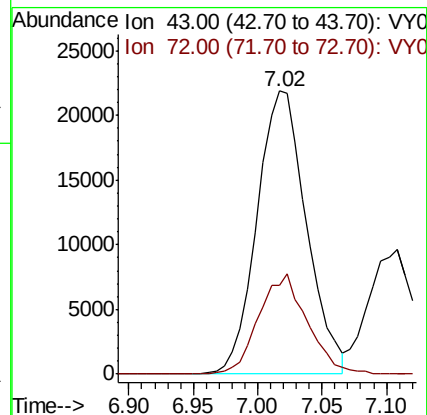
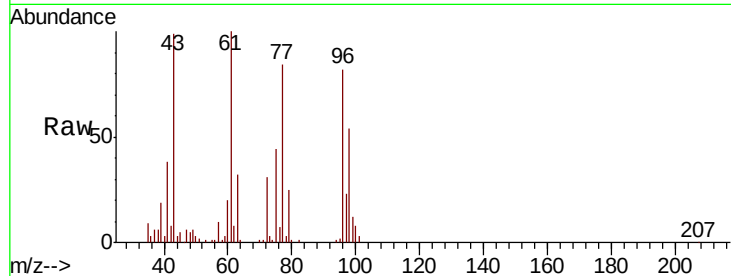
ClientSampled :

Tot Ion: 43 Resp: 58271

Ion Ratio Lower Upper

43 100

72 31.5 23.2 34.8



#26

2,2-Dichloropropane

Concen: 18.379 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002388.D

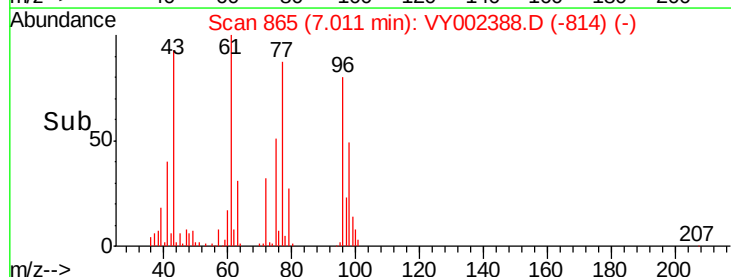
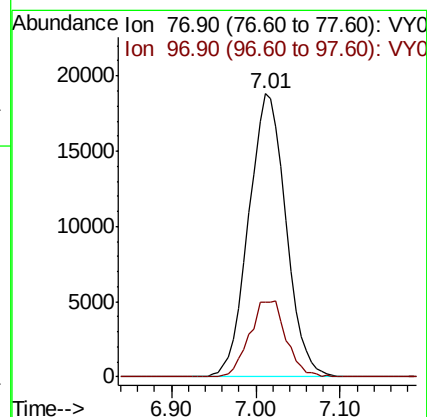
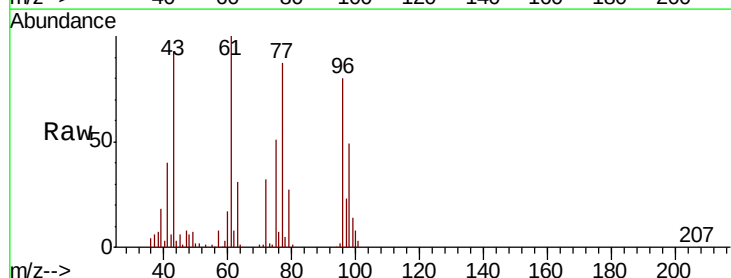
Acq: 17 Apr 2020 11:09

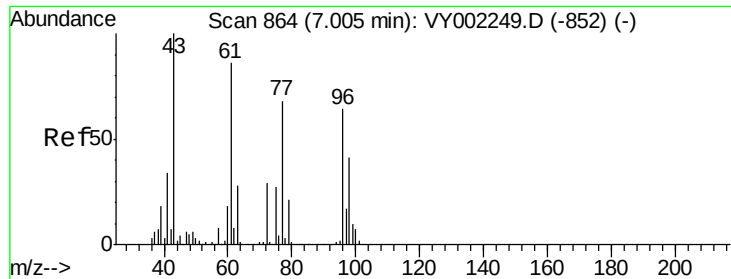
Tgt Ion: 77 Resp: 56732

Ion Ratio Lower Upper

77 100

97 26.3 12.2 36.6



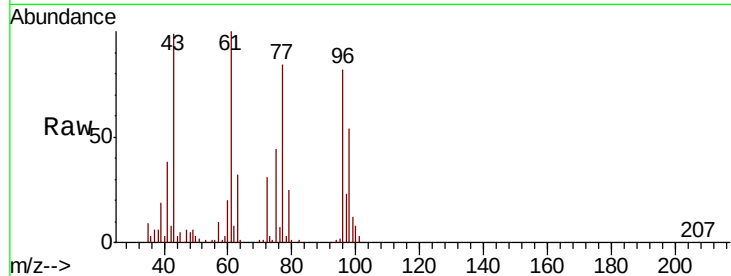


#27

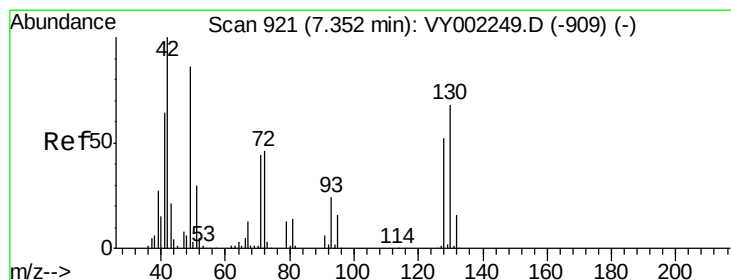
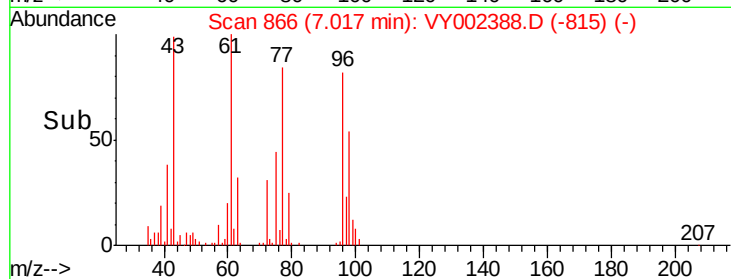
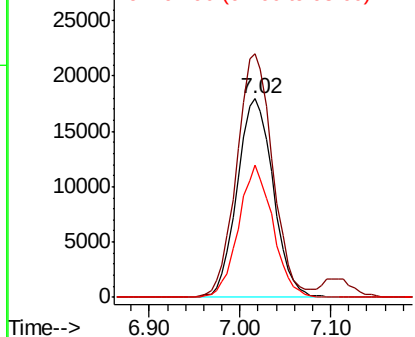
cis-1,2-Dichloroethene
 Concen: 20.262 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 49492
 Ion Ratio Lower Upper
 96 100
 61 122.9 0.0 278.0
 98 63.1 0.0 128.6



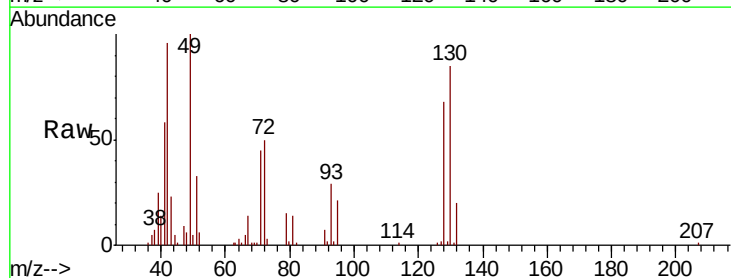
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



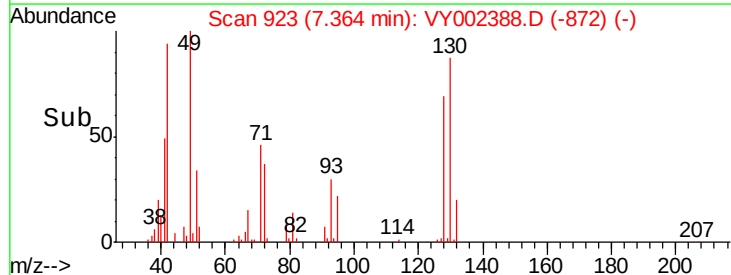
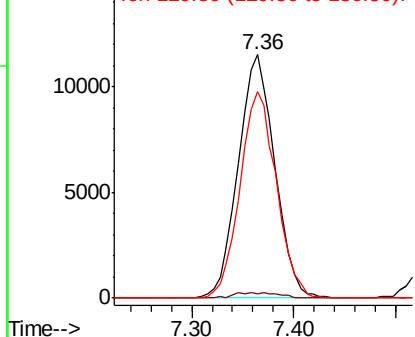
#28

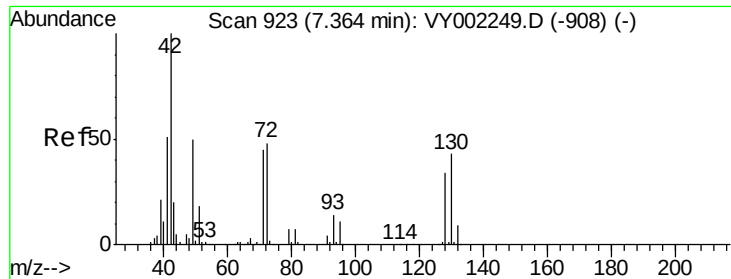
Bromochloromethane
 Concen: 17.992 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion: 49 Resp: 28660
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 84.6 60.9 91.3



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

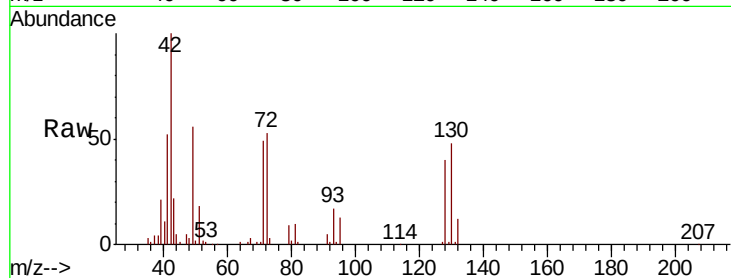




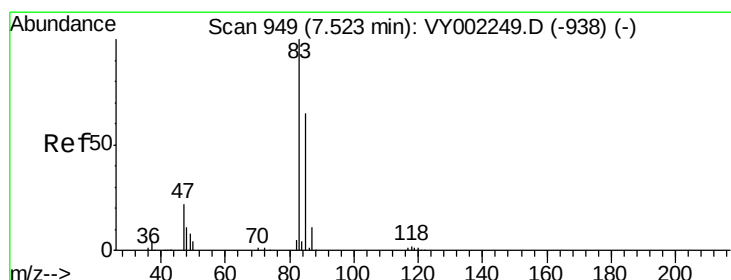
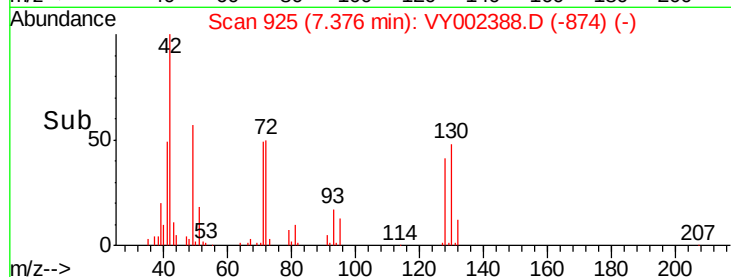
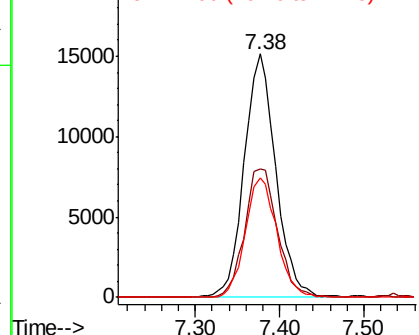
#29
Tetrahydrofuran
Concen: 75.637 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 38316
Ion Ratio Lower Upper
42 100
72 54.6 36.7 55.1
71 48.5 34.7 52.1

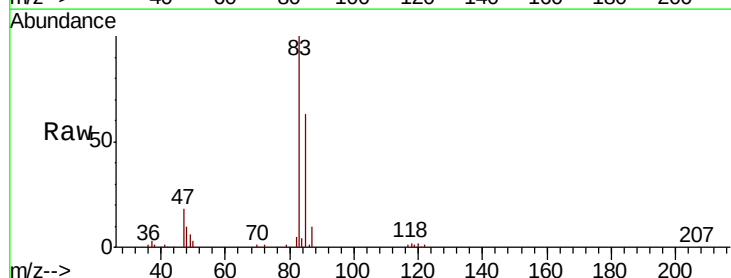


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

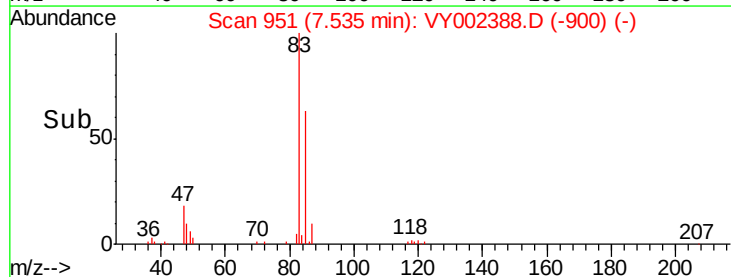
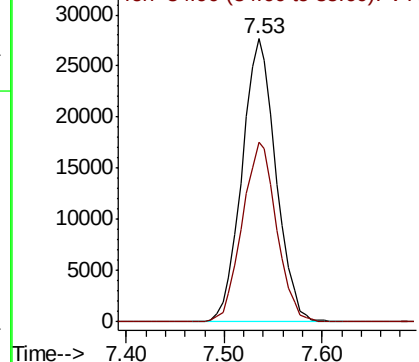


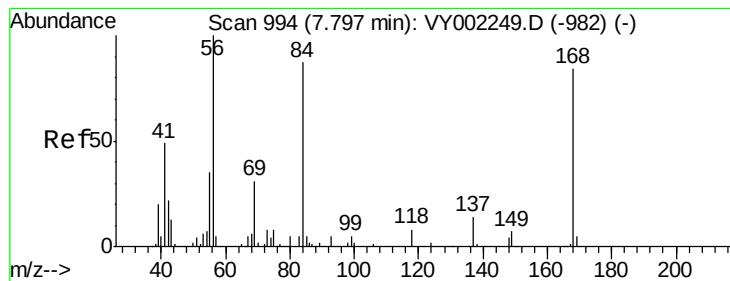
#30
Chloroform
Concen: 19.107 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion: 83 Resp: 66463
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0



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





#31

Cyclohexane

Concen: 17.889 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :

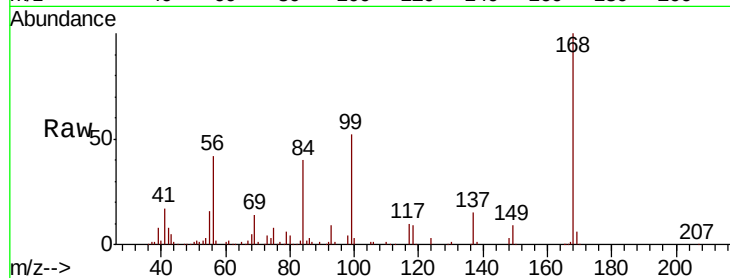
Tot Ion: 56 Resp: 69291

Ion Ratio Lower Upper

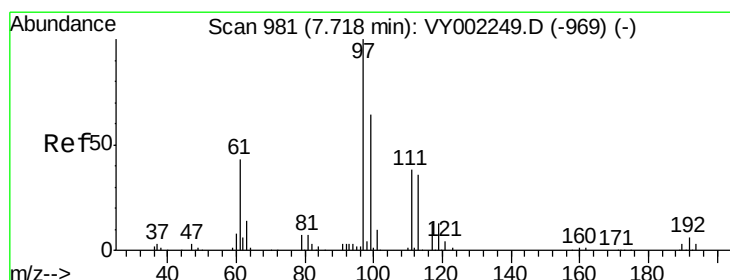
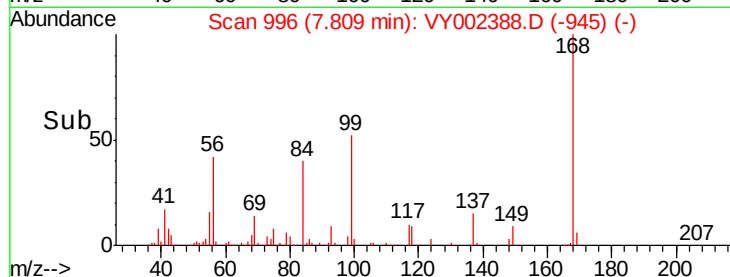
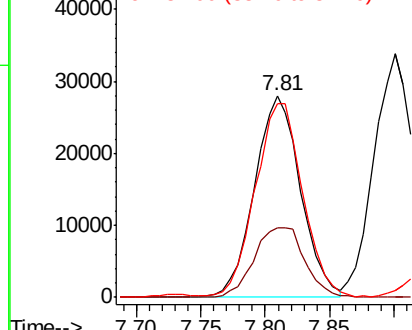
56 100

69 34.4 25.0 37.6

84 95.5 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.023 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

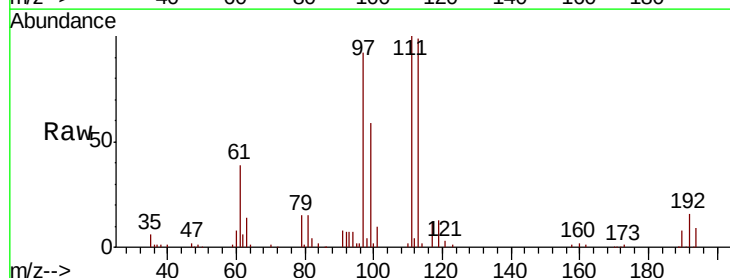
Tgt Ion: 97 Resp: 55077

Ion Ratio Lower Upper

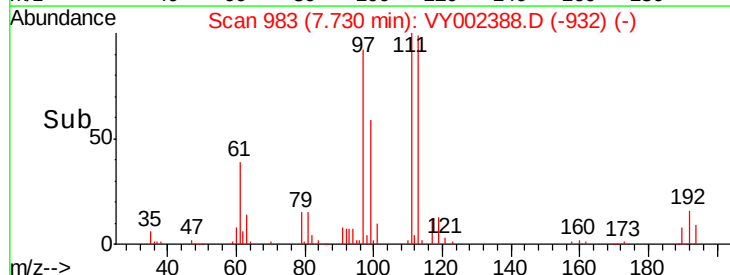
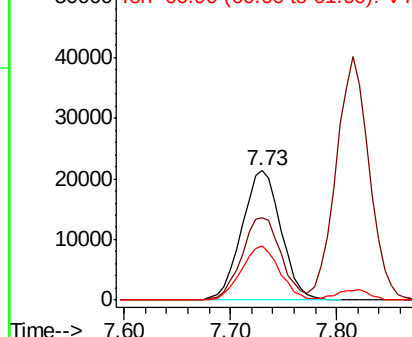
97 100

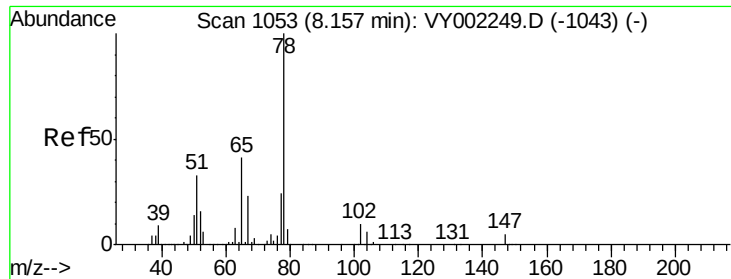
99 64.7 51.3 76.9

61 40.8 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

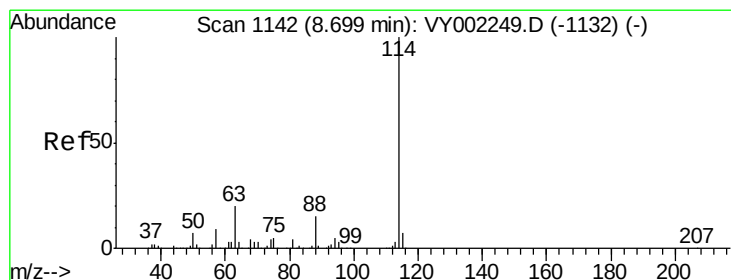
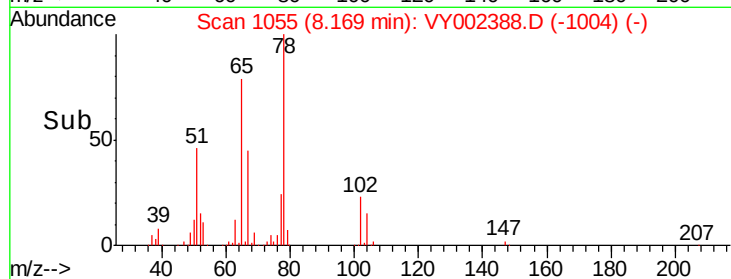
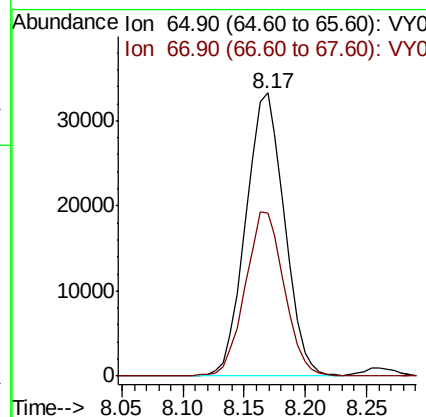
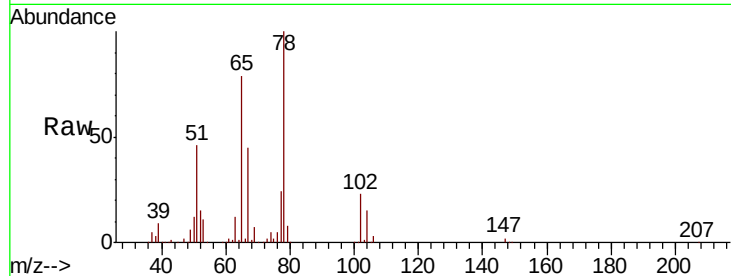




#33
 1,2-Dichloroethane-d4
 Concen: 39.796 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

