

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002229.D
 Acq On : 06 Apr 2020 12:18
 Operator : SY/MD
 Sample : VY0406SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 07 04:23:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	164807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	269025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	124956	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	90547	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
35) Dibromofluoromethane	7.74	113	86184	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
50) Toluene-d8	10.19	98	346908	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.48	95	122947	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31772	26.373	ug/l	98
3) Chloromethane	2.12	50	40223	20.884	ug/l	98
4) Vinyl Chloride	2.26	62	40222	20.534	ug/l	97
5) Bromomethane	2.66	94	26351	20.614	ug/l	96
6) Chloroethane	2.80	64	25416	20.207	ug/l	93
7) Trichlorofluoromethane	3.14	101	59228	22.065	ug/l	98
8) Diethyl Ether	3.54	74	24387	21.450	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	37923	21.533	ug/l	99
10) Methyl Iodide	4.11	142	41307	19.725	ug/l	99
11) Tert butyl alcohol	4.97	59	26101	121.570	ug/l #	92
12) 1,1-Dichloroethene	3.89	96	38591	21.580	ug/l	95
13) Acrolein	3.75	56	21937	81.750	ug/l	98
14) Allyl chloride	4.50	41	65174	19.908	ug/l	98
15) Acrylonitrile	5.19	53	63898	107.229	ug/l	99
16) Acetone	3.97	43	49277	96.270	ug/l	98
17) Carbon Disulfide	4.21	76	122555	20.650	ug/l	98
18) Methyl Acetate	4.50	43	28315	21.303	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	106695	21.387	ug/l	95
20) Methylene Chloride	4.74	84	46211	18.588	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	43009	21.123	ug/l	97
22) Diisopropyl ether	6.14	45	137092	20.462	ug/l	95
23) Vinyl Acetate	6.08	43	449239	102.257	ug/l	97
24) 1,1-Dichloroethane	6.04	63	74555	20.930	ug/l	99
25) 2-Butanone	7.00	43	79094	100.633	ug/l	97
26) 2,2-Dichloropropane	7.00	77	60968	20.781	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	47435	21.176	ug/l	98
28) Bromochloromethane	7.35	49	31612	19.439	ug/l	97
29) Tetrahydrofuran	7.36	42	52996	102.844	ug/l	97
30) Chloroform	7.52	83	70249	20.806	ug/l	99
31) Cyclohexane	7.80	56	75608	19.919	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	58129	20.620	ug/l	99
36) 1,1-Dichloropropene	7.93	75	58444	20.707	ug/l	99
37) Ethyl Acetate	7.10	43	36568	21.439	ug/l	99
38) Carbon Tetrachloride	7.91	117	50459	21.071	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	77031	20.806	ug/l	98
40) Benzene	8.17	78	174015	20.814	ug/l	99
41) Methacrylonitrile	7.36	41	46928	54.393	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	45433	20.468	ug/l	98
43) Isopropyl Acetate	8.28	43	64099	20.248	ug/l	99
44) Trichloroethene	8.96	130	42357	21.017	ug/l	98
45) 1,2-Dichloropropane	9.23	63	44900	21.092	ug/l	98
46) Dibromomethane	9.31	93	22933	20.977	ug/l	98
47) Bromodichloromethane	9.51	83	53436	20.996	ug/l	96
48) Methyl methacrylate	9.30	41	29748	20.969	ug/l	98
49) 1,4-Dioxane	9.31	88	6261	417.340	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	172183	105.627	ug/l	99
52) Toluene	10.25	92	106156	20.993	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	58489	20.705	ug/l	95
54) cis-1,3-Dichloropropene	9.94	75	68547	20.610	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	33949	20.981	ug/l	92
56) Ethyl methacrylate	10.52	69	48553	20.544	ug/l	97
57) 1,3-Dichloropropane	10.80	76	59173	20.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	129201	106.394	ug/l	100
59) 2-Hexanone	10.84	43	116879	101.787	ug/l	98
60) Dibromochloromethane	10.99	129	35670	21.067	ug/l	97
61) 1,2-Dibromoethane	11.09	107	32028	21.148	ug/l	99
64) Tetrachloroethene	10.72	164	36098	21.931	ug/l	96
65) Chlorobenzene	11.52	112	108570	20.907	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	37157	21.387	ug/l	99
67) Ethyl Benzene	11.59	91	202592	21.005	ug/l	99
68) m/p-Xylenes	11.70	106	150880	42.310	ug/l	99
69) o-Xylene	12.03	106	70909	20.962	ug/l	97
70) Styrene	12.05	104	124334	21.211	ug/l	99
71) Bromoform	12.21	173	19759	20.765	ug/l #	96
73) Isopropylbenzene	12.33	105	190492	20.551	ug/l	99
74) N-amyl acetate	12.15	43	57399	19.634	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	41817	20.965	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	53941	38.591	ug/l #	100
77) Bromobenzene	12.61	156	42056	21.254	ug/l	96
78) n-propylbenzene	12.67	91	234635	20.398	ug/l	99
79) 2-Chlorotoluene	12.76	91	129121	20.444	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	158336	20.704	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	14321	19.850	ug/l	92
82) 4-Chlorotoluene	12.86	91	135186	20.312	ug/l	99
83) tert-Butylbenzene	13.08	119	130553	20.452	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	158998	20.838	ug/l	100
85) sec-Butylbenzene	13.26	105	195028	20.627	ug/l	100
86) p-Isopropyltoluene	13.37	119	168282	20.726	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	80353	20.758	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	81159	20.835	ug/l	99
89) n-Butylbenzene	13.70	91	170637	20.170	ug/l	99
90) Hexachloroethane	13.97	117	32543	21.270	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	74707	20.898	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6616	20.707	ug/l	97

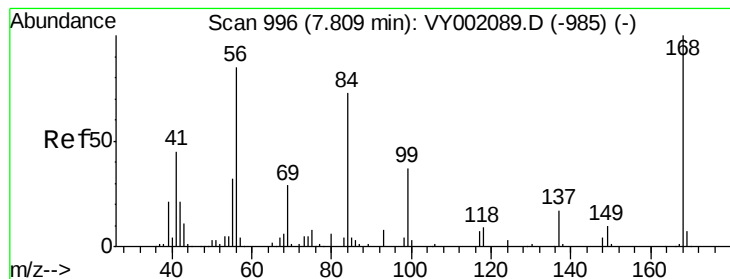
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	47884	20.782	ug/l	97
94) Hexachlorobutadiene	15.11	225	23045	20.262	ug/l	100
95) Naphthalene	15.24	128	111690	20.409	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	41189	19.713	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

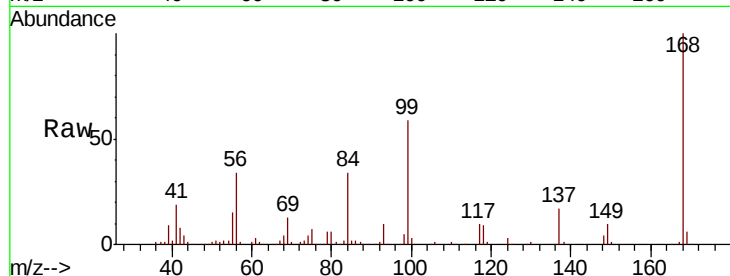
ClientSampled :

Tot Ion:168 Resp: 164807

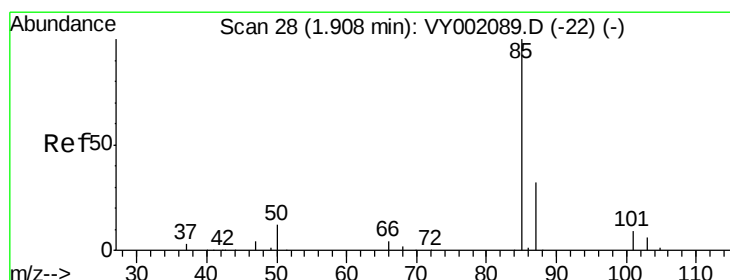
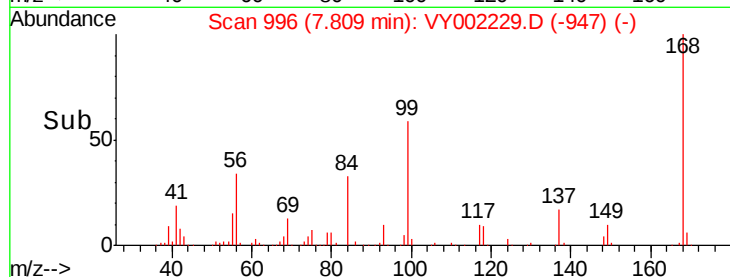
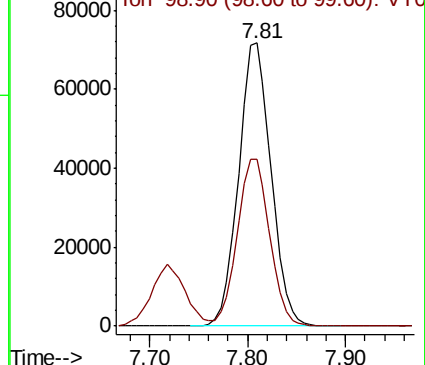
Ion Ratio Lower Upper

168 100

99 58.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002229.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 26.373 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002229.D

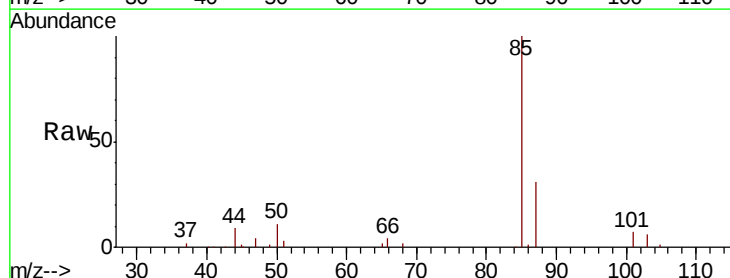
Acq: 06 Apr 2020 12:18

Tgt Ion: 85 Resp: 31772

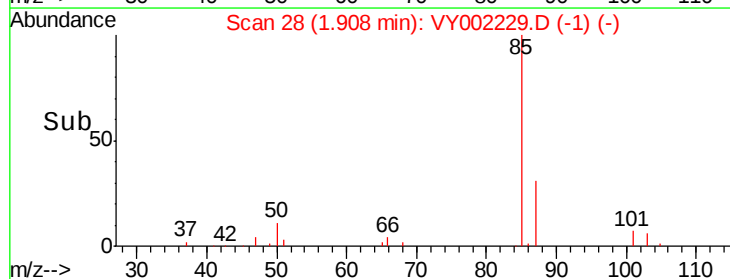
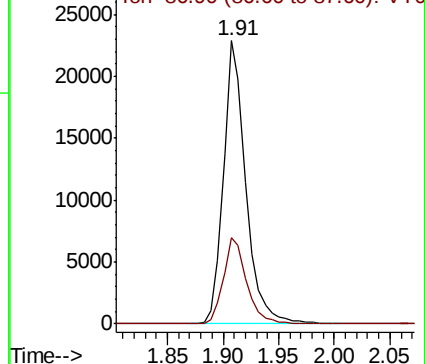
Ion Ratio Lower Upper

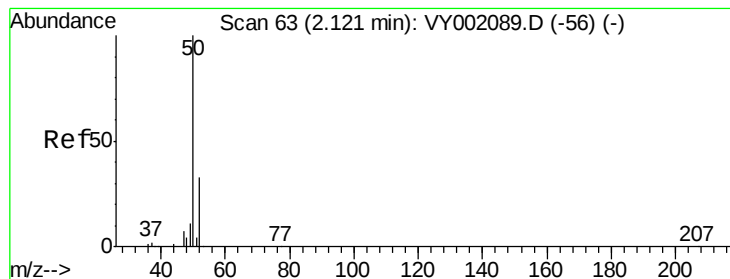
85 100

87 30.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002229.D (-1) (-)





#3

Chloromethane

Concen: 20.884 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

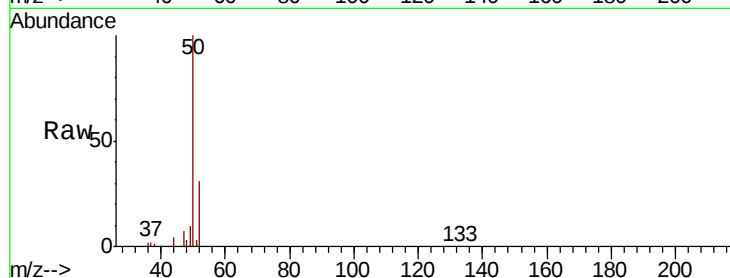
ClientSampleId :

Tot Ion: 50 Resp: 40223

Ion Ratio Lower Upper

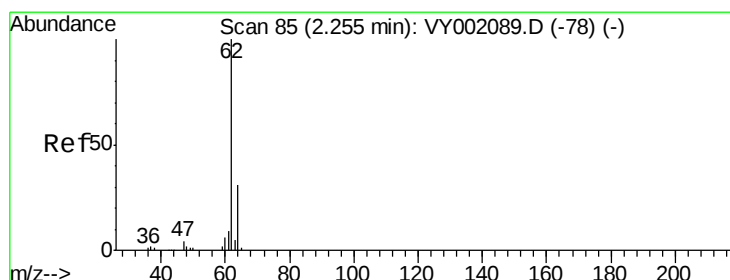
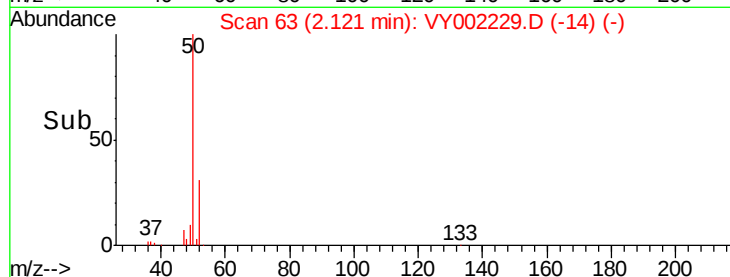
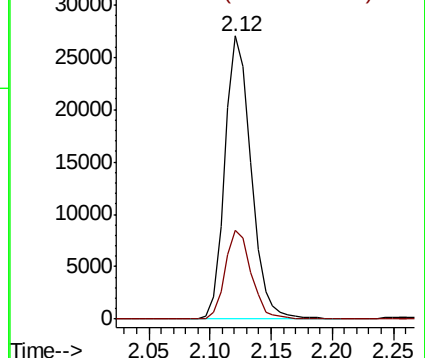
50 100

52 31.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.534 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002229.D

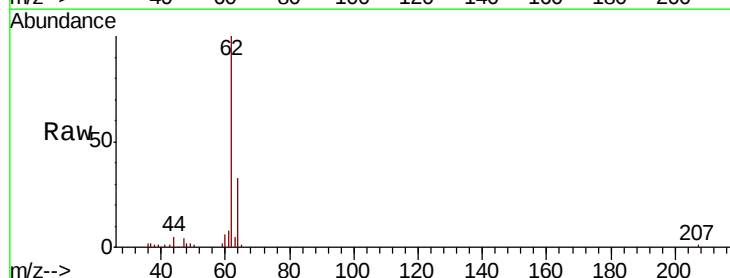
Acq: 06 Apr 2020 12:18

Tgt Ion: 62 Resp: 40222

Ion Ratio Lower Upper

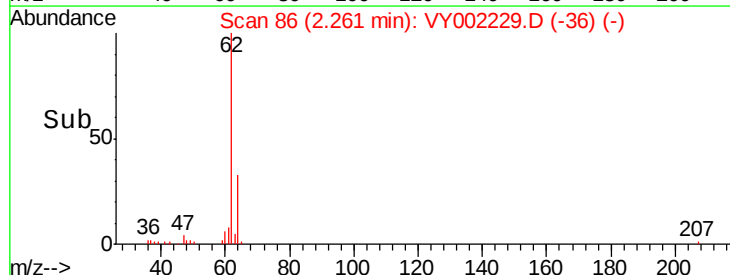
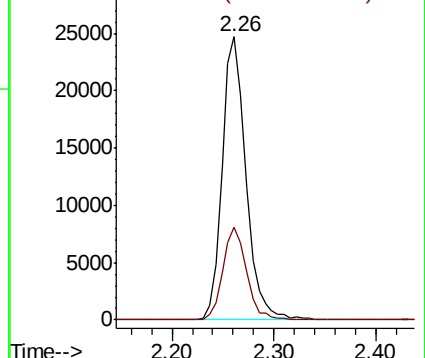
62 100

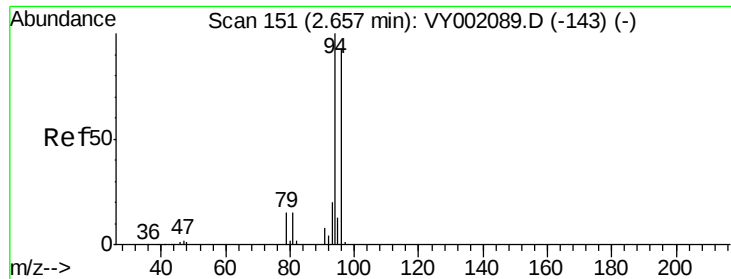
64 32.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.614 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

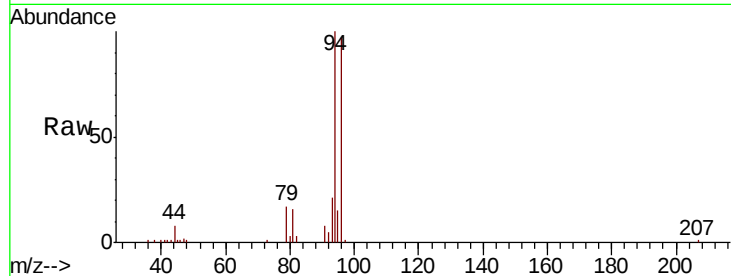
ClientSampled :

Tot Ion: 94 Resp: 26351

Ion Ratio Lower Upper

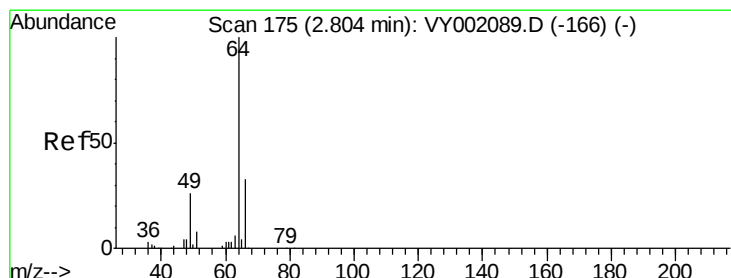
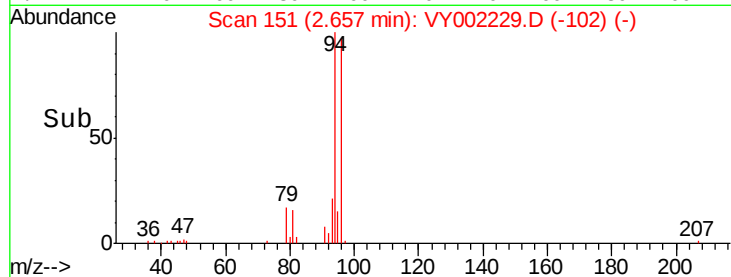
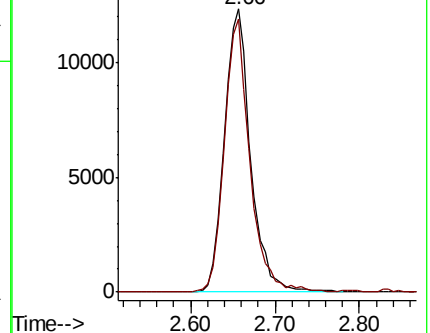
94 100

96 96.7 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.207 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002229.D

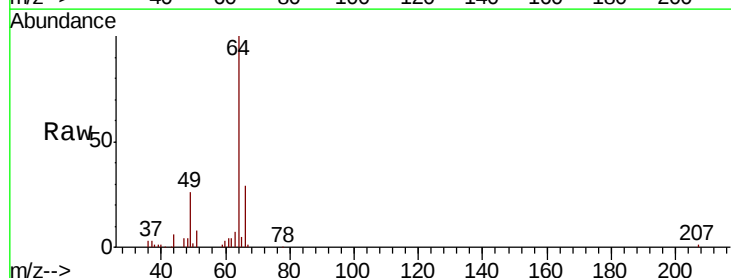
Acq: 06 Apr 2020 12:18

Tgt Ion: 64 Resp: 25416

Ion Ratio Lower Upper

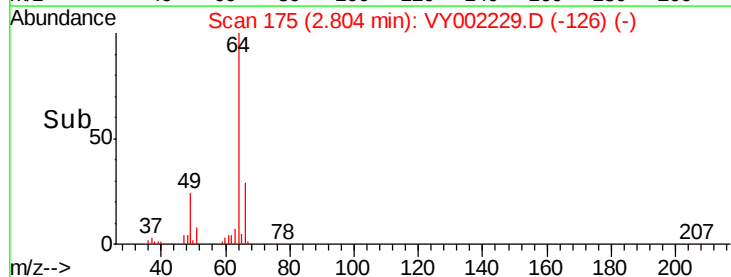
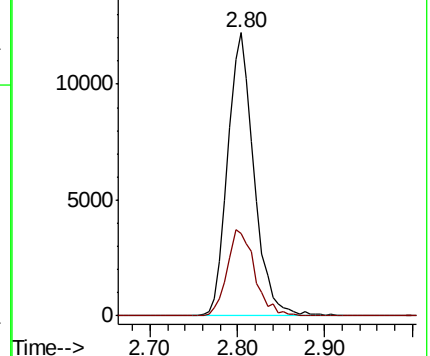
64 100

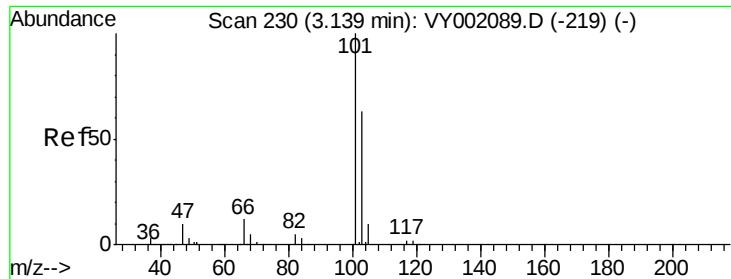
66 29.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



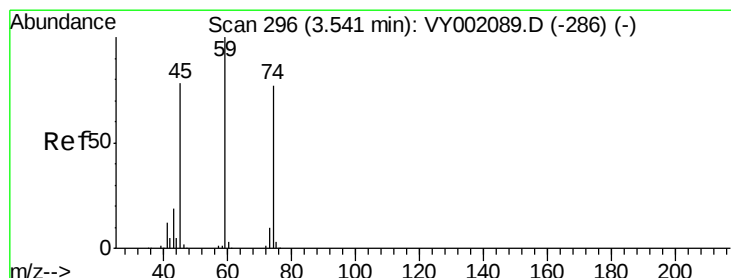
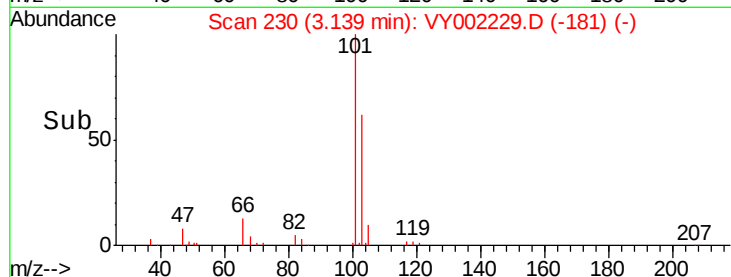
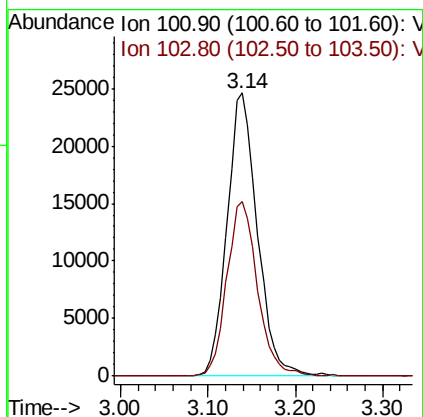
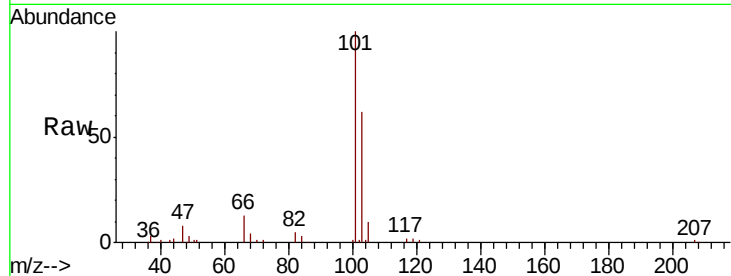


#7

Trichlorofluoromethane
 Concen: 22.065 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :

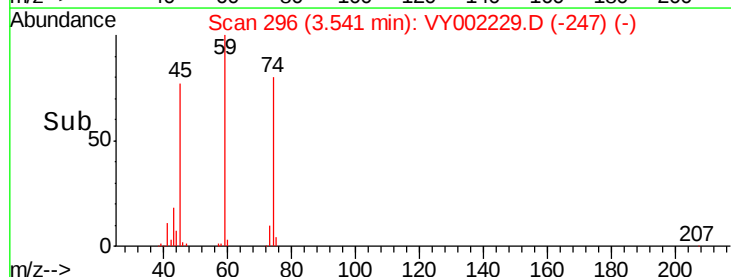
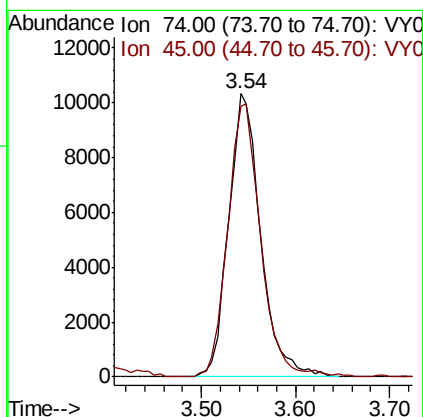
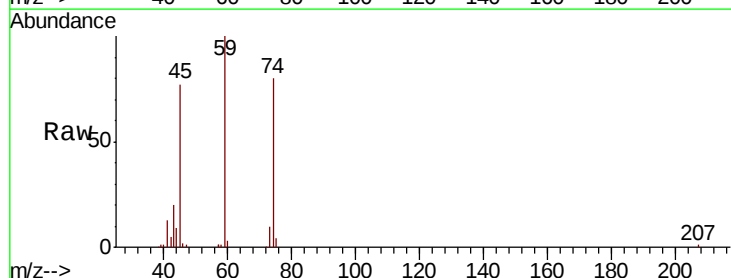
Tot Ion:101 Resp: 59228
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.6 76.0

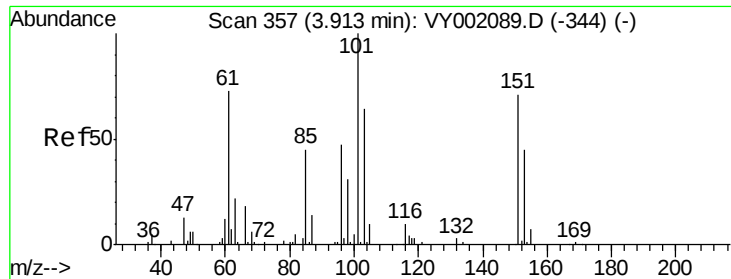


#8

Diethyl Ether
 Concen: 21.450 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion: 74 Resp: 24387
 Ion Ratio Lower Upper
 74 100
 45 99.5 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.533 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

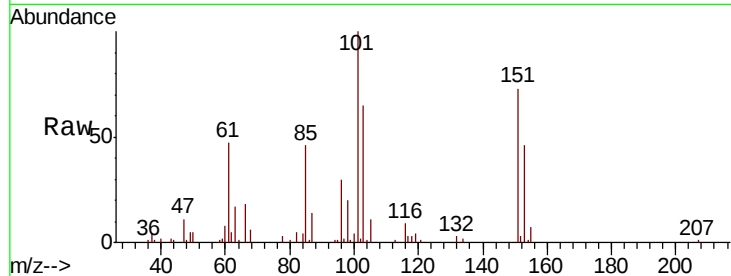
Tot Ion:101 Resp: 37923

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

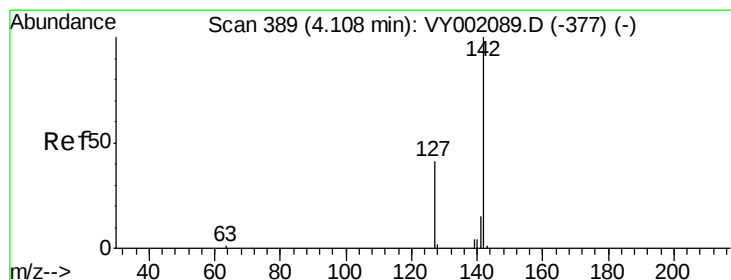
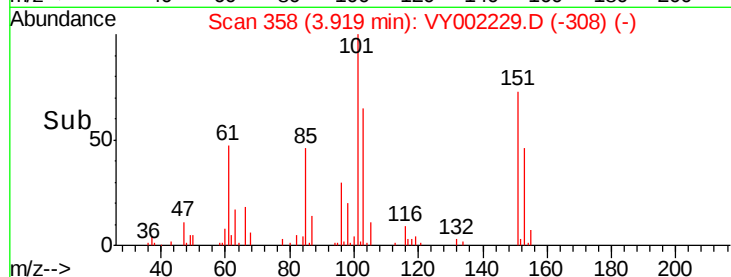
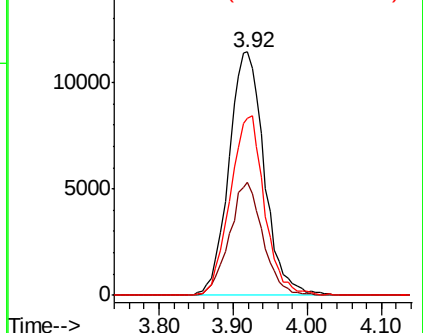
151 71.8 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.725 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

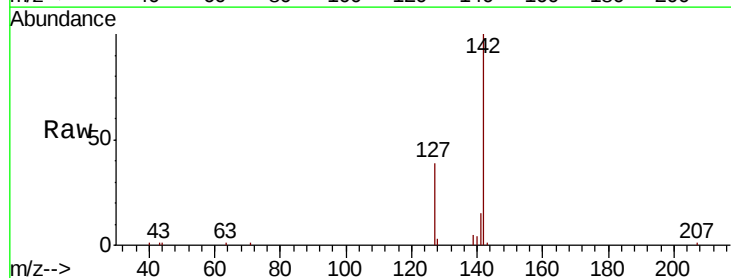
Tgt Ion:142 Resp: 41307

Ion Ratio Lower Upper

142 100

127 41.0 32.6 49.0

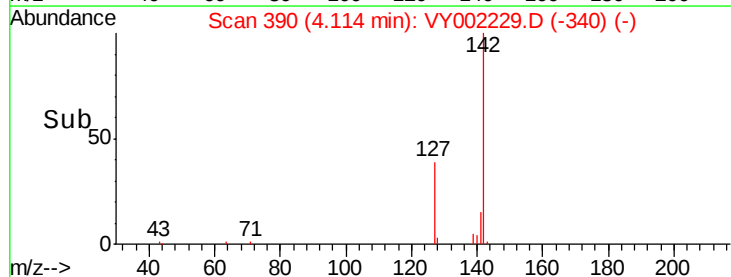
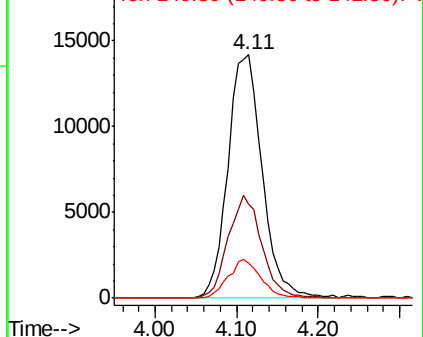
141 14.9 11.4 17.0

