

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002241.D
 Acq On : 06 Apr 2020 16:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 07 04:26:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	159788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	293947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	264878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121368	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	80532	45.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.18%	
35) Dibromofluoromethane	7.73	113	79575	48.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.62%	
50) Toluene-d8	10.19	98	326740	47.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.49	95	112647	47.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	42151	39.439	ug/l	93
3) Chloromethane	2.12	50	70789	37.909	ug/l	98
4) Vinyl Chloride	2.26	62	75211	39.602	ug/l	99
5) Bromomethane	2.66	94	53171	42.901	ug/l	97
6) Chloroethane	2.80	64	51271	42.044	ug/l	97
7) Trichlorofluoromethane	3.14	101	107652	41.365	ug/l	99
8) Diethyl Ether	3.55	74	47683	43.258	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	73702	43.164	ug/l	99
10) Methyl Iodide	4.10	142	87941	43.313	ug/l	99
11) Tert butyl alcohol	4.97	59	38042	182.753	ug/l	99
12) 1,1-Dichloroethene	3.88	96	76596	44.177	ug/l	94
13) Acrolein	3.74	56	56743	218.100	ug/l	98
14) Allyl chloride	4.50	41	133910	42.189	ug/l	98
15) Acrylonitrile	5.19	53	127923	221.413	ug/l	100
16) Acetone	3.96	43	89309	179.960	ug/l	94
17) Carbon Disulfide	4.21	76	237790	41.326	ug/l	100
18) Methyl Acetate	4.50	43	54473	42.270	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	217315	44.929	ug/l	98
20) Methylene Chloride	4.74	84	92105	44.237	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	86905	44.022	ug/l	99
22) Diisopropyl ether	6.14	45	280154	43.129	ug/l	94
23) Vinyl Acetate	6.08	43	910064	213.658	ug/l	97
24) 1,1-Dichloroethane	6.04	63	153009	44.303	ug/l	97
25) 2-Butanone	7.00	43	153428	201.342	ug/l	95
26) 2,2-Dichloropropane	7.00	77	122852	43.190	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	98414	45.314	ug/l	98
28) Bromochloromethane	7.35	49	76640	48.607	ug/l	95
29) Tetrahydrofuran	7.36	42	104397	208.956	ug/l	97
30) Chloroform	7.52	83	145148	44.339	ug/l	99
31) Cyclohexane	7.80	56	150257	40.829	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	120189	43.973	ug/l	98
36) 1,1-Dichloropropene	7.93	75	118653	42.676	ug/l	98
37) Ethyl Acetate	7.09	43	68504	40.772	ug/l	98
38) Carbon Tetrachloride	7.91	117	103763	43.988	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	156422	42.891	ug/l	97
40) Benzene	8.18	78	365378	44.365	ug/l	99
41) Methacrylonitrile	7.36	41	92646	109.012	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	91310	41.761	ug/l	99
43) Isopropyl Acetate	8.28	43	129906	41.657	ug/l	98
44) Trichloroethene	8.95	130	110545	55.684	ug/l	97
45) 1,2-Dichloropropane	9.22	63	94823	45.219	ug/l	97
46) Dibromomethane	9.32	93	47471	44.080	ug/l	97
47) Bromodichloromethane	9.50	83	113881	45.425	ug/l	99
48) Methyl methacrylate	9.30	41	58354	41.757	ug/l	97
49) 1,4-Dioxane	9.30	88	13499	913.450	ug/l	86
51) 4-Methyl-2-Pentanone	10.08	43	337012	209.878	ug/l	98
52) Toluene	10.25	92	223455	44.860	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	123557	44.403	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	146792	44.806	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	70340	44.131	ug/l	97
56) Ethyl methacrylate	10.52	69	103582	44.494	ug/l	96
57) 1,3-Dichloropropane	10.80	76	125129	44.433	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	291016	243.279	ug/l	99
59) 2-Hexanone	10.83	43	233105	206.083	ug/l	96
60) Dibromochloromethane	10.99	129	76429	45.824	ug/l	97
61) 1,2-Dibromoethane	11.10	107	66434	44.531	ug/l	100
64) Tetrachloroethene	10.72	164	114452	70.624	ug/l	99
65) Chlorobenzene	11.52	112	229960	44.976	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	78092	45.653	ug/l	98
67) Ethyl Benzene	11.60	91	428219	45.094	ug/l	98
68) m/p-Xylenes	11.71	106	316803	90.229	ug/l	98
69) o-Xylene	12.03	106	151291	45.424	ug/l	97
70) Styrene	12.05	104	264023	45.747	ug/l	100
71) Bromoform	12.21	173	43234	46.147	ug/l #	99
73) Isopropylbenzene	12.33	105	404974	44.981	ug/l	100
74) N-amyl acetate	12.14	43	116944	41.184	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	37138	19.169	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	108989	80.280	ug/l #	100
77) Bromobenzene	12.61	156	87324	45.436	ug/l	96
78) n-propylbenzene	12.67	91	498501	44.618	ug/l	99
79) 2-Chlorotoluene	12.76	91	273156	44.528	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	334053	44.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30928	44.135	ug/l	98
82) 4-Chlorotoluene	12.86	91	281911	43.611	ug/l	98
83) tert-Butylbenzene	13.08	119	279219	45.034	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	336322	45.381	ug/l	100
85) sec-Butylbenzene	13.26	105	414279	45.111	ug/l	100
86) p-Isopropyltoluene	13.38	119	358756	45.491	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	168593	44.841	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	169648	44.839	ug/l	99
89) n-Butylbenzene	13.70	91	362706	44.141	ug/l	99
90) Hexachloroethane	13.96	117	66690	44.878	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	155608	44.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11406	36.754	ug/l	96

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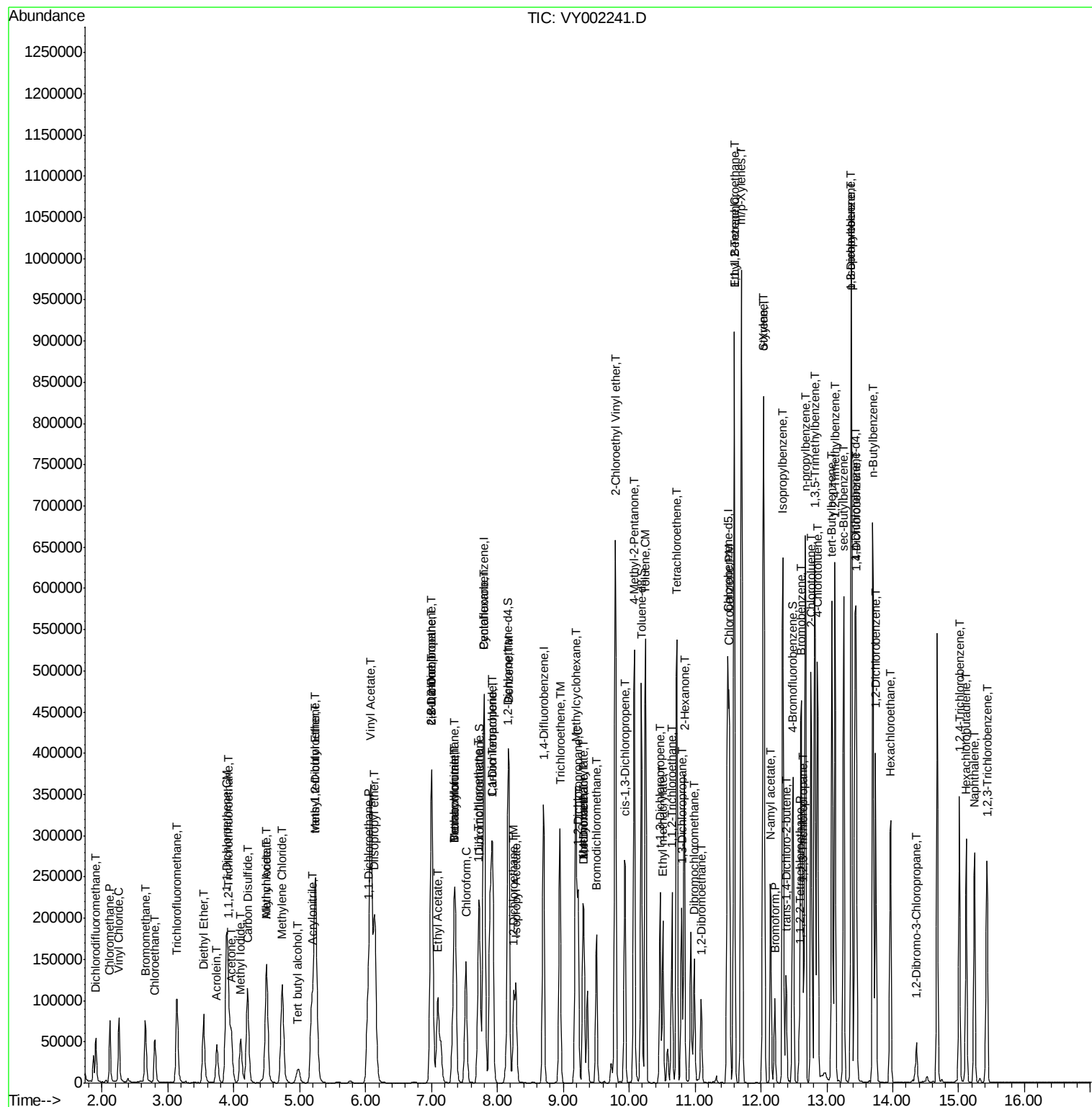
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	98208	43.883	ug/l	99
94) Hexachlorobutadiene	15.12	225	49222	44.557	ug/l	98
95) Naphthalene	15.24	128	222934	41.941	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	86071	42.411	ug/l	99

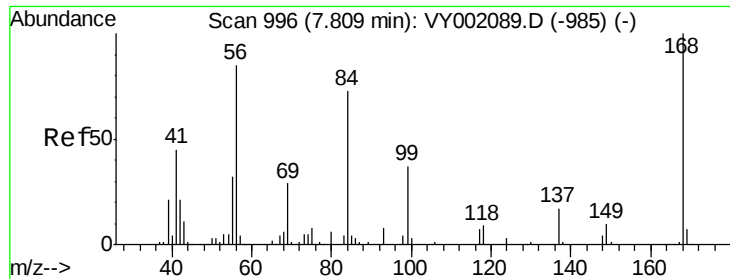
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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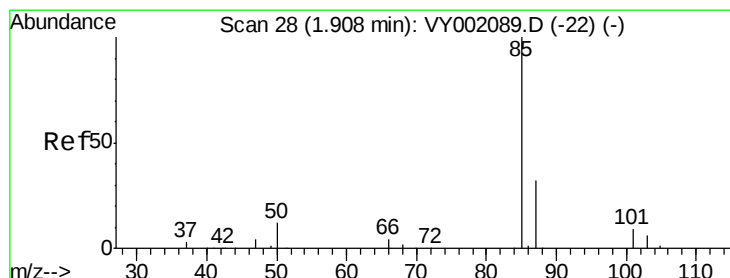
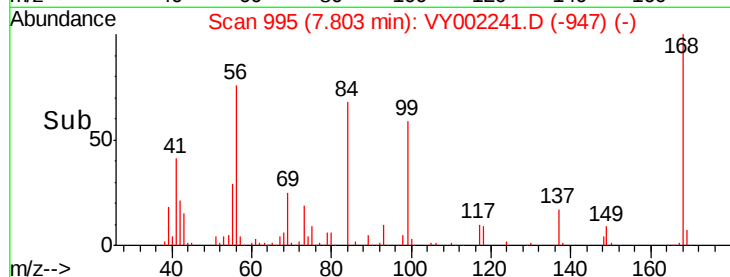
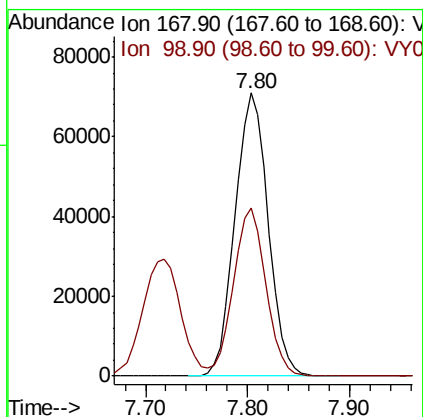
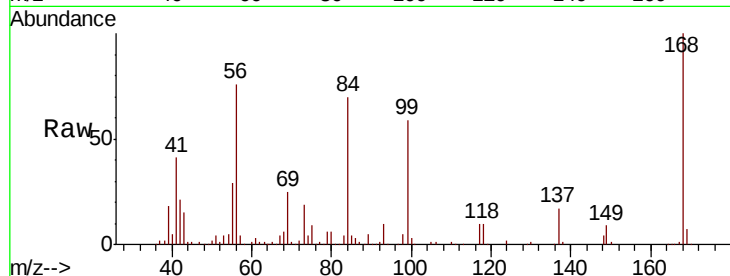




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002241.D
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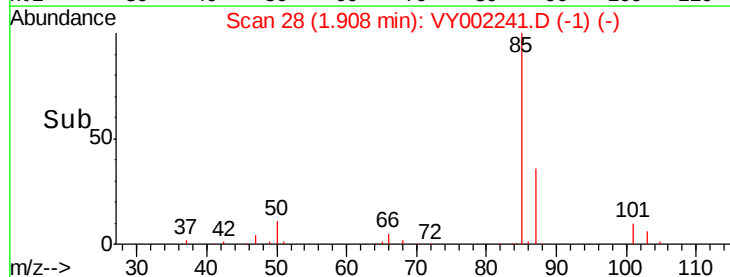
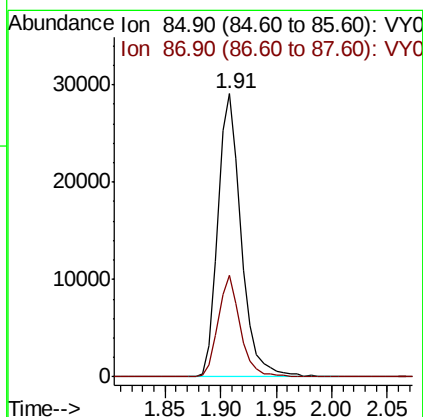
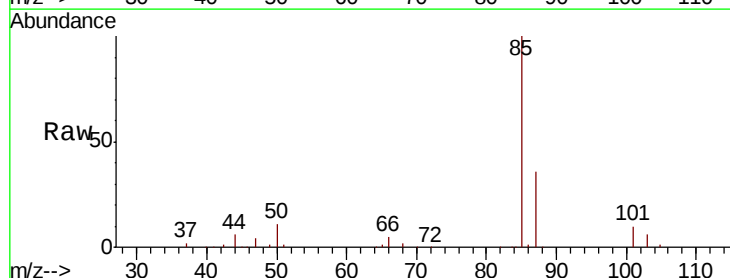
Instrument :
MSVOA_Y
ClientSampled :

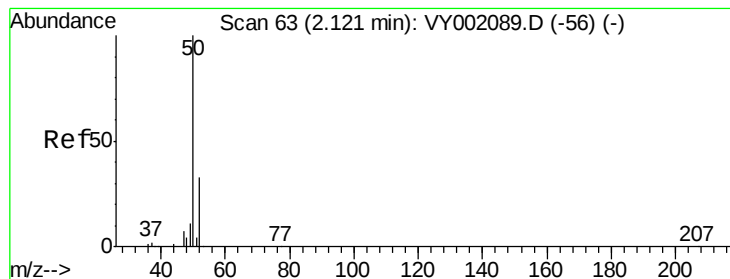
Tot Ion:168 Resp: 159788
Ion Ratio Lower Upper
168 100
99 59.5 47.6 71.4



#2
Dichlorodifluoromethane
Concen: 39.439 ug/l
RT: 1.91 min Scan# 28
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 85 Resp: 42151
Ion Ratio Lower Upper
85 100
87 36.0 16.0 48.0





#3

Chloromethane

Concen: 37.909 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

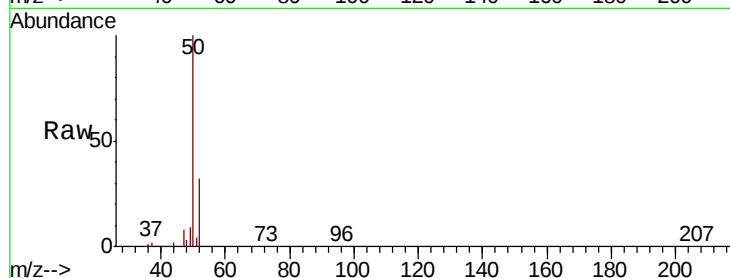
ClientSampleId :

Tot Ion: 50 Resp: 70789

Ion Ratio Lower Upper

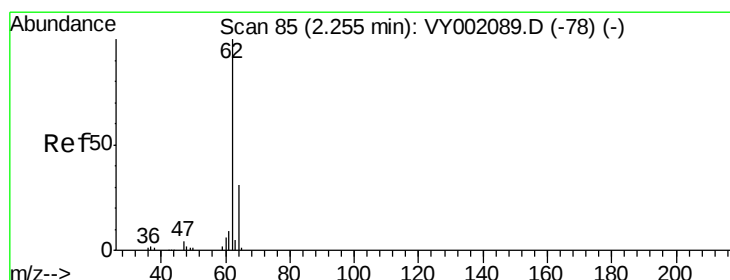
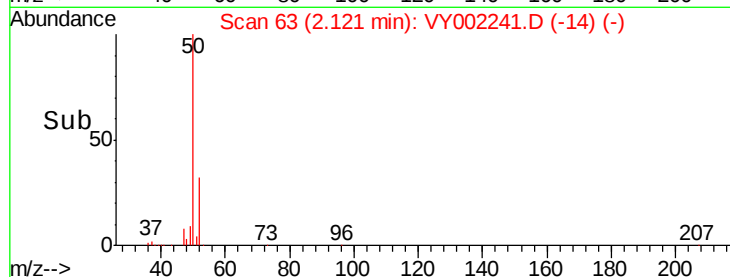
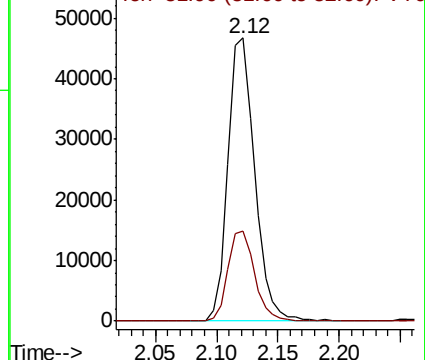
50 100

52 31.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 39.602 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002241.D

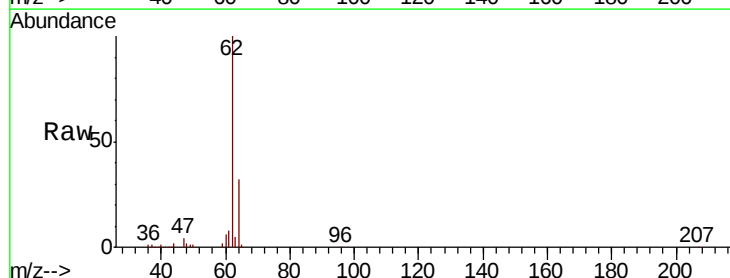
Acq: 06 Apr 2020 16:45

Tgt Ion: 62 Resp: 75211

Ion Ratio Lower Upper

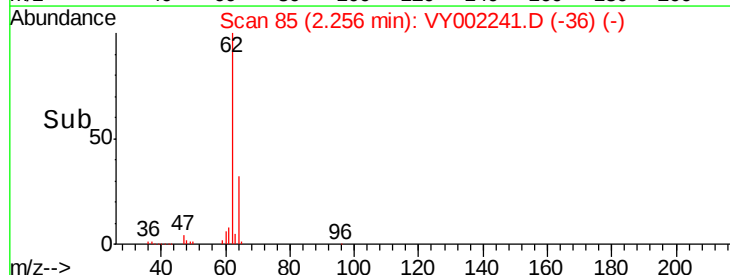
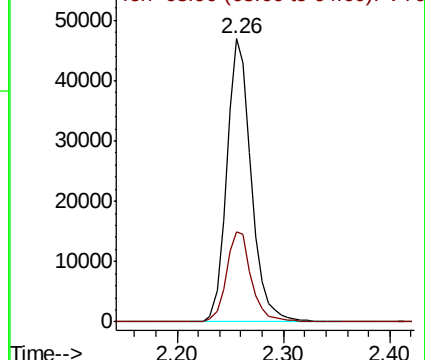
62 100

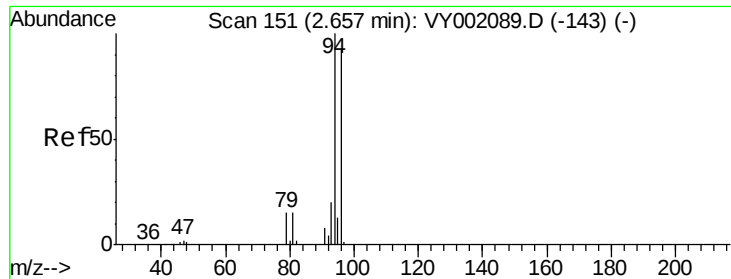
64 31.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 42.901 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

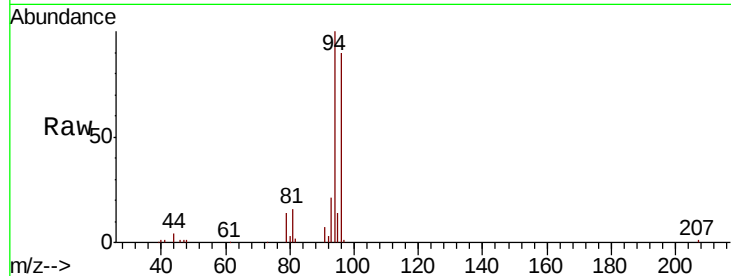
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 53171

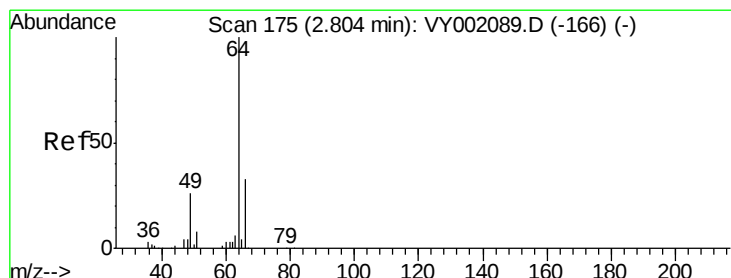
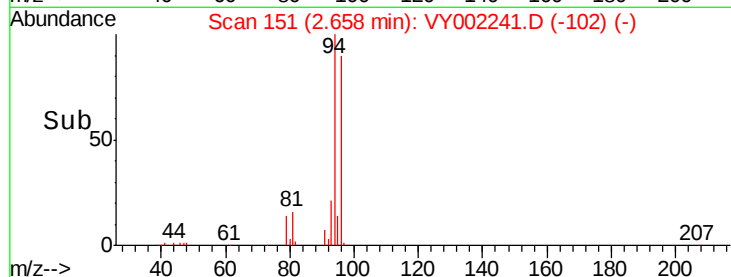
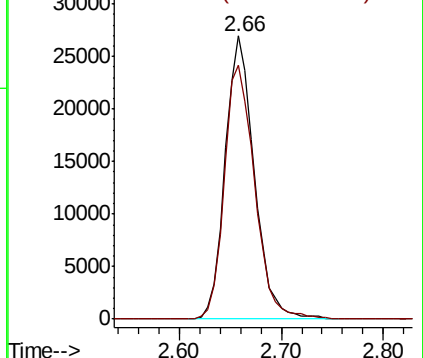
Ion Ratio Lower Upper