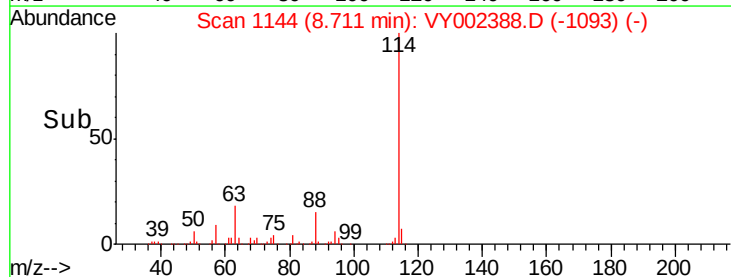
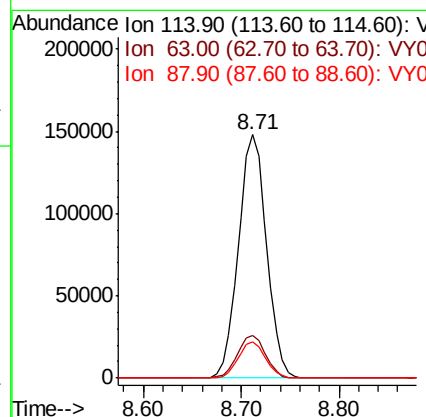
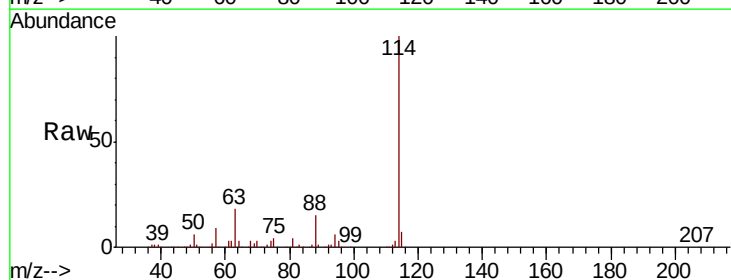
Instrument :
 MSVOA_Y
 ClientSampleId :

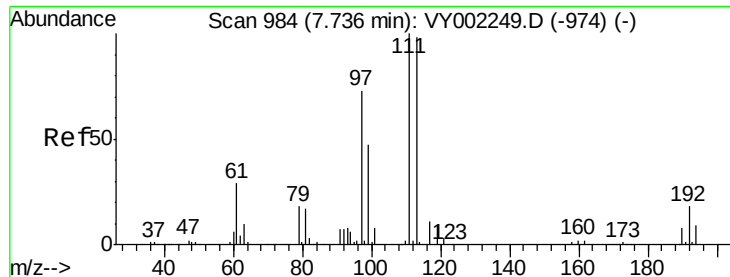
Tot Ion: 65 Resp: 73169
 Ion Ratio Lower Upper
 65 100
 67 58.2 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion: 114 Resp: 294247
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 39.0
 88 15.0 0.0 31.0

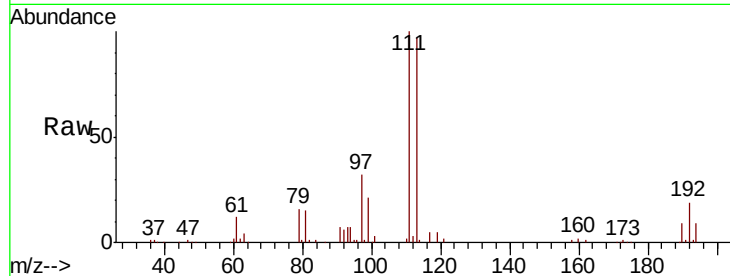




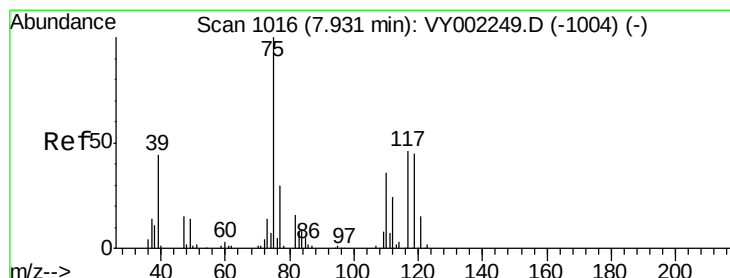
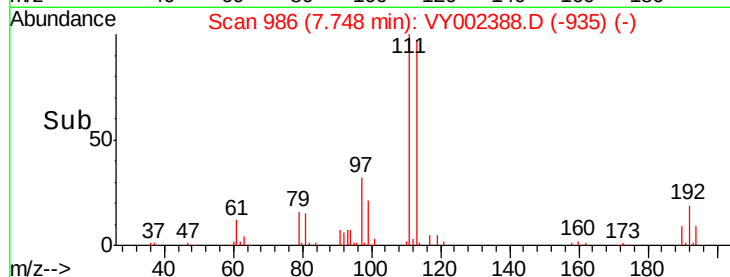
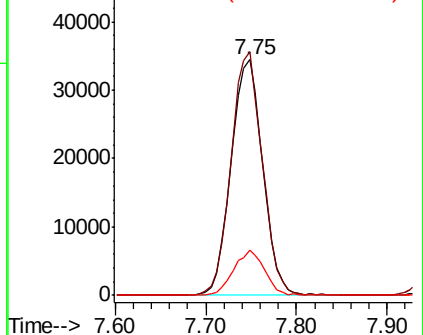
#35
 Dibromofluoromethane
 Concen: 47.711 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 83535
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.5 125.3
 192 18.7 14.7 22.1

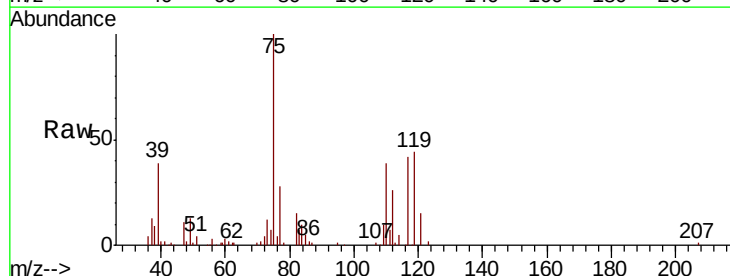


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

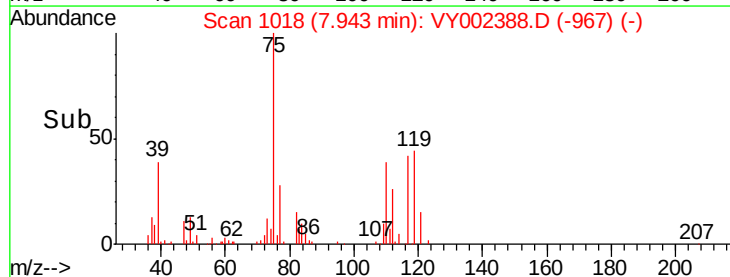
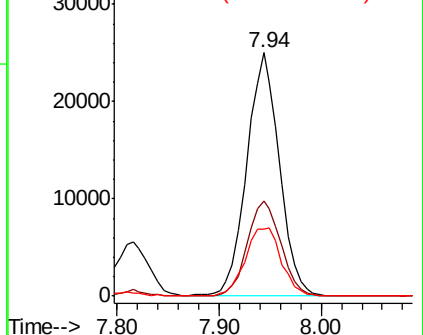


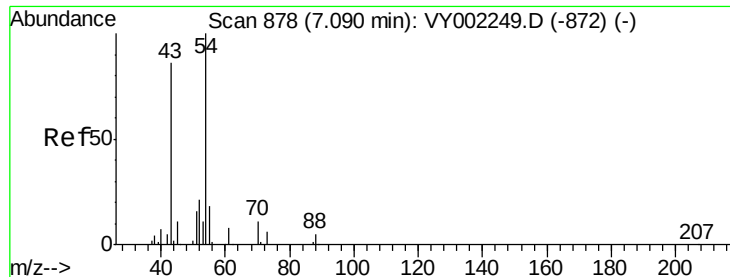
#36
 1,1-Dichloropropene
 Concen: 19.232 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion: 75 Resp: 55740
 Ion Ratio Lower Upper
 75 100
 110 40.0 17.8 53.3
 77 30.9 24.4 36.6



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

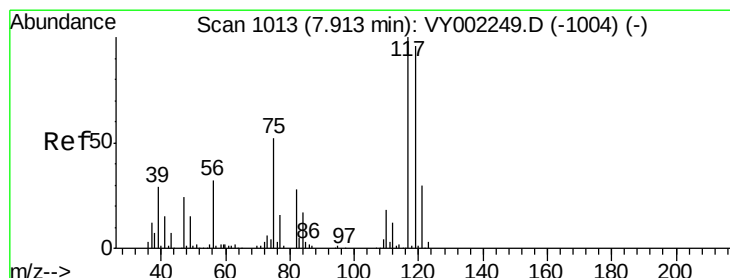
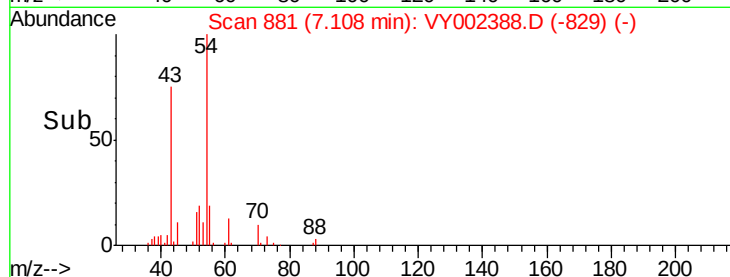
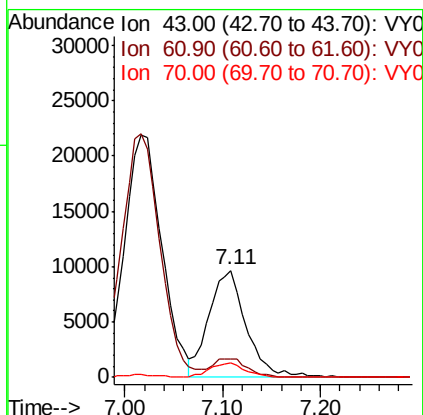
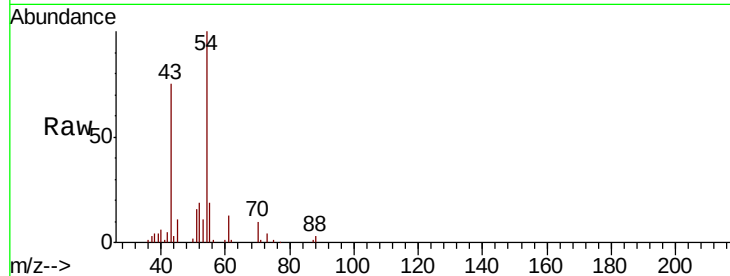




#37
Ethyl Acetate
Concen: 15.429 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

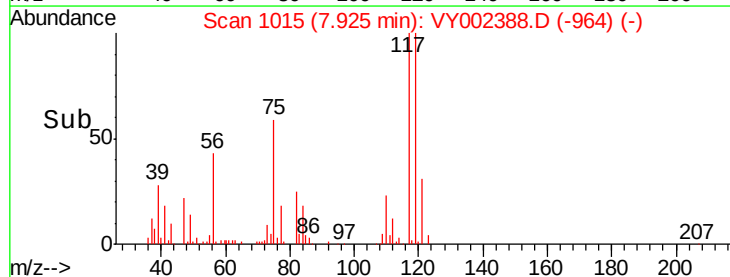
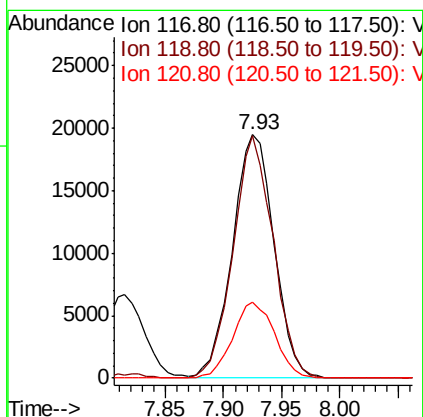
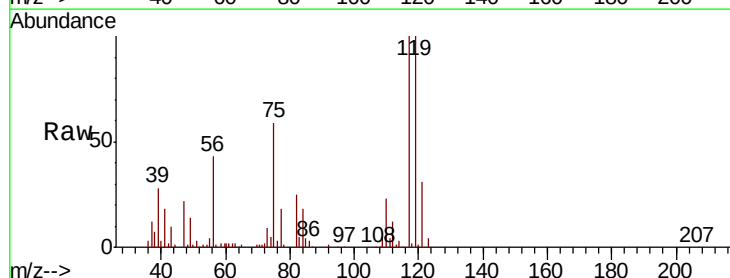
Instrument :
MSVOA_Y
ClientSampled :

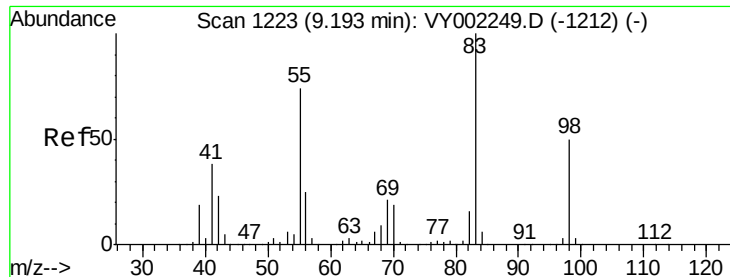
Tot Ion: 43 Resp: 25546
Ion Ratio Lower Upper
43 100
61 16.6 11.8 17.6
70 12.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.591 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion: 117 Resp: 48567
Ion Ratio Lower Upper
117 100
119 99.5 77.1 115.7
121 31.1 23.9 35.9

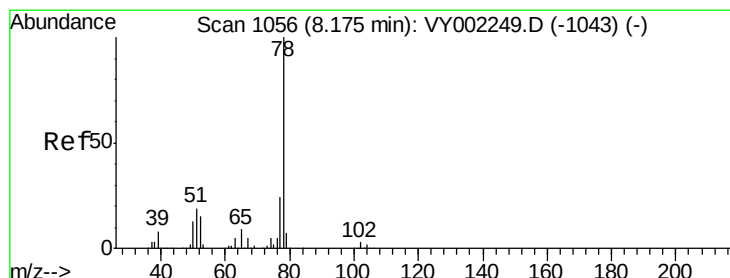
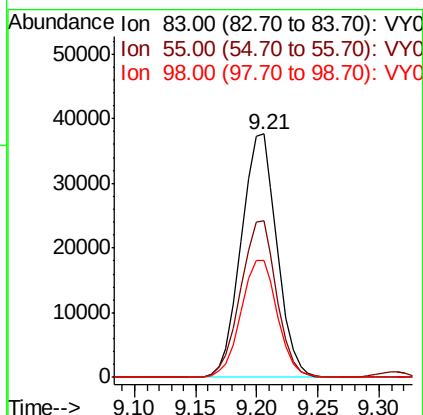
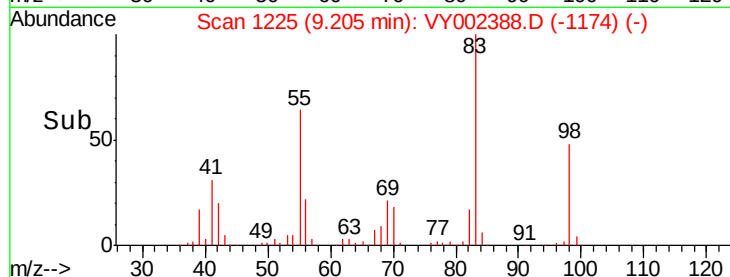
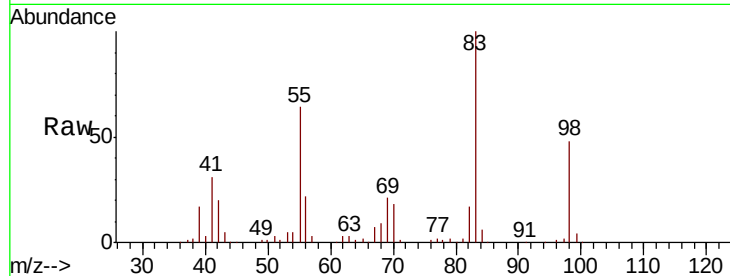




#39
Methylvlcyclohexane
Concen: 19.403 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

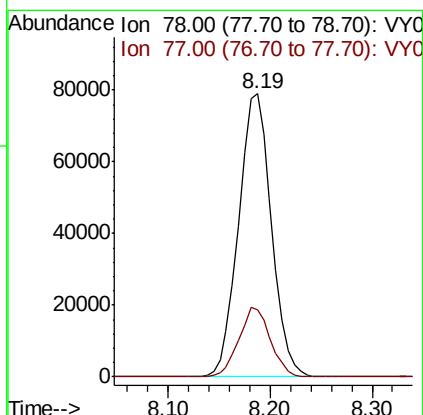
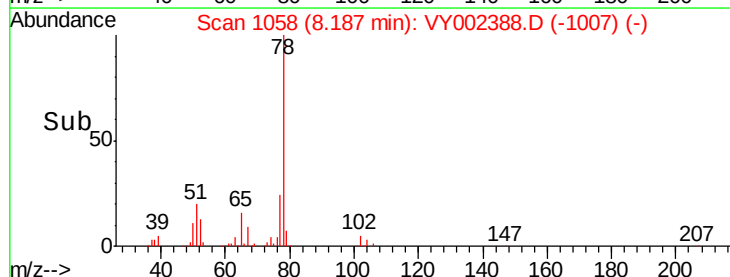
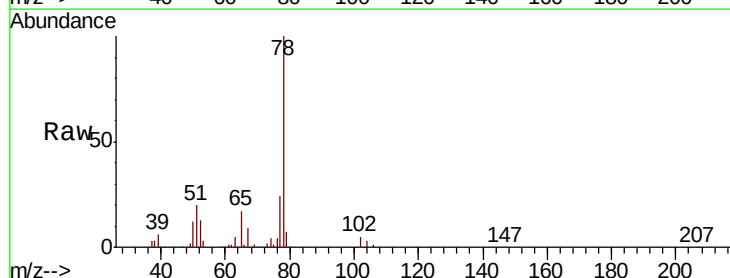
Instrument :
MSVOA_Y
ClientSampled :

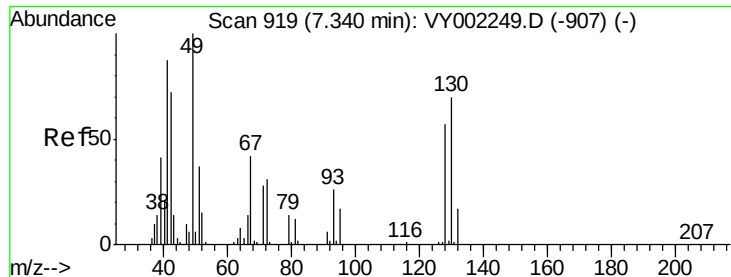
Tot Ion: 83 Resp: 76496
Ion Ratio Lower Upper
83 100
55 64.2 59.3 88.9
98 48.1 39.6 59.4



#40
Benzene
Concen: 20.049 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion: 78 Resp: 176301
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

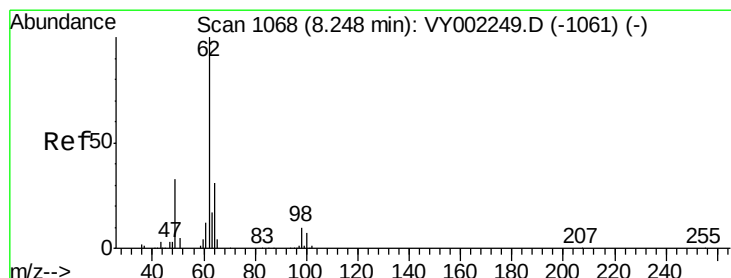
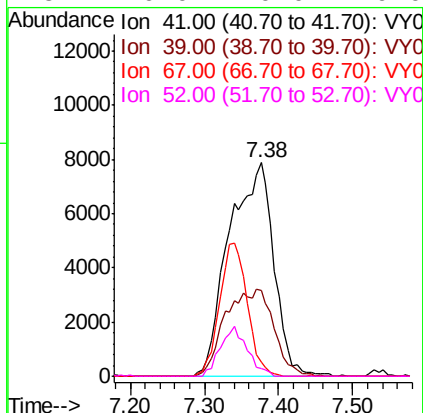
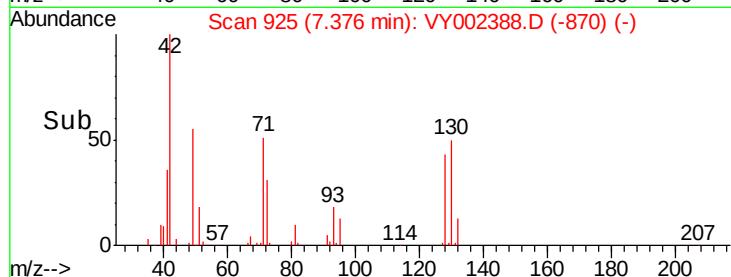
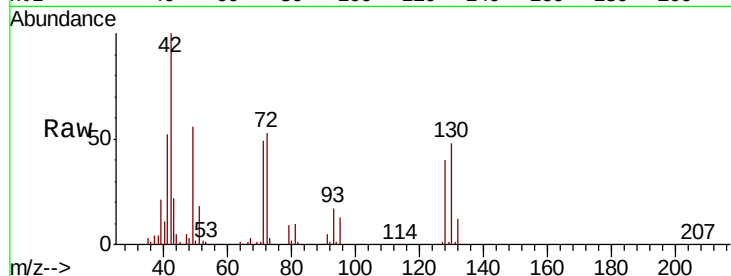




#41
Methacrylonitrile
Concen: 33.735 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

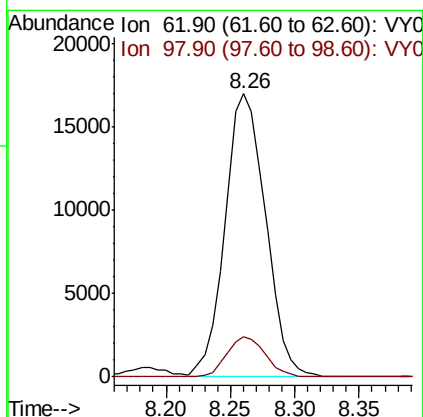
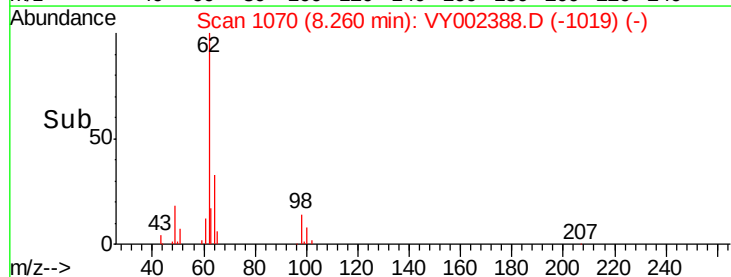
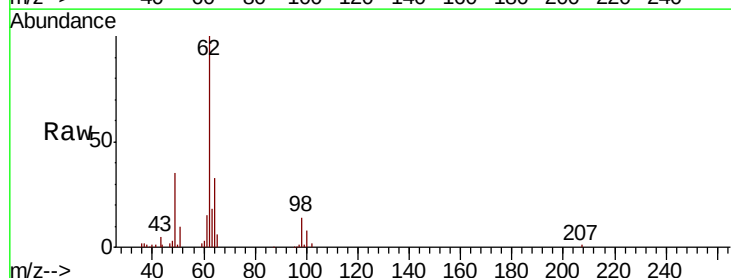
Instrument :
MSVOA_Y
ClientSampled :

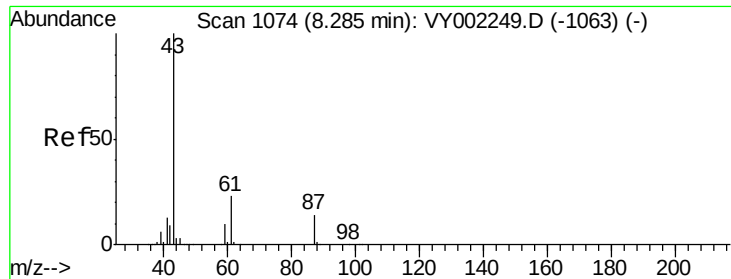
Tot Ion:	41	Resp:	32950
Ion	Ratio	Lower	Upper
41	100		
39	44.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 17.150 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion:	62	Resp:	37357
Ion	Ratio	Lower	Upper
62	100		
98	13.6	0.0	22.6