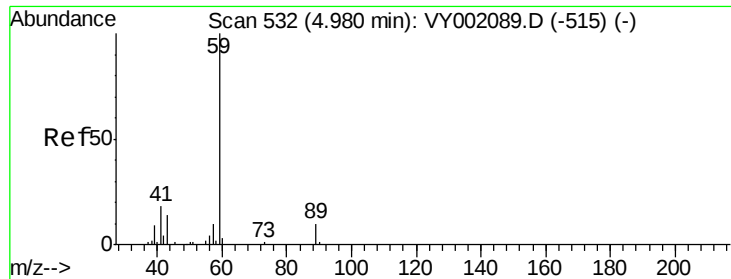


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

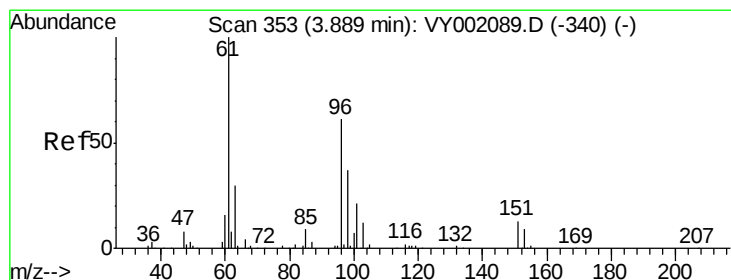
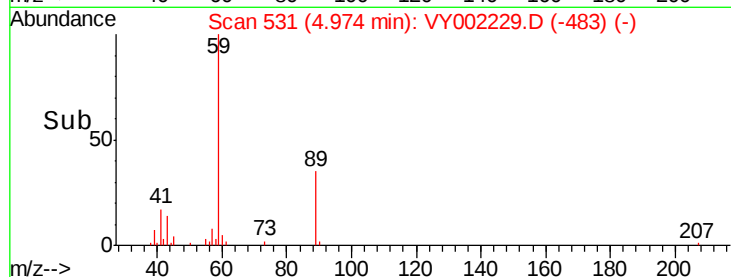
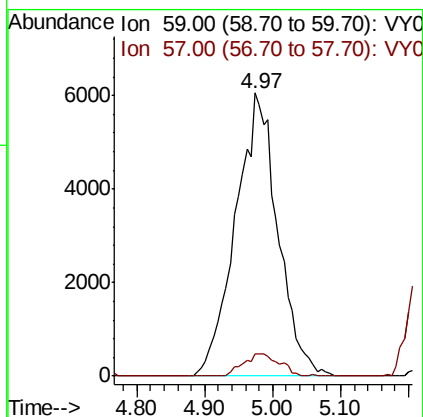
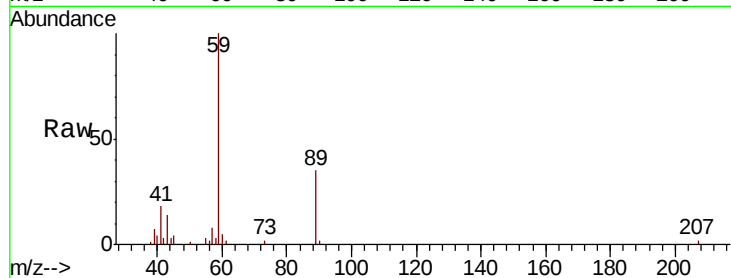




#11
Tert butyl alcohol
Concen: 121.570 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

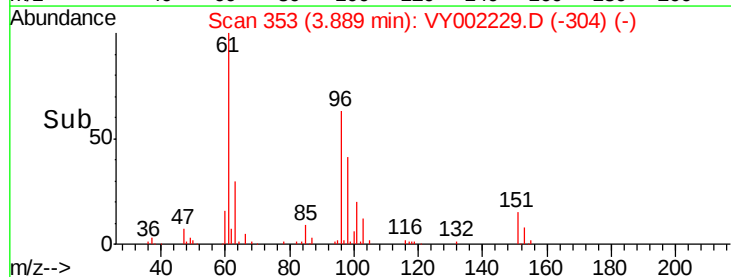
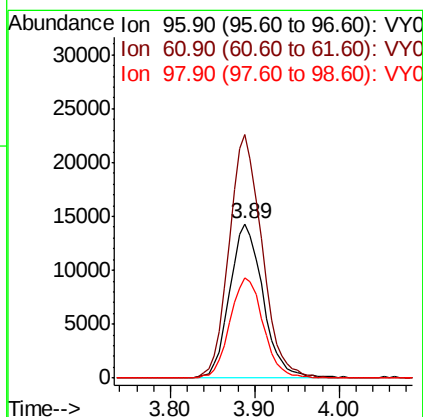
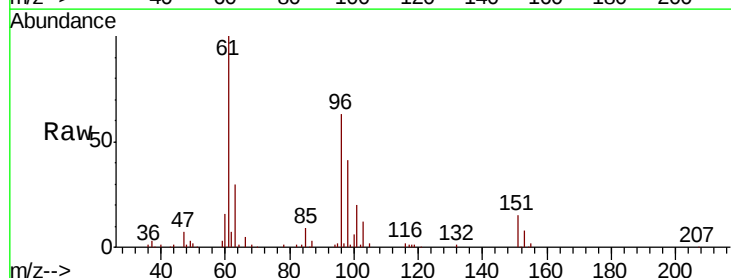
Instrument :
MSVOA_Y
ClientSampleId :

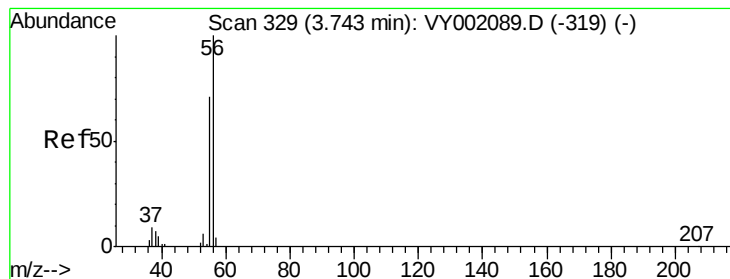
Tot Ion: 59 Resp: 26101
Ion Ratio Lower Upper
59 100
57 6.7 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.580 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion: 96 Resp: 38591
Ion Ratio Lower Upper
96 100
61 157.8 132.0 198.0
98 64.9 49.4 74.0





#13

Acrolein

Concen: 81.750 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

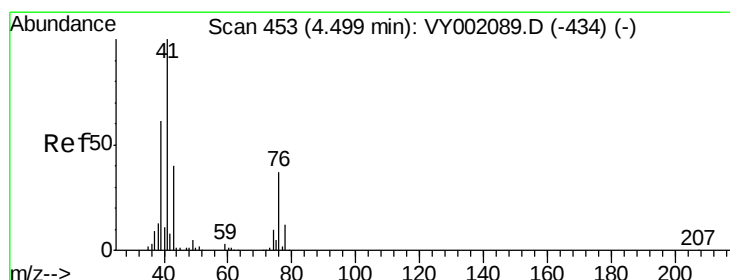
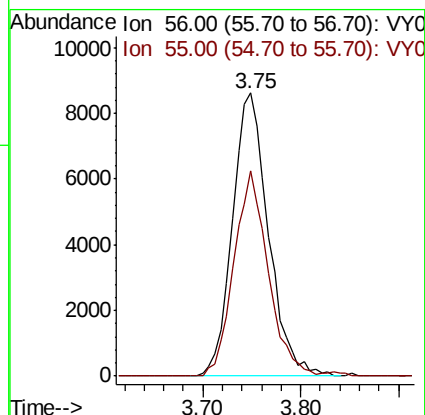
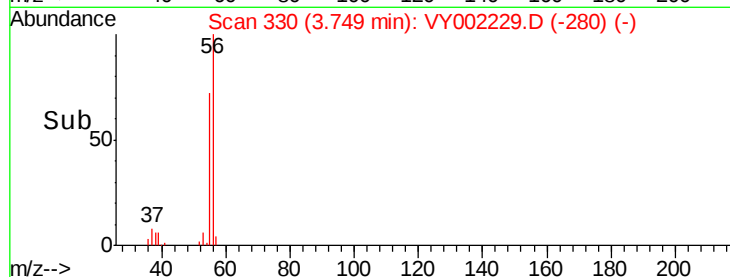
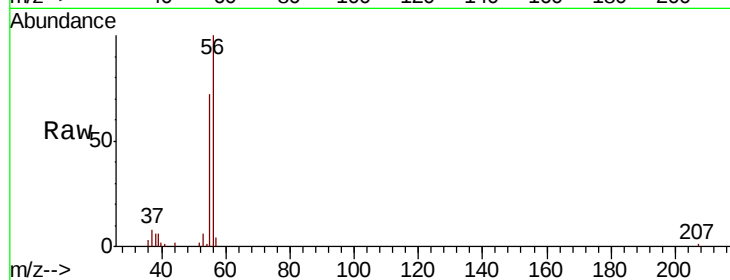
ClientSampleId :

Tot Ion: 56 Resp: 21937

Ion Ratio Lower Upper

56 100

55 68.9 56.5 84.7



#14

Allyl chloride

Concen: 19.908 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

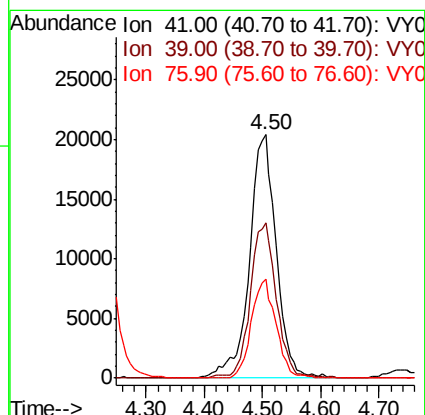
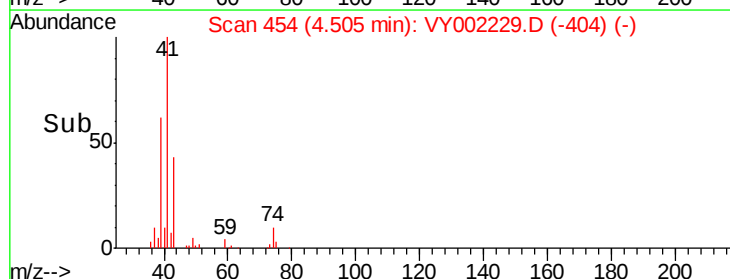
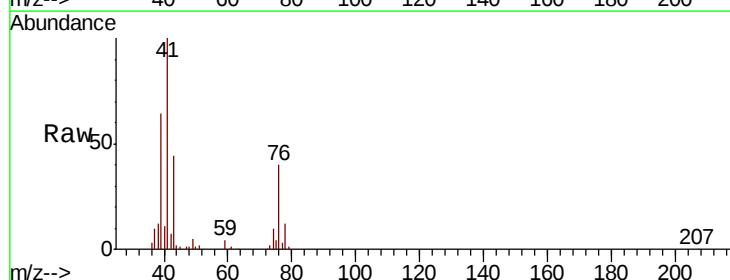
Tgt Ion: 41 Resp: 65174

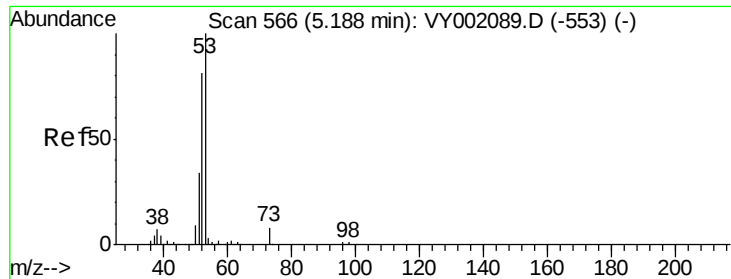
Ion Ratio Lower Upper

41 100

39 62.2 49.0 73.4

76 37.1 27.8 41.8





#15

Acrylonitrile

Concen: 107.229 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

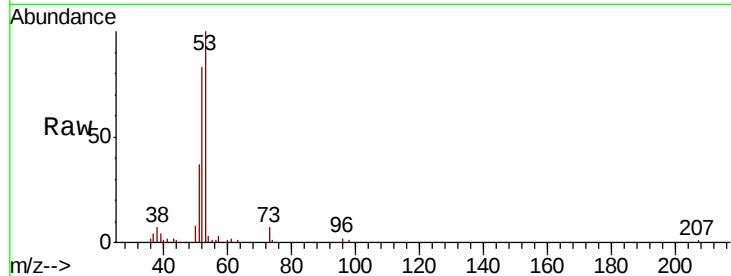
Tot Ion: 53 Resp: 63898

Ion Ratio Lower Upper

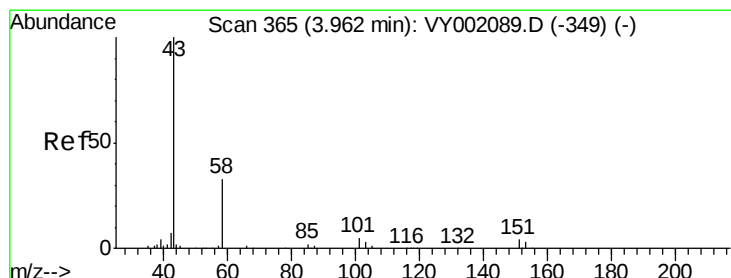
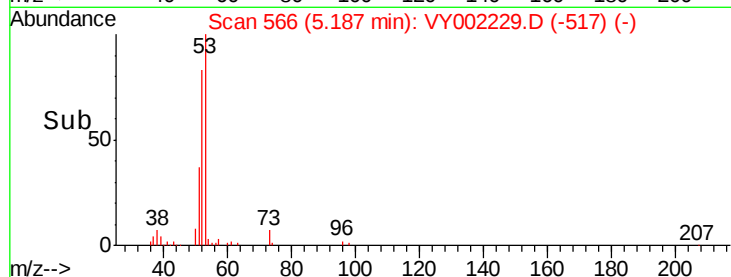
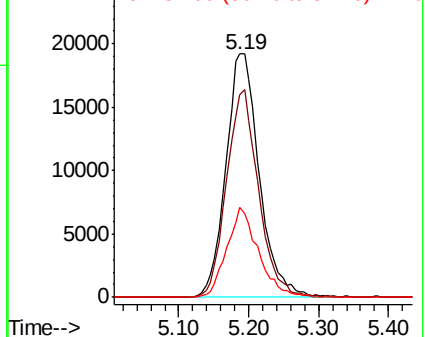
53 100

52 81.6 64.6 97.0

51 34.9 27.9 41.9



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



#16

Acetone

Concen: 96.270 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002229.D

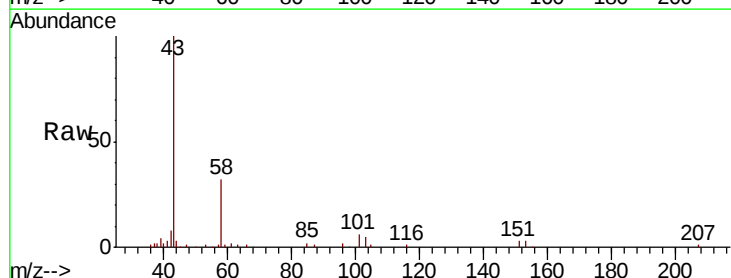
Acq: 06 Apr 2020 12:18

Tgt Ion: 43 Resp: 49277

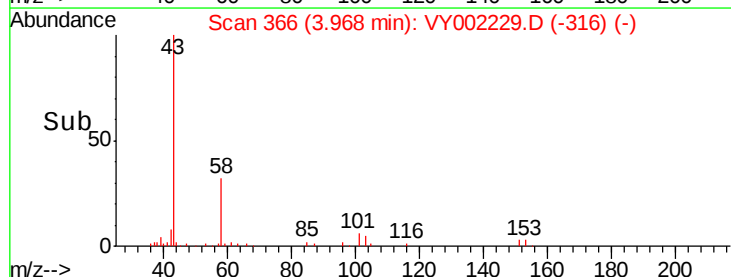
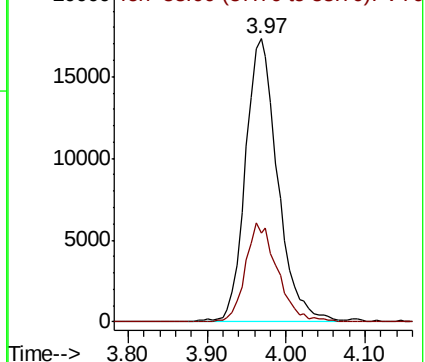
Ion Ratio Lower Upper

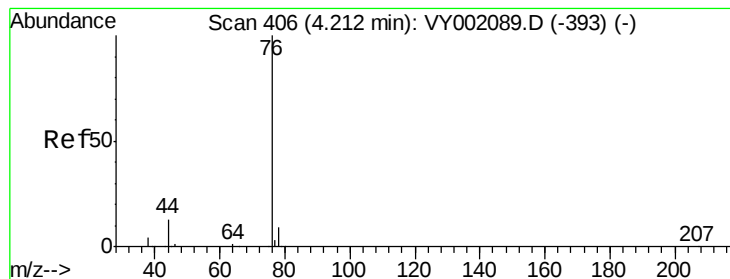
43 100

58 31.5 26.3 39.5



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





#17

Carbon Disulfide

Concen: 20.650 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

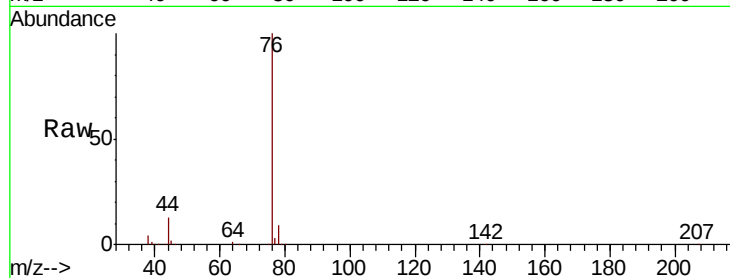
ClientSampleId :

Tot Ion: 76 Resp: 122555

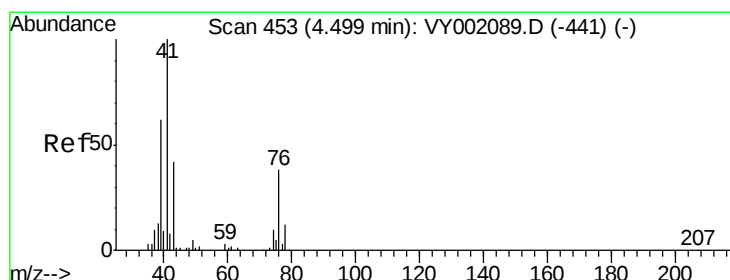
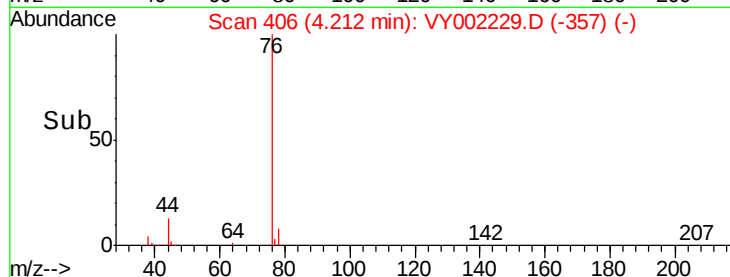
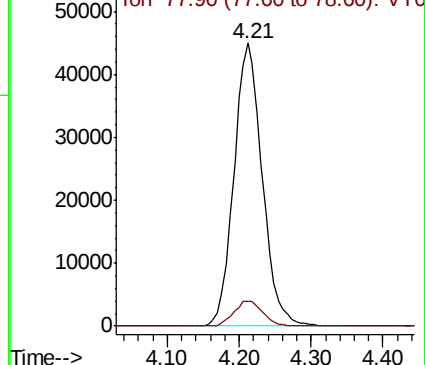
Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.303 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002229.D

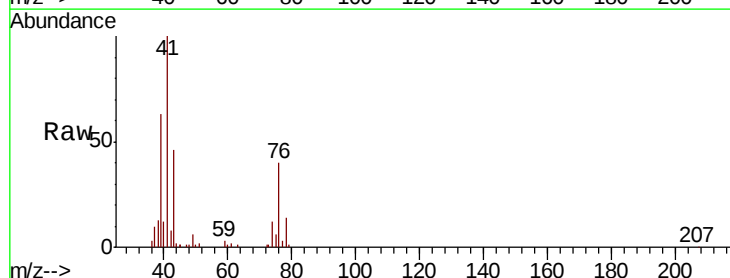
Acq: 06 Apr 2020 12:18

Tgt Ion: 43 Resp: 28315

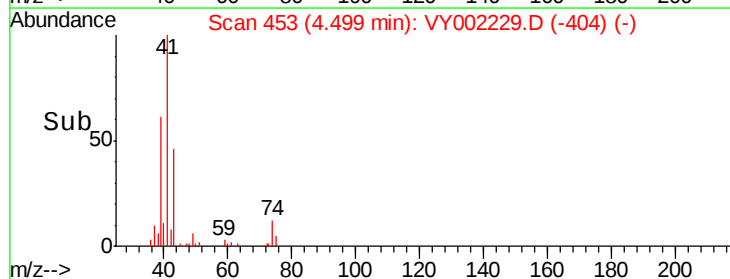
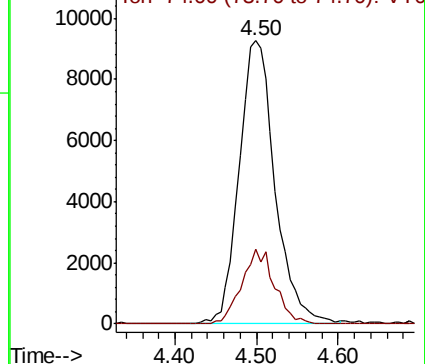
Ion Ratio Lower Upper

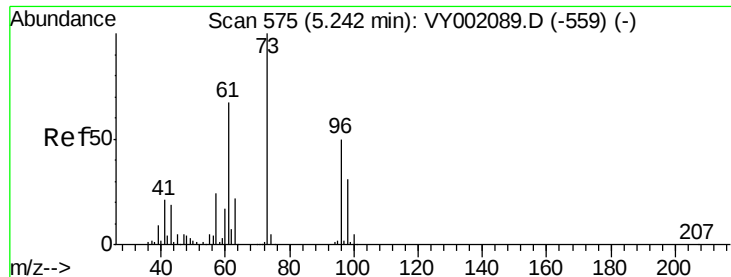
43 100

74 24.1 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

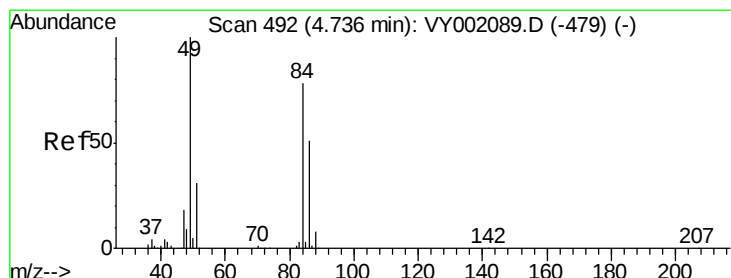
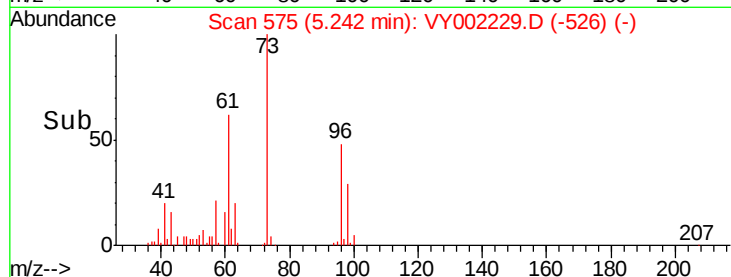
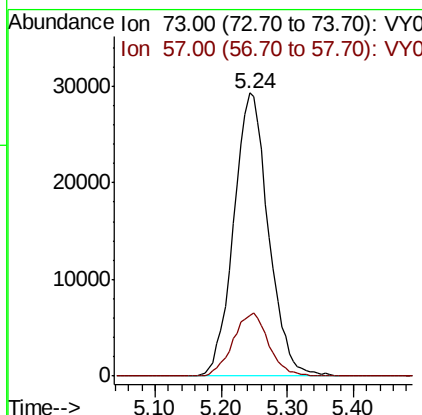
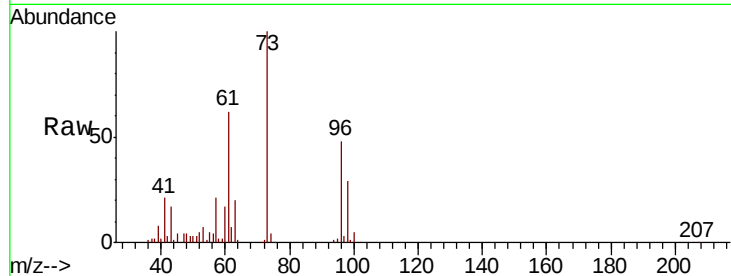




#19
Methyl tert-butyl Ether
Concen: 21.387 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

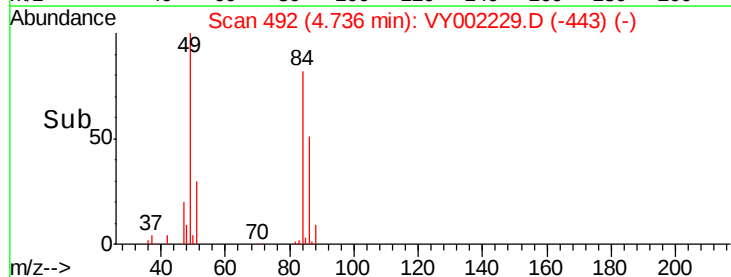
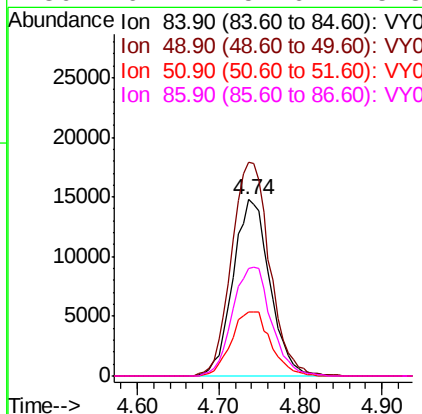
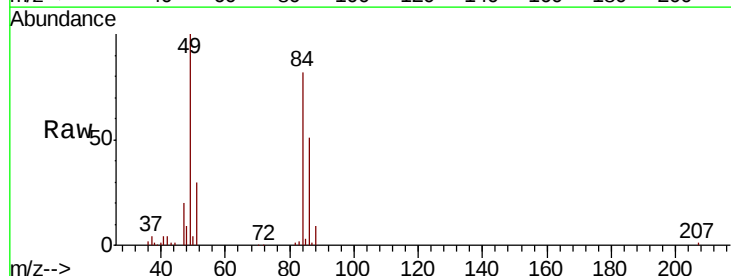
Instrument :
MSVOA_Y
ClientSampleId :

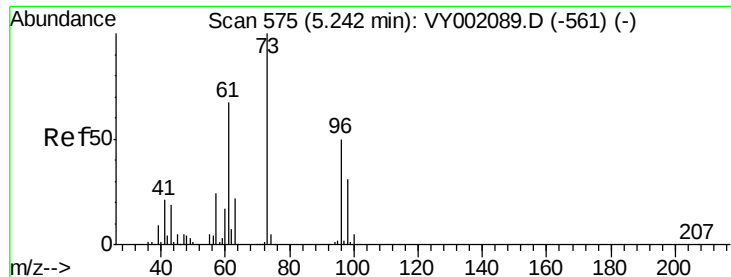
Tot Ion: 73 Resp: 106695
Ion Ratio Lower Upper
73 100
57 21.5 19.0 28.6



#20
Methylene Chloride
Concen: 18.588 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion: 84 Resp: 46211
Ion Ratio Lower Upper
84 100
49 121.3 102.2 153.4
51 36.0 31.2 46.8
86 61.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 21.123 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

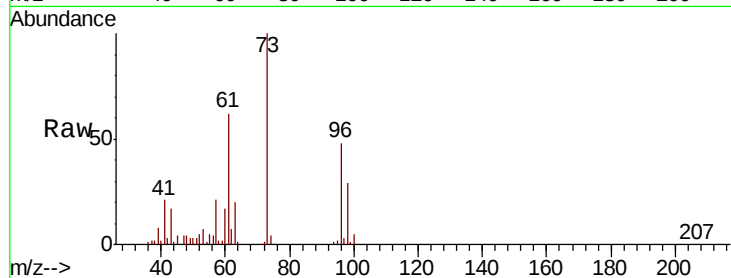
Tot Ion: 96 Resp: 43009

Ion Ratio Lower Upper

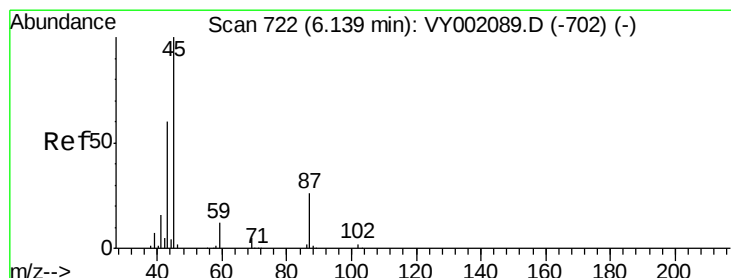
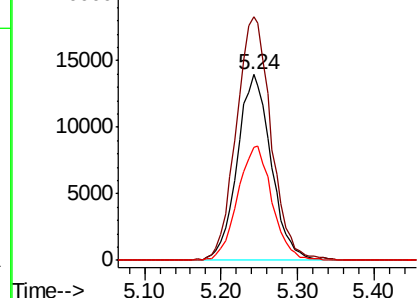
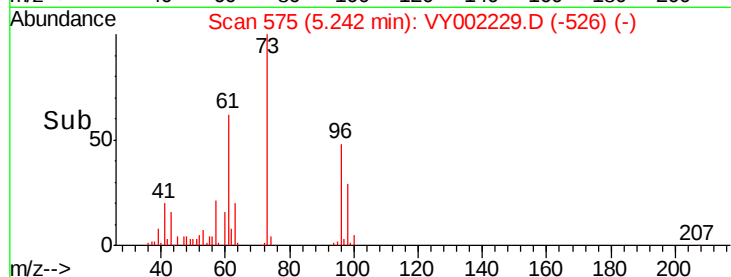
96 100

61 131.1 107.7 161.5

98 60.8 50.5 75.7



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



#22

Diisopropyl ether

Concen: 20.462 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Tgt Ion: 45 Resp: 137092

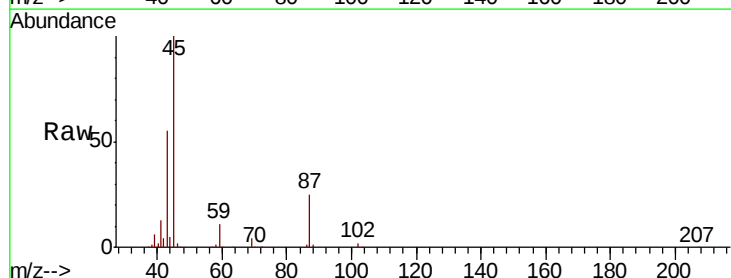
Ion Ratio Lower Upper

45 100

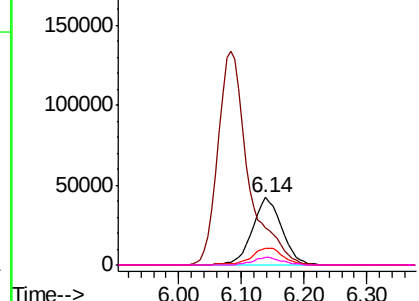
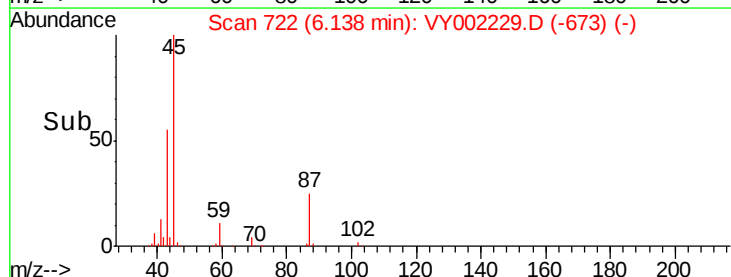
43 54.3 48.1 72.1

