

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002379.D
 Acq On : 16 Apr 2020 19:44
 Operator : SY/MD
 Sample : L2271-06MSD
 Misc : 3.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:07:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	91041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	149895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	99554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	25592	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	52535	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
35) Dibromofluoromethane	7.74	113	56437	63.28	ug/l	0.00
Spiked Amount			Recovery	=	126.56%	
50) Toluene-d8	10.19	98	188910	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.49	95	36540	29.67	ug/l	0.00
Spiked Amount			Recovery	=	59.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	52883	57.474	ug/l	99
3) Chloromethane	2.12	50	69002	59.586	ug/l	99
4) Vinyl Chloride	2.26	62	71037	57.633	ug/l	100
5) Bromomethane	2.66	94	41438	54.441	ug/l	96
6) Chloroethane	2.80	64	43642	61.394	ug/l	98
7) Trichlorofluoromethane	3.14	101	89782	56.403	ug/l	98
8) Diethyl Ether	3.54	74	47734	70.539	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	57553	53.227	ug/l	99
10) Methyl Iodide	4.11	142	57339	45.621	ug/l	97
11) Tert butyl alcohol	4.98	59	39765	387.063	ug/l	100
12) 1,1-Dichloroethene	3.89	96	61183	55.657	ug/l	95
14) Allvl chloride	4.50	41	91884	51.761	ug/l	95
15) Acrylonitrile	5.19	53	87085	251.652	ug/l	98
16) Acetone	3.97	43	66384	248.947	ug/l	91
17) Carbon Disulfide	4.21	76	163489	44.781	ug/l	100
18) Methyl Acetate	4.50	43	158565	191.707	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	201327	69.663	ug/l	100
20) Methylene Chloride	4.74	84	81940	62.518	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	63056	51.103	ug/l	98
22) Diisopropyl ether	6.14	45	234858	65.742	ug/l #	89
23) Vinyl Acetate	6.14	43	108396	47.614	ug/l #	71
24) 1,1-Dichloroethane	6.04	63	125412	61.719	ug/l	98
25) 2-Butanone	7.01	43	104654	247.994	ug/l	95
26) 2,2-Dichloropropane	7.00	77	91784	53.998	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	72732	54.073	ug/l	97
28) Bromochloromethane	7.36	49	45615	52.003	ug/l	92
29) Tetrahydrofuran	7.36	42	84055	301.323	ug/l	95
30) Chloroform	7.52	83	114923	59.998	ug/l	94
31) Cyclohexane	7.80	56	87886	41.204	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	91634	57.476	ug/l	100
36) 1,1-Dichloropropene	7.94	75	74544	50.489	ug/l	98
37) Ethyl Acetate	7.10	43	4149	4.919	ug/l #	77
38) Carbon Tetrachloride	7.92	117	71843	56.887	ug/l	98
39) Methylcyclohexane	9.19	83	66633	33.177	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.17	78	270162	60.310	ug/l	99
41) Methacrylonitrile	7.36	41	63028	126.672	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	64948	58.530	ug/l	96
43) Isopropyl Acetate	8.29	43	18051	11.734	ug/l #	61
44) Trichloroethene	8.96	130	65236	49.534	ug/l	95
45) 1,2-Dichloropropane	9.23	63	71262	64.116	ug/l	97
46) Dibromomethane	9.32	93	33369	57.421	ug/l	98
47) Bromodichloromethane	9.51	83	80848	60.632	ug/l	97
48) Methyl methacrylate	9.30	41	39007	56.552	ug/l	93
49) 1,4-Dioxane	9.31	88	12199	1483.987	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	202732	252.917	ug/l	97
52) Toluene	10.25	92	139461	51.660	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	64696	44.531	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	81536	46.682	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	51466	60.491	ug/l	98
56) Ethyl methacrylate	10.52	69	5529	4.553	ug/l #	77
57) 1,3-Dichloropropane	10.80	76	86382	57.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	144803	230.276	ug/l	99
59) 2-Hexanone	10.84	43	104087	187.101	ug/l	95
60) Dibromochloromethane	11.00	129	49250	54.287	ug/l	99
61) 1,2-Dibromoethane	11.10	107	41522	51.264	ug/l	99
64) Tetrachloroethene	10.73	164	59325	58.941	ug/l	96
65) Chlorobenzene	11.53	112	110562	53.426	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	52162	76.344	ug/l	98
67) Ethyl Benzene	11.60	91	218383	57.644	ug/l	99
68) m/p-Xylenes	11.71	106	154127	108.620	ug/l	98
69) o-Xylene	12.04	106	79129	59.399	ug/l	99
70) Stvrene	12.05	104	100624	43.537	ug/l	97
71) Bromoform	12.22	173	24162	65.029	ug/l #	100
73) Isopropylbenzene	12.34	105	193391	96.189	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	32829	134.961	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	57662	194.031	ug/l #	100
77) Bromobenzene	12.62	156	34119	77.134	ug/l	94
78) n-propylbenzene	12.68	91	179774	71.895	ug/l	99
79) 2-Chlorotoluene	12.77	91	99726	73.387	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	132198	79.505	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13096	85.711	ug/l	98
82) 4-Chlorotoluene	12.86	91	87826	61.664	ug/l	100
83) tert-Butylbenzene	13.08	119	111914	80.353	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	120429	72.530	ug/l	98
85) sec-Butylbenzene	13.27	105	124799	60.150	ug/l	100
86) p-Isopropyltoluene	13.38	119	38978	21.828	ug/l	95
87) 1,3-Dichlorobenzene	13.38	146	44217	51.580	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	44194	50.787	ug/l	99
89) n-Butylbenzene	13.70	91	65345	35.700	ug/l	99
90) Hexachloroethane	13.97	117	21558	63.354	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	43078	55.302	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5513	93.709	ug/l	92
93) 1,2,4-Trichlorobenzene	15.02	180	13089	25.707	ug/l	98
94) Hexachlorobutadiene	15.12	225	6102	23.795	ug/l	97

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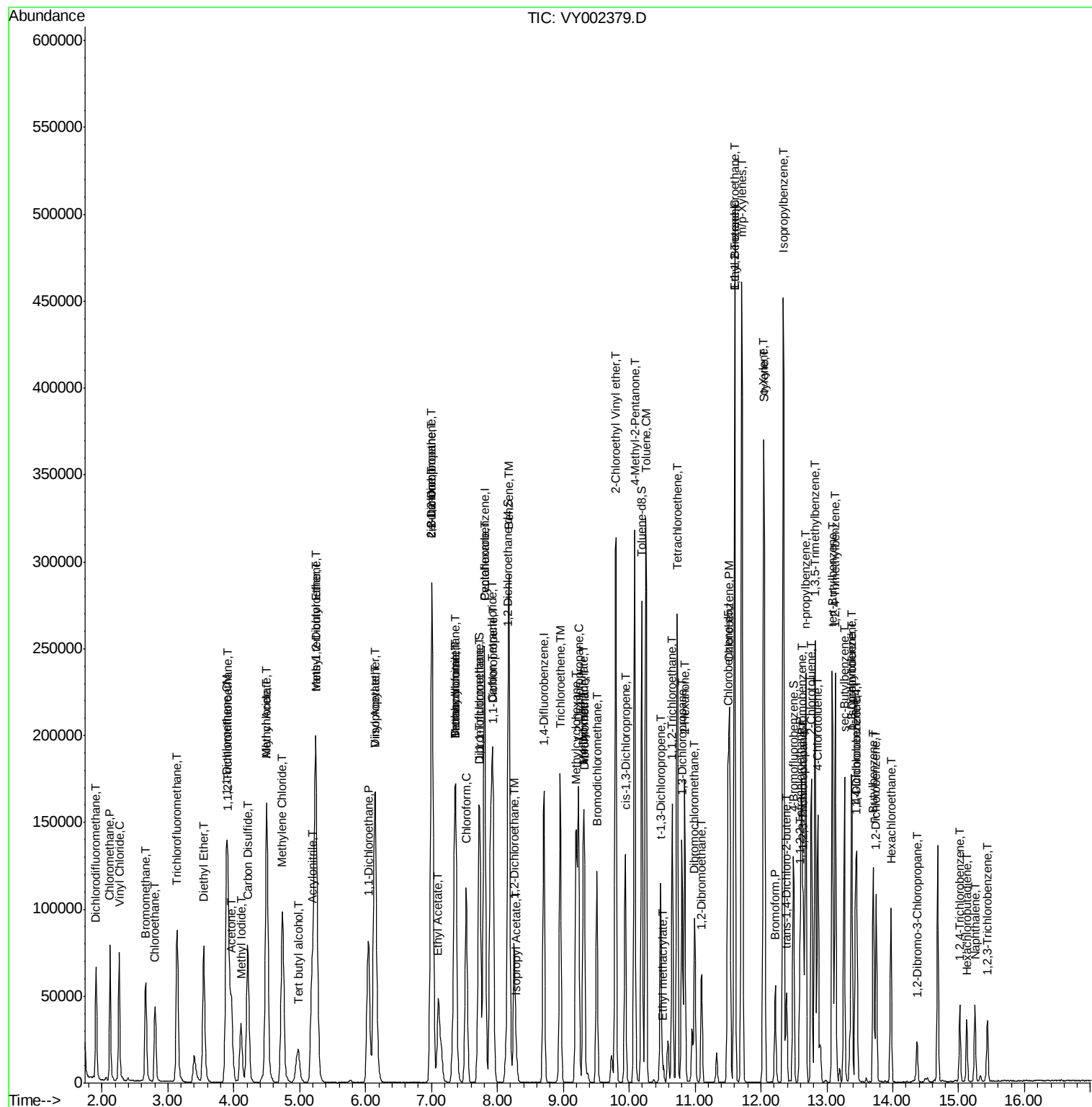
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.25	128	36642	32.868	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	11430	25.854	ug/l	96

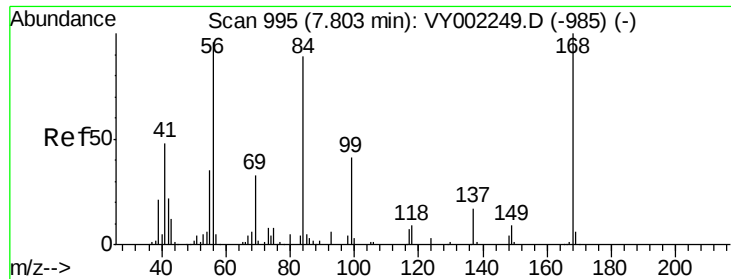
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

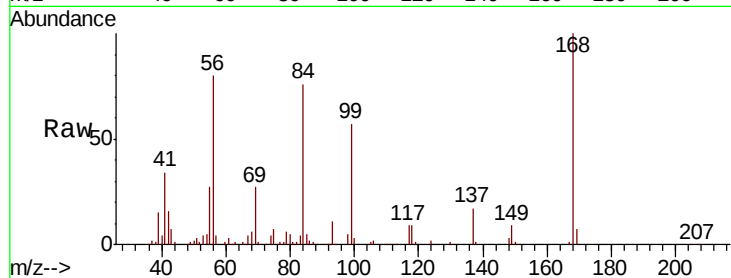
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 91041

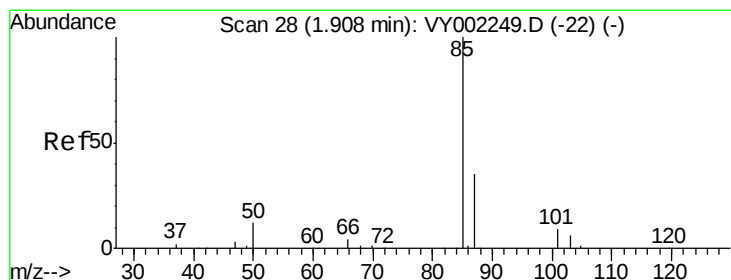
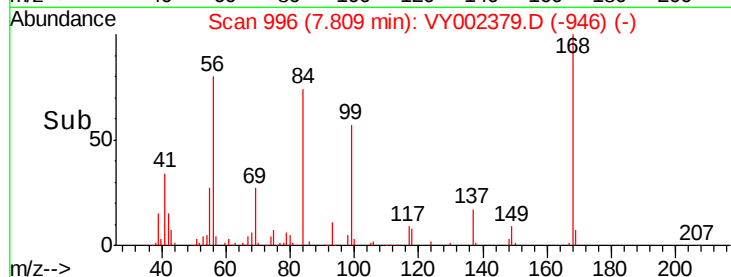
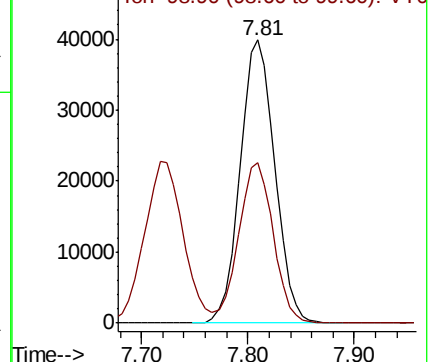
Ion Ratio Lower Upper

168 100

99 56.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002379.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 57.474 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002379.D

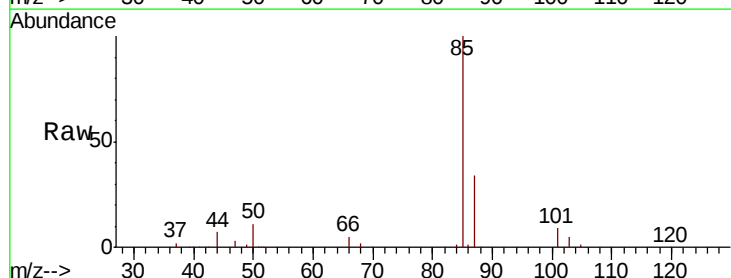
Acq: 16 Apr 2020 19:44

Tgt Ion: 85 Resp: 52883

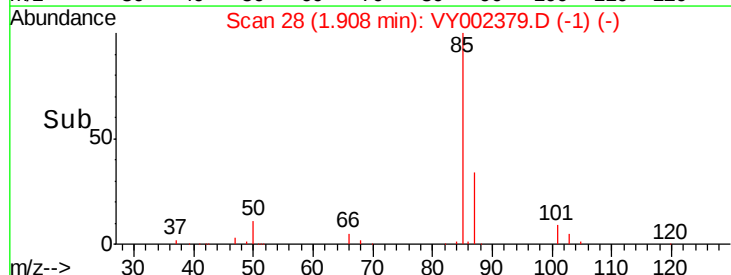
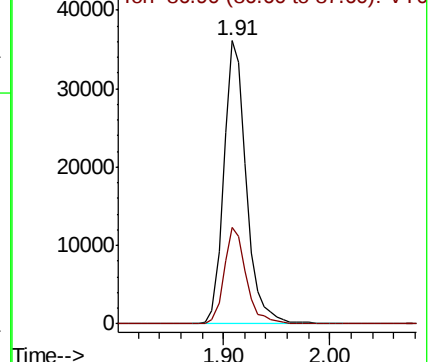
Ion Ratio Lower Upper

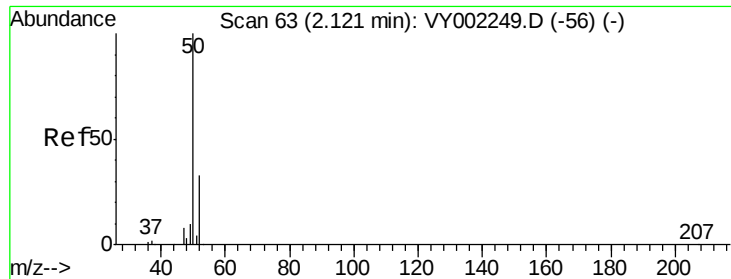
85 100

87 34.2 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002379.D (-1) (-)





#3

Chloromethane

Concen: 59.586 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

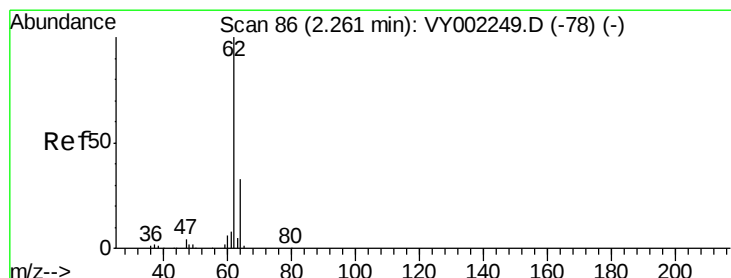
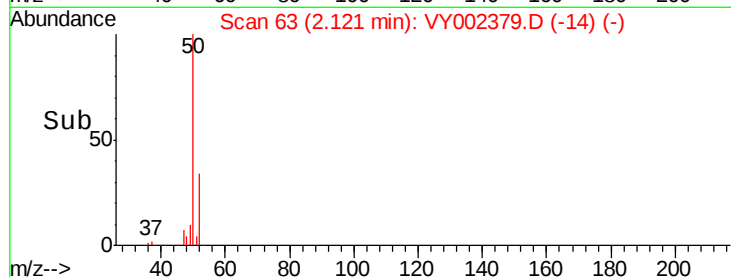
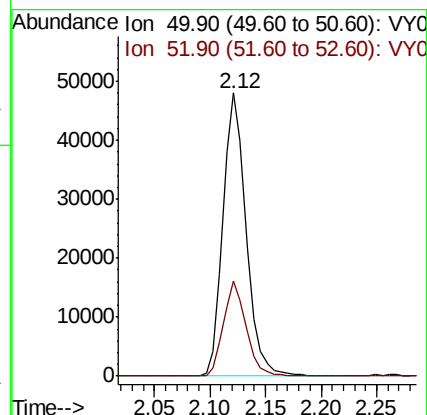
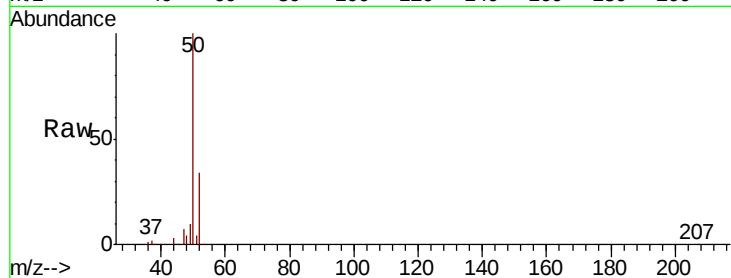
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 69002

Ion Ratio Lower Upper

50 100

52 33.6 26.6 39.8



#4

Vinyl Chloride

Concen: 57.633 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002379.D

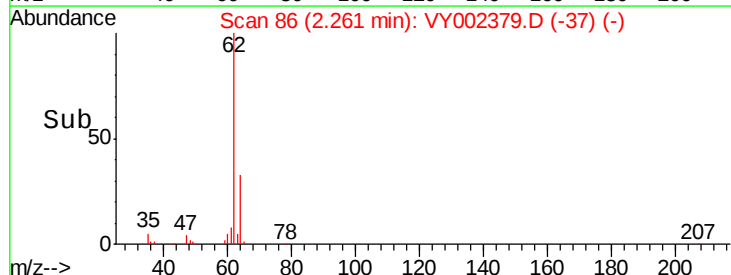
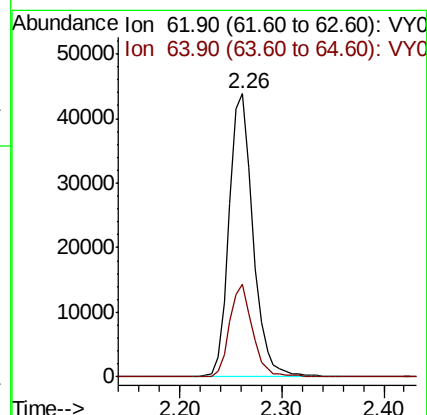
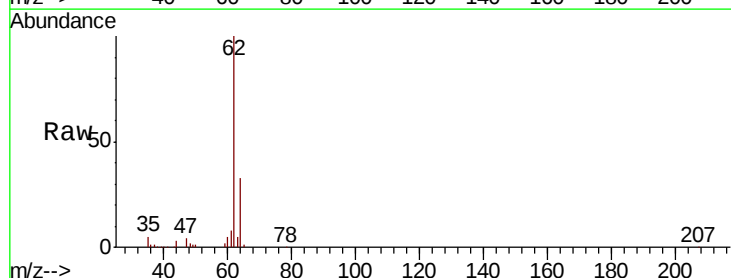
Acq: 16 Apr 2020 19:44

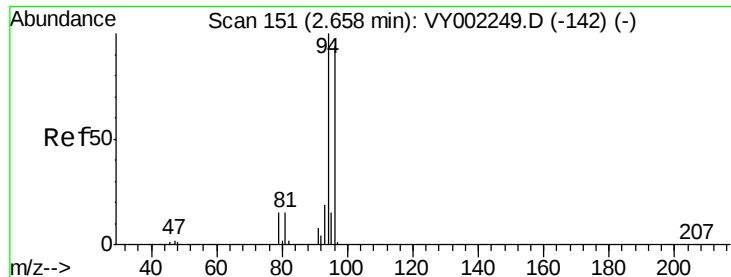
Tgt Ion: 62 Resp: 71037

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 54.441 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

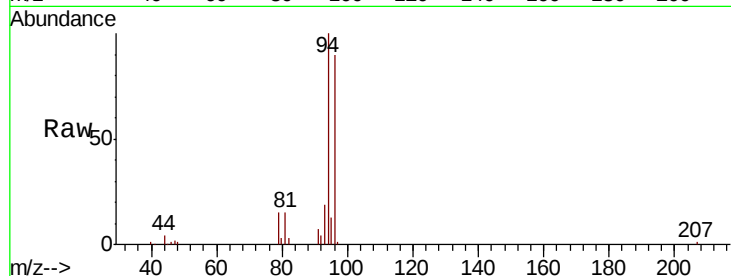
ClientSampleId :

Tot Ion: 94 Resp: 41438

Ion Ratio Lower Upper

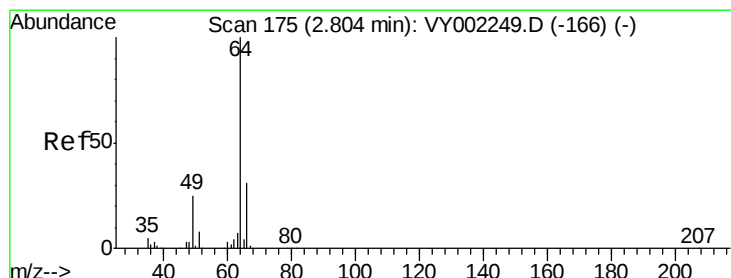
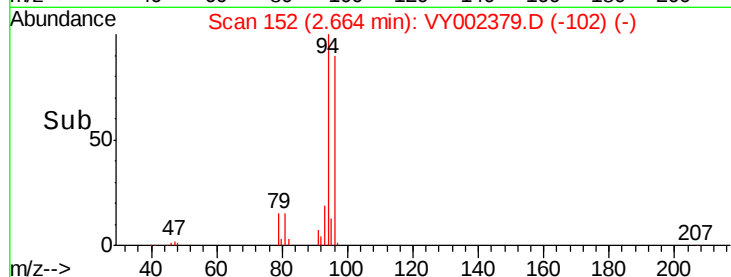
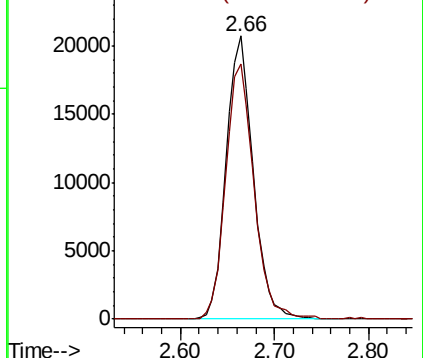
94 100

96 90.4 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 61.394 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002379.D

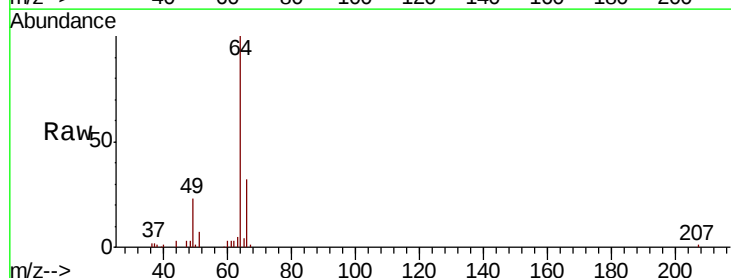
Acq: 16 Apr 2020 19:44

Tgt Ion: 64 Resp: 43642

Ion Ratio Lower Upper

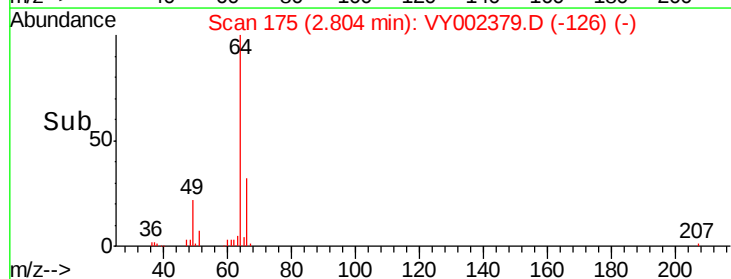
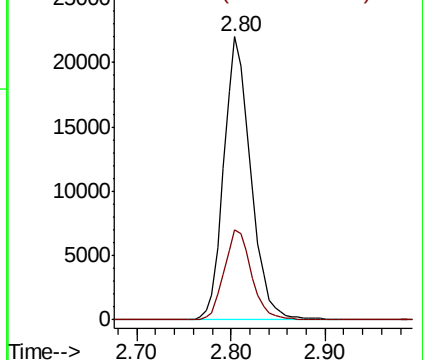
64 100

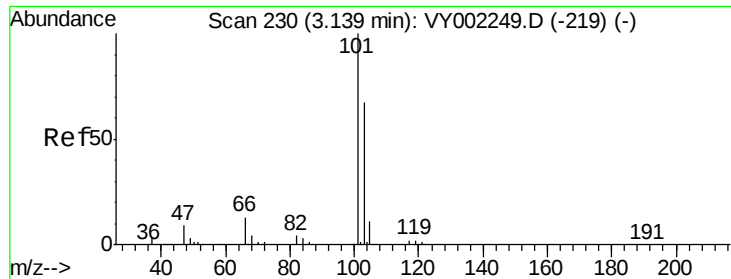
66 31.9 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



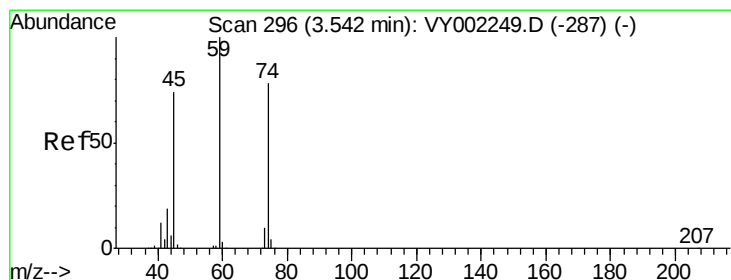
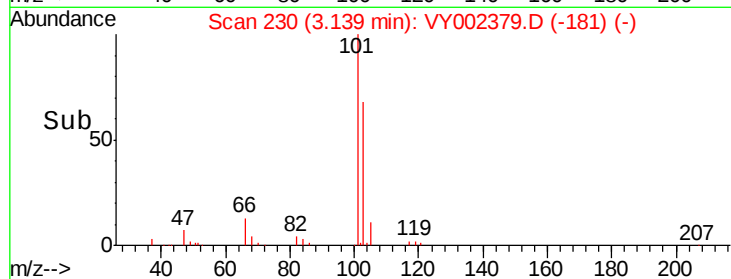
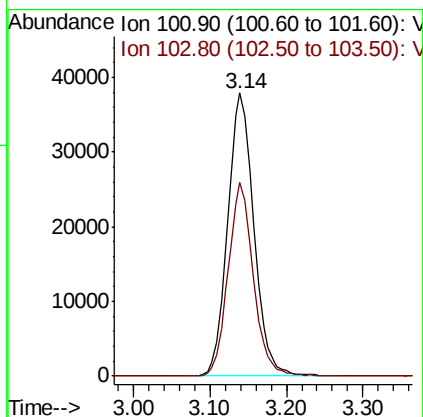
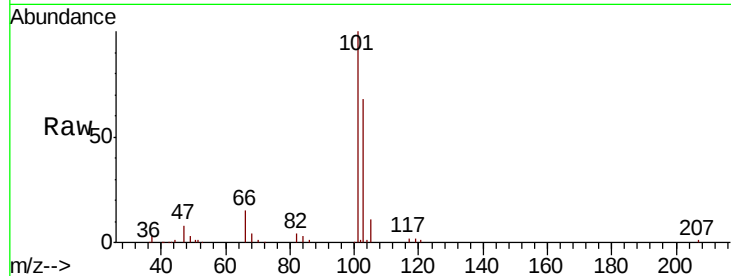


#7

Trichlorofluoromethane
 Concen: 56.403 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
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 ClientSampleId :

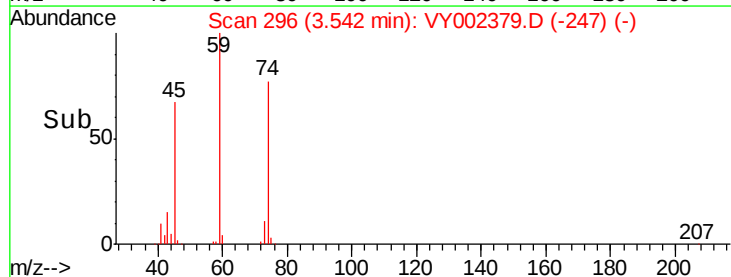
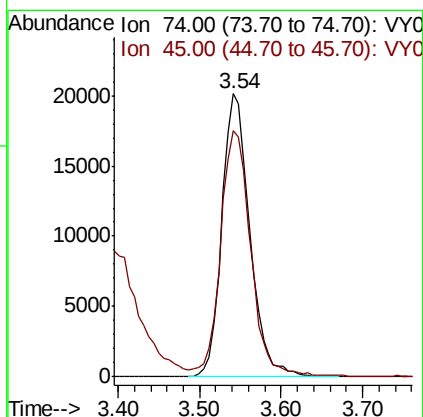
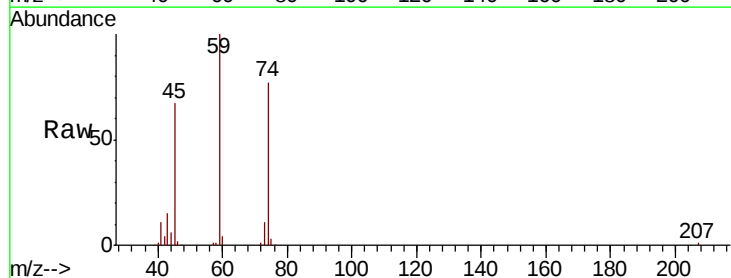
Tot Ion:101 Resp: 89782
 Ion Ratio Lower Upper
 101 100
 103 68.4 53.3 79.9

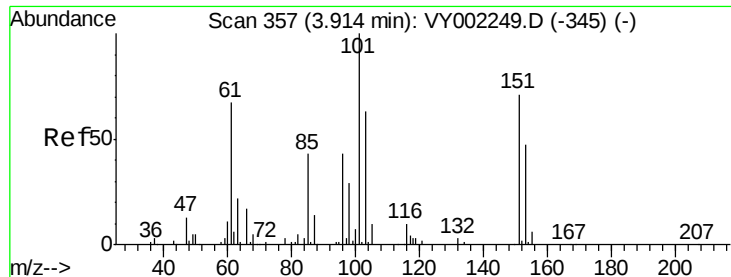


#8

Diethyl Ether
 Concen: 70.539 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion: 74 Resp: 47734
 Ion Ratio Lower Upper
 74 100
 45 92.7 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.227 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