#43

Isopropyl Acetate

Concen: 15.188 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

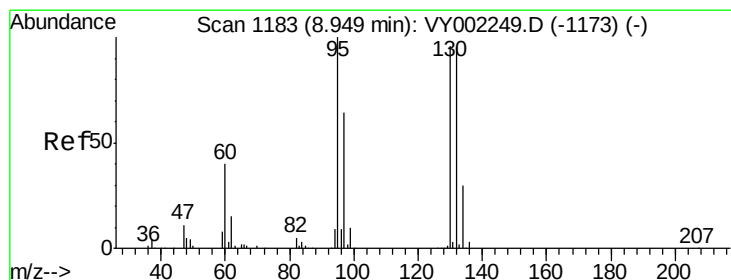
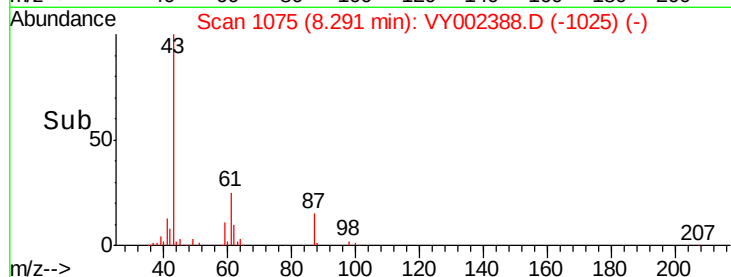
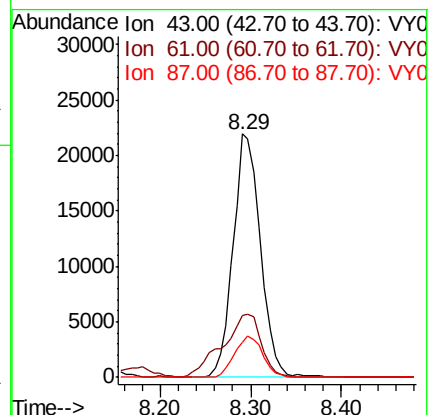
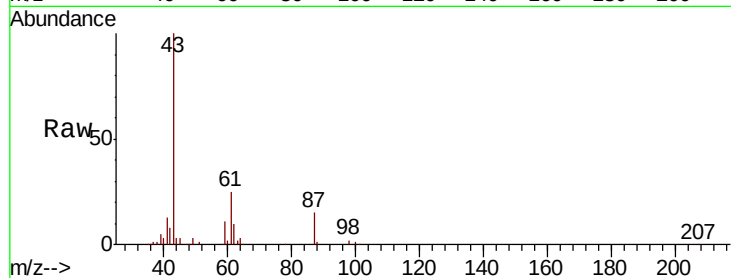
Tot Ion: 43 Resp: 45862

Ion Ratio Lower Upper

43 100

61 36.7 24.9 37.3

87 17.5 11.7 17.5



#44

Trichloroethene

Concen: 19.932 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY002388.D

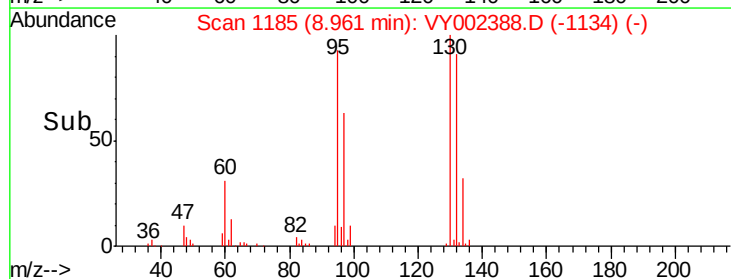
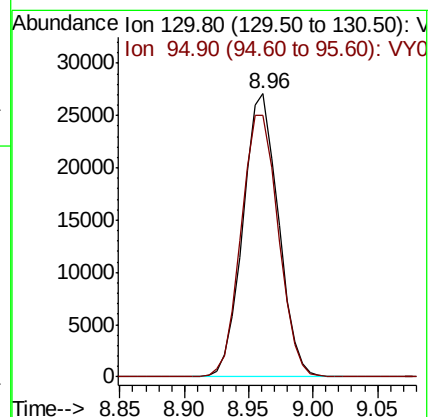
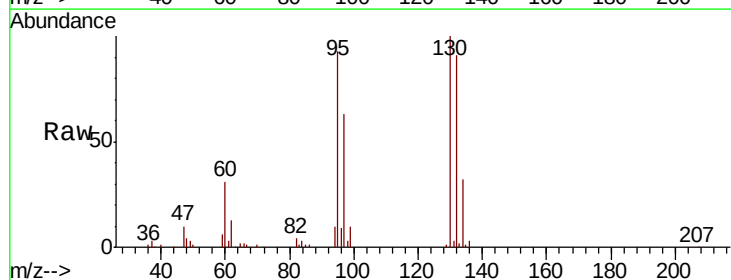
Acq: 17 Apr 2020 11:09

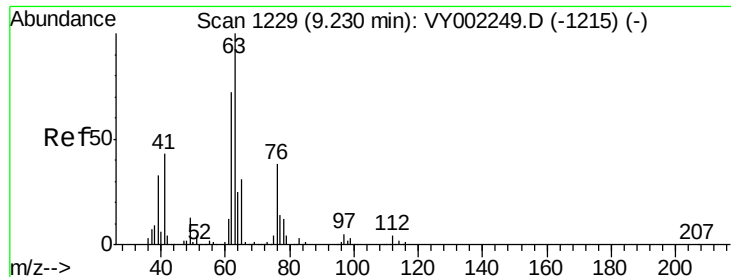
Tgt Ion: 130 Resp: 51530

Ion Ratio Lower Upper

130 100

95 92.6 0.0 208.2

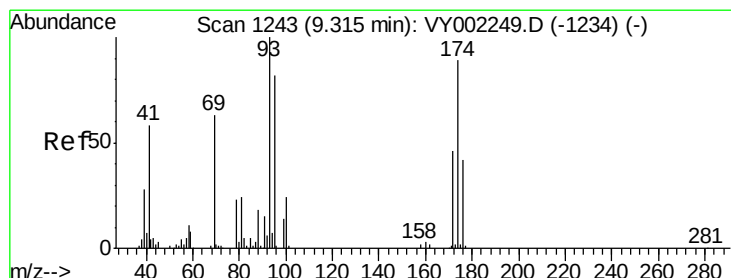
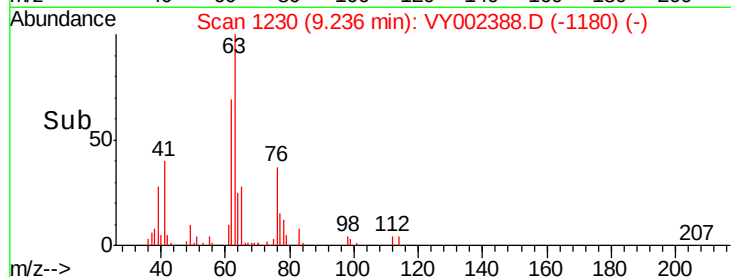
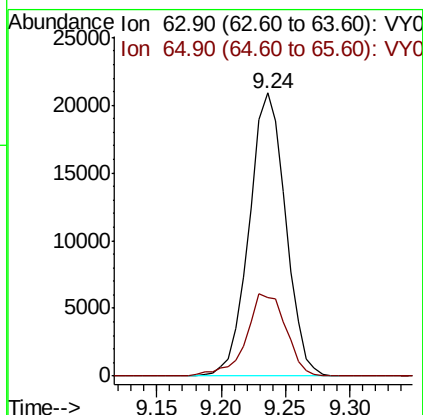
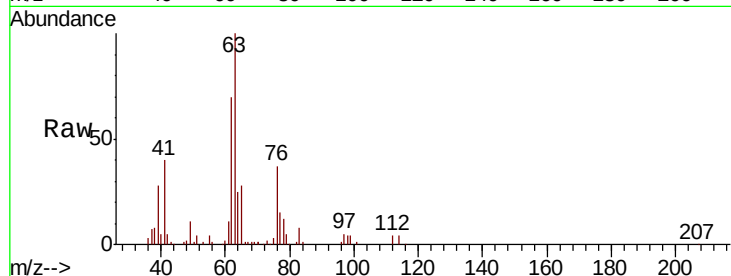




#45
 1,2-Dichloropropane
 Concen: 18.694 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

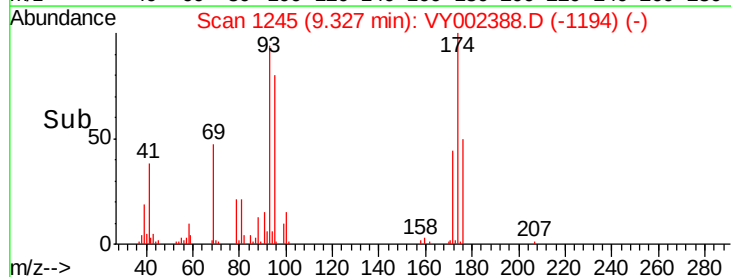
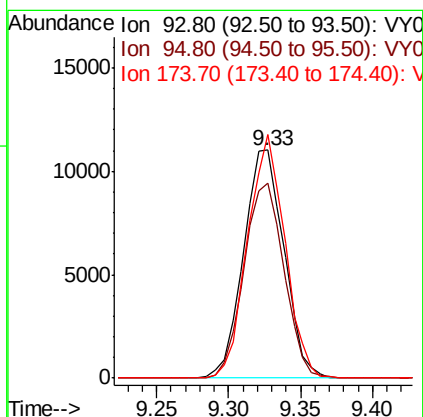
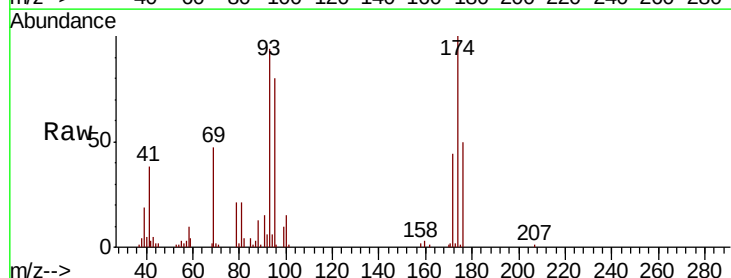
Instrument :
 MSVOA_Y
 ClientSampleId :

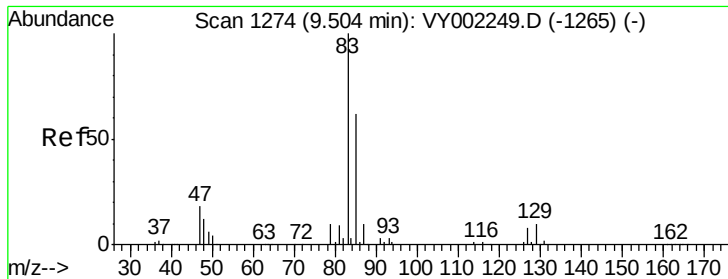
Tot Ion: 63 Resp: 40787
 Ion Ratio Lower Upper
 63 100
 65 27.7 24.6 37.0



#46
 Dibromomethane
 Concen: 18.800 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion: 93 Resp: 21447
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.3 100.9
 174 98.2 72.5 108.7





#47

Bromodichloromethane

Concen: 18.934 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

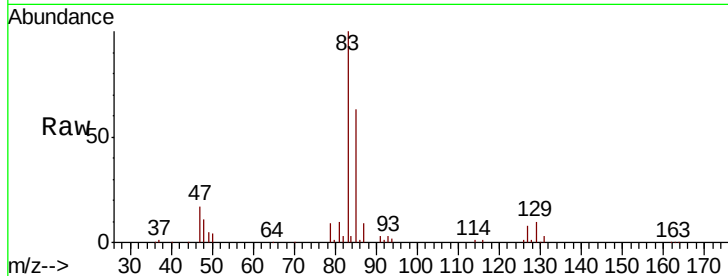
Tot Ion: 83 Resp: 49561

Ion Ratio Lower Upper

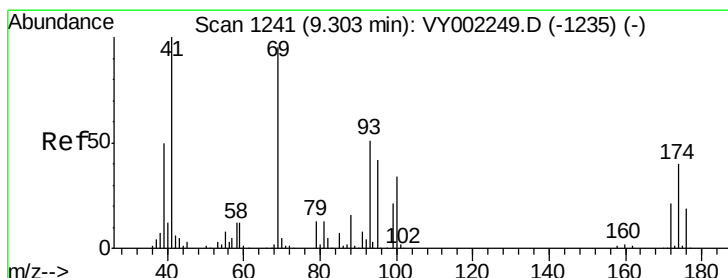
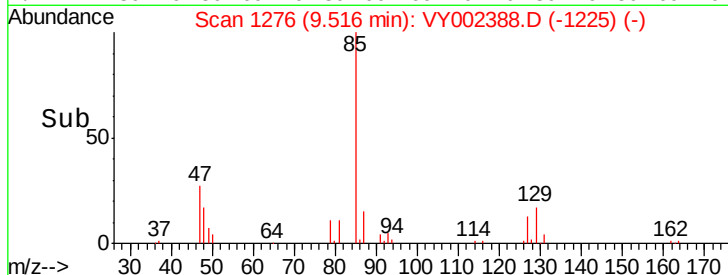
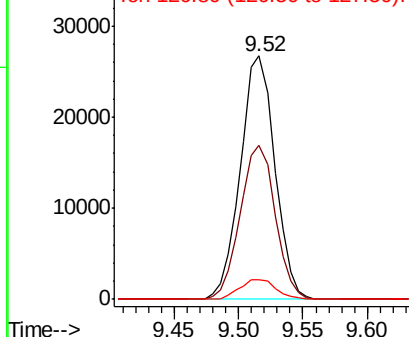
83 100

85 63.4 49.7 74.5

127 8.0 6.2 9.4



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: 14.801 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

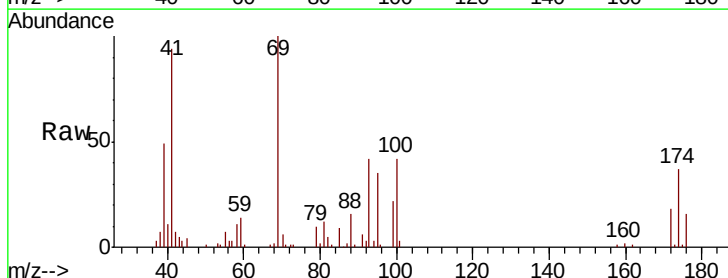
Tgt Ion: 41 Resp: 20041

Ion Ratio Lower Upper

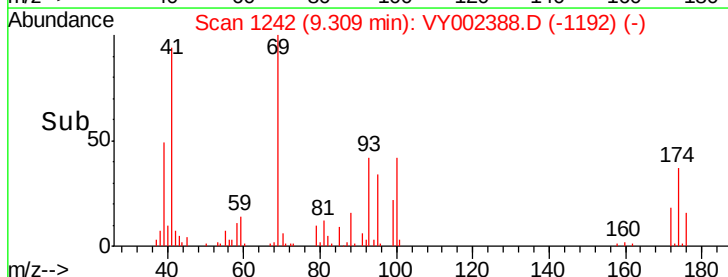
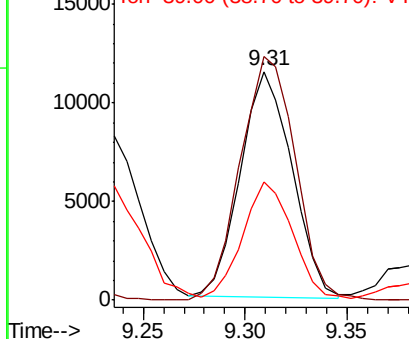
41 100

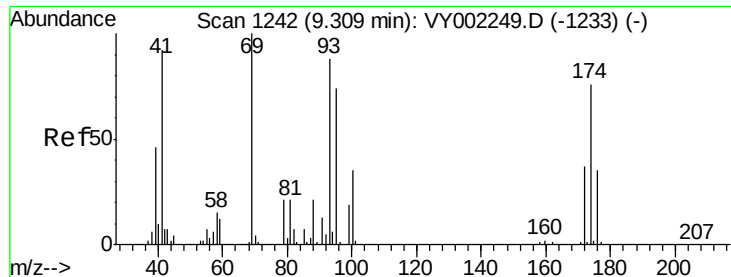
69 115.8 76.7 115.1#

39 49.4 40.5 60.7



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: 359.488 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

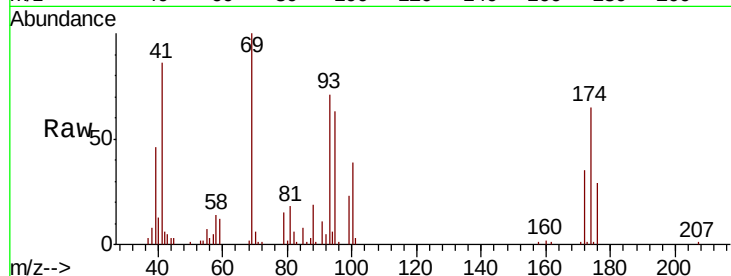
Tot Ion: 88 Resp: 5801

Ion Ratio Lower Upper

88 100

43 27.9 22.2 33.2

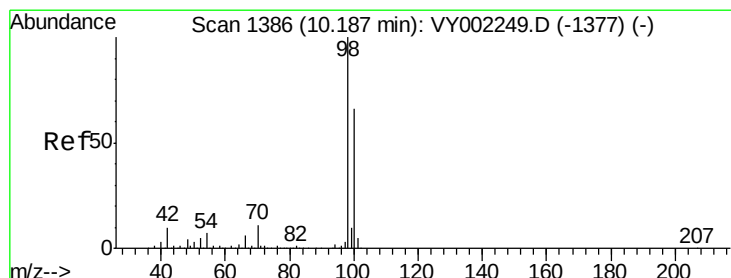
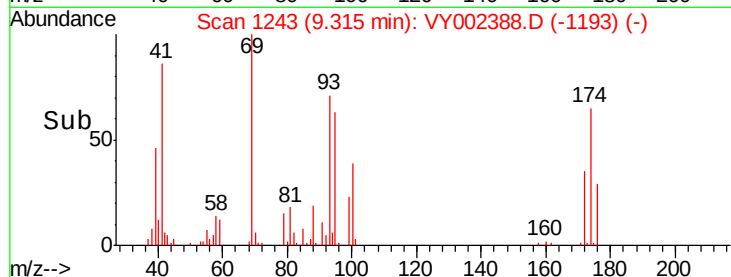
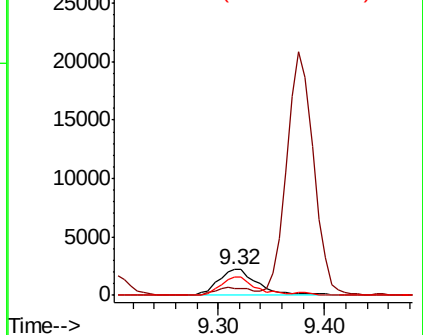
58 60.5 57.6 86.4



Abundance Ion 88.00 (87.70 to 88.70): VY002249.D (-1233) (-)

Ion 43.00 (42.70 to 43.70): VY002249.D (-1233) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-1233) (-)



#50

Toluene-d8

Concen: 47.048 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002388.D

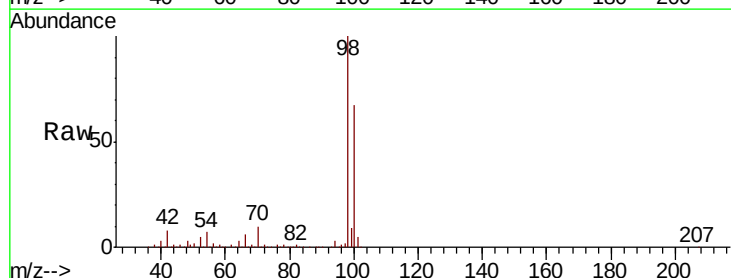
Acq: 17 Apr 2020 11:09

Tgt Ion: 98 Resp: 344790

Ion Ratio Lower Upper

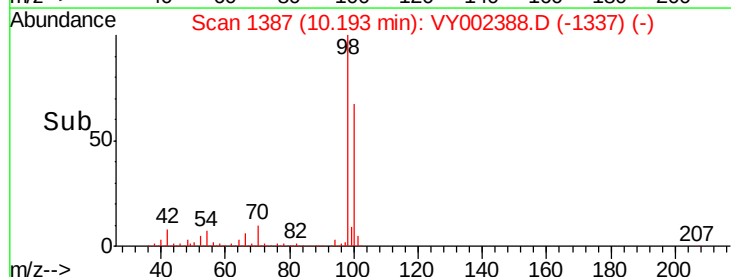
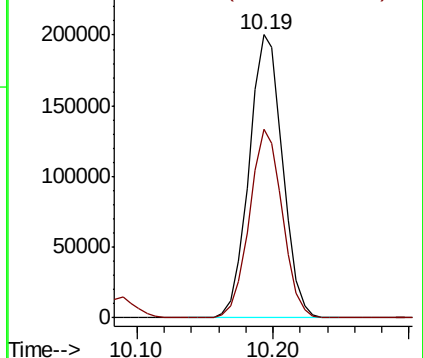
98 100

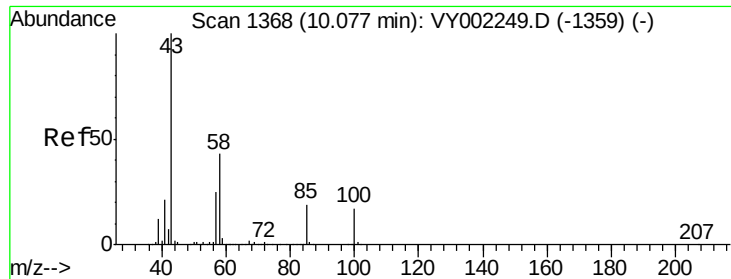
100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002249.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002249.D (-1377) (-)

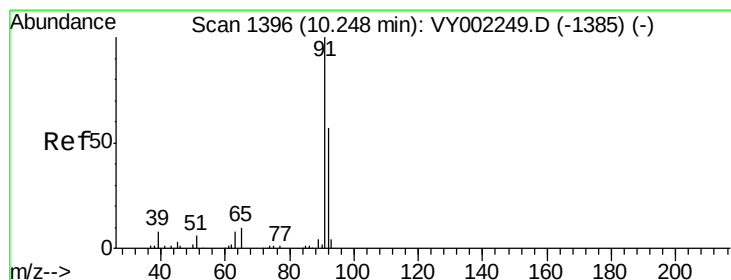
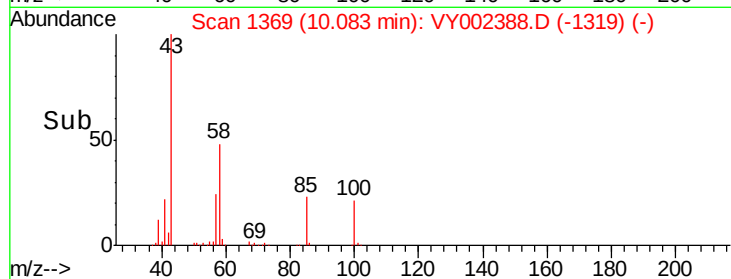
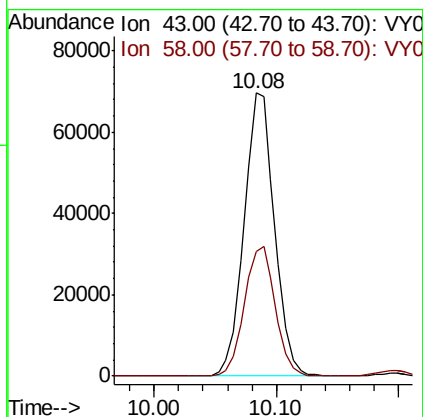
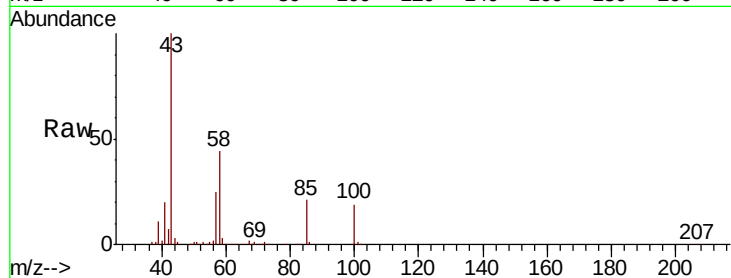