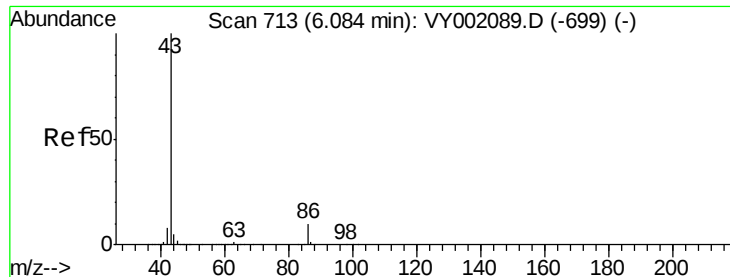
87 25.2 21.1 31.7

59 11.2 9.2 13.8



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





#23

Vinyl Acetate

Concen: 102.257 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

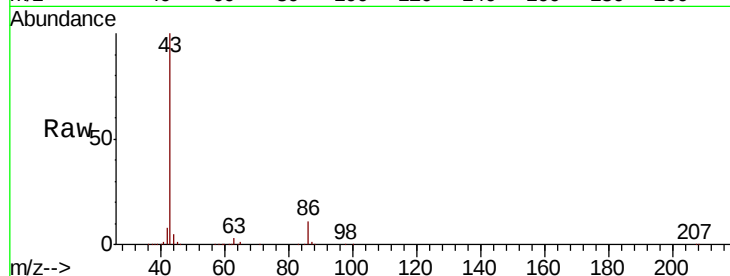
ClientSampleId :

Tot Ion: 43 Resp: 449239

Ion Ratio Lower Upper

43 100

86 11.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

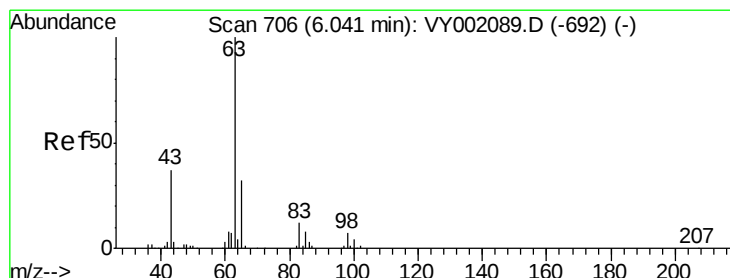
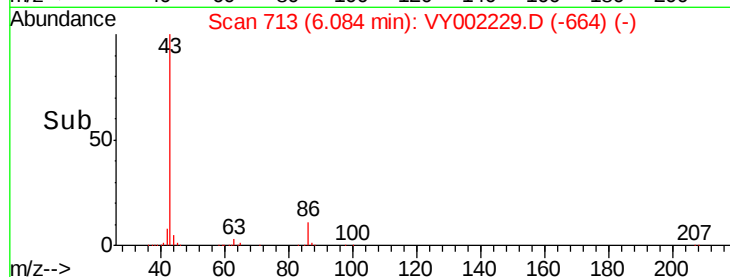
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.930 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

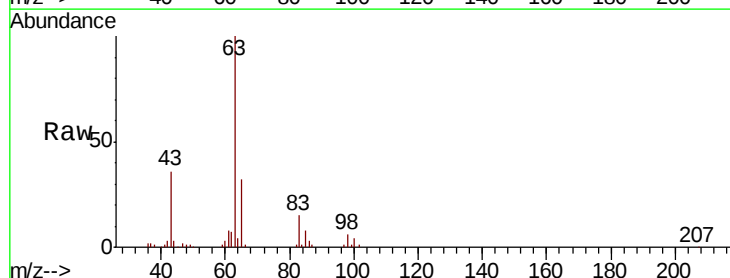
Tgt Ion: 63 Resp: 74555

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 4.1 1.8 5.5



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

6.04

30000

25000

20000

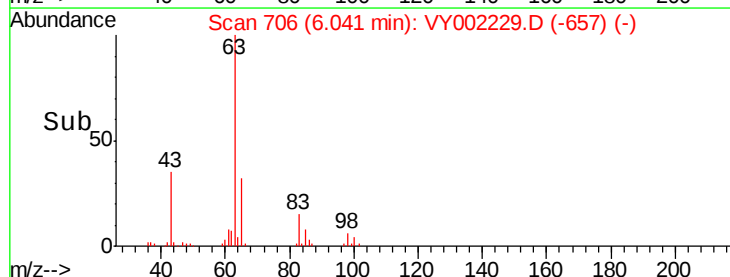
15000

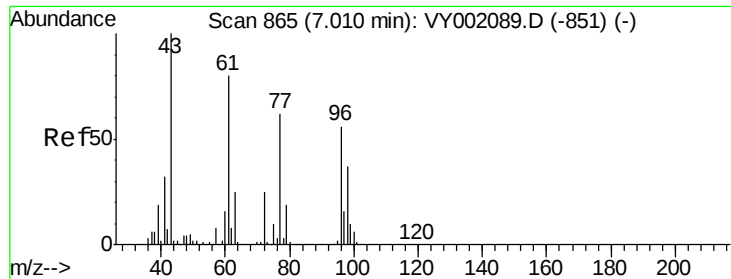
10000

5000

0

Time-->

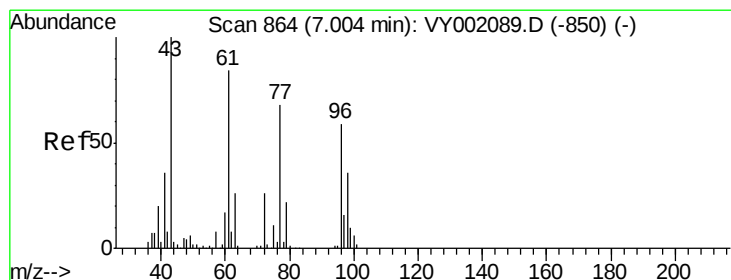
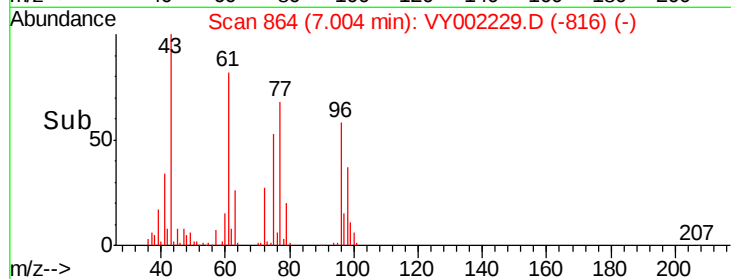
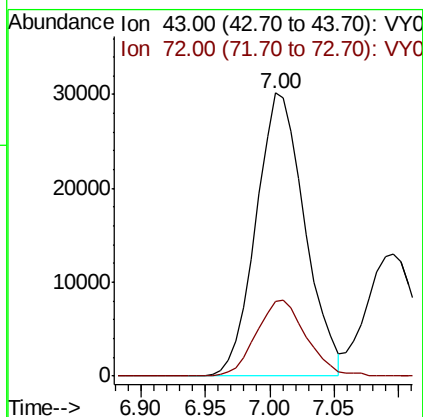
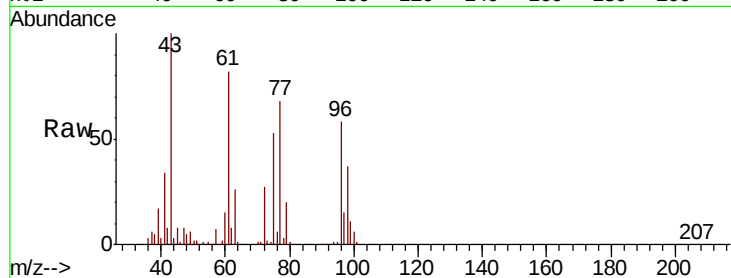




#25
 2-Butanone
 Concen: 100.633 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

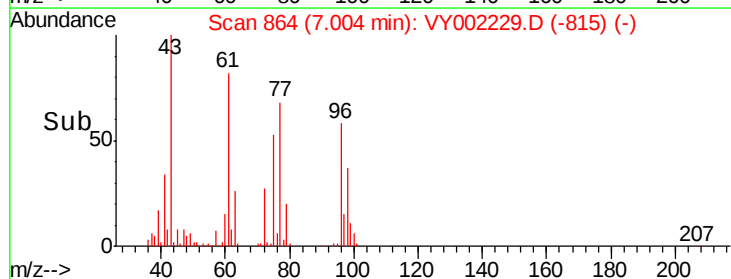
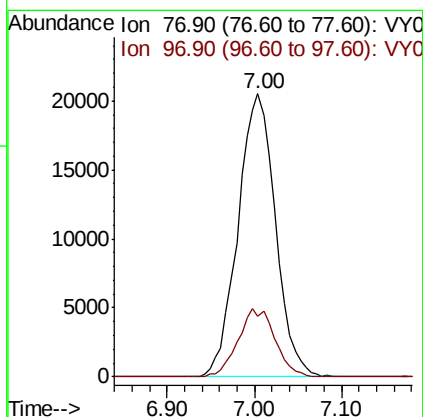
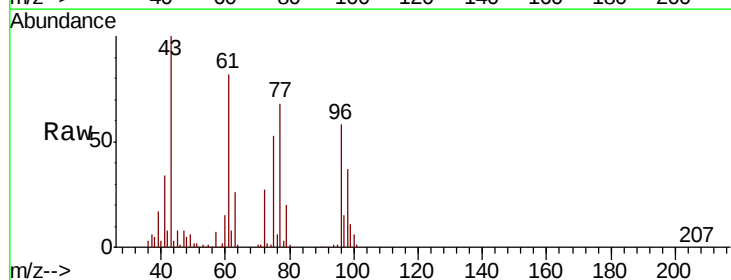
Instrument :
 MSVOA_Y
 ClientSampleId :

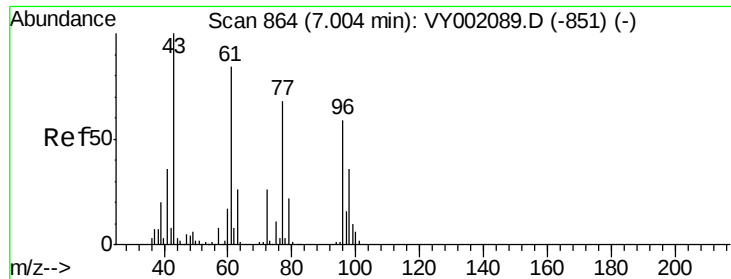
Tot Ion: 43 Resp: 79094
 Ion Ratio Lower Upper
 43 100
 72 26.5 20.2 30.2



#26
 2,2-Dichloropropane
 Concen: 20.781 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion: 77 Resp: 60968
 Ion Ratio Lower Upper
 77 100
 97 23.7 11.7 35.1



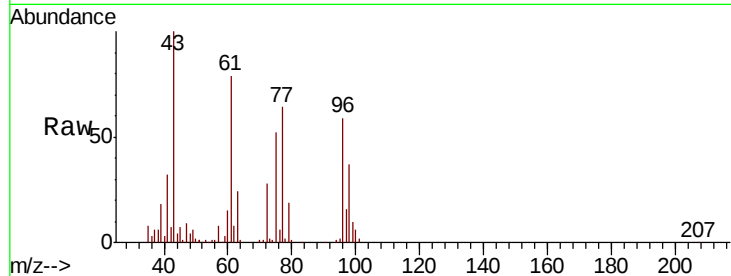


#27

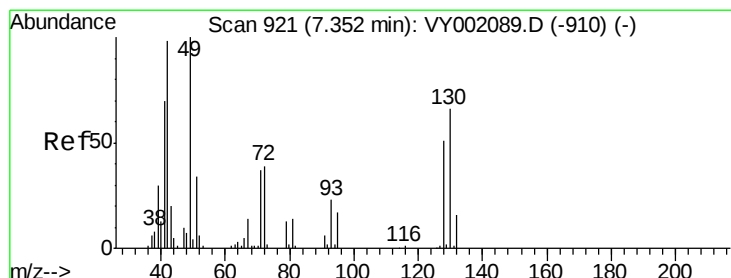
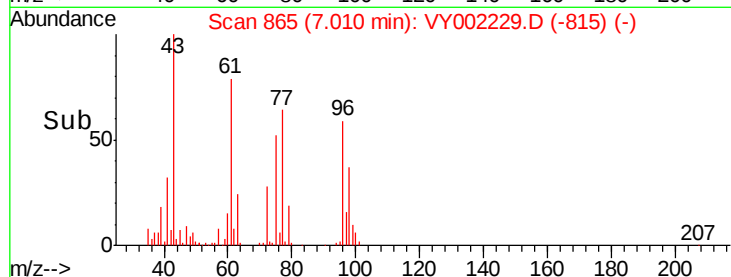
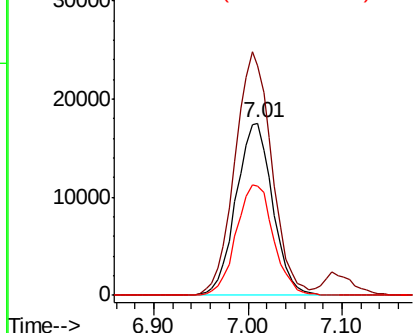
cis-1,2-Dichloroethene
 Concen: 21.176 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 47435
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 290.6
 98 65.3 0.0 128.0



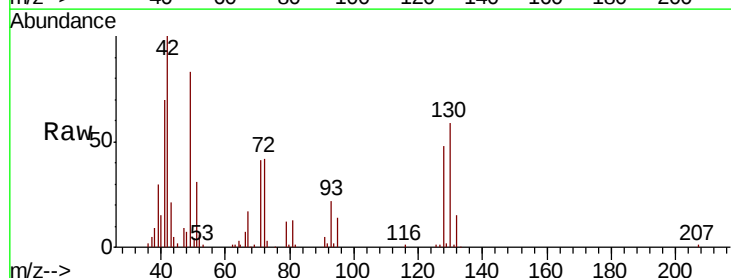
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



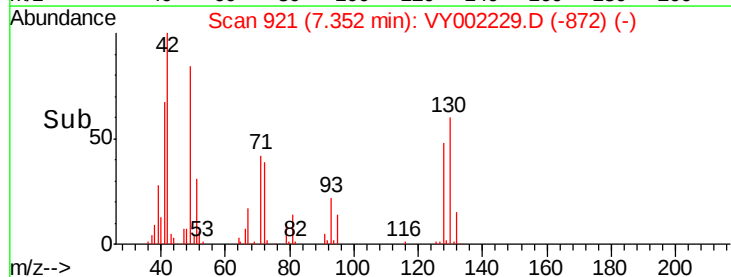
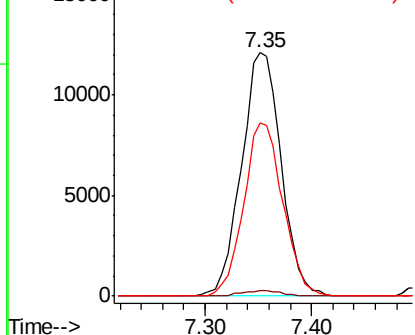
#28

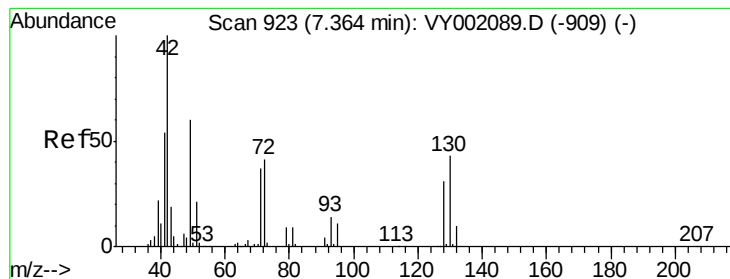
Bromochloromethane
 Concen: 19.439 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion: 49 Resp: 31612
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.4
 130 70.3 54.1 81.1



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





#29

Tetrahydrofuran

Concen: 102.844 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

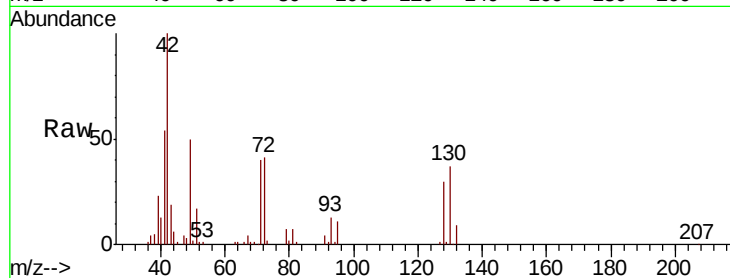
Tot Ion: 42 Resp: 52996

Ion Ratio Lower Upper

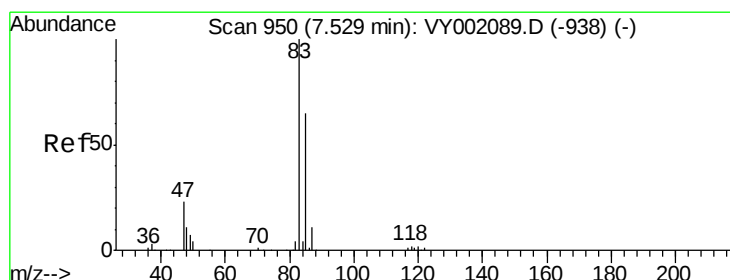
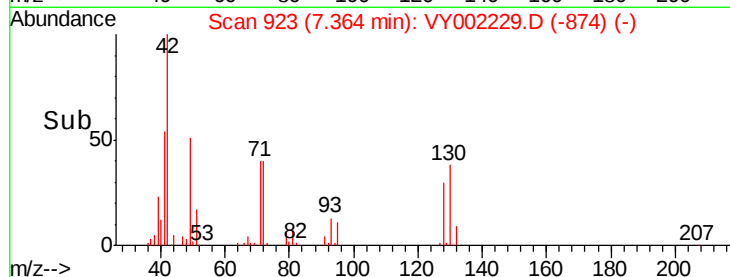
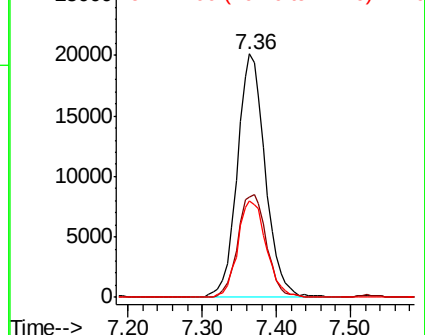
42 100

72 43.3 33.0 49.4

71 40.5 31.2 46.8



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



#30

Chloroform

Concen: 20.806 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

Lab File: VY002229.D

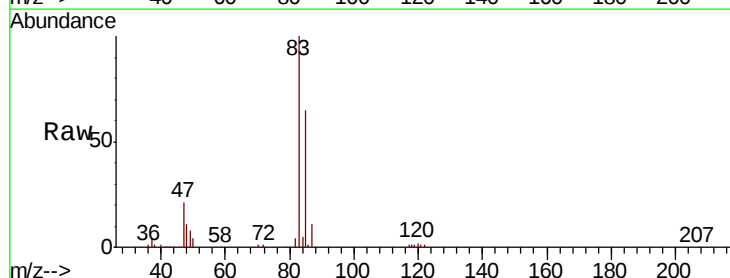
Acq: 06 Apr 2020 12:18

Tgt Ion: 83 Resp: 70249

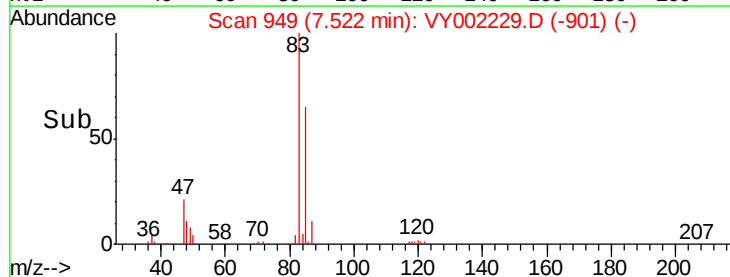
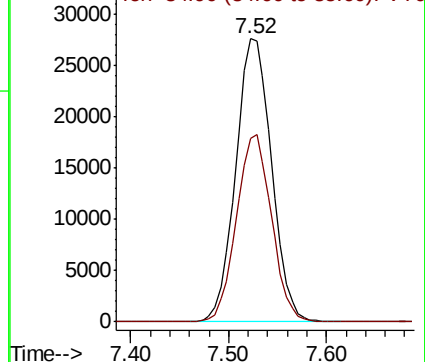
Ion Ratio Lower Upper

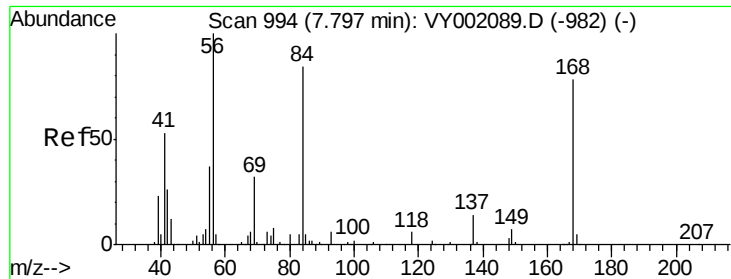
83 100

85 64.9 52.4 78.6



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

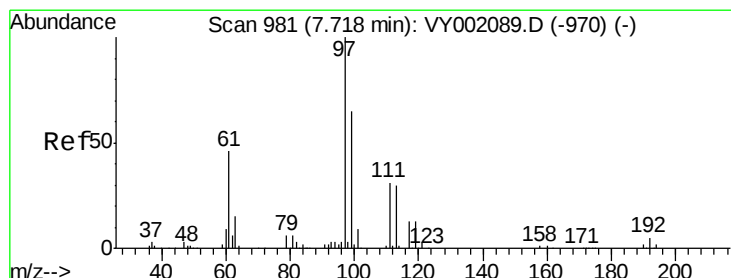
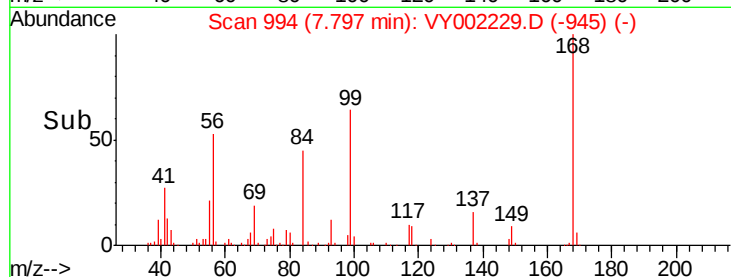
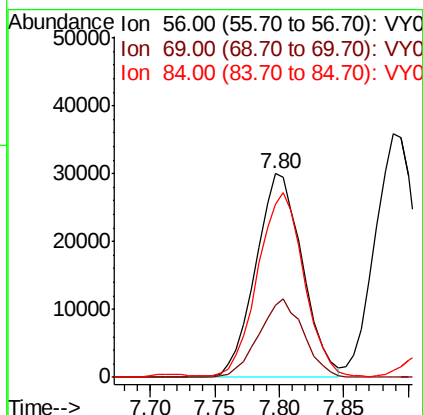
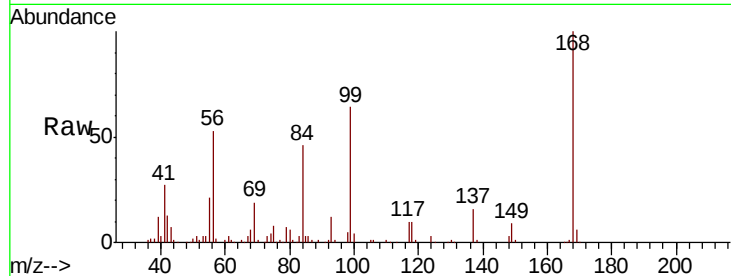




#31
Cyclohexane
Concen: 19.919 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

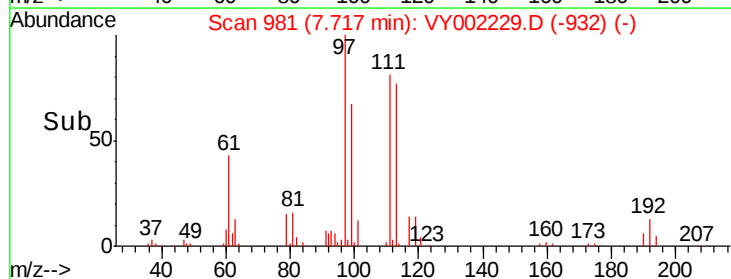
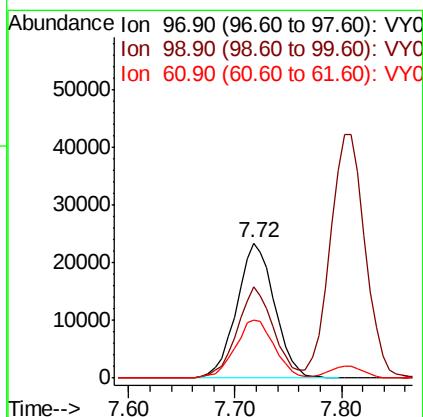
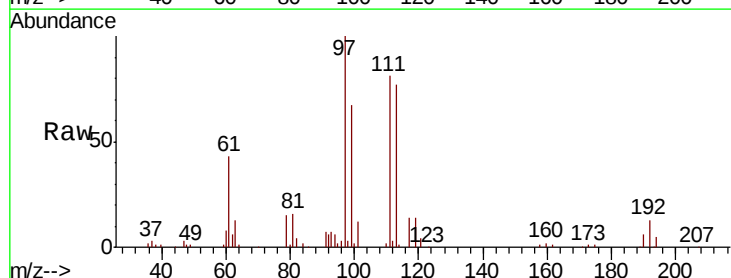
Instrument :
MSVOA_Y
ClientSampled :

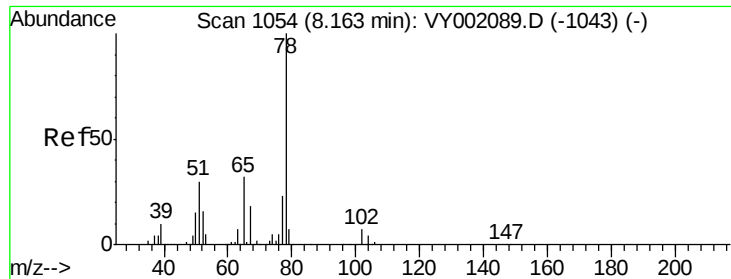
Tot Ion: 56 Resp: 75608
Ion Ratio Lower Upper
56 100
69 35.3 25.8 38.8
84 84.1 67.1 100.7



#32
1,1,1-Trichloroethane
Concen: 20.620 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion: 97 Resp: 58129
Ion Ratio Lower Upper
97 100
99 65.8 52.0 78.0
61 44.7 35.7 53.5

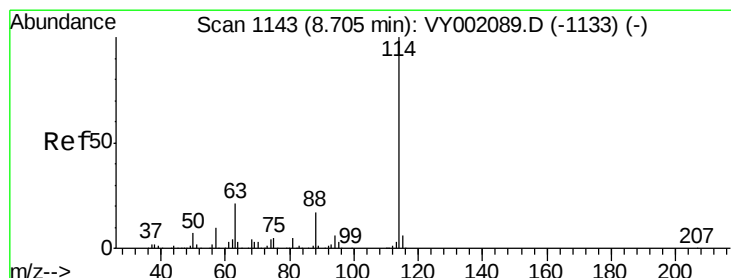
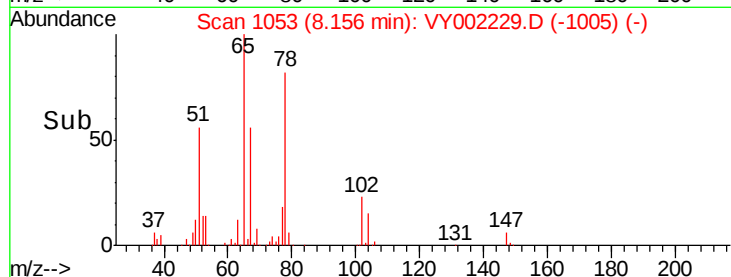
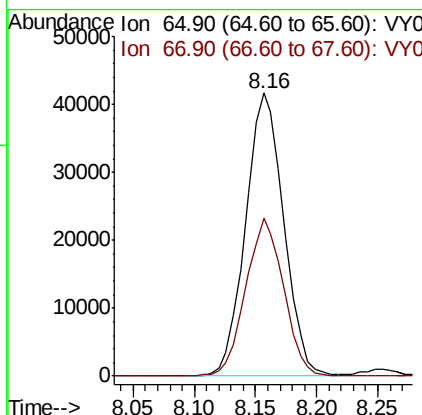
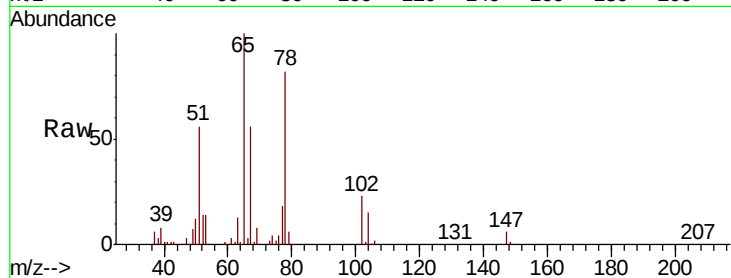




#33
 1,2-Dichloroethane-d4
 Concen: 49.699 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

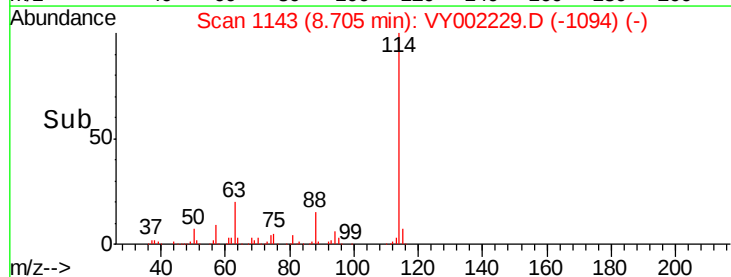
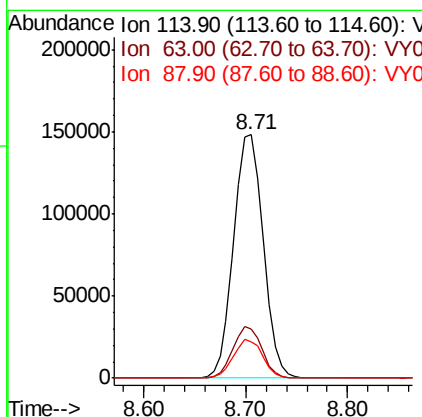
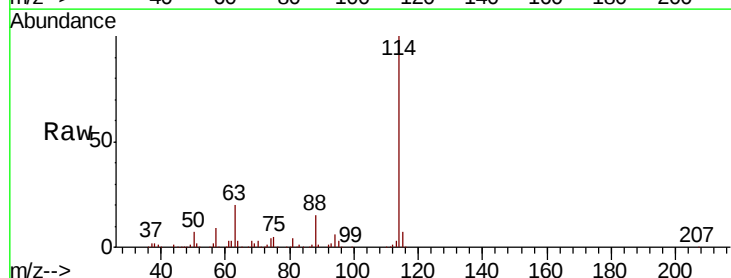
Instrument :
 MSVOA_Y
 ClientSampleId :

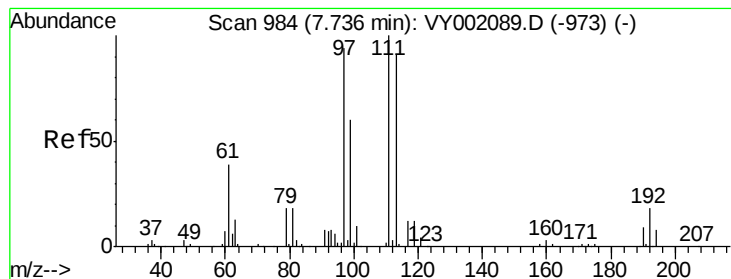
Tot Ion: 65 Resp: 90547
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion: 114 Resp: 298405
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.545 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampled :