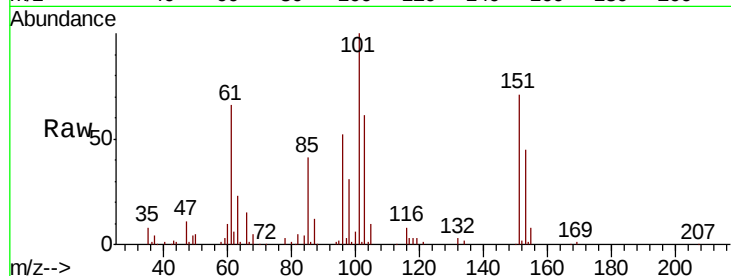
Tot Ion:101 Resp: 57553

Ion Ratio Lower Upper

101 100

85 42.4 34.6 52.0

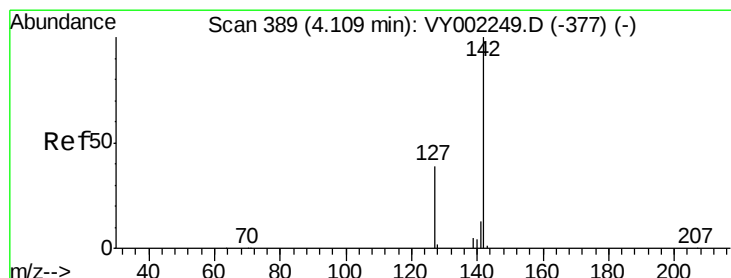
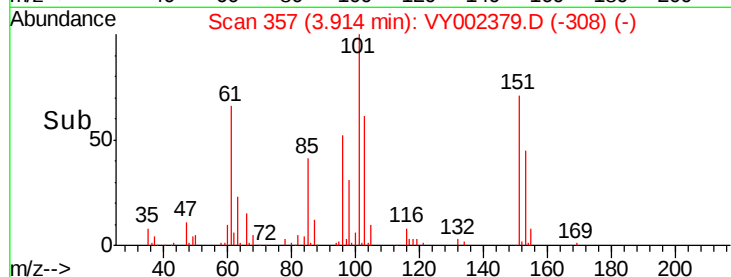
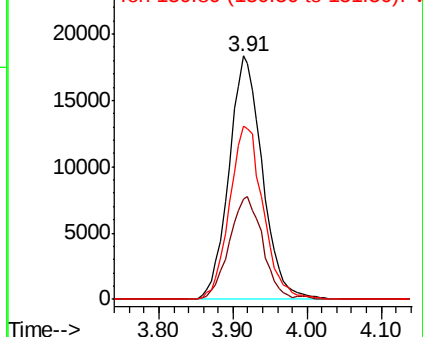
151 71.7 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.621 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

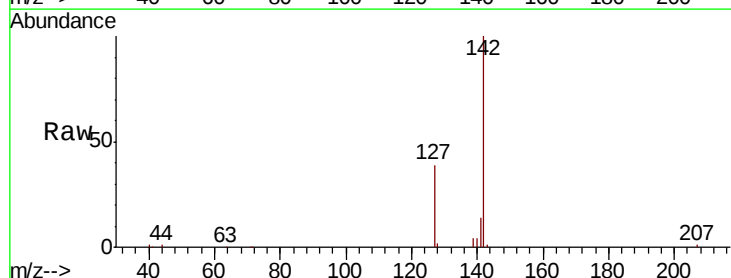
Tgt Ion:142 Resp: 57339

Ion Ratio Lower Upper

142 100

127 38.0 32.4 48.6

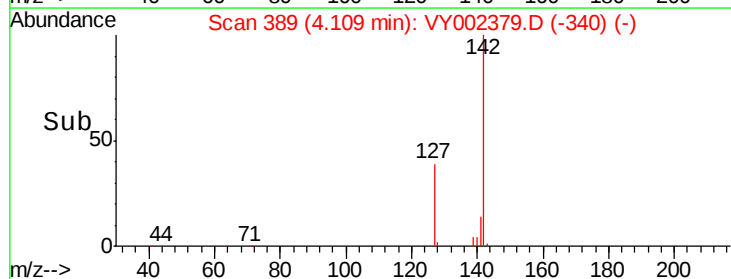
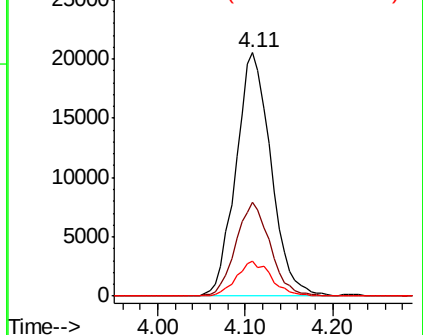
141 13.9 11.2 16.8

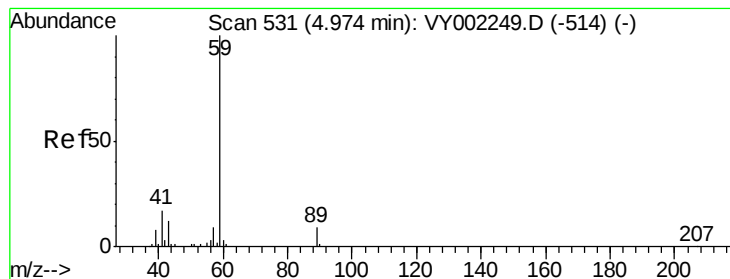


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



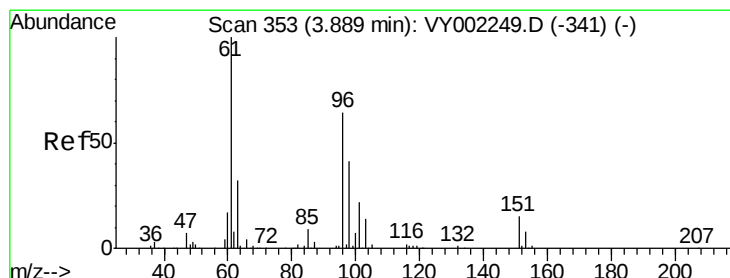
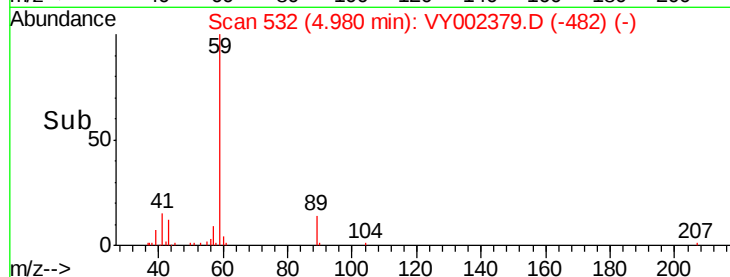
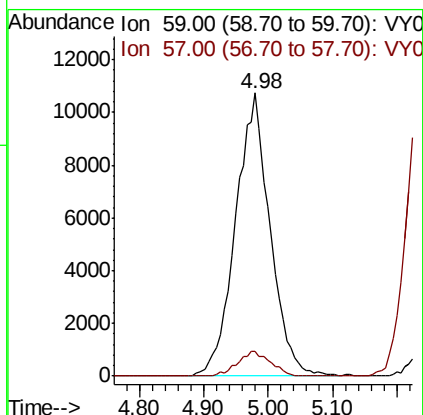
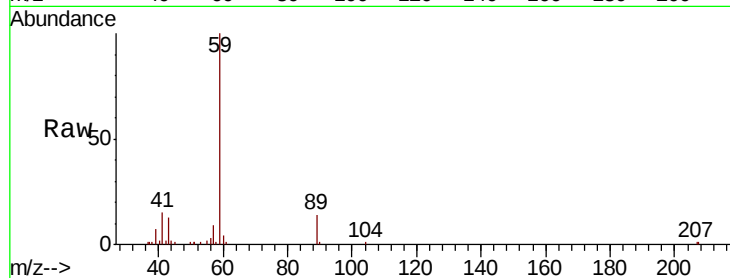


#11

Tert butyl alcohol
 Concen: 387.063 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :

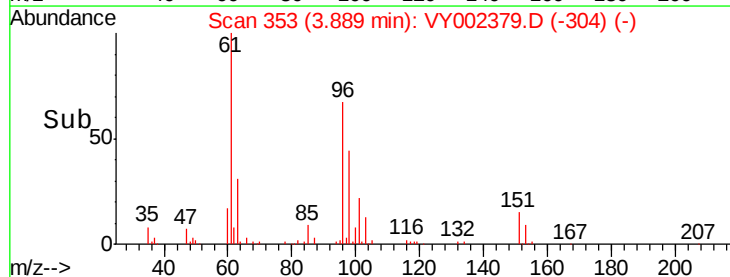
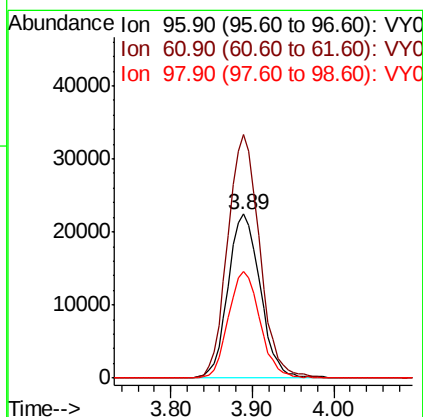
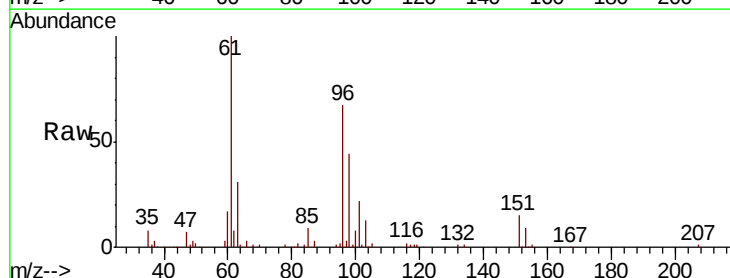
Tot Ion: 59 Resp: 39765
 Ion Ratio Lower Upper
 59 100
 57 8.3 6.6 9.8

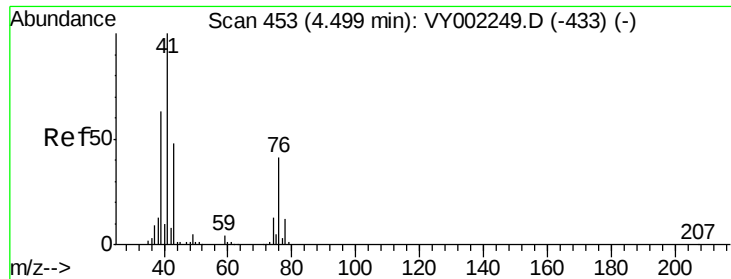


#12

1,1-Dichloroethene
 Concen: 55.657 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion: 96 Resp: 61183
 Ion Ratio Lower Upper
 96 100
 61 148.8 125.9 188.9
 98 65.4 51.1 76.7





#14

Allvl chloride

Concen: 51.761 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

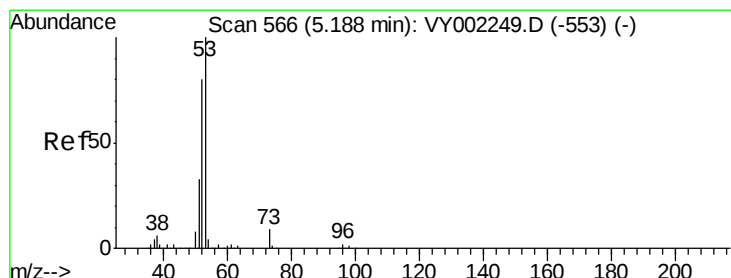
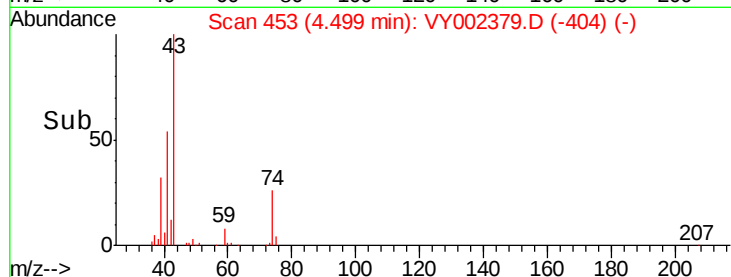
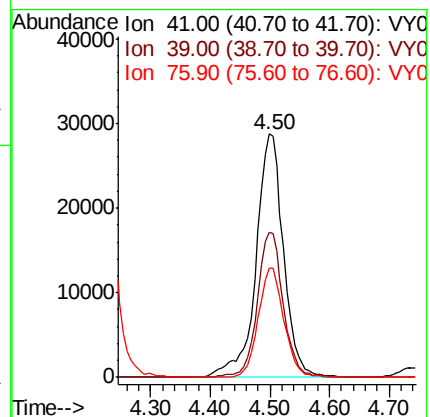
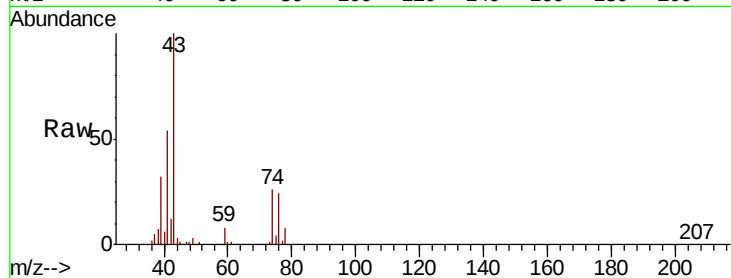
Tot Ion: 41 Resp: 91884

Ion Ratio Lower Upper

41 100

39 56.3 48.0 72.0

76 41.8 31.0 46.6



#15

Acrylonitrile

Concen: 251.652 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

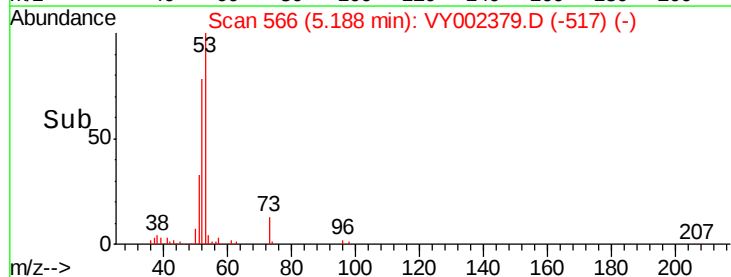
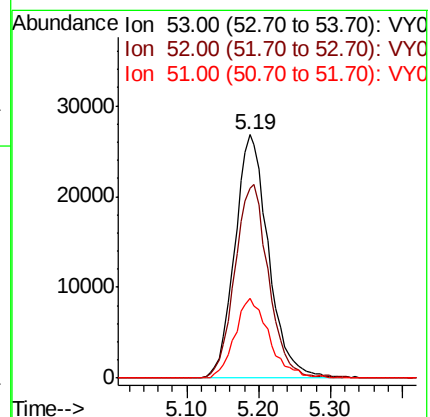
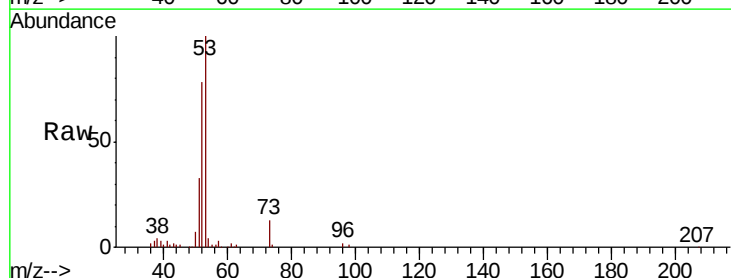
Tgt Ion: 53 Resp: 87085

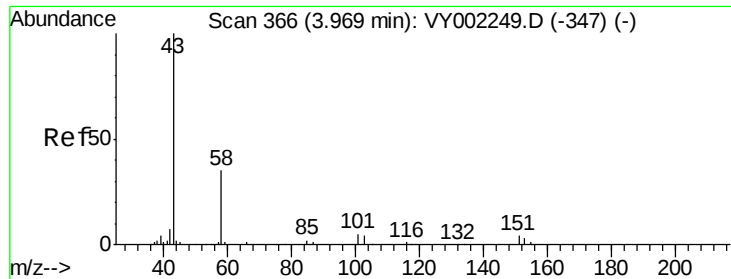
Ion Ratio Lower Upper

53 100

52 79.4 65.1 97.7

51 33.7 27.1 40.7

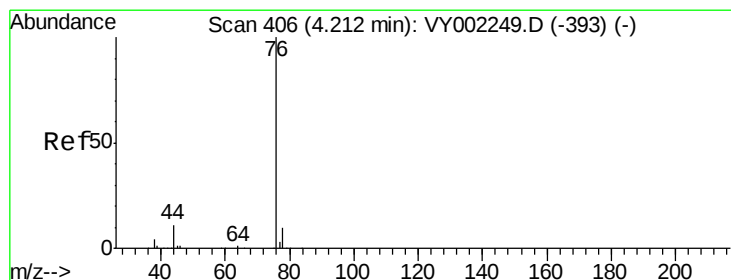
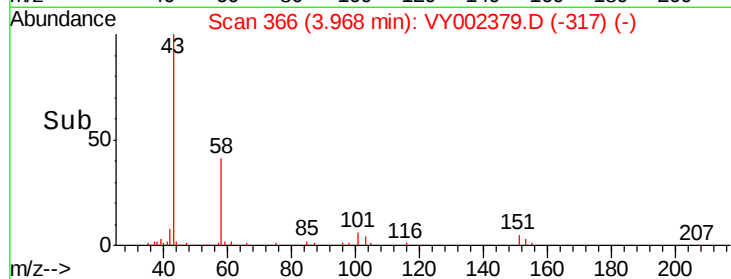
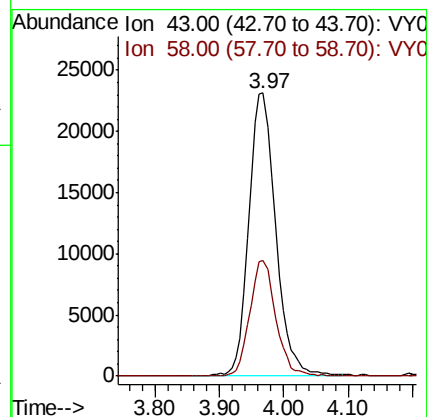
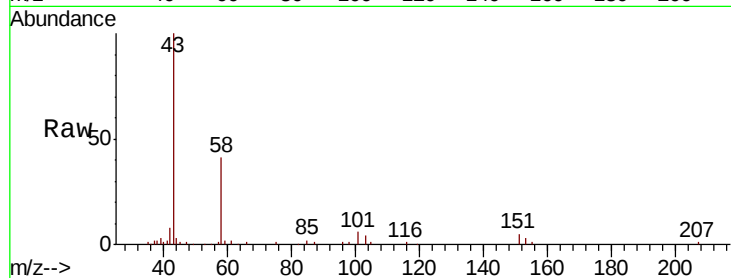




#16
Acetone
Concen: 248.947 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

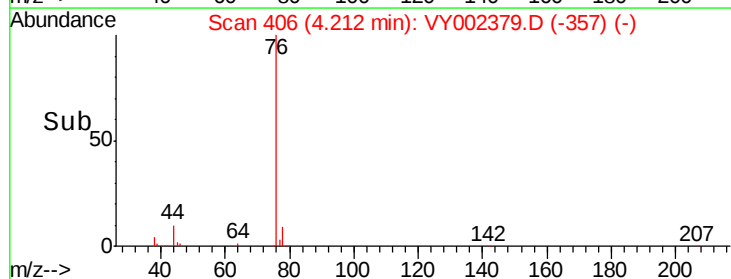
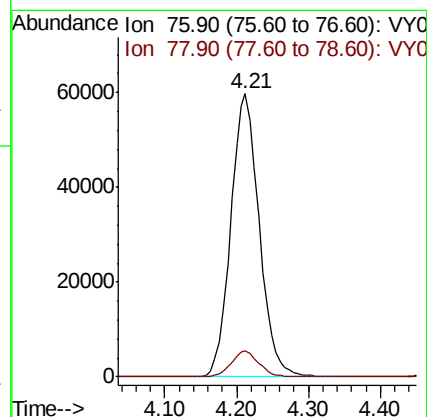
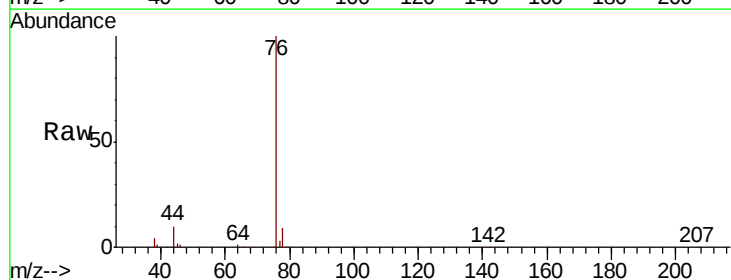
Instrument :
MSVOA_Y
ClientSampled :

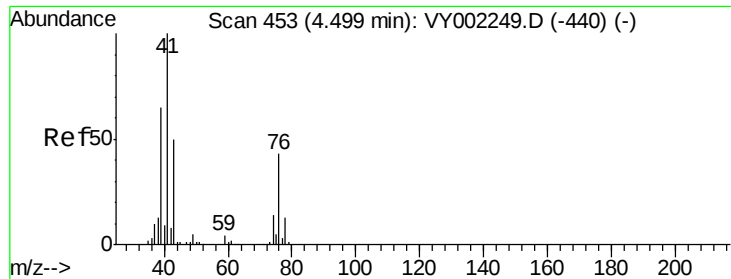
Tot Ion: 43 Resp: 66384
Ion Ratio Lower Upper
43 100
58 41.0 28.5 42.7



#17
Carbon Disulfide
Concen: 44.781 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 76 Resp: 163489
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

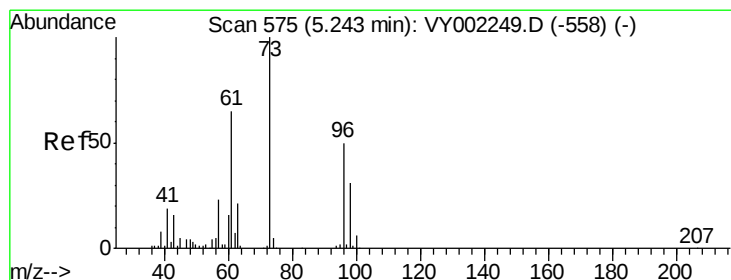
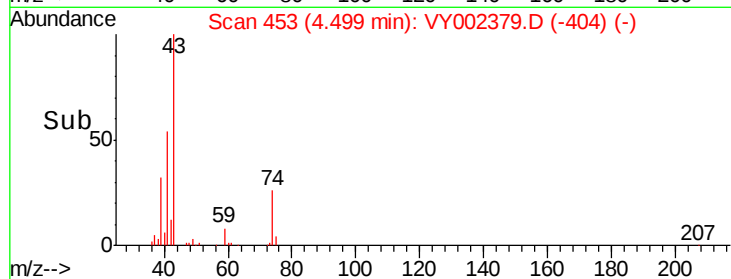
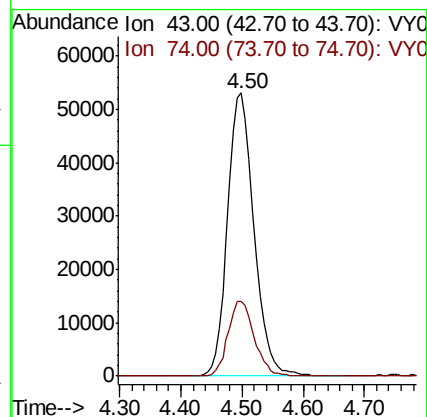
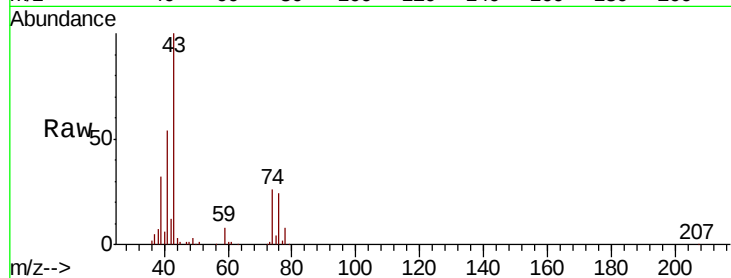




#18
Methyl Acetate
Concen: 191.707 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

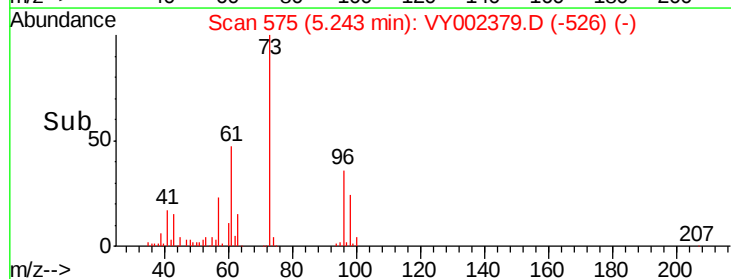
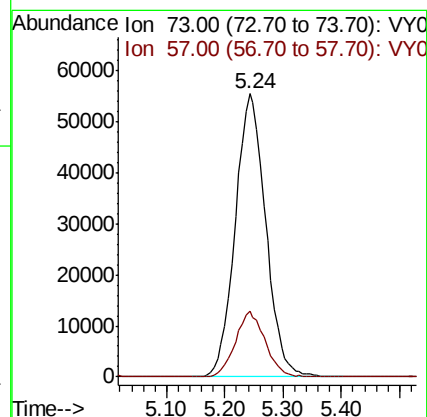
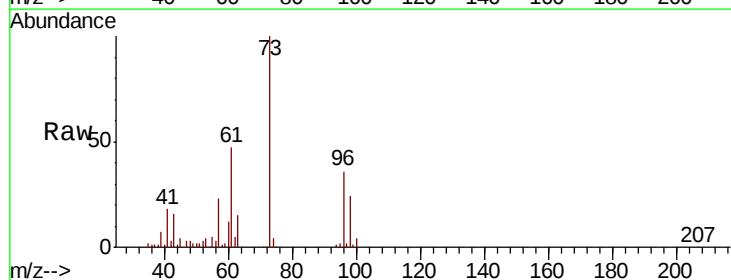
Instrument :
MSVOA_Y
ClientSampled :

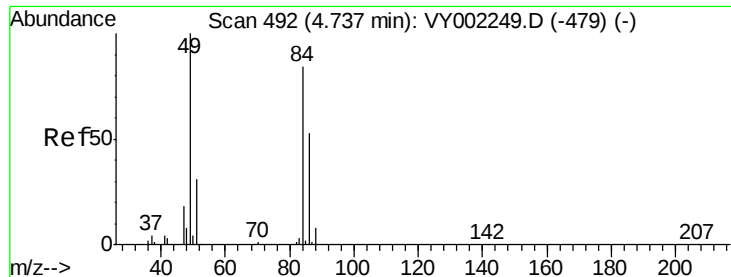
Tot Ion: 43 Resp: 158565
Ion Ratio Lower Upper
43 100
74 26.3 20.3 30.5



#19
Methyl tert-butyl Ether
Concen: 69.663 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 73 Resp: 201327
Ion Ratio Lower Upper
73 100
57 23.3 18.7 28.1

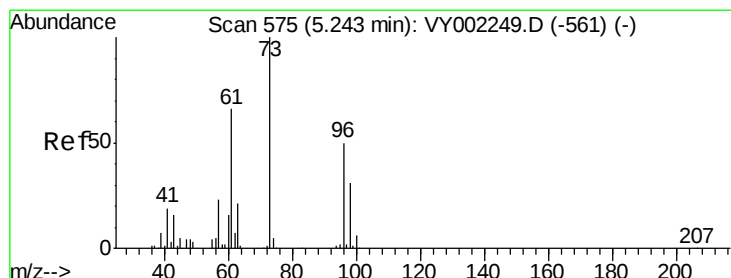
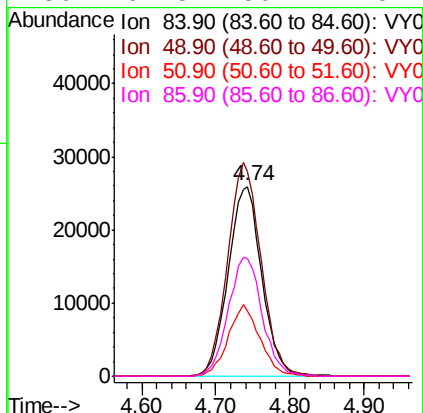
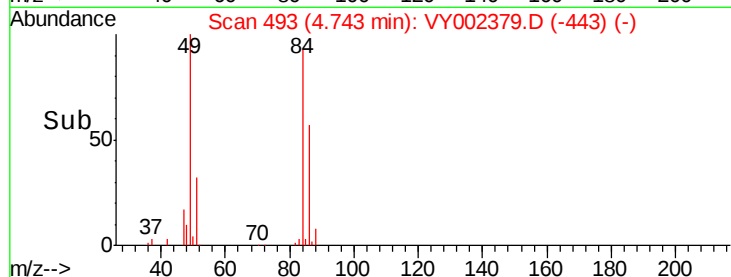
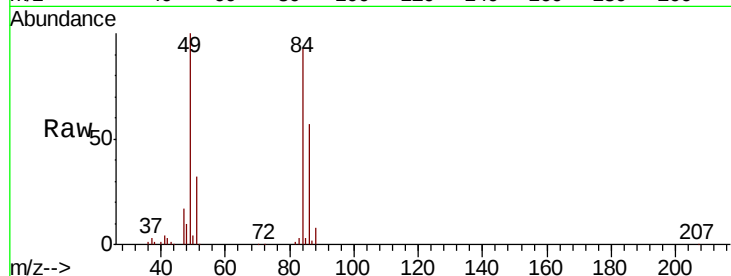




#20
Methvlene Chloride
Concen: 62.518 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

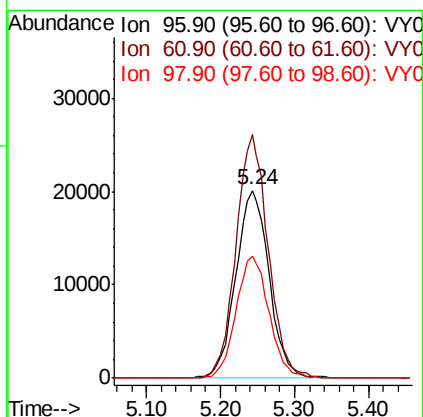
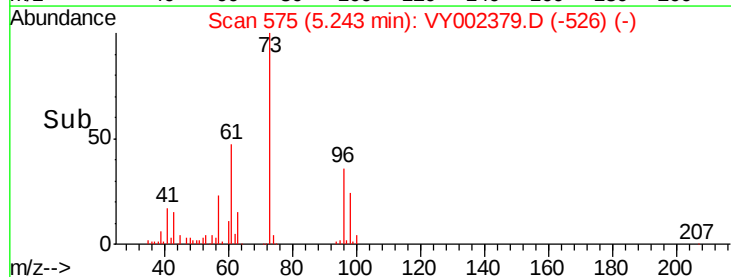
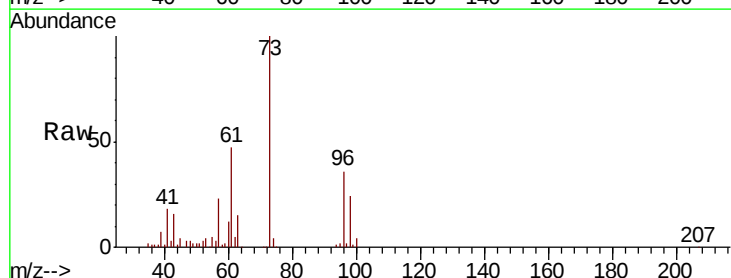
Instrument :
MSVOA_Y
ClientSampleId :

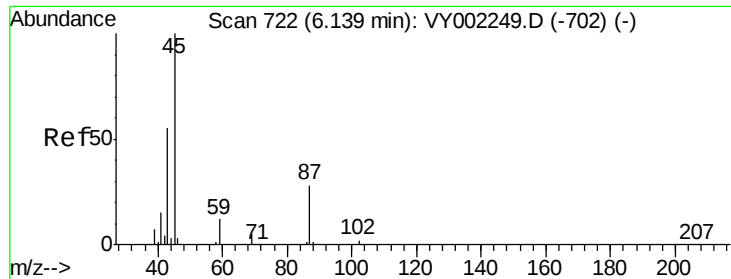
Tot Ion: 84 Resp: 81940
Ion Ratio Lower Upper
84 100
49 108.0 95.5 143.3
51 34.5 29.5 44.3
86 61.8 50.7 76.1



#21
trans-1,2-Dichloroethene
Concen: 51.103 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 96 Resp: 63056
Ion Ratio Lower Upper
96 100
61 129.8 104.6 157.0
98 65.3 50.1 75.1