94 100

96 89.9 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 42.044 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002241.D

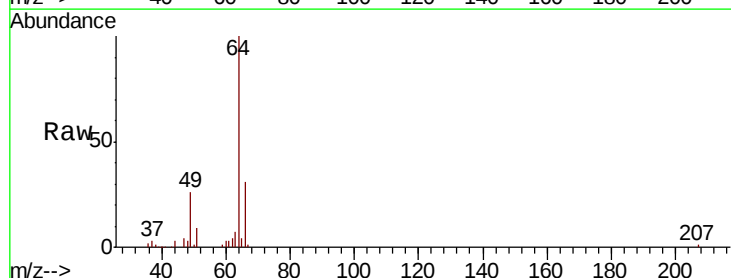
Acq: 06 Apr 2020 16:45

Tgt Ion: 64 Resp: 51271

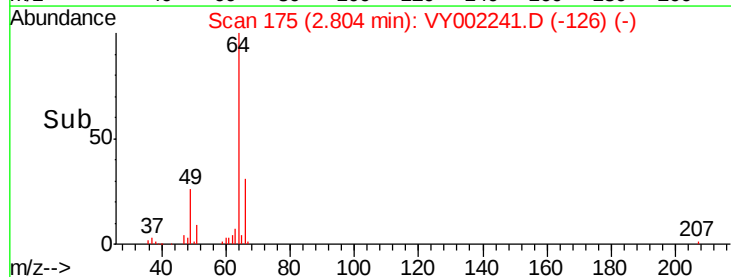
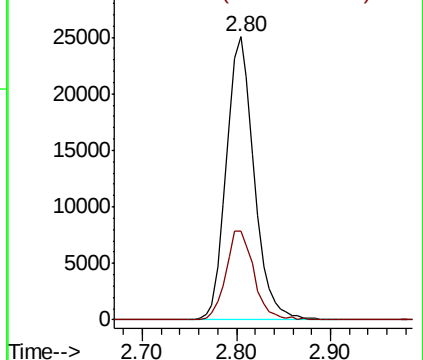
Ion Ratio Lower Upper

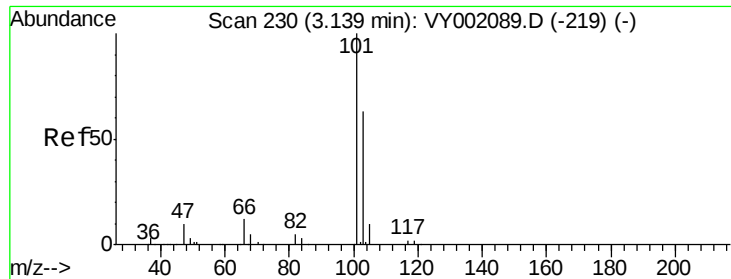
64 100

66 31.4 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



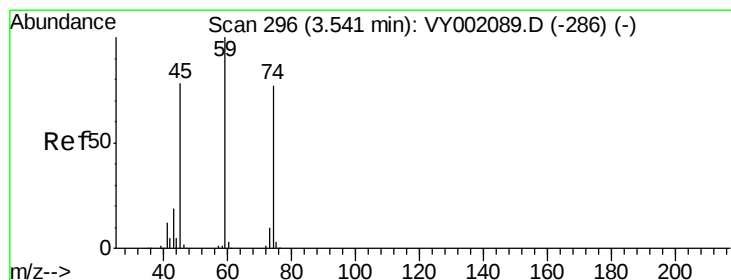
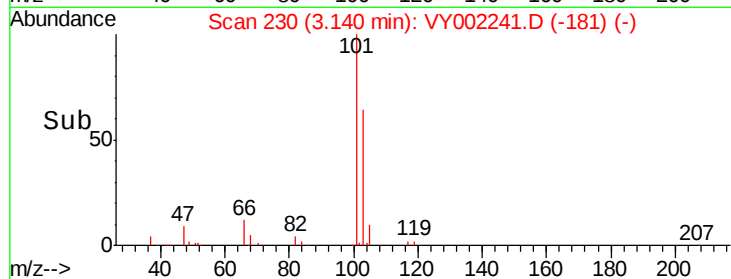
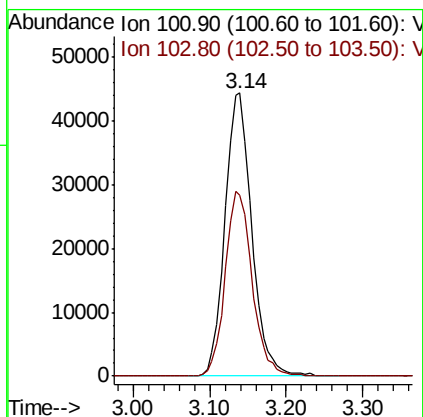
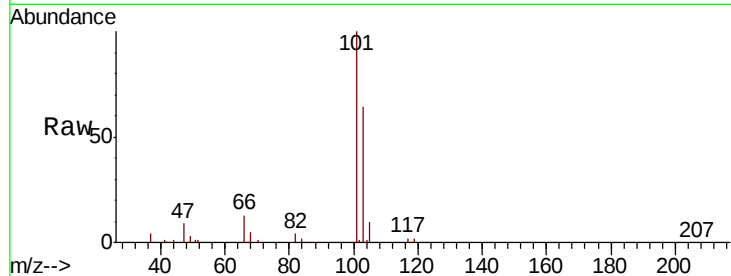


#7

Trichlorofluoromethane
 Concen: 41.365 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Instrument :
 MSVOA_Y
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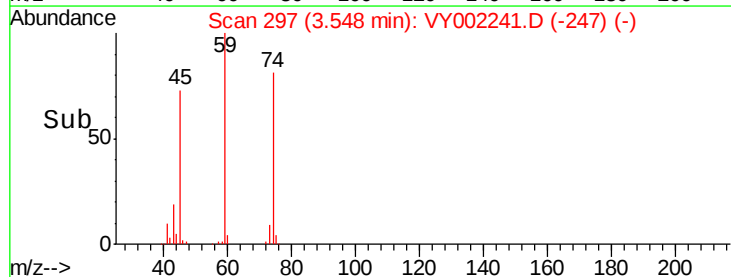
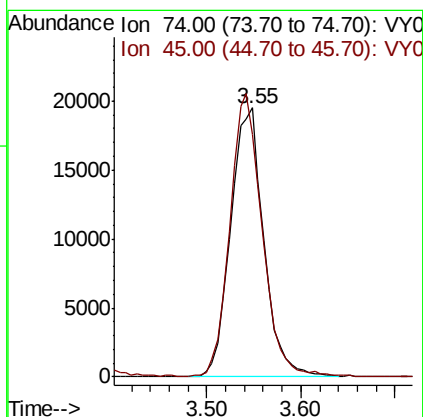
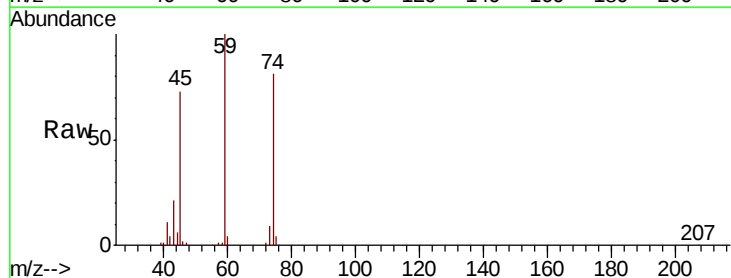
Tot Ion:101 Resp: 107652
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.6 76.0

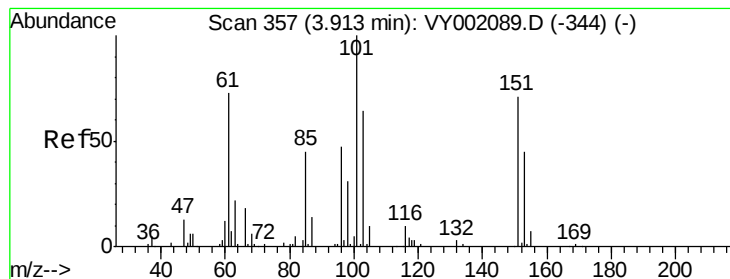


#8

Diethyl Ether
 Concen: 43.258 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Tgt Ion: 74 Resp: 47683
 Ion Ratio Lower Upper
 74 100
 45 102.8 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.164 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

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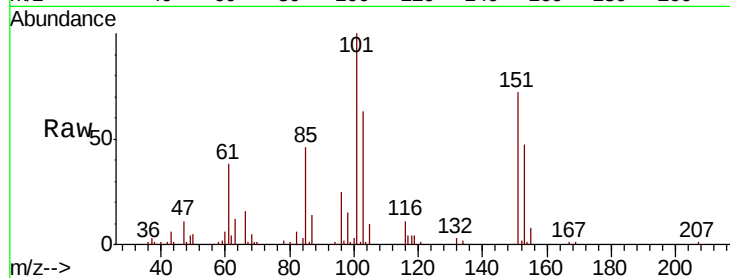
Tot Ion:101 Resp: 73702

Ion Ratio Lower Upper

101 100

85 44.3 35.9 53.9

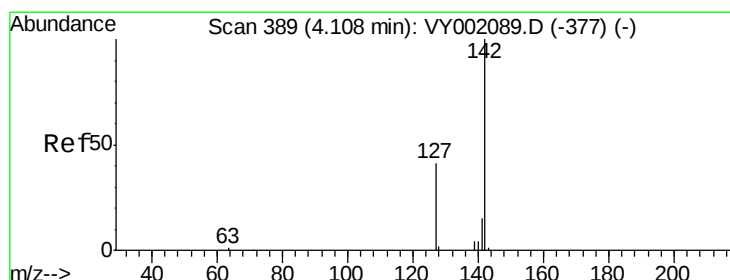
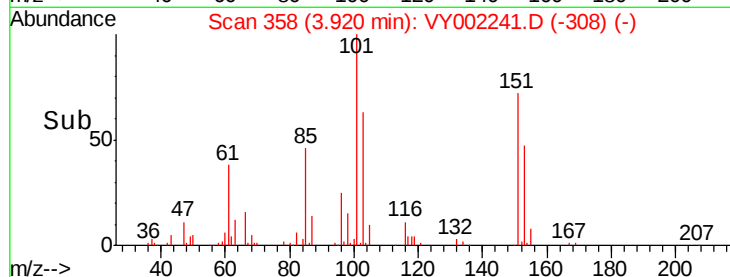
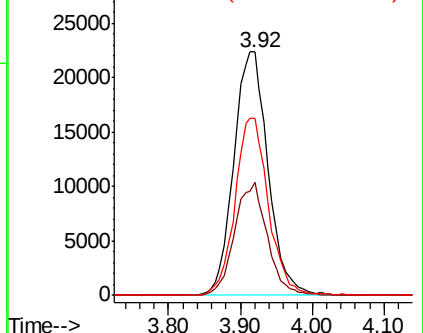
151 71.0 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.313 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

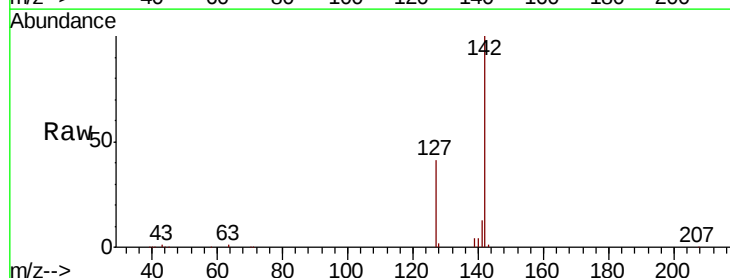
Tgt Ion:142 Resp: 87941

Ion Ratio Lower Upper

142 100

127 41.4 32.6 49.0

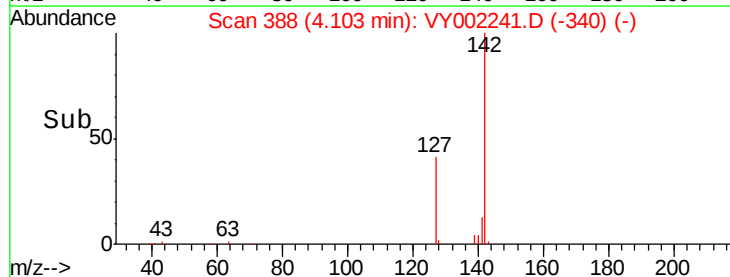
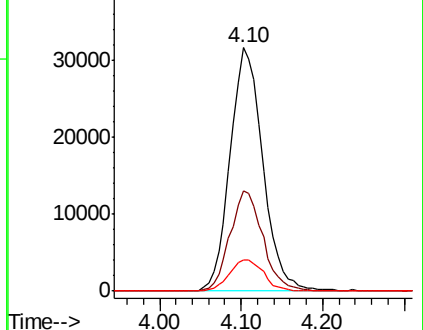
141 13.5 11.4 17.0

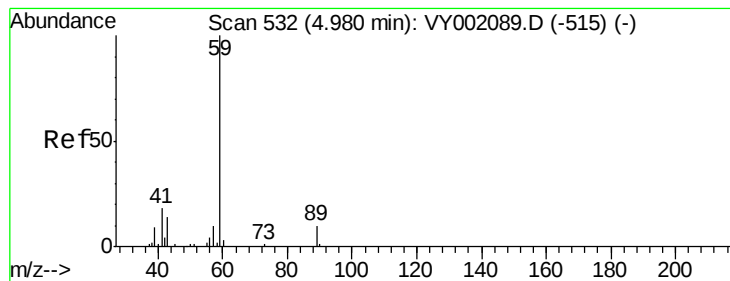


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



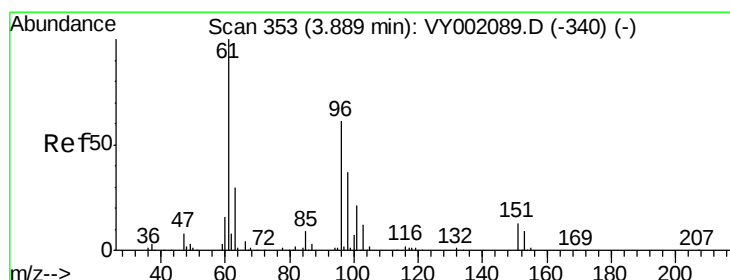
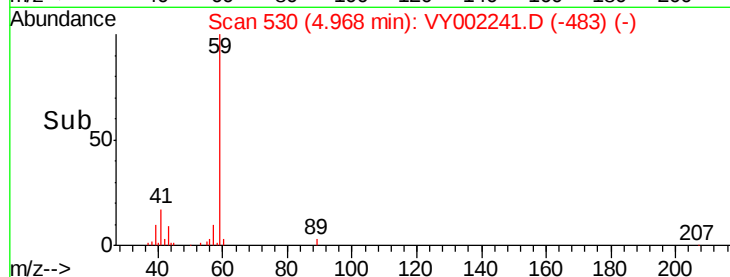
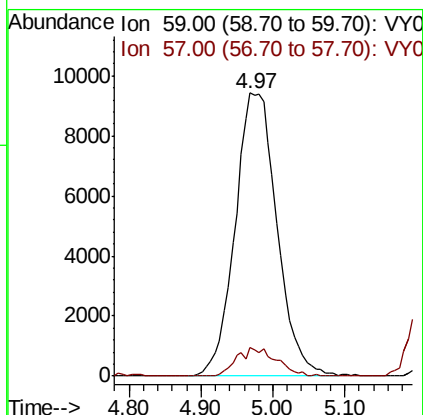
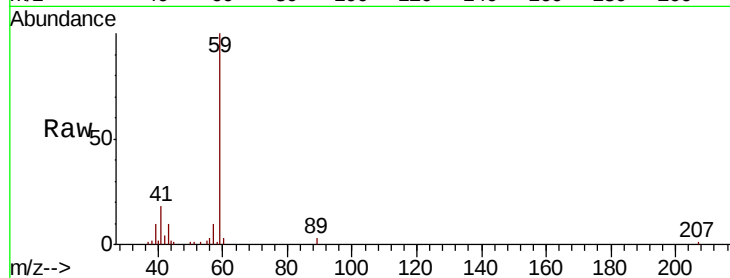


#11

Tert butyl alcohol
 Concen: 182.753 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Instrument :
 MSVOA_Y
 ClientSampled :

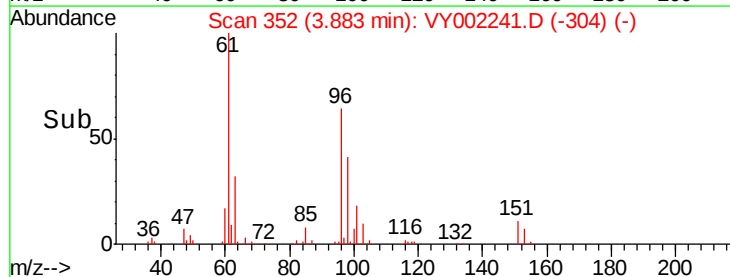
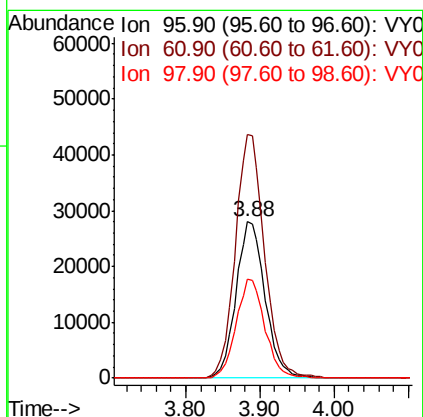
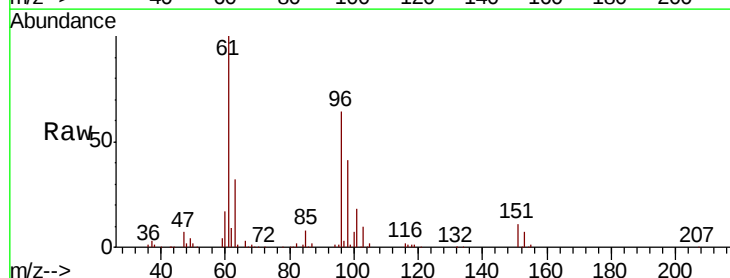
Tot Ion: 59 Resp: 38042
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.7 11.5

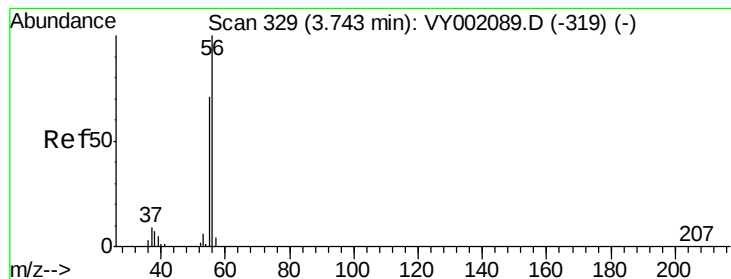


#12

1,1-Dichloroethene
 Concen: 44.177 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Tgt Ion: 96 Resp: 76596
 Ion Ratio Lower Upper
 96 100
 61 155.9 132.0 198.0
 98 63.5 49.4 74.0





#13

Acrolein

Concen: 218.100 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

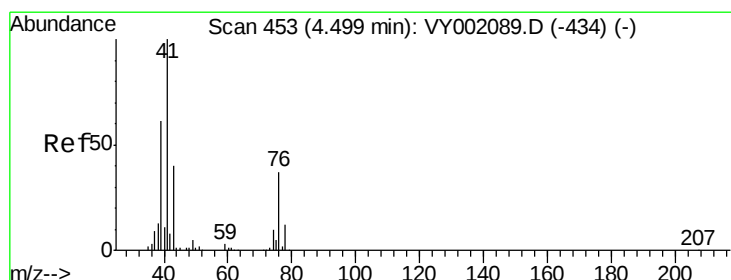
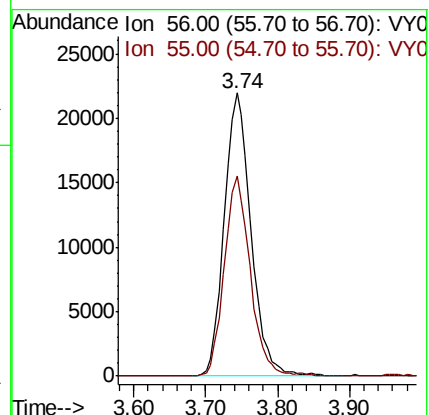
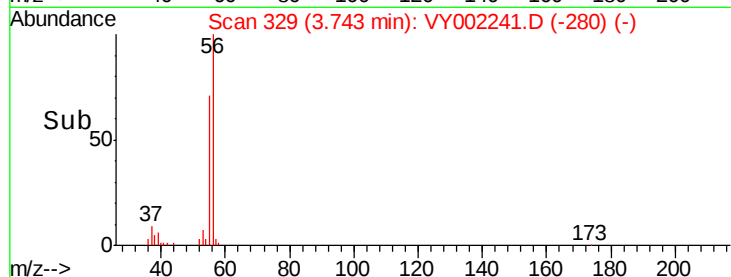
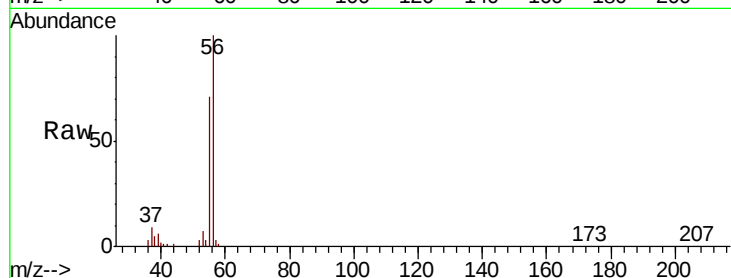
ClientSampleId :