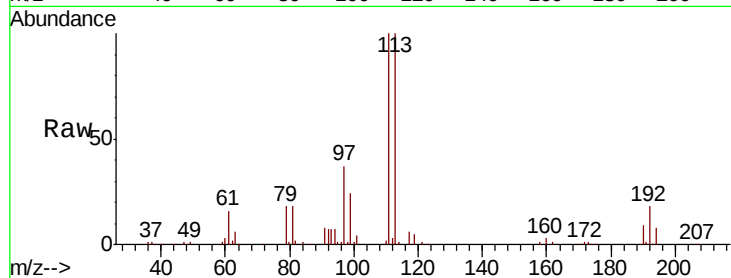
Tot Ion:113 Resp: 86184

Ion Ratio Lower Upper

113 100

111 103.2 84.4 126.6

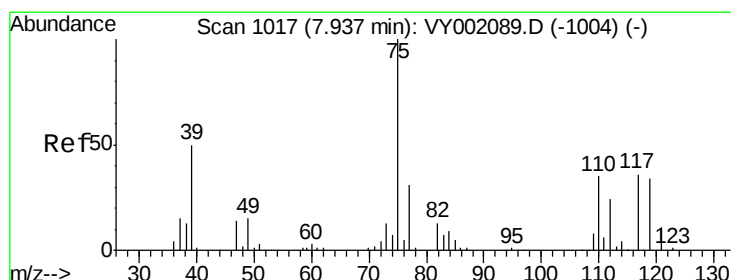
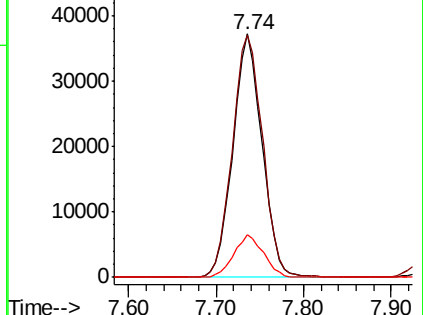
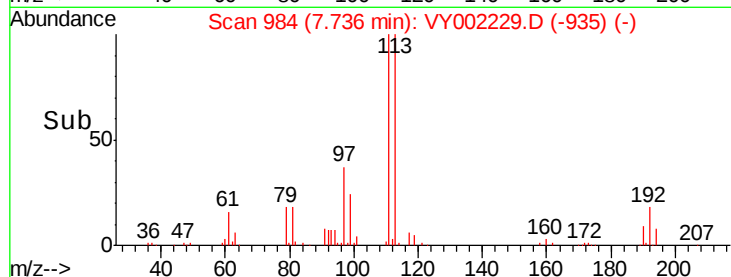
192 17.9 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.707 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

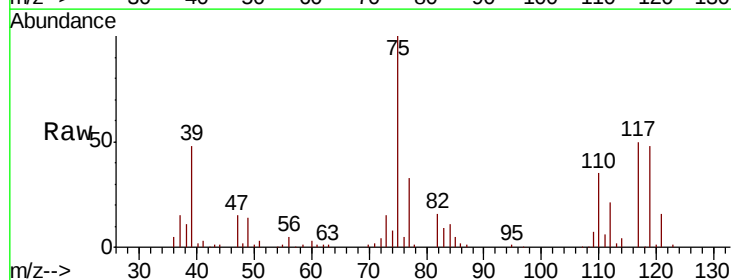
Tgt Ion: 75 Resp: 58444

Ion Ratio Lower Upper

75 100

110 35.1 17.2 51.6

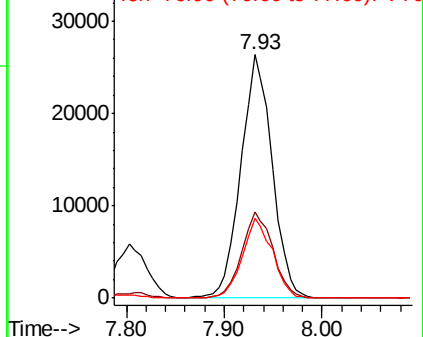
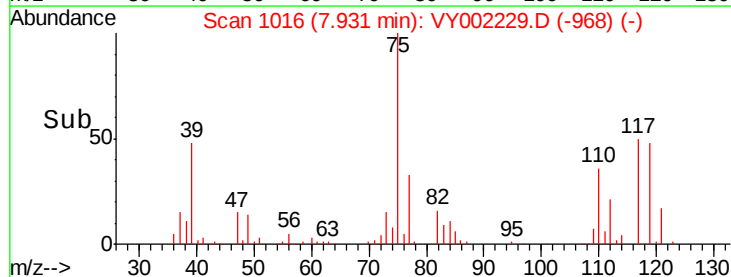
77 31.8 24.7 37.1

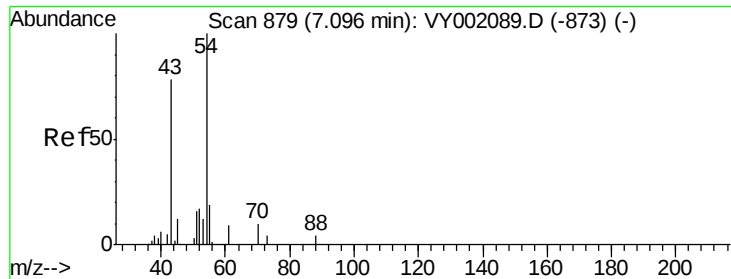


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

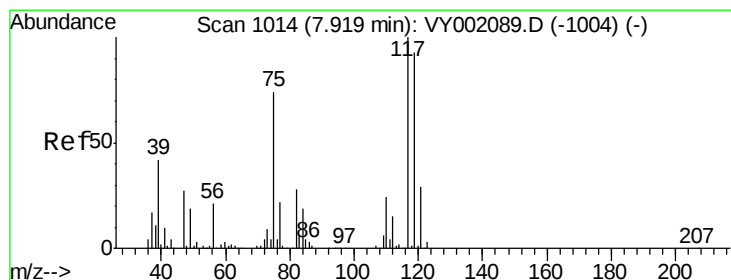
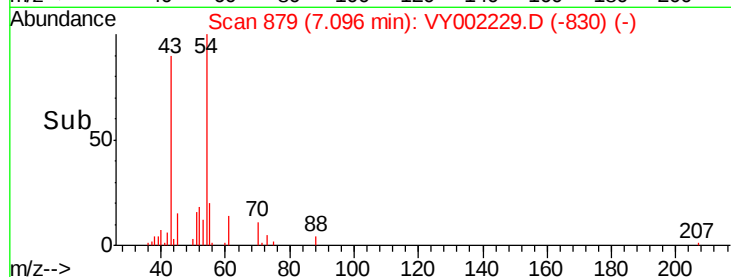
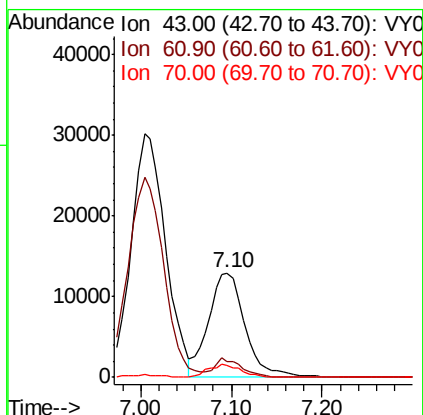
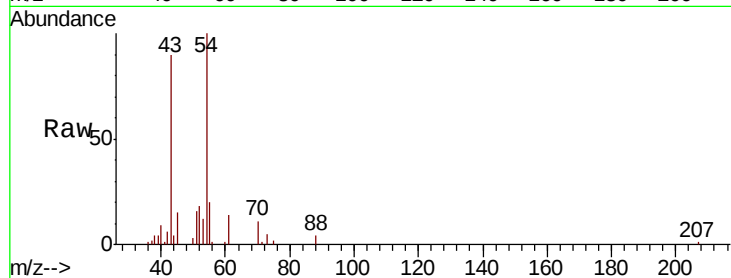




#37
Ethyl Acetate
Concen: 21.439 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

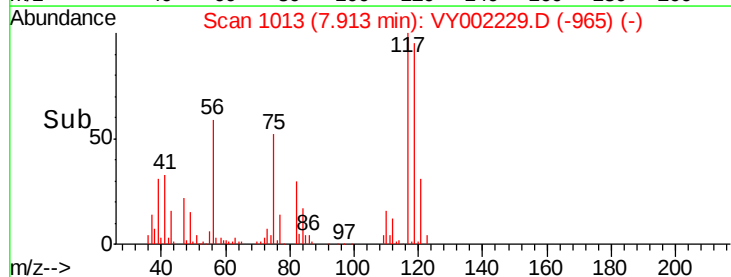
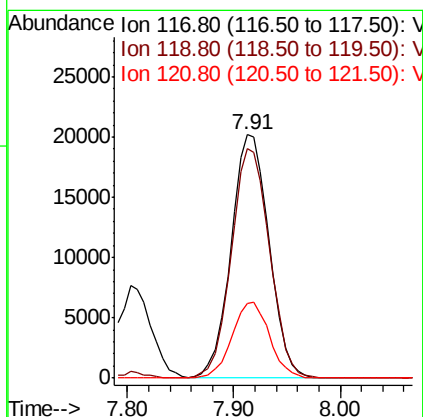
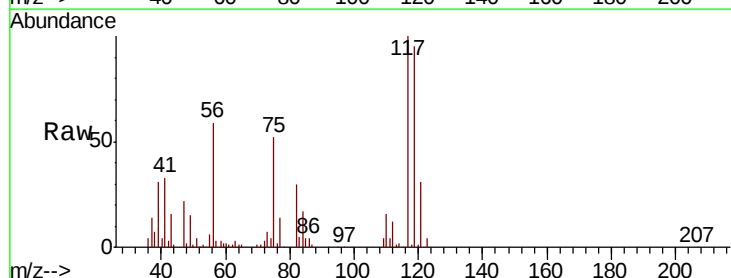
Instrument :
MSVOA_Y
ClientSampleId :

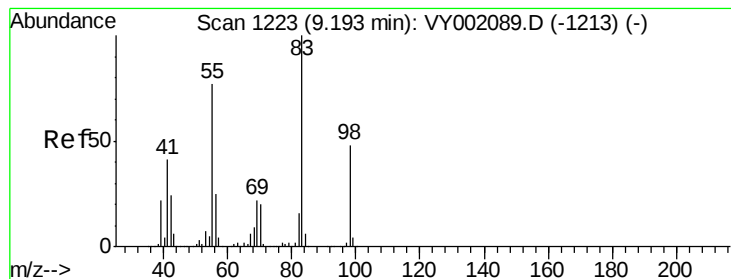
Tot Ion: 43 Resp: 36568
Ion Ratio Lower Upper
43 100
61 13.9 11.2 16.8
70 11.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 21.071 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion: 117 Resp: 50459
Ion Ratio Lower Upper
117 100
119 94.5 74.3 111.5
121 30.7 23.3 34.9

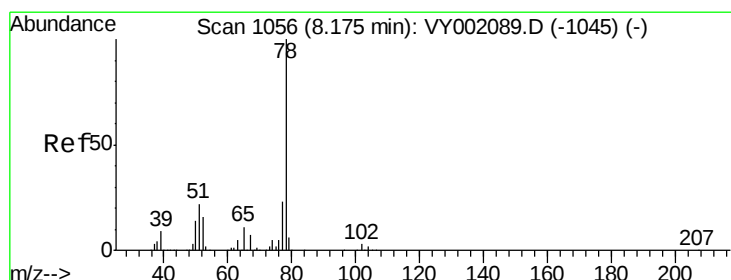
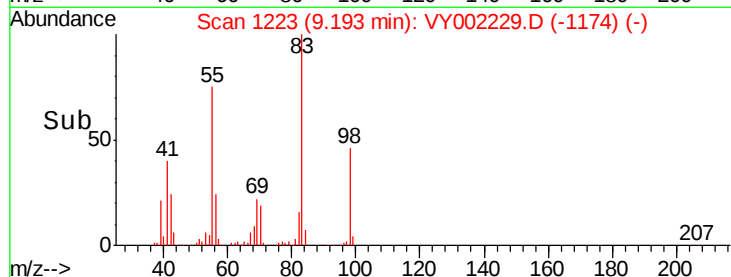
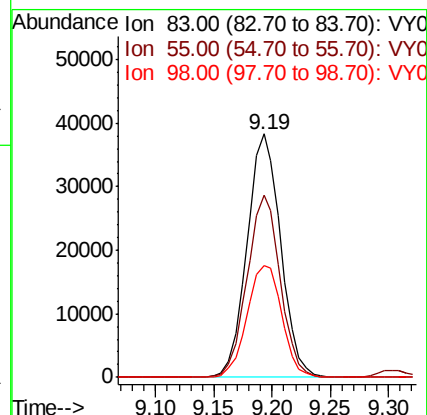
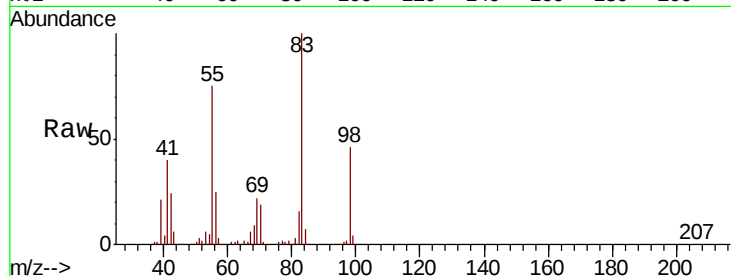




#39
Methvlcvclohexane
Concen: 20.806 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

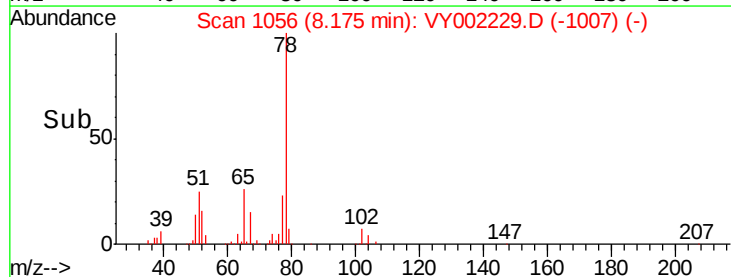
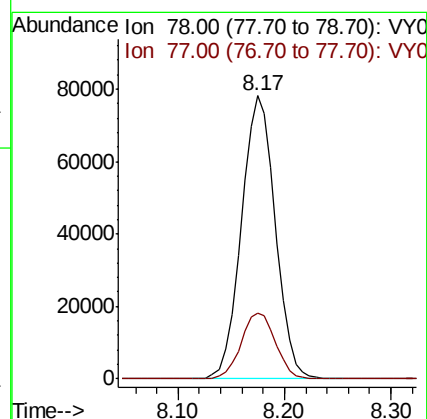
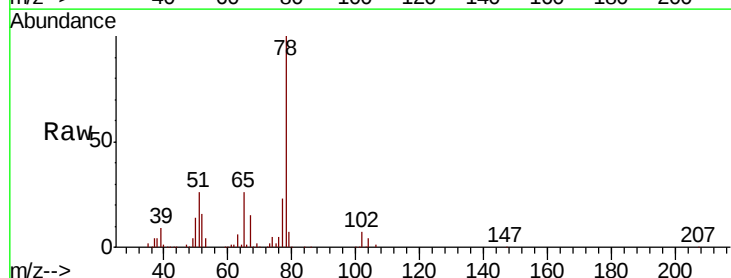
Instrument :
MSVOA_Y
ClientSampled :

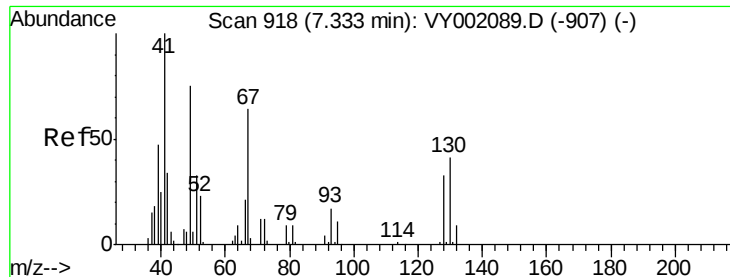
Tot Ion: 83 Resp: 77031
Ion Ratio Lower Upper
83 100
55 75.0 61.2 91.8
98 45.7 38.2 57.2



#40
Benzene
Concen: 20.814 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion: 78 Resp: 174015
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4

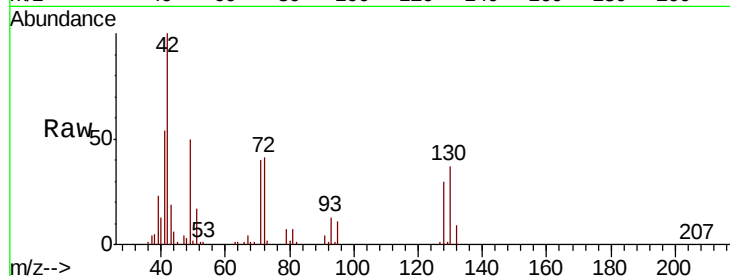




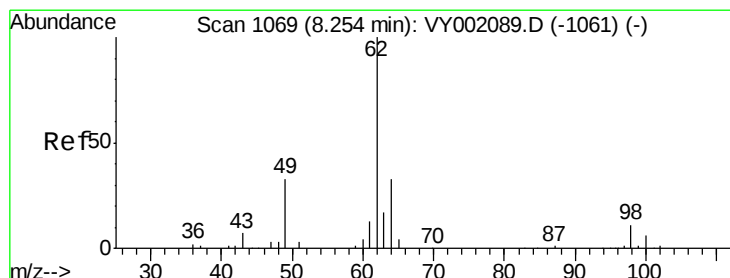
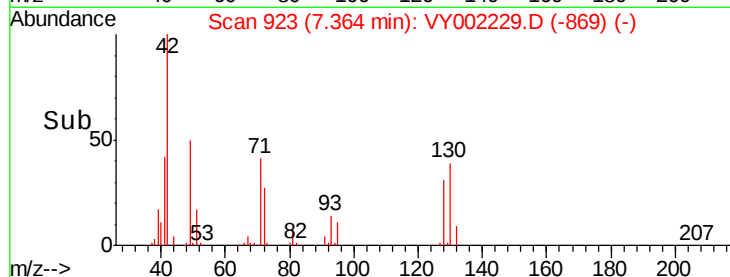
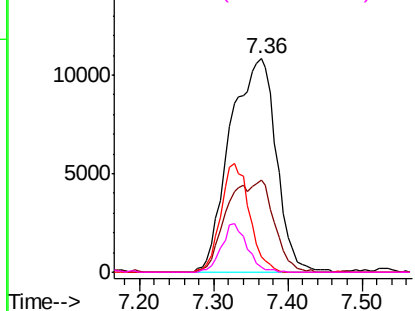
#41
Methacrylonitrile
Concen: 54.393 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	46928
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

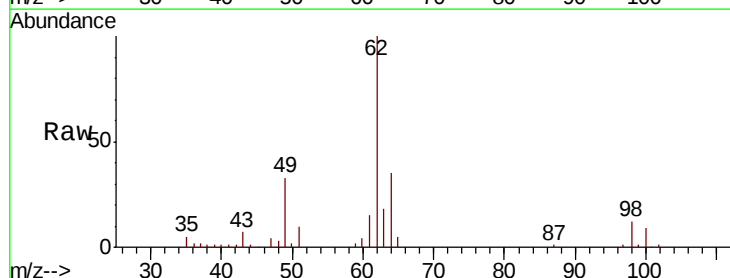


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

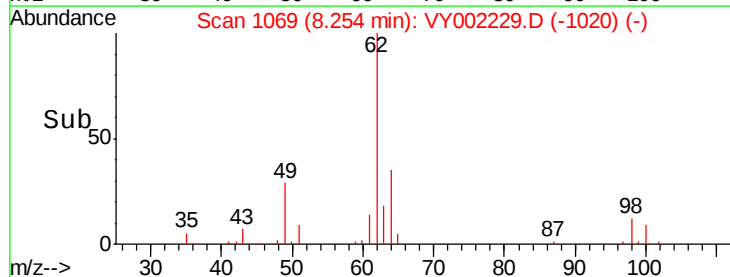
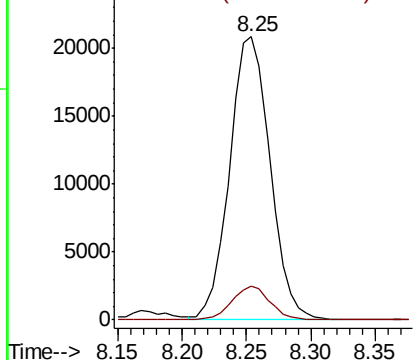


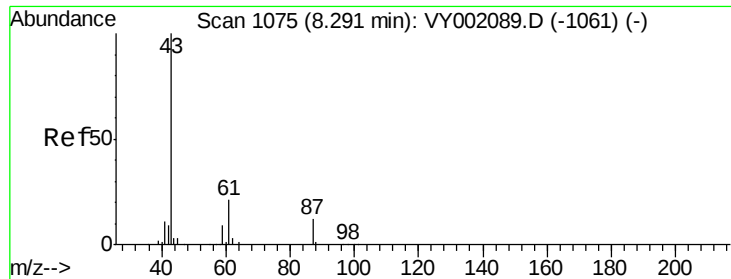
#42
1,2-Dichloroethane
Concen: 20.468 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion:	62	Resp:	45433
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.2



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



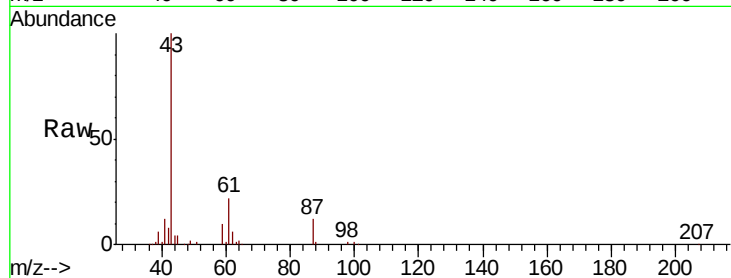


#43

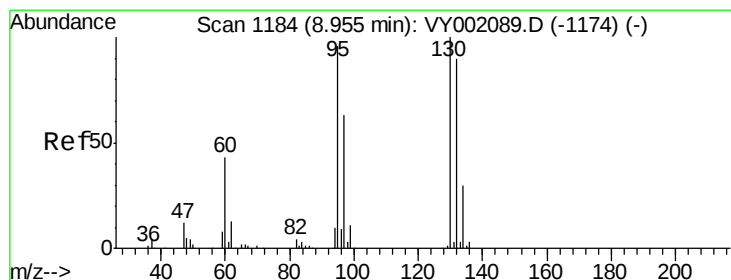
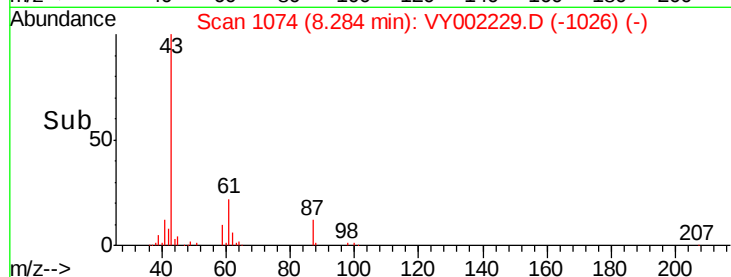
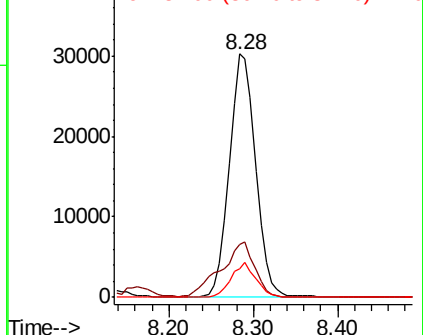
Isopropyl Acetate
 Concen: 20.248 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	64099
Ion Ratio	Lower	Upper	
43	100		
61	29.6	23.4	35.2
87	13.5	10.2	15.4



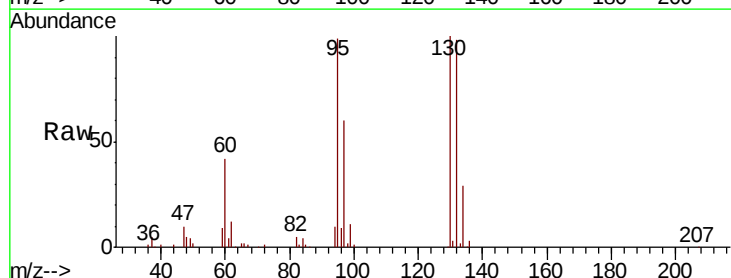
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



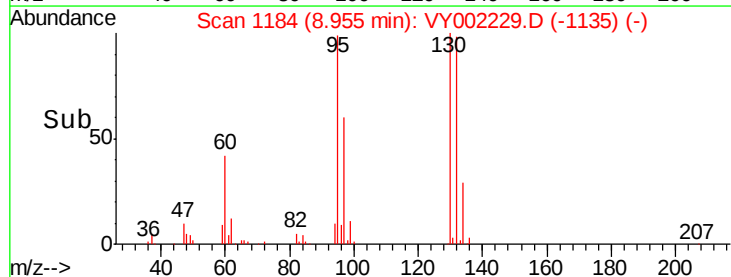
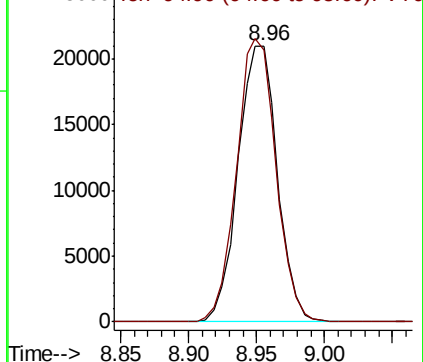
#44

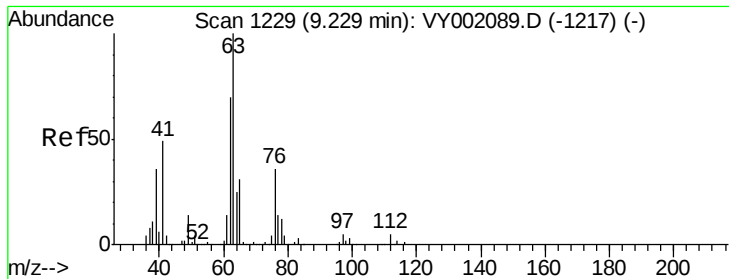
Trichloroethene
 Concen: 21.017 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion	130	Resp	42357
Ion Ratio	Lower	Upper	
130	100		
95	98.5	0.0	193.0



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





#45

1,2-Dichloropropane

Concen: 21.092 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

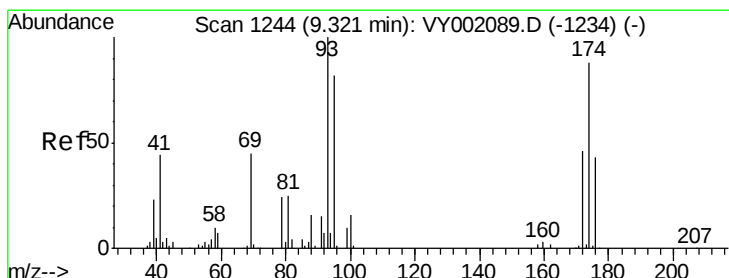
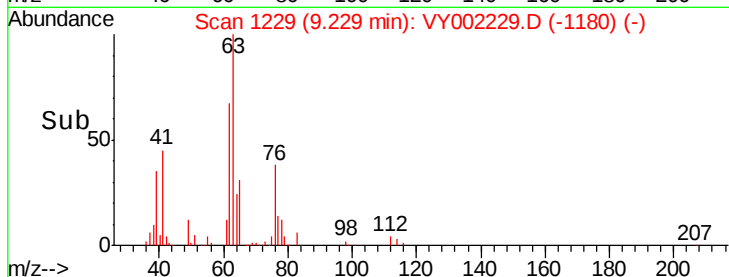
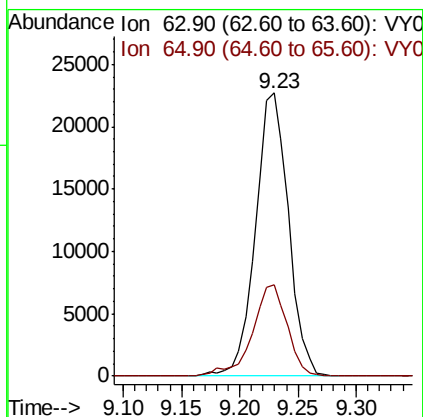
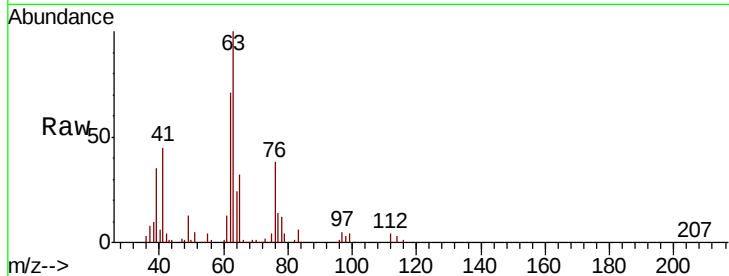
ClientSampled :

Tot Ion: 63 Resp: 44900

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.6



#46

Dibromomethane

Concen: 20.977 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

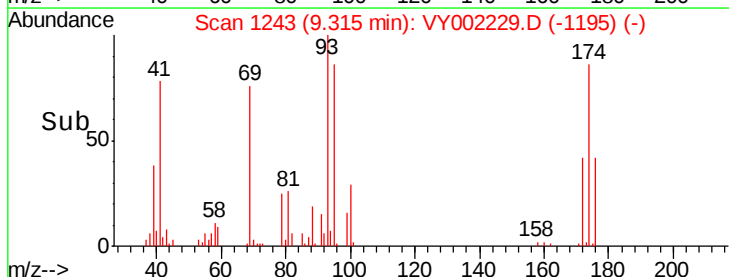
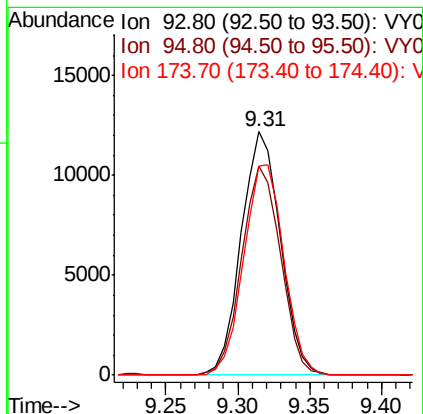
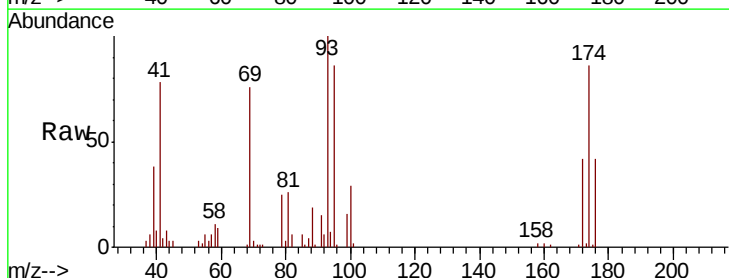
Tgt Ion: 93 Resp: 22933

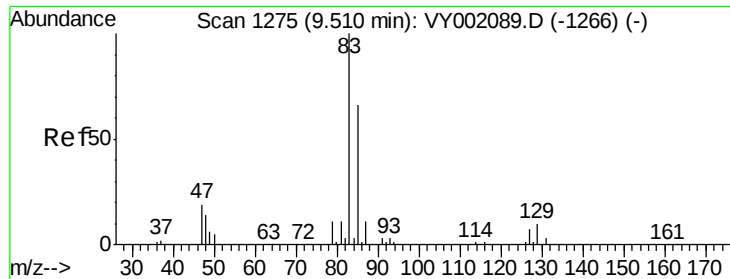
Ion Ratio Lower Upper

93 100

95 85.3 66.0 99.0

174 88.2 69.8 104.8





#47

Bromodichloromethane

Concen: 20.996 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

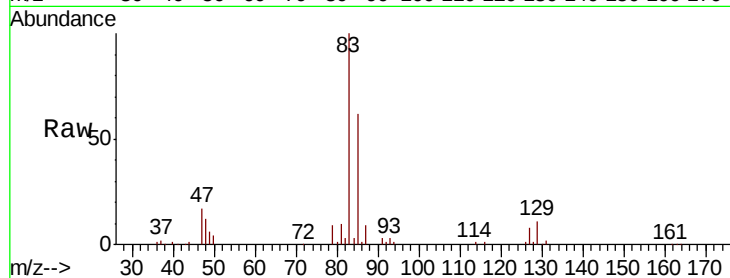
Tot Ion: 83 Resp: 53436

Ion Ratio Lower Upper

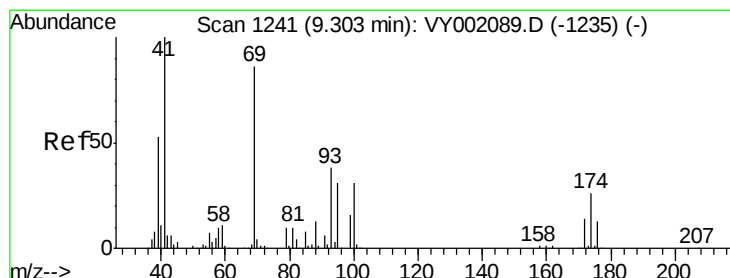
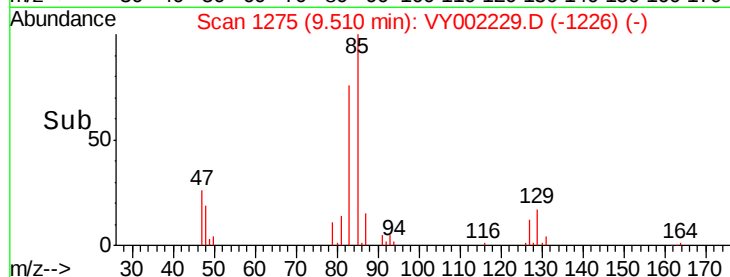
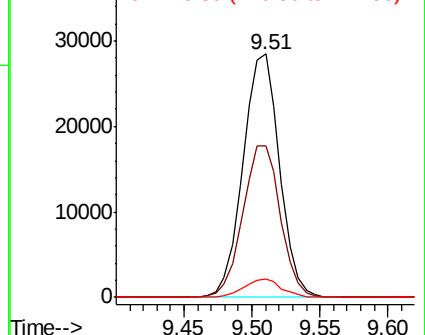
83 100