#22

Diisopropyl ether

Concen: 65.742 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

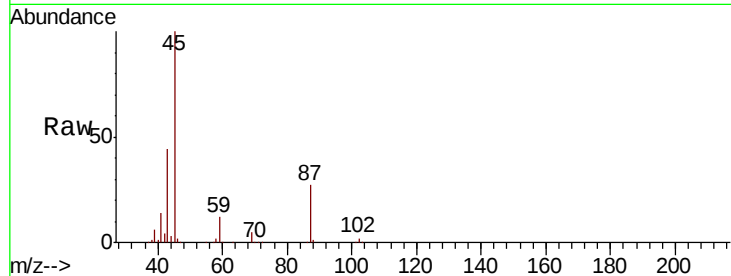
MSVOA_Y

ClientSampled :

Tot Ion: 45 Resp: 234858

Ion Ratio Lower Upper

45	100		
43	43.8	44.7	67.1#
87	27.2	23.0	34.4
59	11.5	10.1	15.1

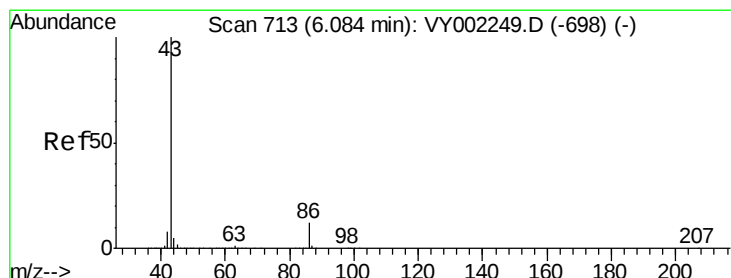
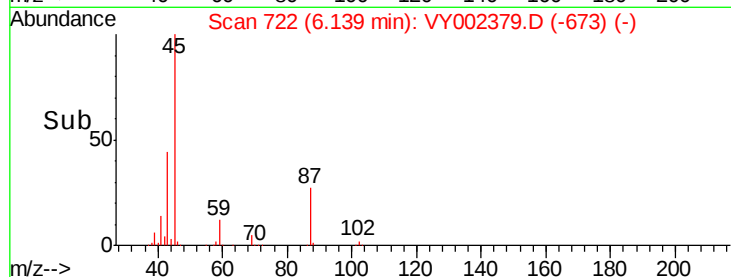
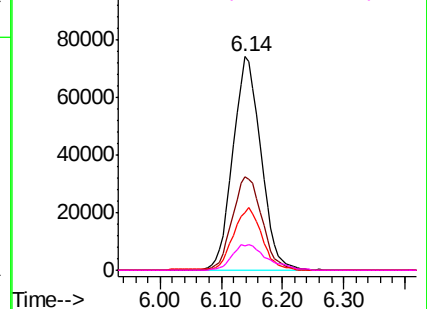


Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0



#23

Vinyl Acetate

Concen: 47.614 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.05 min

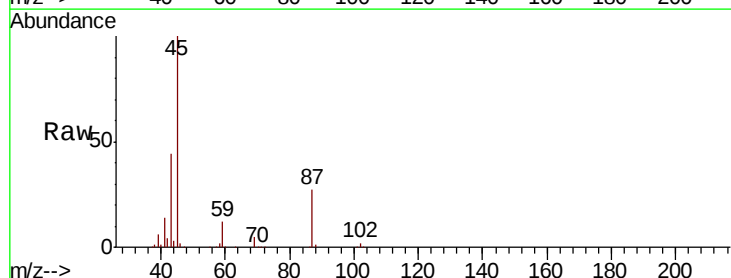
Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion: 43 Resp: 108396

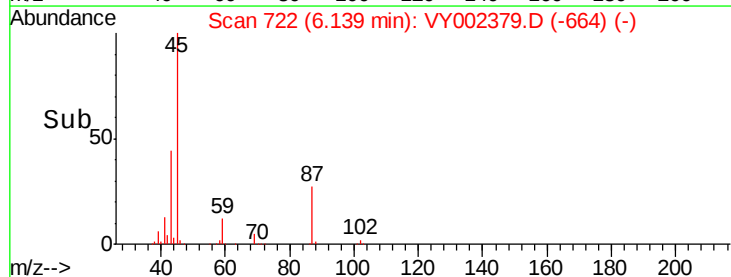
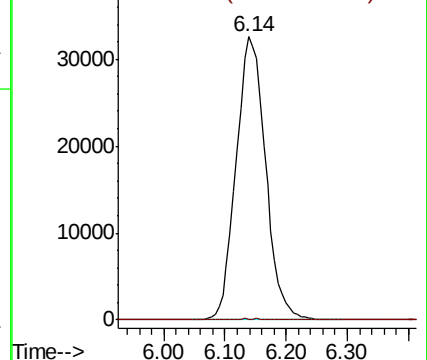
Ion Ratio Lower Upper

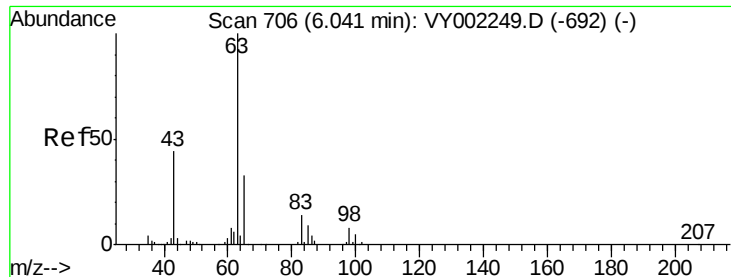
43	100		
86	0.3	9.2	13.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0





#24

1,1-Dichloroethane

Concen: 61.719 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

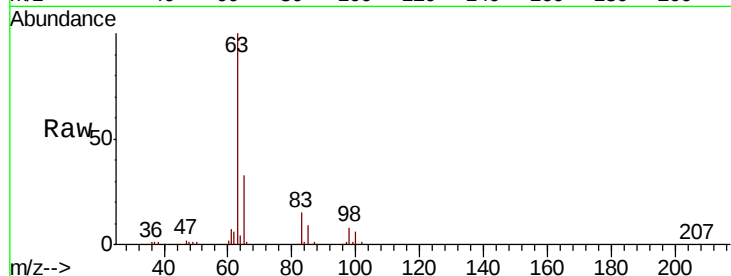
Tot Ion: 63 Resp: 125412

Ion Ratio Lower Upper

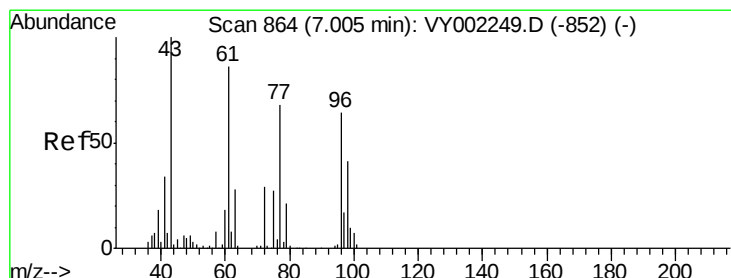
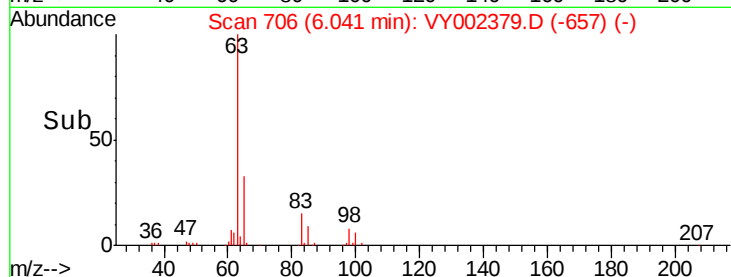
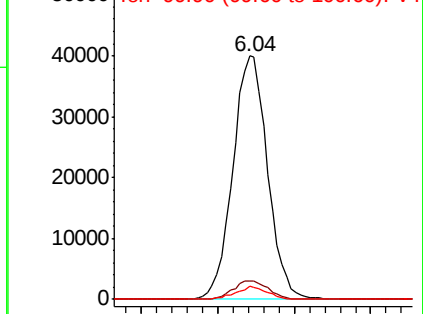
63 100

98 7.6 4.0 12.0

100 5.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



#25

2-Butanone

Concen: 247.994 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002379.D

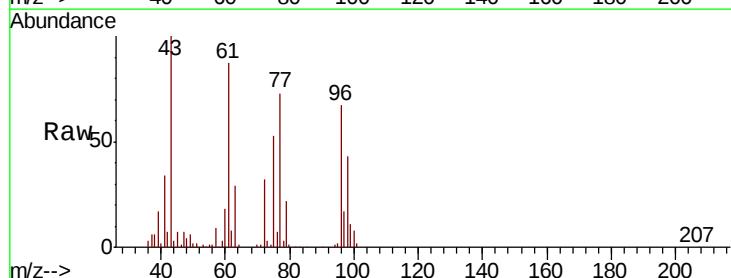
Acq: 16 Apr 2020 19:44

Tgt Ion: 43 Resp: 104654

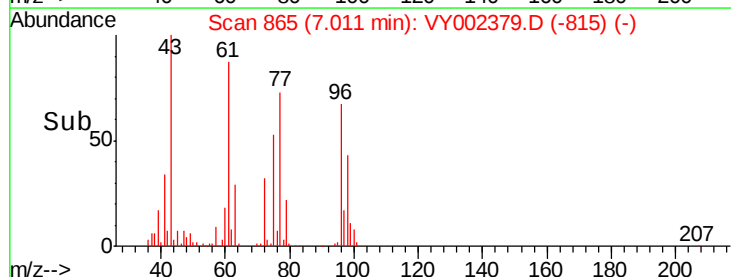
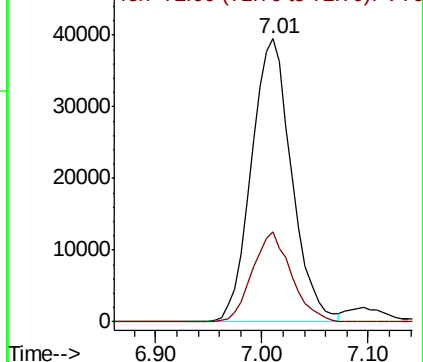
Ion Ratio Lower Upper

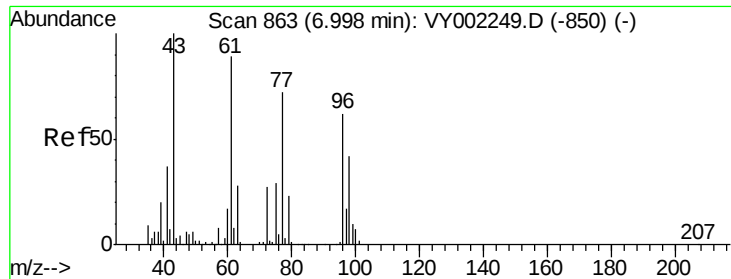
43 100

72 31.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#26

2,2-Dichloropropane

Concen: 53.998 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

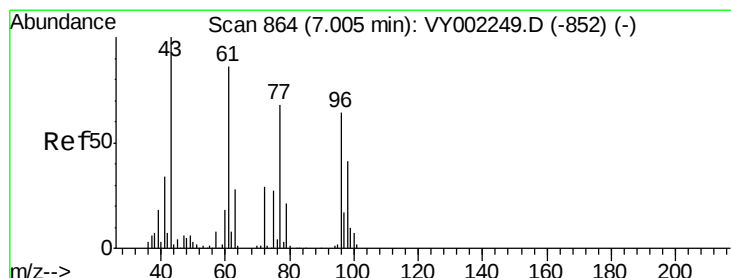
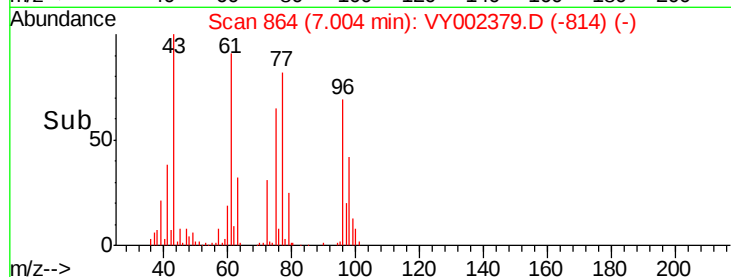
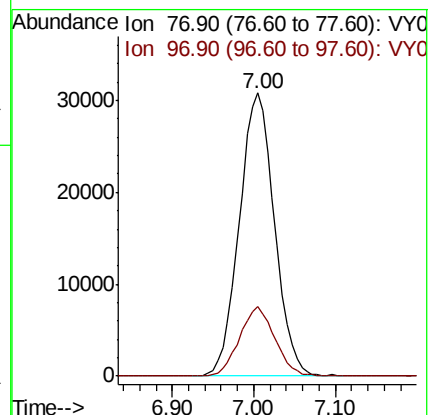
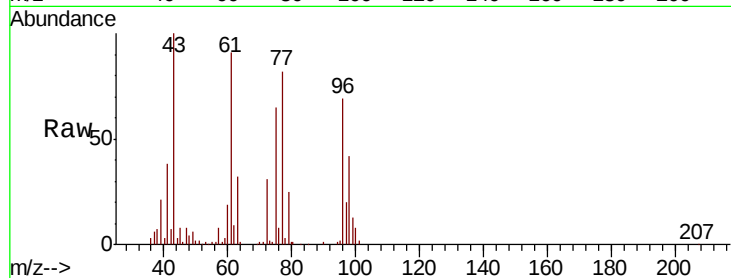
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 77 Resp: 91784

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6



#27

cis-1,2-Dichloroethene

Concen: 54.073 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

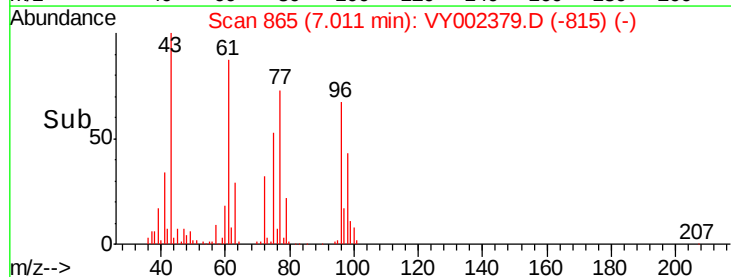
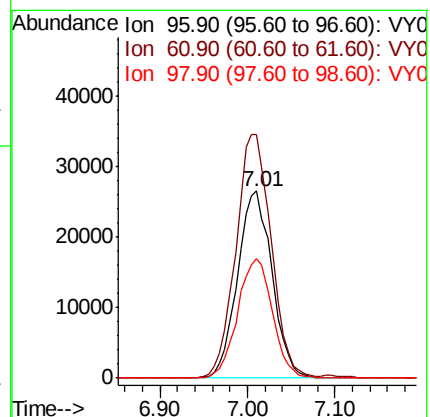
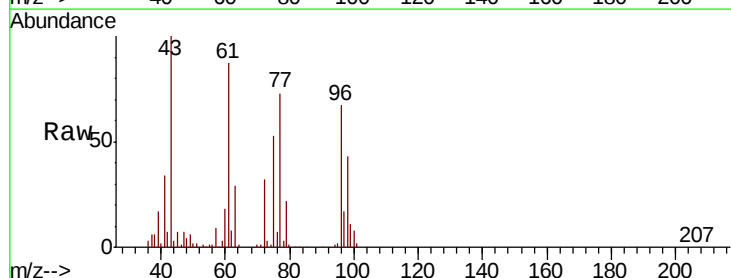
Tgt Ion: 96 Resp: 72732

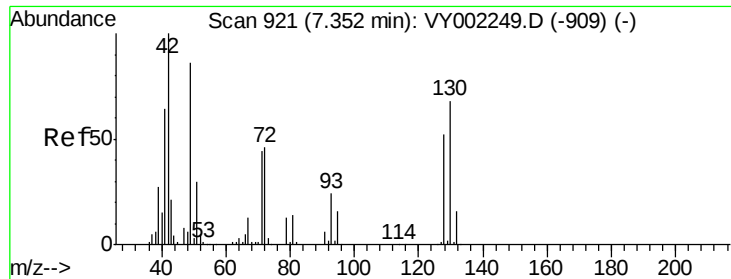
Ion Ratio Lower Upper

96 100

61 133.3 0.0 278.0

98 64.3 0.0 128.6

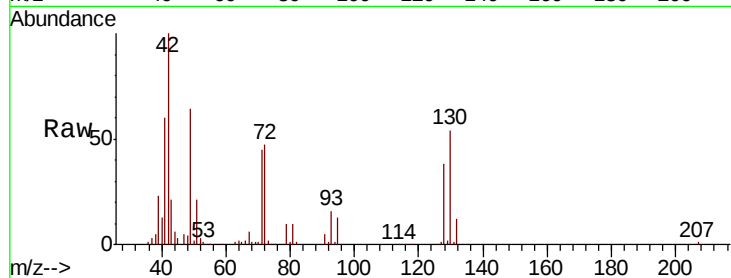




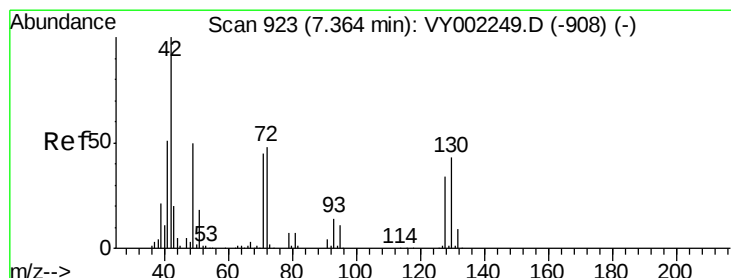
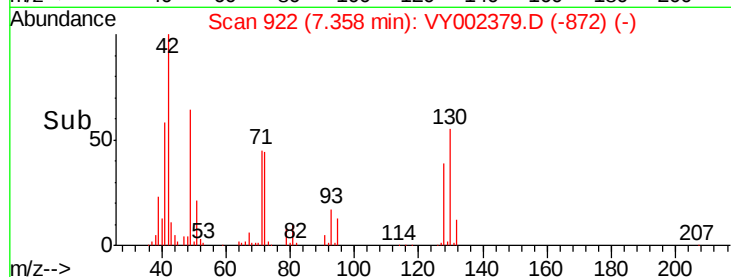
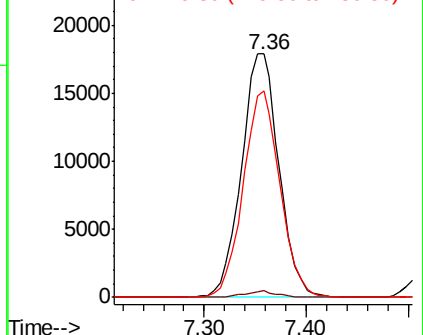
#28
Bromochloromethane
Concen: 52.003 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 49 Resp: 45615
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 83.2 60.9 91.3

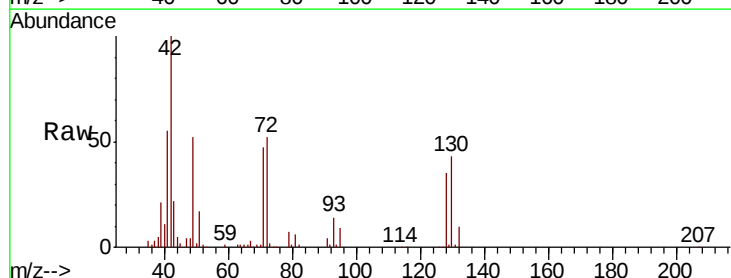


Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

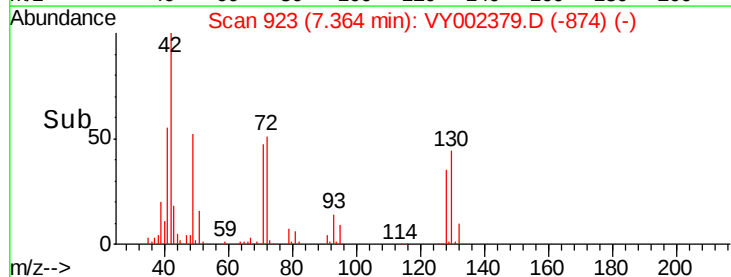
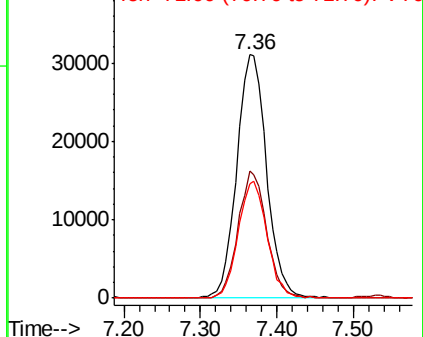


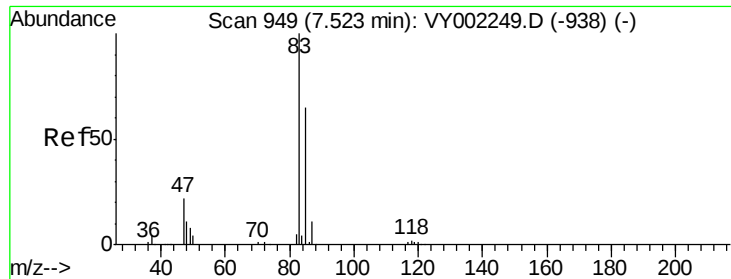
#29
Tetrahydrofuran
Concen: 301.323 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 42 Resp: 84055
Ion Ratio Lower Upper
42 100
72 49.8 36.7 55.1
71 46.4 34.7 52.1



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

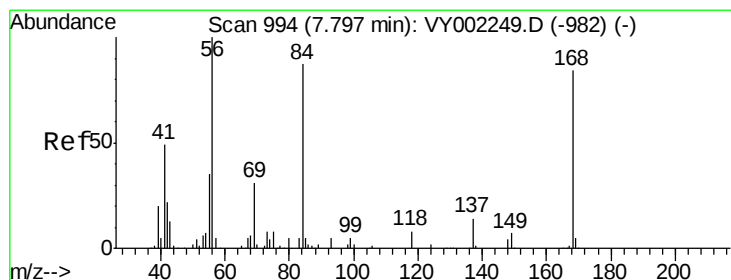
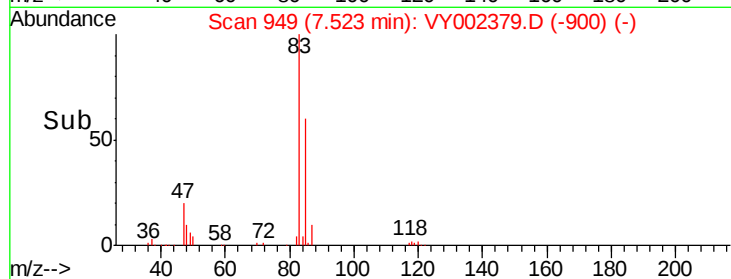
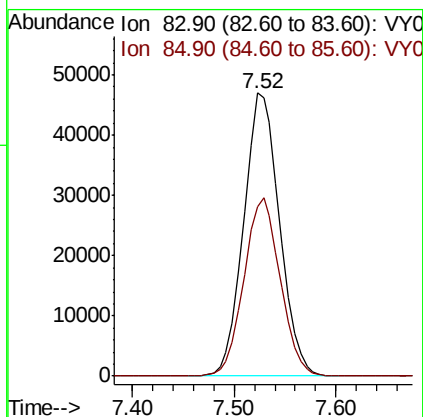
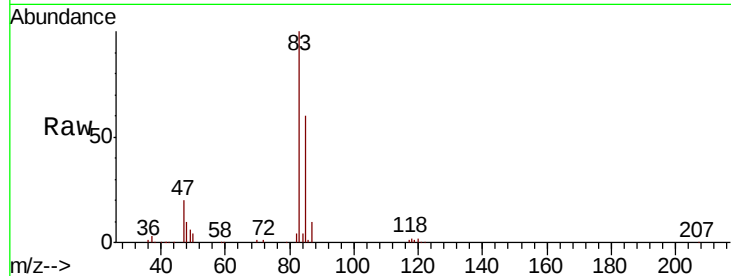




#30
Chloroform
Concen: 59.998 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

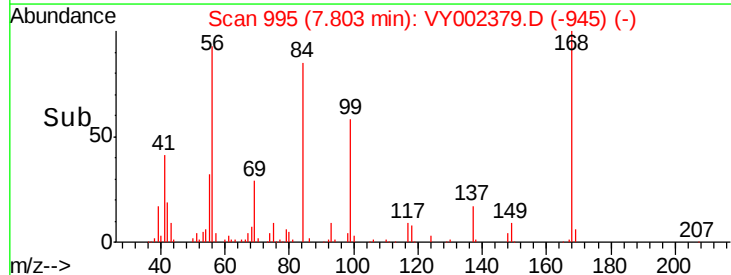
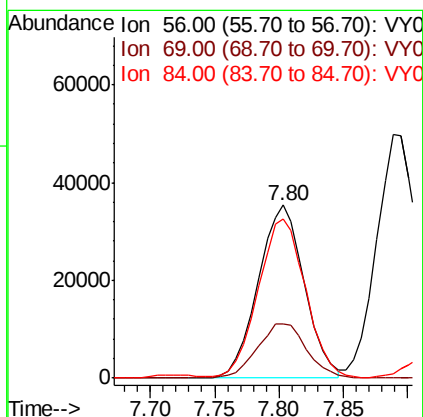
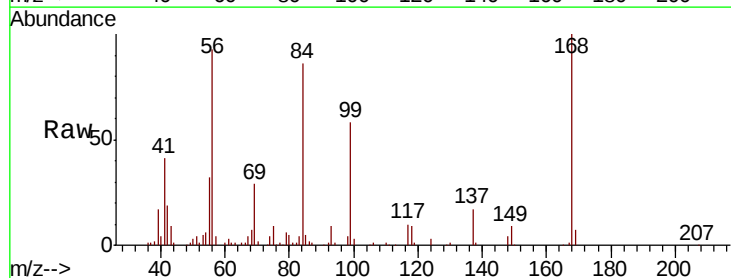
Instrument :
MSVOA_Y
ClientSampleId :

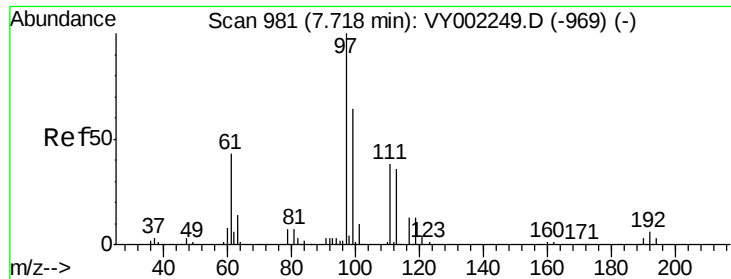
Tot Ion: 83 Resp: 114923
Ion Ratio Lower Upper
83 100
85 60.1 52.0 78.0



#31
Cyclohexane
Concen: 41.204 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 56 Resp: 87886
Ion Ratio Lower Upper
56 100
69 31.4 25.0 37.6
84 90.7 69.7 104.5





#32

1,1,1-Trichloroethane

Concen: 57.476 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

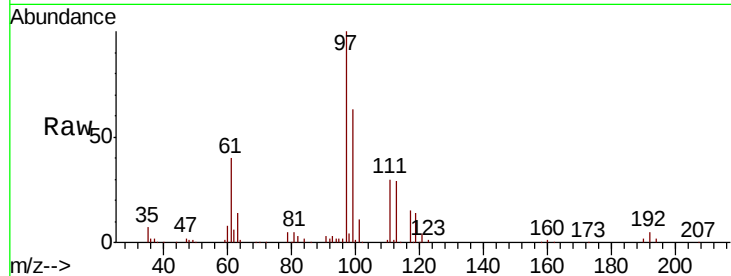
Tot Ion: 97 Resp: 91634

Ion Ratio Lower Upper

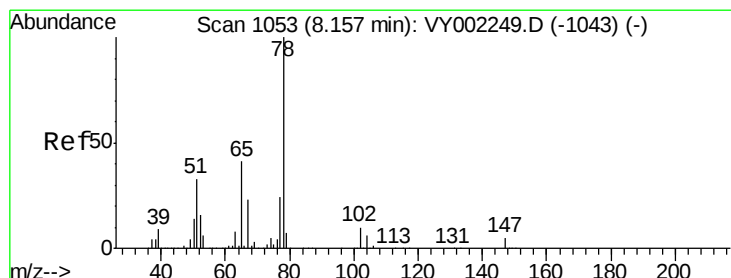
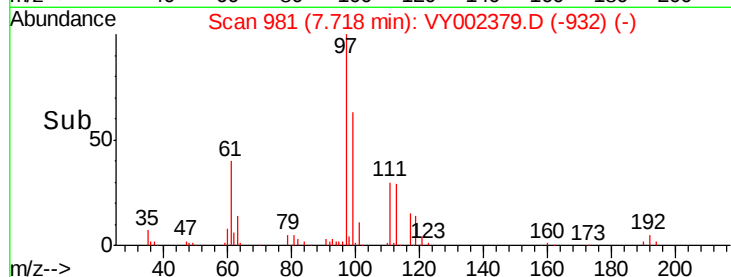
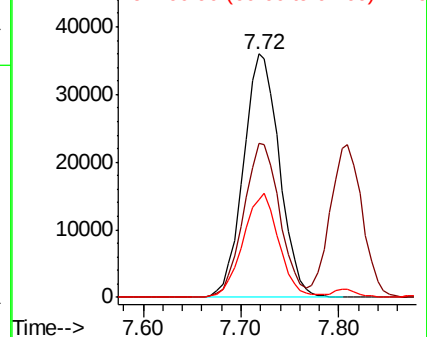
97 100

99 63.9 51.3 76.9

61 42.6 34.3 51.5



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



#33

1,2-Dichloroethane-d4

Concen: 51.889 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002379.D

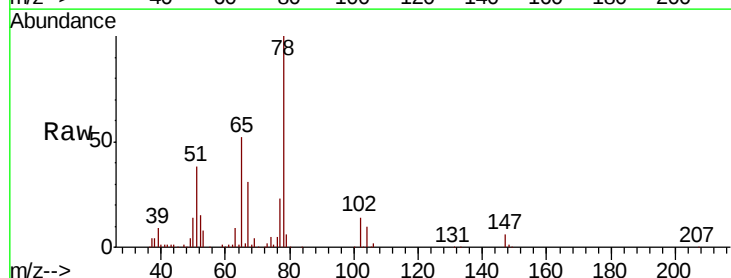
Acq: 16 Apr 2020 19:44

Tgt Ion: 65 Resp: 52535

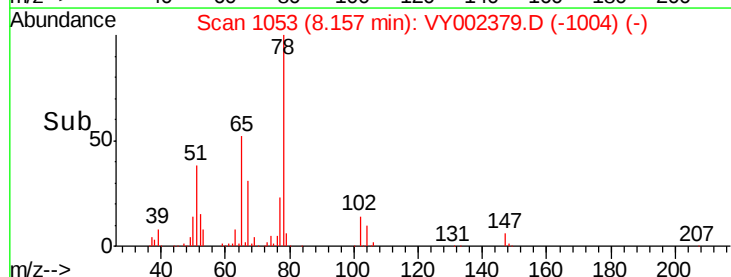
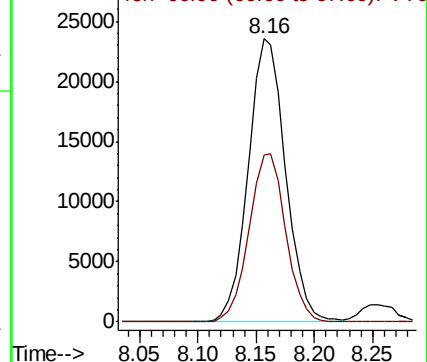
Ion Ratio Lower Upper

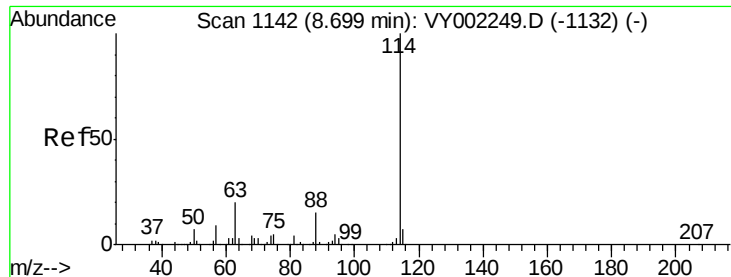
65 100

67 58.3 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :

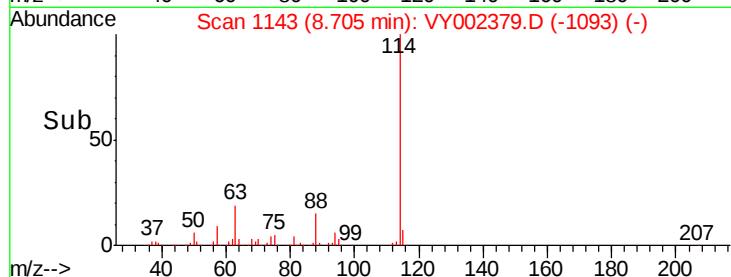
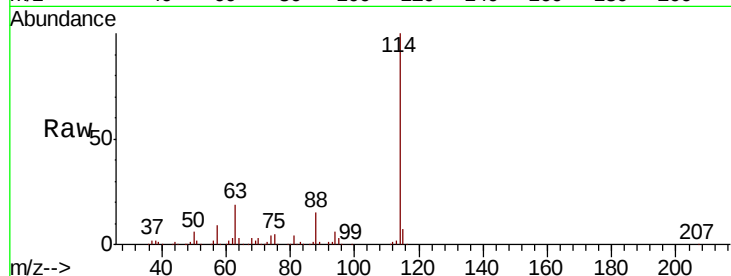
Tot Ion:114 Resp: 149895

Ion Ratio Lower Upper

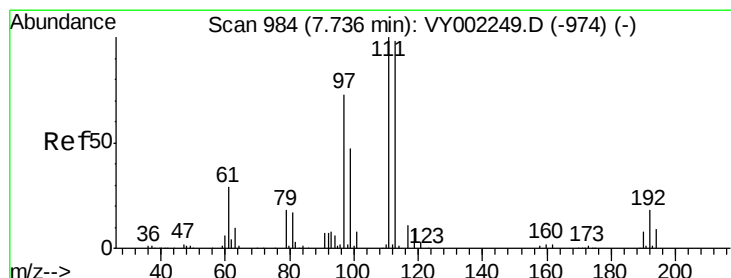
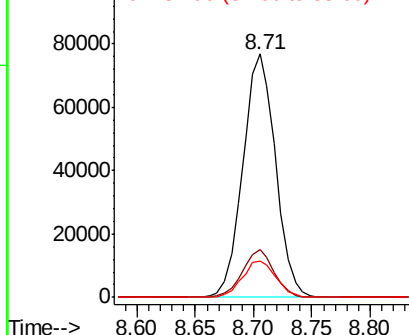
114 100

63 19.4 0.0 39.0

88 14.8 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 63.276 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

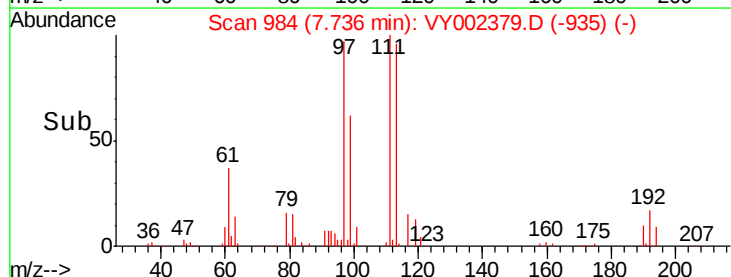
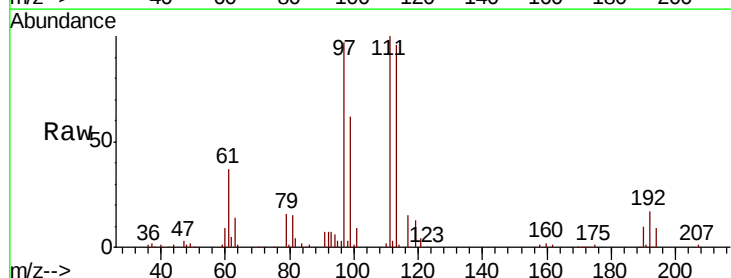
Tgt Ion:113 Resp: 56437

Ion Ratio Lower Upper

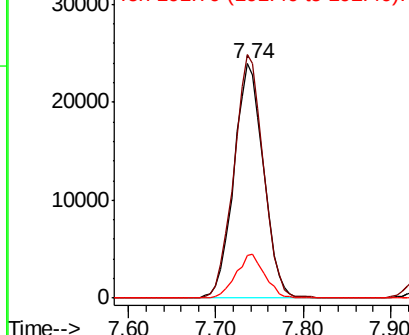
113 100

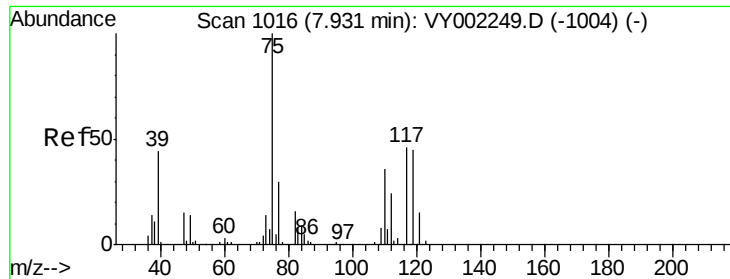
111 102.9 83.5 125.3

192 18.1 14.7 22.1



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

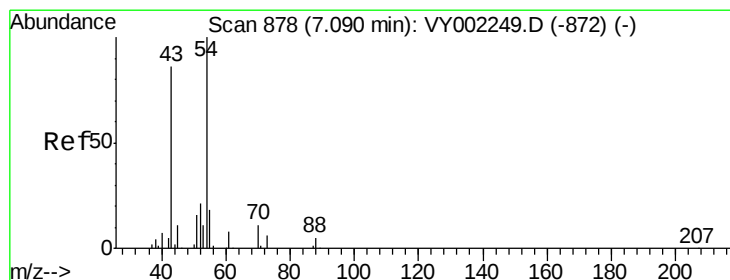
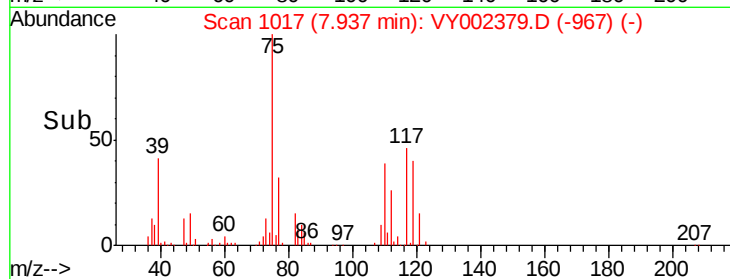
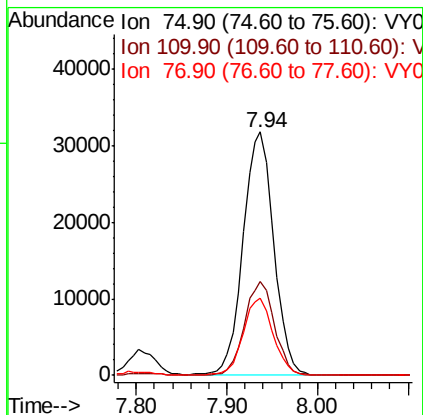
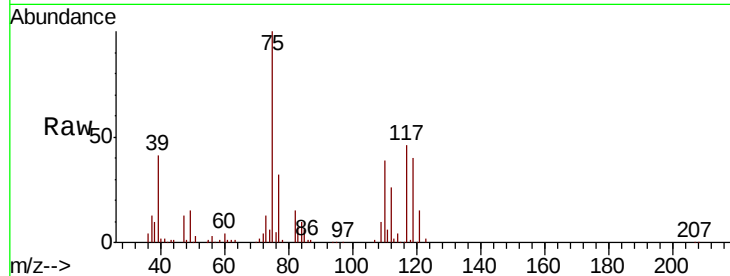




#36
 1,1-Dichloropropene
 Concen: 50.489 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

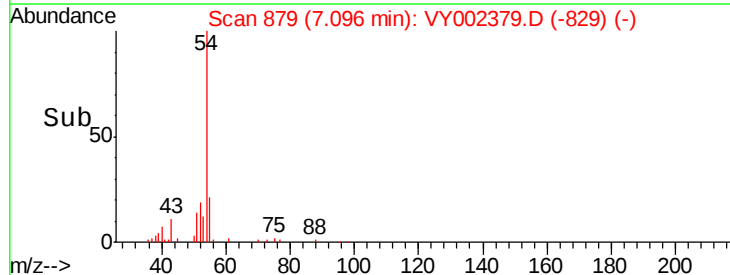
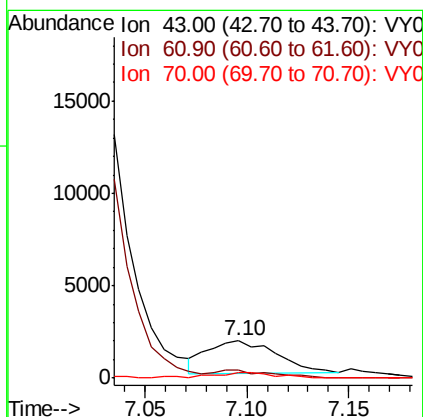
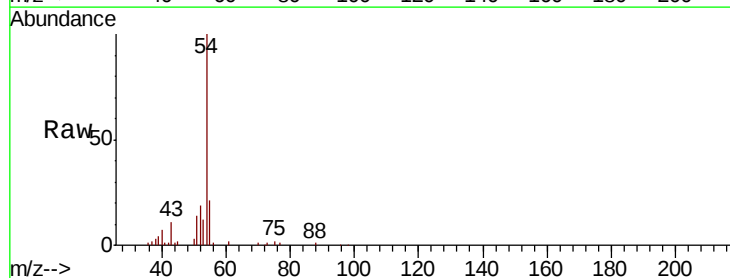
Instrument :
 MSVOA_Y
 ClientSampleId :

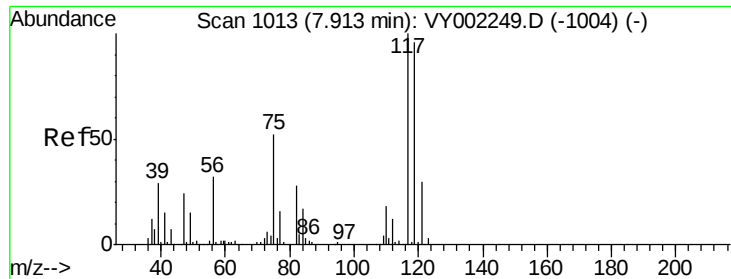
Tot Ion: 75 Resp: 74544
 Ion Ratio Lower Upper
 75 100
 110 37.3 17.8 53.3
 77 31.1 24.4 36.6



#37
 Ethyl Acetate
 Concen: 4.919 ug/l
 RT: 7.10 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion: 43 Resp: 4149
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 14.0 9.1 13.7#

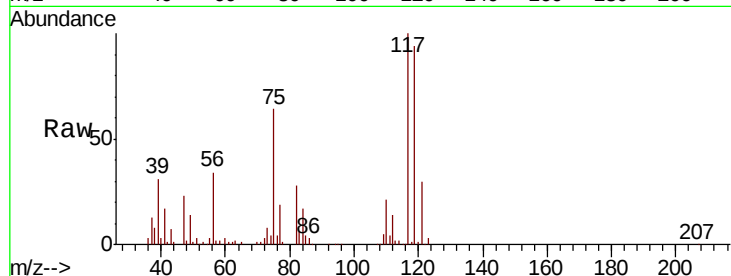




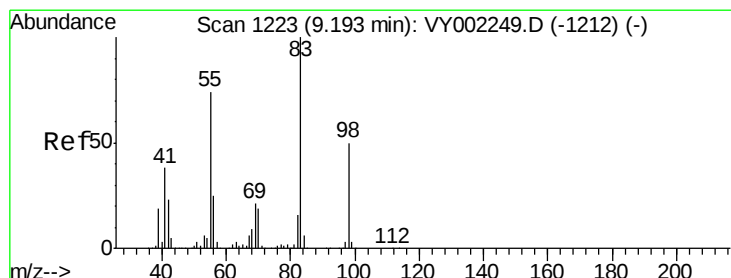
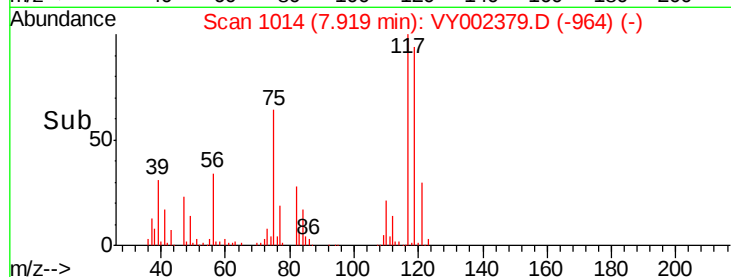
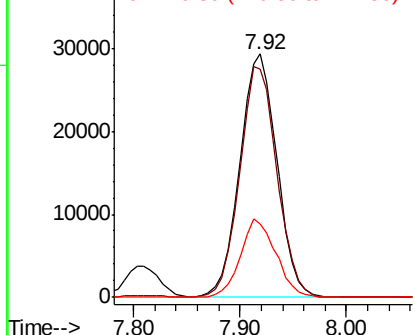
#38
Carbon Tetrachloride
Concen: 56.887 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 71843
Ion Ratio Lower Upper
117 100
119 93.9 77.1 115.7
121 30.4 23.9 35.9

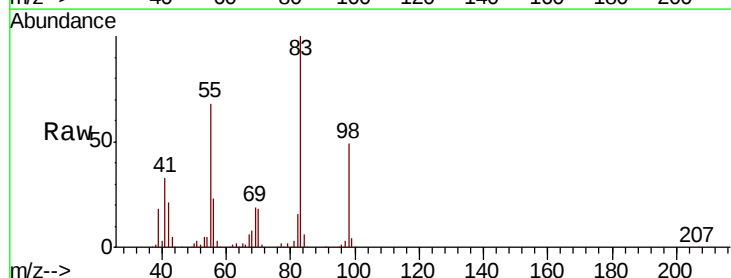


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

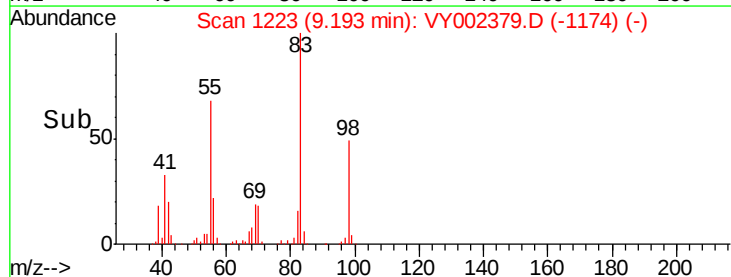
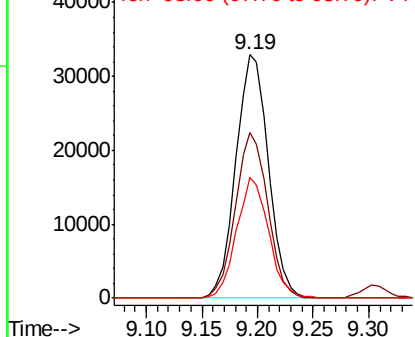


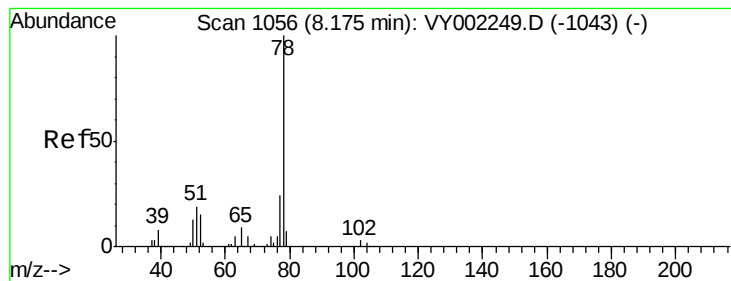
#39
Methylcyclohexane
Concen: 33.177 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 83 Resp: 66633
Ion Ratio Lower Upper
83 100
55 68.1 59.3 88.9
98 49.5 39.6 59.4



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





#40

Benzene

Concen: 60.310 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

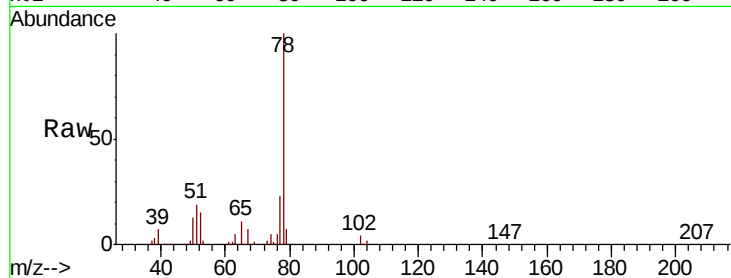
ClientSampled :

Tot Ion: 78 Resp: 270162

Ion Ratio Lower Upper

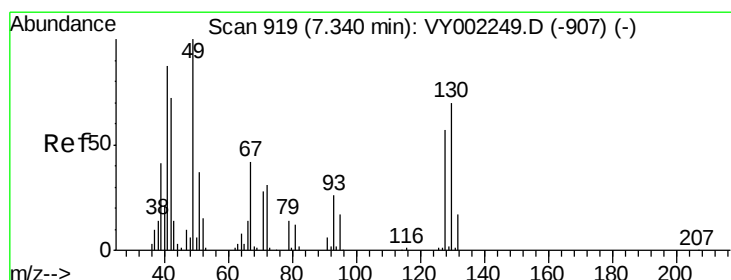
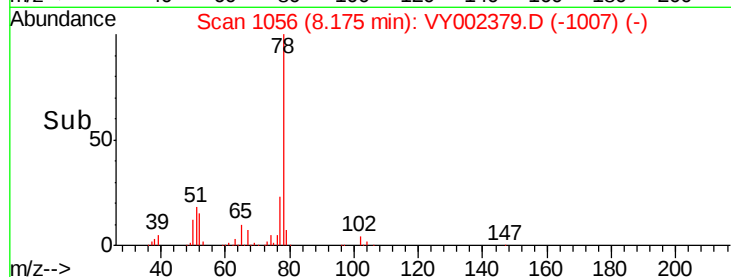
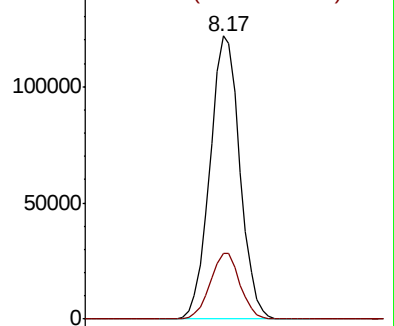
78 100

77 23.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#41

Methacrylonitrile

Concen: 126.672 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.03 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Tgt Ion: 41 Resp: 63028

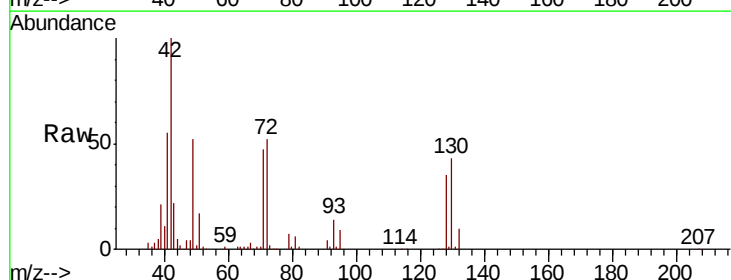
Ion Ratio Lower Upper

41 100

39 42.8 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

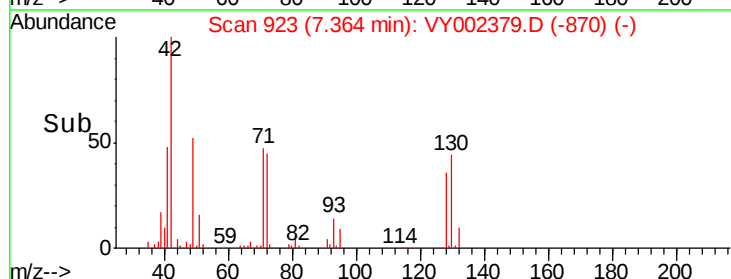
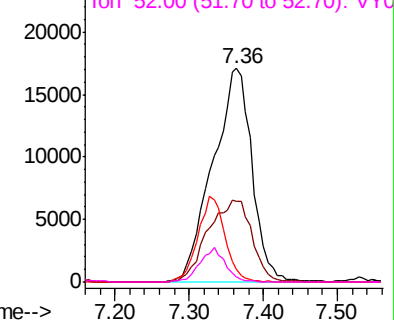


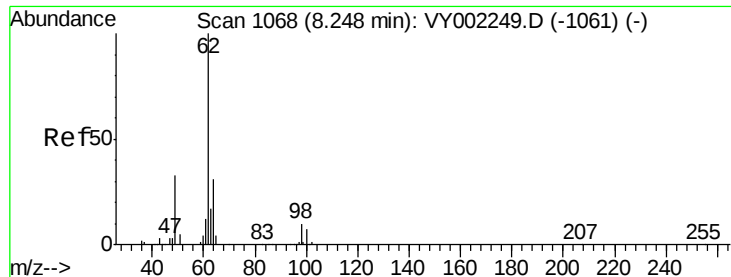
Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 58.530 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

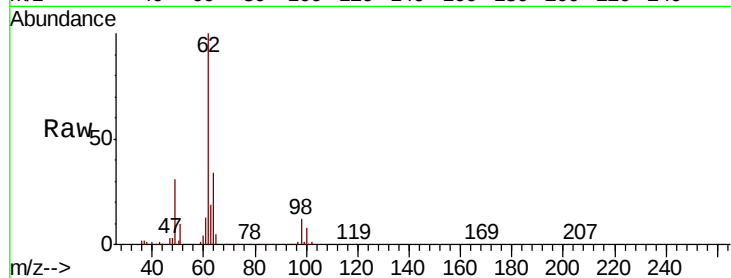
ClientSampleId :

Tot Ion: 62 Resp: 64948

Ion Ratio Lower Upper

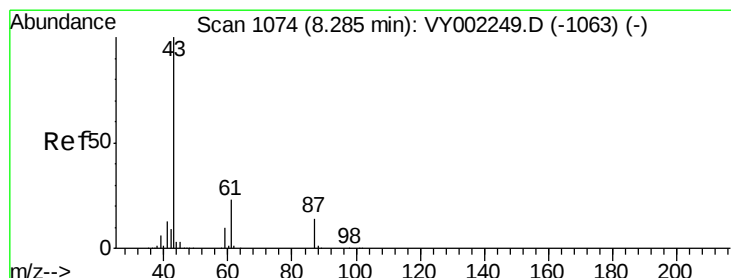
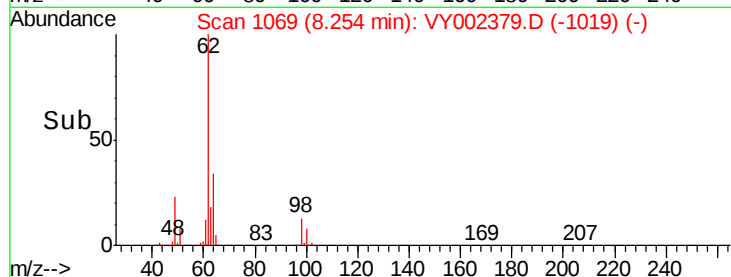
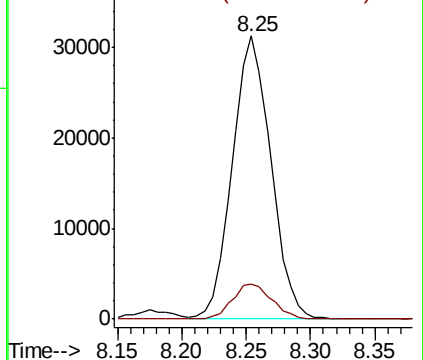
62 100

98 12.7 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#43

Isopropyl Acetate

Concen: 11.734 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

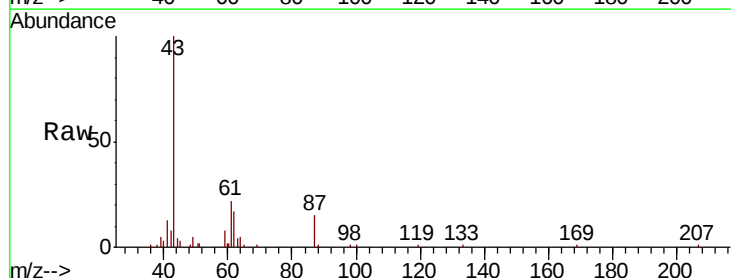
Tgt Ion: 43 Resp: 18051

Ion Ratio Lower Upper

43 100

61 0.0 24.9 37.3#

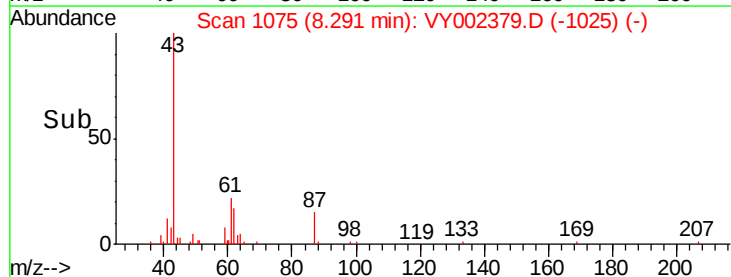
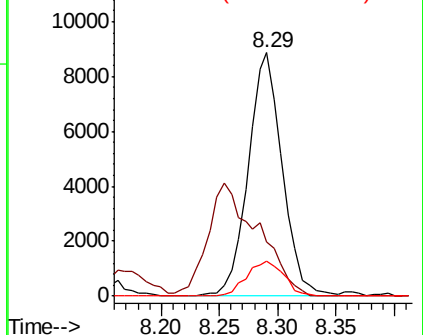
87 15.8 11.7 17.5

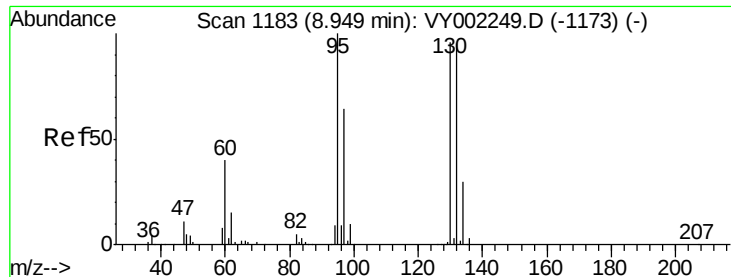


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#44

Trichloroethene

Concen: 49.534 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

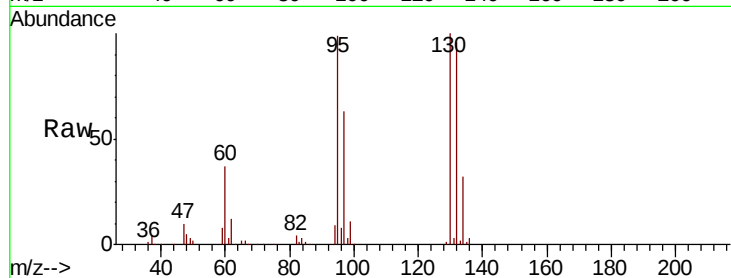
ClientSampleId :

Tot Ion:130 Resp: 65236

Ion Ratio Lower Upper

130 100

95 99.2 0.0 208.2

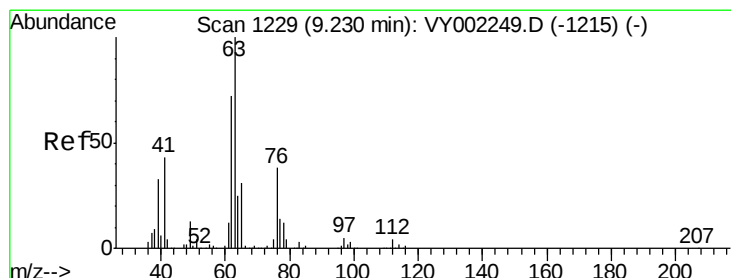
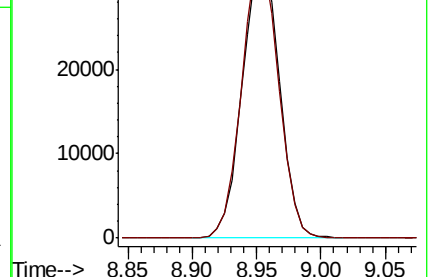
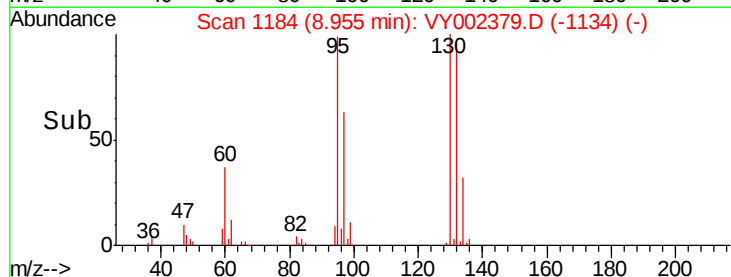


Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)

8.96

Time-->



#45

1,2-Dichloropropane

Concen: 64.116 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002379.D

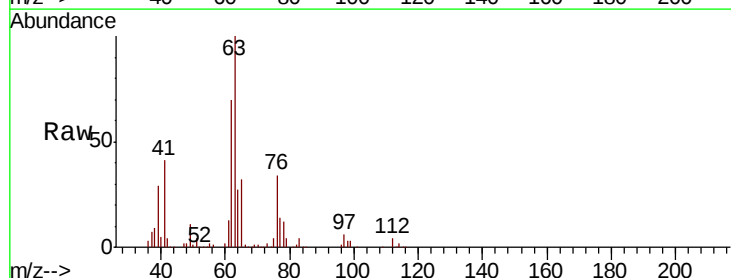
Acq: 16 Apr 2020 19:44

Tgt Ion: 63 Resp: 71262

Ion Ratio Lower Upper

63 100

65 32.4 24.6 37.0

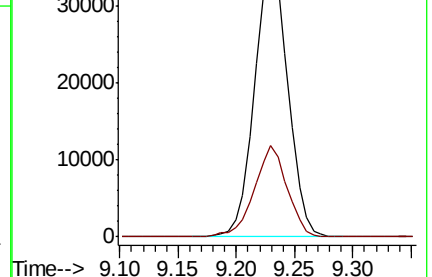
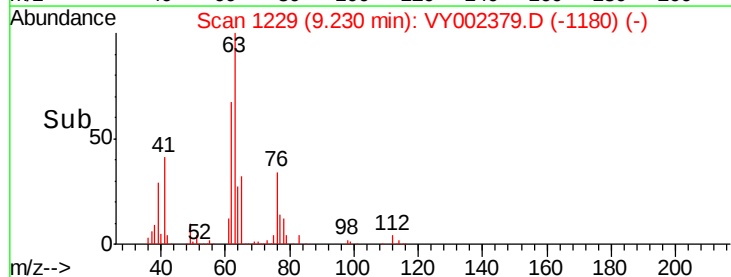


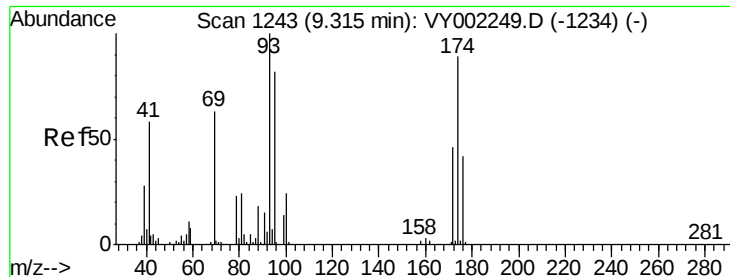
Abundance Ion 62.90 (62.60 to 63.60): VY002249.D (-1215) (-)

Ion 64.90 (64.60 to 65.60): VY002249.D (-1215) (-)