Tot Ion: 56 Resp: 56743

Ion Ratio Lower Upper

56 100

55 68.5 56.5 84.7



#14

Allyl chloride

Concen: 42.189 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

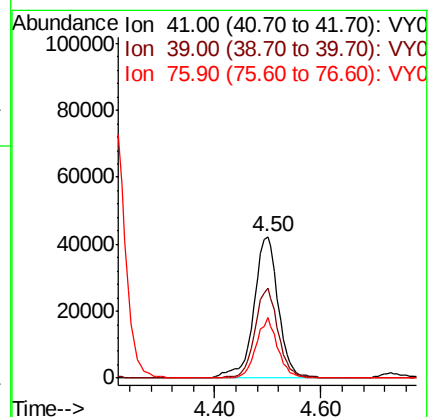
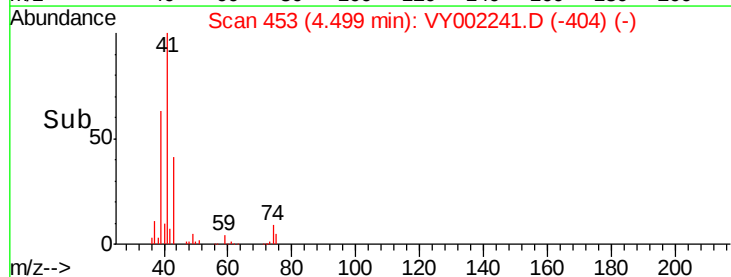
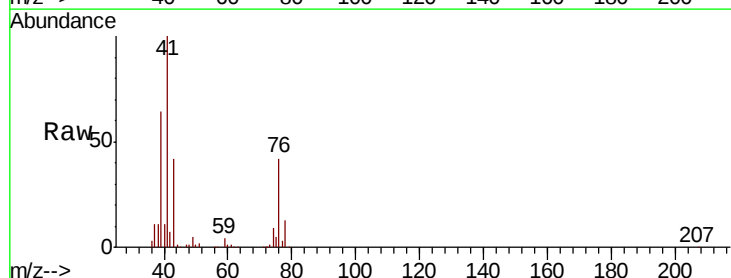
Tgt Ion: 41 Resp: 133910

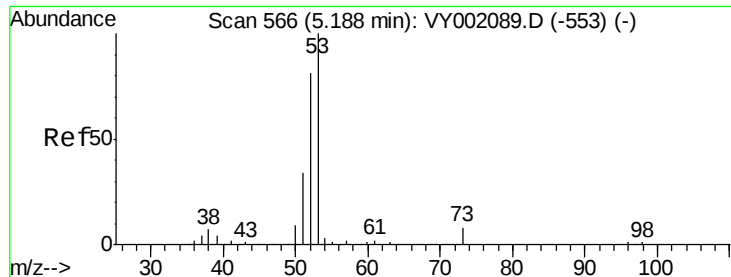
Ion Ratio Lower Upper

41 100

39 60.3 49.0 73.4

76 37.3 27.8 41.8





#15

Acrylonitrile

Concen: 221.413 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

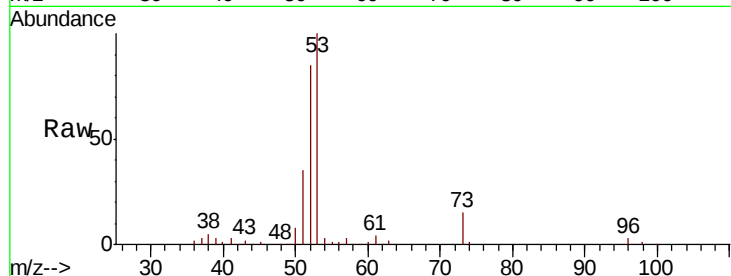
Tot Ion: 53 Resp: 127923

Ion Ratio Lower Upper

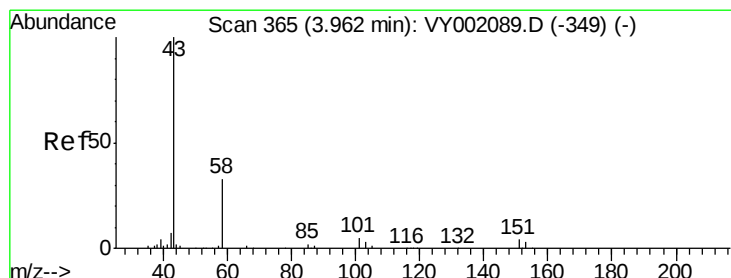
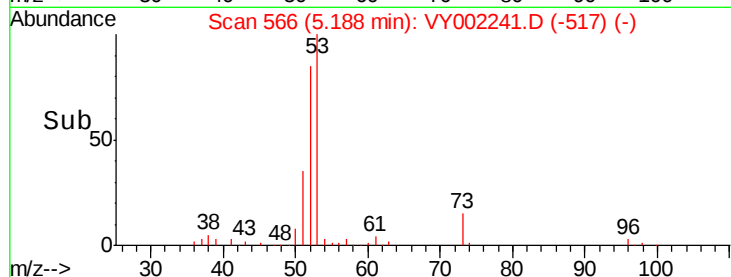
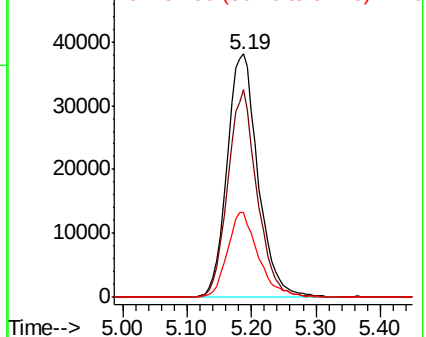
53 100

52 80.6 64.6 97.0

51 34.9 27.9 41.9



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



#16

Acetone

Concen: 179.960 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002241.D

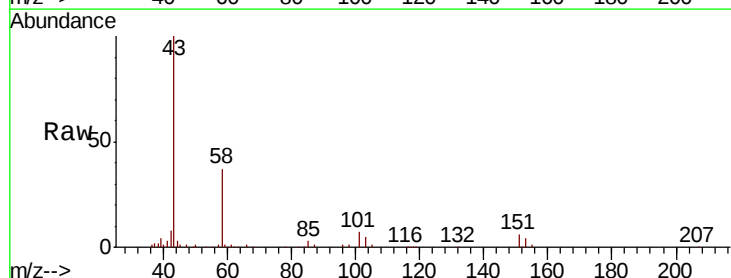
Acq: 06 Apr 2020 16:45

Tgt Ion: 43 Resp: 89309

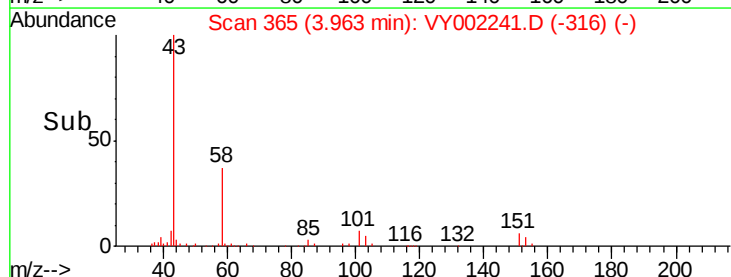
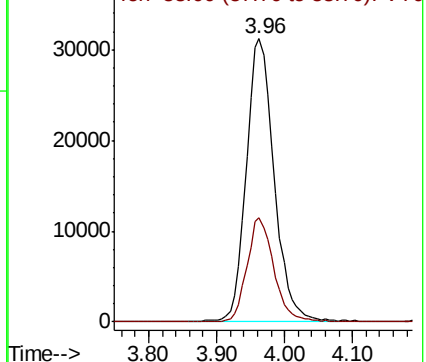
Ion Ratio Lower Upper

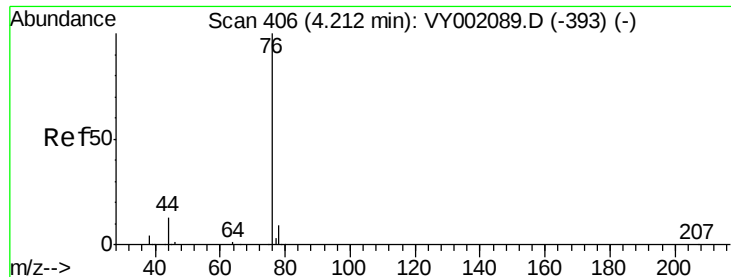
43 100

58 36.4 26.3 39.5



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

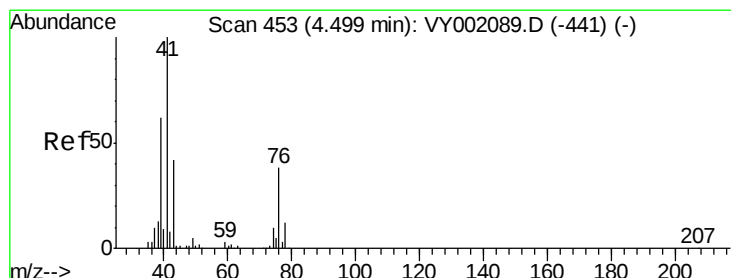
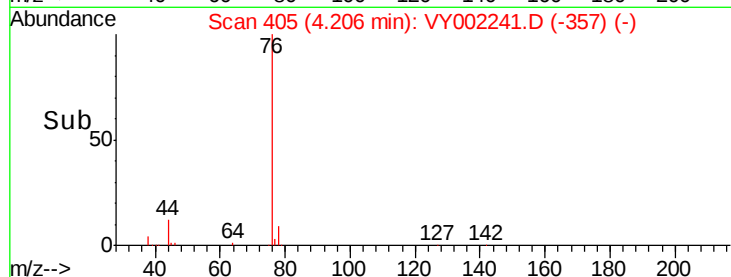
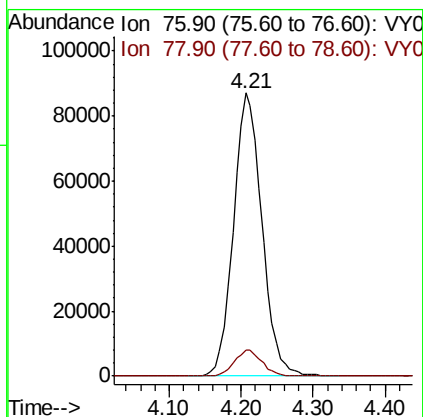
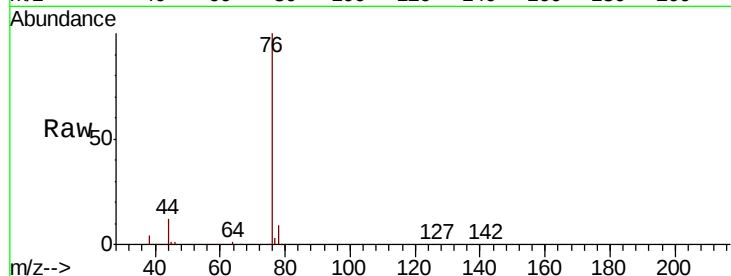




#17
Carbon Disulfide
Concen: 41.326 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

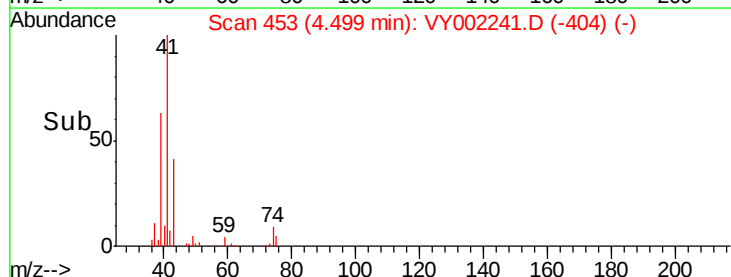
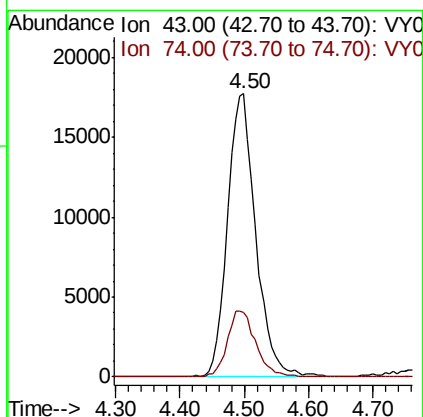
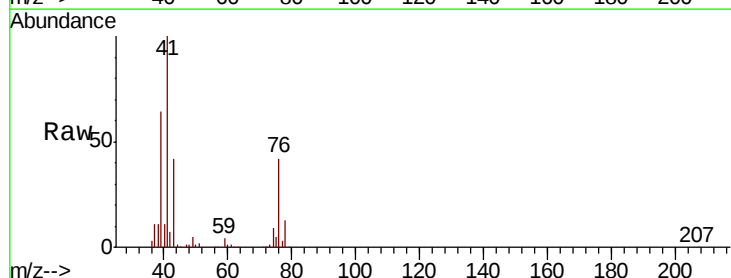
Instrument :
MSVOA_Y
ClientSampleId :

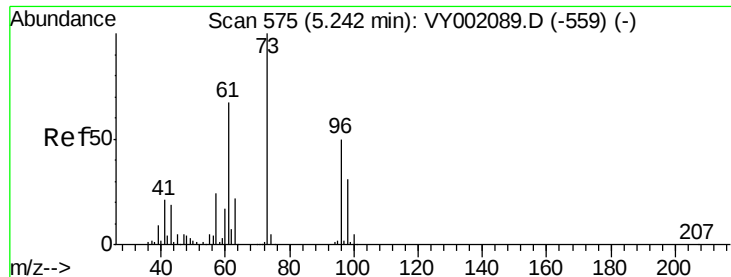
Tot Ion: 76 Resp: 237790
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 42.270 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 43 Resp: 54473
Ion Ratio Lower Upper
43 100
74 23.4 18.3 27.5

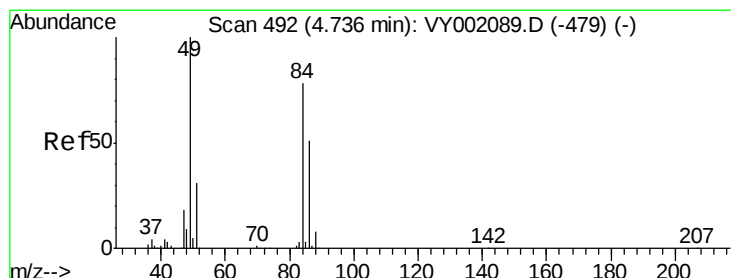
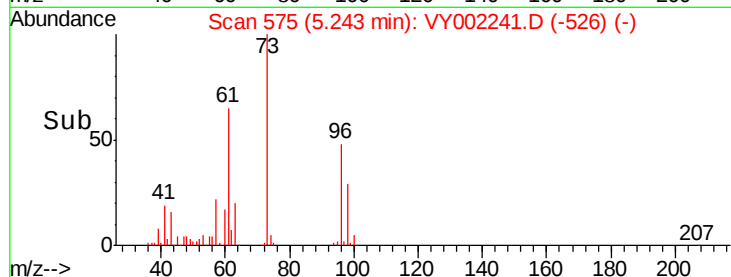
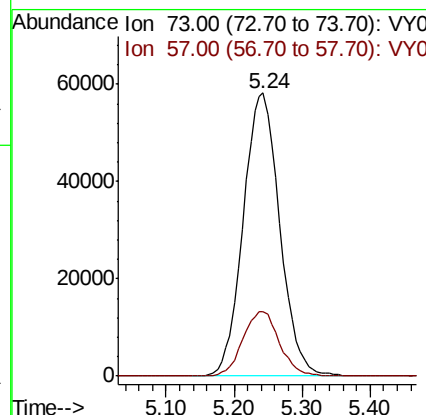
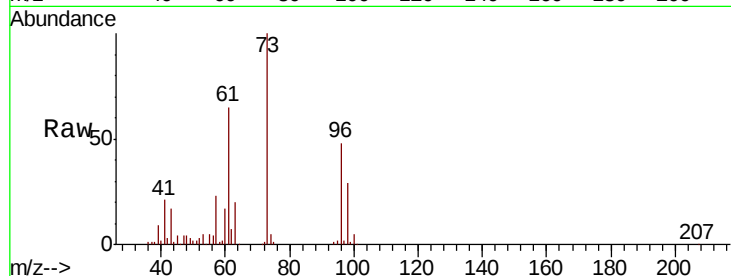




#19
Methyl tert-butyl Ether
Concen: 44.929 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

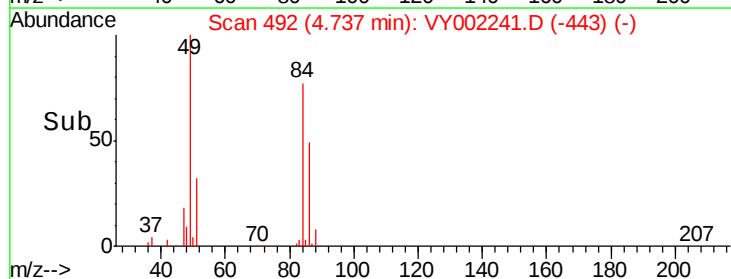
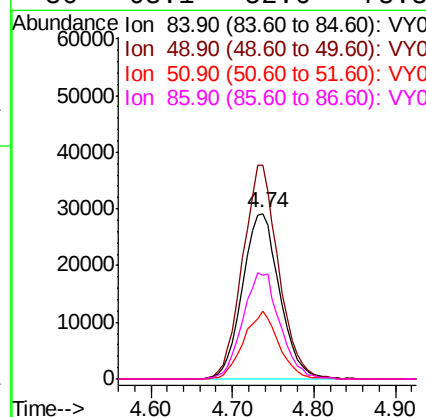
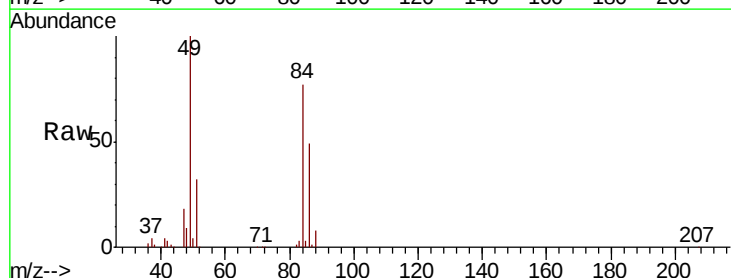
Instrument :
MSVOA_Y
ClientSampleId :

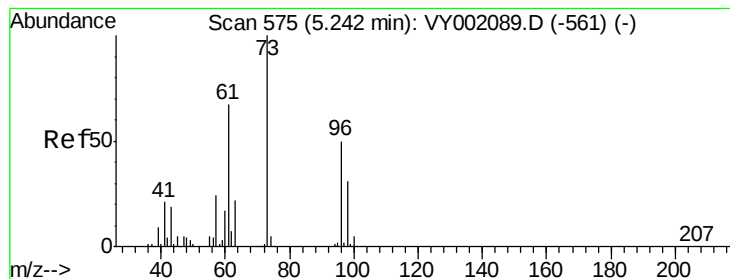
Tot Ion: 73 Resp: 217315
Ion Ratio Lower Upper
73 100
57 22.9 19.0 28.6



#20
Methylene Chloride
Concen: 44.237 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 84 Resp: 92105
Ion Ratio Lower Upper
84 100
49 129.3 102.2 153.4
51 40.9 31.2 46.8
86 63.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 44.022 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

ClientSampled :

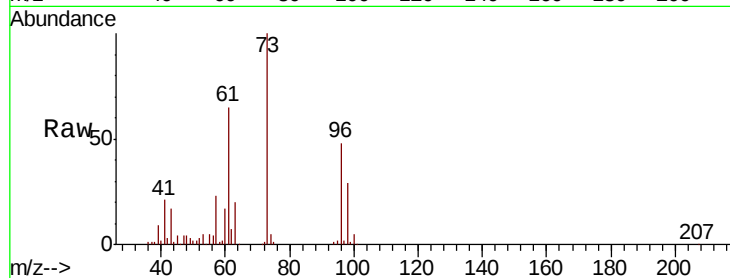
Tot Ion: 96 Resp: 86905

Ion Ratio Lower Upper

96 100

61 134.5 107.7 161.5

98 60.4 50.5 75.7

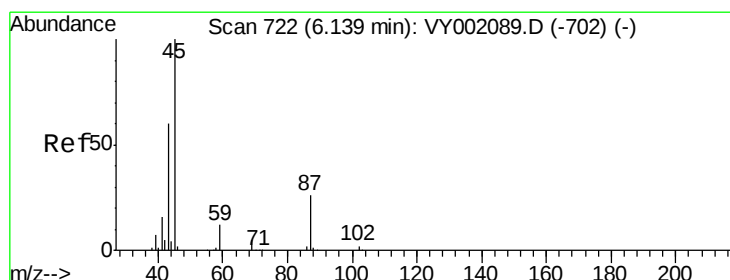
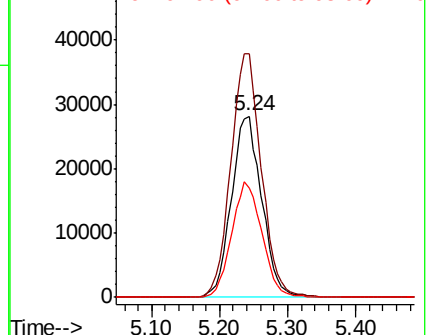
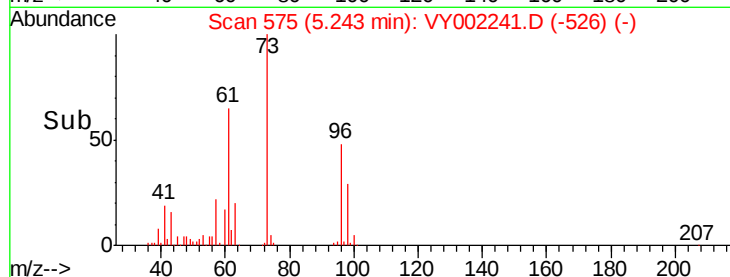


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 43.129 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Tgt Ion: 45 Resp: 280154

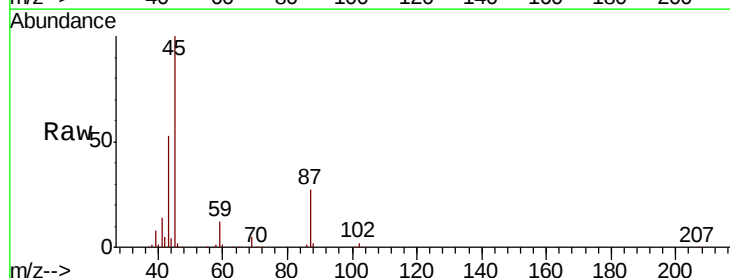
Ion Ratio Lower Upper

45 100

43 52.8 48.1 72.1

87 27.3 21.1 31.7

59 11.8 9.2 13.8



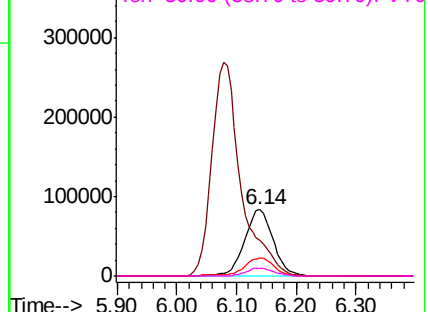
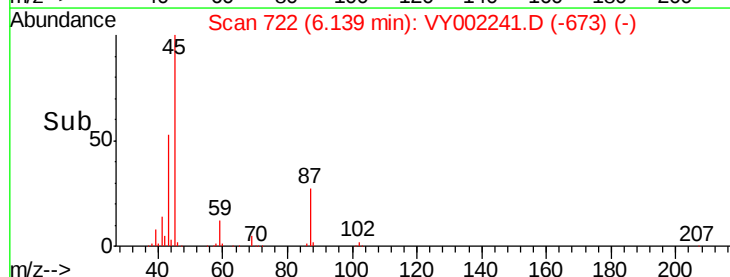
Abundance