85 62.3 52.6 79.0

127 7.5 5.9 8.9



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



#48

Methyl methacrylate

Concen: 20.969 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

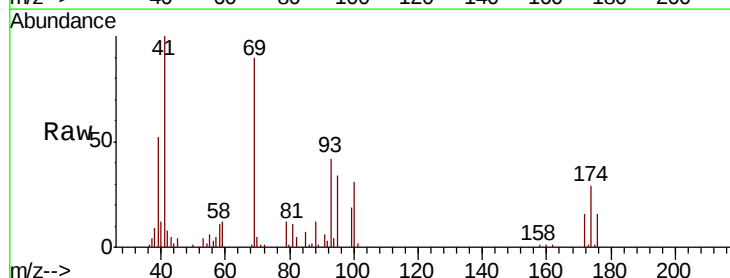
Tgt Ion: 41 Resp: 29748

Ion Ratio Lower Upper

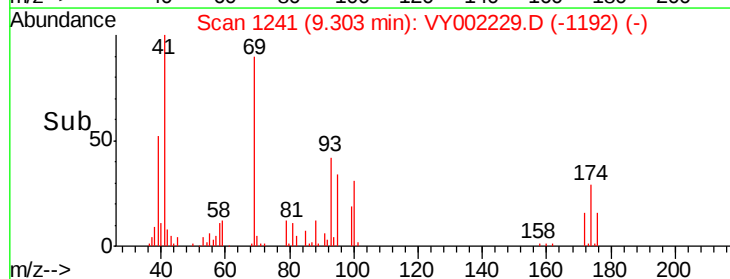
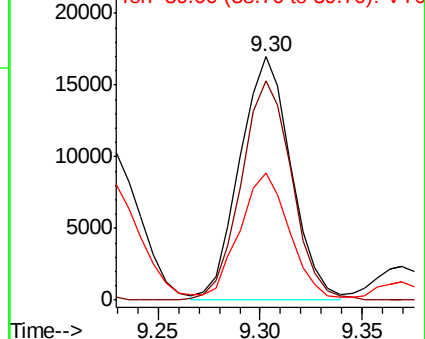
41 100

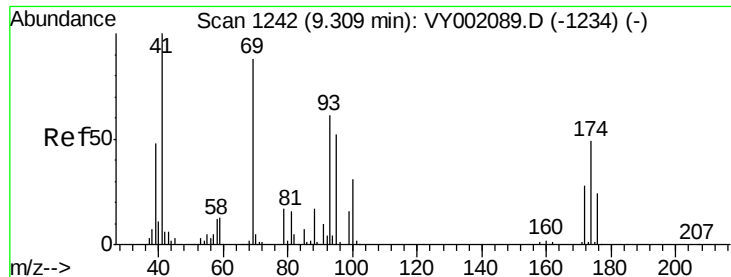
69 88.6 71.4 107.0

39 48.3 41.0 61.4



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

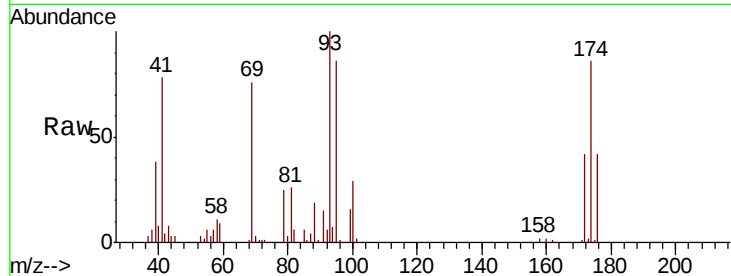




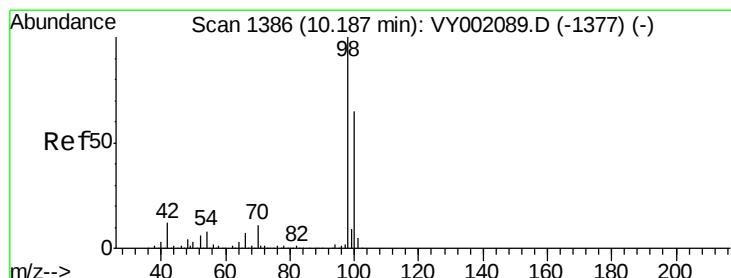
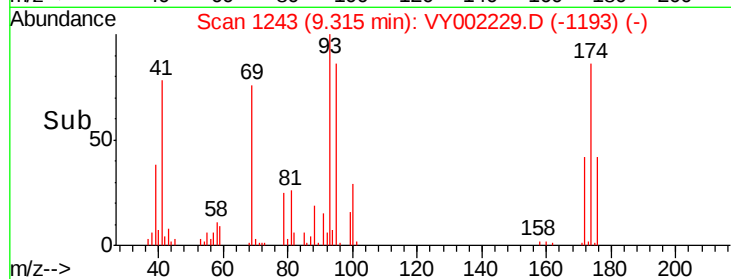
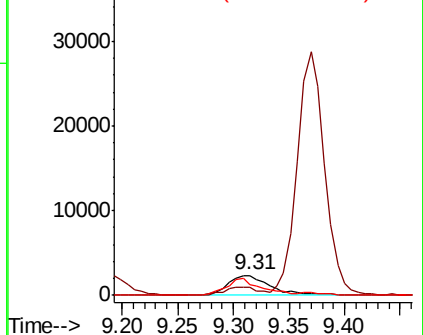
#49
1,4-Dioxane
Concen: 417.340 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 6261
Ion Ratio Lower Upper
88 100
43 33.8 27.2 40.8
58 69.5 59.8 89.8

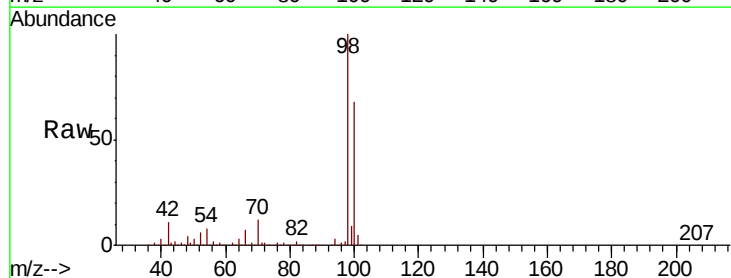


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

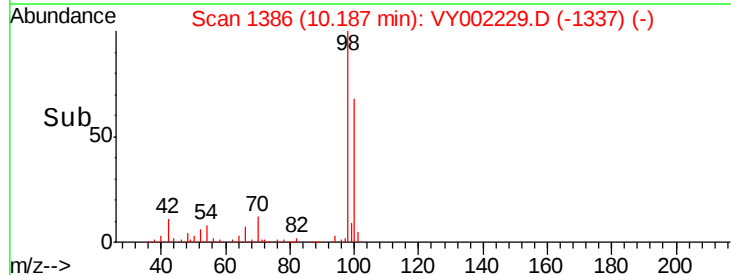
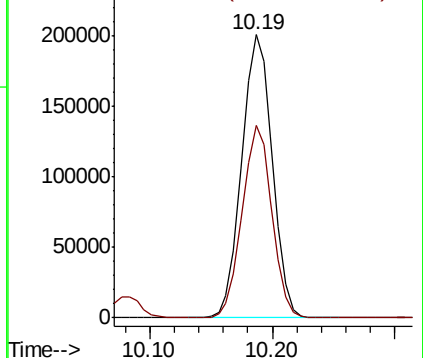


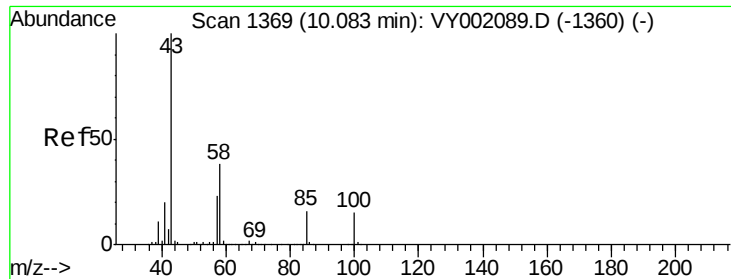
#50
Toluene-d8
Concen: 49.944 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion: 98 Resp: 346908
Ion Ratio Lower Upper
98 100
100 66.2 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 105.627 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

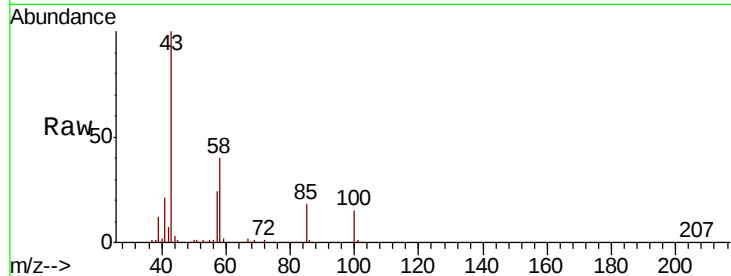
ClientSampleId :

Tot Ion: 43 Resp: 172183

Ion Ratio Lower Upper

43 100

58 40.0 31.6 47.4

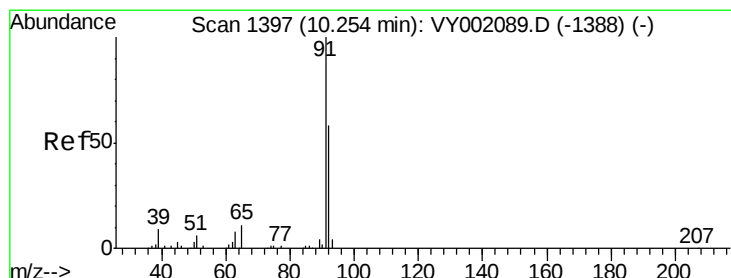
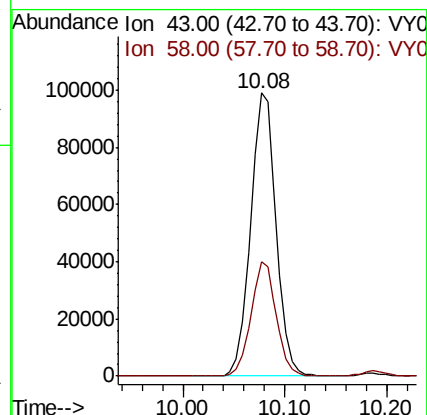
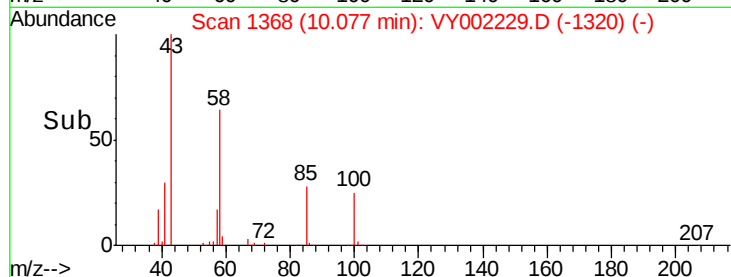


Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)

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

10.08

Time-->



#52

Toluene

Concen: 20.993 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002229.D

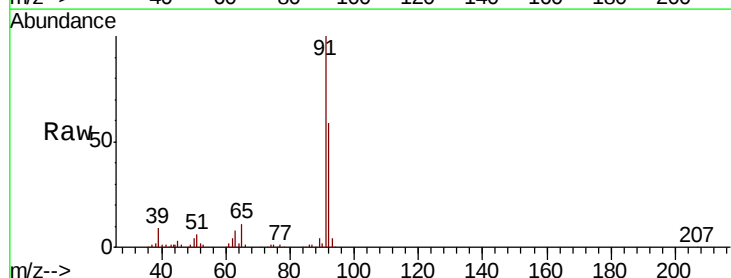
Acq: 06 Apr 2020 12:18

Tgt Ion: 92 Resp: 106156

Ion Ratio Lower Upper

92 100

91 172.3 139.3 208.9

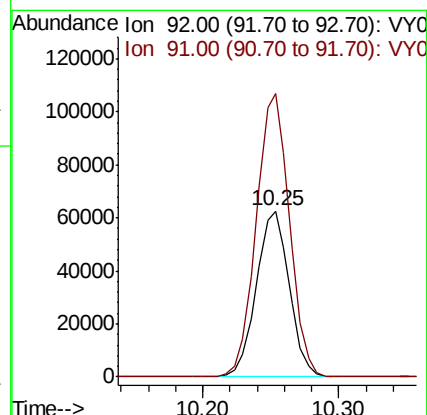
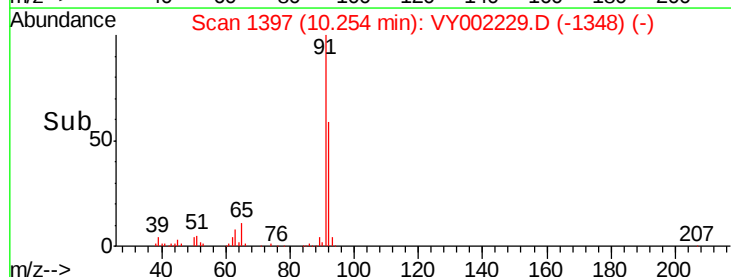


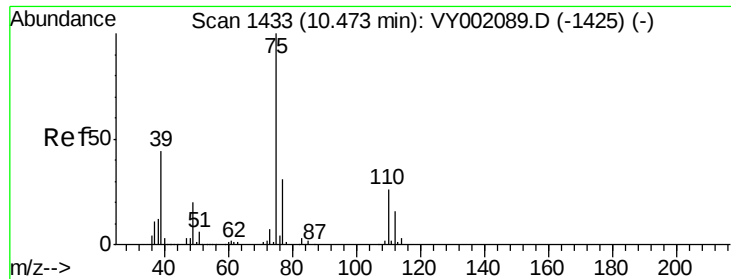
Abundance Ion 92.00 (91.70 to 92.70): VY002089.D (-1388) (-)

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

10.25

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.705 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

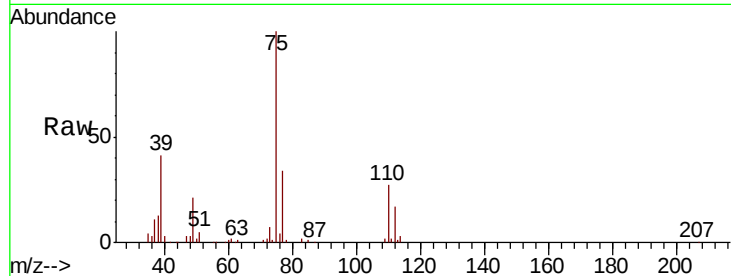
ClientSampleId :

Tot Ion: 75 Resp: 58489

Ion Ratio Lower Upper

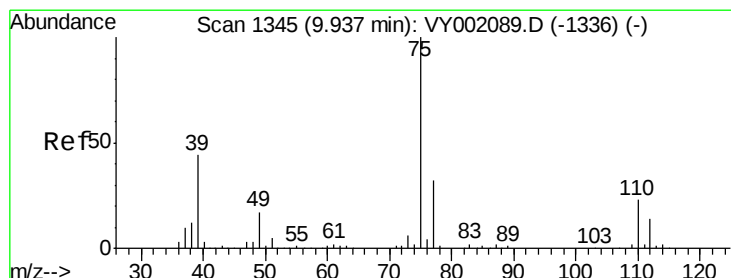
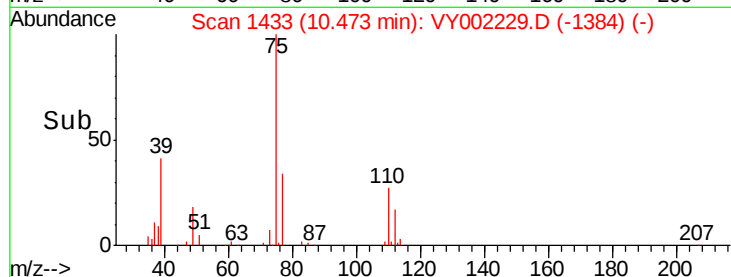
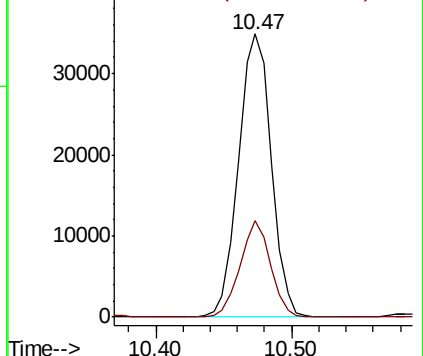
75 100

77 34.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.610 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

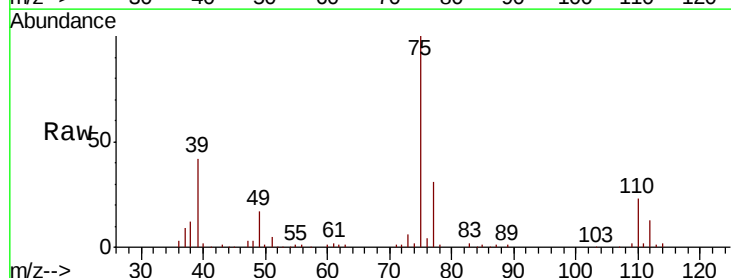
Tgt Ion: 75 Resp: 68547

Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4

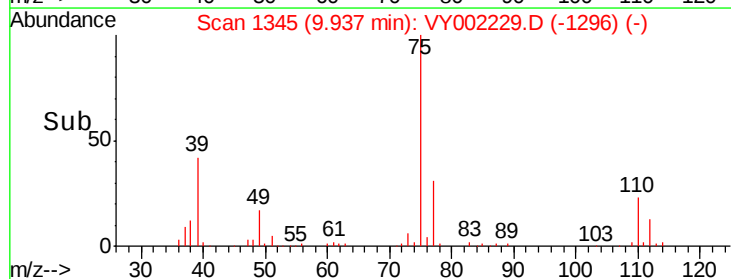
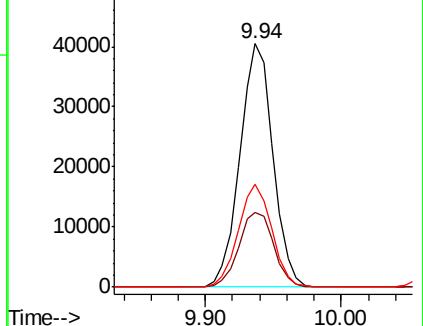
39 42.3 35.2 52.8

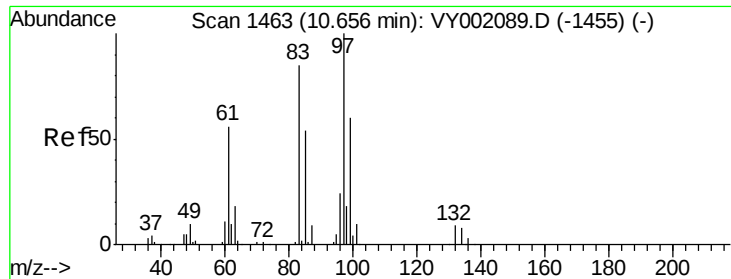


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

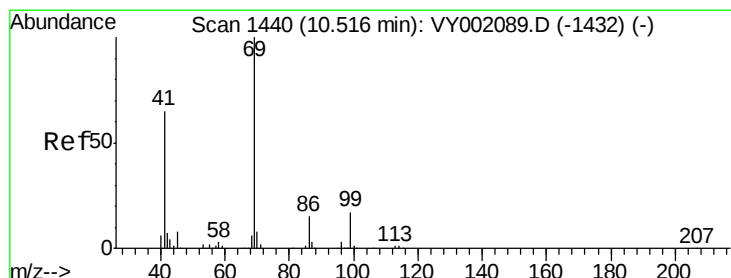
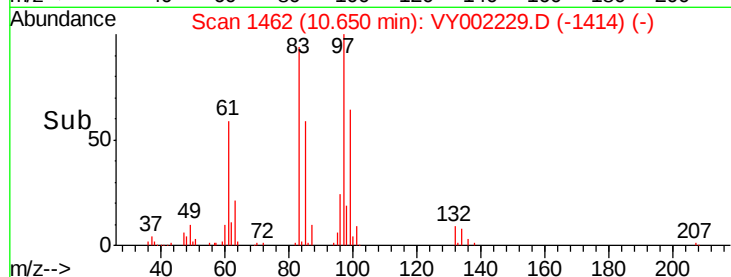
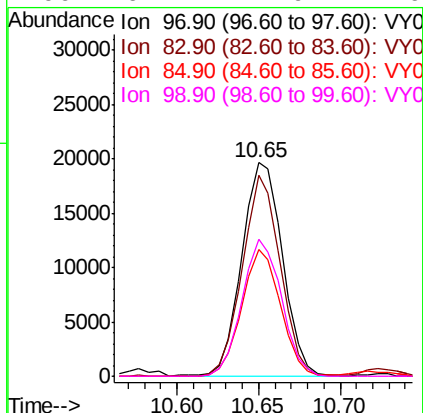
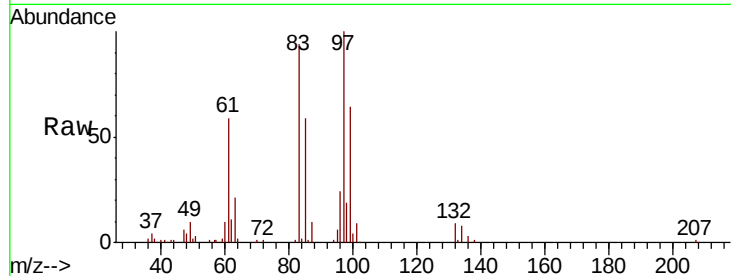




#55
 1,1,2-Trichloroethane
 Concen: 20.981 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

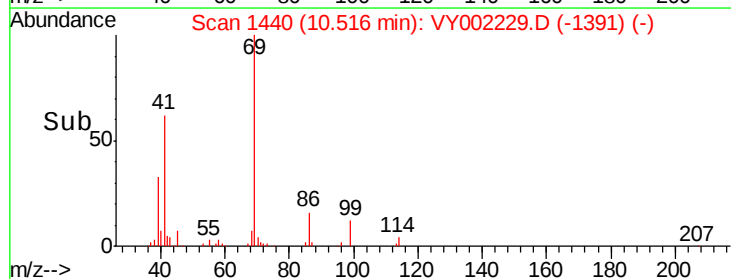
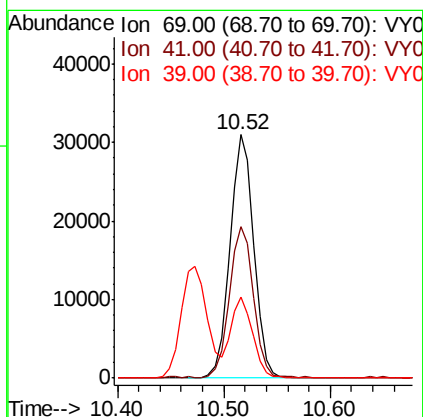
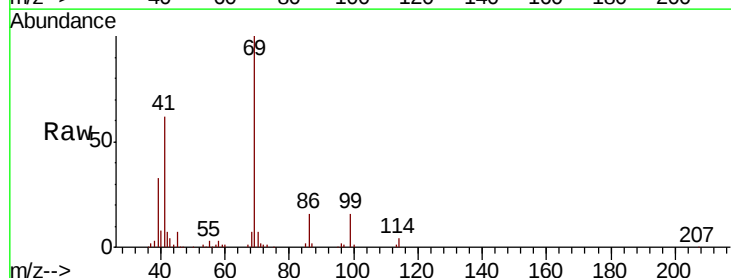
Instrument :
 MSVOA_Y
 ClientSampleId :

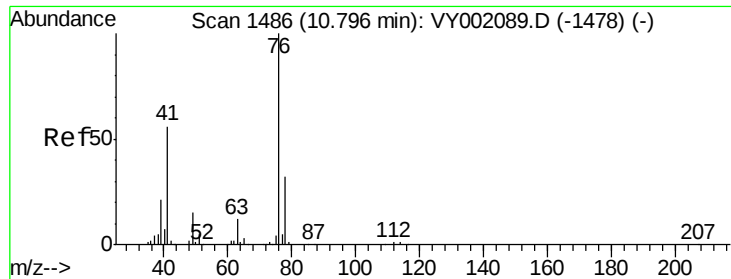
Tot Ion:	97	Resp:	33949
Ion	Ratio	Lower	Upper
97	100		
83	94.1	68.2	102.2
85	59.6	42.9	64.3
99	64.1	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 20.544 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion:	69	Resp:	48553
Ion	Ratio	Lower	Upper
69	100		
41	63.2	52.8	79.2
39	30.4	25.0	37.6

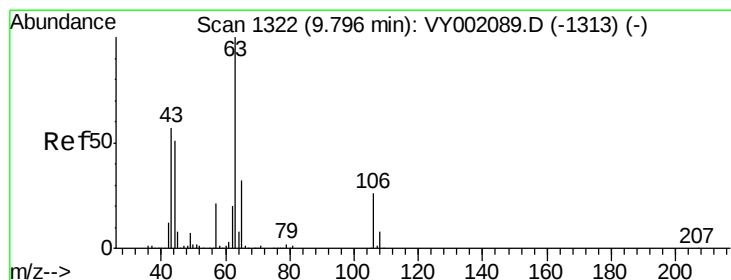
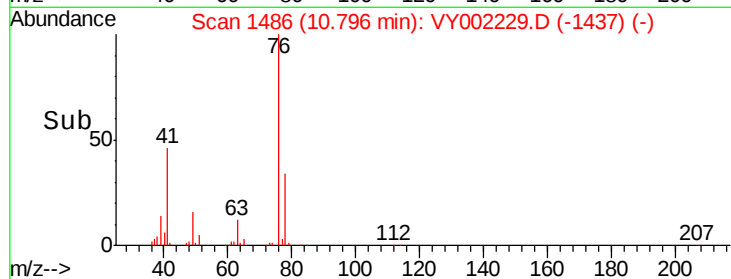
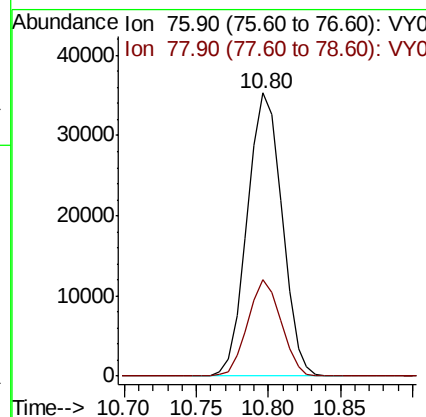
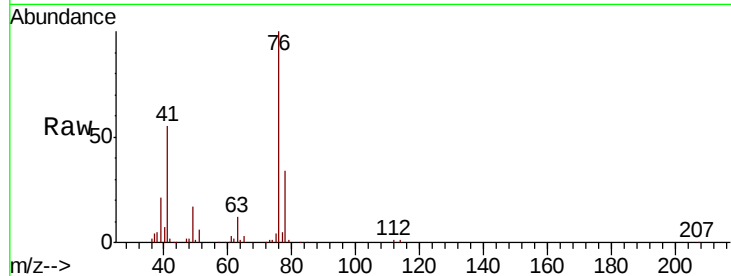




#57
 1,3-Dichloropropane
 Concen: 20.699 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

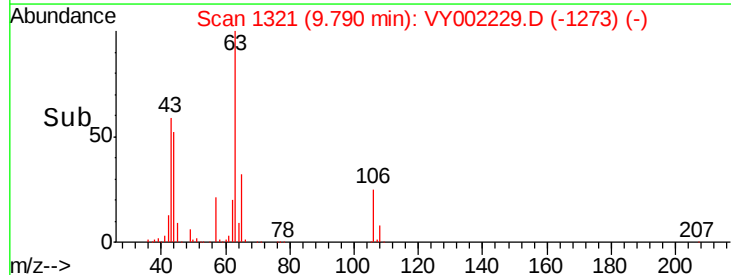
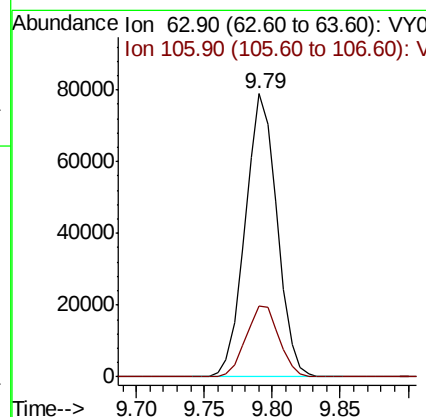
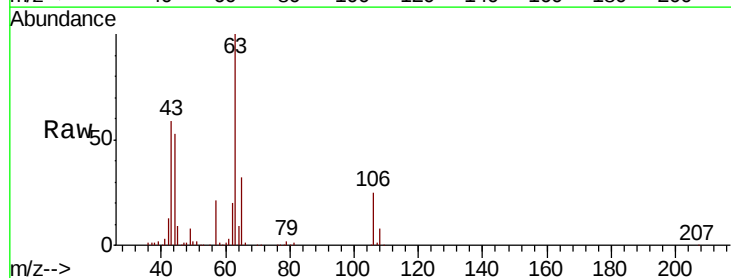
Instrument :
 MSVOA_Y
 ClientSampled :

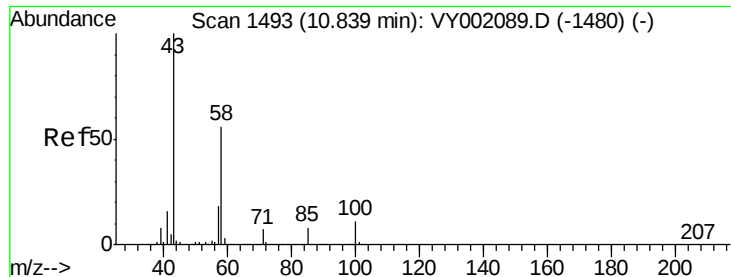
Tot Ion: 76 Resp: 59173
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.394 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion: 63 Resp: 129201
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.0 31.4





#59

2-Hexanone

Concen: 101.787 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

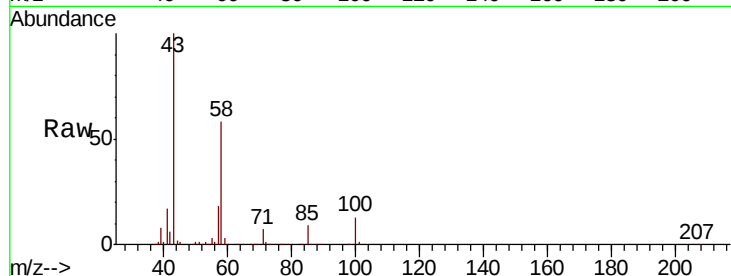
ClientSampled :