9.23

Time-->





#46

Dibromomethane

Concen: 57.421 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

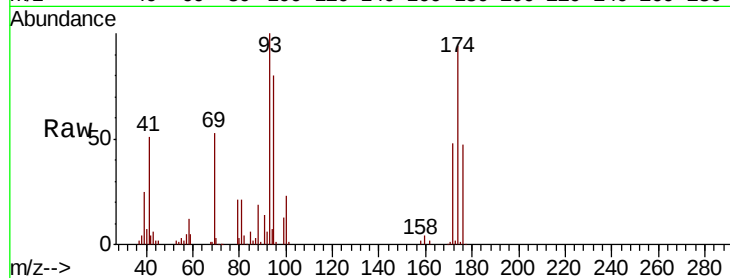
Tot Ion: 93 Resp: 33369

Ion Ratio Lower Upper

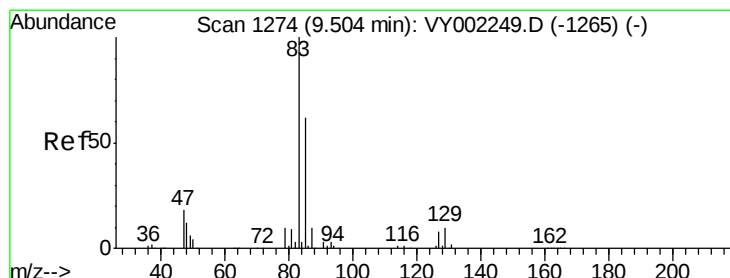
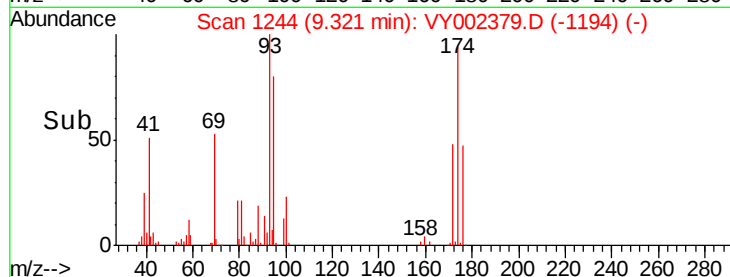
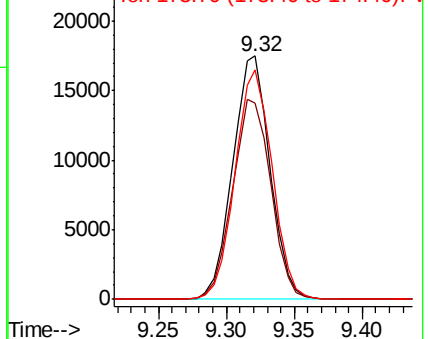
93 100

95 84.5 67.3 100.9

174 94.4 72.5 108.7



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 60.632 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

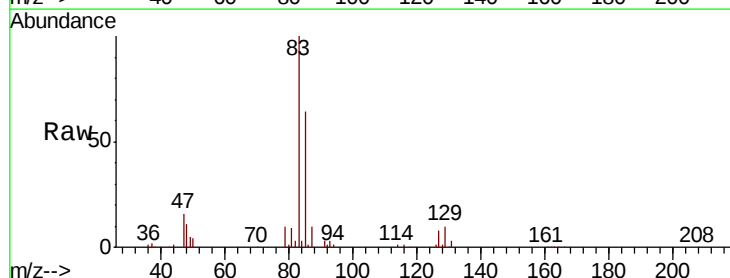
Tgt Ion: 83 Resp: 80848

Ion Ratio Lower Upper

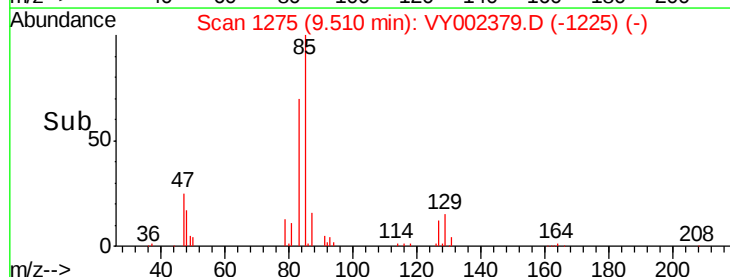
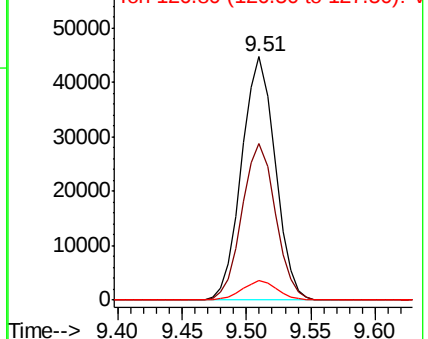
83 100

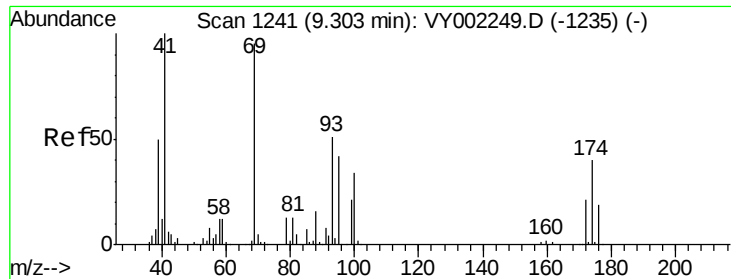
85 64.4 49.7 74.5

127 7.9 6.2 9.4



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

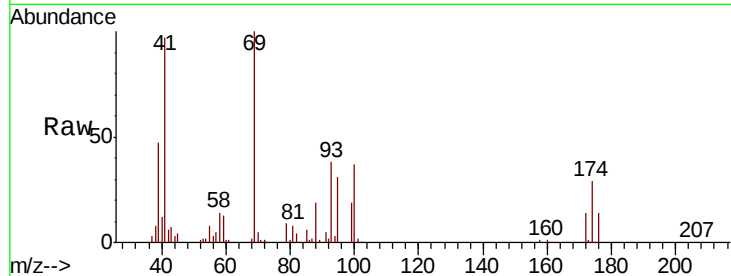




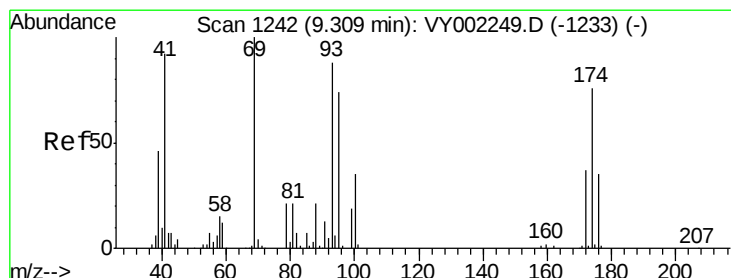
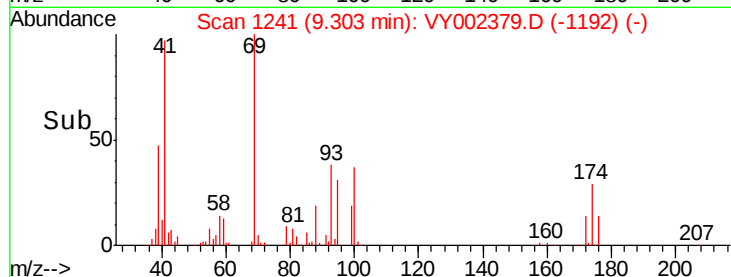
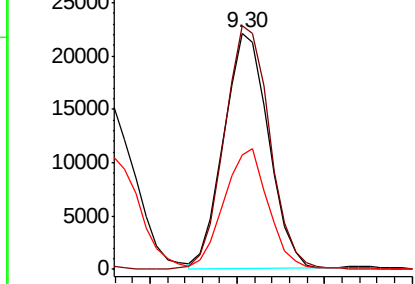
#48
Methvl methacrylate
Concen: 56.552 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 39007
Ion Ratio Lower Upper
41 100
69 105.6 76.7 115.1
39 50.1 40.5 60.7

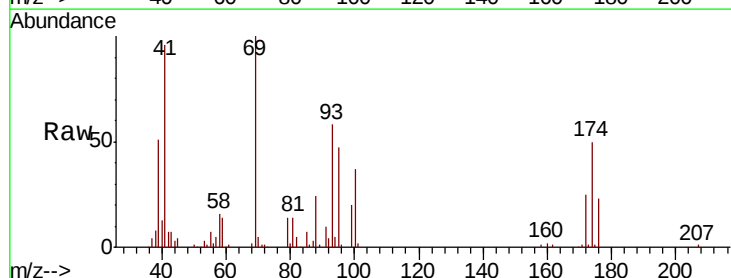


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

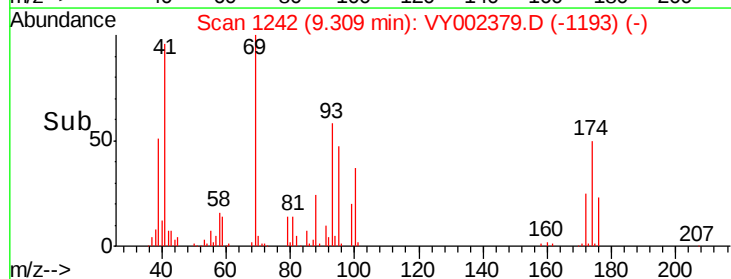
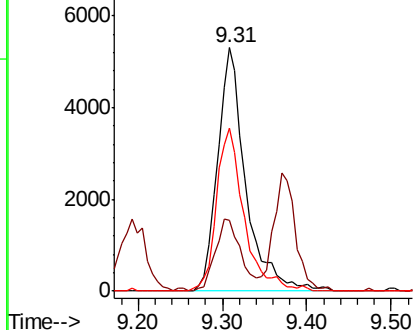


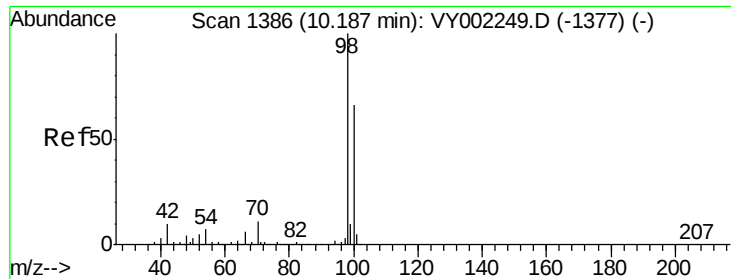
#49
1,4-Dioxane
Concen: 1483.987 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 88 Resp: 12199
Ion Ratio Lower Upper
88 100
43 27.0 22.2 33.2
58 65.4 57.6 86.4



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: 50.602 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

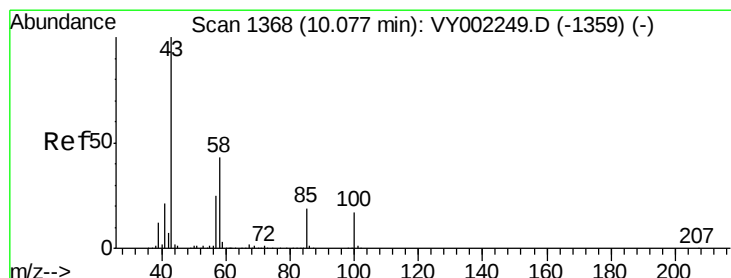
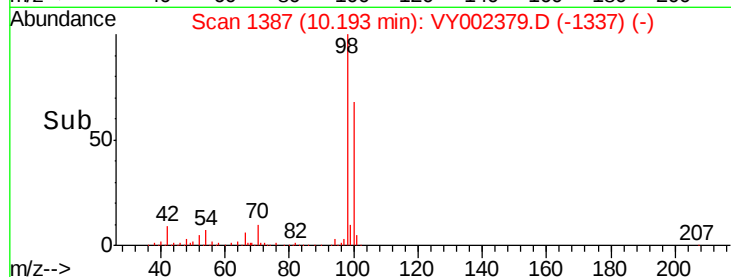
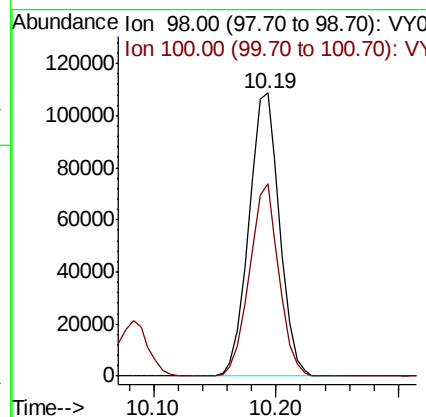
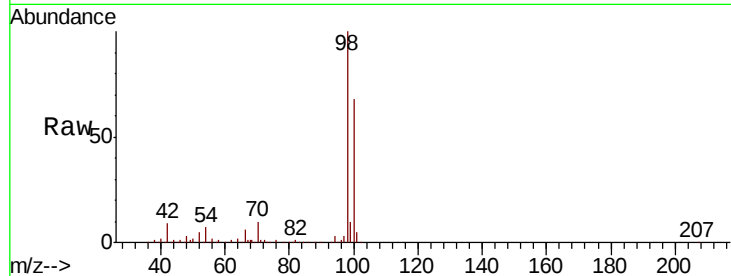
ClientSampled :

Tot Ion: 98 Resp: 188910

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 252.917 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY002379.D

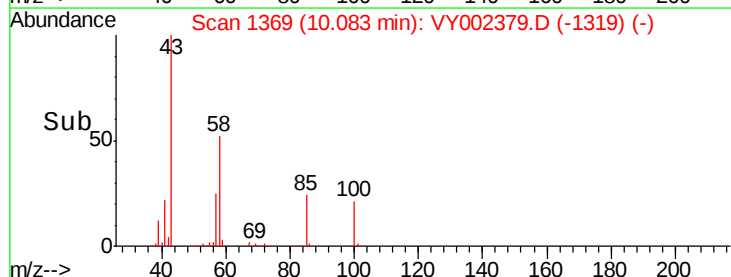
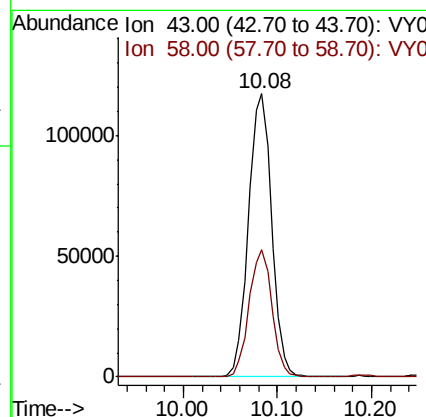
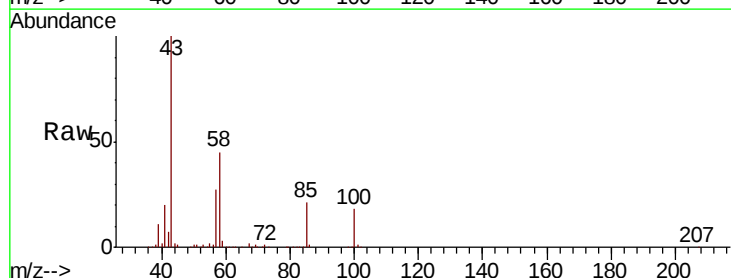
Acq: 16 Apr 2020 19:44

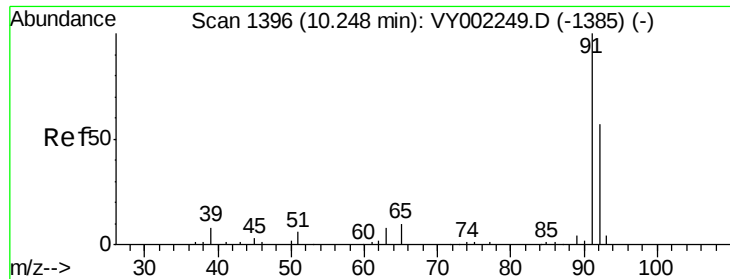
Tgt Ion: 43 Resp: 202732

Ion Ratio Lower Upper

43 100

58 44.4 33.8 50.8





#52

Toluene

Concen: 51.660 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

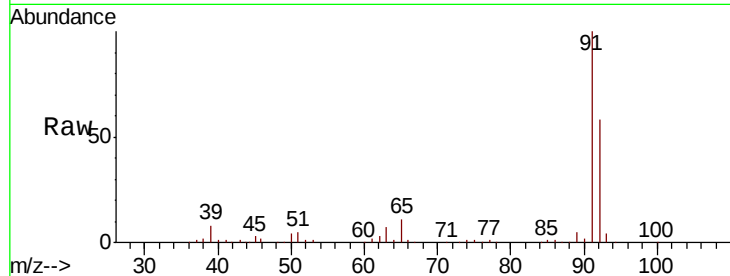
ClientSampleId :

Tot Ion: 92 Resp: 139461

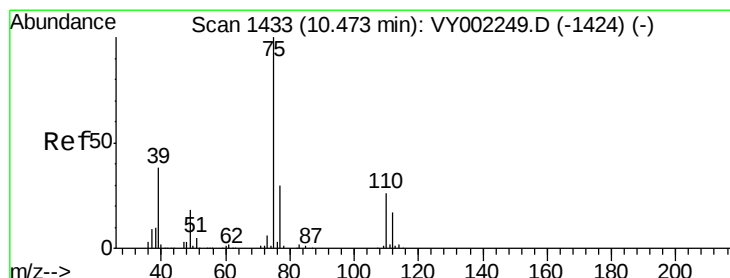
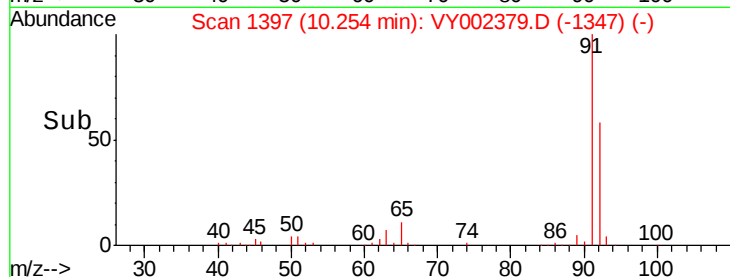
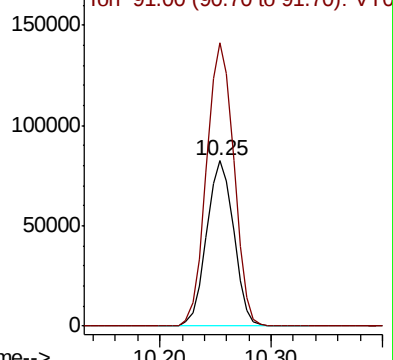
Ion Ratio Lower Upper

92 100

91 172.3 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY002249.D (-1385) (-)



#53

t-1,3-Dichloropropene

Concen: 44.531 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002379.D

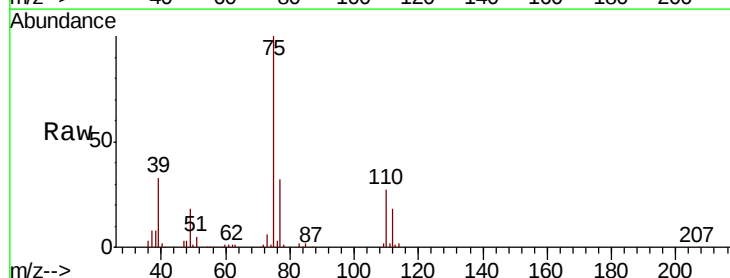
Acq: 16 Apr 2020 19:44

Tgt Ion: 75 Resp: 64696

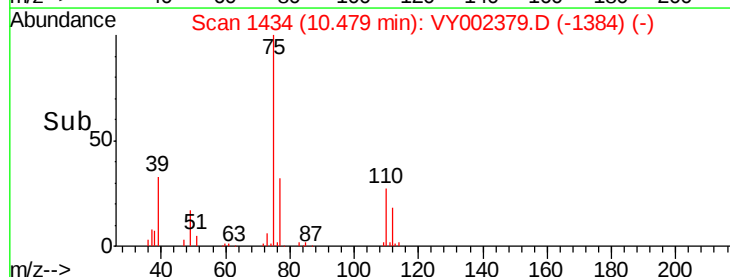
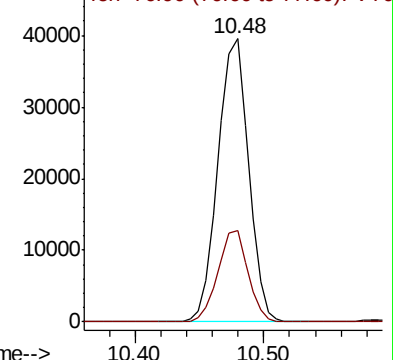
Ion Ratio Lower Upper

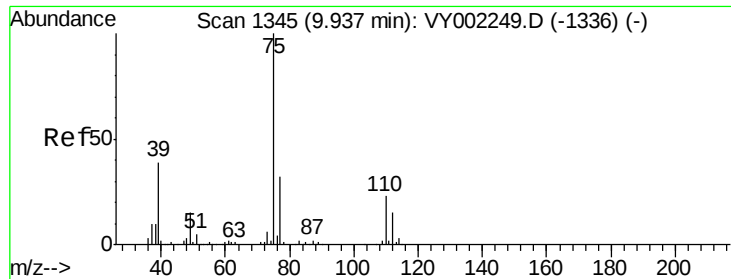
75 100

77 32.1 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1424) (-)

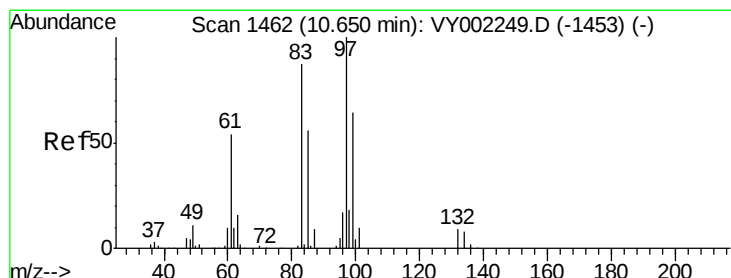
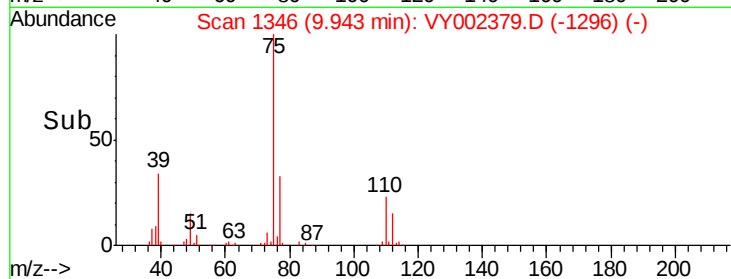
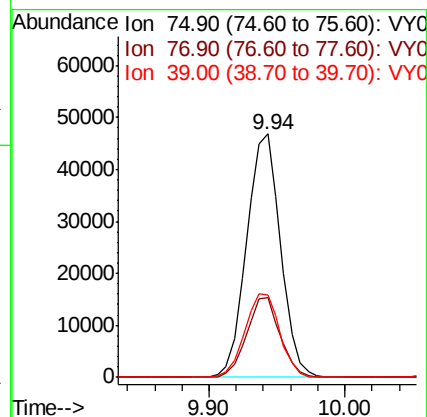
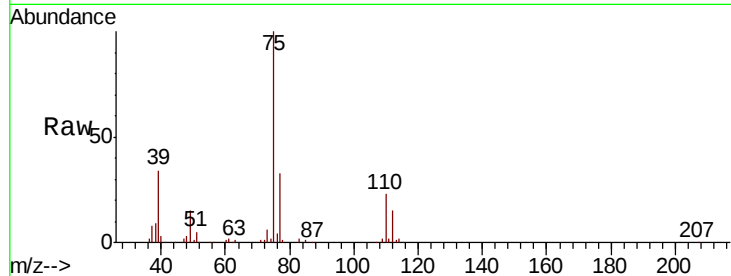




#54
 cis-1,3-Dichloropropene
 Concen: 46.682 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

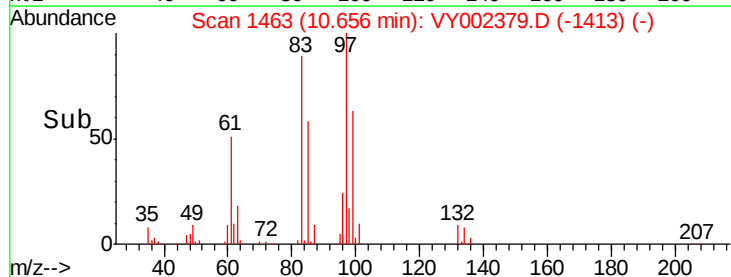
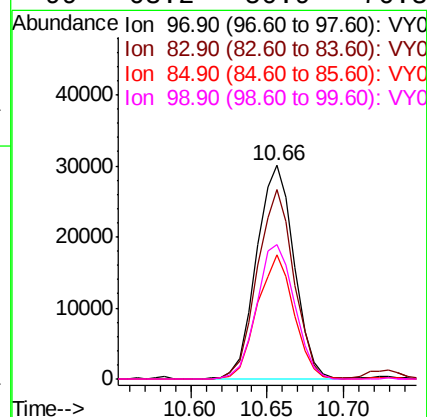
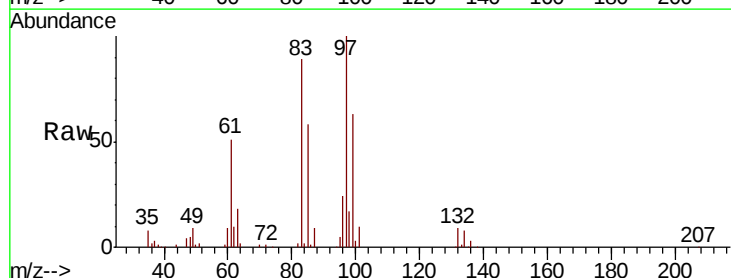
Instrument :
 MSVOA_Y
 ClientSampled :

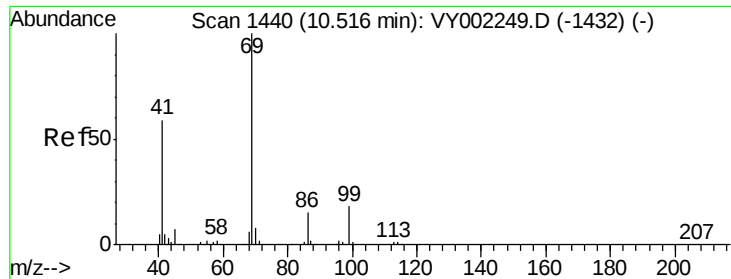
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.8	38.8
39	33.7	30.8	46.2



#55
 1,1,2-Trichloroethane
 Concen: 60.491 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.5	104.3
85	58.3	45.2	67.8
99	63.2	50.9	76.3

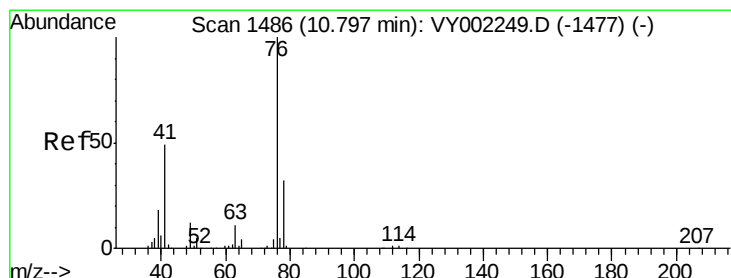
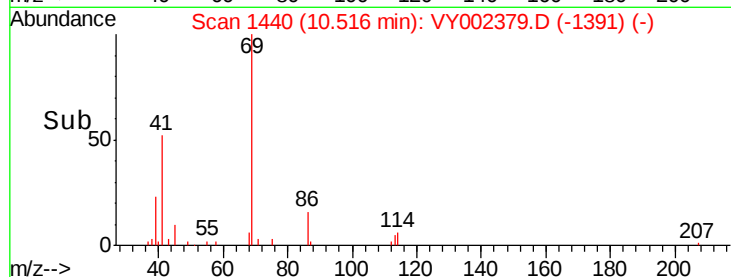
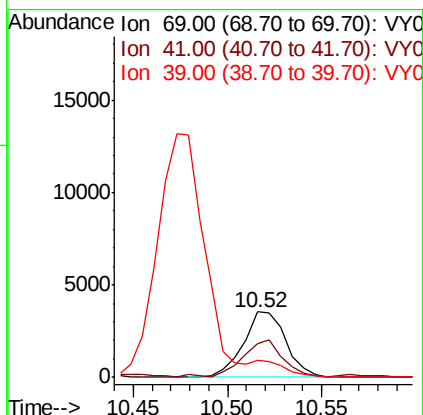
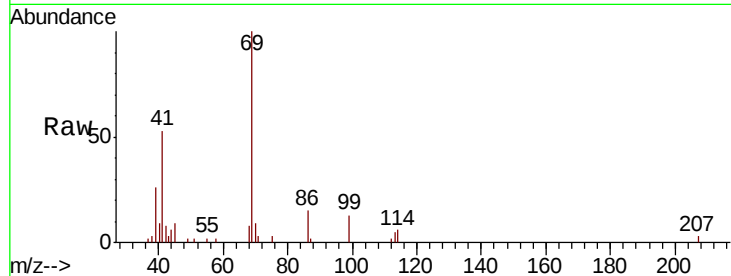




#56
Ethyl methacrylate
Concen: 4.553 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

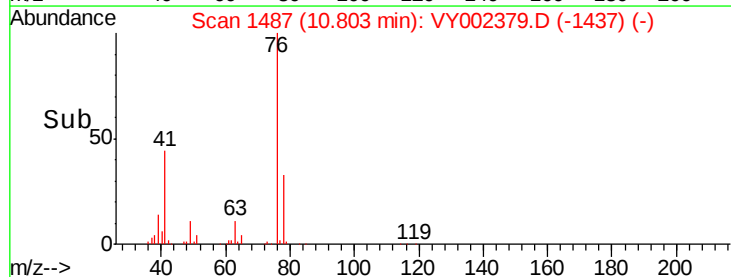
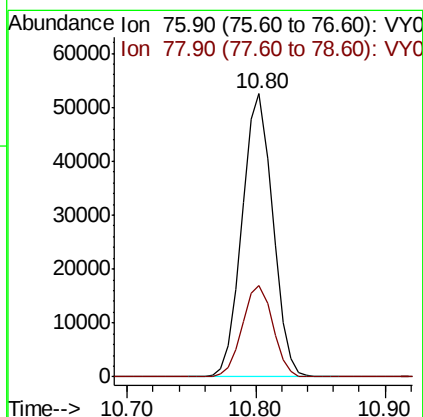
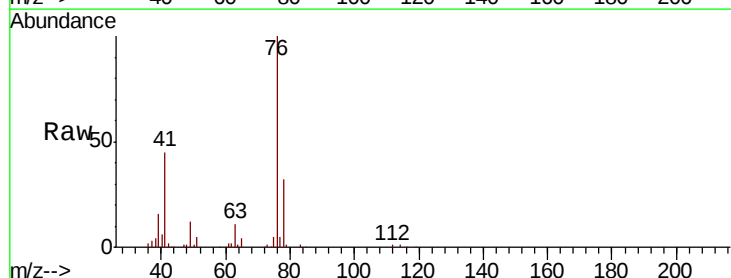
Instrument :
MSVOA_Y
ClientSampleId :

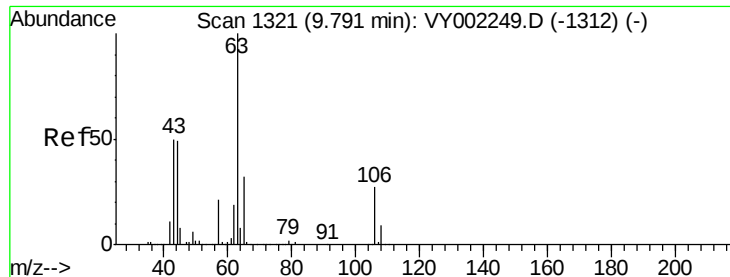
Tot Ion: 69 Resp: 5529
Ion Ratio Lower Upper
69 100
41 54.3 47.9 71.9
39 0.0 23.8 35.6#



#57
1,3-Dichloropropane
Concen: 57.763 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 76 Resp: 86382
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