#51
 4-Methyl-2-Pentanone
 Concen: 76.317 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

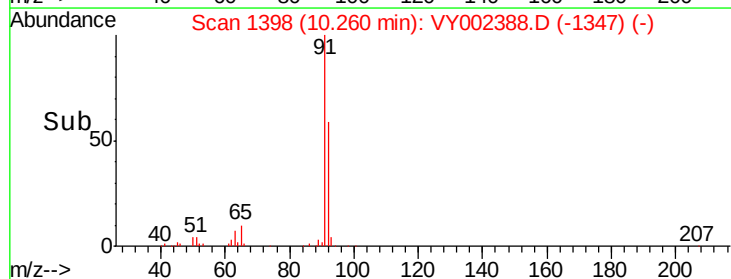
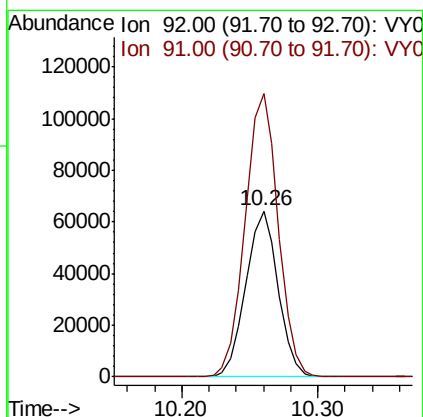
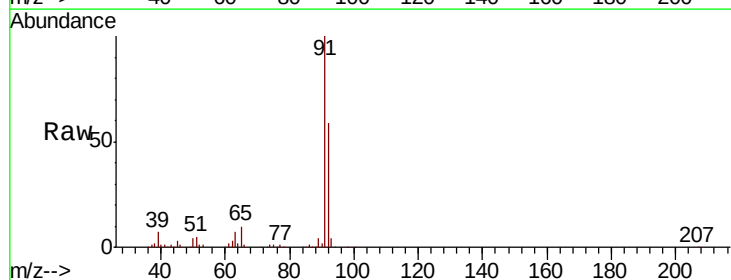
Instrument :
 MSVOA_Y
 ClientSampled :

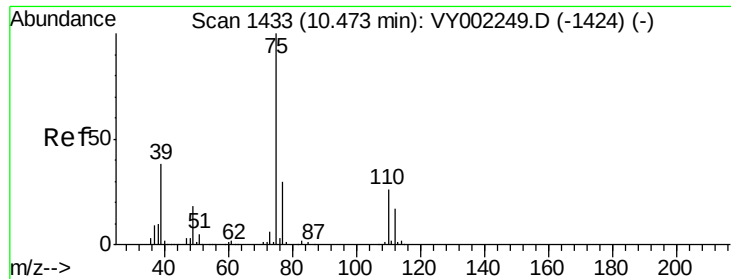
Tot Ion: 43 Resp: 120086
 Ion Ratio Lower Upper
 43 100
 58 46.4 33.8 50.8



#52
 Toluene
 Concen: 20.207 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion: 92 Resp: 107084
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.658 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

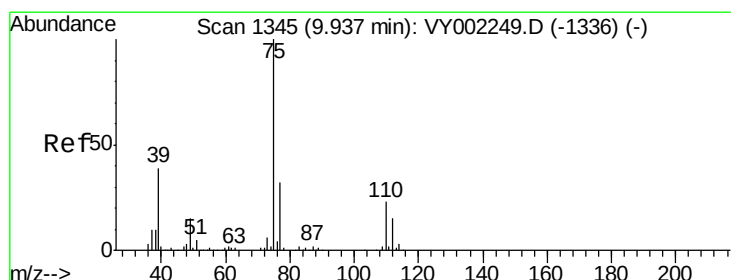
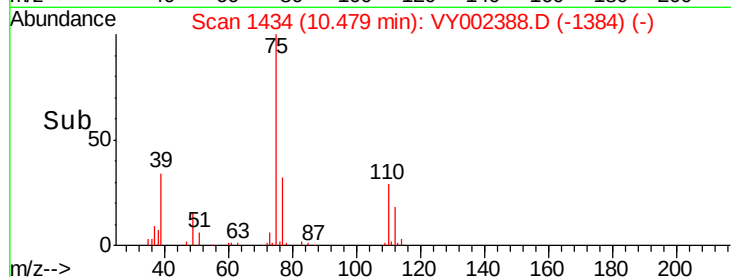
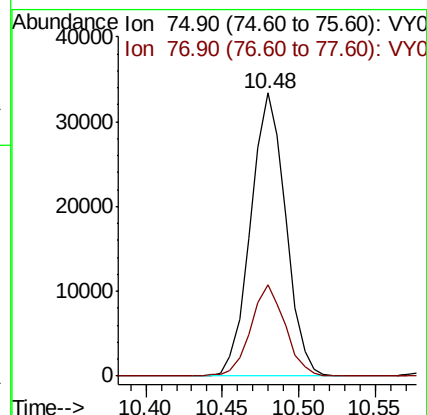
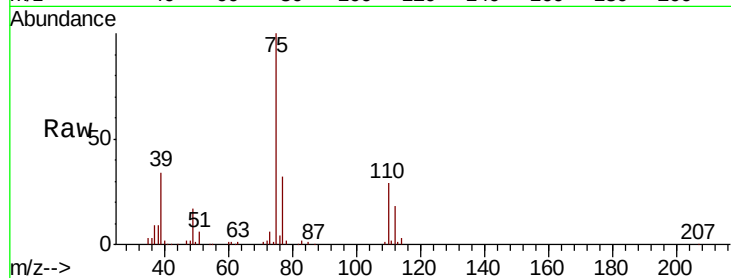
ClientSampleId :

Tot Ion: 75 Resp: 53210

Ion Ratio Lower Upper

75 100

77 32.3 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 19.143 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

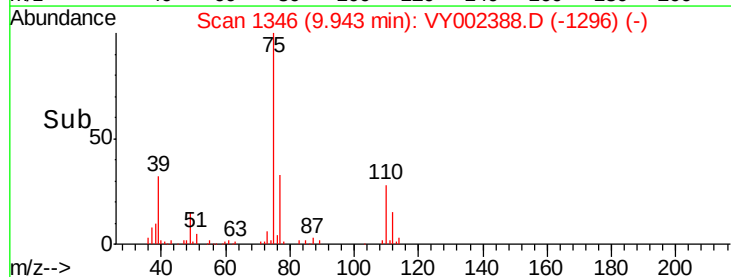
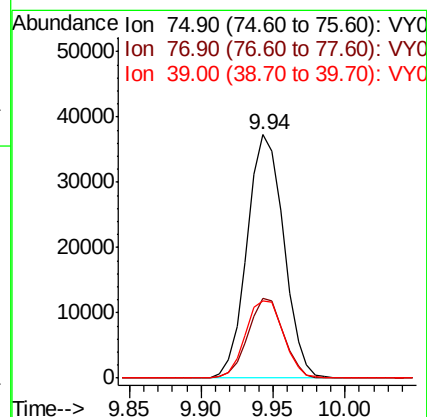
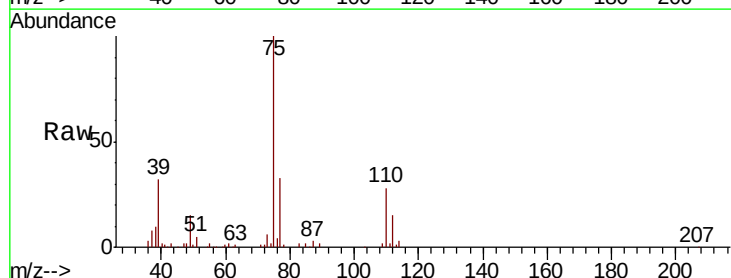
Tgt Ion: 75 Resp: 65637

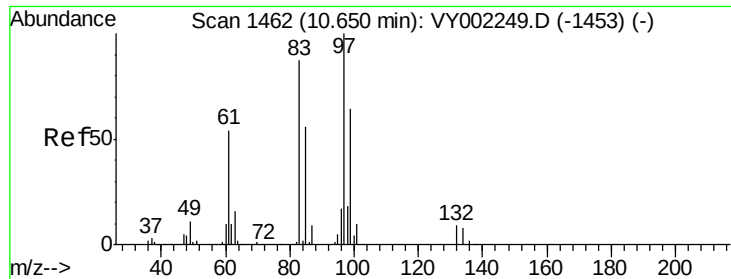
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8

39 31.8 30.8 46.2

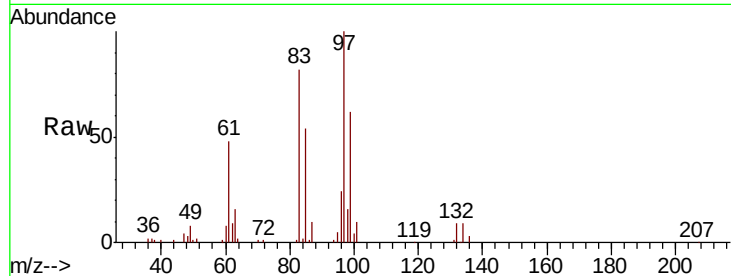




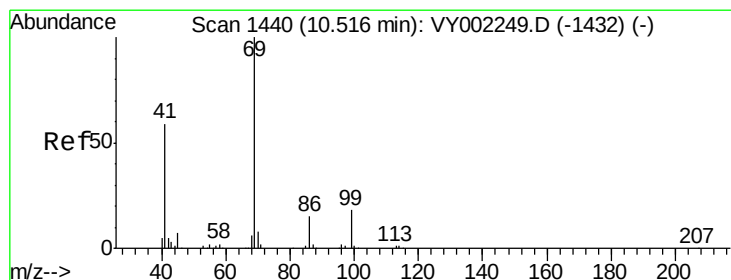
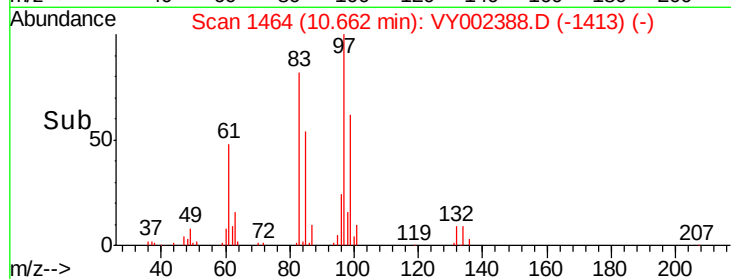
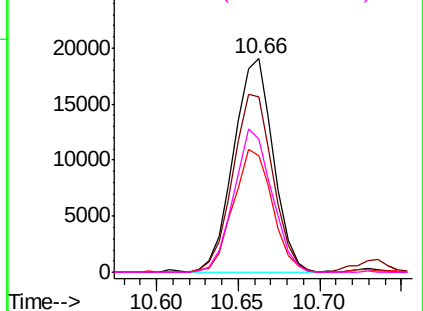
#55
 1,1,2-Trichloroethane
 Concen: 19.350 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	32318
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.5	104.3
85	54.3	45.2	67.8
99	62.3	50.9	76.3

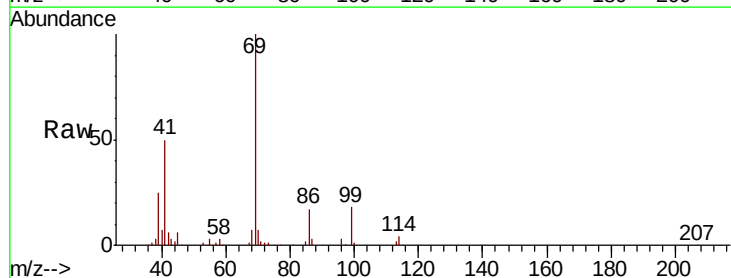


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

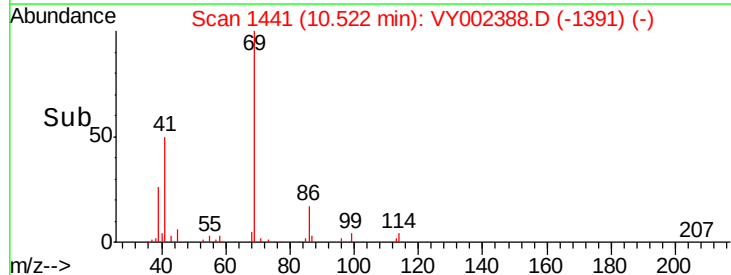
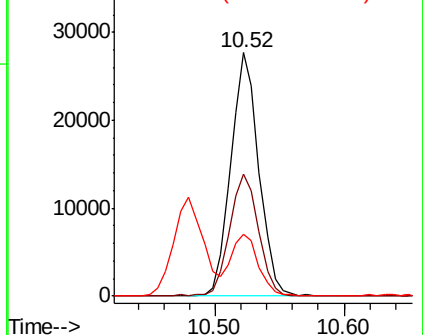


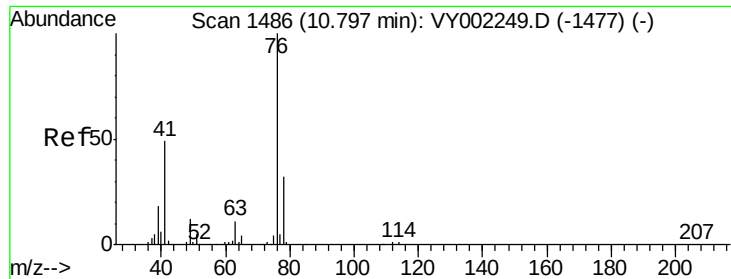
#56
 Ethyl methacrylate
 Concen: 17.576 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion:	69	Resp:	41895
Ion	Ratio	Lower	Upper
69	100		
41	51.9	47.9	71.9
39	24.9	23.8	35.6



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

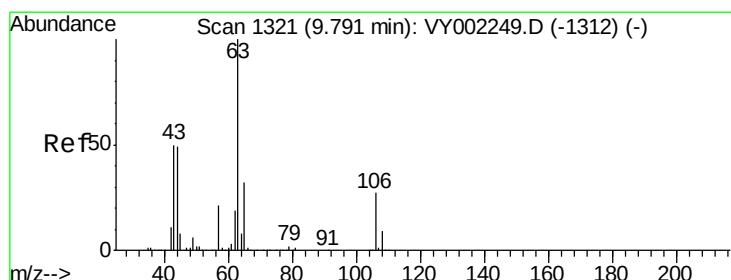
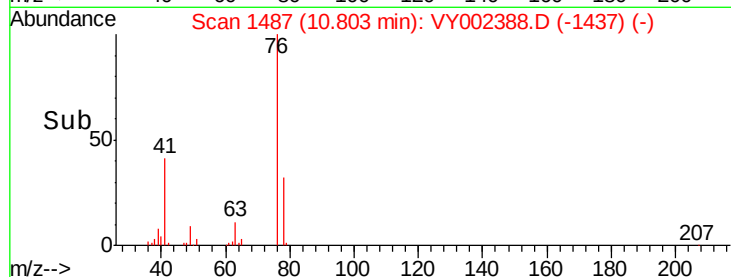
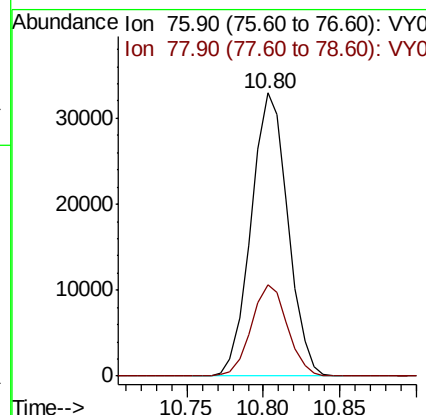
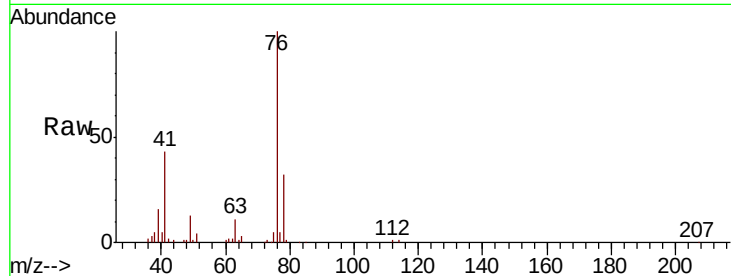




#57
 1,3-Dichloropropane
 Concen: 18.728 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

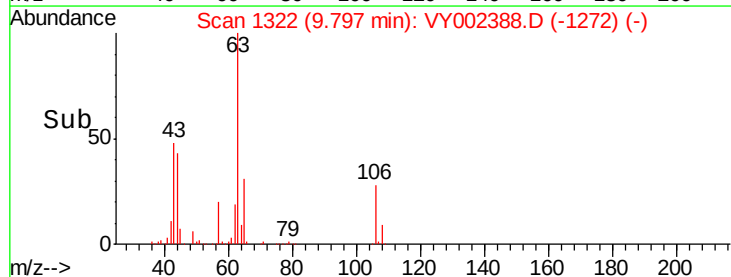
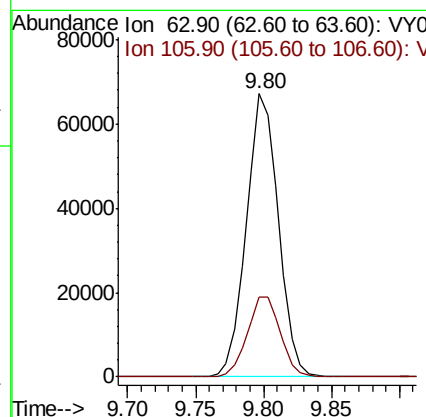
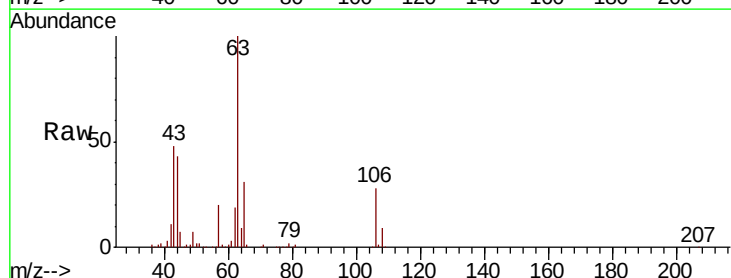
Instrument :
 MSVOA_Y
 ClientSampleId :

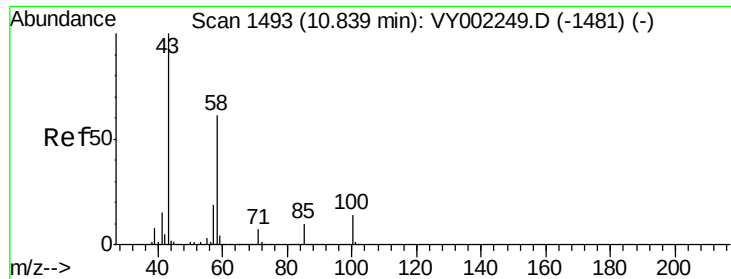
Tot Ion: 76 Resp: 54979
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.629 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion: 63 Resp: 110637
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.2 33.2

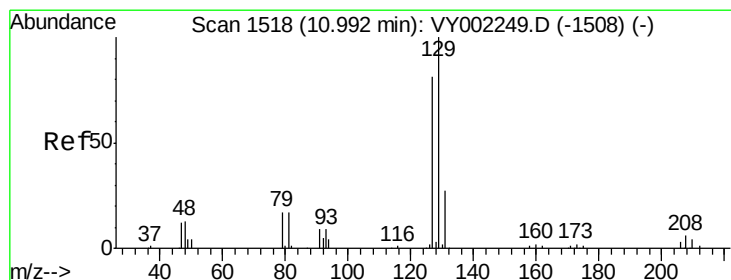
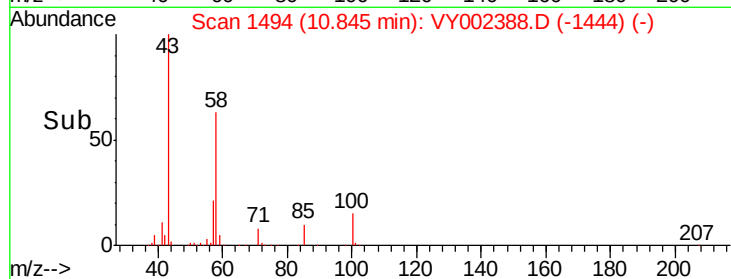
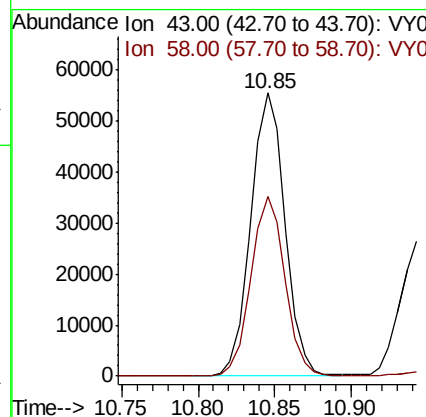
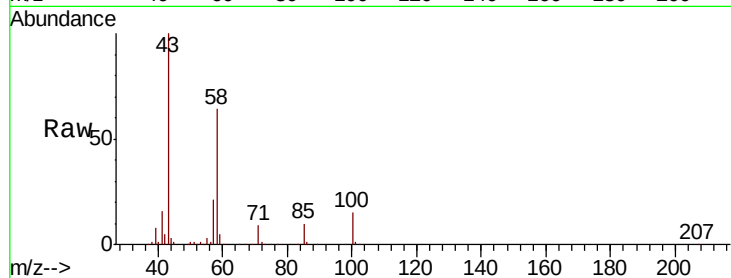




#59
2-Hexanone
Concen: 79.129 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