Tot Ion: 43 Resp: 116879

Ion Ratio Lower Upper

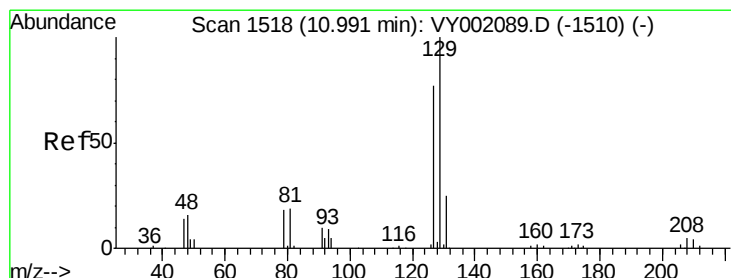
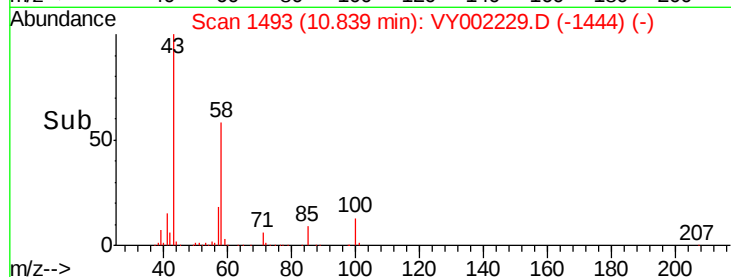
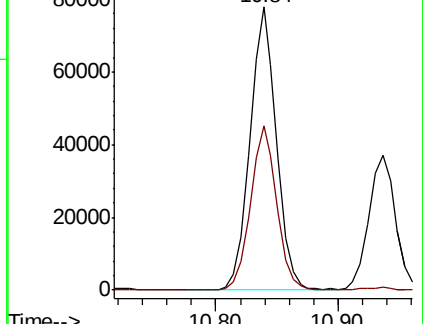
43 100

58 57.5 27.9 83.6



Abundance Ion 43.00 (42.70 to 43.70): VY002229.D (-1480) (-)

Ion 58.00 (57.70 to 58.70): VY002229.D (-1480) (-)



#60

Dibromochloromethane

Concen: 21.067 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VY002229.D

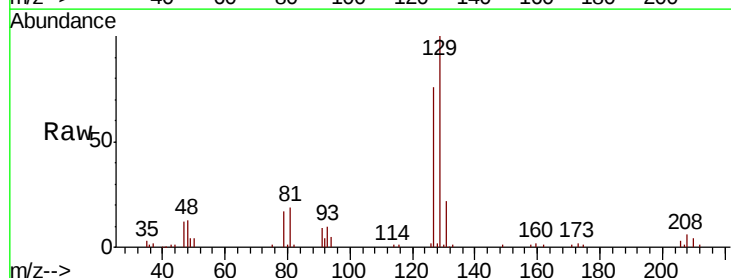
Acq: 06 Apr 2020 12:18

Tgt Ion: 129 Resp: 35670

Ion Ratio Lower Upper

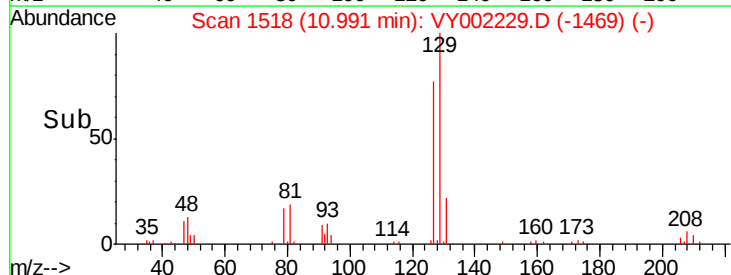
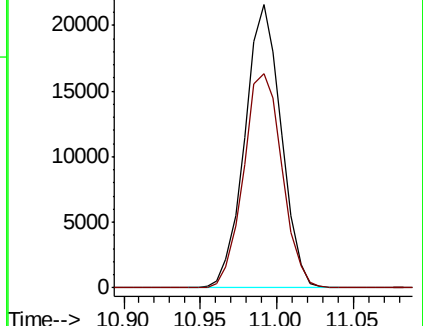
129 100

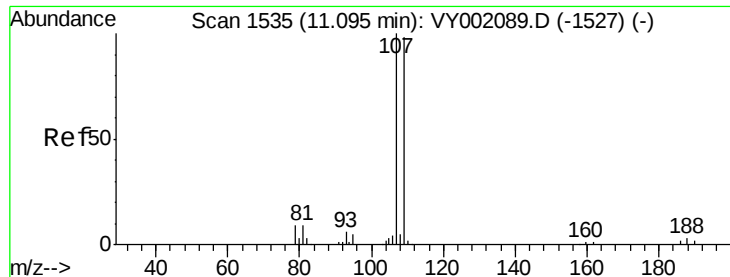
127 80.1 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): VY002229.D (-1510) (-)

Ion 126.80 (126.50 to 127.50): VY002229.D (-1510) (-)

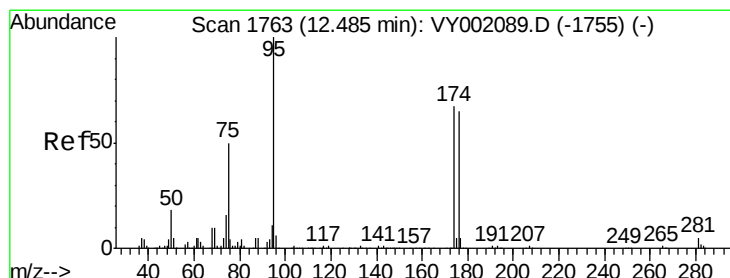
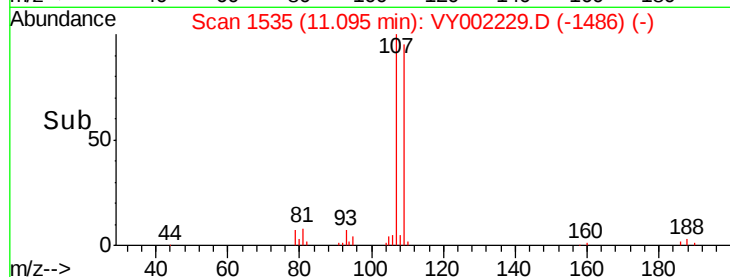
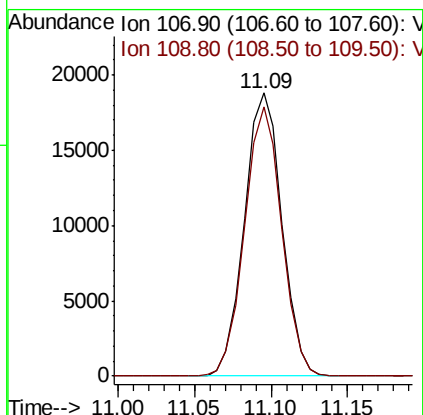
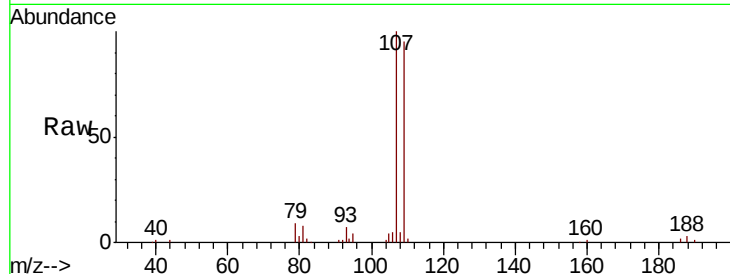




#61
 1,2-Dibromoethane
 Concen: 21.148 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

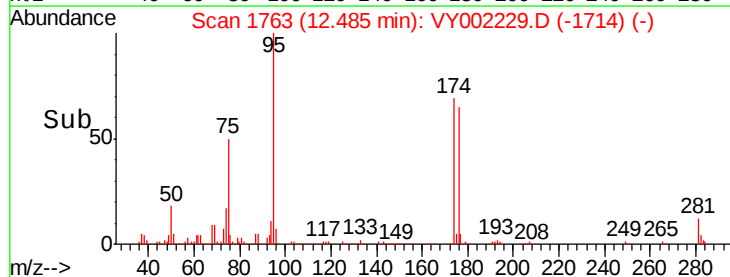
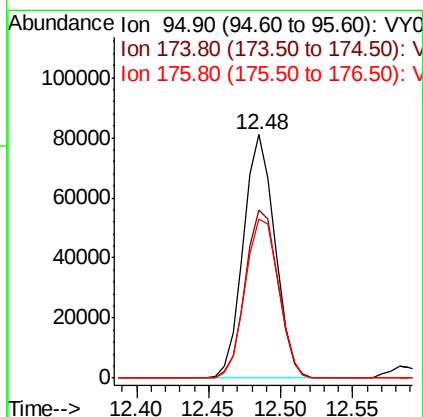
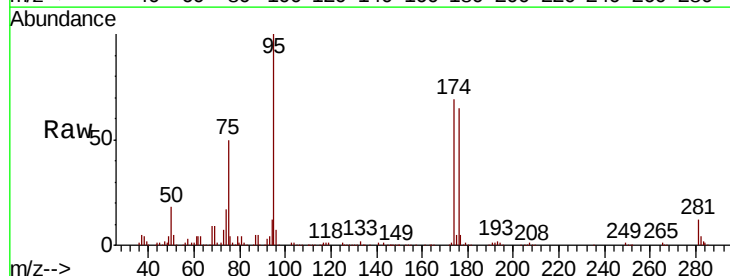
Instrument :
 MSVOA_Y
 ClientSampleId :

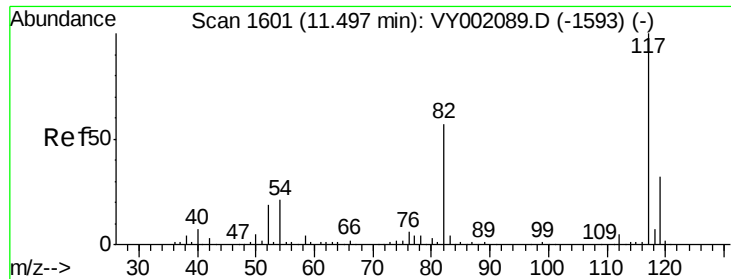
Tot Ion:107 Resp: 32028
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 50.612 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion: 95 Resp: 122947
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 143.4
 176 69.6 0.0 137.0

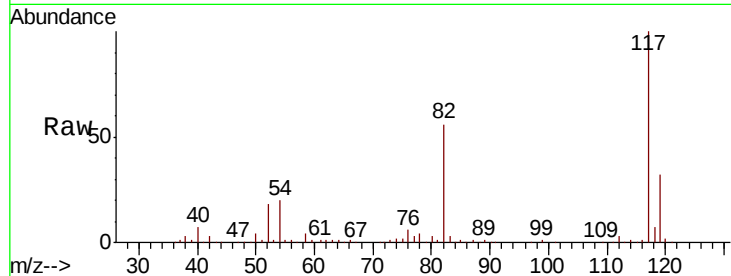




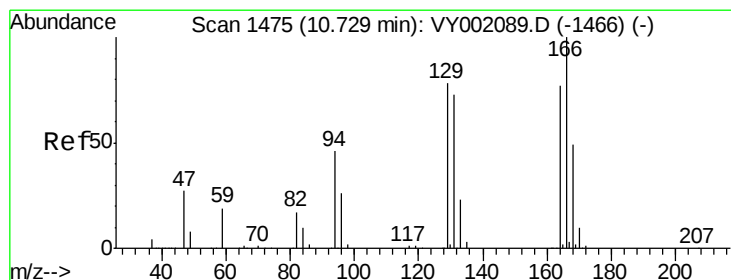
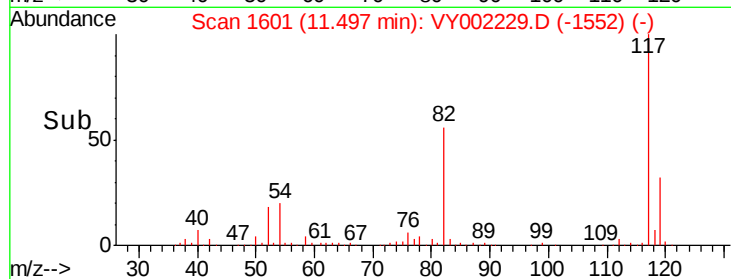
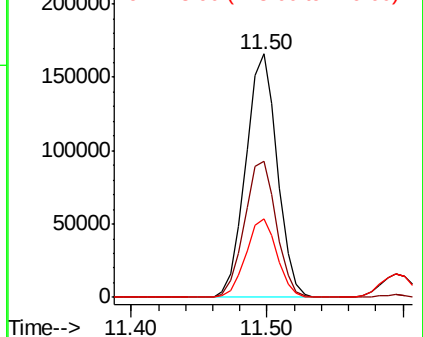
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 269025
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 32.4 25.3 37.9

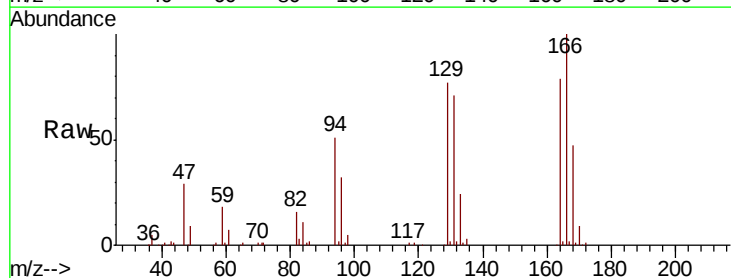


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

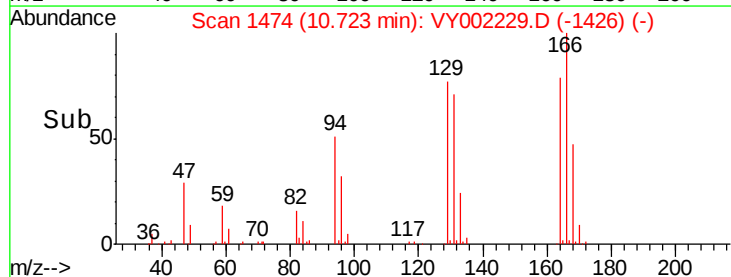
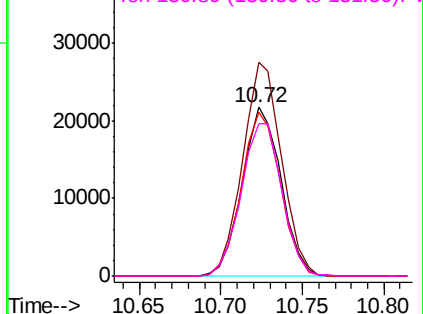


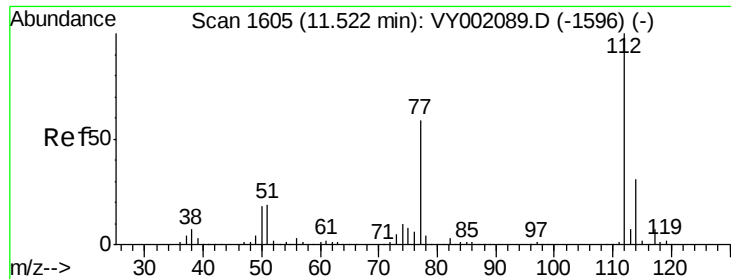
#64
Tetrachloroethene
Concen: 21.931 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion:164 Resp: 36098
Ion Ratio Lower Upper
164 100
166 126.8 104.0 156.0
129 97.2 81.2 121.8
131 90.6 75.8 113.6



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

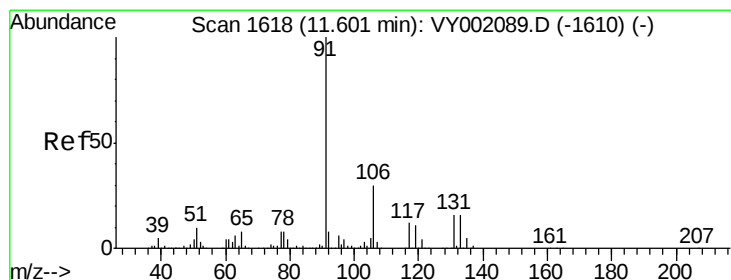
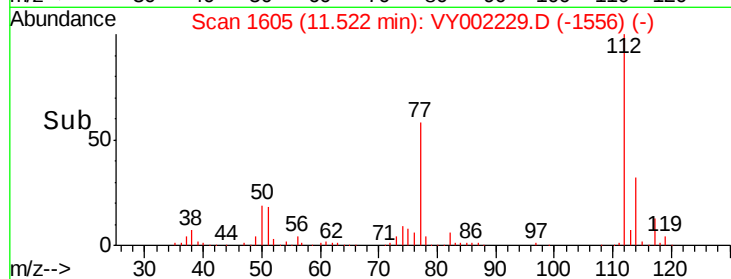
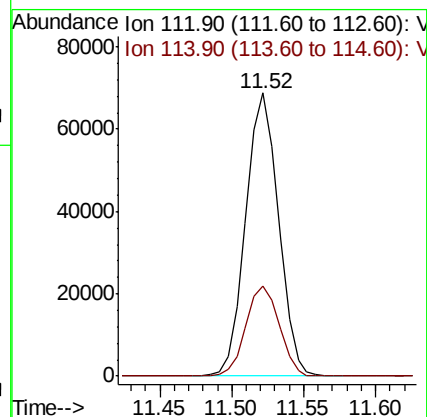
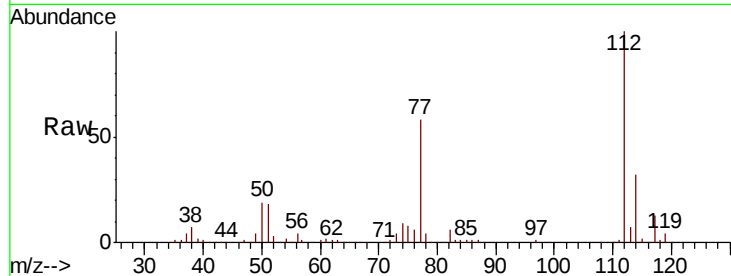




#65
Chlorobenzene
Concen: 20.907 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

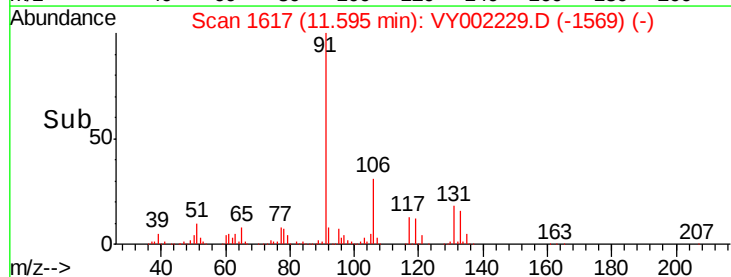
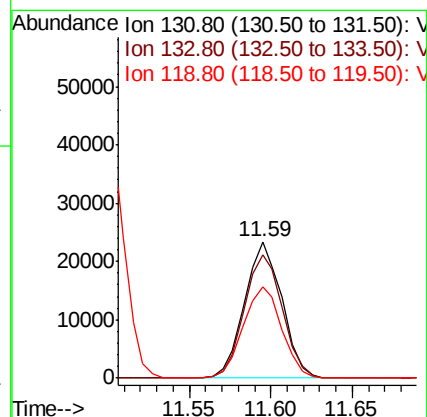
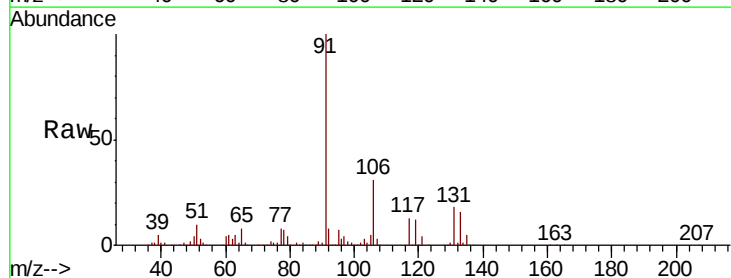
Instrument :
MSVOA_Y
ClientSampleId :

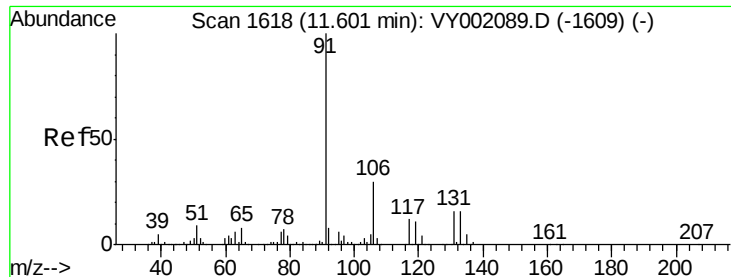
Tot Ion:112 Resp: 108570
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.387 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion:131 Resp: 37157
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.5
119 69.3 34.6 103.9

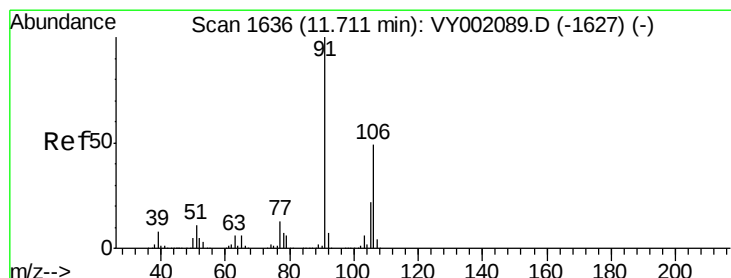
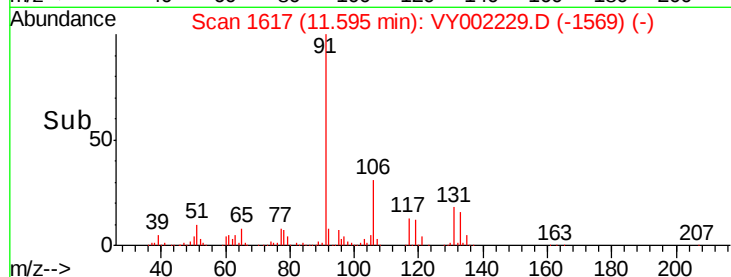
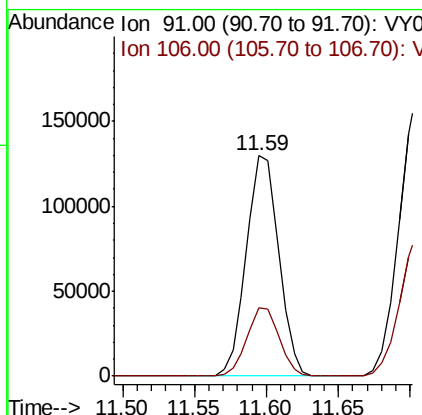
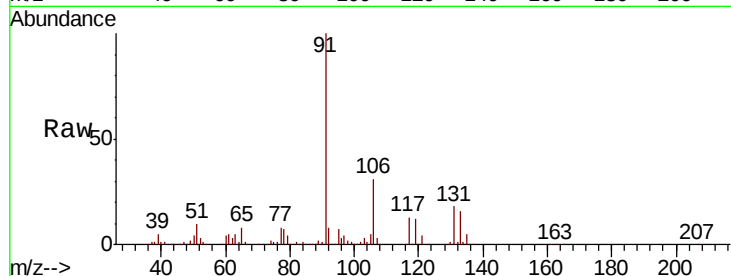




#67
Ethyl Benzene
Concen: 21.005 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

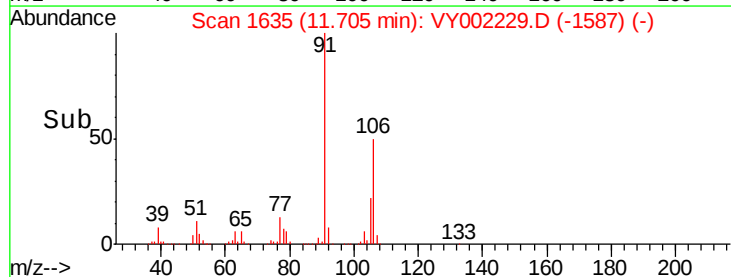
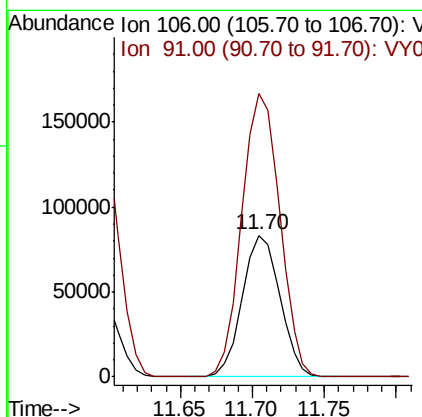
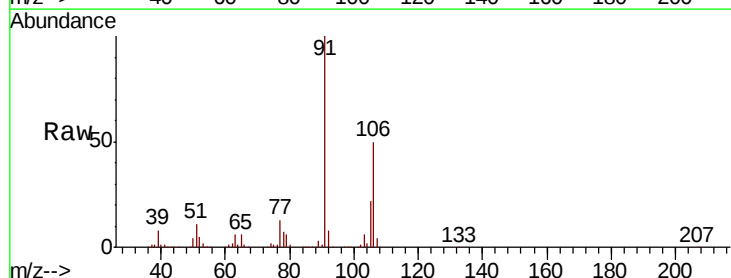
Instrument :
MSVOA_Y
ClientSampled :

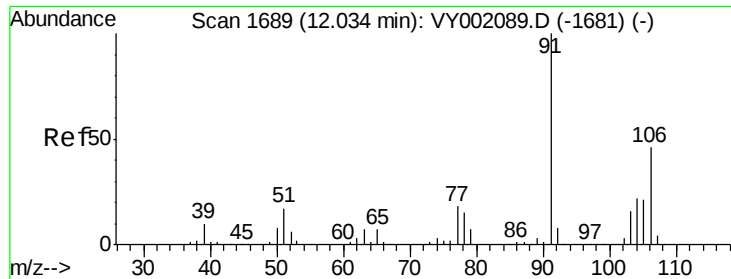
Tot Ion: 91 Resp: 202592
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 42.310 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion: 106 Resp: 150880
Ion Ratio Lower Upper
106 100
91 202.3 162.8 244.2

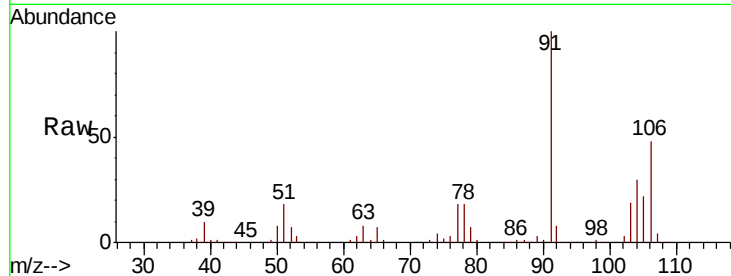




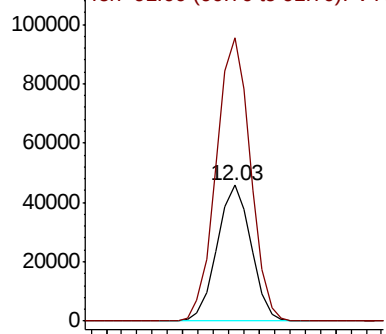
#69
o-Xylene
Concen: 20.962 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampled :

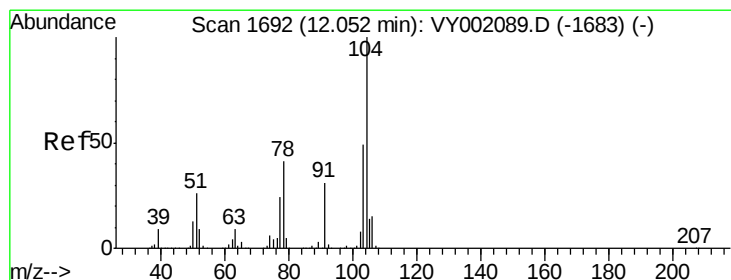
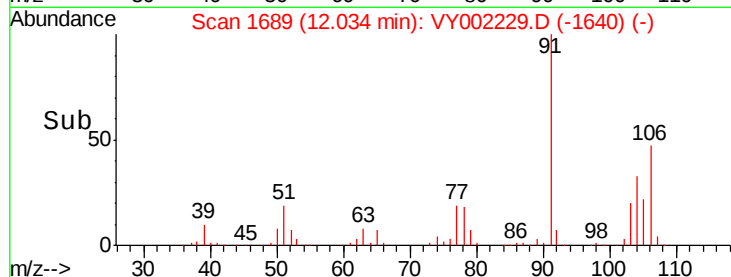
Tot Ion:106 Resp: 70909
Ion Ratio Lower Upper
106 100
91 209.8 107.3 321.8



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

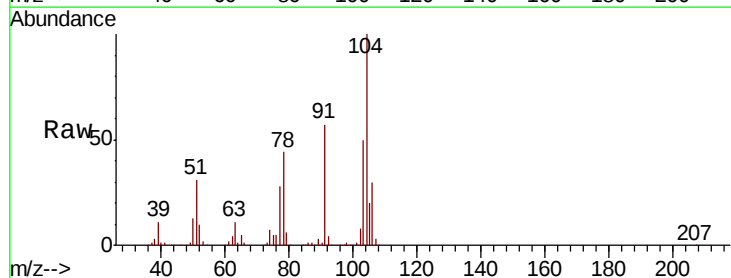


Time-->

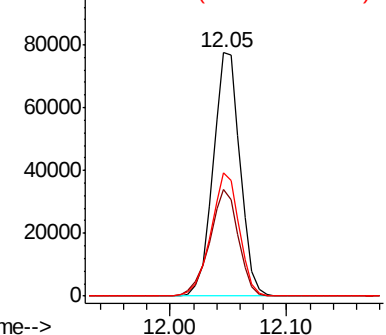


#70
Styrene
Concen: 21.211 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

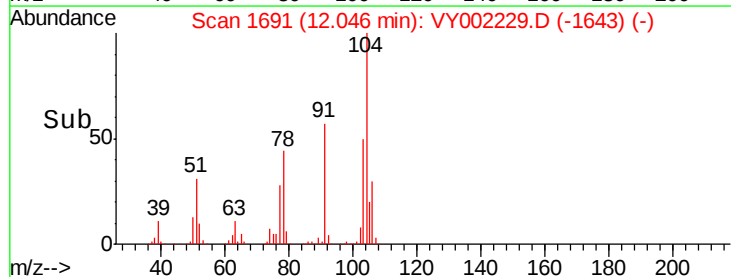
Tgt Ion:104 Resp: 124334
Ion Ratio Lower Upper
104 100
78 46.8 37.9 56.9
103 53.4 43.2 64.8

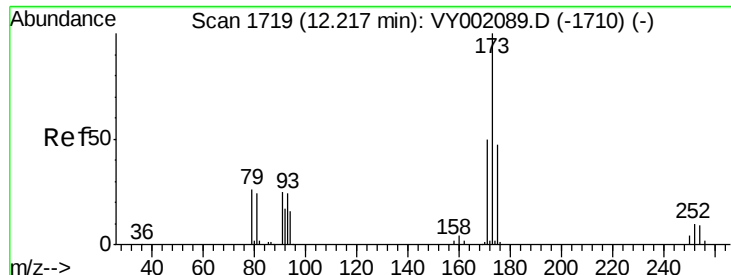


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 20.765 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

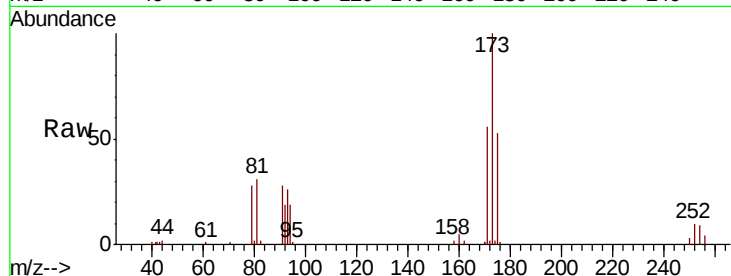
Tot Ion:173 Resp: 19759

Ion Ratio Lower Upper

173 100

175 50.8 23.9 71.8

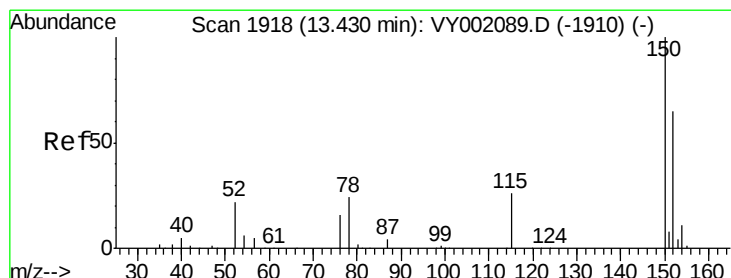
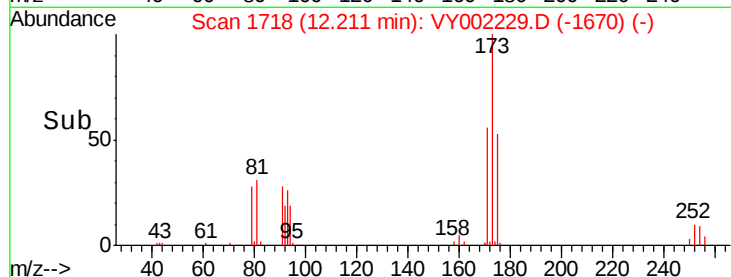
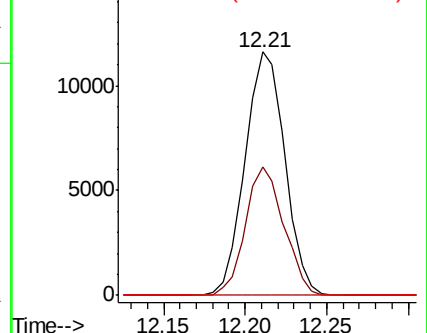
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