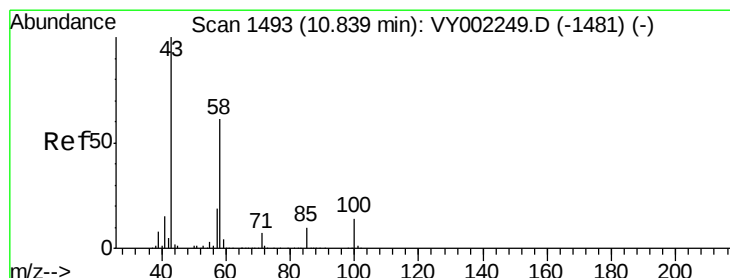
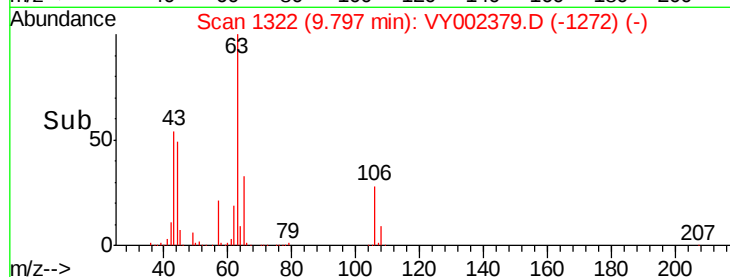
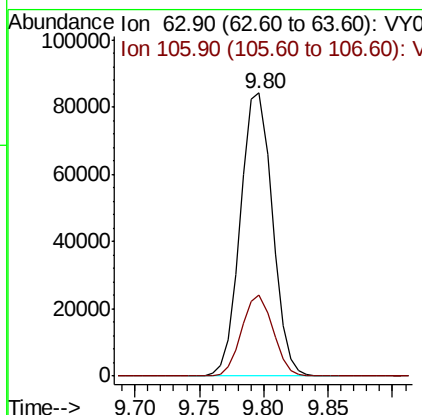
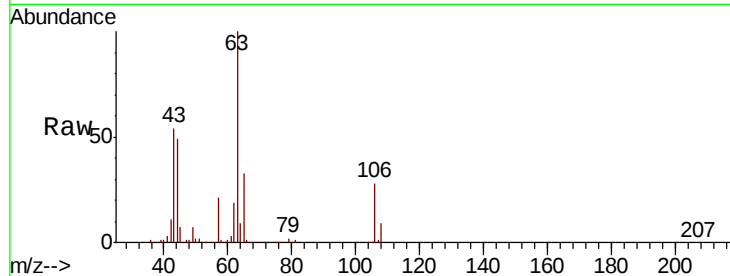




#58
 2-Chloroethyl Vinyl ether
 Concen: 230.276 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

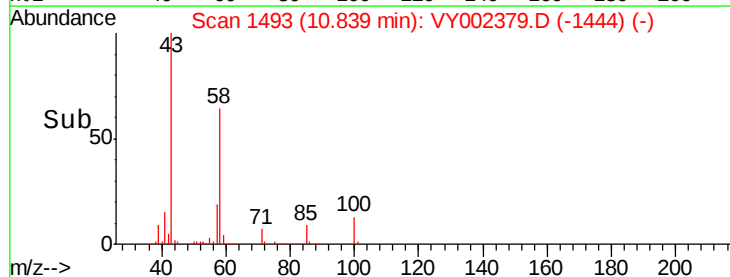
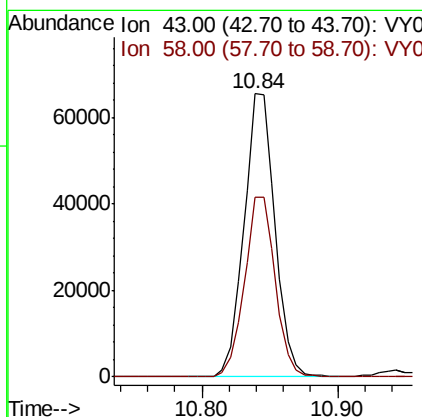
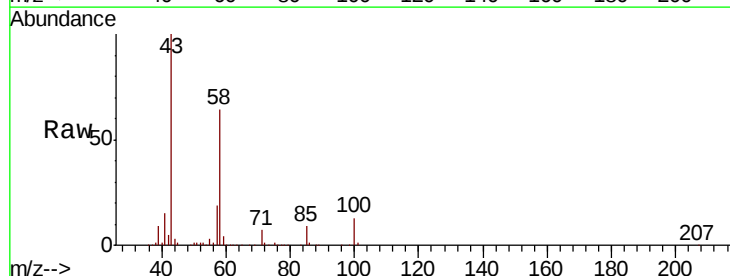
Instrument :
 MSVOA_Y
 ClientSampleId :

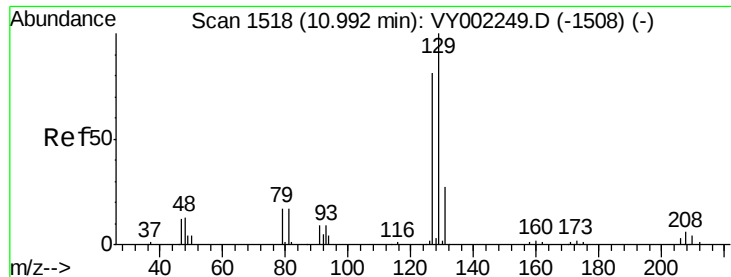
Tot Ion: 63 Resp: 144803
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.2 33.2



#59
 2-Hexanone
 Concen: 187.101 ug/l
 RT: 10.84 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion: 43 Resp: 104087
 Ion Ratio Lower Upper
 43 100
 58 63.3 29.8 89.3

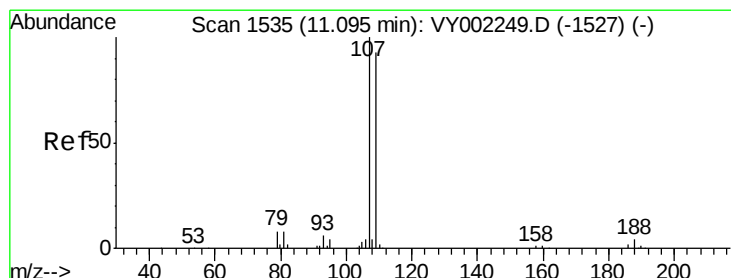
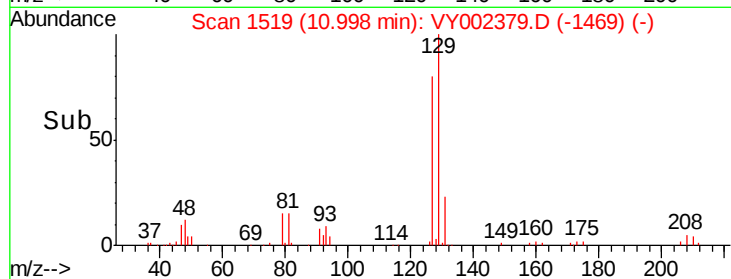
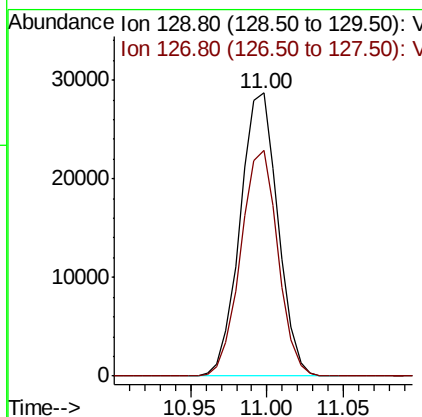
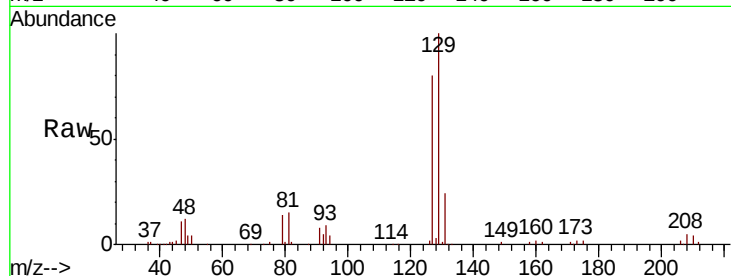




#60
 Dibromochloromethane
 Concen: 54.287 ug/l
 RT: 11.00 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

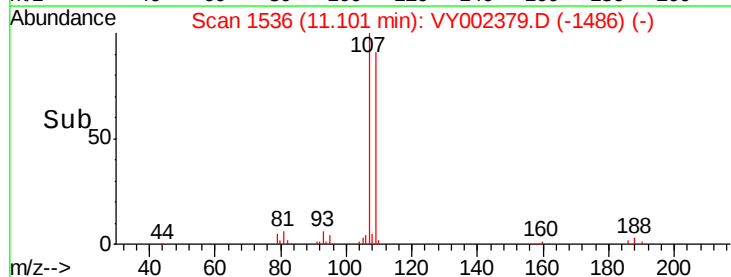
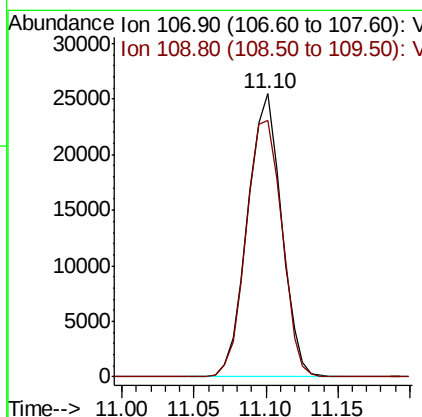
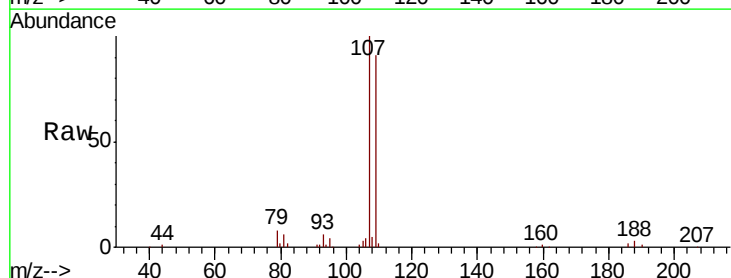
Instrument :
 MSVOA_Y
 ClientSampleId :

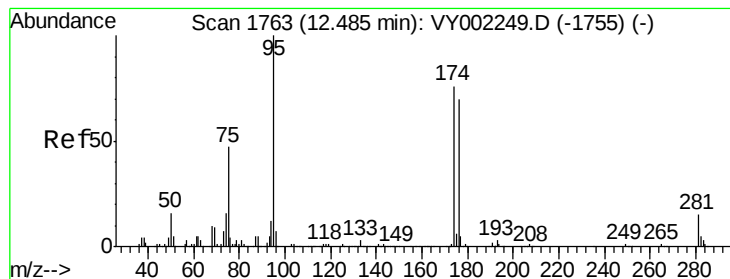
Tot Ion:129 Resp: 49250
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.0 117.0



#61
 1,2-Dibromoethane
 Concen: 51.264 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion:107 Resp: 41522
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4





#62

4-Bromofluorobenzene

Concen: 29.668 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

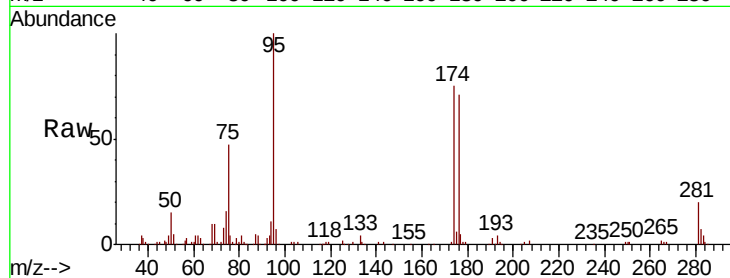
Tot Ion: 95 Resp: 36540

Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.6

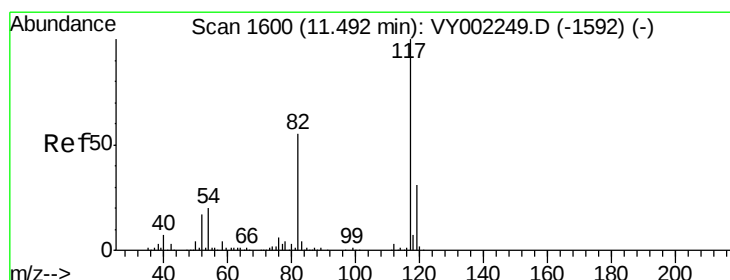
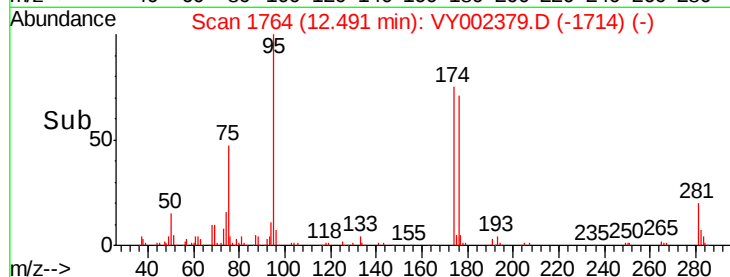
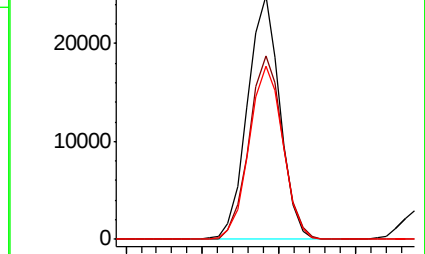
176 74.5 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

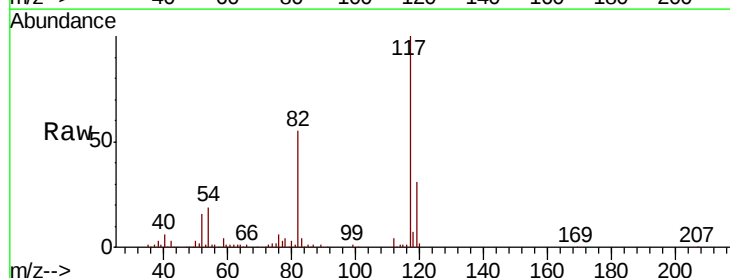
Tgt Ion: 117 Resp: 99554

Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.4

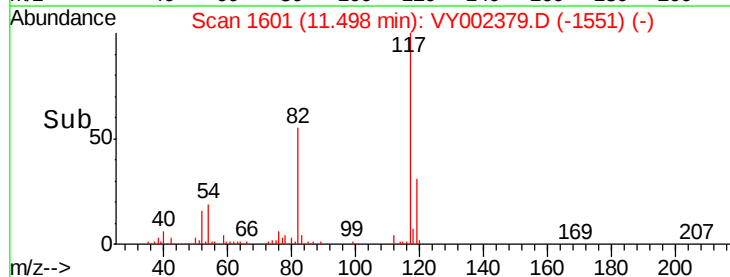
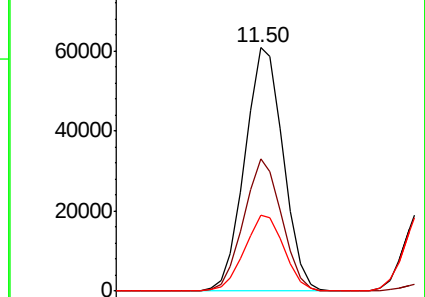
119 31.0 25.1 37.7

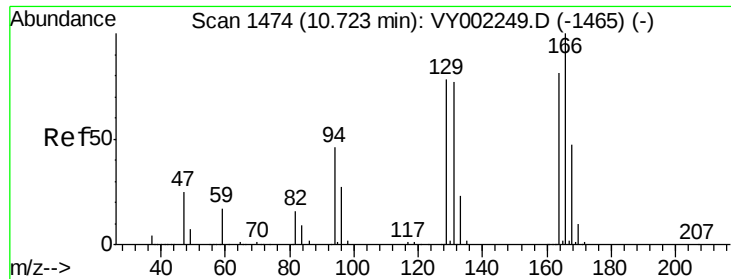


Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

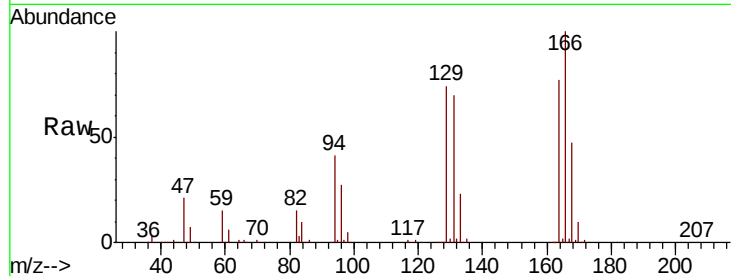




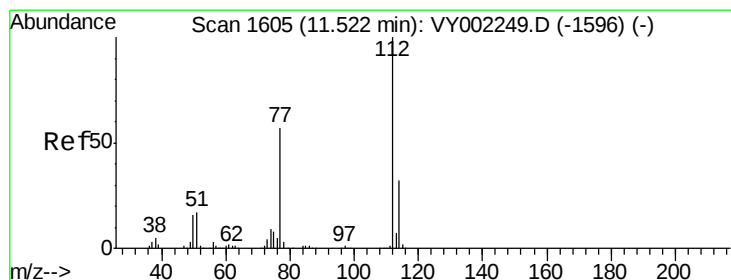
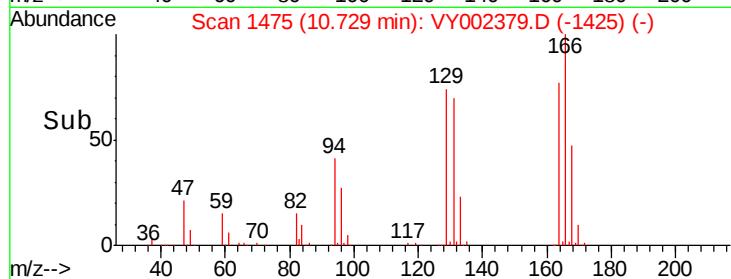
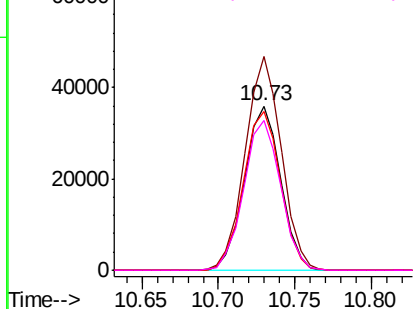
#64
Tetrachloroethene
Concen: 58.941 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:164 Resp: 59325
Ion Ratio Lower Upper
164 100
166 129.9 98.4 147.6
129 96.4 76.6 115.0
131 90.8 75.4 113.2

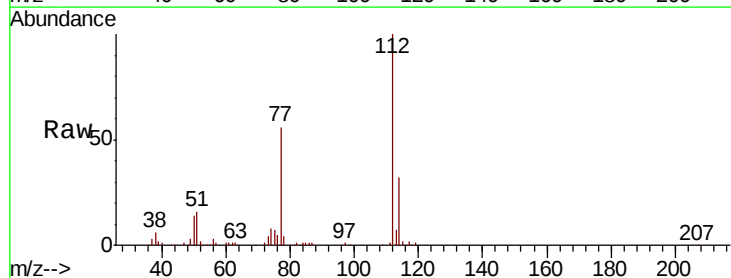


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

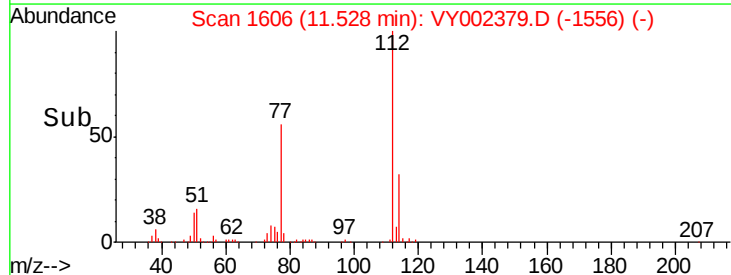
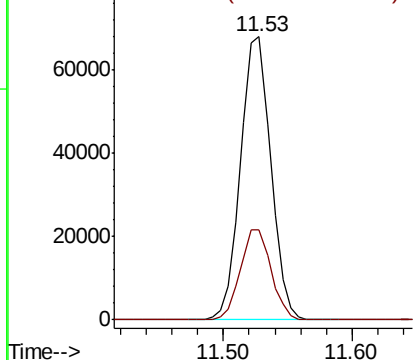


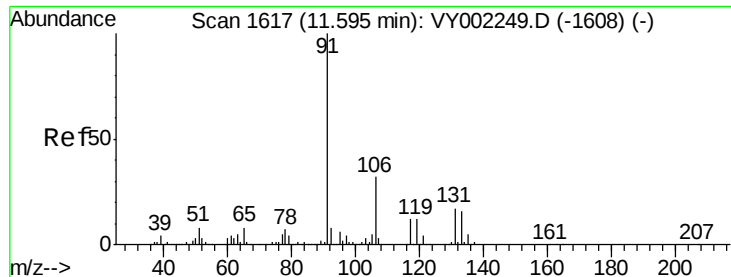
#65
Chlorobenzene
Concen: 53.426 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion:112 Resp: 110562
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 76.344 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

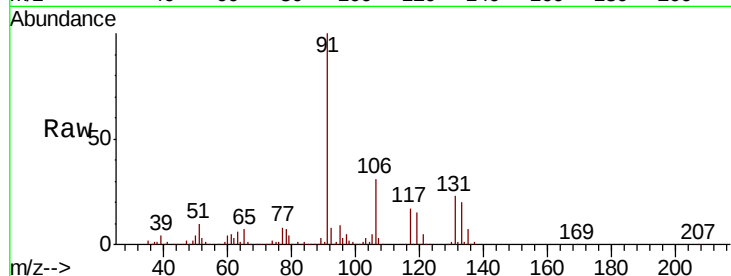
Tot Ion:131 Resp: 52162

Ion Ratio Lower Upper

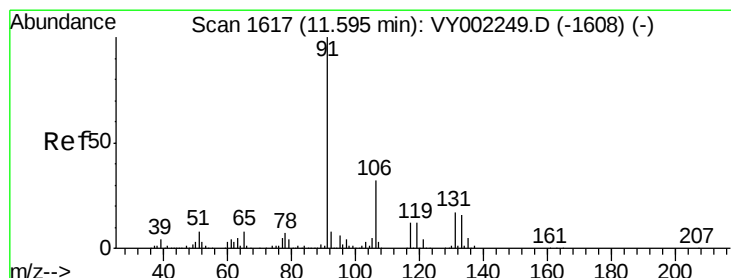
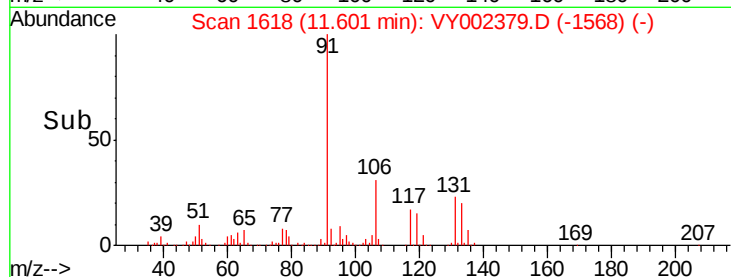
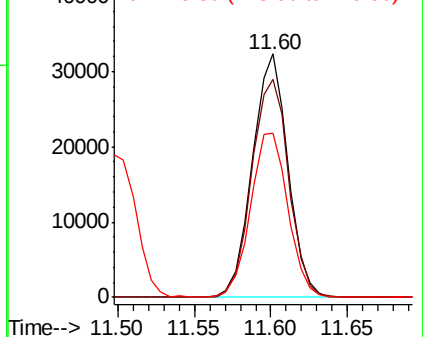
131 100

133 93.5 46.5 139.3

119 71.3 34.5 103.6



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 57.644 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002379.D

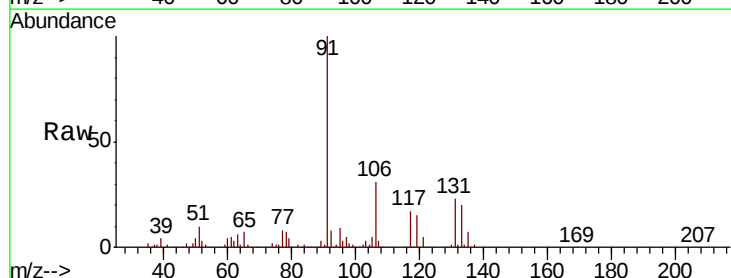
Acq: 16 Apr 2020 19:44

Tgt Ion: 91 Resp: 218383

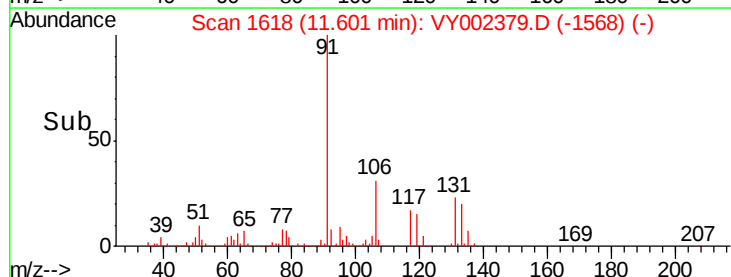
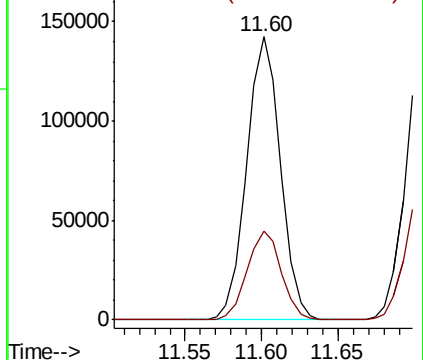
Ion Ratio Lower Upper

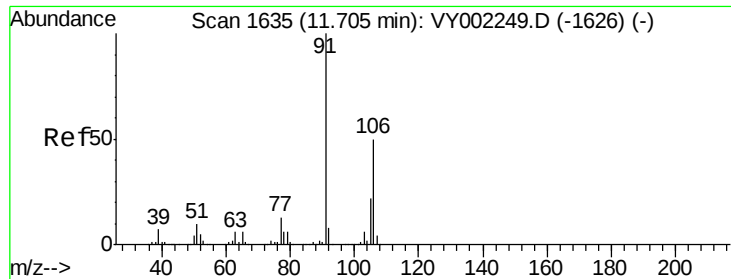
91 100

106 31.3 25.4 38.0



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

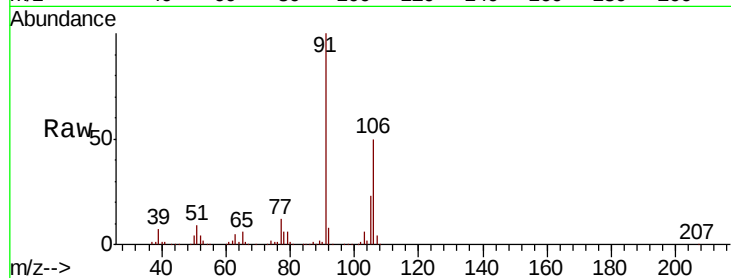




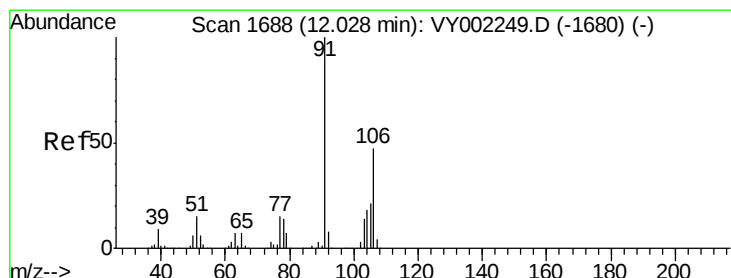
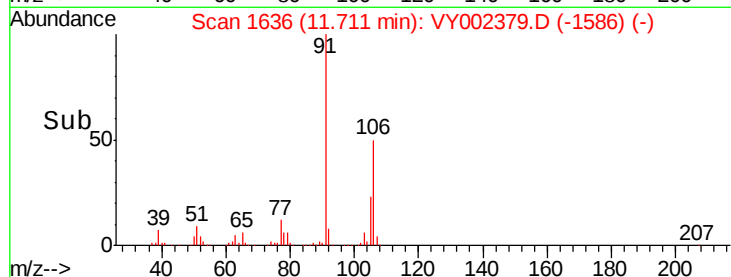
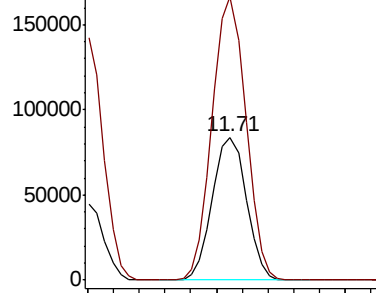
#68
m/p-Xylenes
Concen: 108.620 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 154127
Ion Ratio Lower Upper
106 100
91 196.5 159.8 239.6

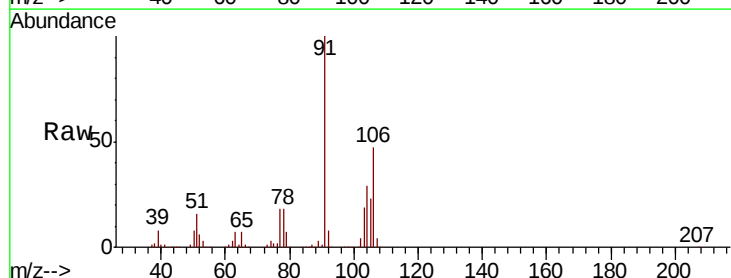


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

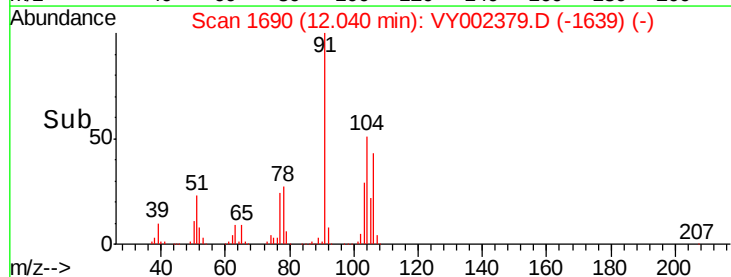
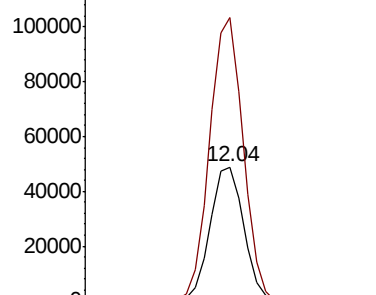


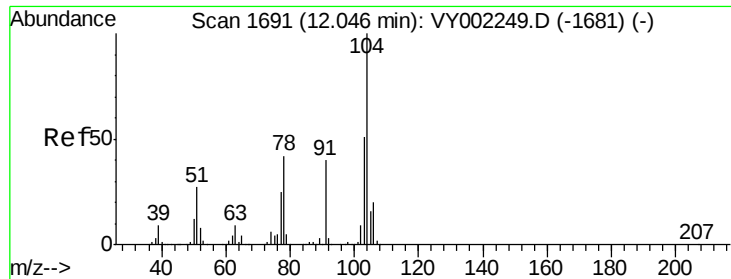
#69
o-Xylene
Concen: 59.399 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion:106 Resp: 79129
Ion Ratio Lower Upper
106 100
91 209.9 105.8 317.3



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

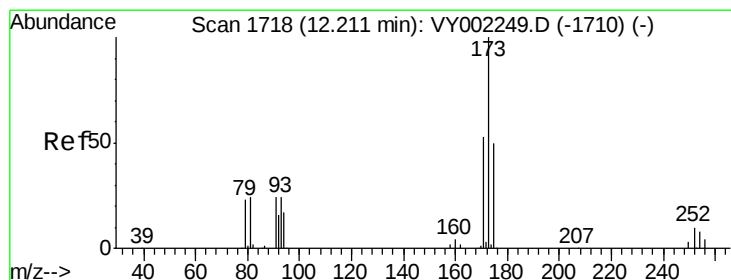
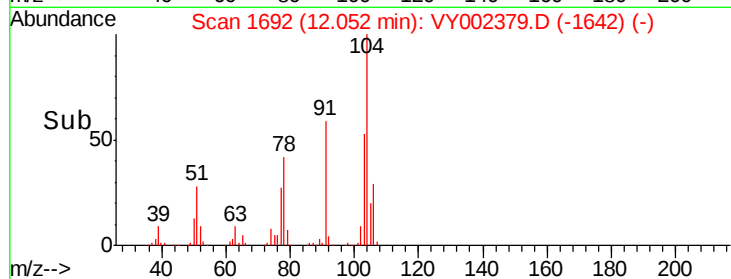
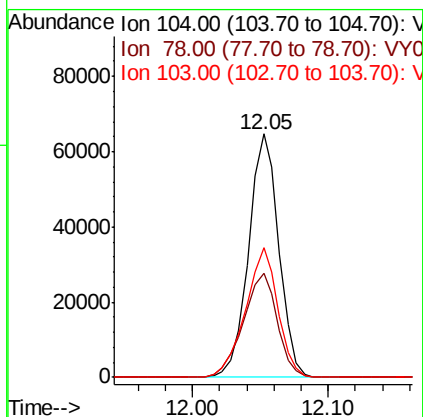
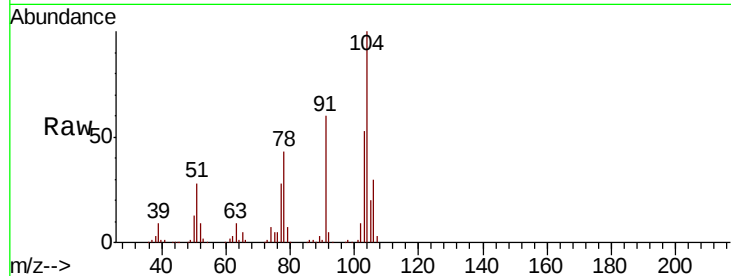