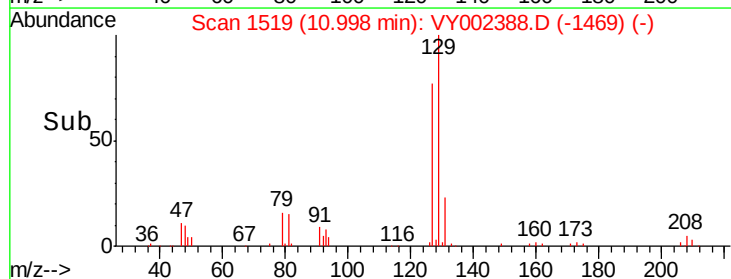
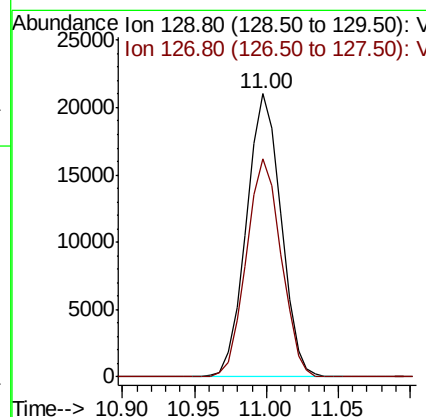
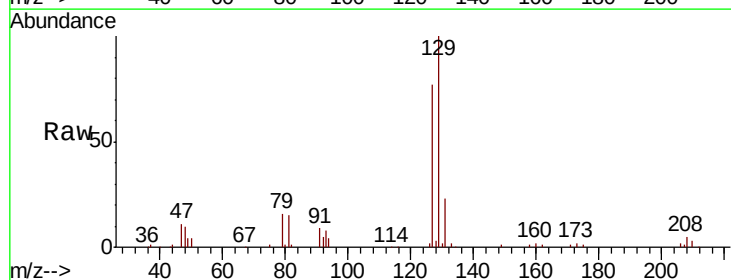
Instrument :
MSVOA_Y
ClientSampleId :

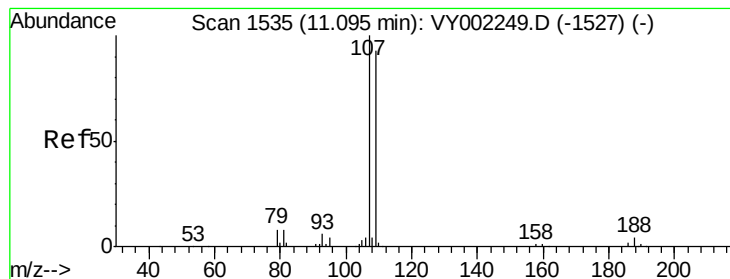
Tot Ion: 43 Resp: 86413
Ion Ratio Lower Upper
43 100
58 63.1 29.8 89.3



#60
Dibromochloromethane
Concen: 19.616 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion: 129 Resp: 34934
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 18.930 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

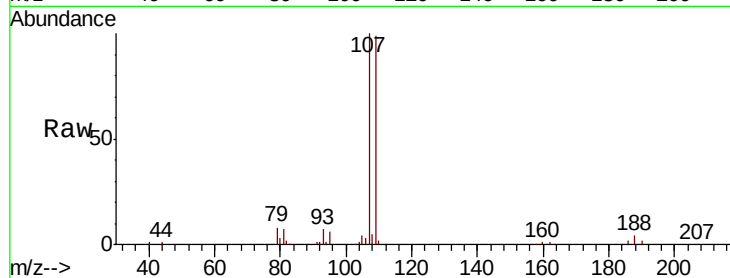
ClientSampleId :

Tot Ion:107 Resp: 30098

Ion Ratio Lower Upper

107 100

109 95.5 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

20000

15000

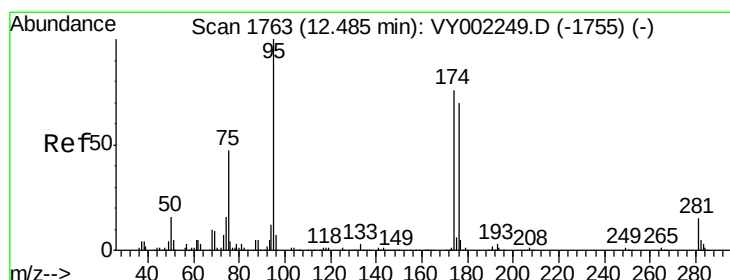
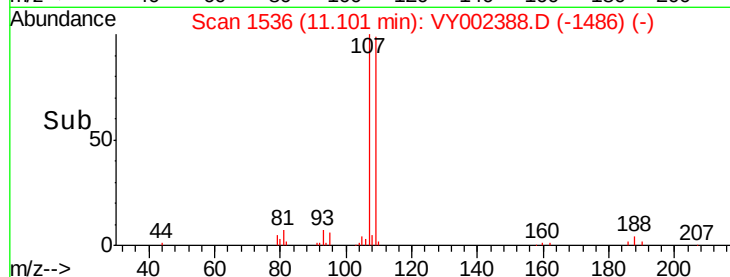
10000

5000

0

11.05 11.10 11.15

Time-->



#62

4-Bromofluorobenzene

Concen: 47.387 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

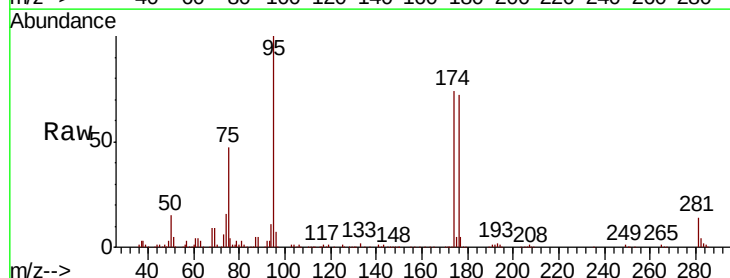
Tgt Ion: 95 Resp: 114570

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 74.2 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

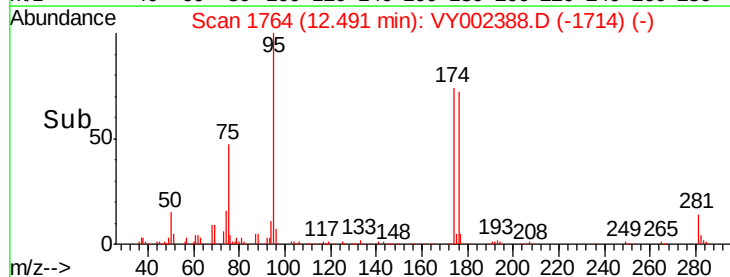
40000

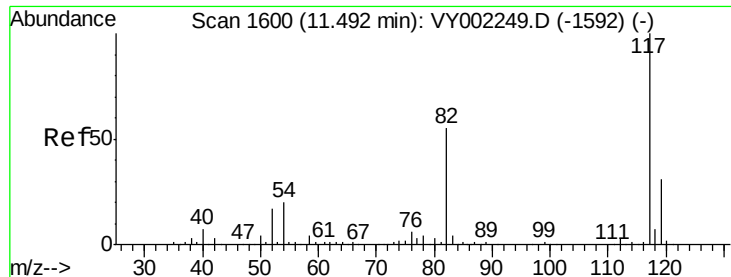
20000

0

12.40 12.45 12.50 12.55

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

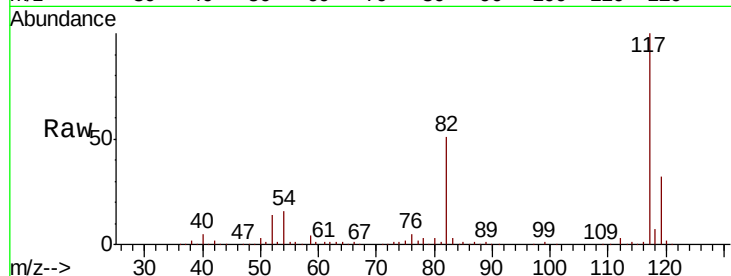
Tot Ion:117 Resp: 257611

Ion Ratio Lower Upper

117 100

82 51.0 44.2 66.4

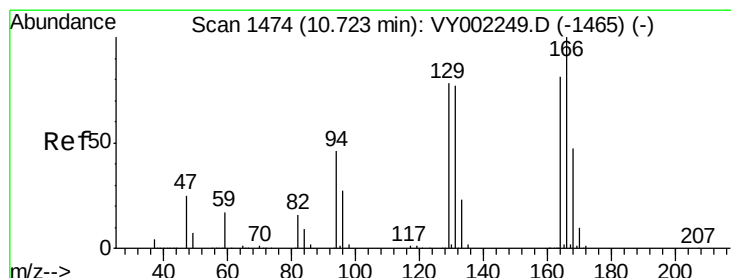
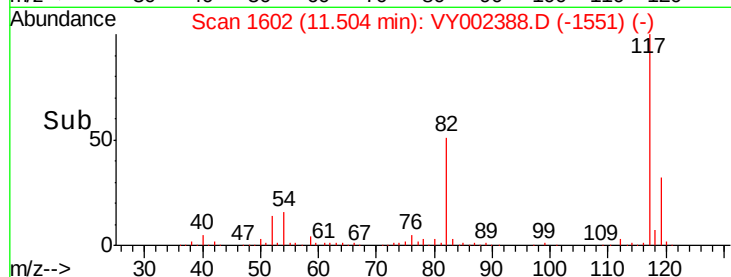
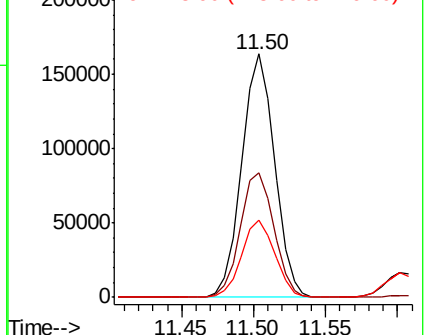
119 31.7 25.1 37.7



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: 21.232 ug/l

RT: 10.74 min Scan# 1476

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Tgt Ion:164 Resp: 55299

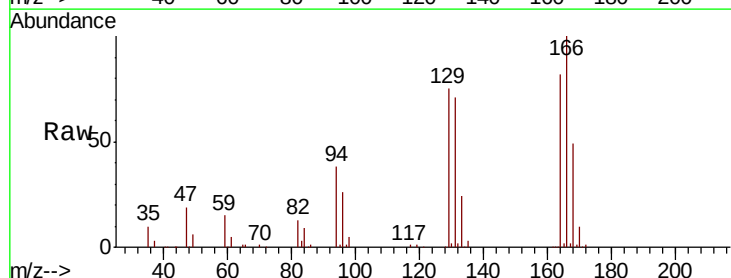
Ion Ratio Lower Upper

164 100

166 121.7 98.4 147.6

129 91.9 76.6 115.0

131 86.8 75.4 113.2

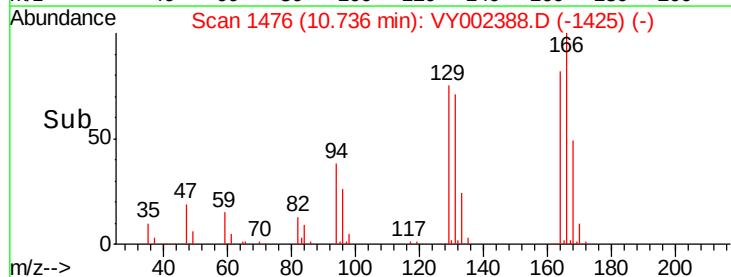
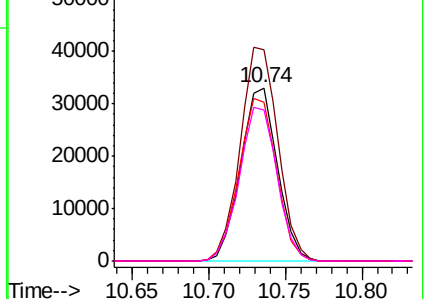


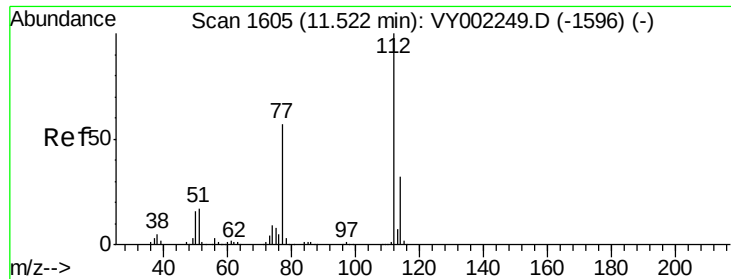
Abundance Ion 163.80 (163.50 to 164.50): V

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

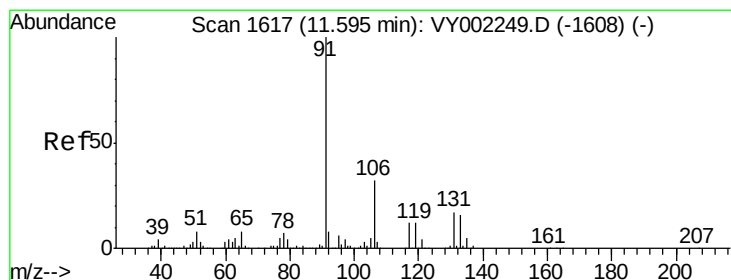
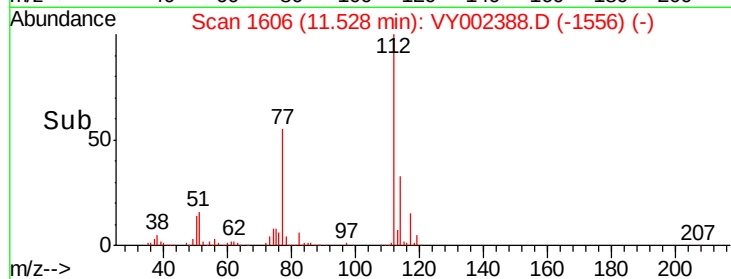
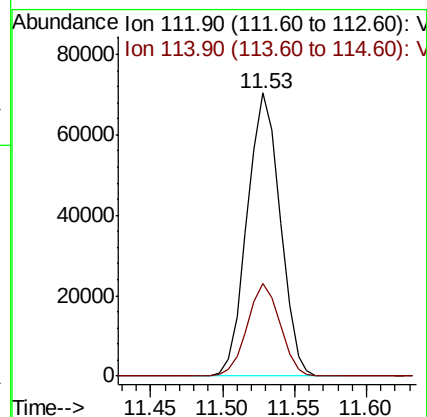
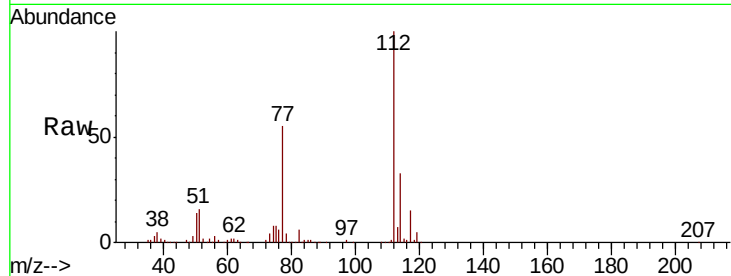




#65
Chlorobenzene
Concen: 20.862 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

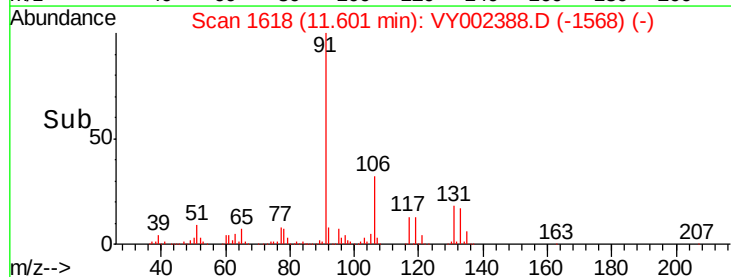
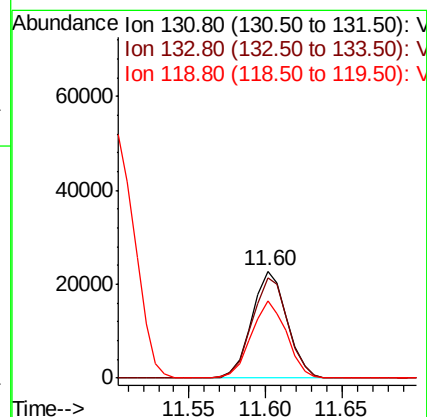
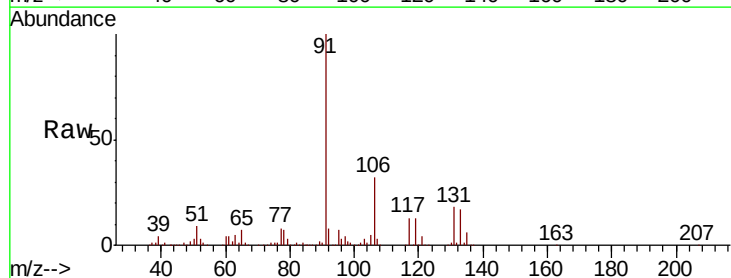
Instrument :
MSVOA_Y
ClientSampleId :

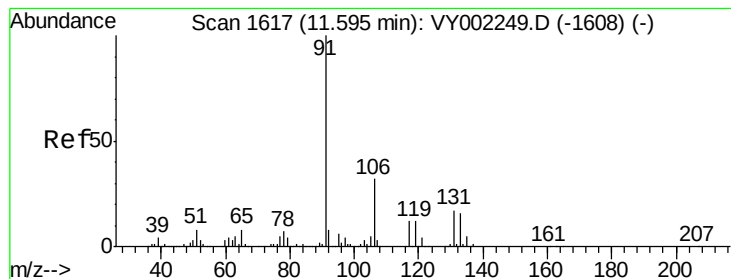
Tot Ion:112 Resp: 111714
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.580 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion:131 Resp: 36385
Ion Ratio Lower Upper
131 100
133 95.7 46.5 139.3
119 72.8 34.5 103.6





#67

Ethyl Benzene

Concen: 20.651 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

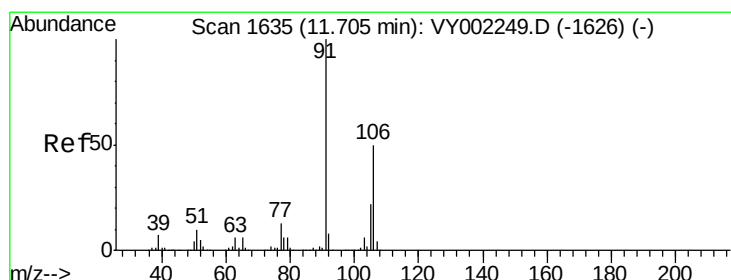
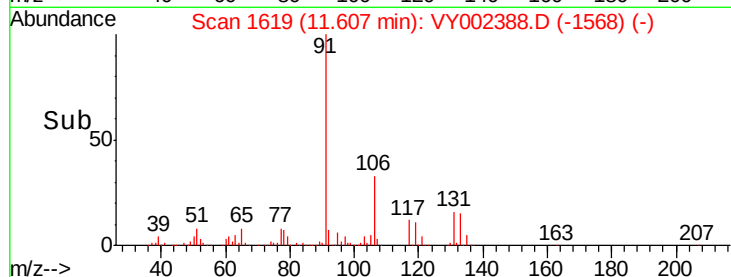
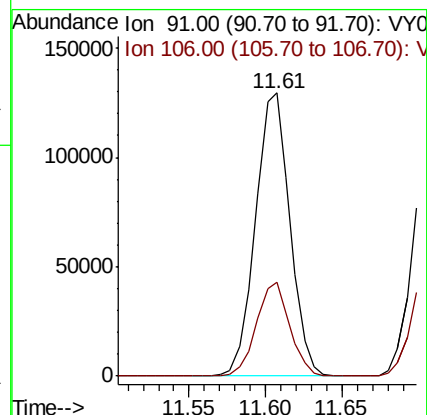
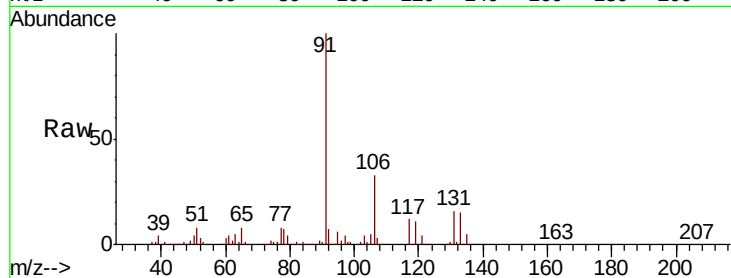
ClientSampled :

Tot Ion: 91 Resp: 202448

Ion Ratio Lower Upper

91 100

106 33.2 25.4 38.0



#68

m/p-Xylenes

Concen: 41.654 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VY002388.D

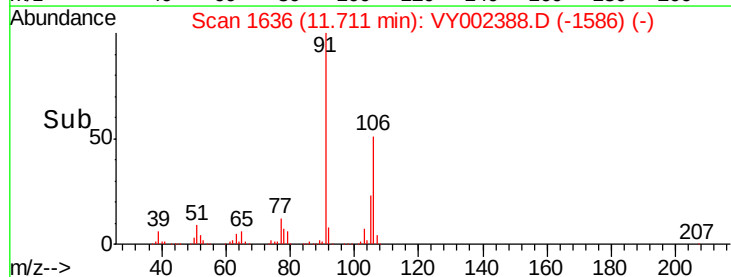
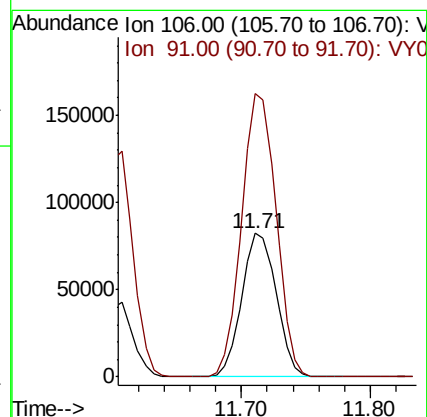
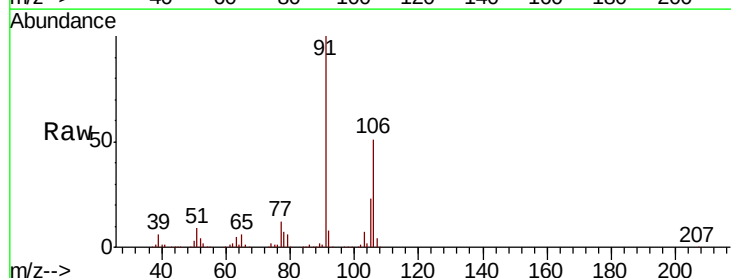
Acq: 17 Apr 2020 11:09