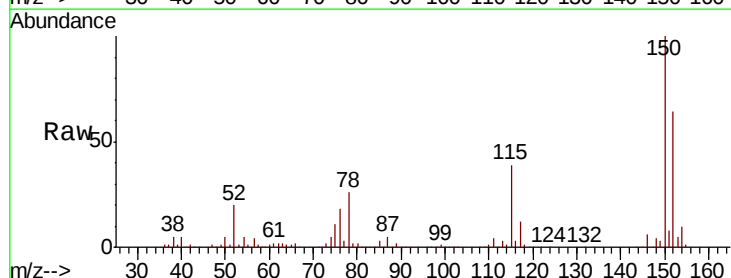
Tgt Ion:152 Resp: 124956

Ion Ratio Lower Upper

152 100

115 61.7 31.2 93.6

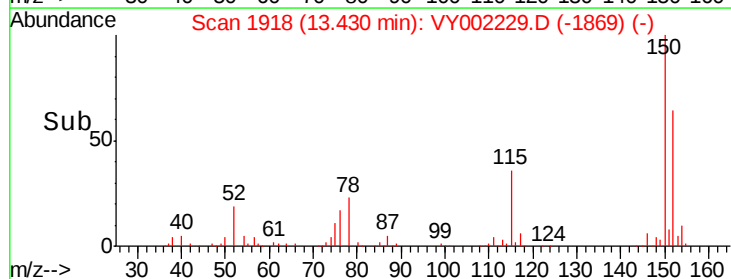
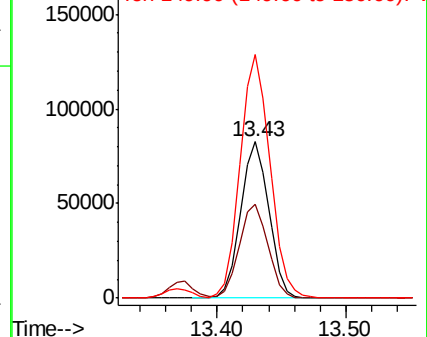
150 165.1 0.0 354.8

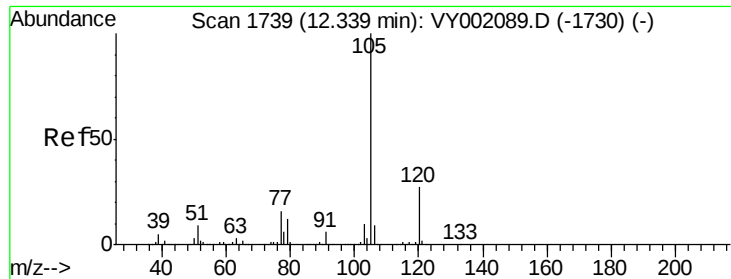


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.551 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

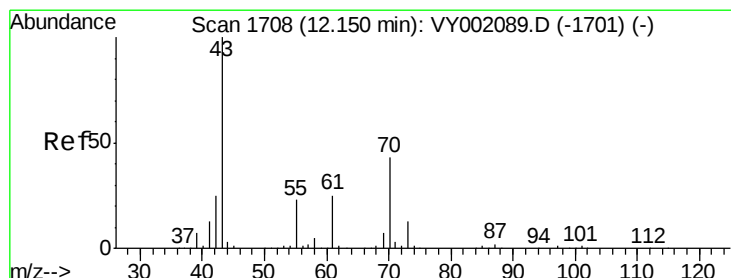
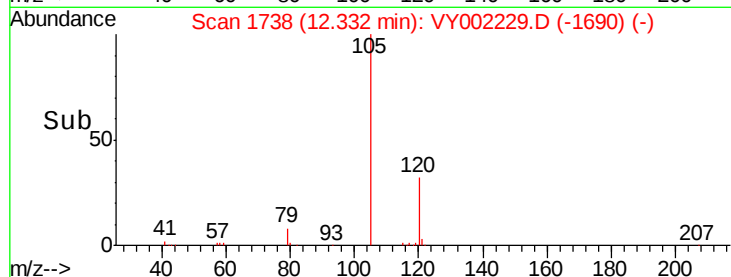
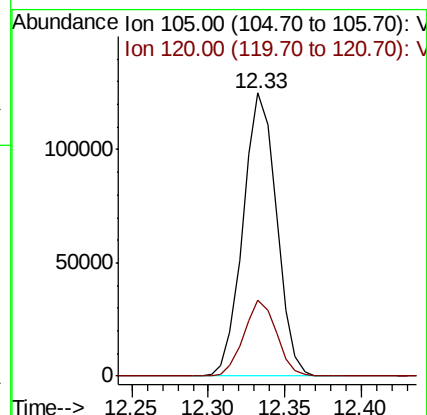
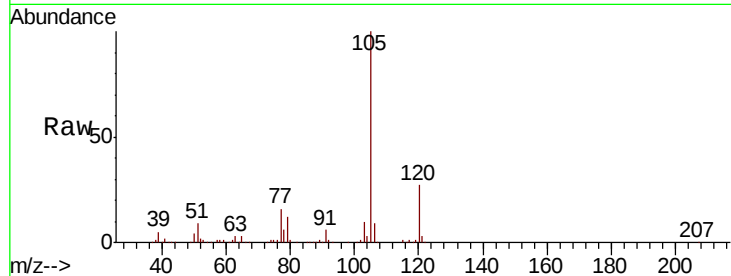
ClientSampled :

Tot Ion:105 Resp: 190492

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.8



#74

N-ethyl acetate

Concen: 19.634 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Tgt Ion: 43 Resp: 57399

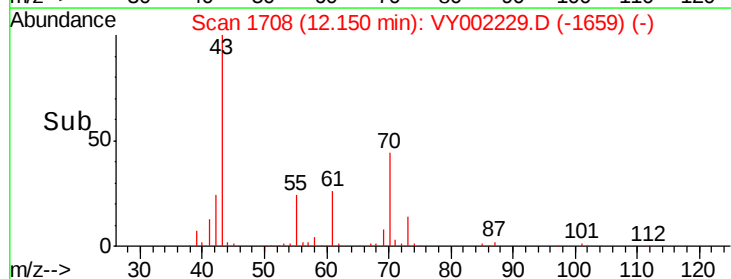
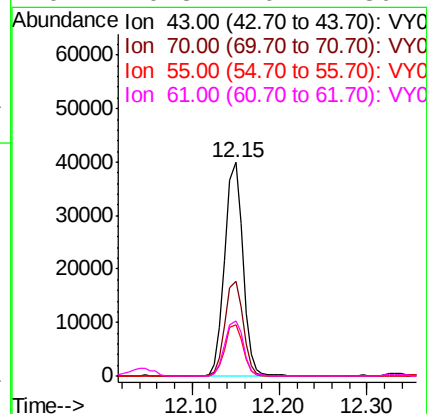
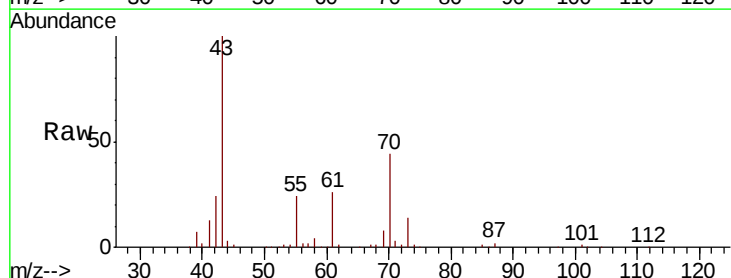
Ion Ratio Lower Upper

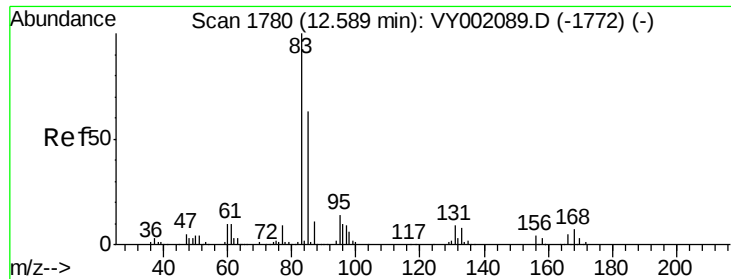
43 100

70 44.4 35.0 52.4

55 24.0 18.7 28.1

61 26.3 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.965 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

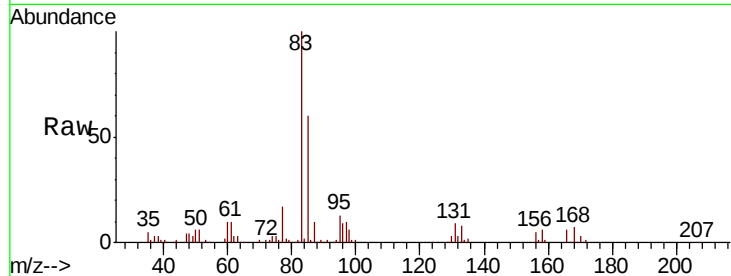
Tot Ion: 83 Resp: 41817

Ion Ratio Lower Upper

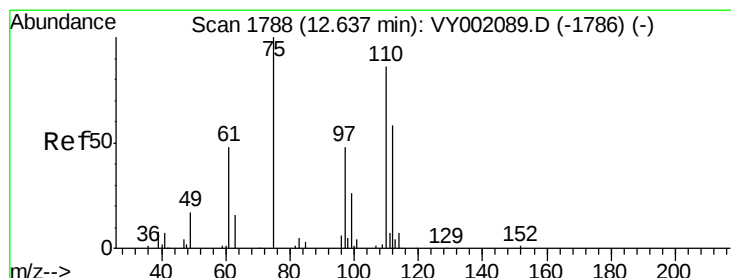
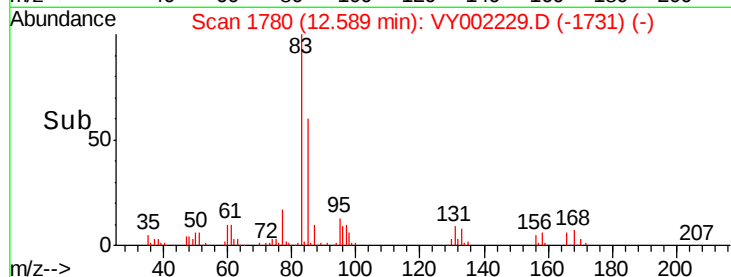
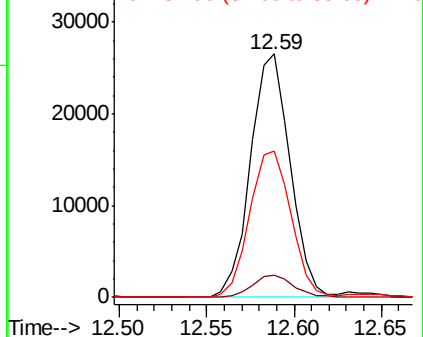
83 100

131 9.6 4.7 14.1

85 63.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.591 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002229.D

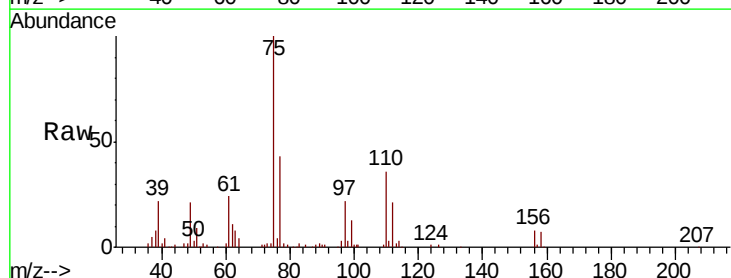
Acq: 06 Apr 2020 12:18

Tgt Ion: 75 Resp: 53941

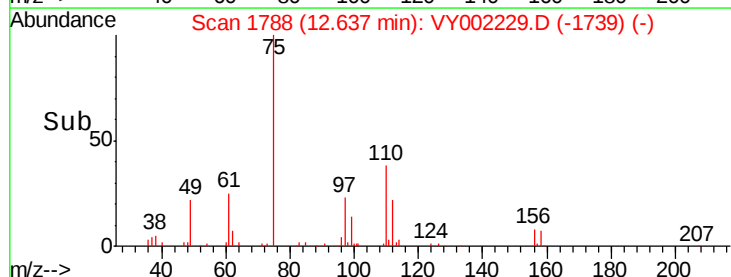
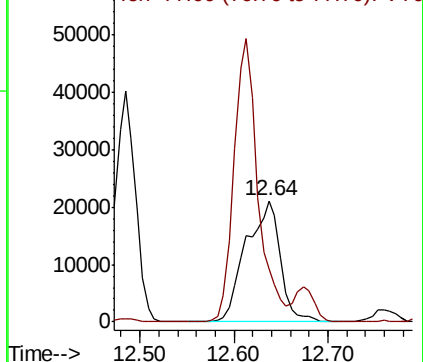
Ion Ratio Lower Upper

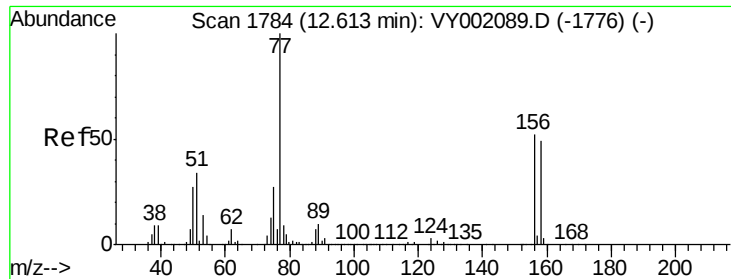
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0

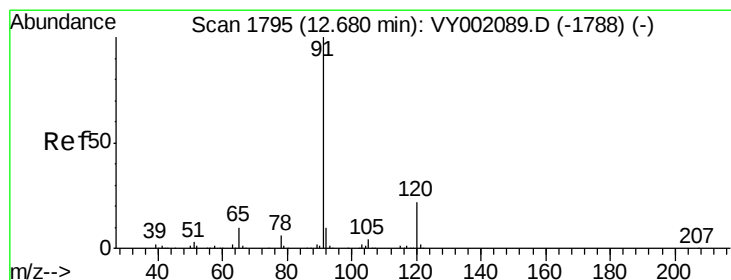
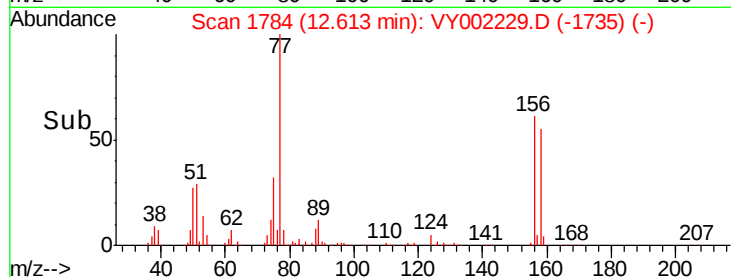
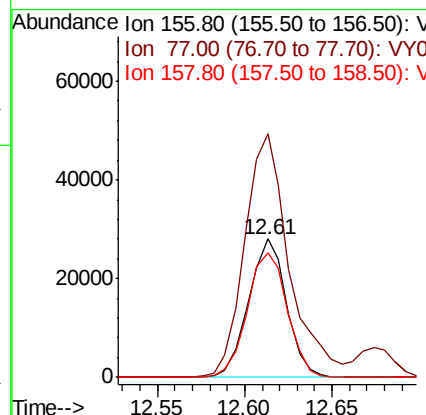
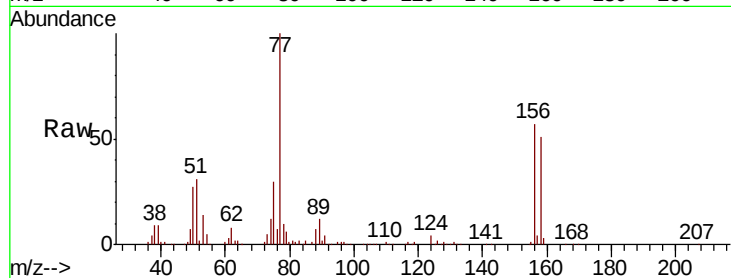




#77
Bromobenzene
Concen: 21.254 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

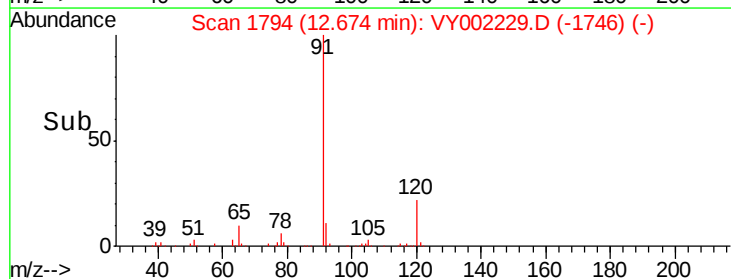
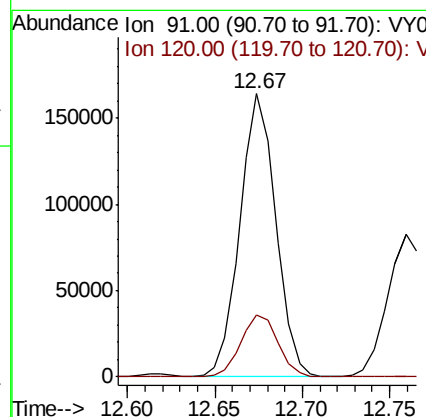
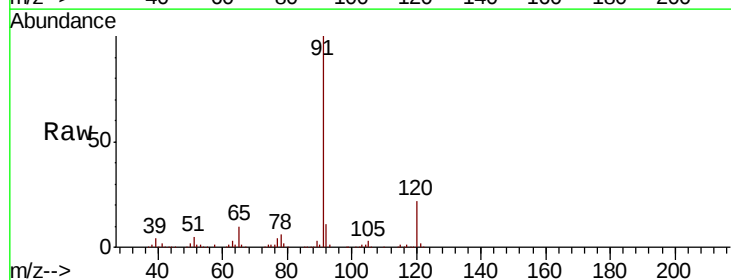
Instrument :
MSVOA_Y
ClientSampled :

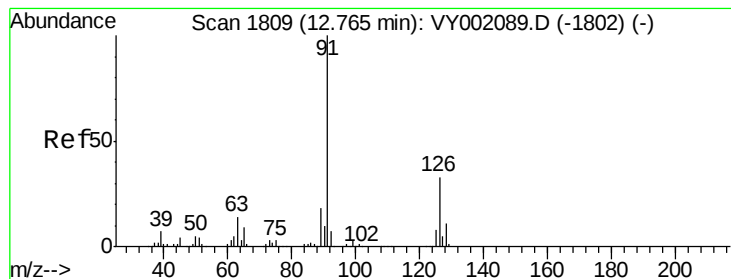
Tot Ion:156 Resp: 42056
Ion Ratio Lower Upper
156 100
77 207.7 107.8 323.6
158 95.1 47.5 142.6



#78
n-propylbenzene
Concen: 20.398 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion: 91 Resp: 234635
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.1





#79

2-Chlorotoluene

Concen: 20.444 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

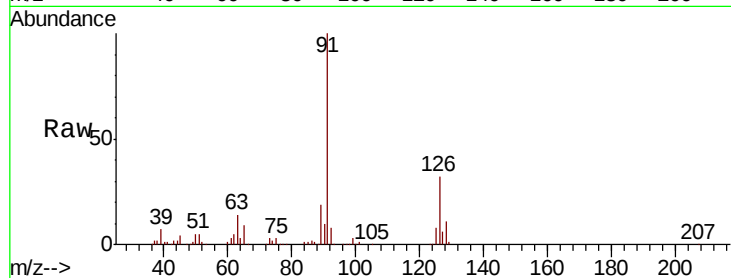
ClientSampled :

Tot Ion: 91 Resp: 129121

Ion Ratio Lower Upper

91 100

126 33.5 16.4 49.1



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

Ion 125.90 (125.60 to 126.60): VY002089.D (-1802) (-)

12.76

80000

60000

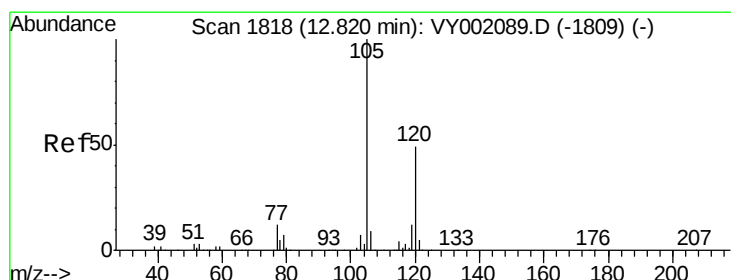
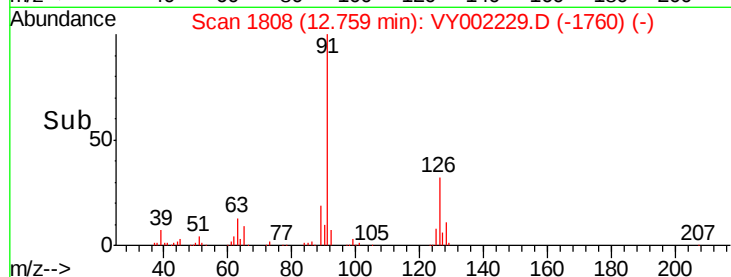
40000

20000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.704 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002229.D

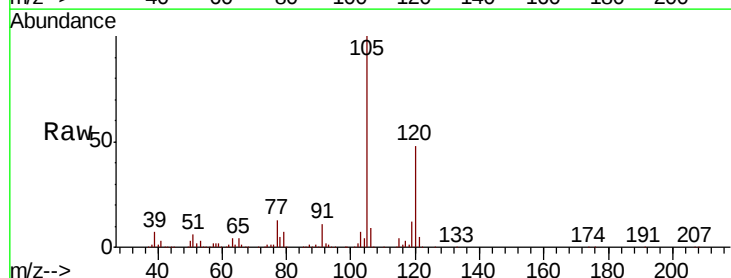
Acq: 06 Apr 2020 12:18

Tgt Ion:105 Resp: 158336

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4



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

Ion 120.00 (119.70 to 120.70): VY002089.D (-1809) (-)

12.81

120000

100000

80000

60000

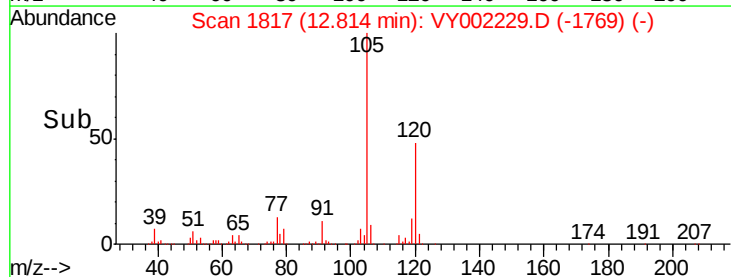
40000

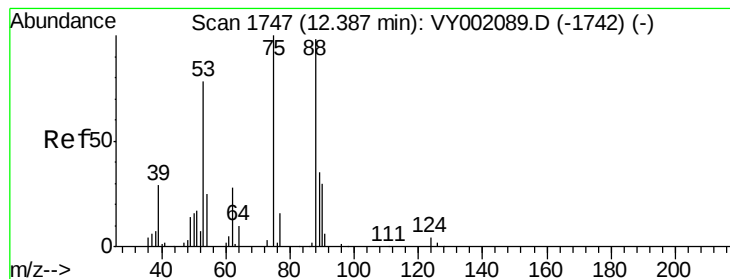
20000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.850 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

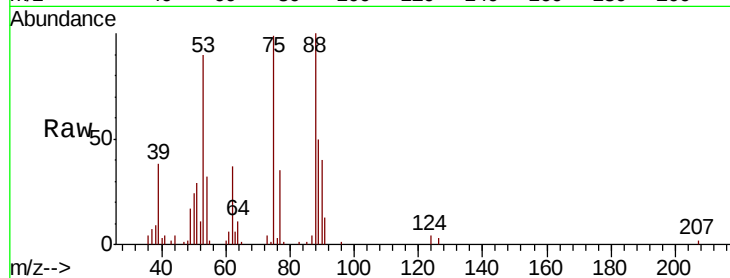
Tot Ion: 75 Resp: 14321

Ion Ratio Lower Upper

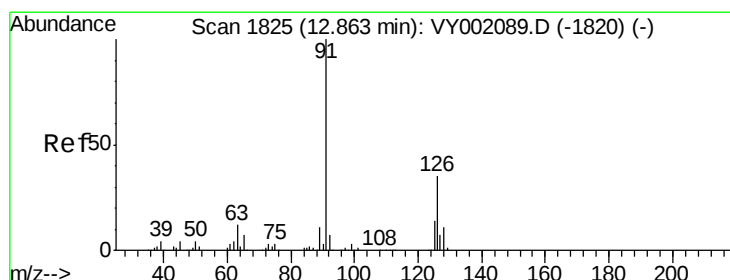
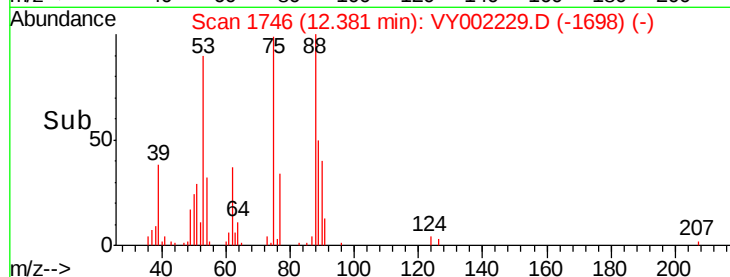
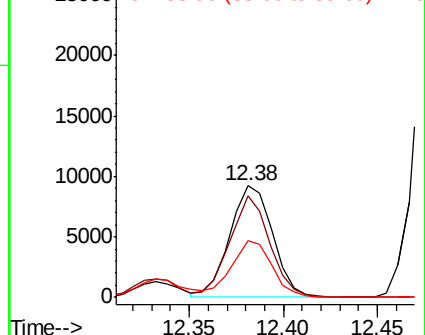
75 100

53 86.9 65.0 97.4

89 48.9 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.312 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002229.D

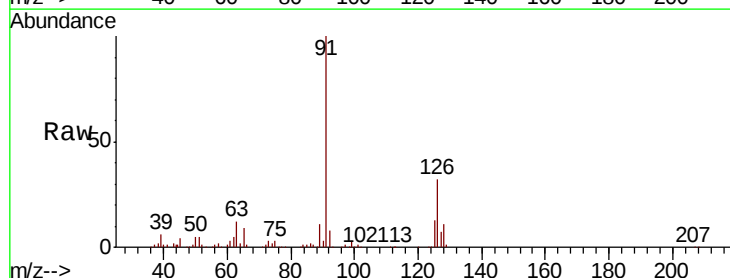
Acq: 06 Apr 2020 12:18

Tgt Ion: 91 Resp: 135186

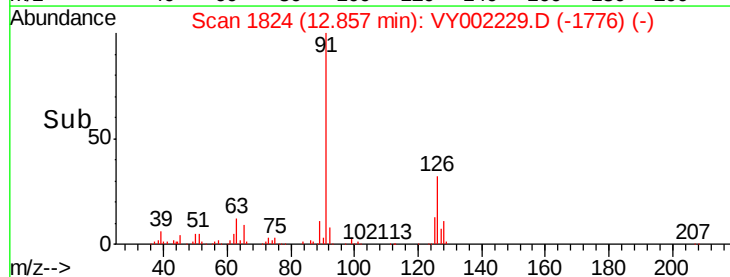
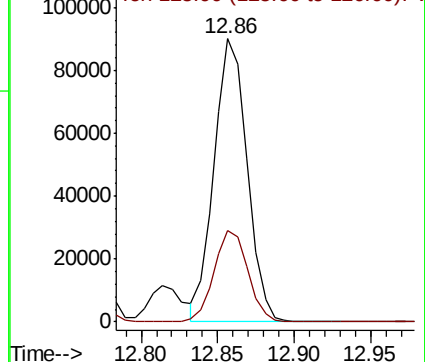
Ion Ratio Lower Upper

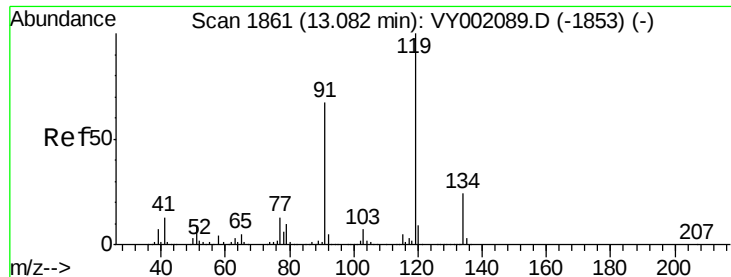
91 100

126 33.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

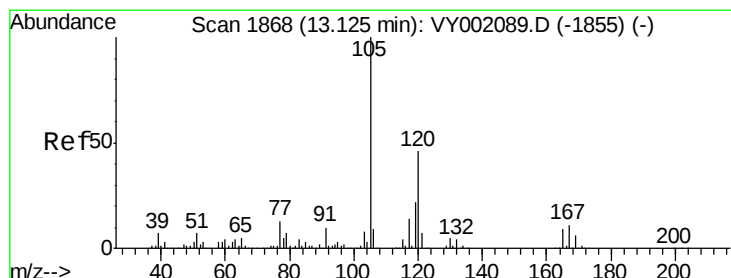
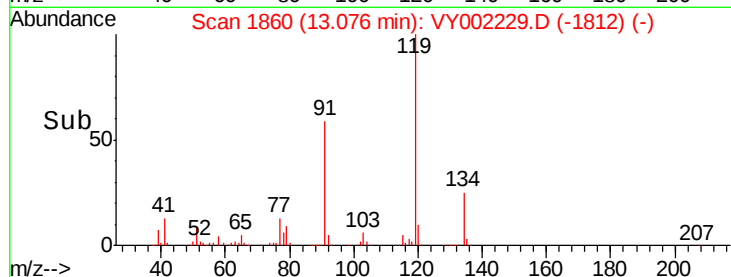
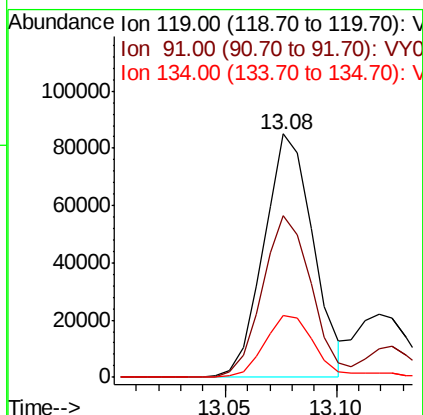
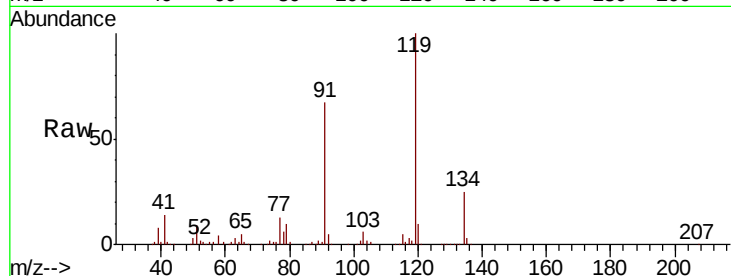