#70
Stvrene
Concen: 43.537 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

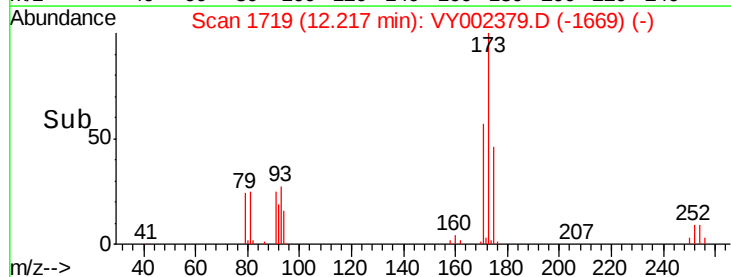
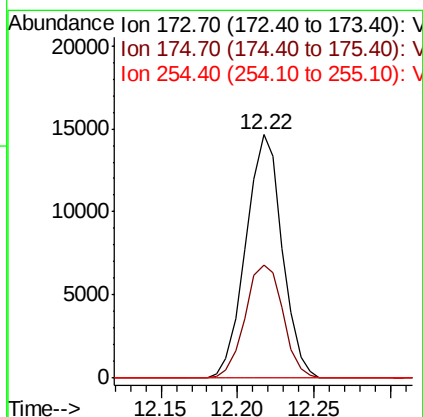
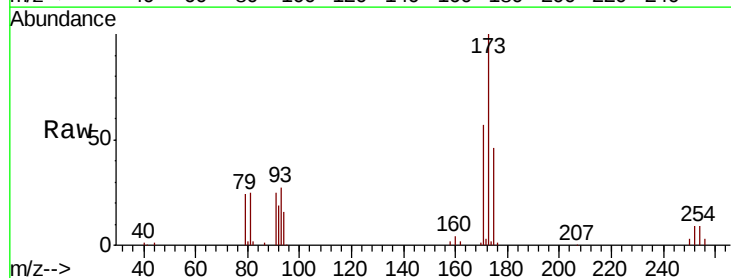
Instrument :
MSVOA_Y
ClientSampleId :

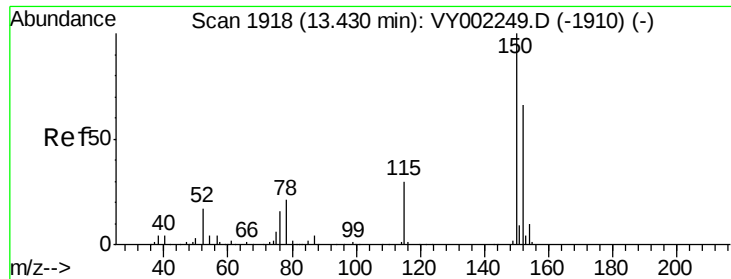
Tot Ion:104 Resp: 100624
Ion Ratio Lower Upper
104 100
78 48.1 37.2 55.8
103 57.0 43.4 65.0



#71
Bromoform
Concen: 65.029 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion:173 Resp: 24162
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

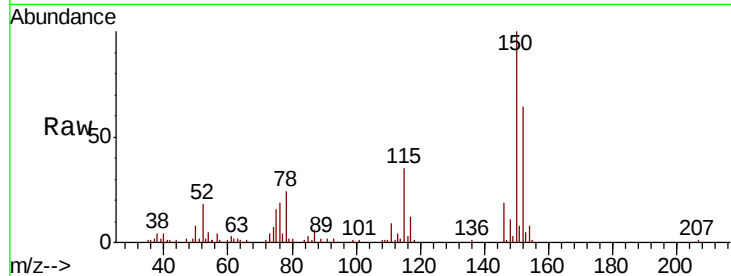
Tot Ion:152 Resp: 25592

Ion Ratio Lower Upper

152 100

115 59.6 30.7 92.1

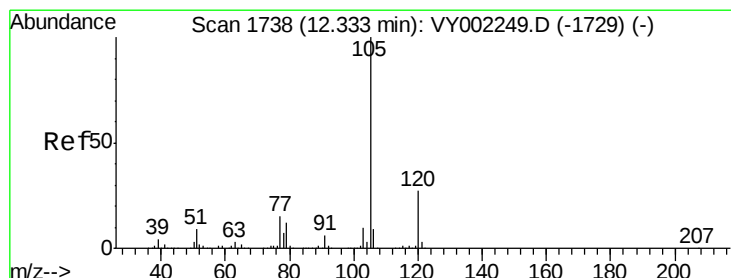
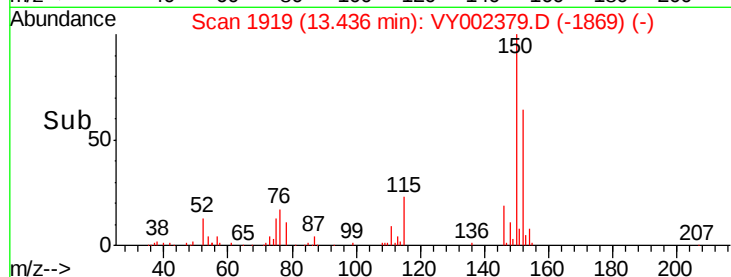
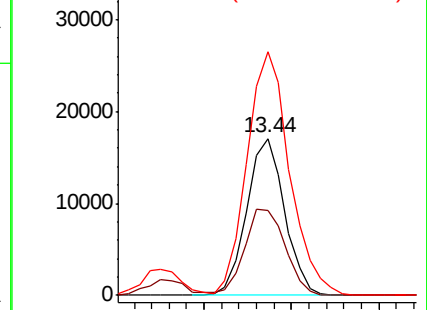
150 175.0 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 96.189 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002379.D

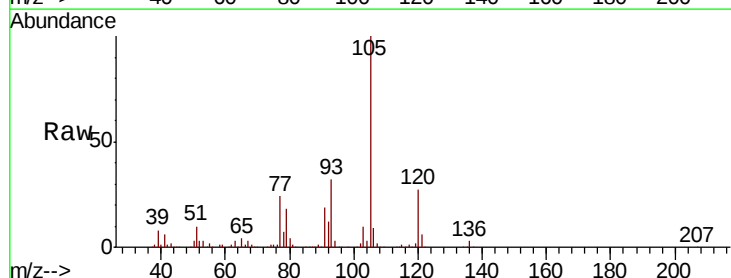
Acq: 16 Apr 2020 19:44

Tgt Ion:105 Resp: 193391

Ion Ratio Lower Upper

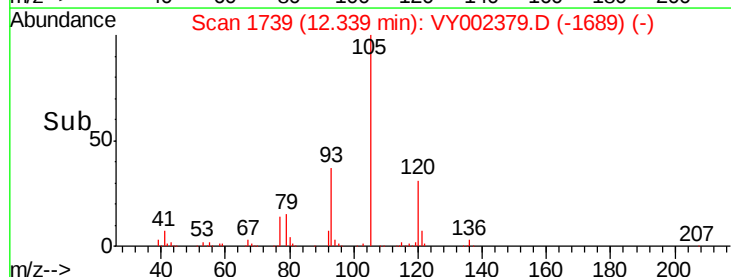
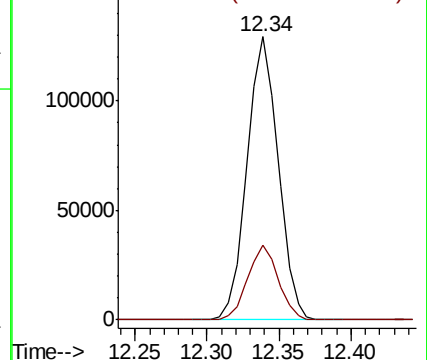
105 100

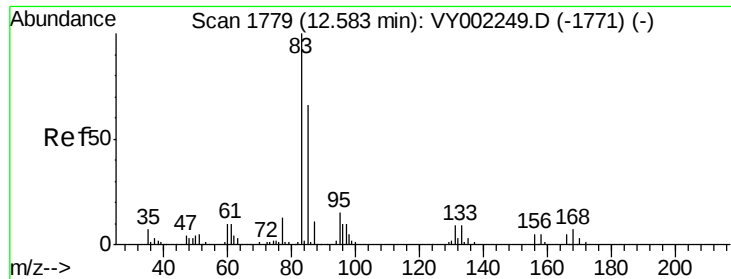
120 25.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 134.961 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

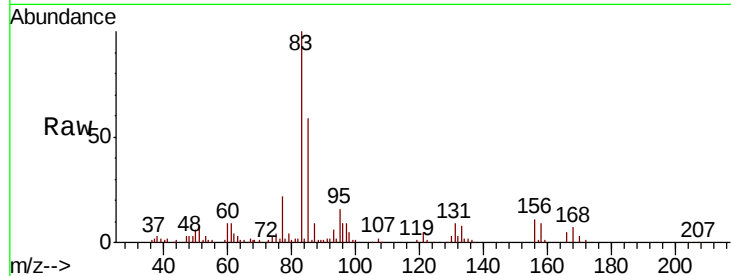
Tot Ion: 83 Resp: 32829

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

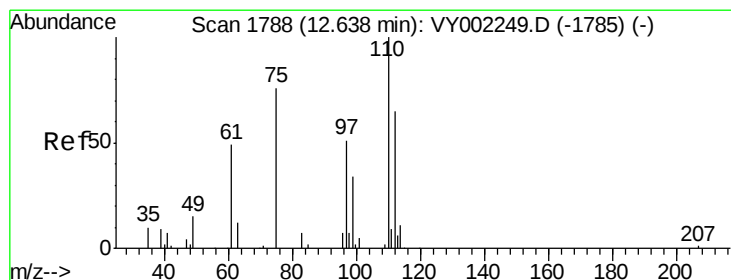
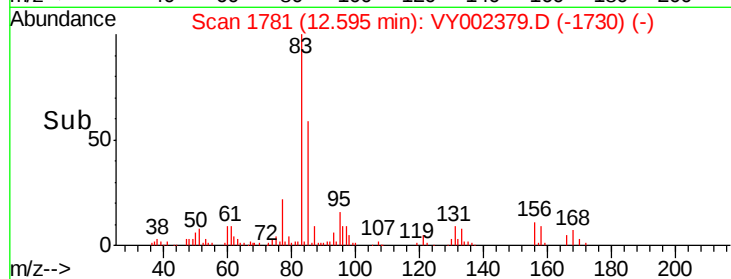
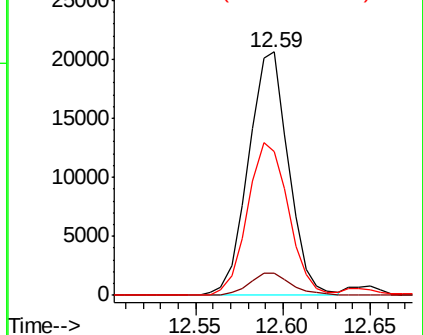
85 64.0 32.6 97.8



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

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

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



#76

1,2,3-Trichloropropane

Concen: 194.031 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002379.D

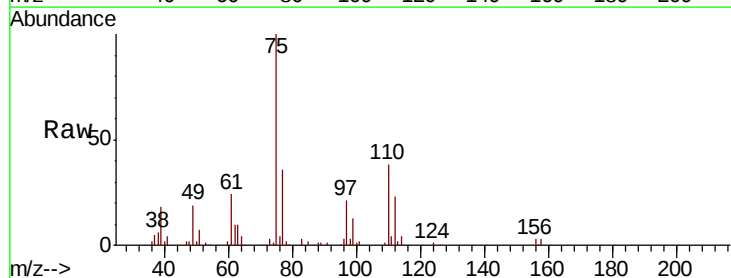
Acq: 16 Apr 2020 19:44

Tgt Ion: 75 Resp: 57662

Ion Ratio Lower Upper

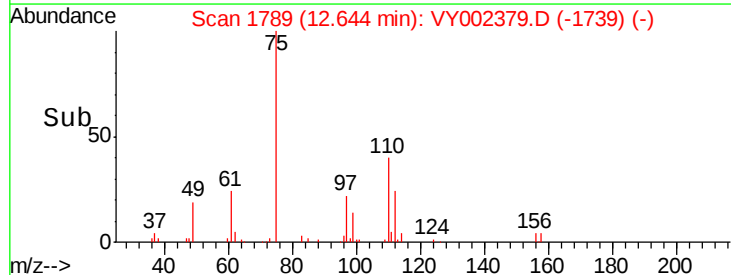
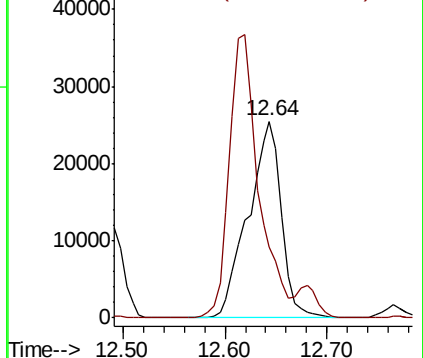
75 100

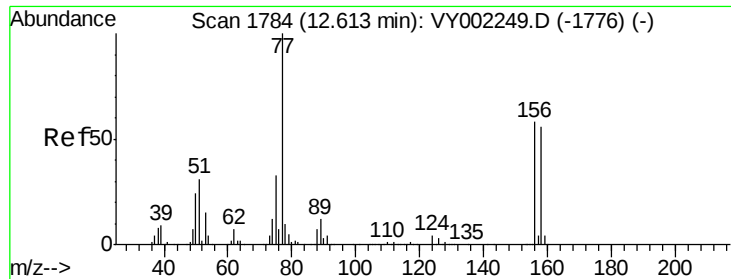
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 77.134 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampled :

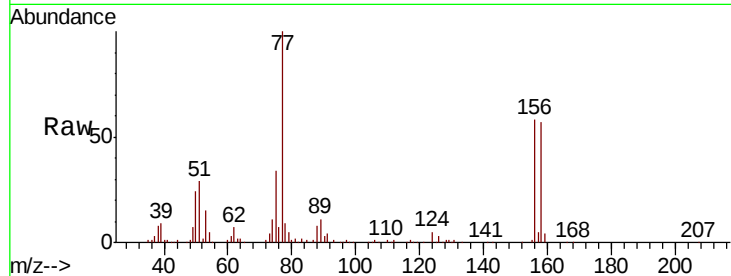
Tot Ion:156 Resp: 34119

Ion Ratio Lower Upper

156 100

77 213.7 101.3 303.9

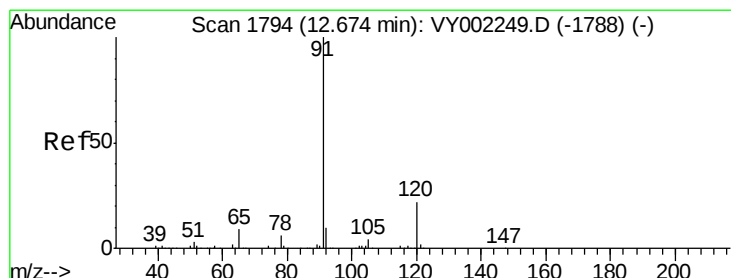
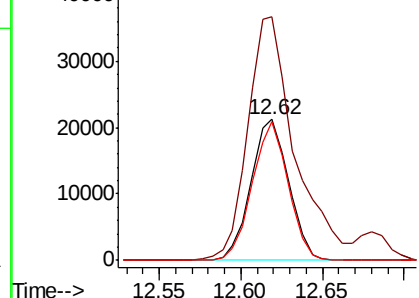
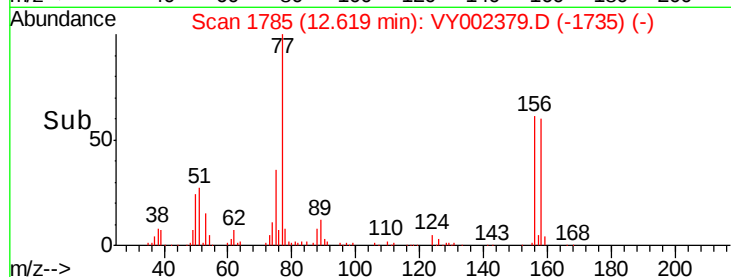
158 93.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 71.895 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002379.D

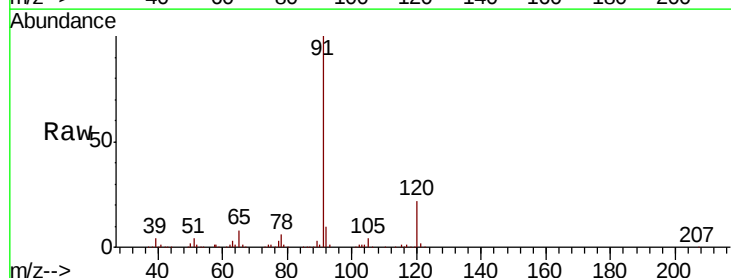
Acq: 16 Apr 2020 19:44

Tgt Ion: 91 Resp: 179774

Ion Ratio Lower Upper

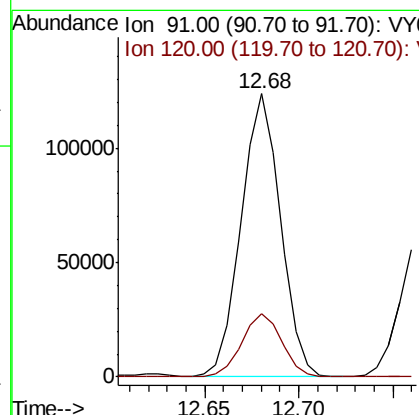
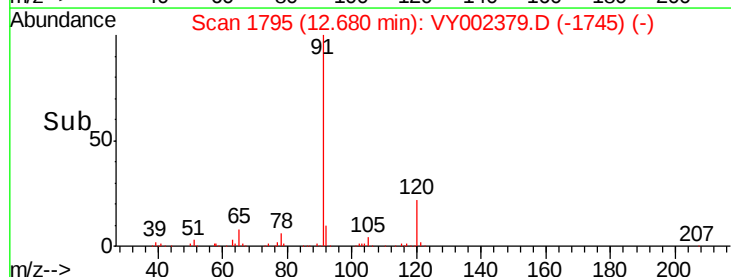
91 100

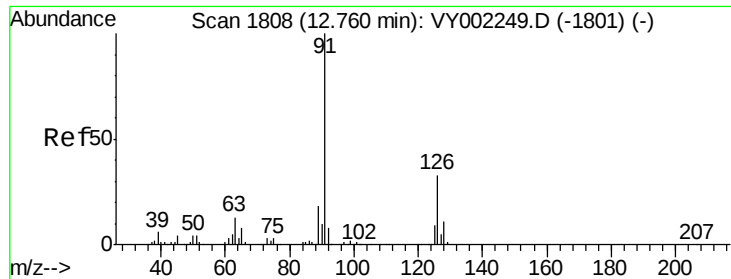
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 73.387 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

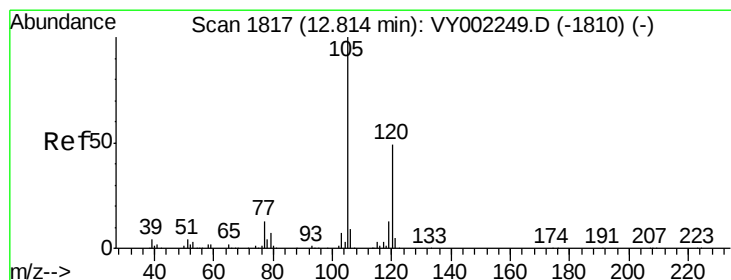
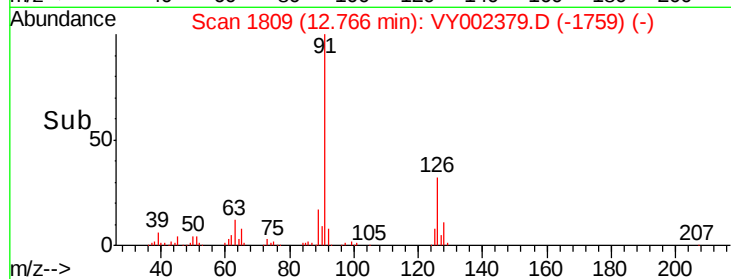
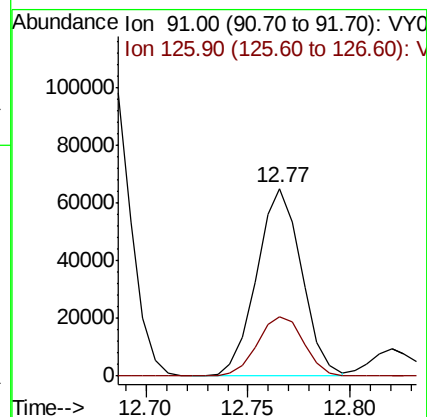
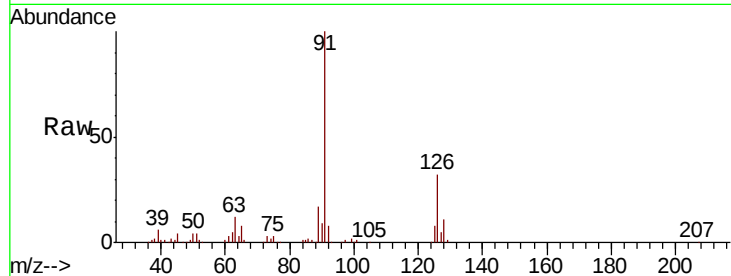
ClientSampled :

Tot Ion: 91 Resp: 99726

Ion Ratio Lower Upper

91 100

126 32.9 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 79.505 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002379.D

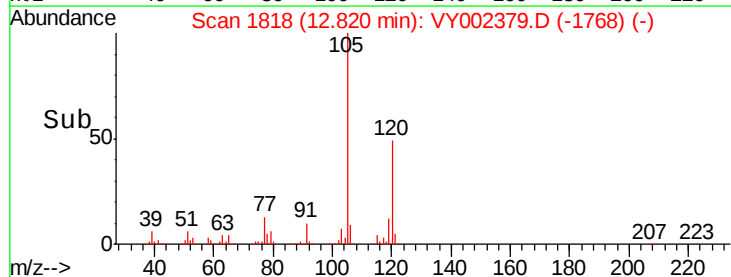
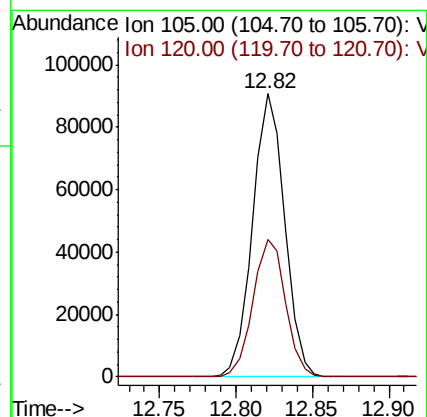
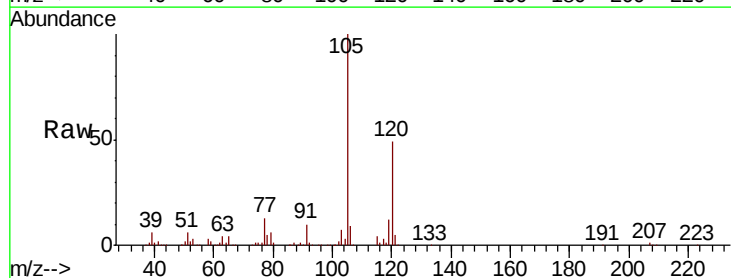
Acq: 16 Apr 2020 19:44

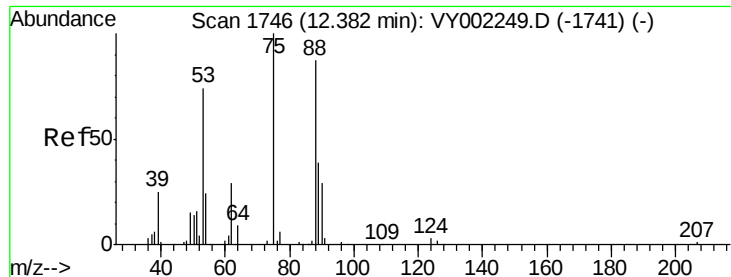
Tgt Ion: 105 Resp: 132198

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1

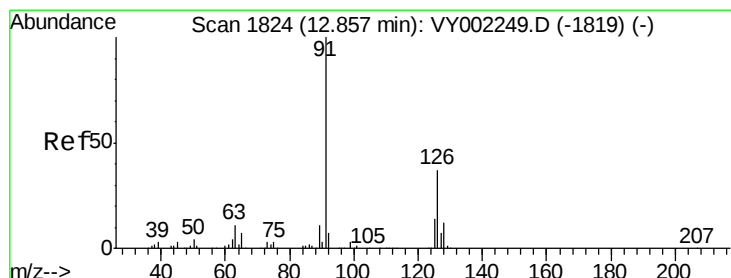
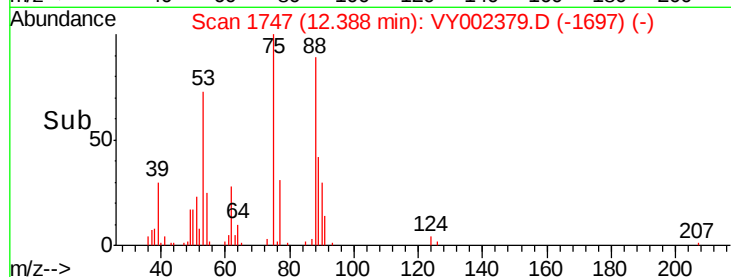
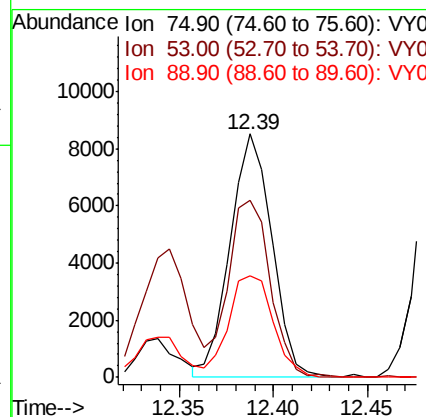
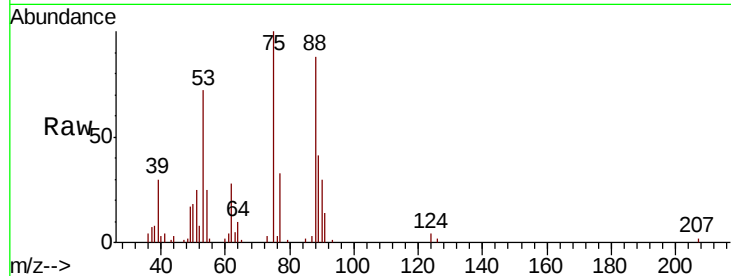




#81
trans-1,4-Dichloro-2-butene
Concen: 85.711 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

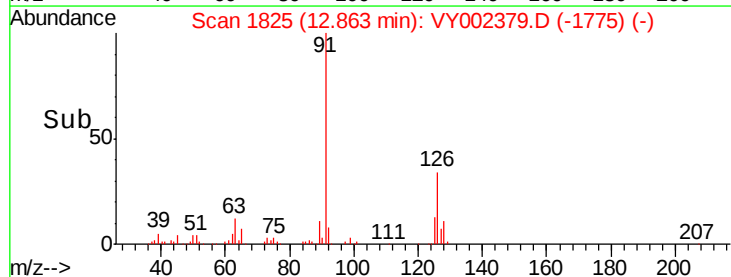
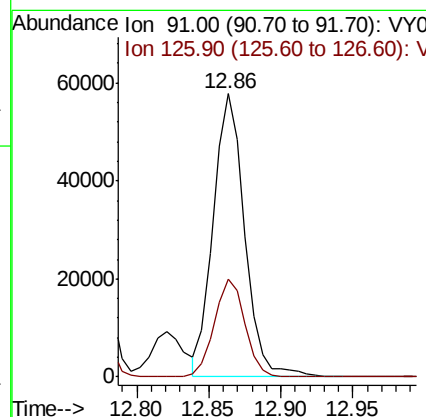
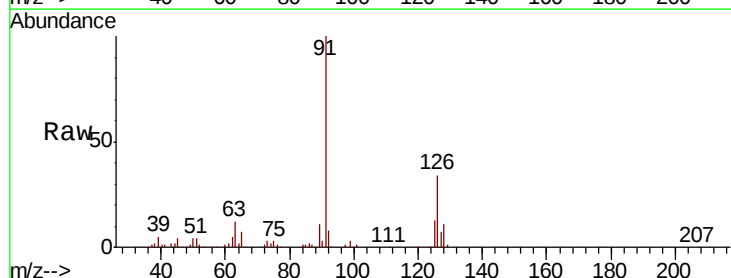
Instrument :
MSVOA_Y
ClientSampleId :

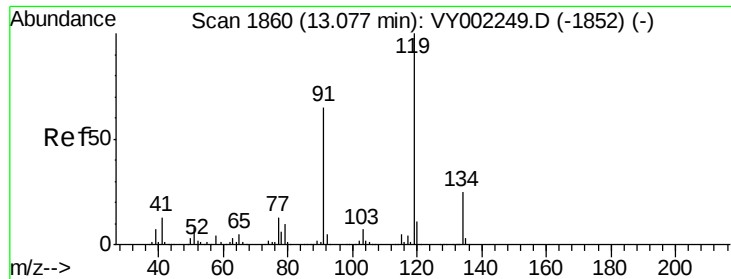
Tot Ion: 75 Resp: 13096
Ion Ratio Lower Upper
75 100
53 73.6 59.8 89.8
89 44.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 61.664 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion: 91 Resp: 87826
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.7

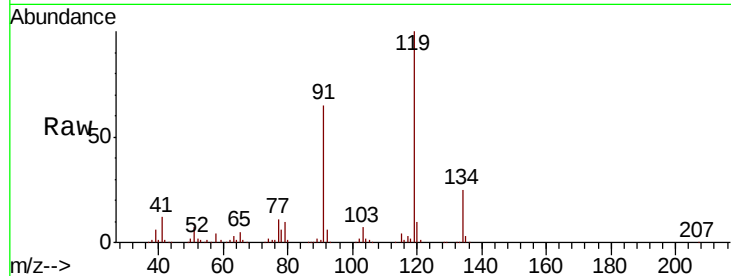




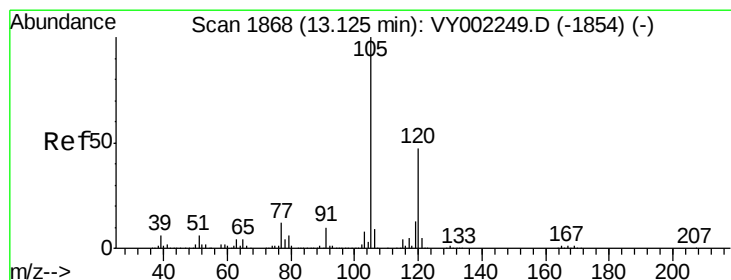
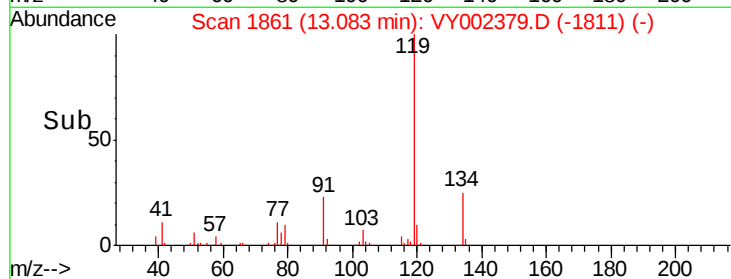
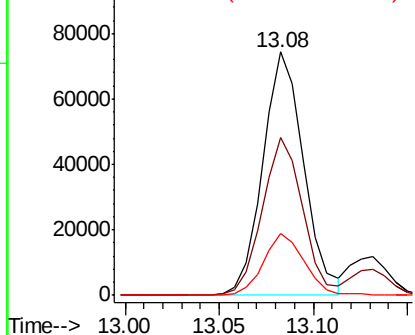
#83
 tert-Butylbenzene
 Concen: 80.353 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:119 Resp: 111914
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.4 97.0
 134 25.5 12.6 37.6