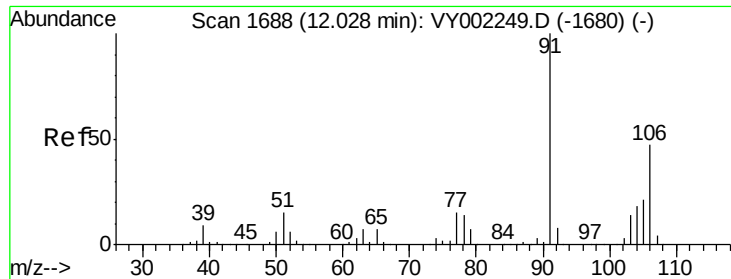
Tgt Ion: 106 Resp: 152944

Ion Ratio Lower Upper

106 100

91 196.8 159.8 239.6

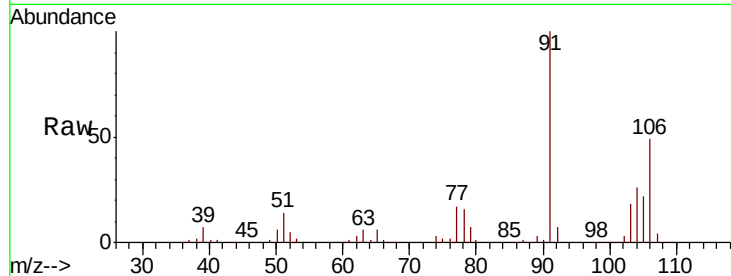




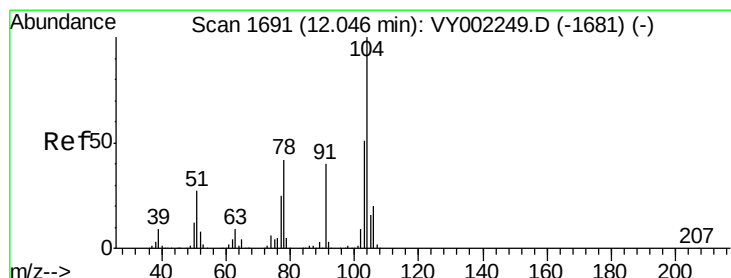
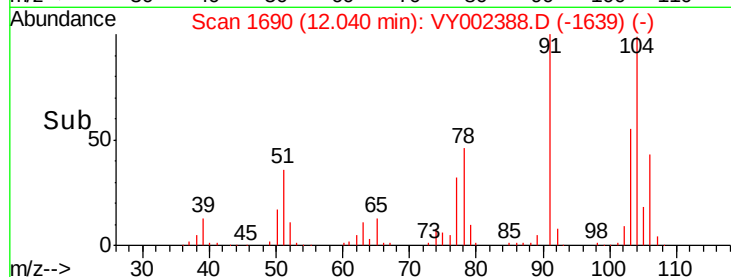
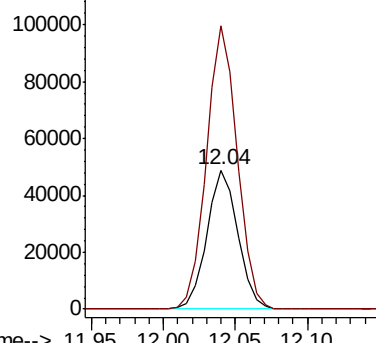
#69
o-Xylene
Concen: 21.037 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 72519
Ion Ratio Lower Upper
106 100
91 203.3 105.8 317.3

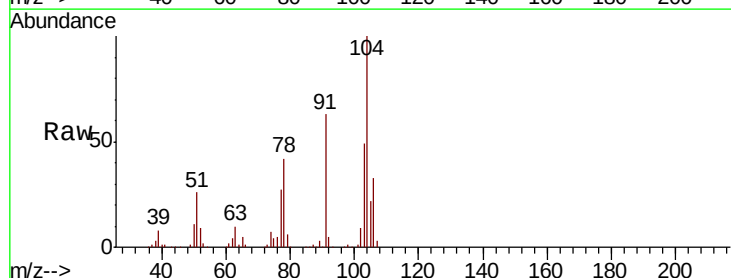


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

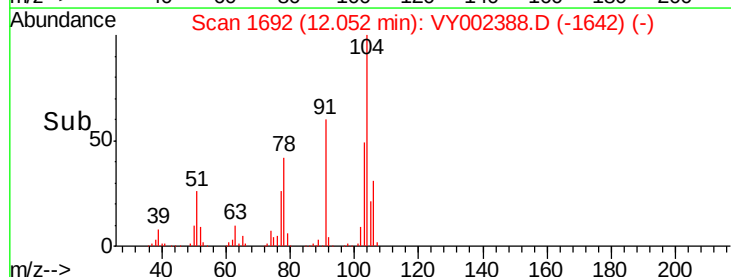
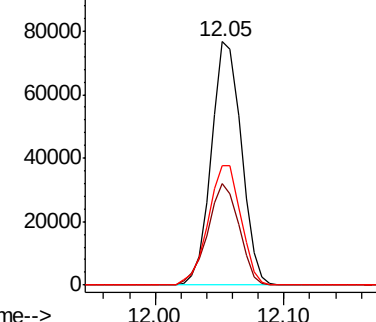


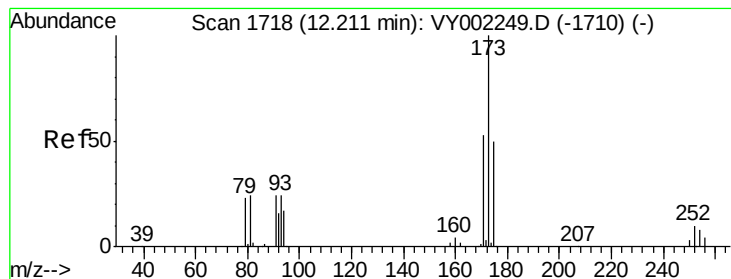
#70
Styrene
Concen: 20.601 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion:104 Resp: 123207
Ion Ratio Lower Upper
104 100
78 43.9 37.2 55.8
103 54.0 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.684 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

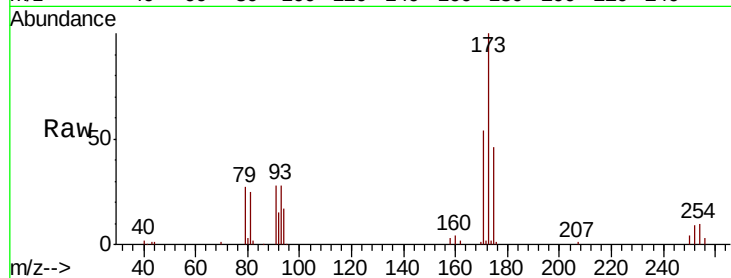
Tot Ion:173 Resp: 18925

Ion Ratio Lower Upper

173 100

175 50.8 24.1 72.3

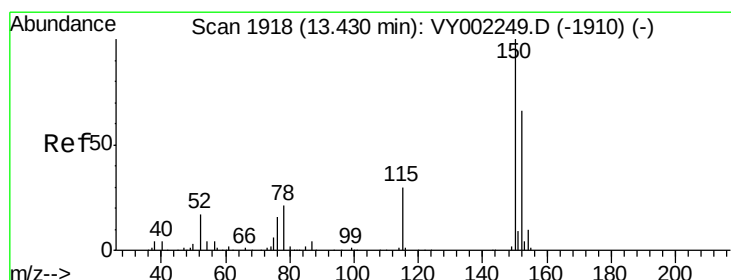
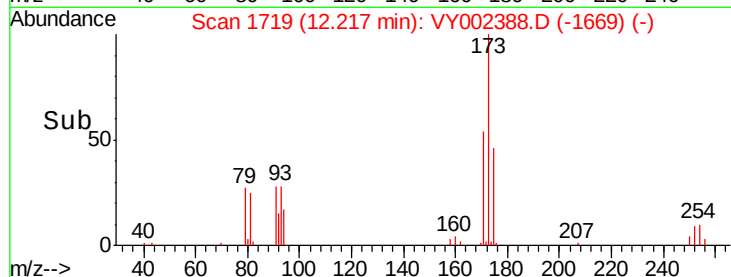
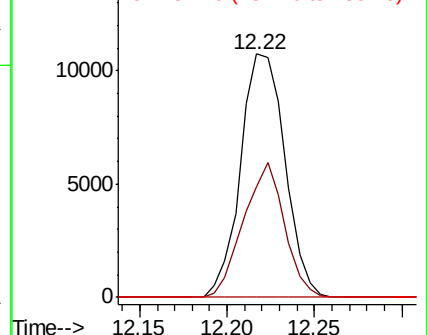
254 0.0 0.0 0.0



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

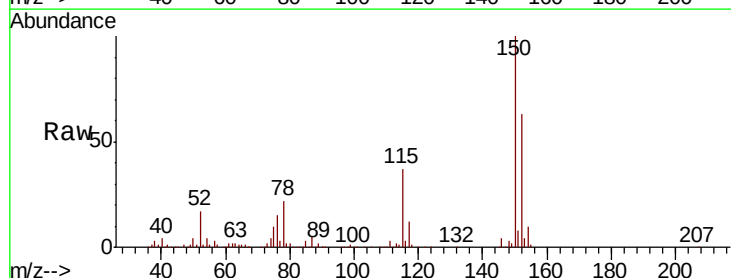
Tgt Ion:152 Resp: 119673

Ion Ratio Lower Upper

152 100

115 58.4 30.7 92.1

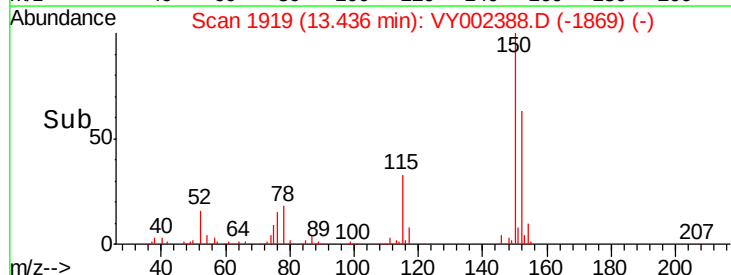
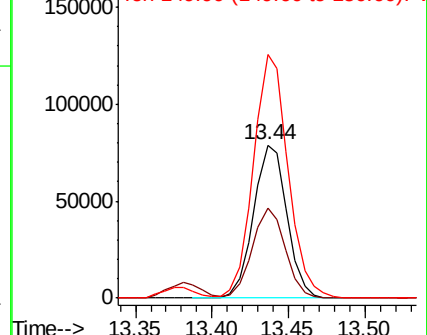
150 164.8 0.0 350.6

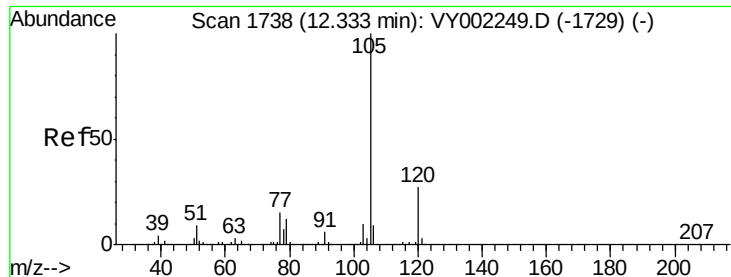


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.590 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

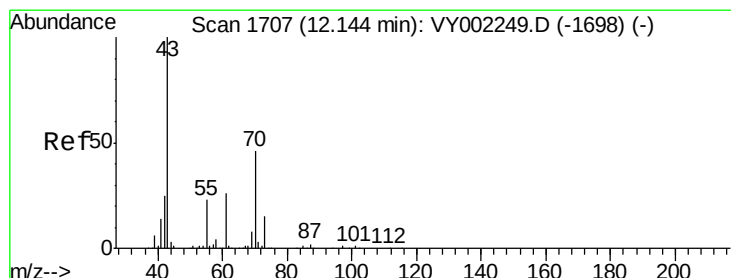
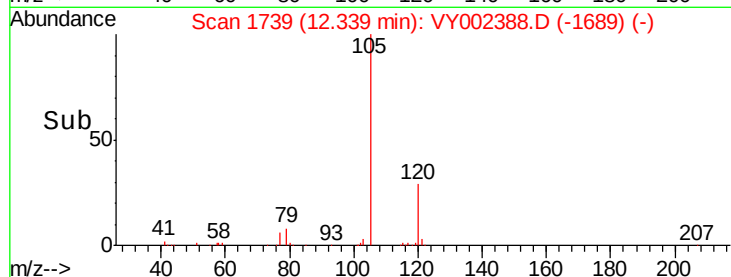
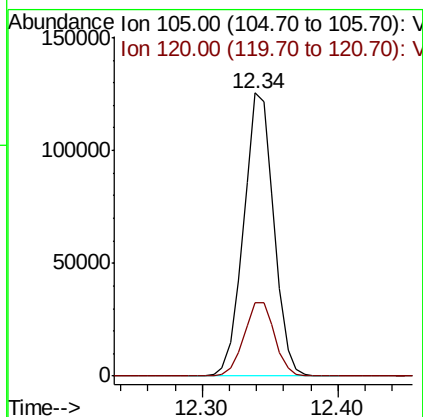
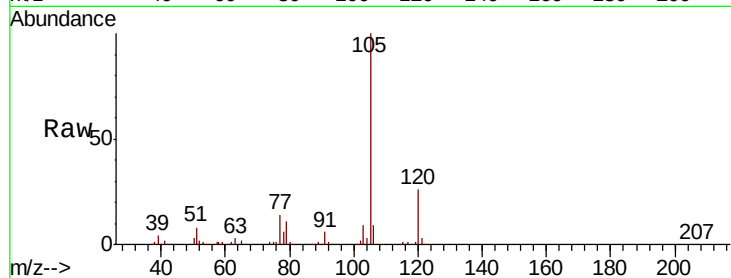
ClientSampleId :

Tot Ion:105 Resp: 193582

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 15.671 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Tgt Ion: 43 Resp: 41821

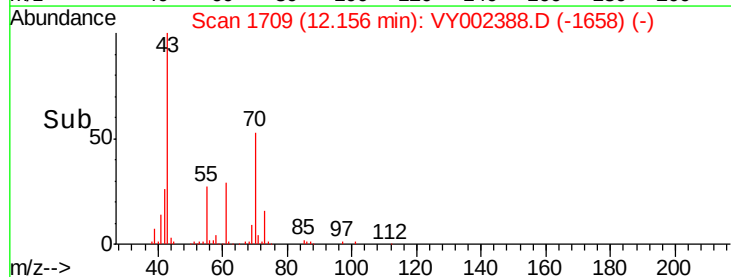
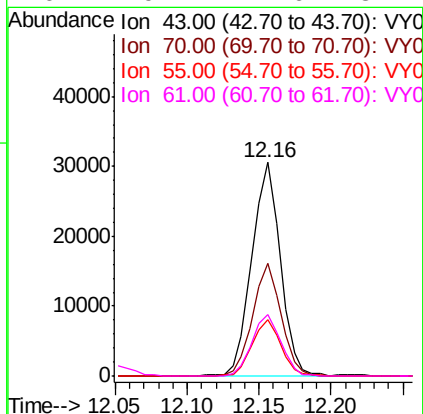
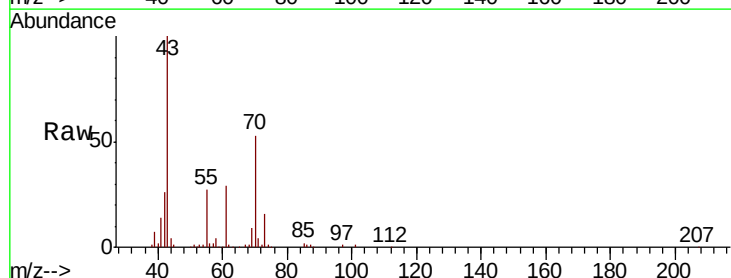
Ion Ratio Lower Upper

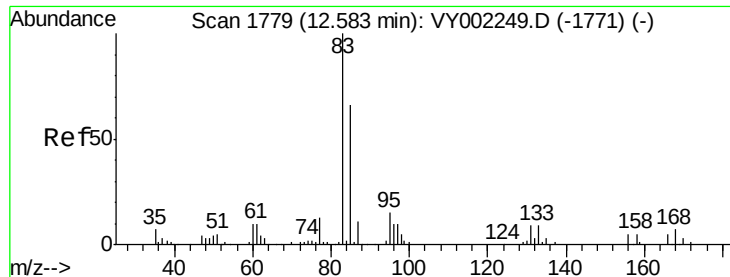
43 100

70 52.3 37.5 56.3

55 26.6 19.0 28.6

61 29.1 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.366 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

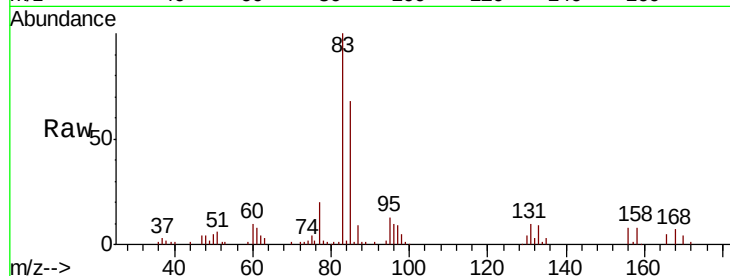
Tot Ion: 83 Resp: 23166

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

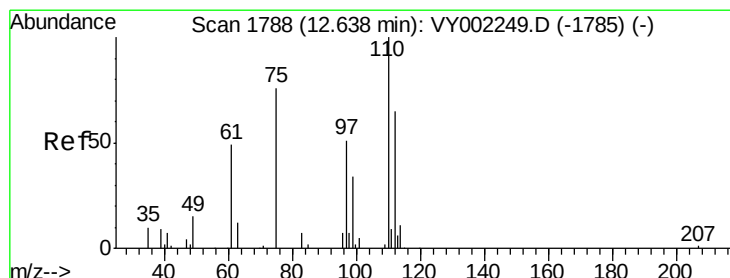
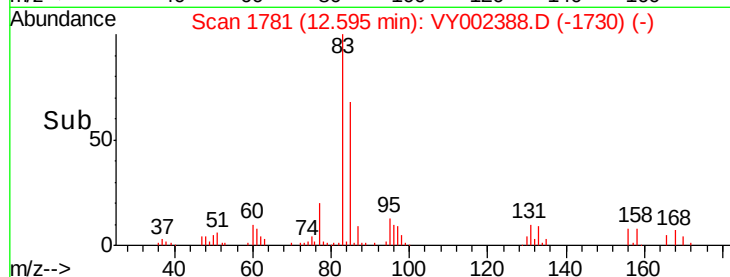
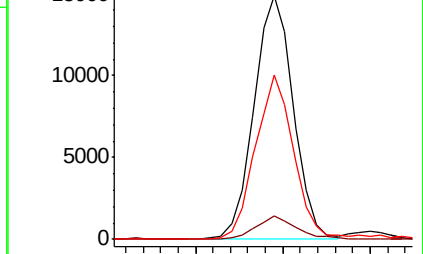
85 65.9 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY002249.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY002249.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 33.757 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY002388.D

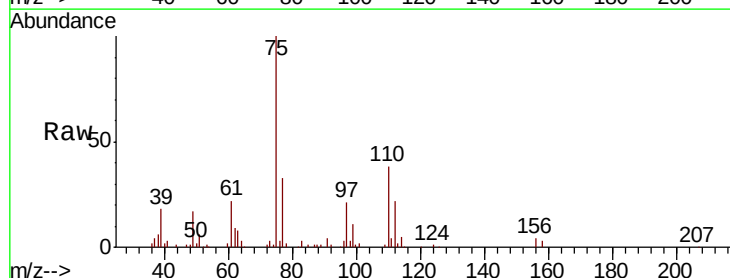
Acq: 17 Apr 2020 11:09

Tgt Ion: 75 Resp: 46911

Ion Ratio Lower Upper

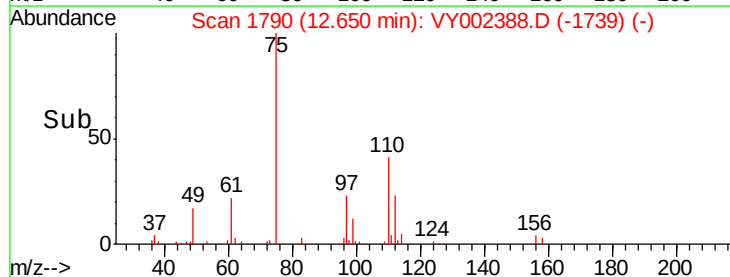
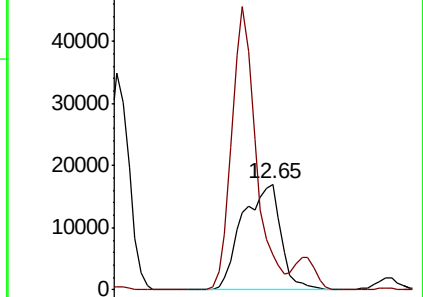
75 100

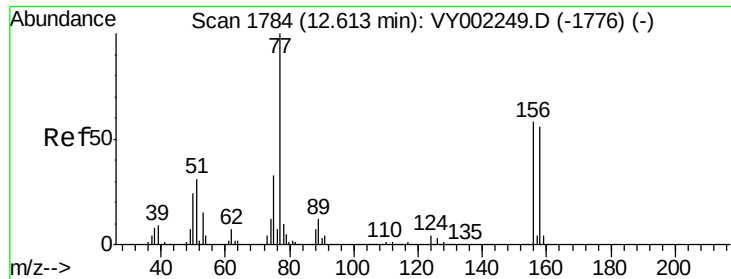
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002249.D (-1785) (-)





#77

Bromobenzene

Concen: 20.595 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

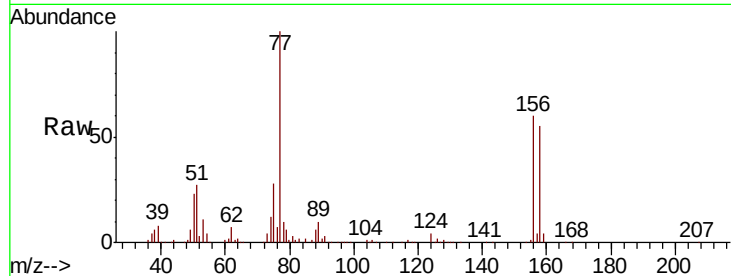
Tot Ion:156 Resp: 42600

Ion Ratio Lower Upper

156 100

77 184.3 101.3 303.9

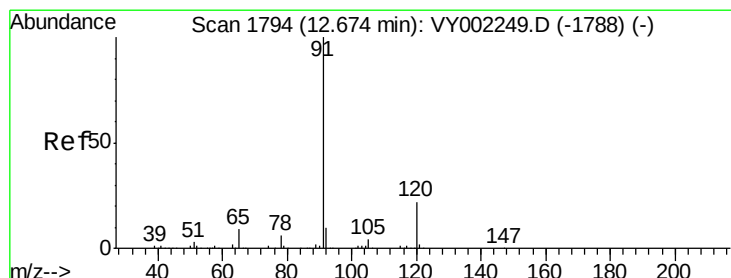
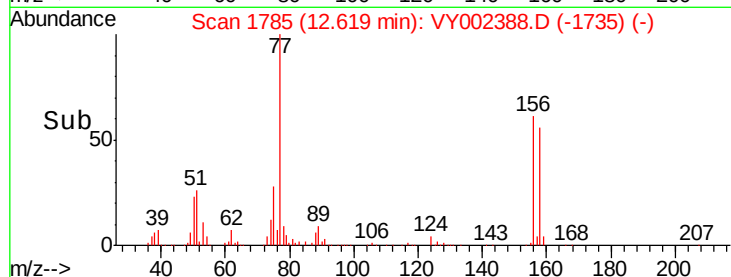
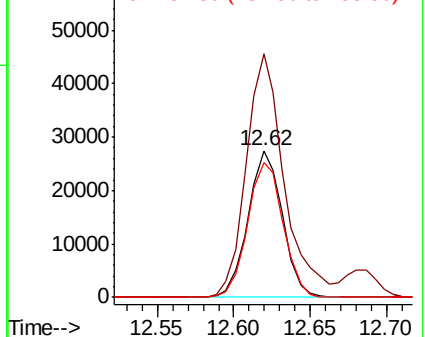
158 95.4 48.3 144.8



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: 20.170 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002388.D