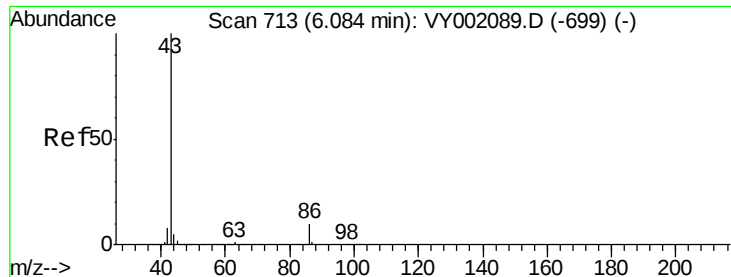
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 213.658 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

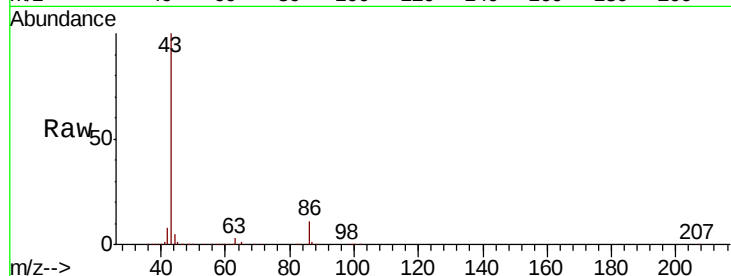
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 910064

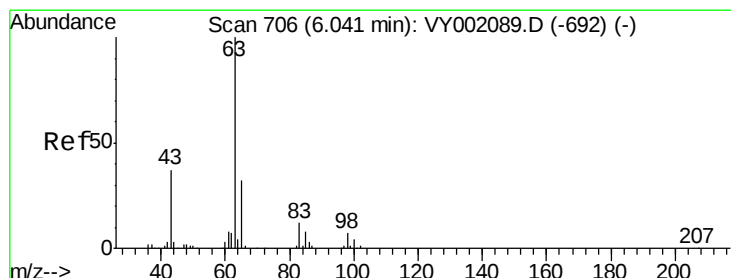
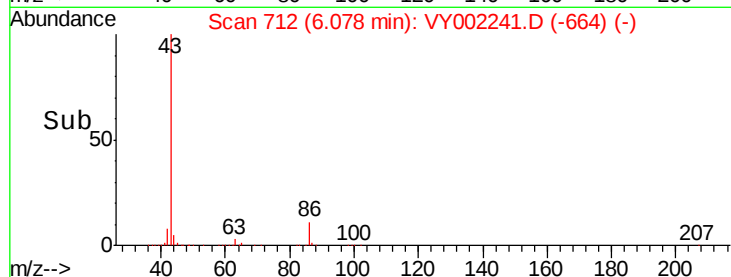
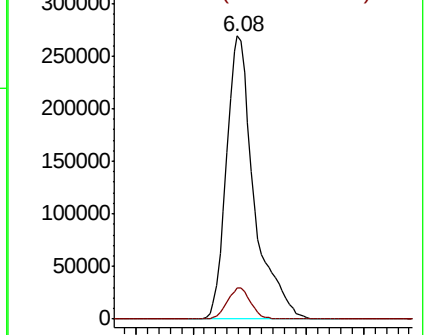
Ion Ratio Lower Upper

43 100

86 11.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 44.303 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

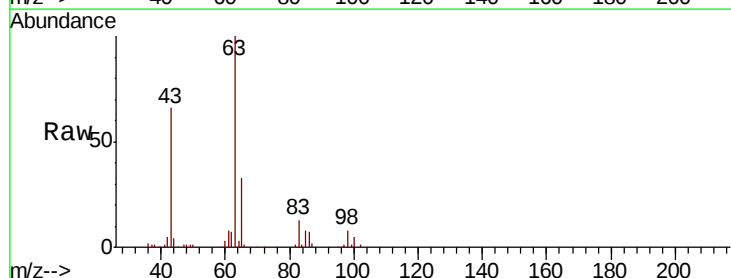
Tgt Ion: 63 Resp: 153009

Ion Ratio Lower Upper

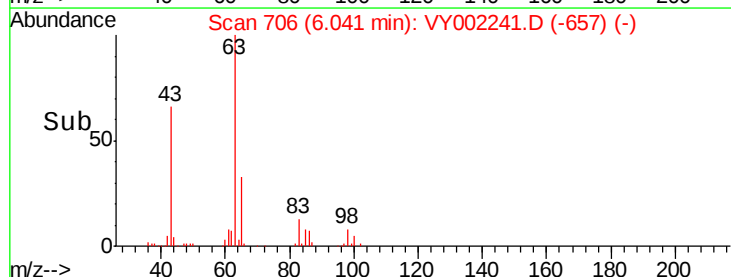
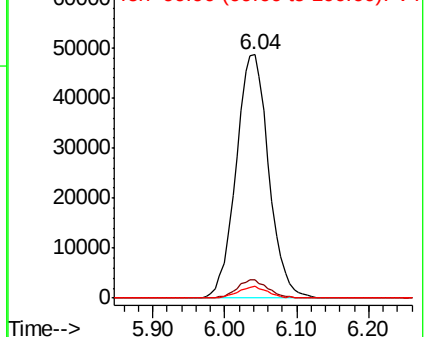
63 100

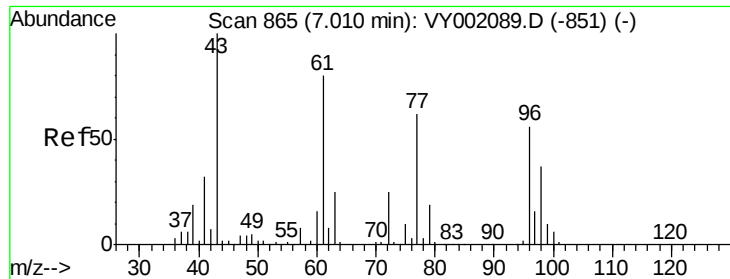
98 7.7 3.3 9.9

100 4.7 1.8 5.5



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





#25

2-Butanone

Concen: 201.342 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

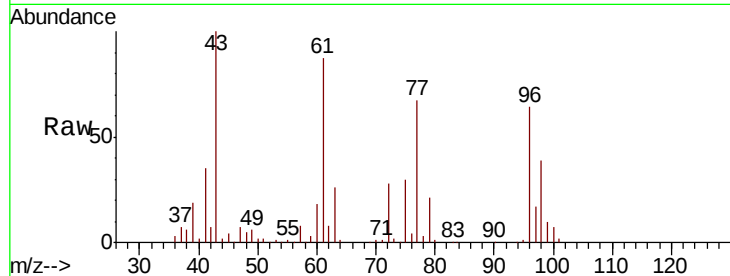
ClientSampleId :

Tot Ion: 43 Resp: 153428

Ion Ratio Lower Upper

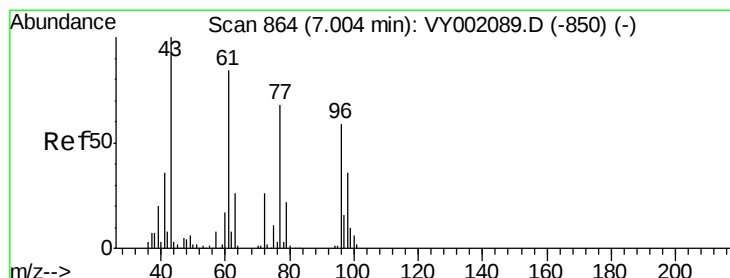
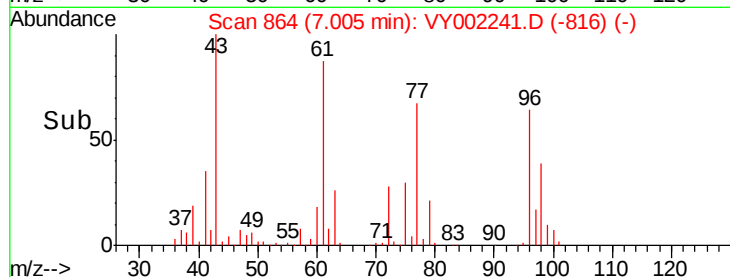
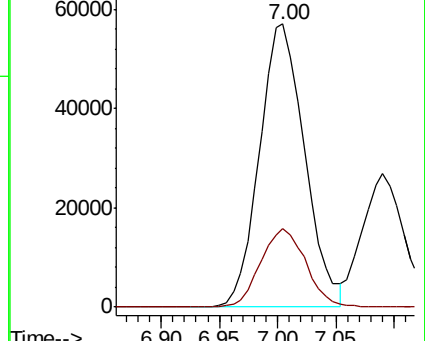
43 100

72 27.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 43.190 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002241.D

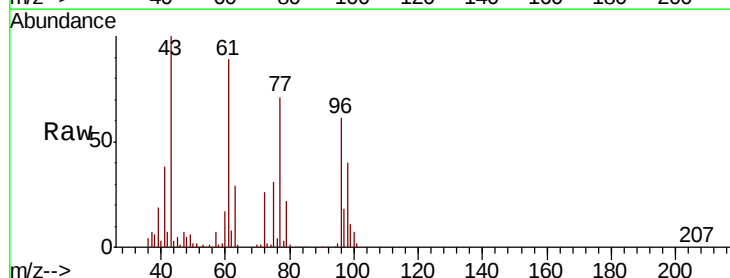
Acq: 06 Apr 2020 16:45

Tgt Ion: 77 Resp: 122852

Ion Ratio Lower Upper

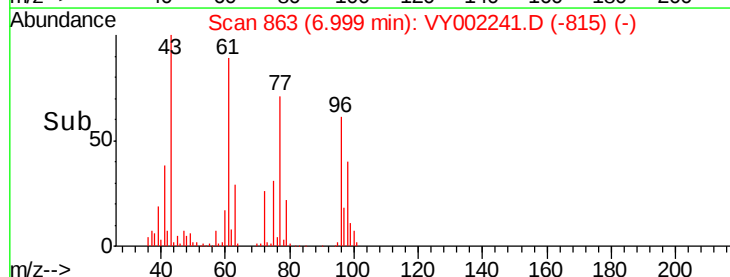
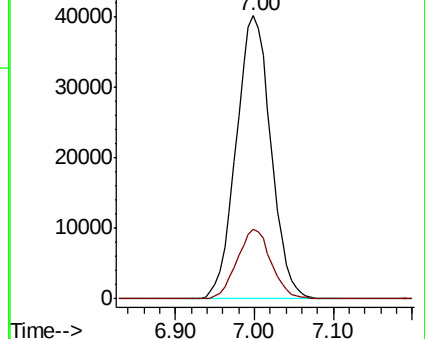
77 100

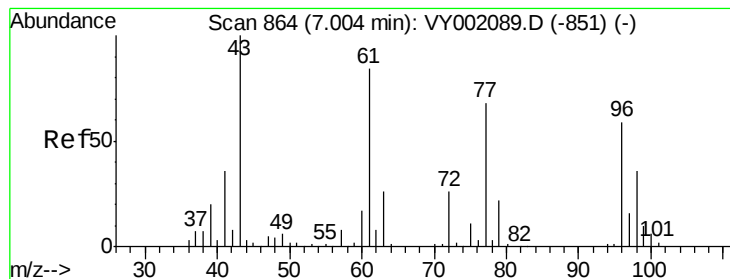
97 24.2 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



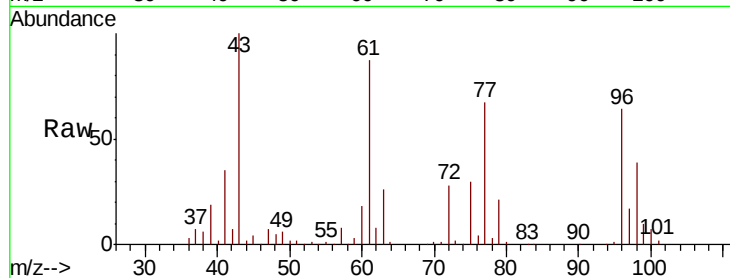


#27

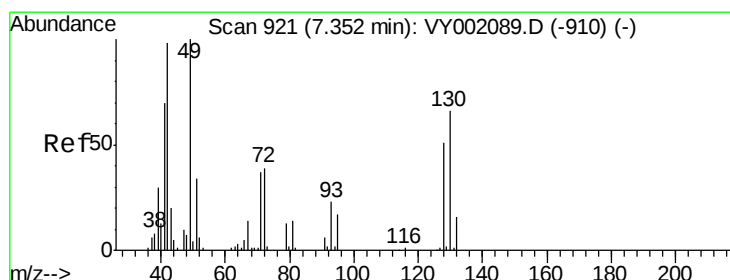
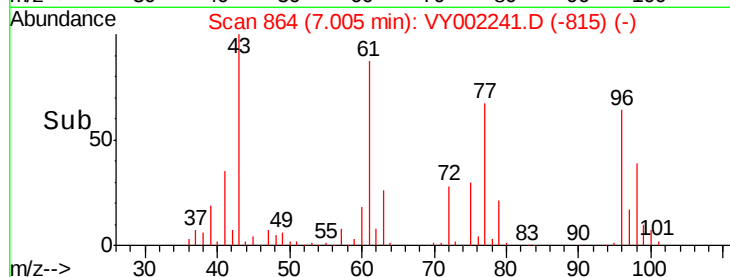
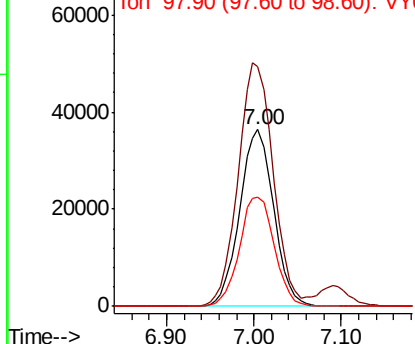
cis-1,2-Dichloroethene
Concen: 45.314 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 98414
Ion Ratio Lower Upper
96 100
61 142.6 0.0 290.6
98 63.5 0.0 128.0



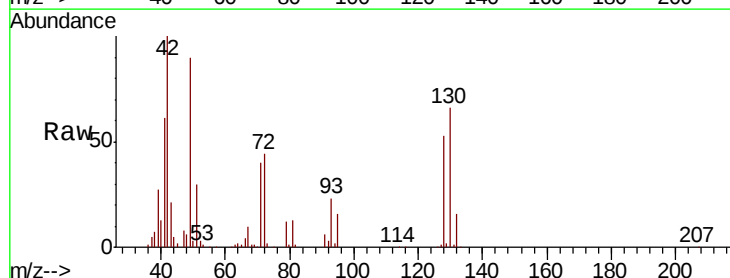
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



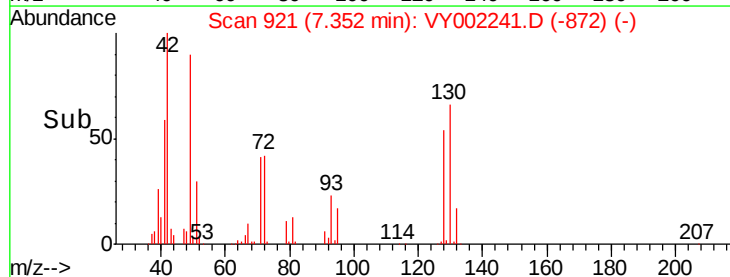
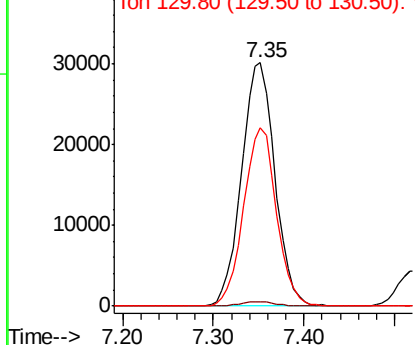
#28

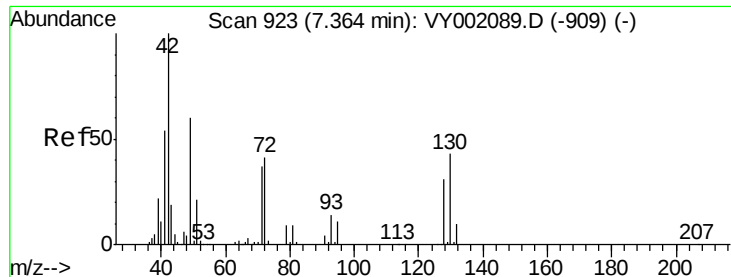
Bromochloromethane
Concen: 48.607 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 49 Resp: 76640
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 72.1 54.1 81.1



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

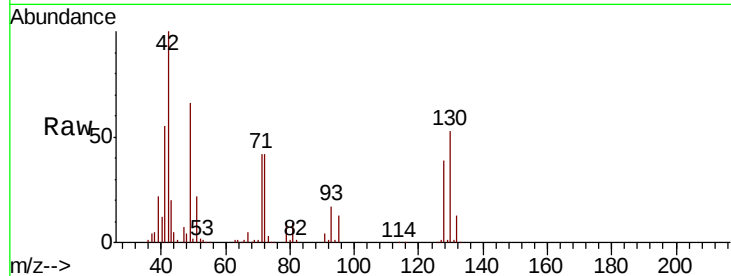




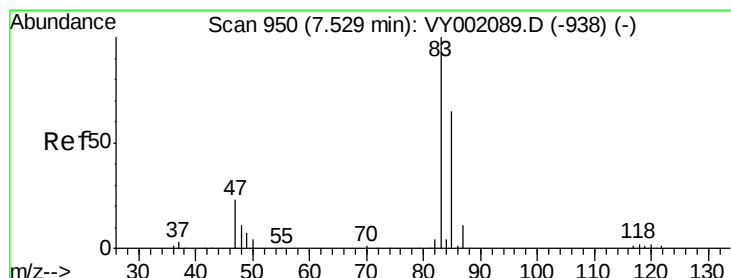
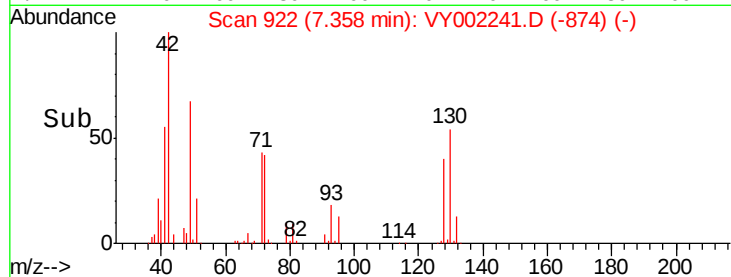
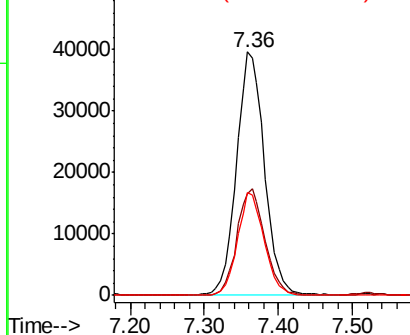
#29
Tetrahydrofuran
Concen: 208.956 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 104397
Ion Ratio Lower Upper
42 100
72 43.4 33.0 49.4
71 40.1 31.2 46.8

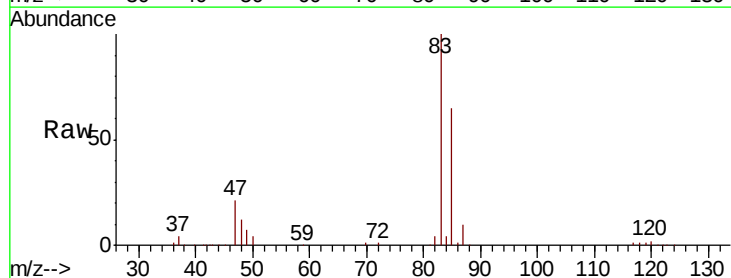


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

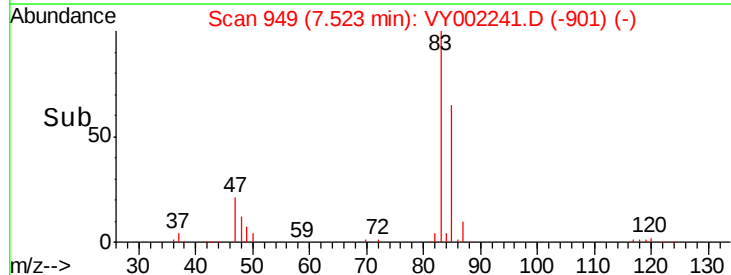
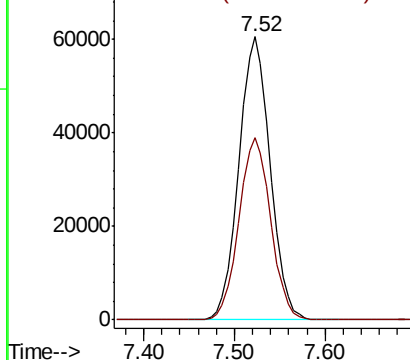


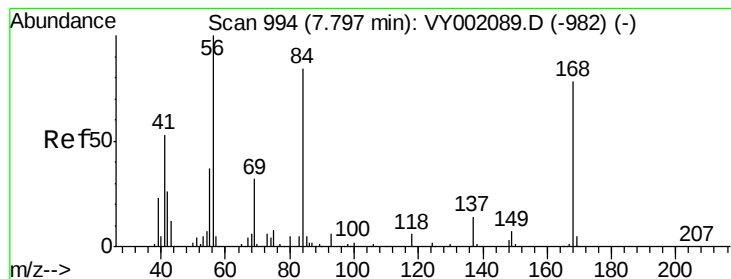
#30
Chloroform
Concen: 44.339 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 83 Resp: 145148
Ion Ratio Lower Upper
83 100
85 64.5 52.4 78.6



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





#31

Cyclohexane

Concen: 40.829 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

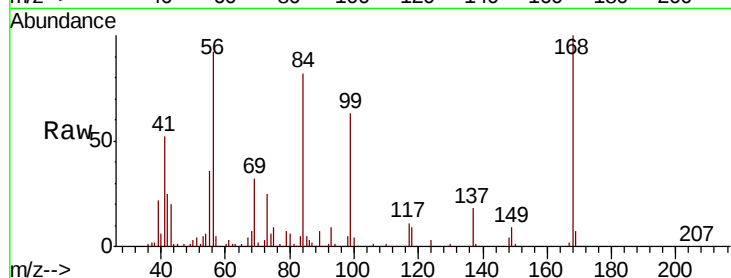
Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 150257