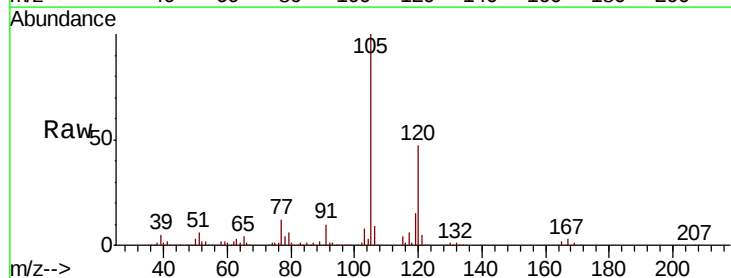


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

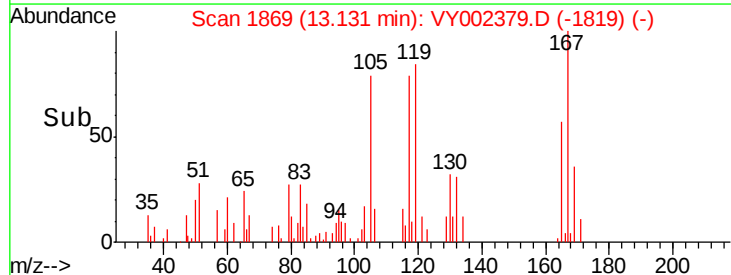
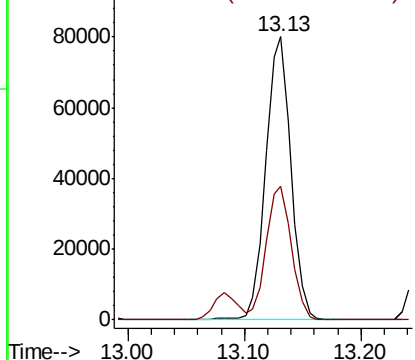


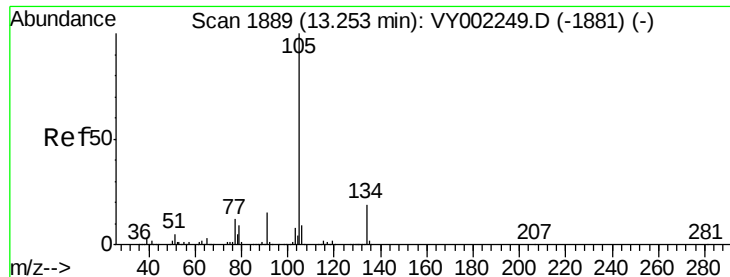
#84
 1,2,4-Trimethylbenzene
 Concen: 72.530 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion:105 Resp: 120429
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 60.150 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

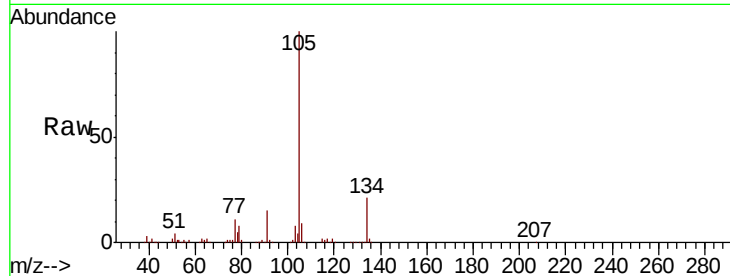
ClientSampleId :

Tot Ion:105 Resp: 124799

Ion Ratio Lower Upper

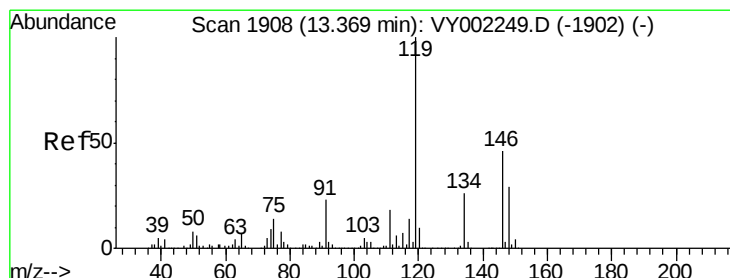
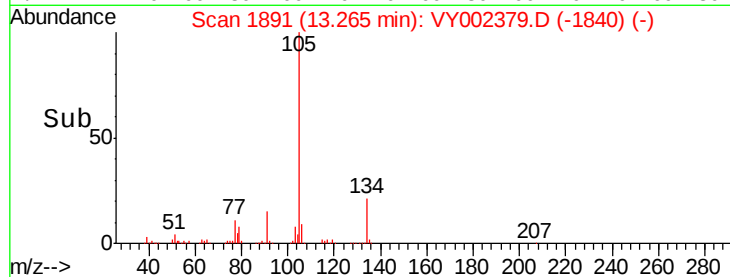
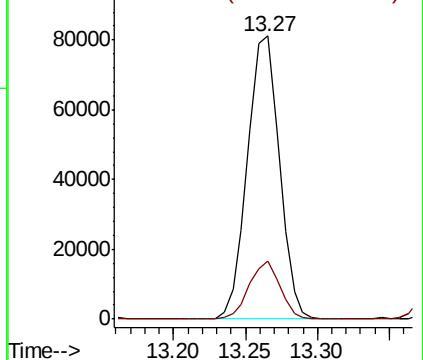
105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.828 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

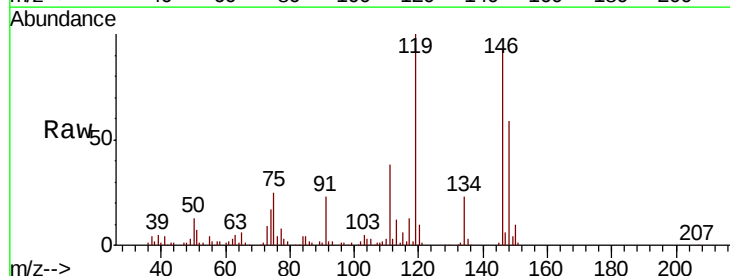
Tgt Ion:119 Resp: 38978

Ion Ratio Lower Upper

119 100

134 25.3 13.3 39.9

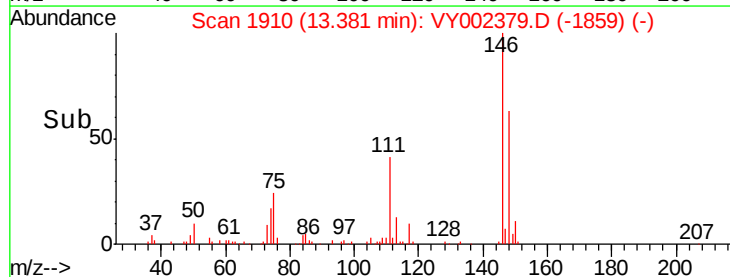
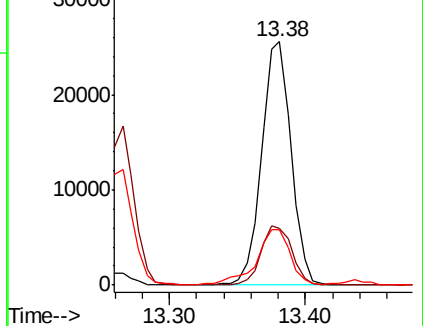
91 26.6 11.5 34.4

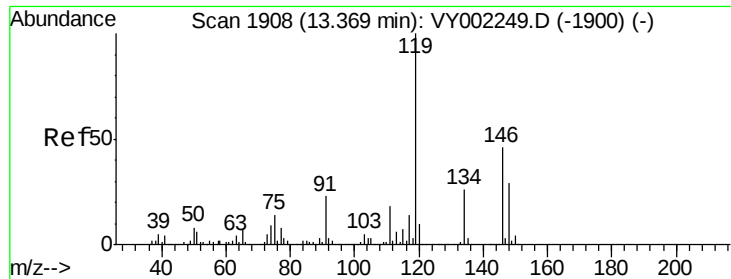


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

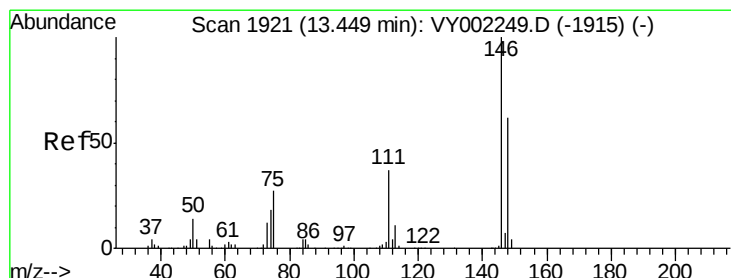
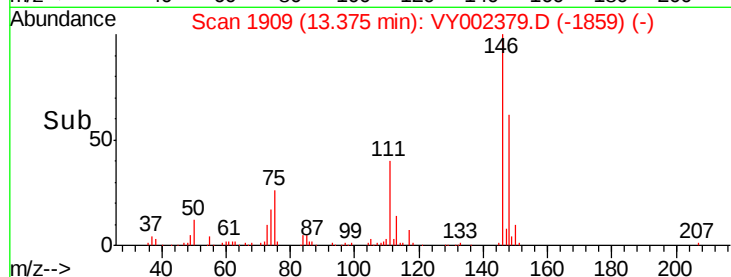
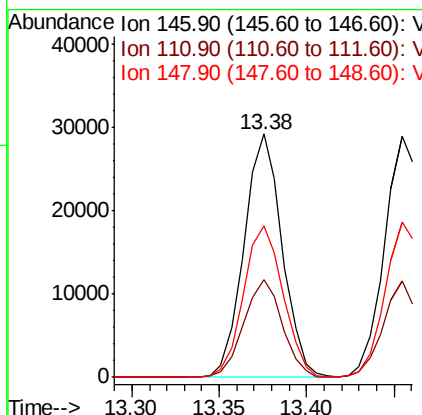
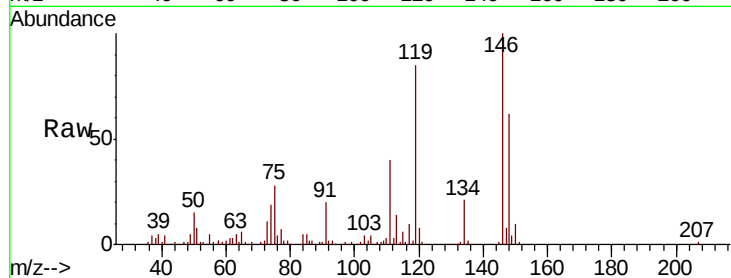




#87
 1,3-Dichlorobenzene
 Concen: 51.580 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

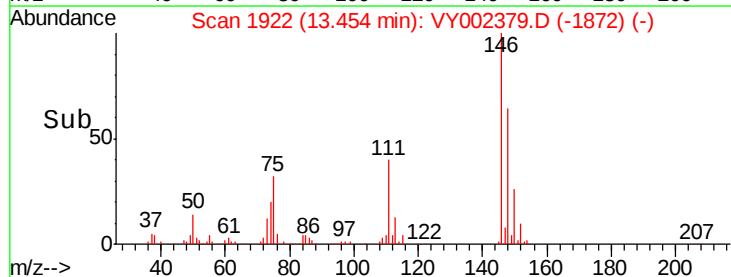
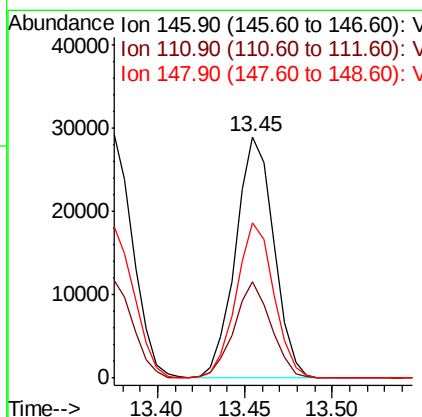
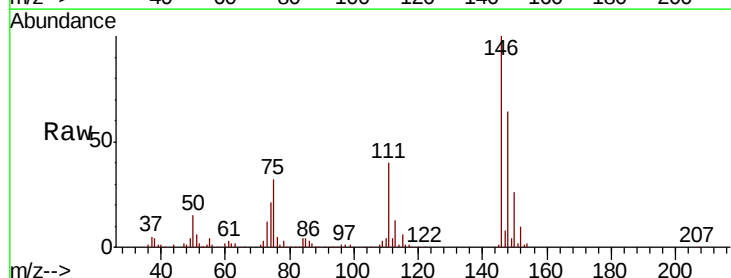
Instrument :
 MSVOA_Y
 ClientSampleId :

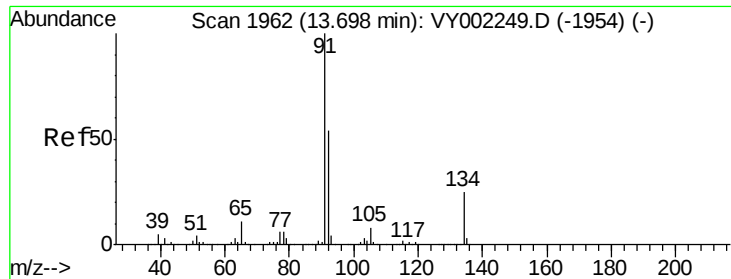
Tot Ion:146 Resp: 44217
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.8
 148 64.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.787 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion:146 Resp: 44194
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 63.2 32.0 96.0

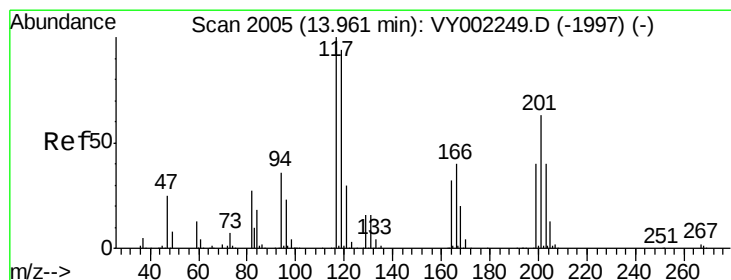
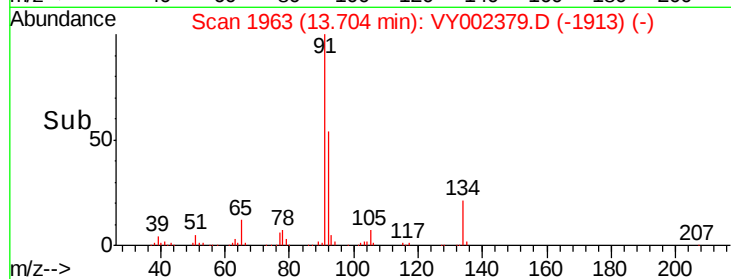
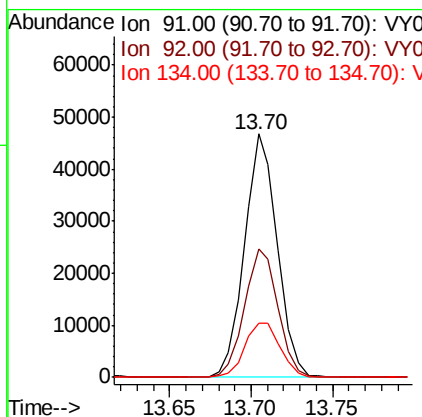
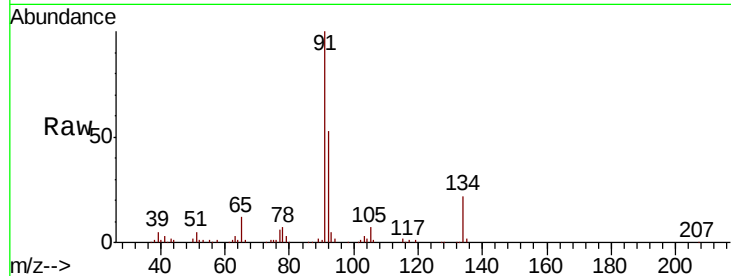




#89
n-Butylbenzene
Concen: 35.700 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

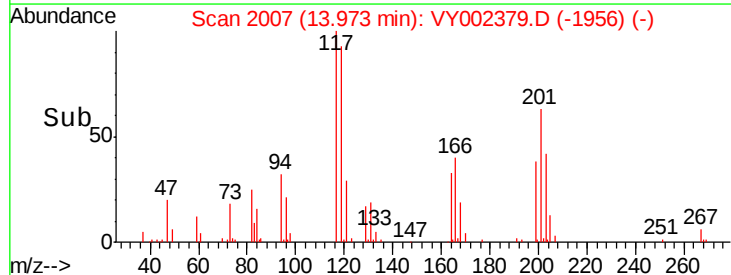
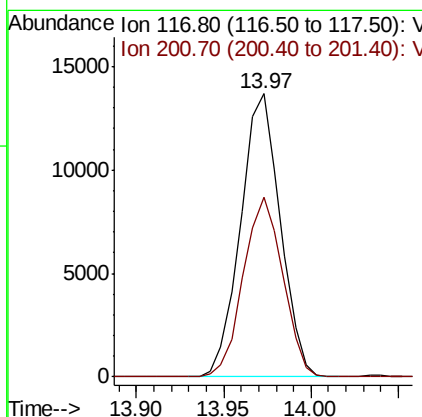
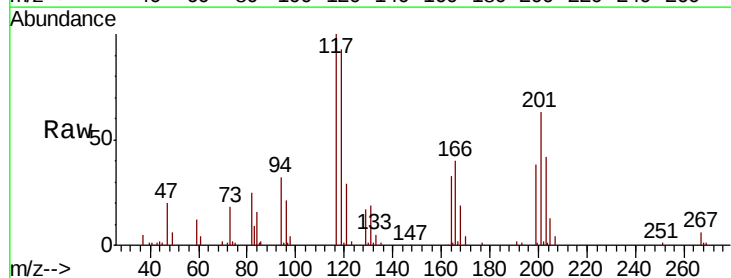
Instrument :
MSVOA_Y
ClientSampleId :

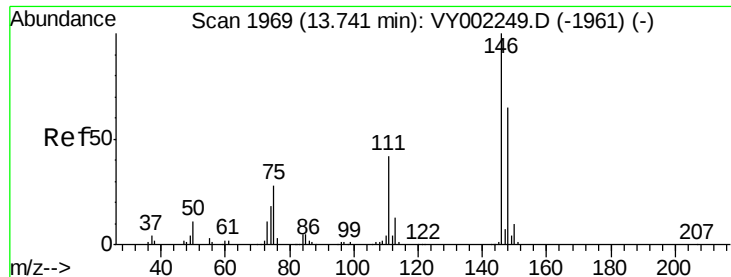
Tot Ion	91	Resp	65345
Ion Ratio	Lower	Upper	
91	100		
92	53.9	27.2	81.6
134	24.1	12.7	38.0



#90
Hexachloroethane
Concen: 63.354 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion	117	Resp	21558
Ion Ratio	Lower	Upper	
117	100		
201	63.3	33.1	99.2





#91

1,2-Dichlorobenzene

Concen: 55.302 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

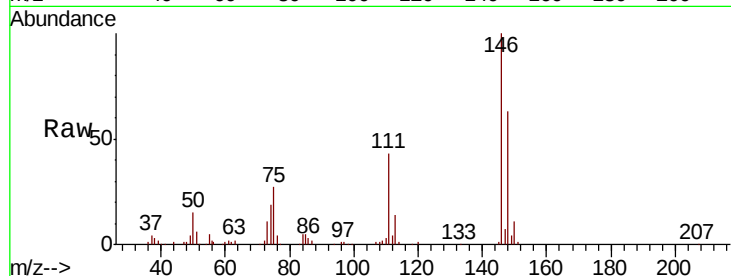
Tot Ion:146 Resp: 43078

Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.1

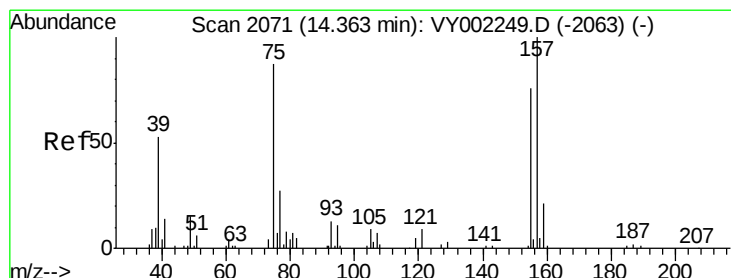
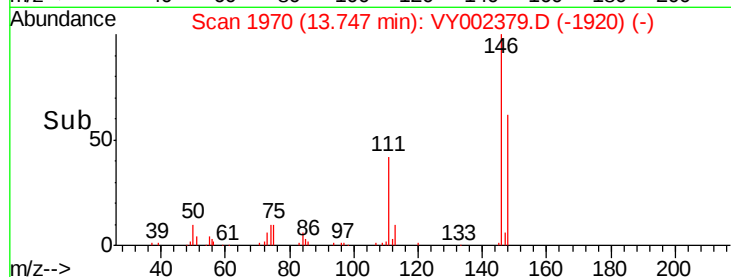
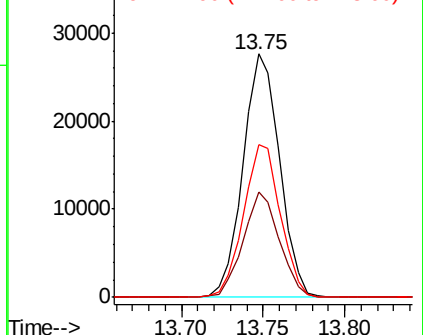
148 63.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 93.709 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002379.D

Acq: 16 Apr 2020 19:44

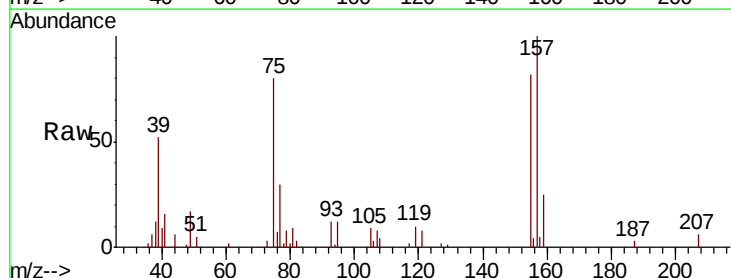
Tgt Ion: 75 Resp: 5513

Ion Ratio Lower Upper

75 100

155 94.7 43.6 130.8

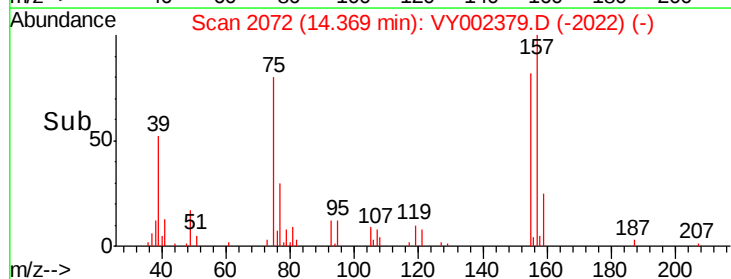
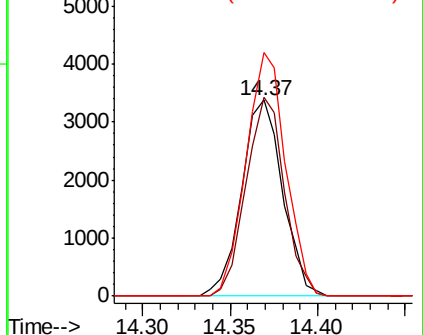
157 119.7 56.0 168.2

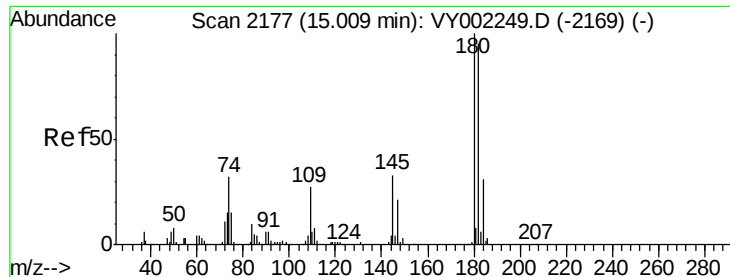


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

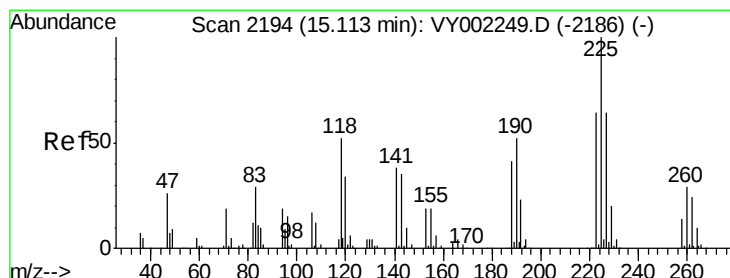
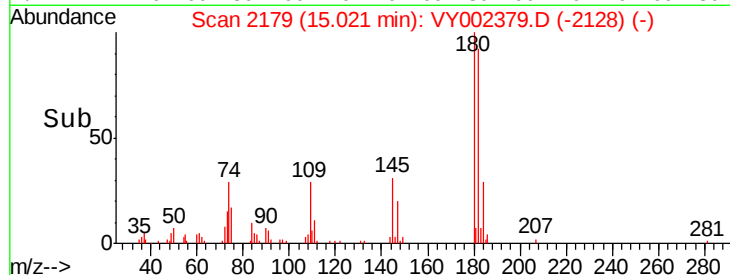
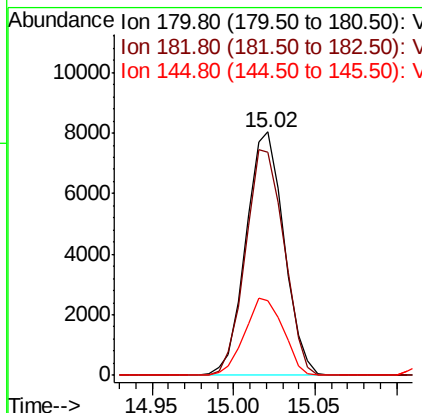
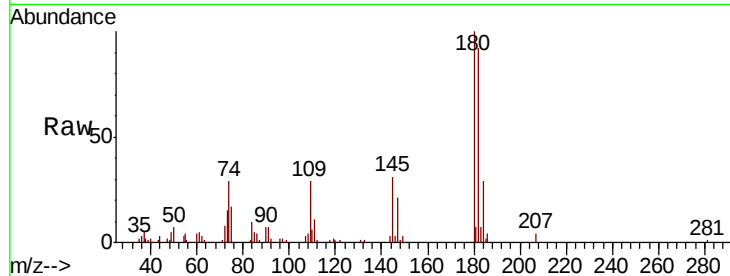




#93
 1,2,4-Trichlorobenzene
 Concen: 25.707 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

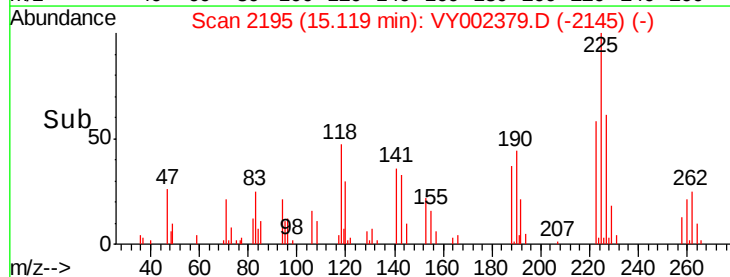
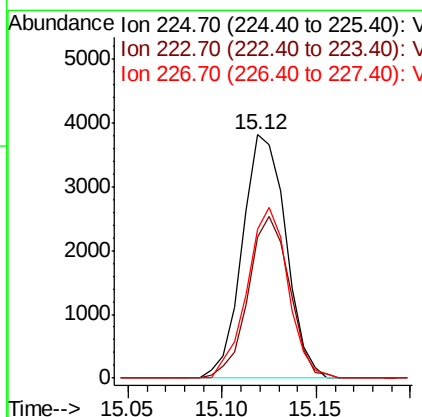
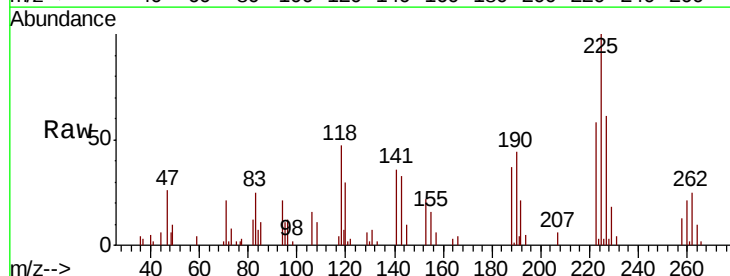
Instrument :
 MSVOA_Y
 ClientSampled :

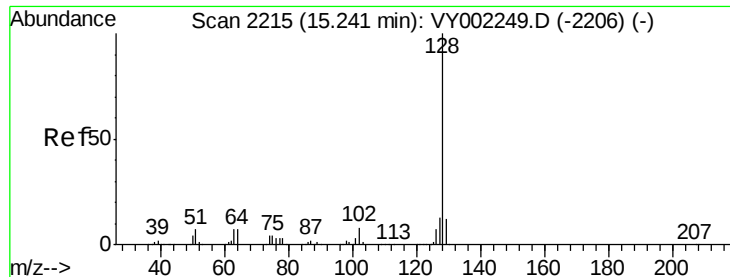
Tot Ion:180 Resp: 13089
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.9 143.7
 145 32.0 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 23.795 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002379.D
 Acq: 16 Apr 2020 19:44

Tgt Ion:225 Resp: 6102
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.0 93.0
 227 66.2 31.3 93.9

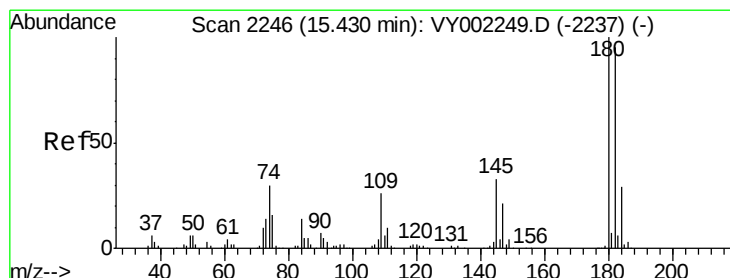
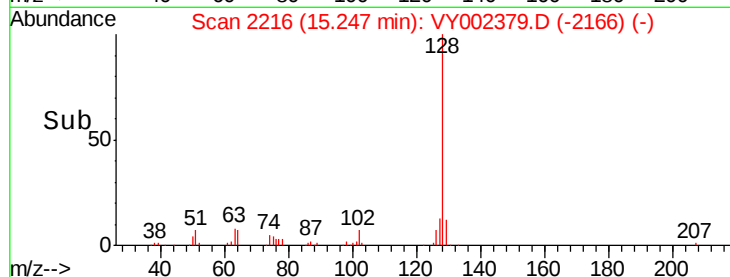
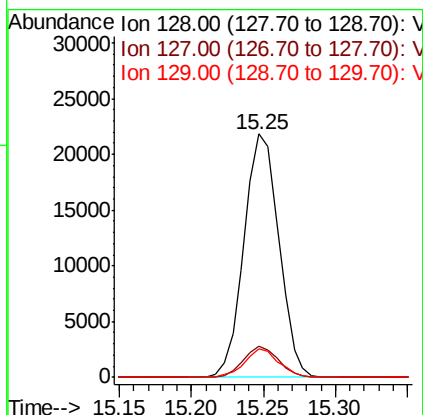
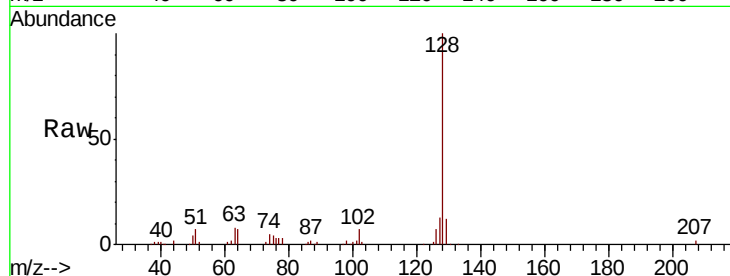




#95
Naphthalene
Concen: 32.868 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 36642
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 25.854 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002379.D
Acq: 16 Apr 2020 19:44

Tgt Ion:180 Resp: 11430
Ion Ratio Lower Upper
180 100
182 89.6 47.1 141.3
145 31.7 16.7 50.1