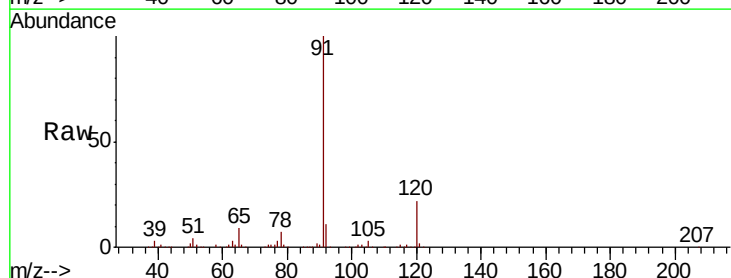
Acq: 17 Apr 2020 11:09

Tgt Ion: 91 Resp: 235840

Ion Ratio Lower Upper

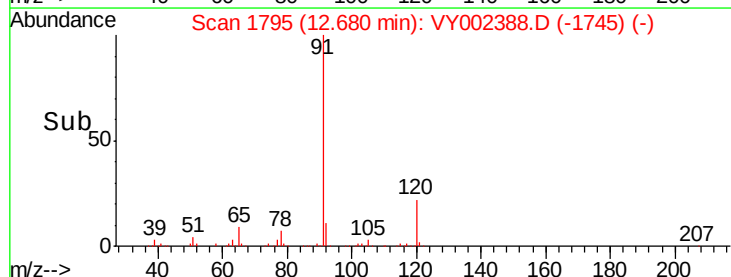
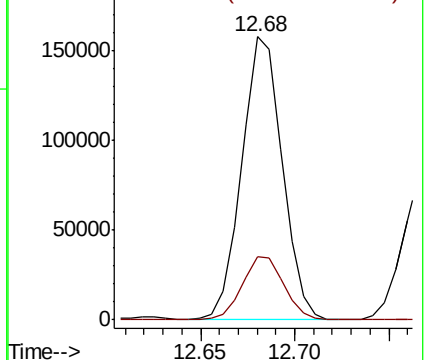
91 100

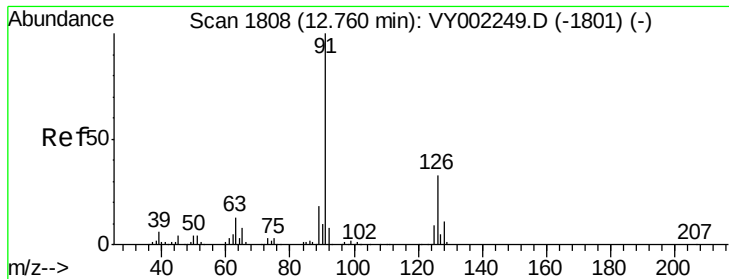
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.886 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

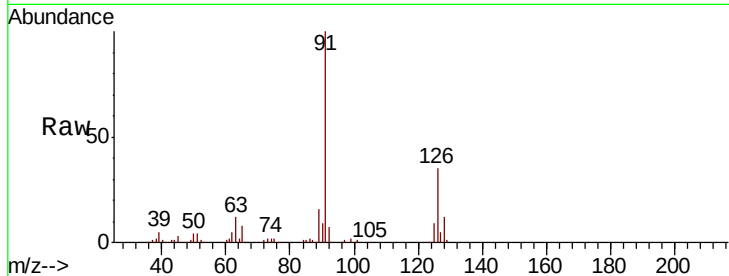
ClientSampleId :

Tot Ion: 91 Resp: 126363

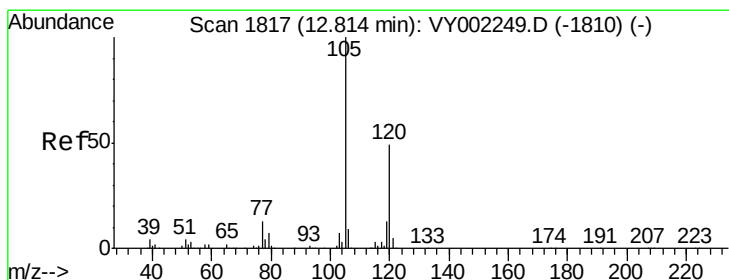
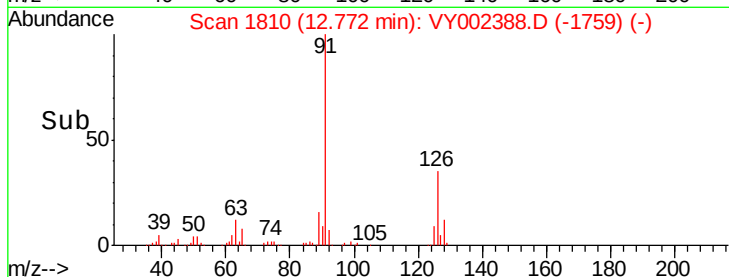
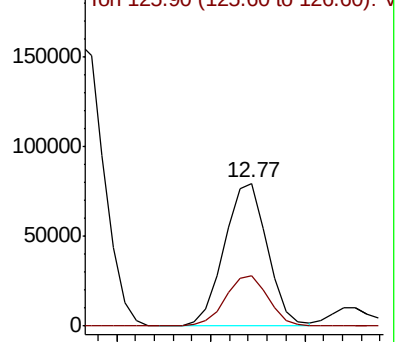
Ion Ratio Lower Upper

91 100

126 35.0 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.147 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002388.D

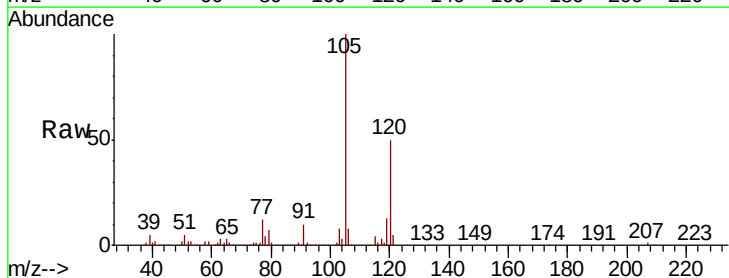
Acq: 17 Apr 2020 11:09

Tgt Ion:105 Resp: 156651

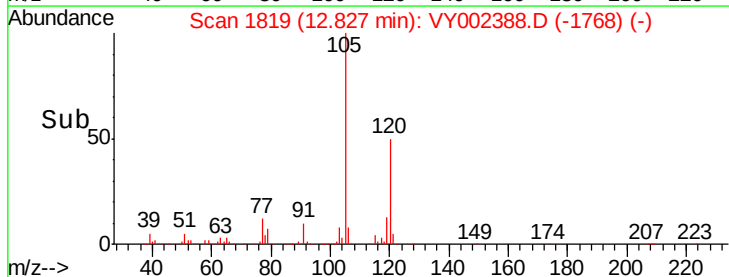
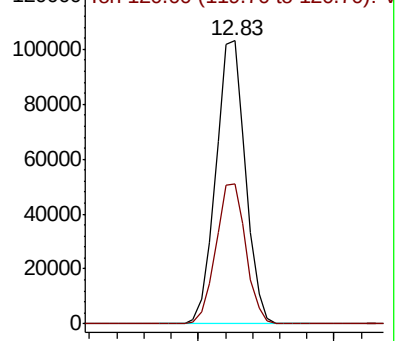
Ion Ratio Lower Upper

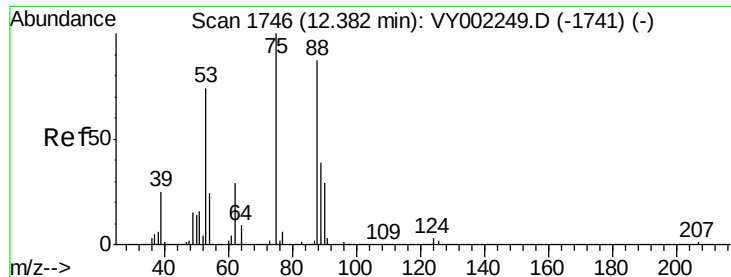
105 100

120 50.2 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)

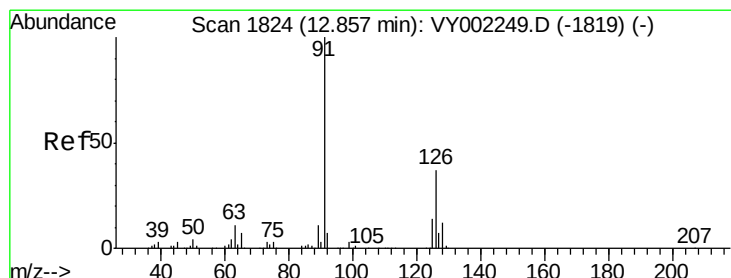
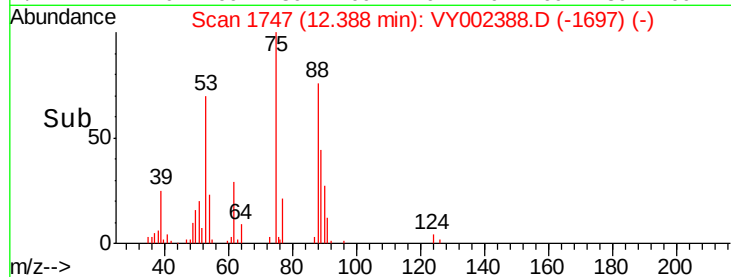
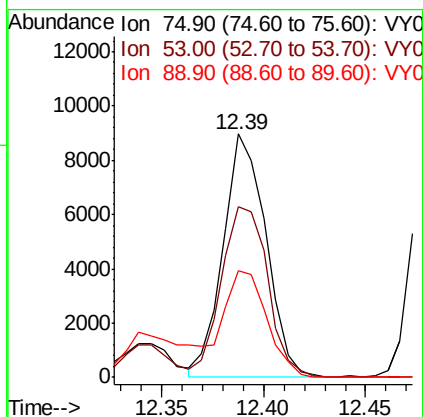
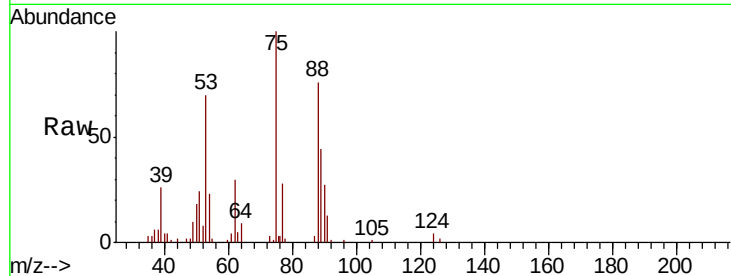




#81
trans-1,4-Dichloro-2-butene
Concen: 18.266 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

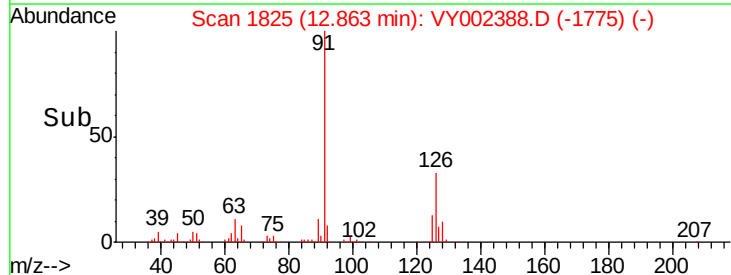
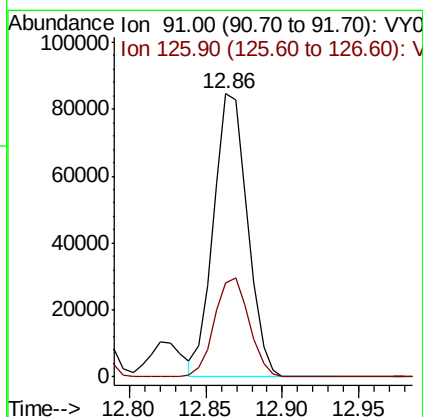
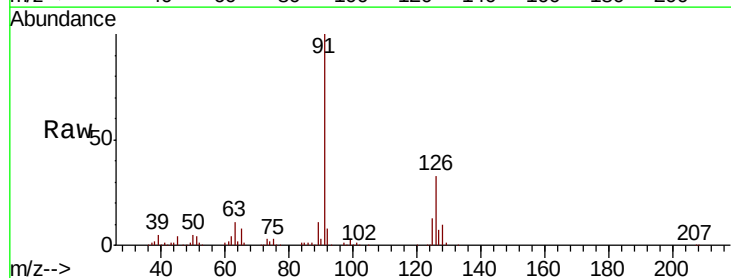
Instrument :
MSVOA_Y
ClientSampled :

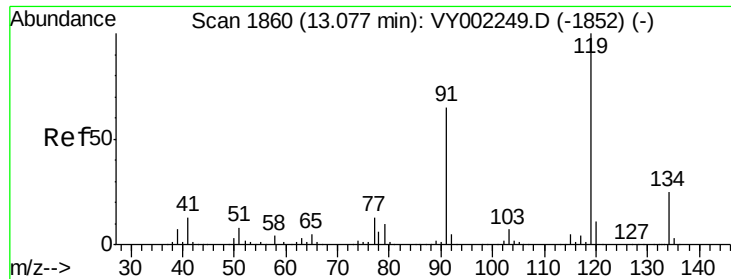
Tot Ion: 75 Resp: 13051
Ion Ratio Lower Upper
75 100
53 75.9 59.8 89.8
89 44.5 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.595 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion: 91 Resp: 130507
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7

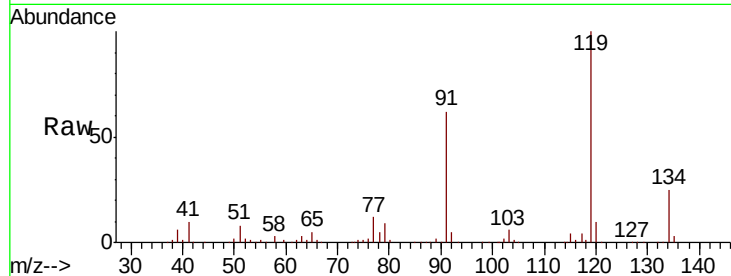




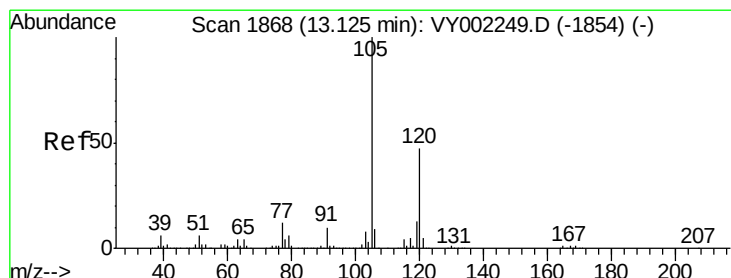
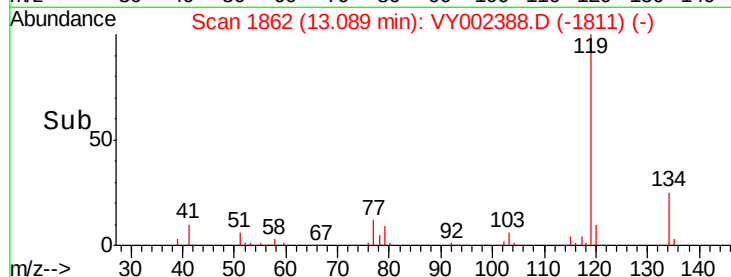
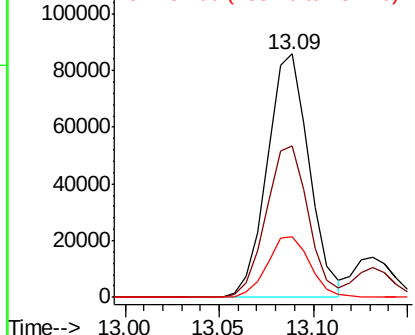
#83
 tert-Butylbenzene
 Concen: 20.382 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:119 Resp: 132745
 Ion Ratio Lower Upper
 119 100
 91 62.5 32.4 97.0
 134 25.5 12.6 37.6

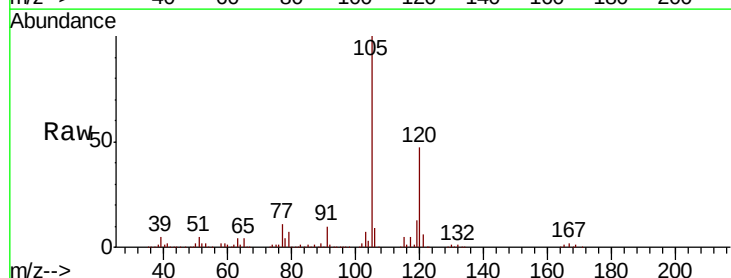


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

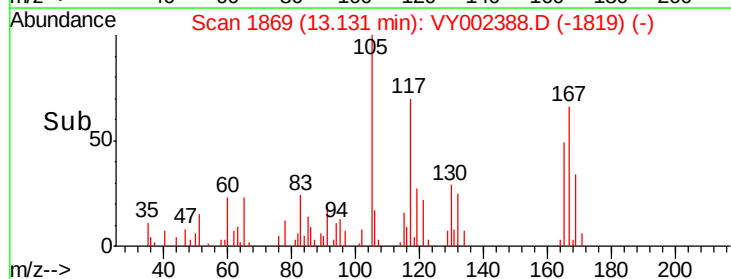
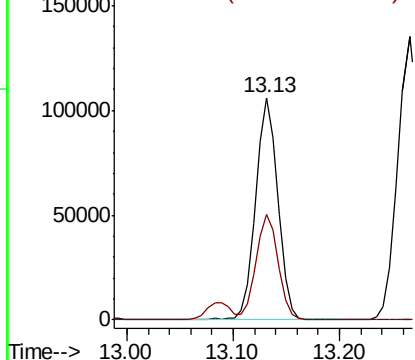


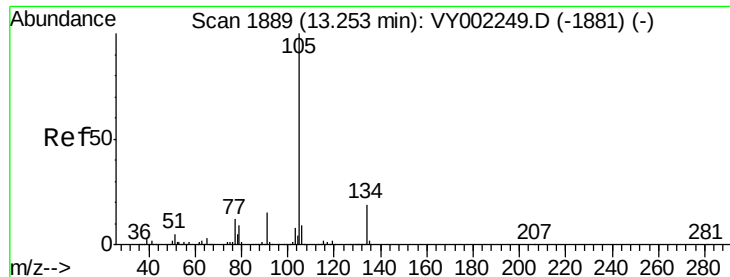
#84
 1,2,4-Trimethylbenzene
 Concen: 20.072 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion:105 Resp: 155847
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.520 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

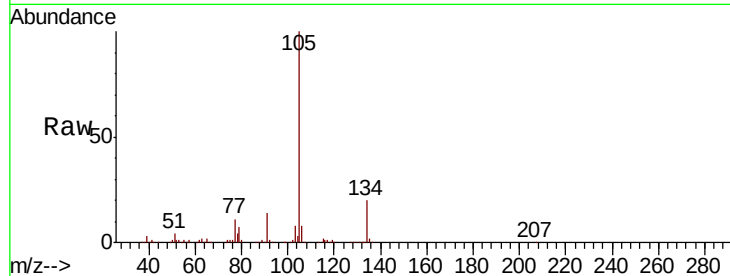
ClientSampleId :

Tot Ion:105 Resp: 199086

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

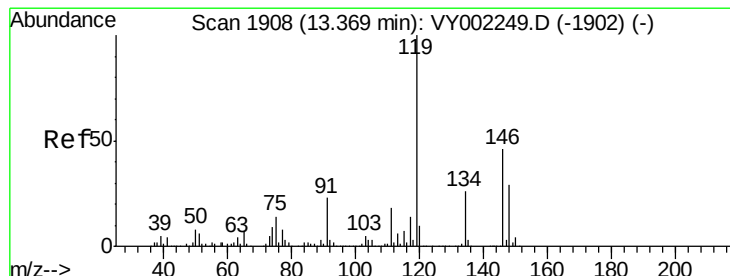
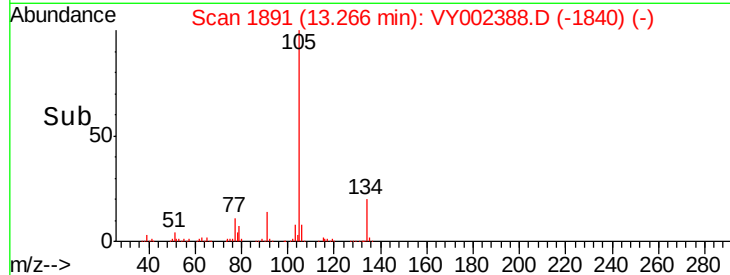
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.688 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

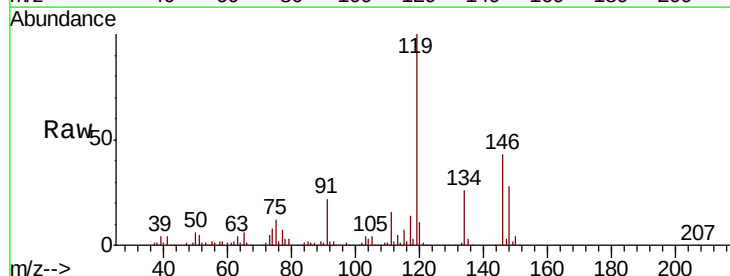
Tgt Ion:119 Resp: 172752

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 21.5 11.5 34.4



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

13.38

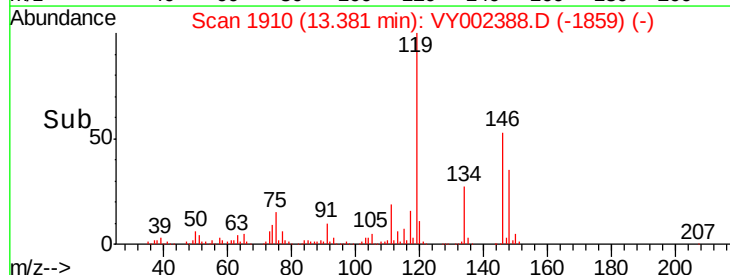
150000

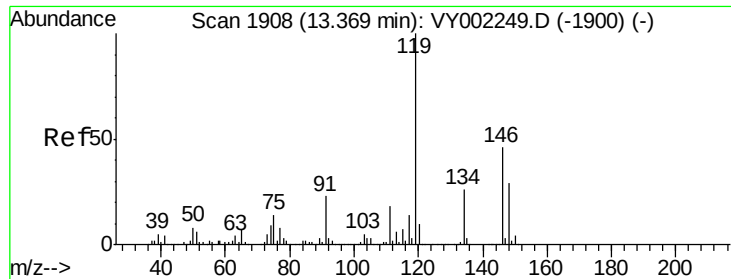
100000

50000

0

Time-->

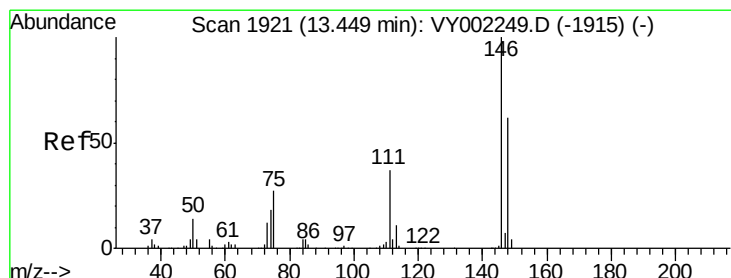
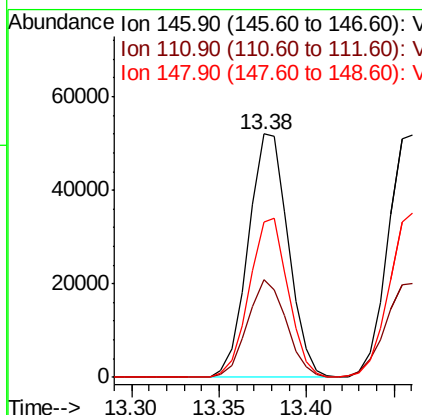
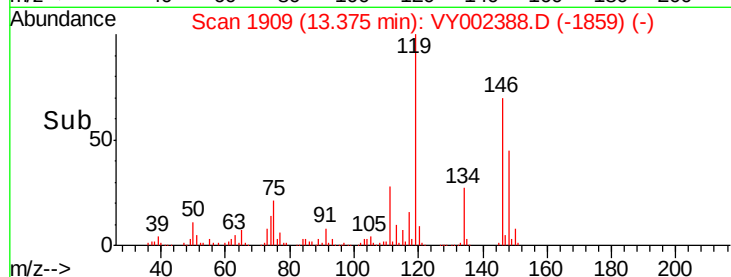
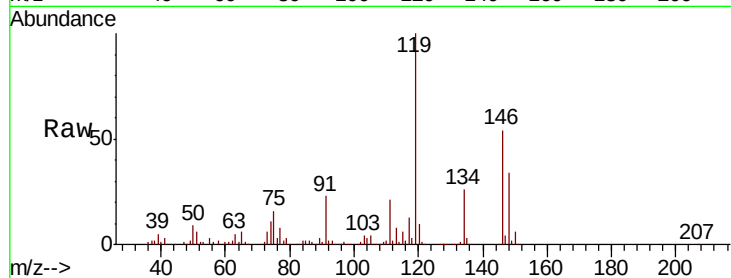