Ion	Ratio	Lower	Upper
56	100		
69	34.3	25.8	38.8
84	87.1	67.1	100.7

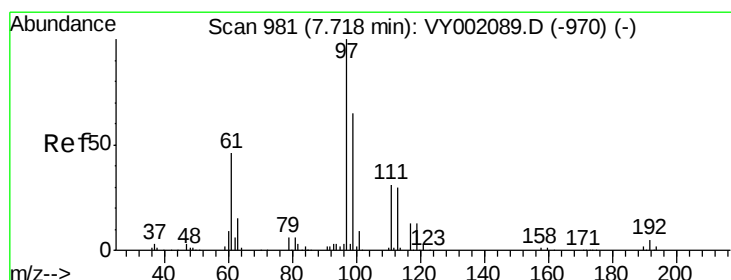
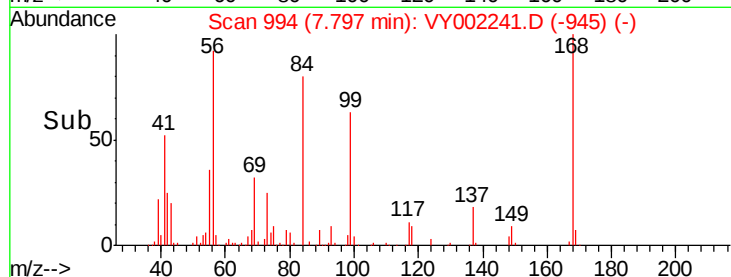
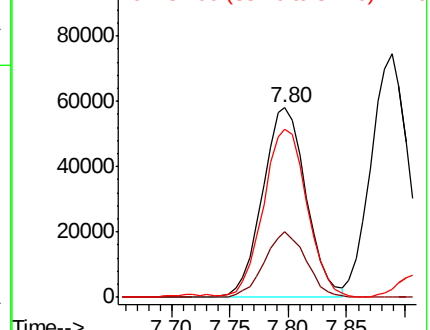


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 43.973 ug/l

RT: 7.71 min Scan# 980

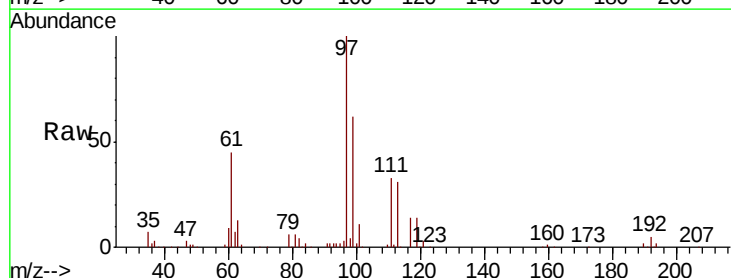
Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Tgt Ion: 97 Resp: 120189

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.0	78.0
61	43.7	35.7	53.5

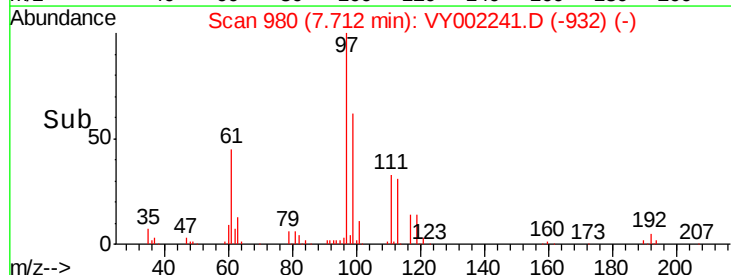
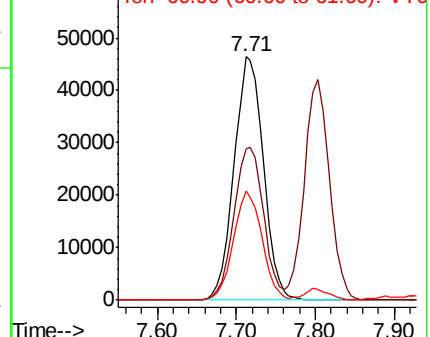


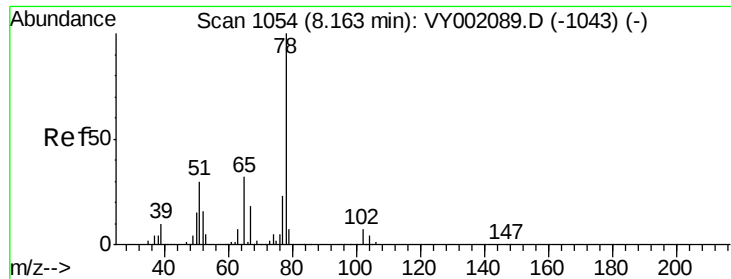
Abundance

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

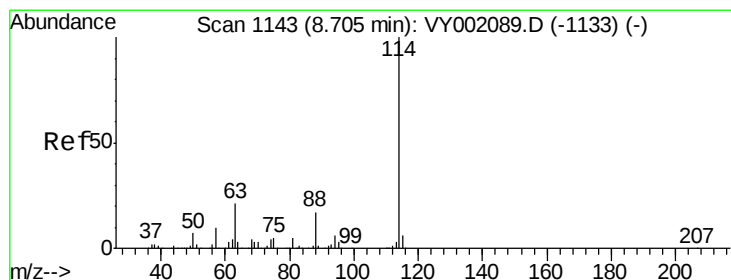
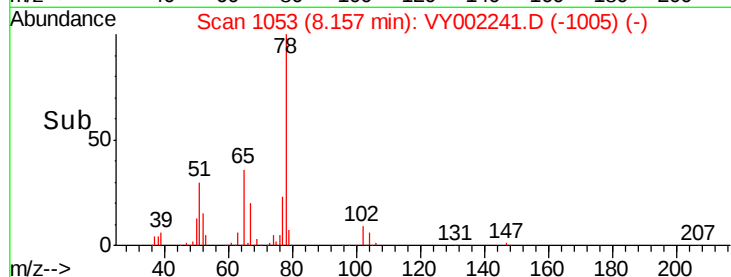
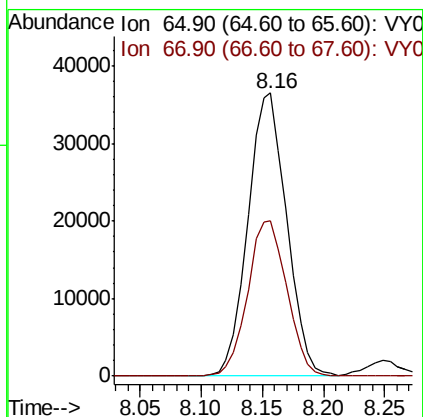
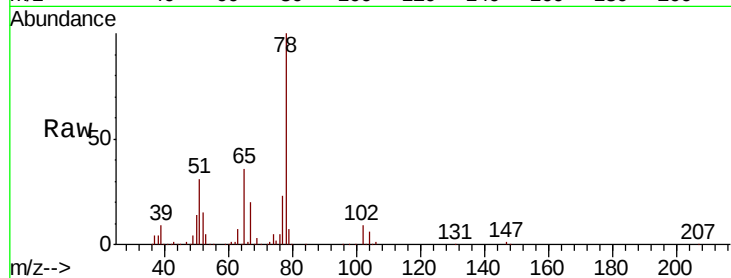




#33
 1,2-Dichloroethane-d4
 Concen: 45.591 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

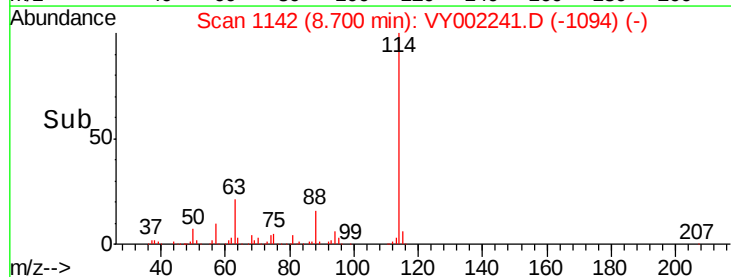
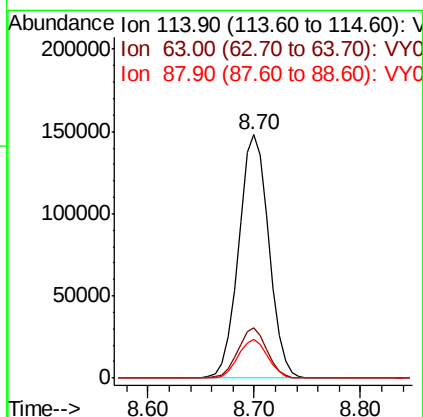
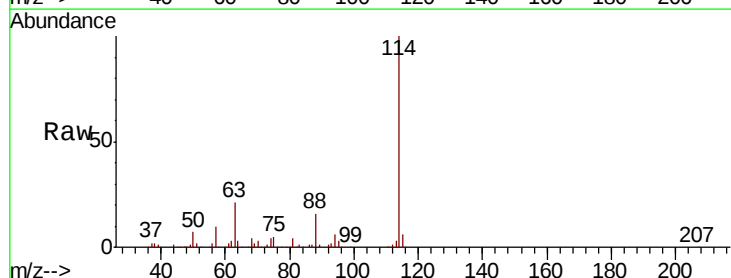
Instrument :
 MSVOA_Y
 ClientSampleId :

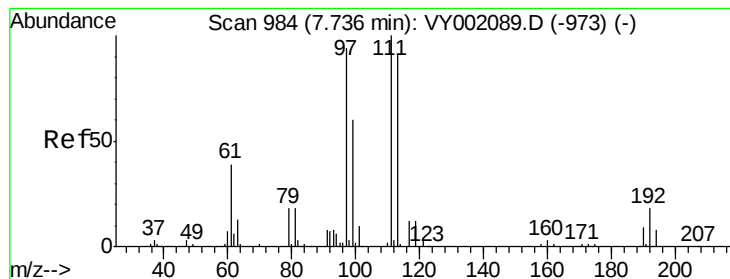
Tot Ion: 65 Resp: 80532
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Tgt Ion: 114 Resp: 293947
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.314 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

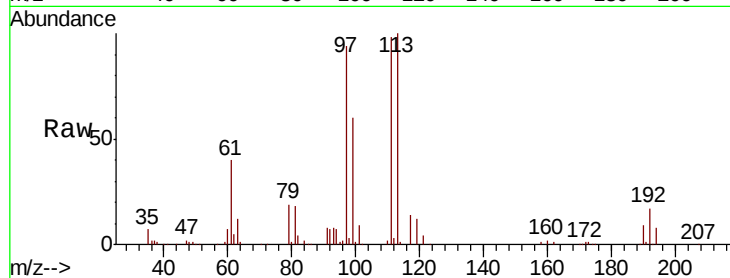
Tot Ion:113 Resp: 79575

Ion Ratio Lower Upper

113 100

111 103.2 84.4 126.6

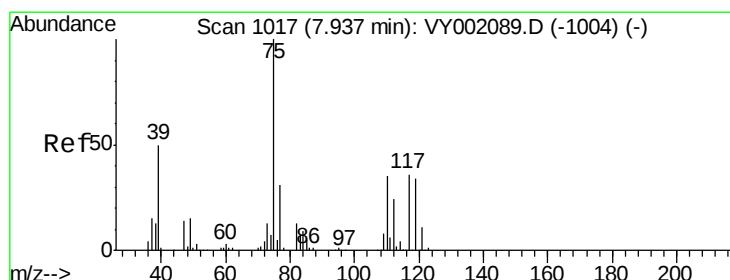
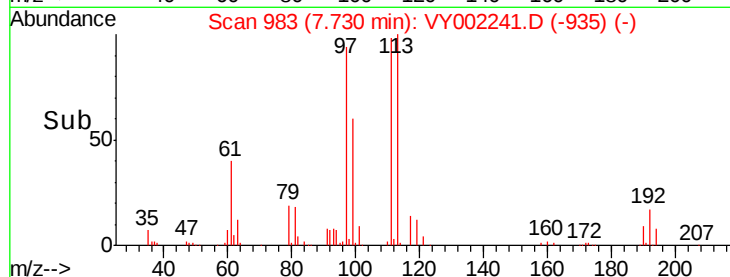
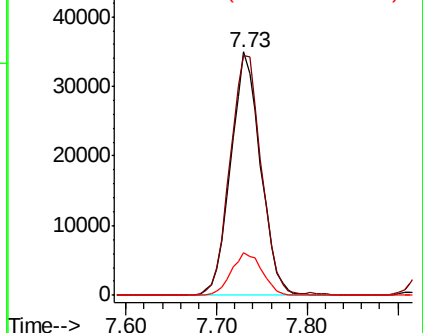
192 17.9 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 42.676 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

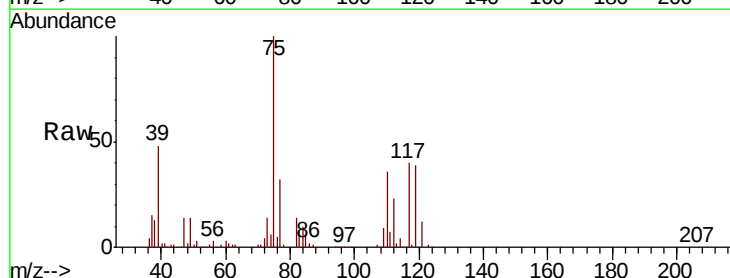
Tgt Ion: 75 Resp: 118653

Ion Ratio Lower Upper

75 100

110 35.6 17.2 51.6

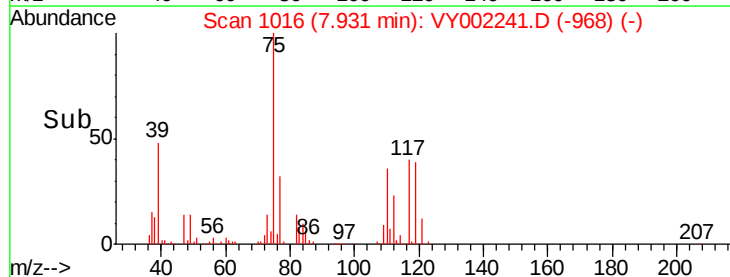
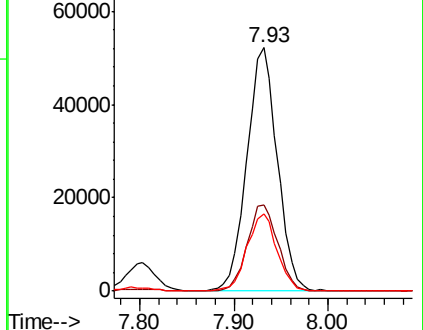
77 31.4 24.7 37.1

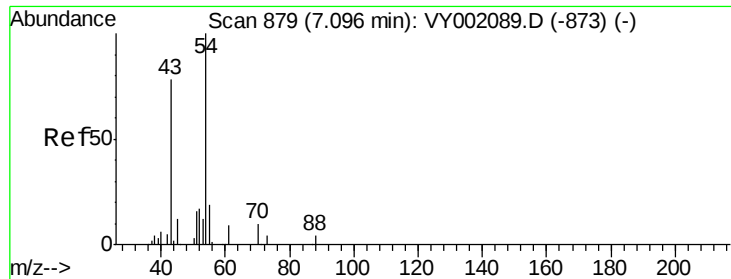


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

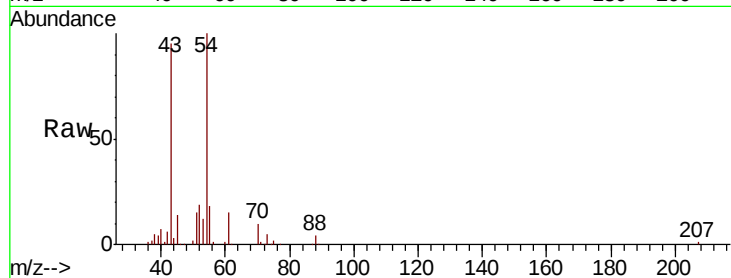




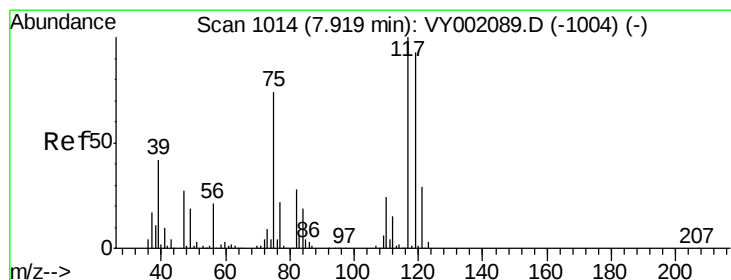
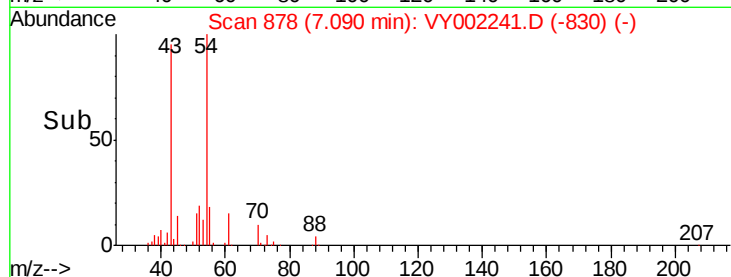
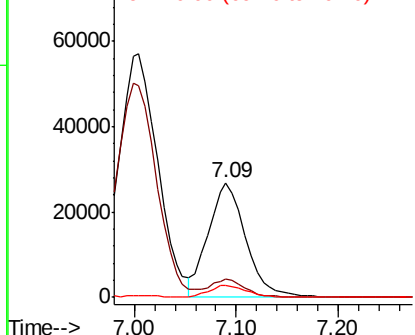
#37
Ethyl Acetate
Concen: 40.772 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 68504
Ion Ratio Lower Upper
43 100
61 15.4 11.2 16.8
70 10.7 8.2 12.4

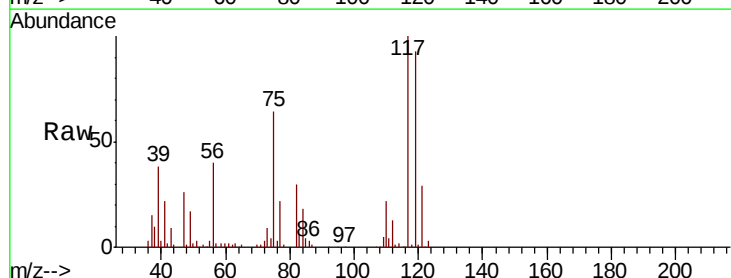


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

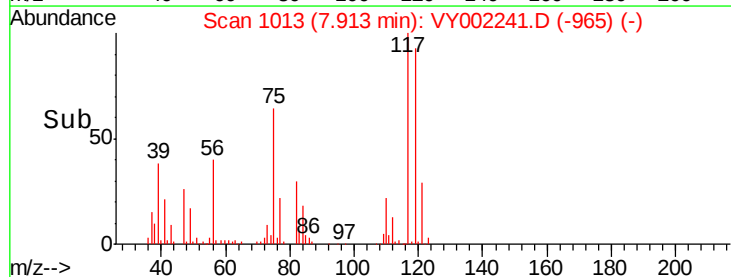
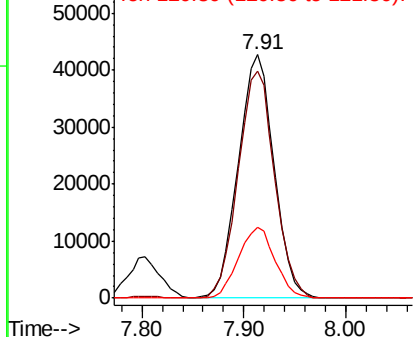


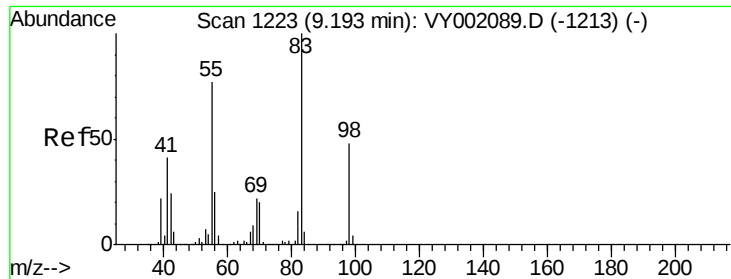
#38
Carbon Tetrachloride
Concen: 43.988 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 117 Resp: 103763
Ion Ratio Lower Upper
117 100
119 93.1 74.3 111.5
121 28.9 23.3 34.9



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

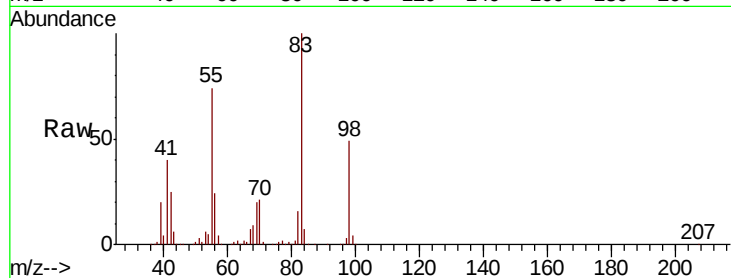




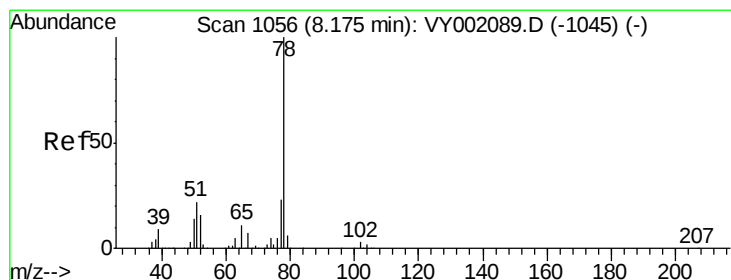
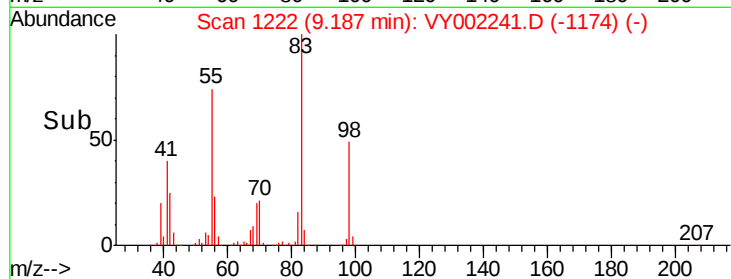
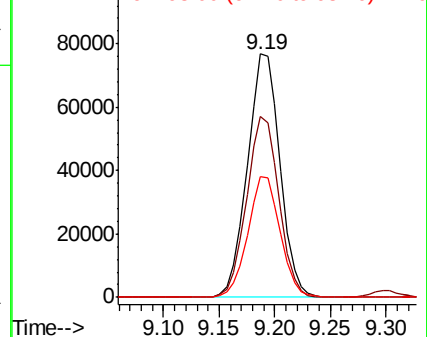
#39
Methvlcvclohexane
Concen: 42.891 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 156422
Ion Ratio Lower Upper
83 100
55 74.4 61.2 91.8
98 49.5 38.2 57.2