#83
tert-Butylbenzene
Concen: 20.452 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

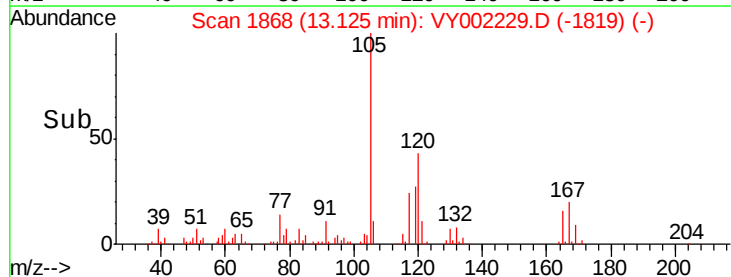
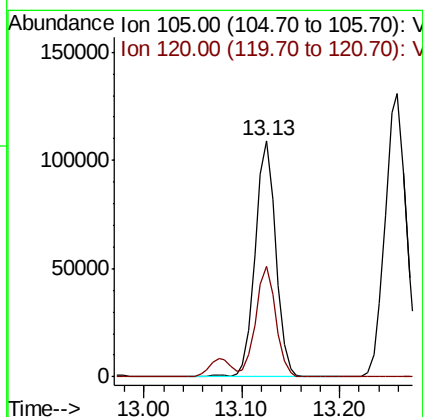
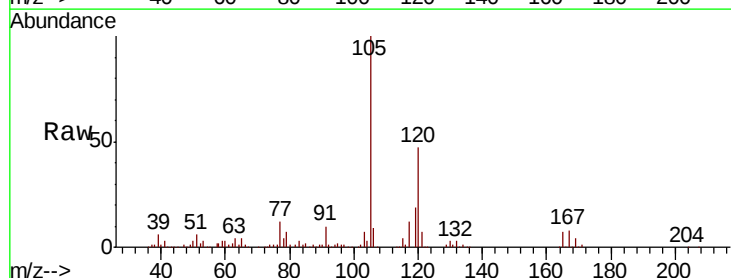
Instrument :
MSVOA_Y
ClientSampleId :

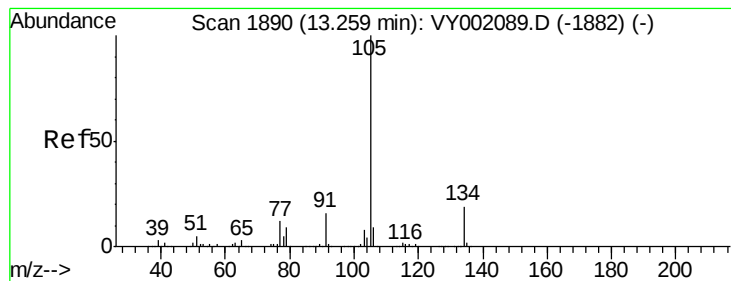
Tot Ion:119 Resp: 130553
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.6
134 26.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.838 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion:105 Resp: 158998
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.627 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

Instrument :

MSVOA_Y

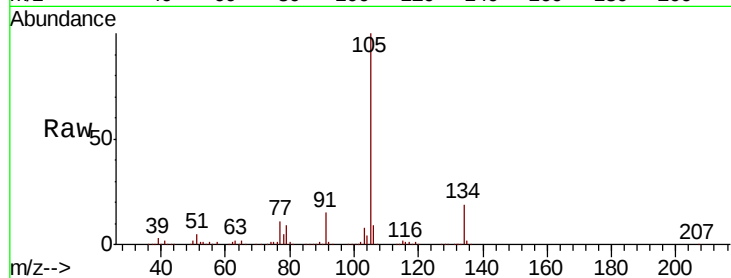
ClientSampled :

Tot Ion:105 Resp: 195028

Ion Ratio Lower Upper

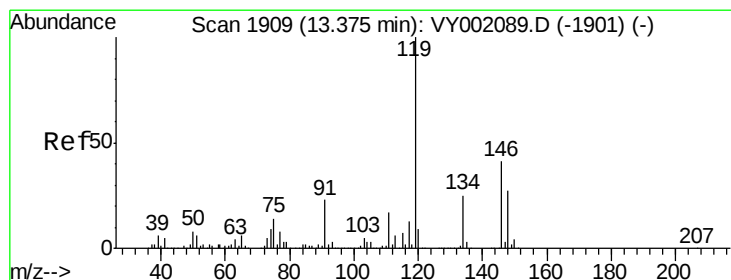
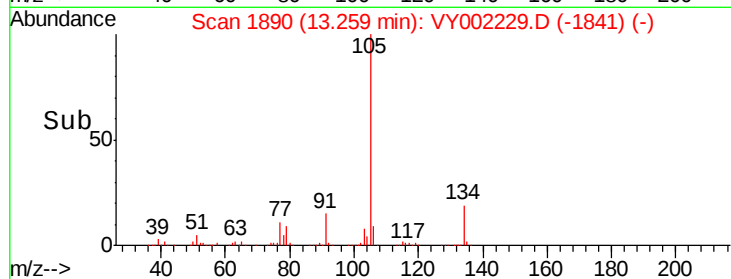
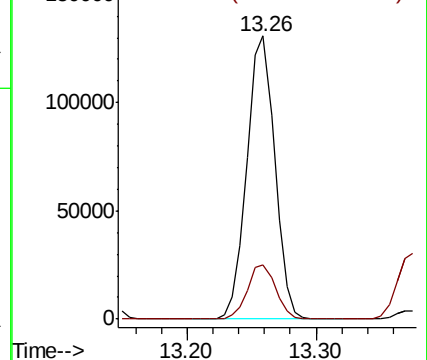
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.726 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002229.D

Acq: 06 Apr 2020 12:18

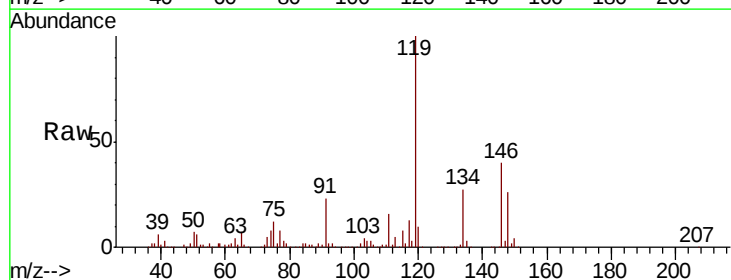
Tgt Ion:119 Resp: 168282

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

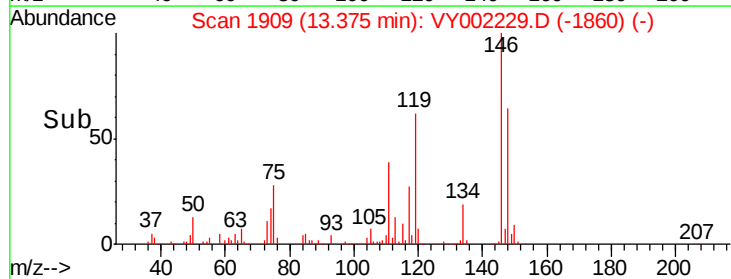
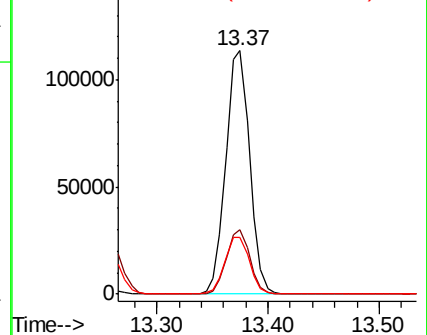
91 24.1 11.8 35.3

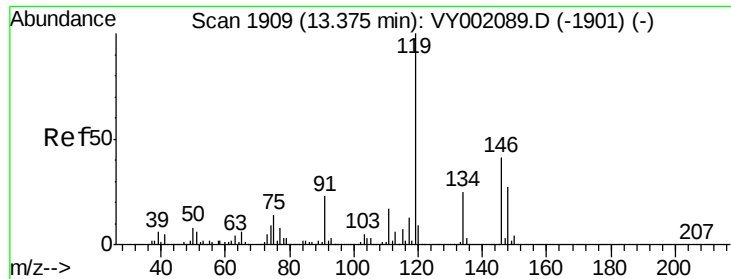


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

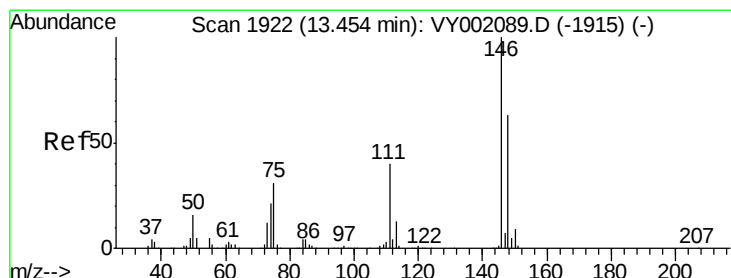
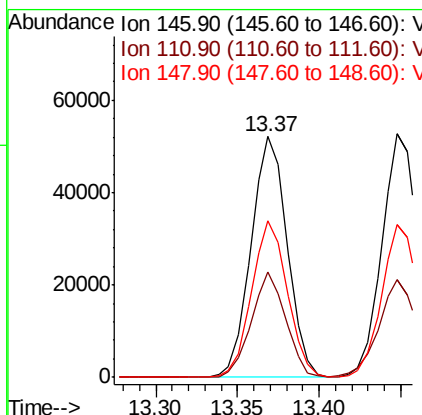
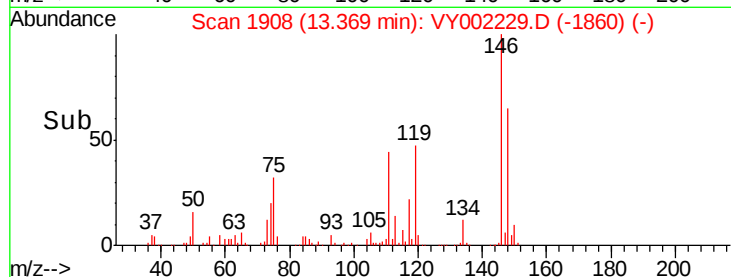
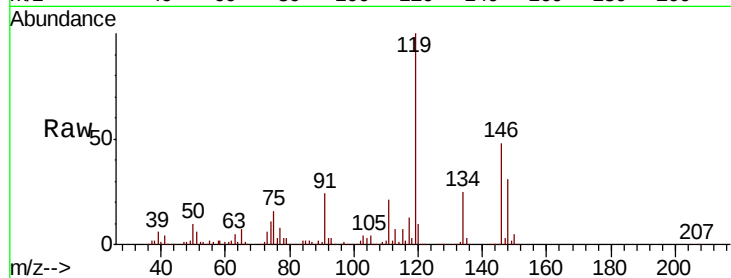




#87
 1,3-Dichlorobenzene
 Concen: 20.758 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

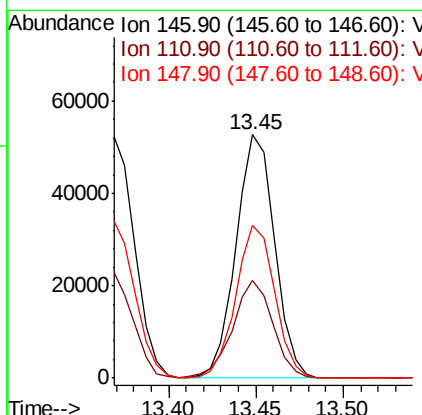
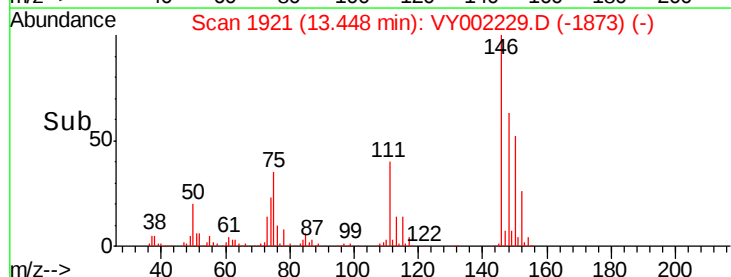
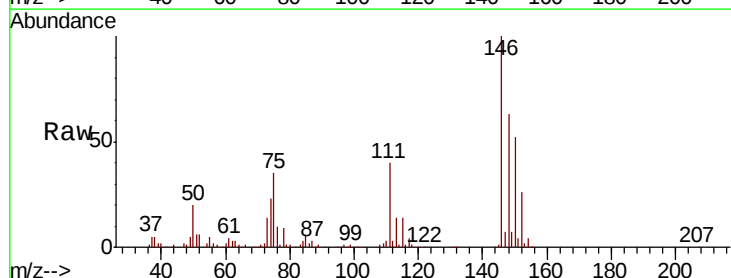
Instrument :
 MSVOA_Y
 ClientSampleId :

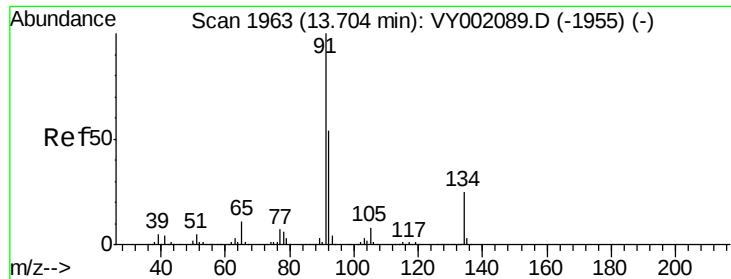
Tot Ion:146 Resp: 80353
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.9 62.8
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.835 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion:146 Resp: 81159
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 60.9
 148 63.1 31.5 94.5

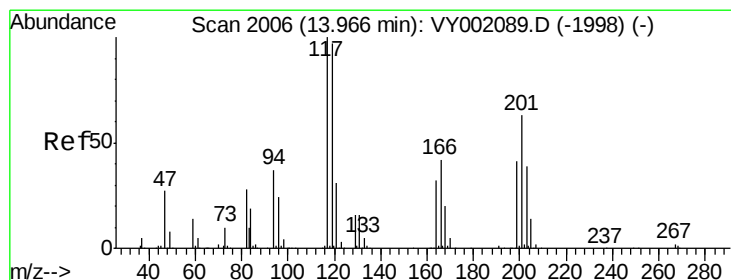
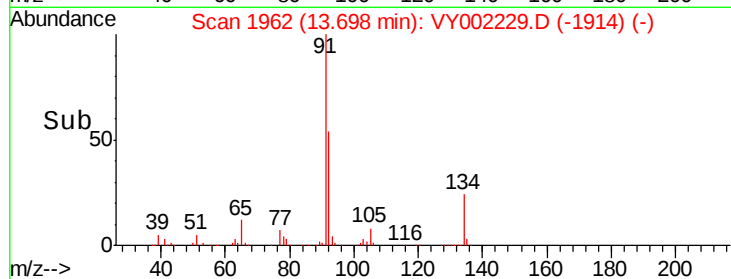
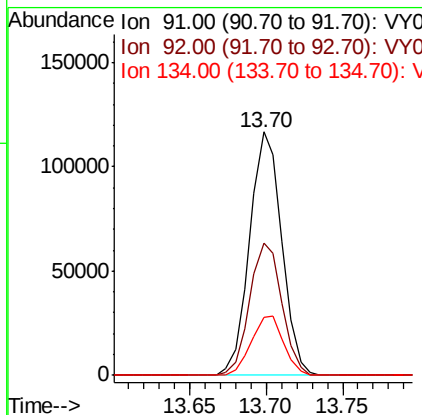
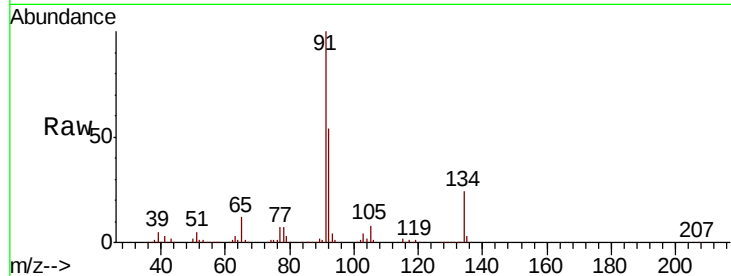




#89
n-Butylbenzene
Concen: 20.170 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

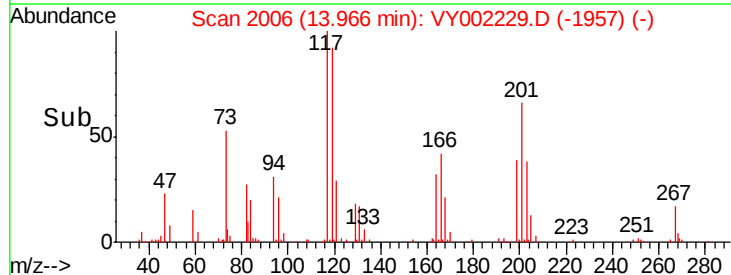
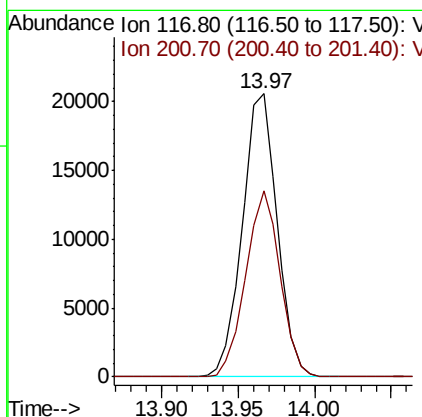
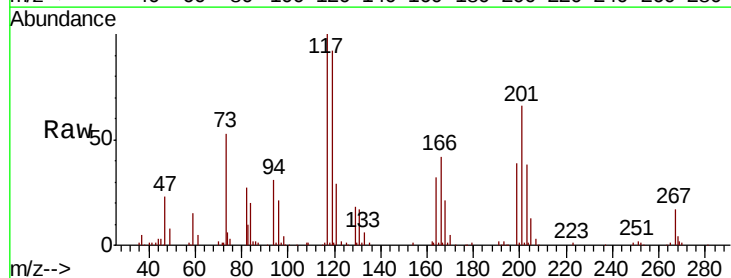
Instrument :
MSVOA_Y
ClientSampled :

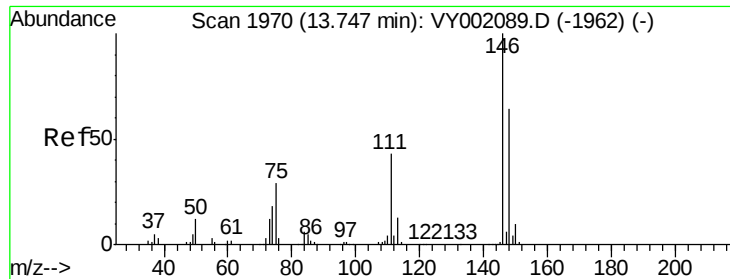
Tot Ion: 91 Resp: 170637
Ion Ratio Lower Upper
91 100
92 54.5 27.0 81.0
134 24.8 12.3 36.8



#90
Hexachloroethane
Concen: 21.270 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion: 117 Resp: 32543
Ion Ratio Lower Upper
117 100
201 64.9 31.6 94.8

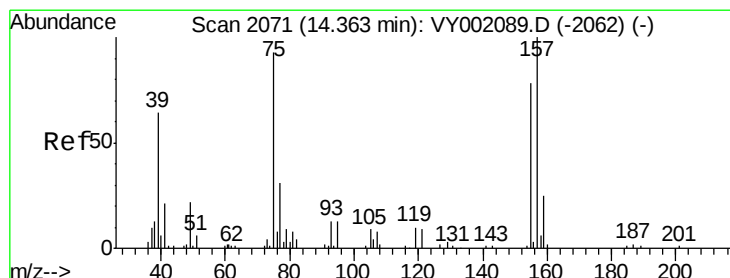
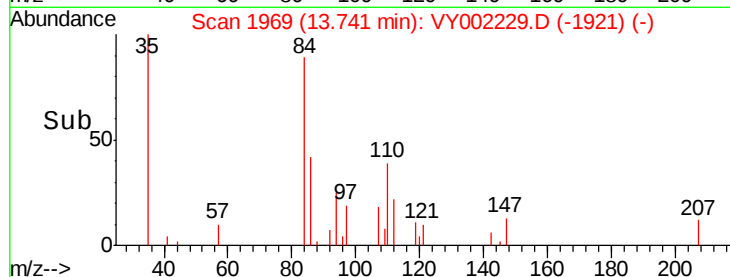
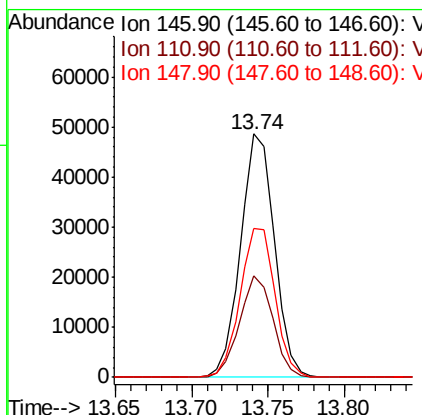
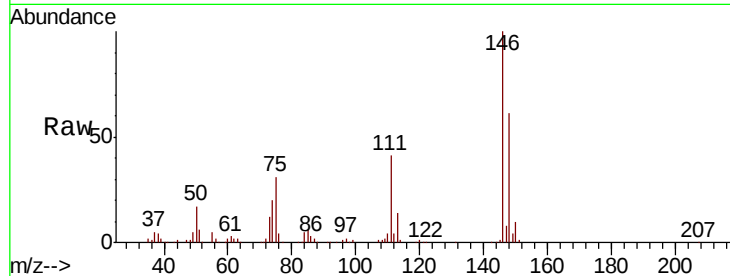




#91
 1,2-Dichlorobenzene
 Concen: 20.898 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

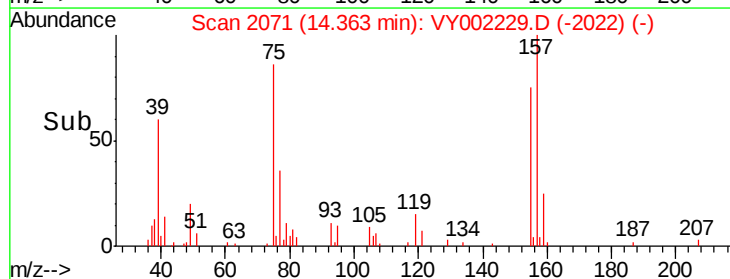
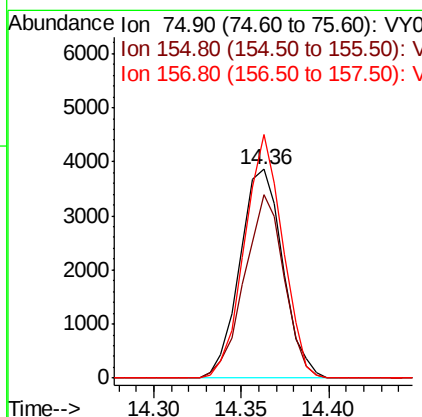
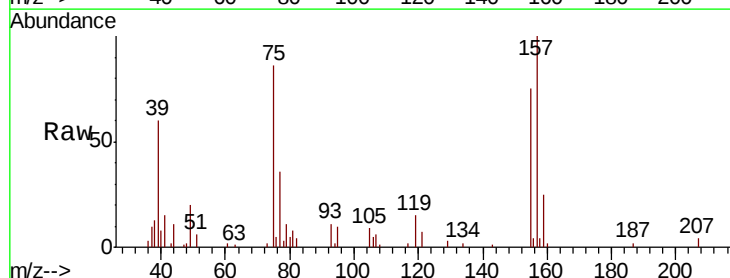
Instrument :
 MSVOA_Y
 ClientSampleId :

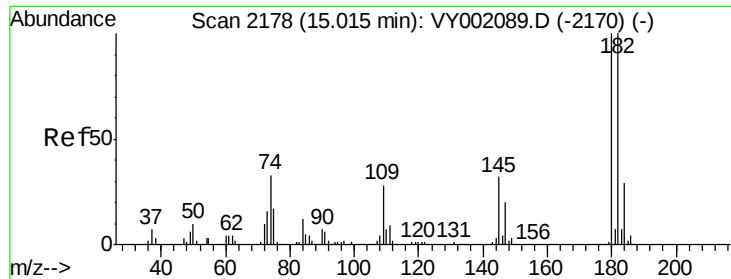
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	63.7
148	63.0	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.707 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	41.6	124.9
157	103.5	53.4	160.3

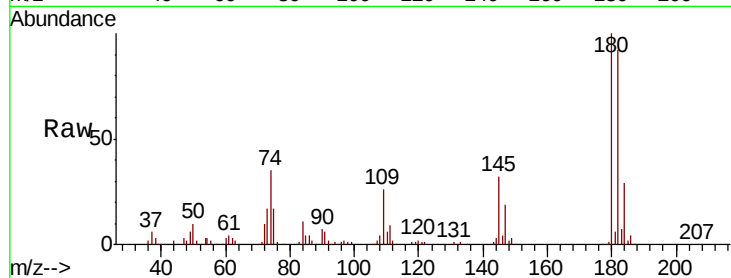




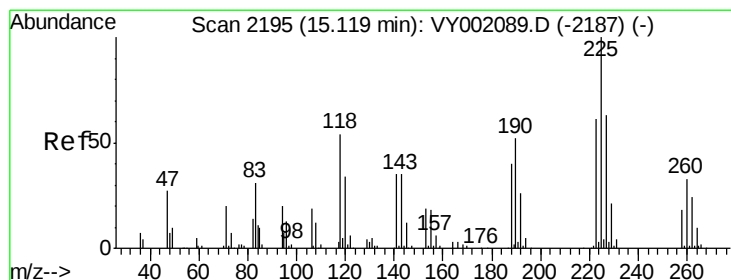
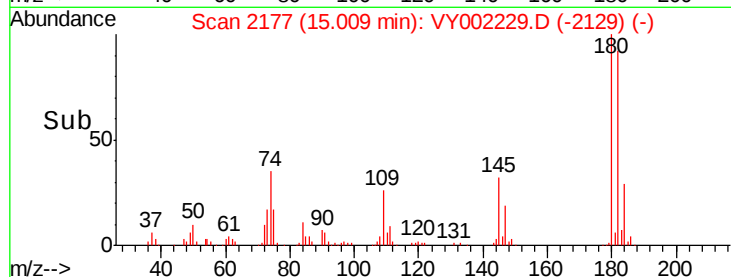
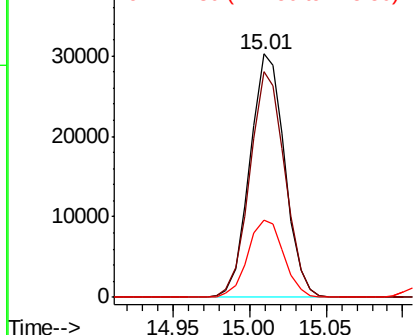
#93
 1,2,4-Trichlorobenzene
 Concen: 20.782 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.1	144.3
145	32.6	15.9	47.6

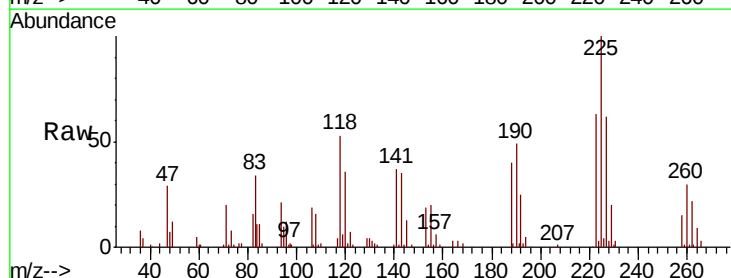


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

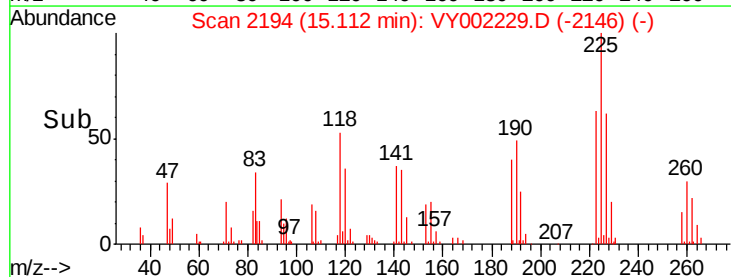
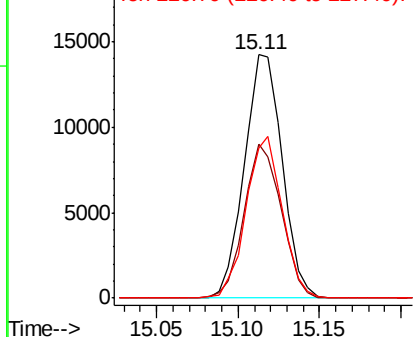


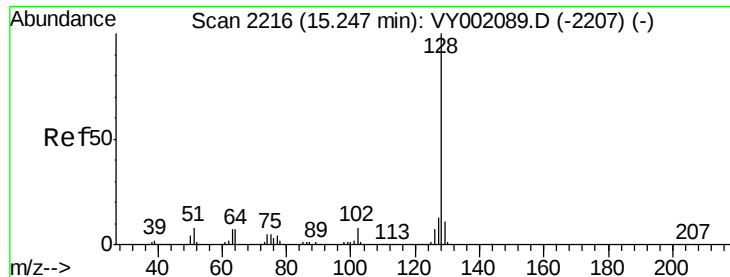
#94
 Hexachlorobutadiene
 Concen: 20.262 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002229.D
 Acq: 06 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.3
227	63.5	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

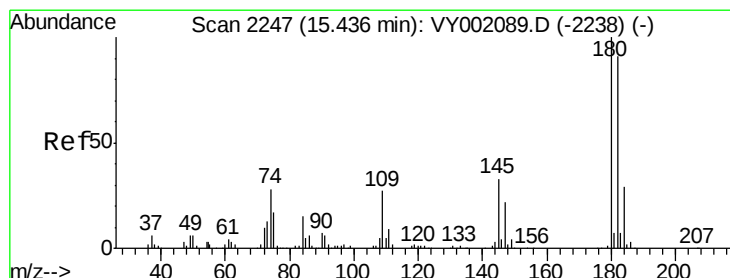
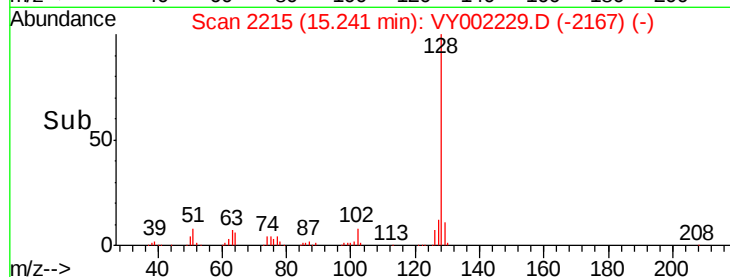
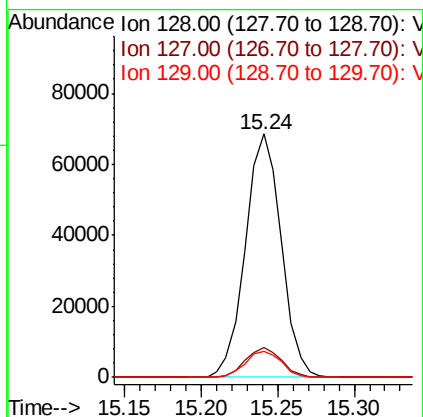
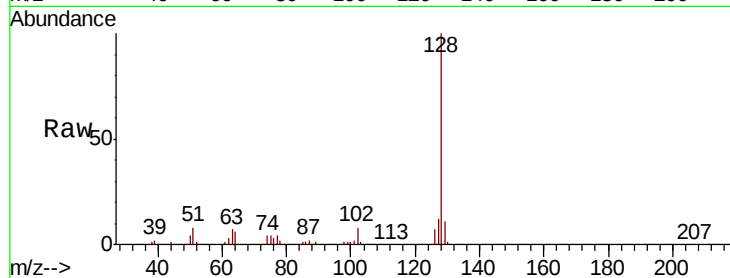




#95
Naphthalene
Concen: 20.409 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 111690
Ion Ratio Lower Upper
128 100
127 12.4 9.8 14.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.713 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002229.D
Acq: 06 Apr 2020 12:18

Tgt Ion:180 Resp: 41189
Ion Ratio Lower Upper
180 100
182 97.3 46.8 140.3
145 32.1 16.7 50.1