#87
 1,3-Dichlorobenzene
 Concen: 20.607 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

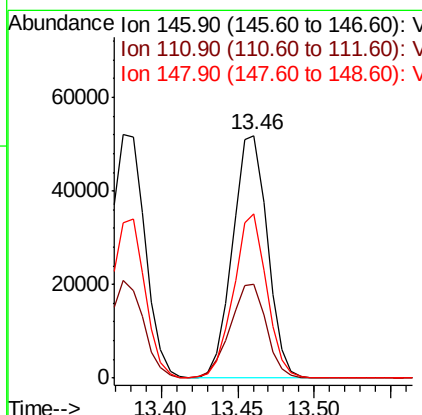
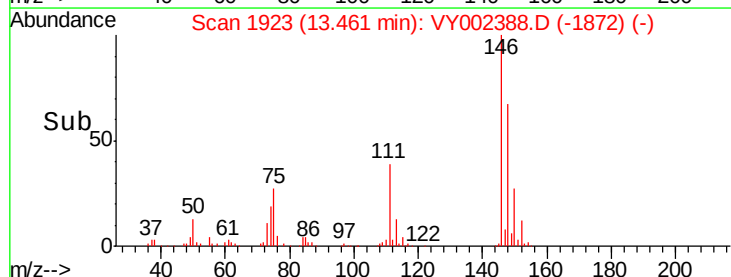
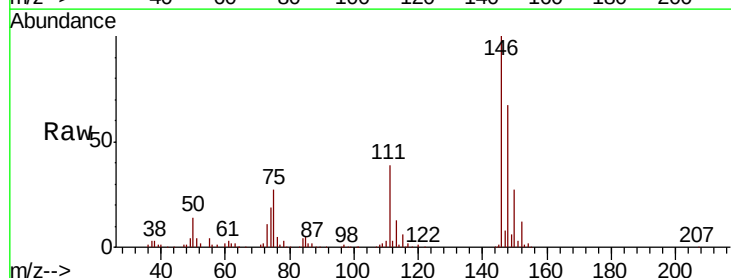
Instrument :
 MSVOA_Y
 ClientSampleId :

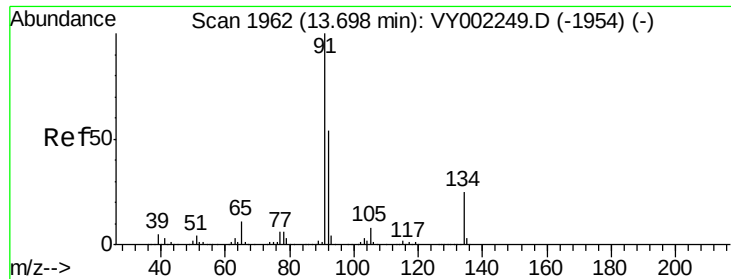
Tot Ion:146 Resp: 82608
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.3 60.8
 148 63.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.139 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion:146 Resp: 81949
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.6 58.8
 148 64.2 32.0 96.0

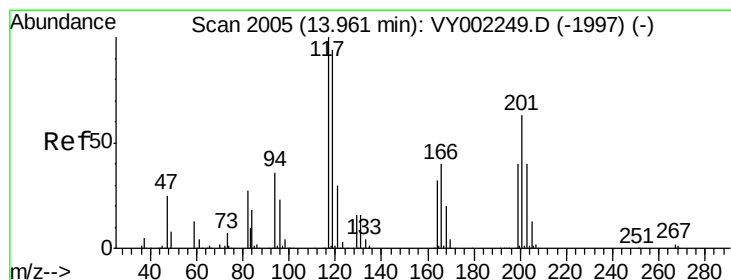
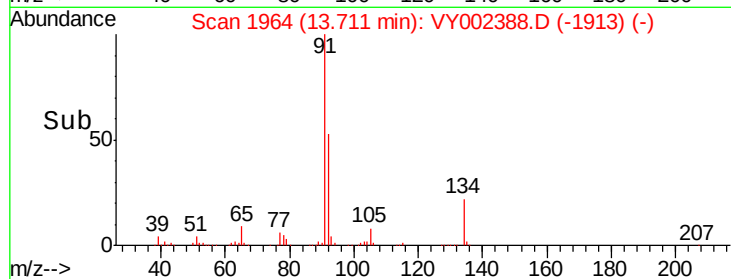
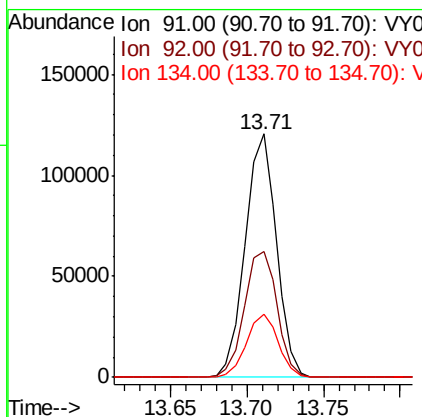
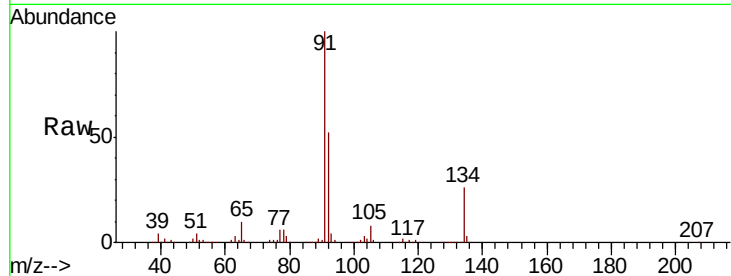




#89
n-Butylbenzene
Concen: 20.028 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

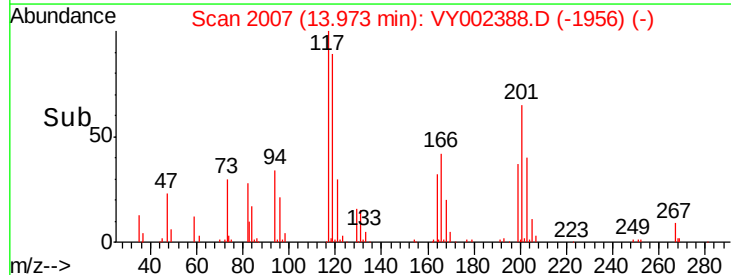
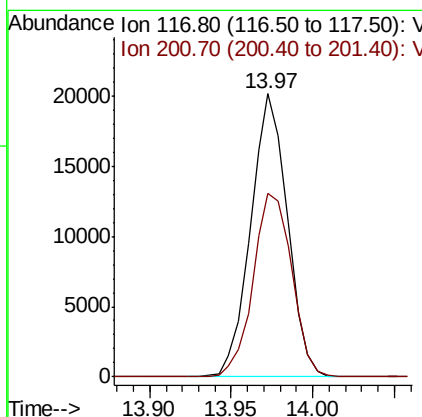
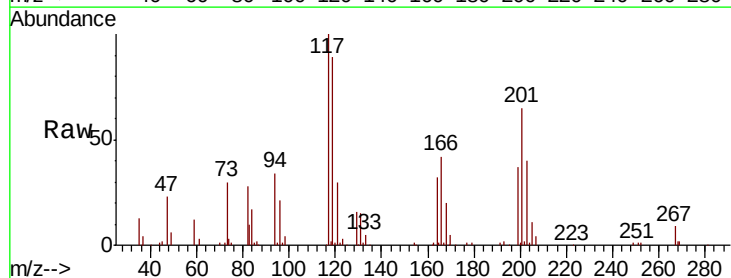
Instrument :
MSVOA_Y
ClientSampleId :

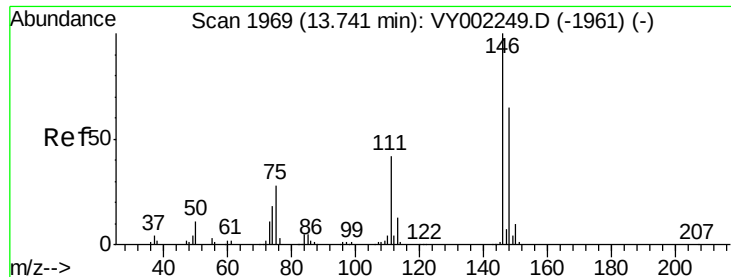
Tot Ion: 91 Resp: 171421
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 26.2 12.7 38.0



#90
Hexachloroethane
Concen: 19.810 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion: 117 Resp: 31522
Ion Ratio Lower Upper
117 100
201 68.5 33.1 99.2

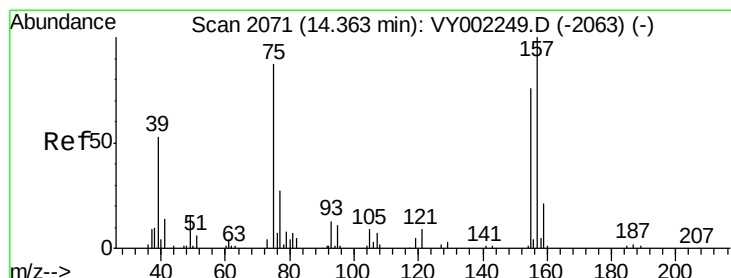
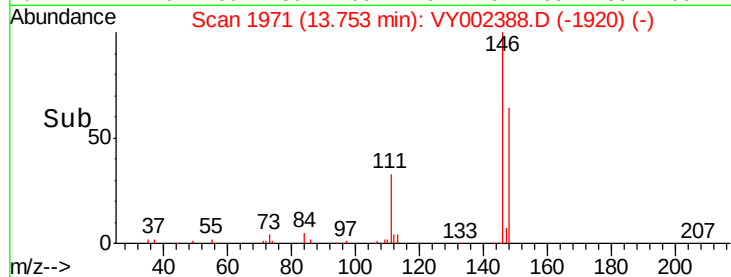
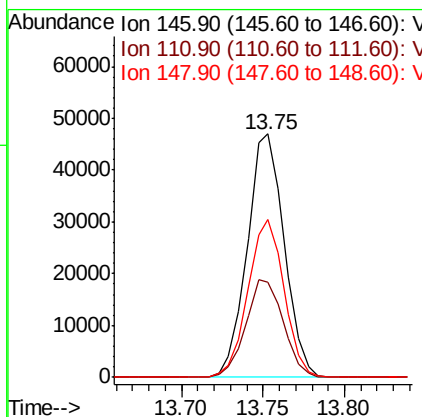
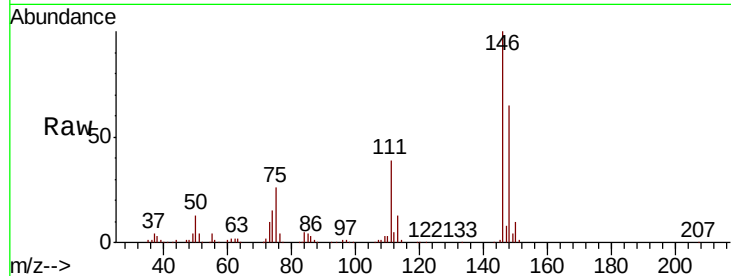




#91
 1,2-Dichlorobenzene
 Concen: 20.308 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

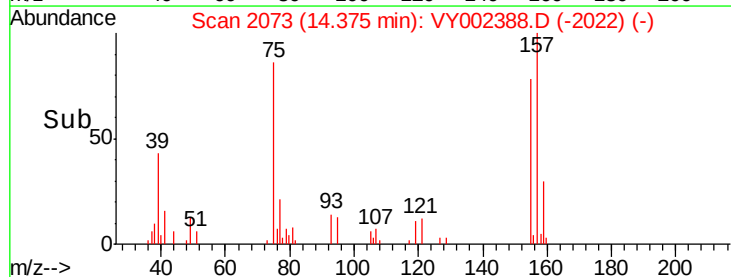
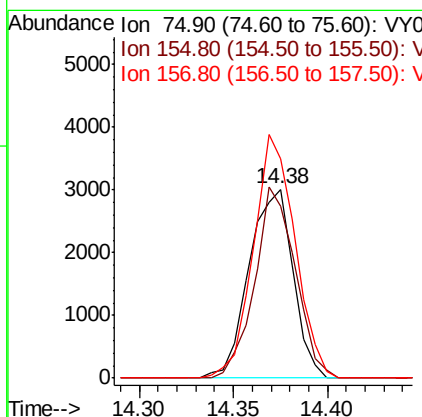
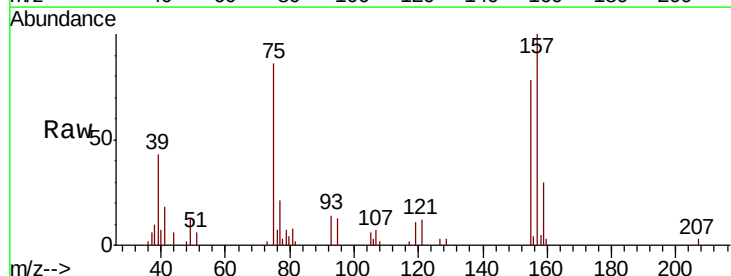
Instrument :
 MSVOA_Y
 ClientSampleId :

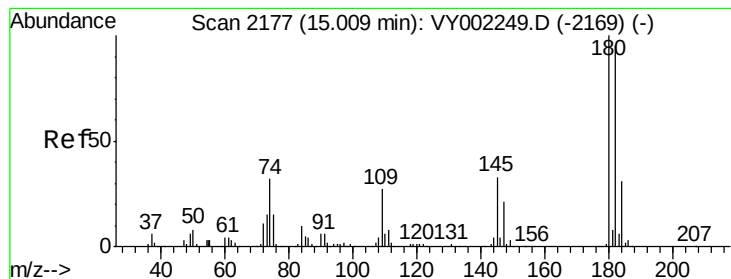
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.1
148	63.2	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.670 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY002388.D
 Acq: 17 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	43.6	130.8
157	122.3	56.0	168.2





#93

1,2,4-Trichlorobenzene

Concen: 19.772 ug/l

RT: 15.02 min Scan# 2179

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

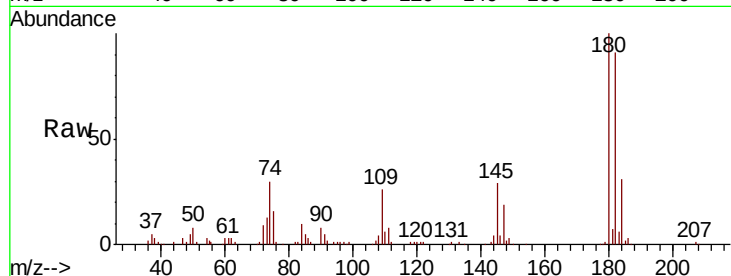
Tot Ion:180 Resp: 47075

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 31.1 16.0 48.0

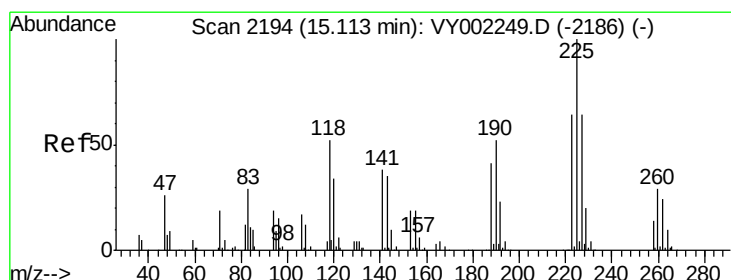
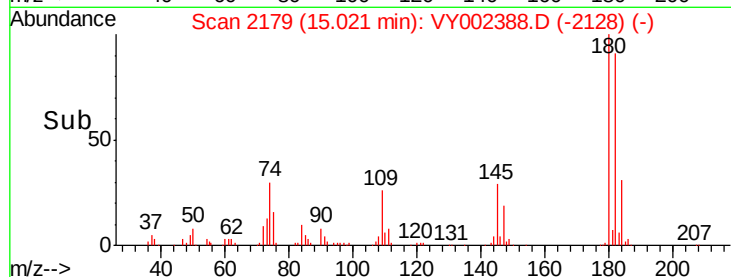
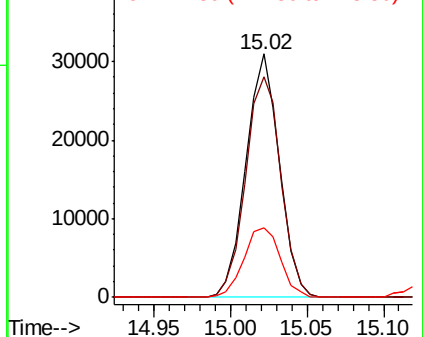


Abundance

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: 20.362 ug/l

RT: 15.12 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VY002388.D

Acq: 17 Apr 2020 11:09

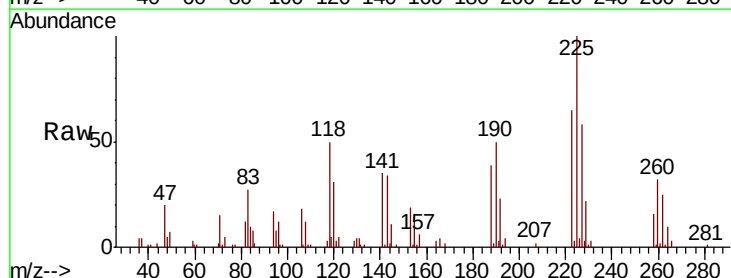
Tgt Ion:225 Resp: 24418

Ion Ratio Lower Upper

225 100

223 63.7 31.0 93.0

227 62.4 31.3 93.9

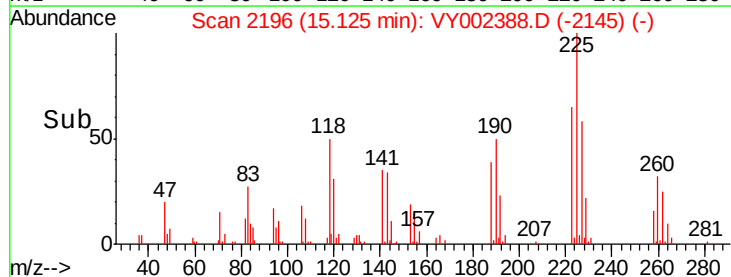
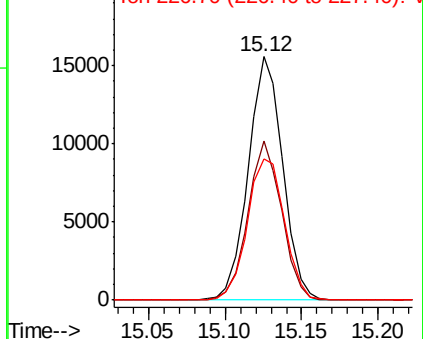


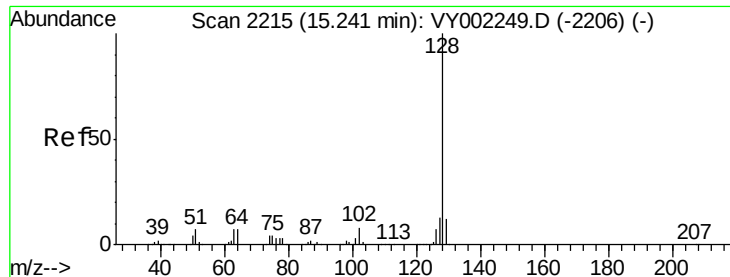
Abundance

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

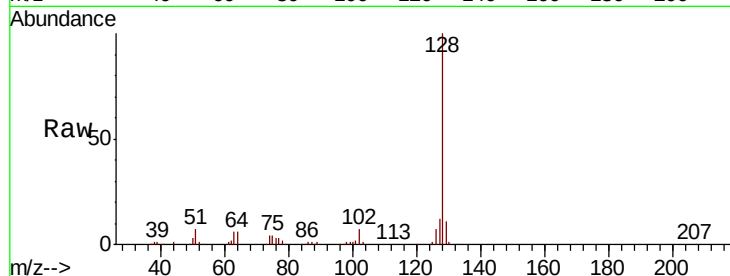




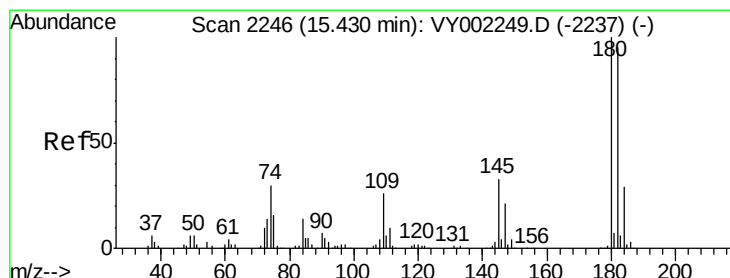
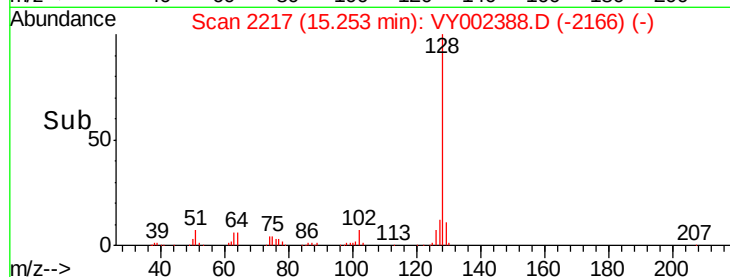
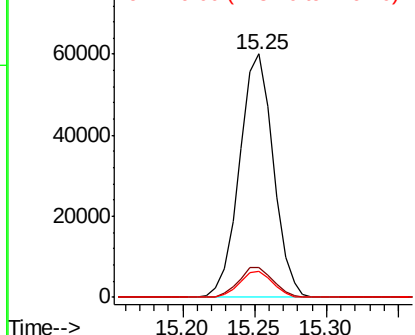
#95
Naphthalene
Concen: 18.779 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 97894
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.5 8.7 13.1

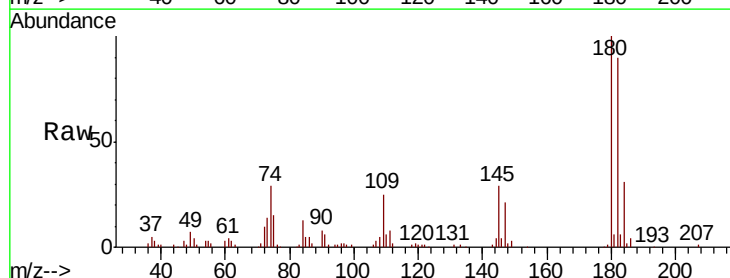


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.465 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002388.D
Acq: 17 Apr 2020 11:09

Tgt Ion:180 Resp: 40241
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.3
145 32.4 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