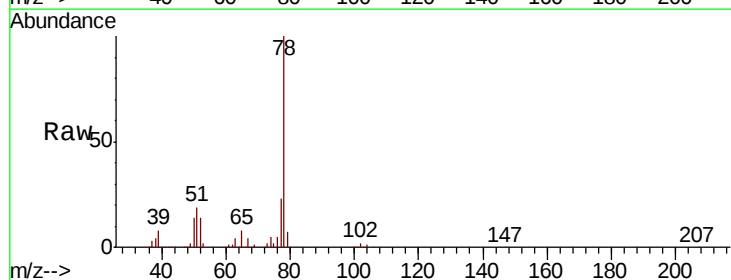


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

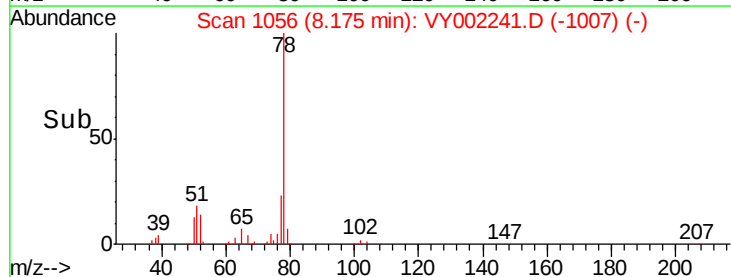
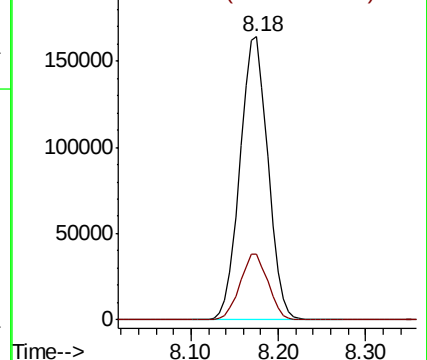


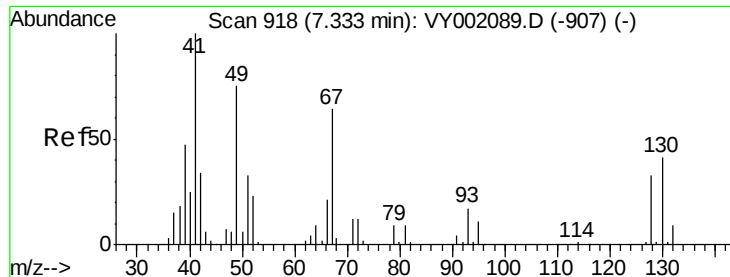
#40
Benzene
Concen: 44.365 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 78 Resp: 365378
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4



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

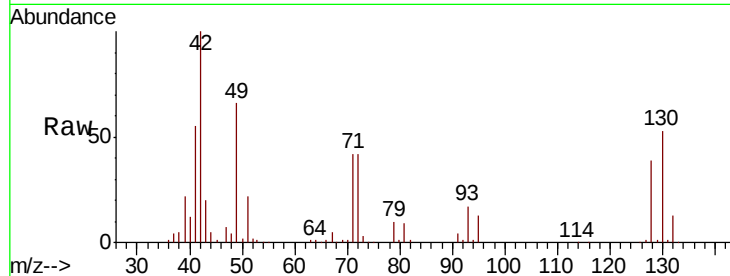




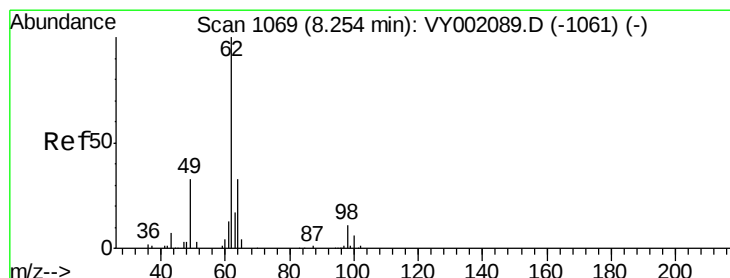
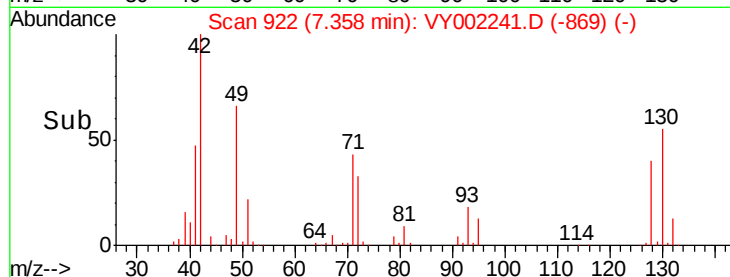
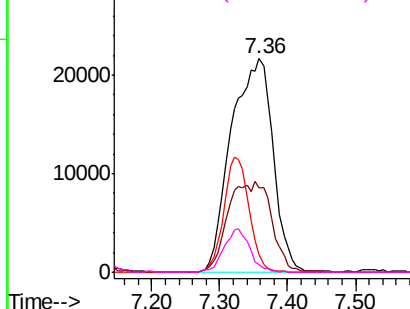
#41
Methacrylonitrile
Concen: 109.012 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 92646
Ion Ratio Lower Upper
41 100
39 44.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

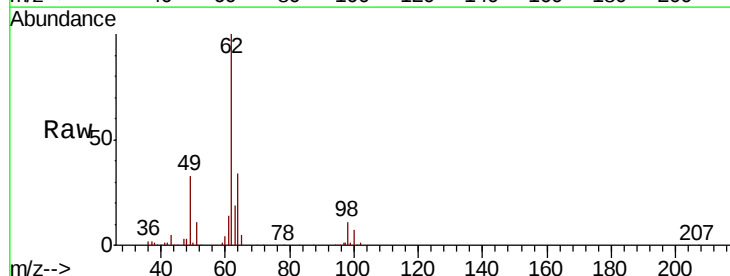


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

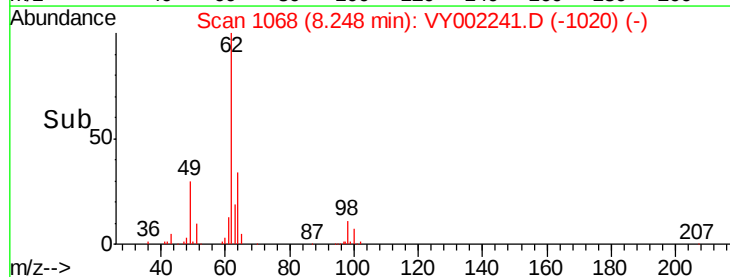
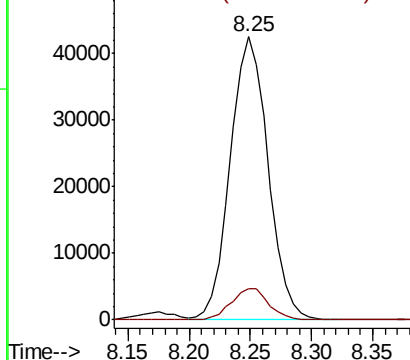


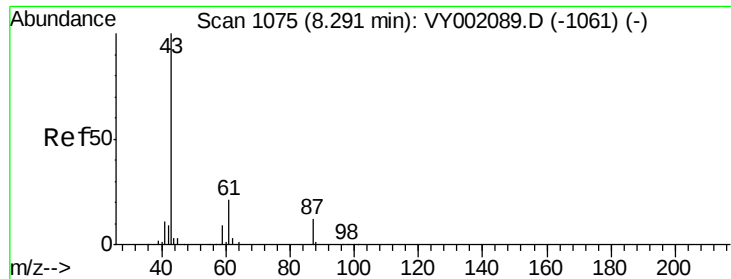
#42
1,2-Dichloroethane
Concen: 41.761 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 62 Resp: 91310
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.2



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

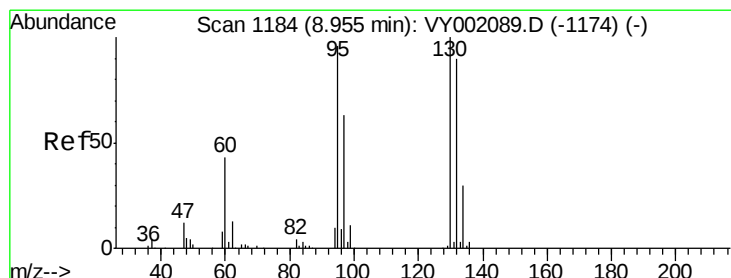
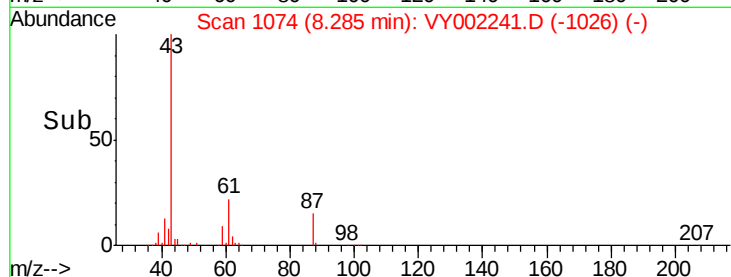
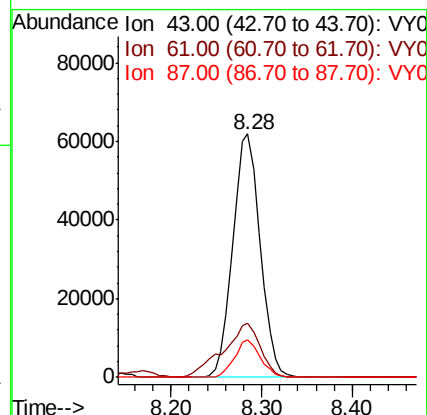
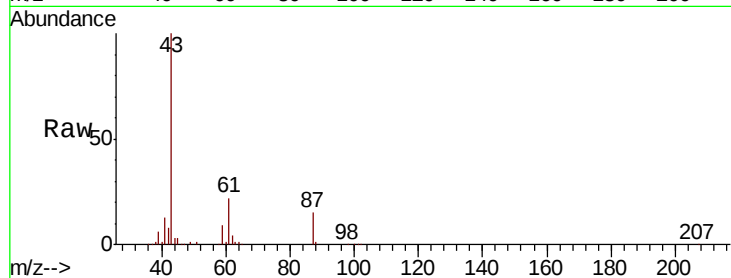




#43
Isopropyl Acetate
Concen: 41.657 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

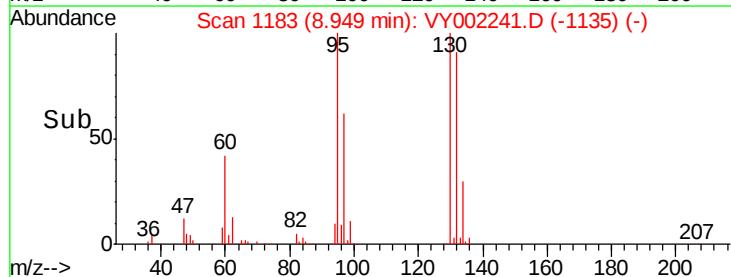
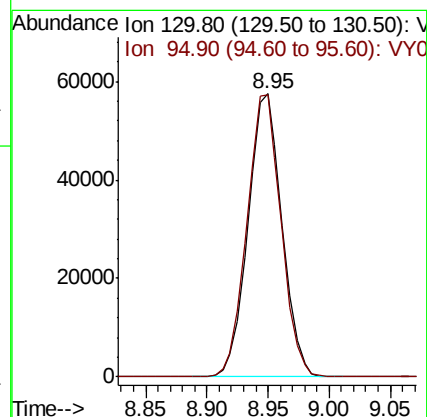
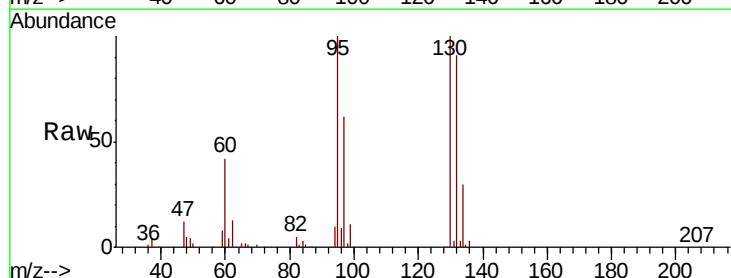
Instrument :
MSVOA_Y
ClientSampleId :

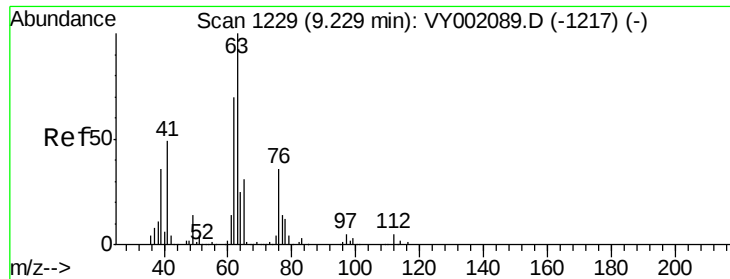
Tot Ion	43	Resp	129906
Ion Ratio	Lower	Upper	
43	100		
61	30.1	23.4	35.2
87	14.6	10.2	15.4



#44
Trichloroethene
Concen: 55.684 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion	130	Resp	110545
Ion Ratio	Lower	Upper	
130	100		
95	99.8	0.0	193.0

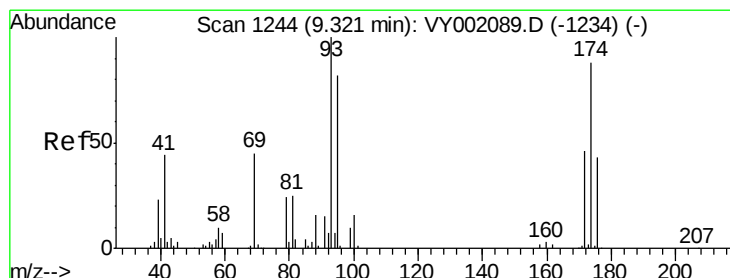
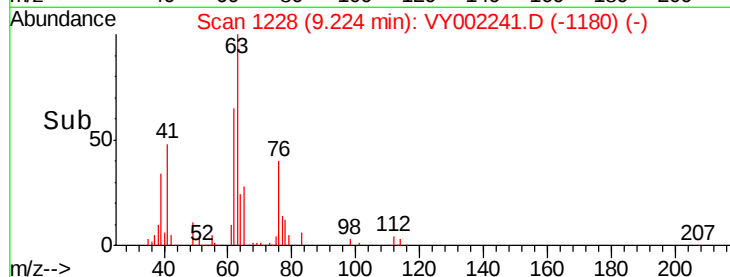
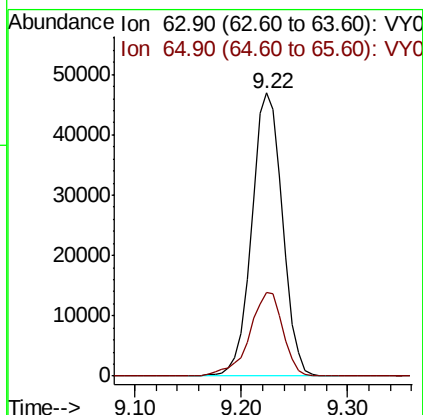
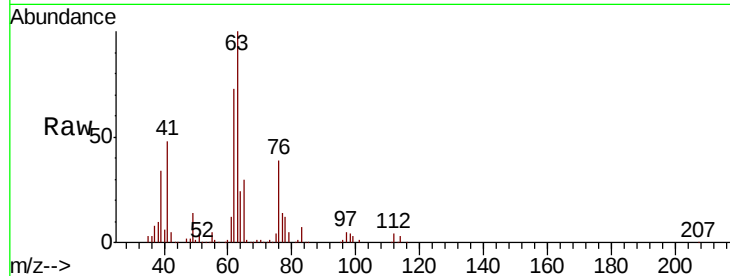




#45
 1,2-Dichloropropane
 Concen: 45.219 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

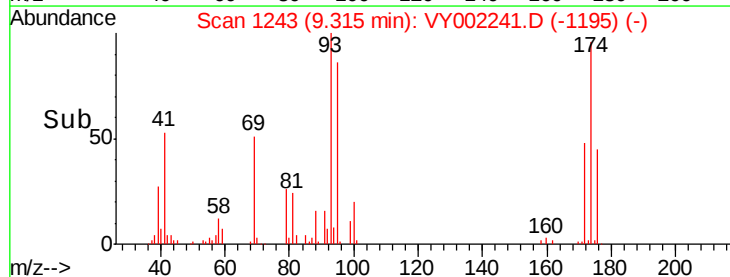
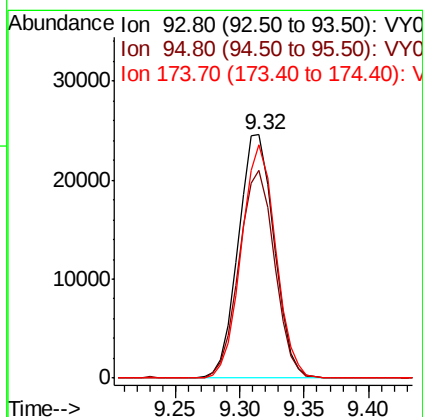
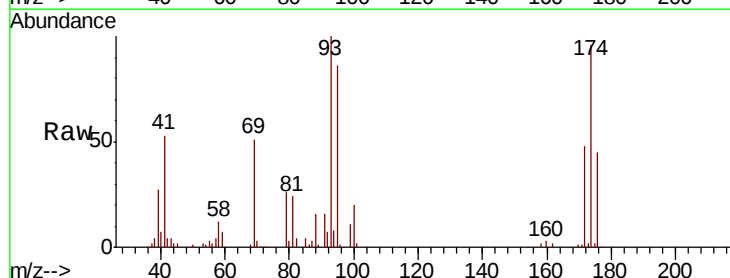
Instrument :
 MSVOA_Y
 ClientSampled :

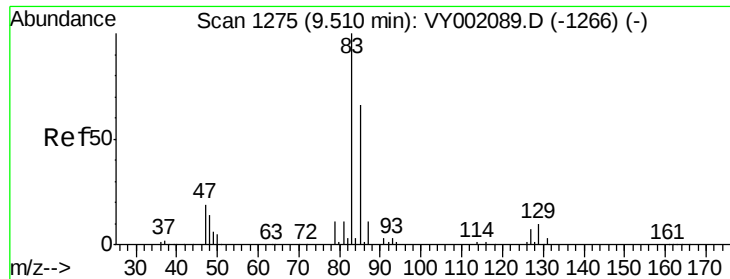
Tot Ion: 63 Resp: 94823
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6



#46
 Dibromomethane
 Concen: 44.080 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Tgt Ion: 93 Resp: 47471
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.0 99.0
 174 91.5 69.8 104.8

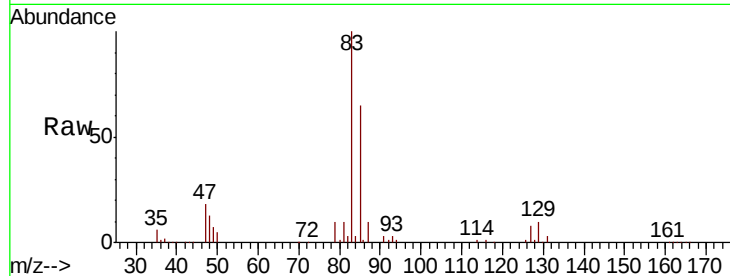




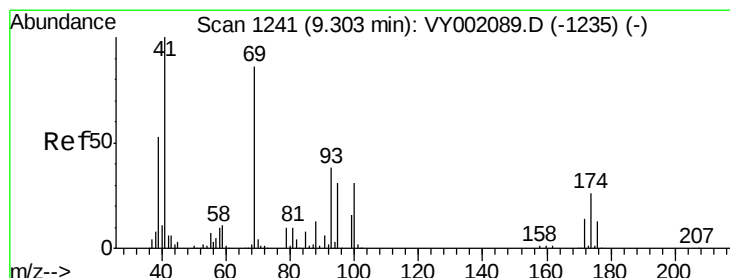
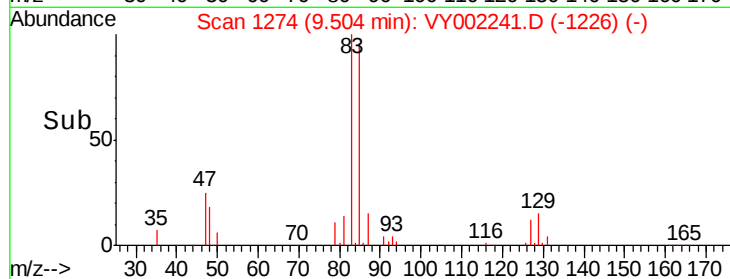
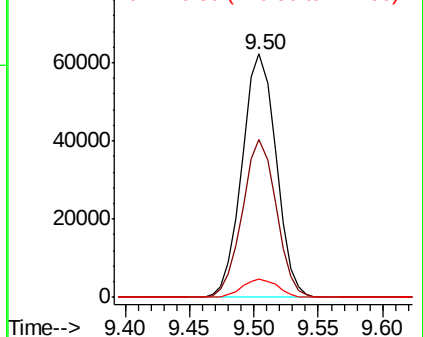
#47
 Bromodichloromethane
 Concen: 45.425 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 83 Resp: 113881
 Ion Ratio Lower Upper
 83 100
 85 65.0 52.6 79.0
 127 7.8 5.9 8.9

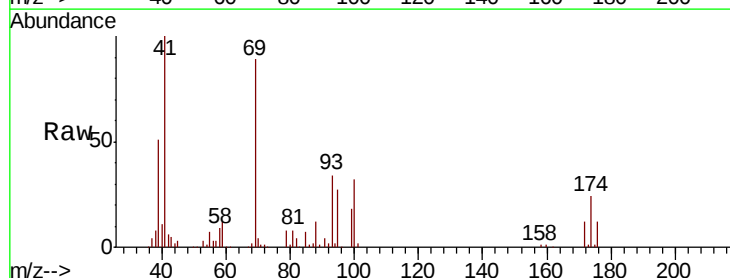


Abundance Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 126.80 (126.50 to 127.50): VY0

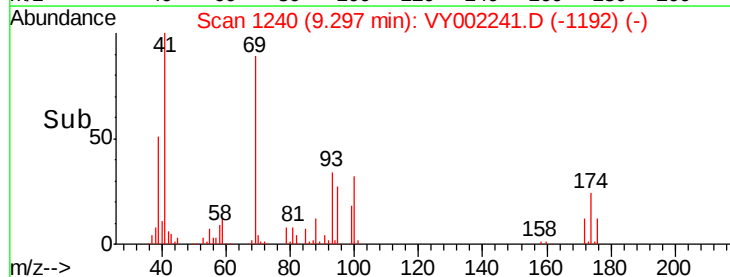
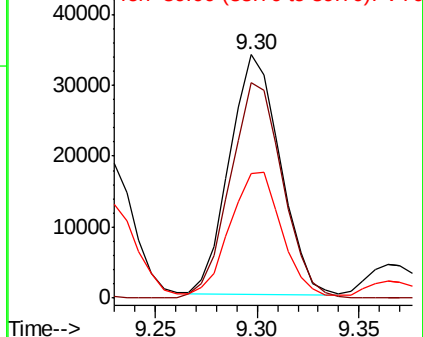


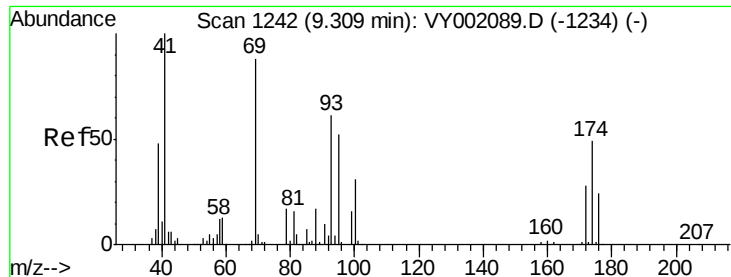
#48
 Methyl methacrylate
 Concen: 41.757 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Tgt Ion: 41 Resp: 58354
 Ion Ratio Lower Upper
 41 100
 69 93.1 71.4 107.0
 39 51.9 41.0 61.4



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

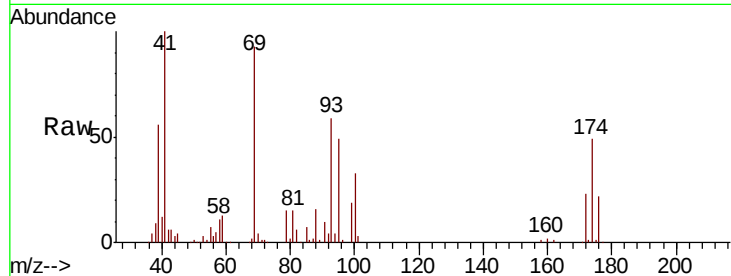




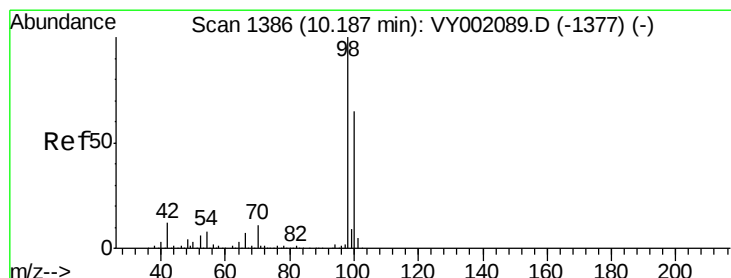
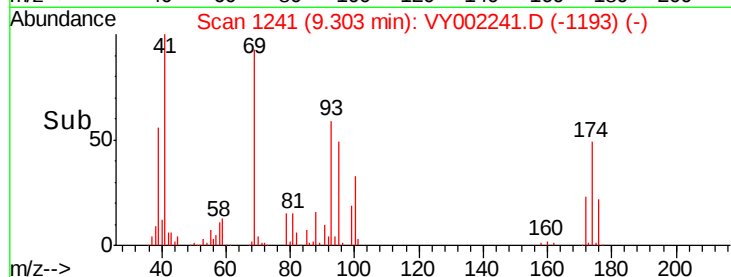
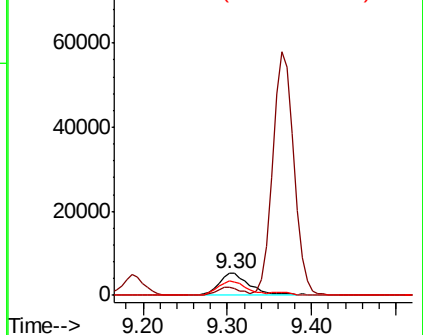
#49
1,4-Dioxane
Concen: 913.450 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 13499
Ion Ratio Lower Upper
88 100
43 28.8 27.2 40.8
58 61.6 59.8 89.8

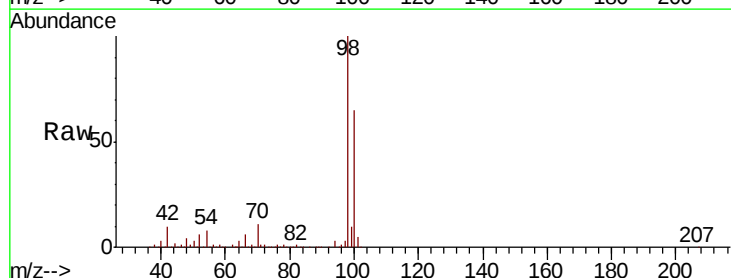


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

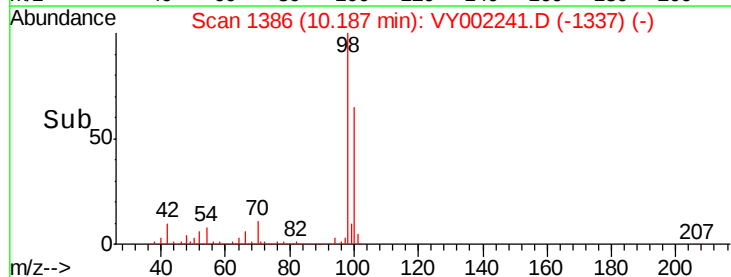
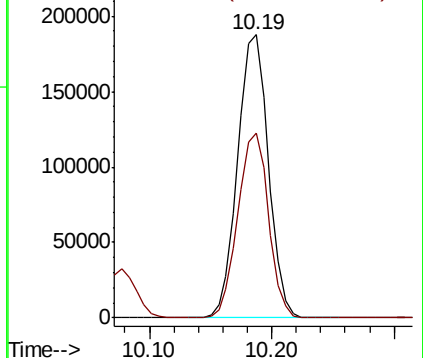


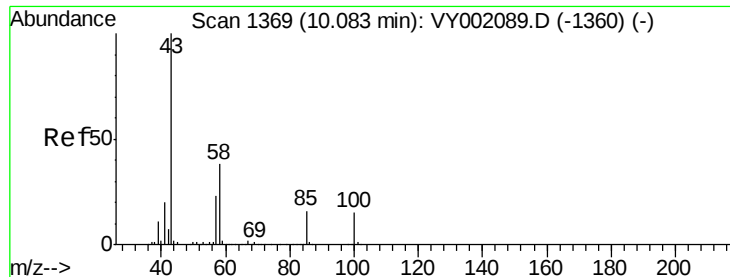
#50
Toluene-d8
Concen: 47.754 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 98 Resp: 326740
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 209.878 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

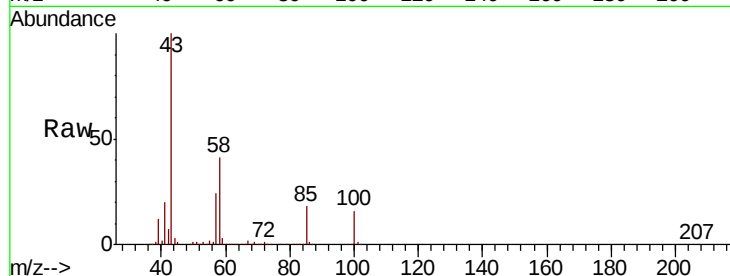
ClientSampled :

Tot Ion: 43 Resp: 337012

Ion Ratio Lower Upper

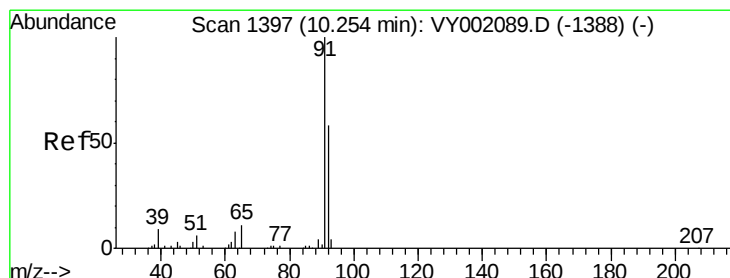
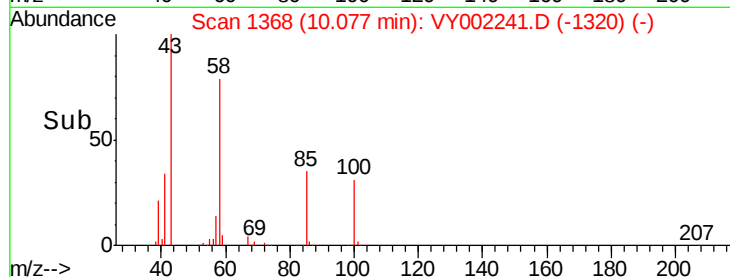
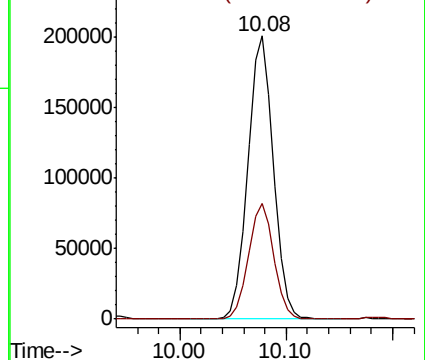
43 100

58 40.7 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 44.860 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002241.D

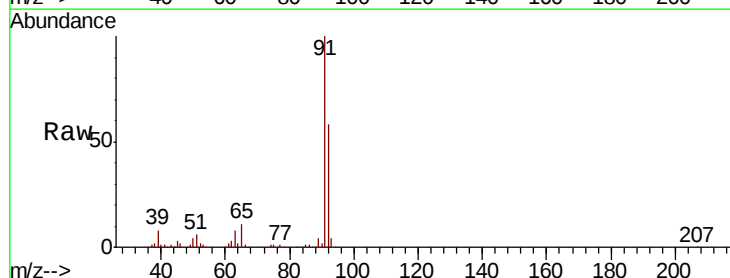
Acq: 06 Apr 2020 16:45

Tgt Ion: 92 Resp: 223455

Ion Ratio Lower Upper

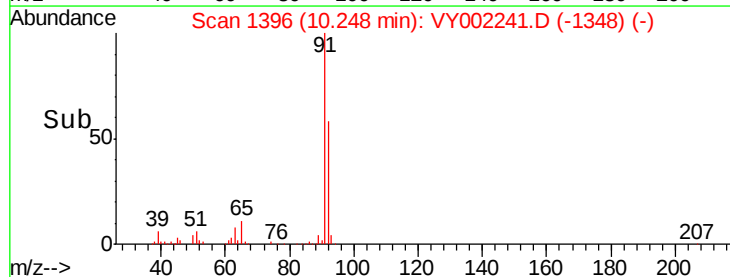
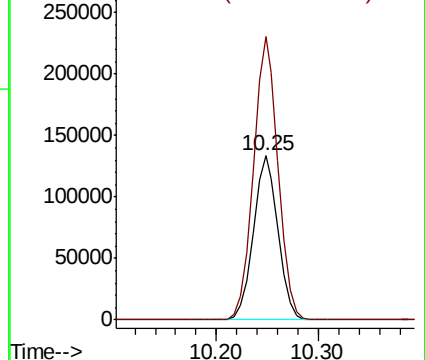
92 100

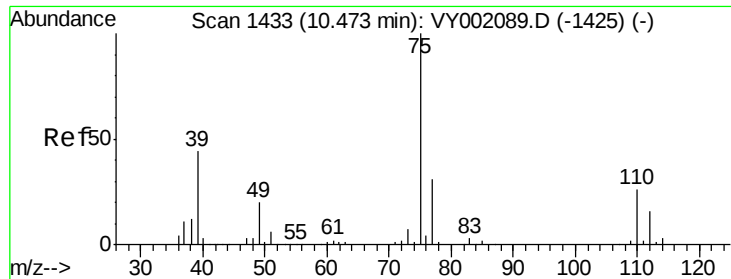
91 172.6 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

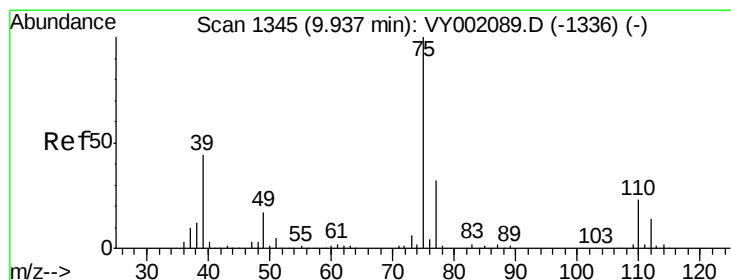
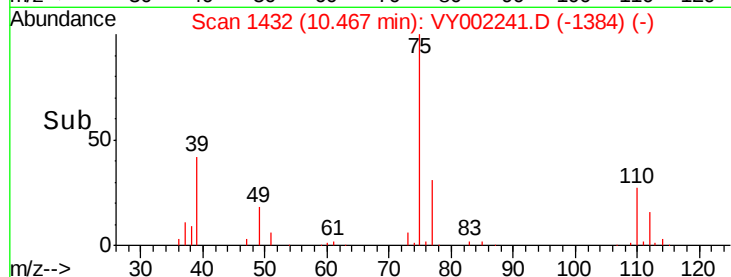
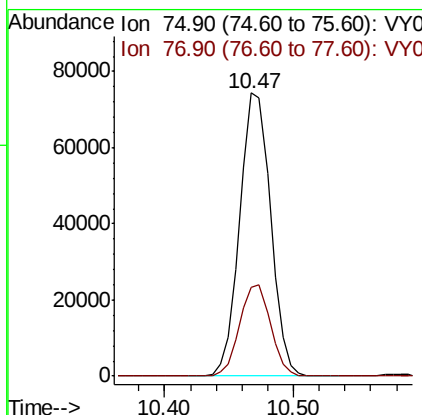
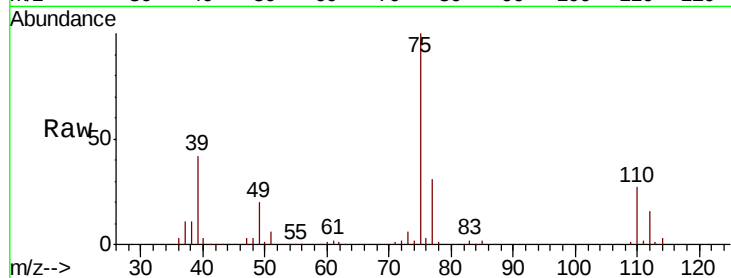




#53
t-1,3-Dichloropropene
Concen: 44.403 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

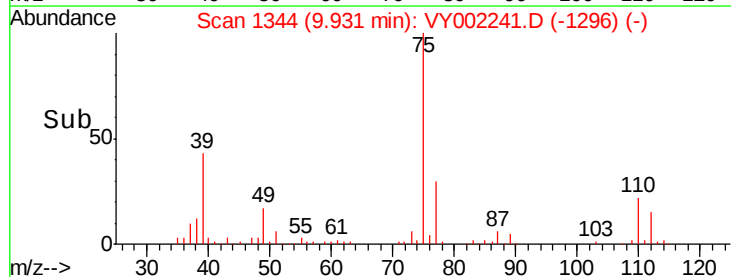
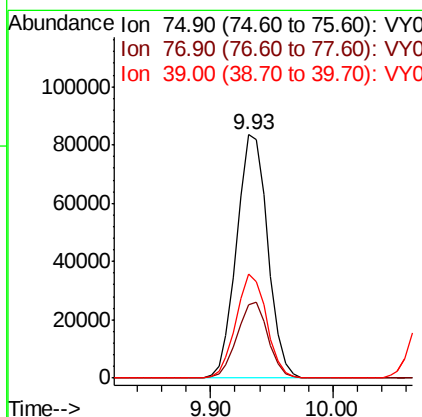
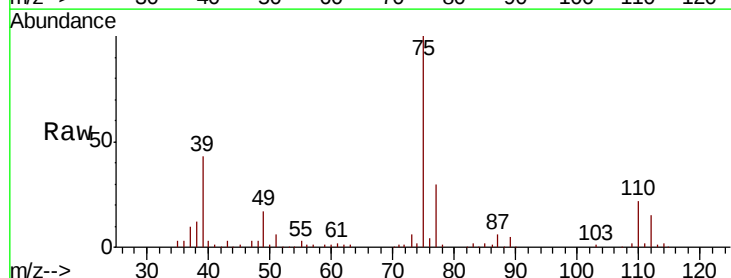
Instrument :
MSVOA_Y
ClientSampleId :

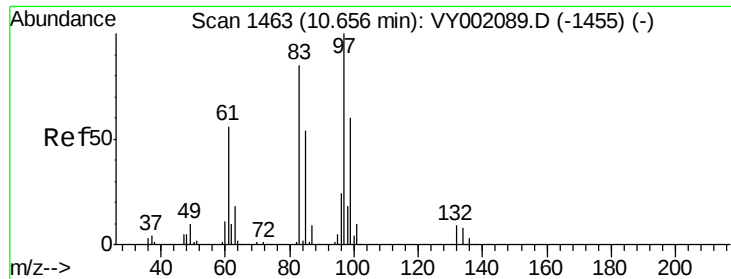
Tot Ion: 75 Resp: 123557
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 44.806 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 75 Resp: 146792
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4
39 42.7 35.2 52.8

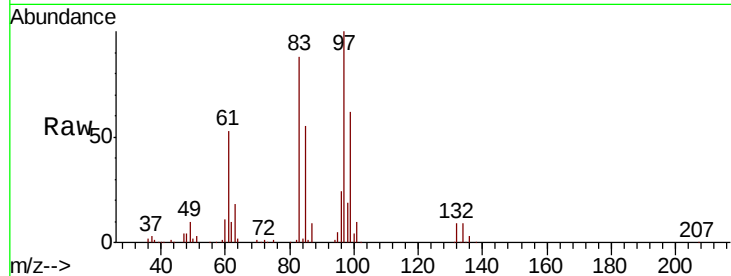




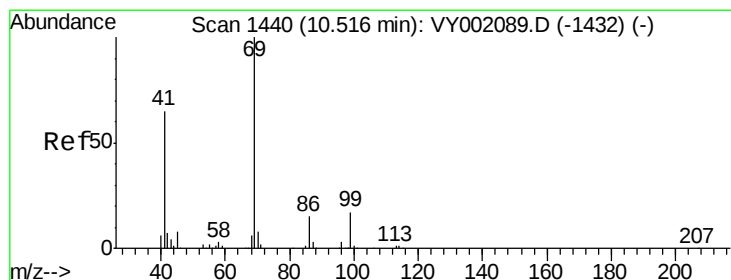
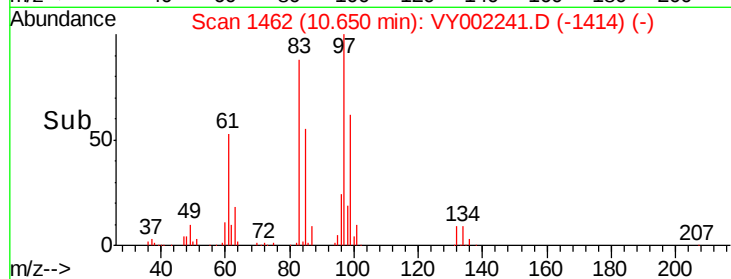
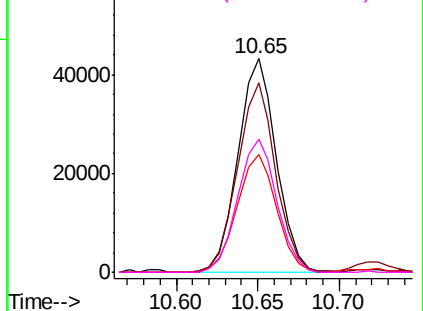
#55
 1,1,2-Trichloroethane
 Concen: 44.131 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 70340
 Ion Ratio Lower Upper
 97 100
 83 88.4 68.2 102.2
 85 55.1 42.9 64.3
 99 62.5 47.9 71.9

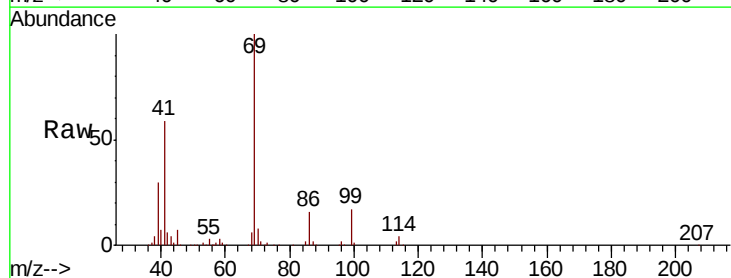


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

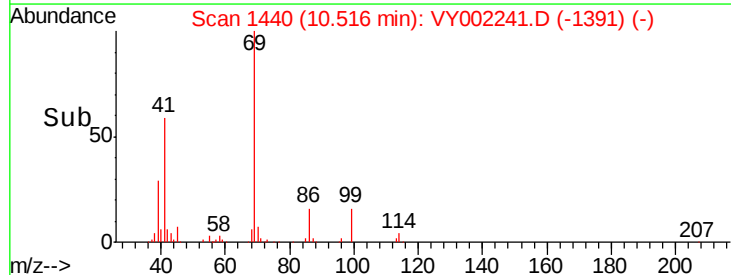
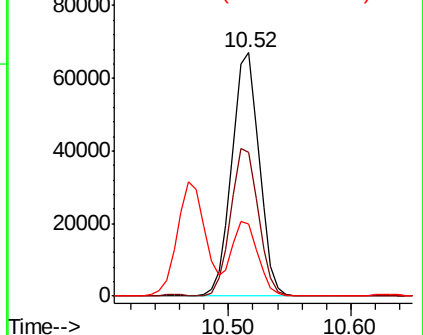


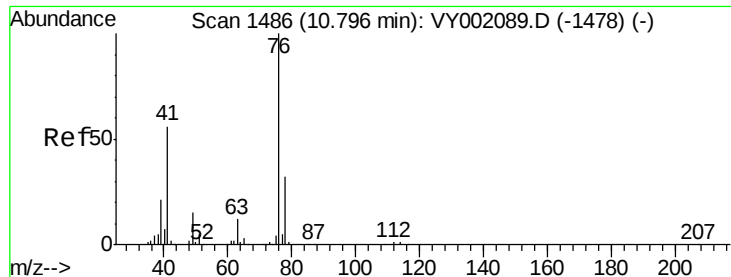
#56
 Ethyl methacrylate
 Concen: 44.494 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Tgt Ion: 69 Resp: 103582
 Ion Ratio Lower Upper
 69 100
 41 61.7 52.8 79.2
 39 30.1 25.0 37.6



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





#57

1,3-Dichloropropane

Concen: 44.433 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

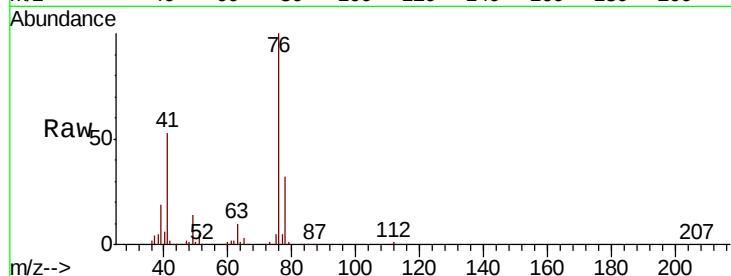
ClientSampled :

Tot Ion: 76 Resp: 125129

Ion Ratio Lower Upper

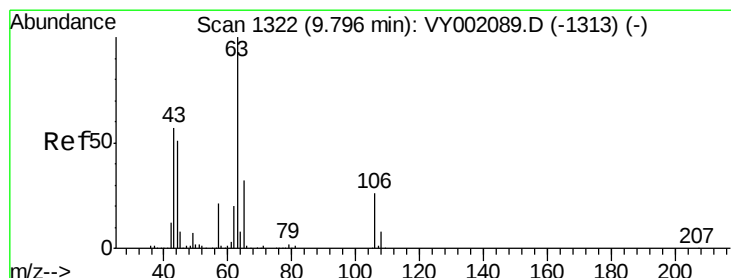
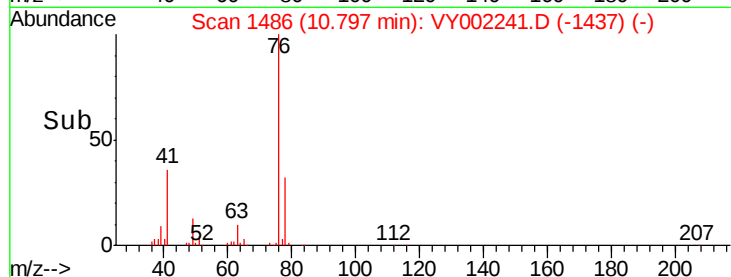
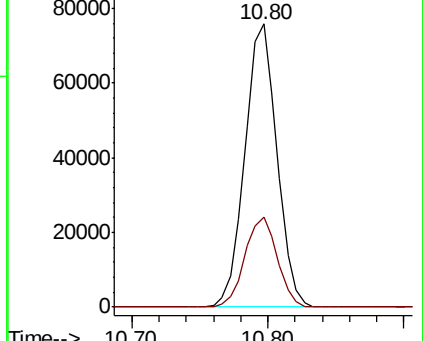
76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 243.279 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002241.D

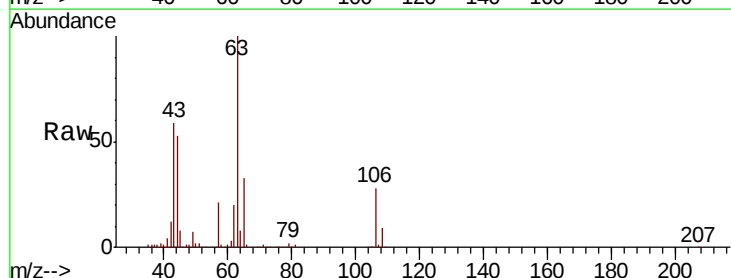
Acq: 06 Apr 2020 16:45

Tgt Ion: 63 Resp: 291016

Ion Ratio Lower Upper

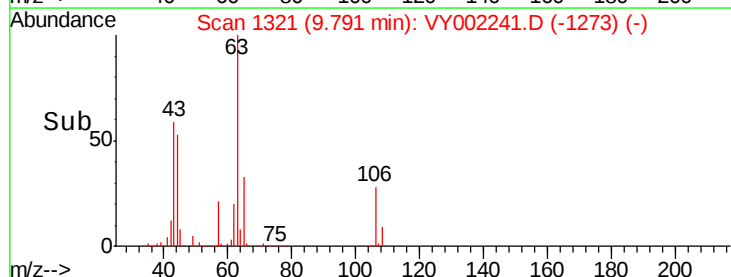
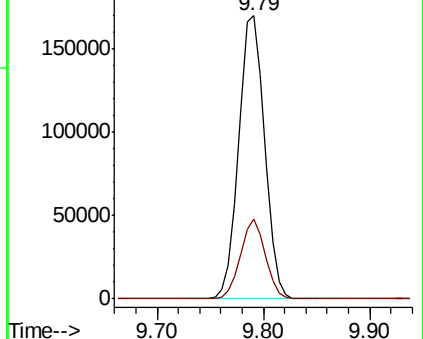
63 100

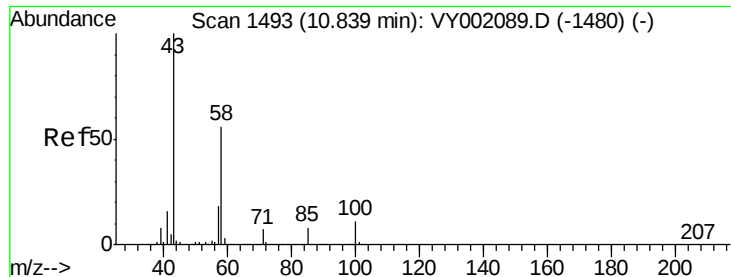
106 26.9 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 206.083 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

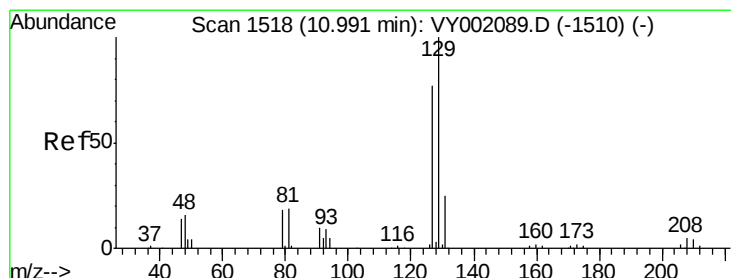
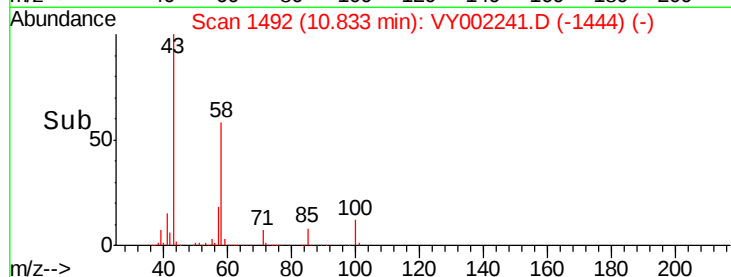
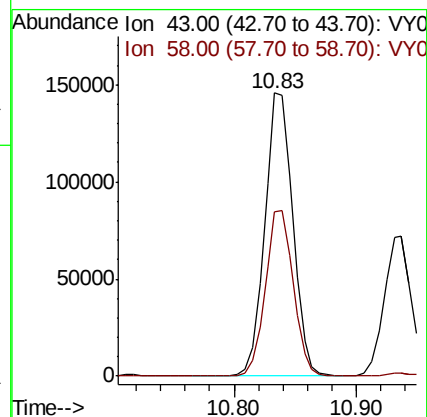
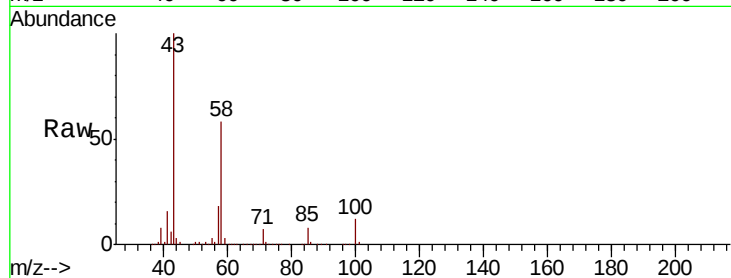
ClientSampleId :

Tot Ion: 43 Resp: 233105

Ion Ratio Lower Upper

43 100

58 58.4 27.9 83.6



#60

Dibromochloromethane

Concen: 45.824 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VY002241.D

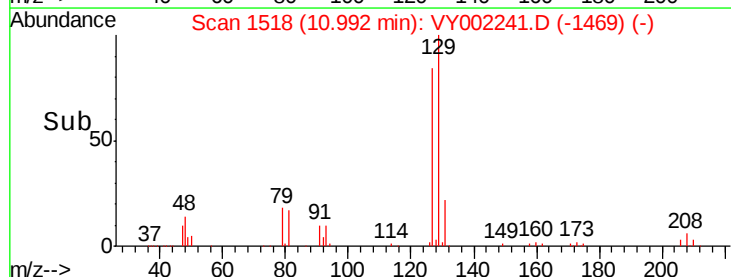
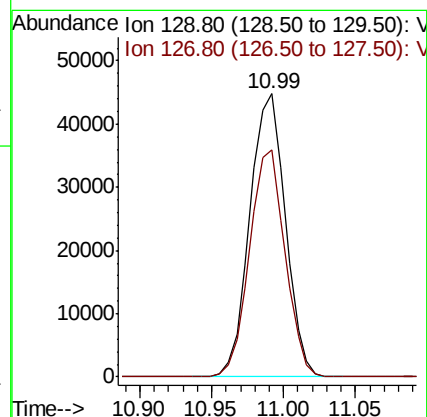
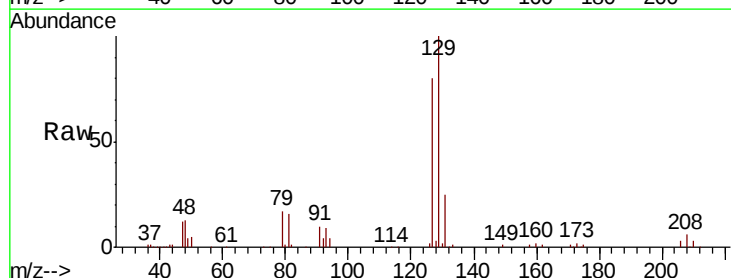
Acq: 06 Apr 2020 16:45

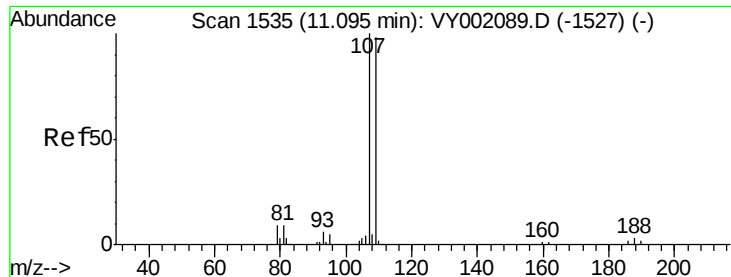
Tgt Ion: 129 Resp: 76429

Ion Ratio Lower Upper

129 100

127 79.8 38.7 116.1

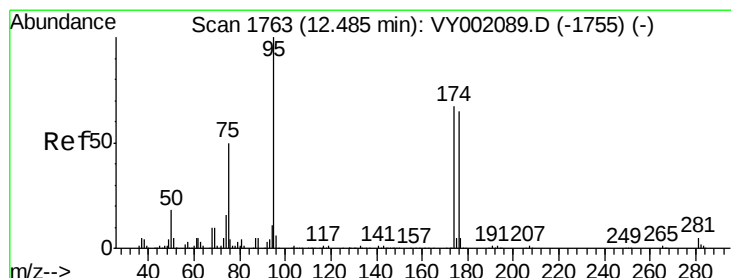
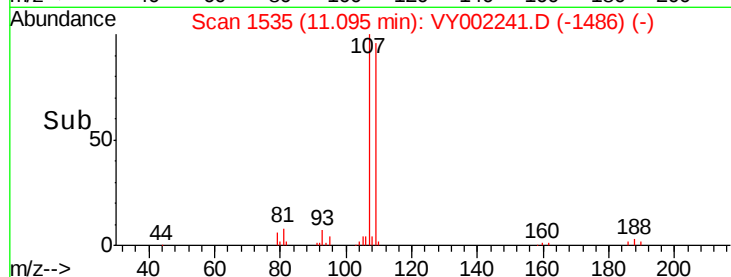
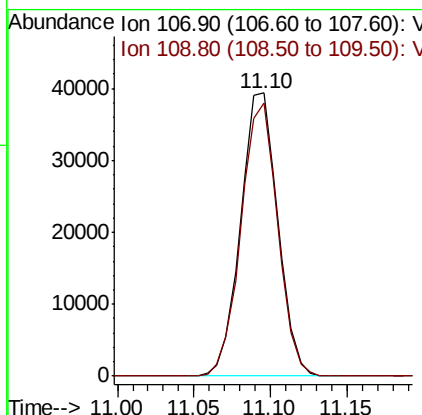
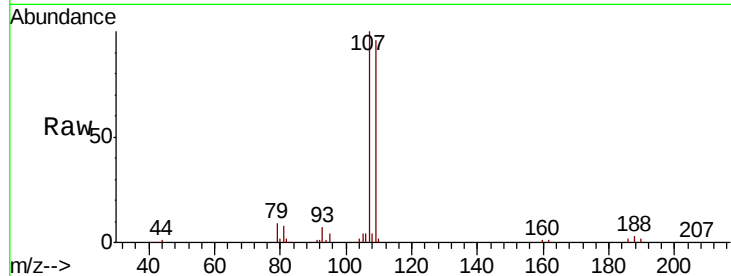




#61
 1,2-Dibromoethane
 Concen: 44.531 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

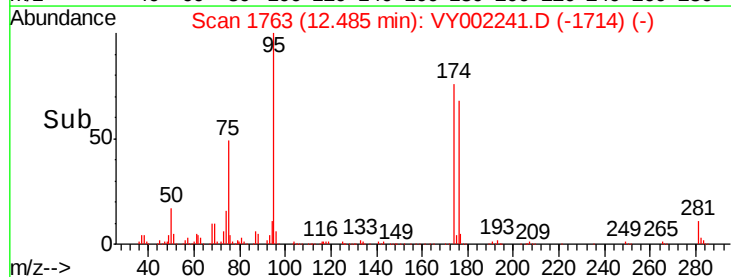
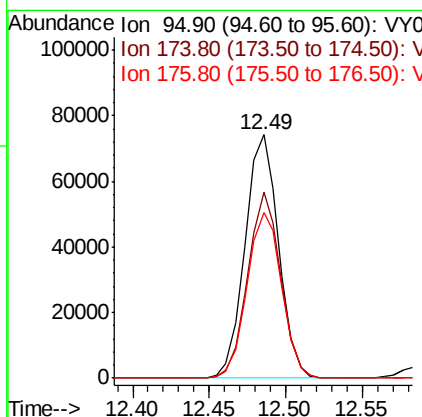
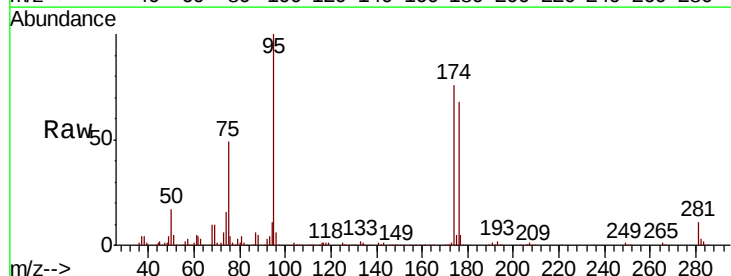
Instrument :
 MSVOA_Y
 ClientSampleId :

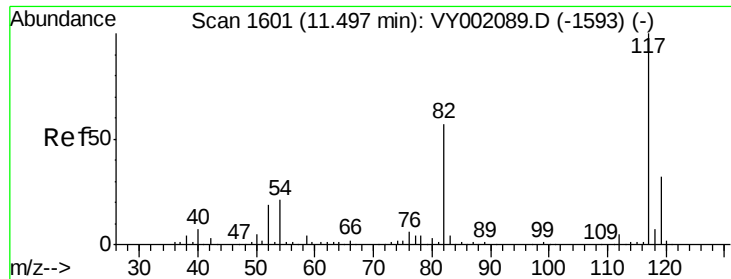
Tot Ion:107 Resp: 66434
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 47.075 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Tgt Ion: 95 Resp: 112647
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 143.4
 176 70.3 0.0 137.0

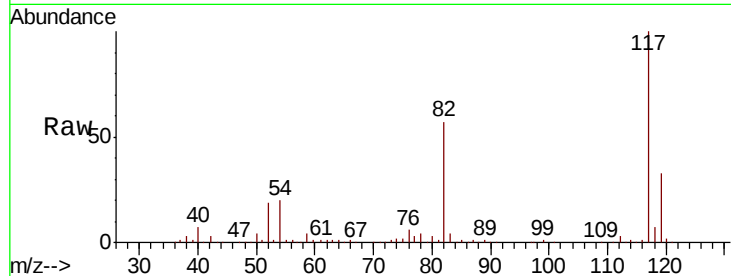




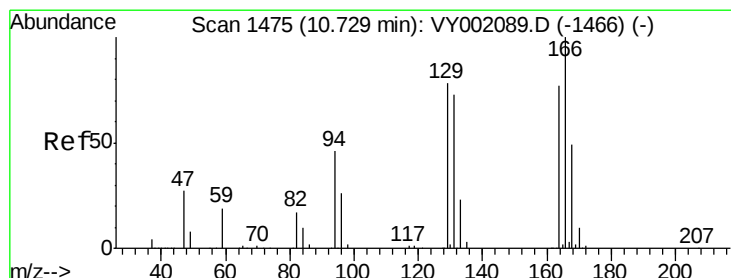
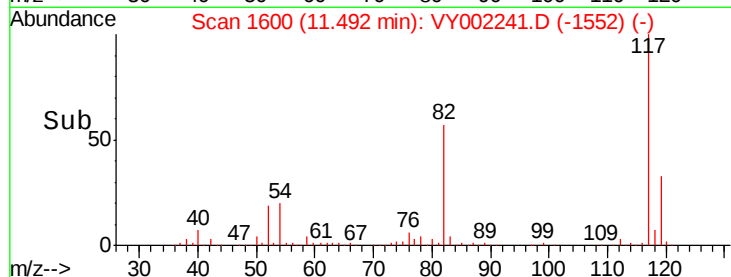
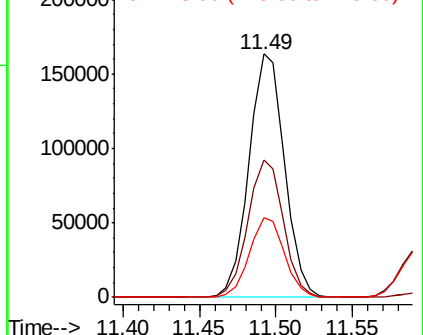
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 264878
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 33.0 25.3 37.9

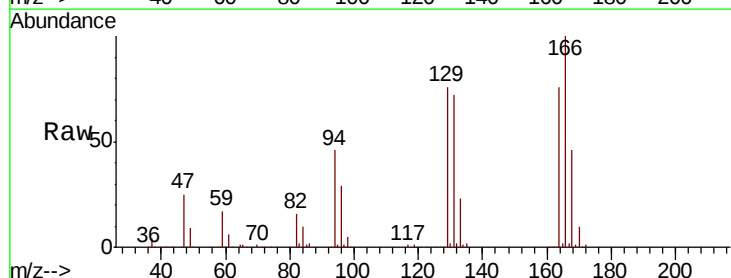


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

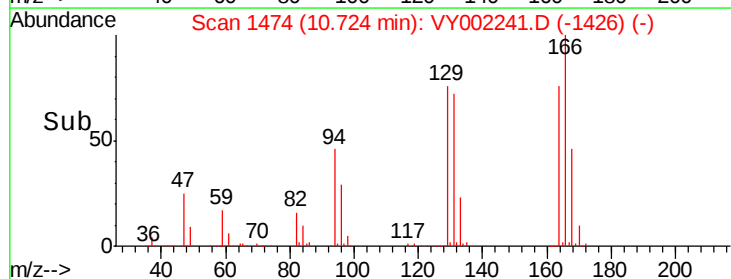
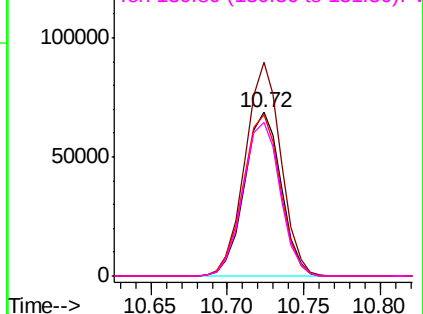


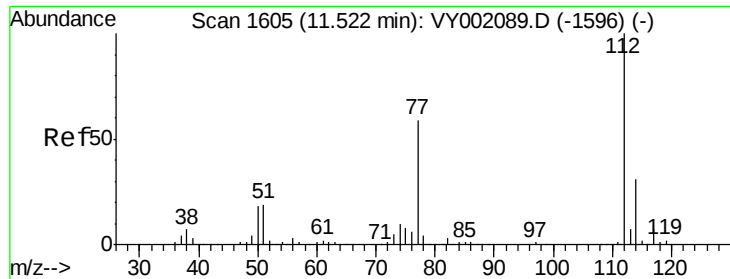
#64
Tetrachloroethene
Concen: 70.624 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion:164 Resp: 114452
Ion Ratio Lower Upper
164 100
166 130.8 104.0 156.0
129 99.1 81.2 121.8
131 94.2 75.8 113.6



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

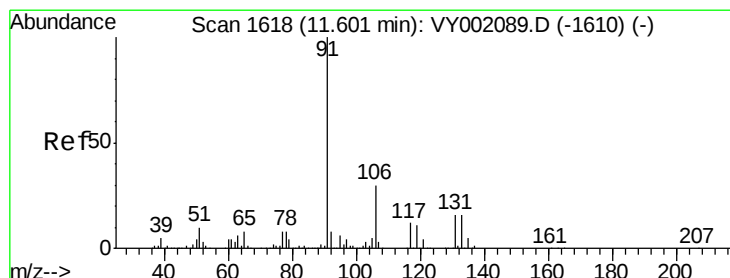
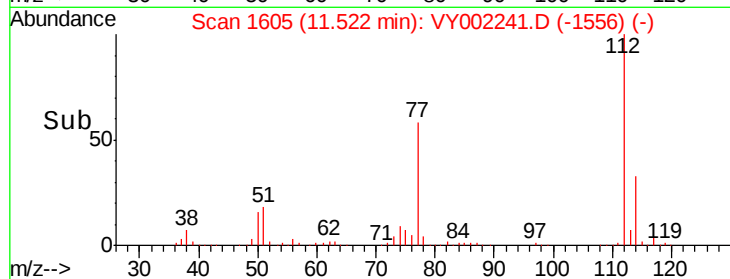
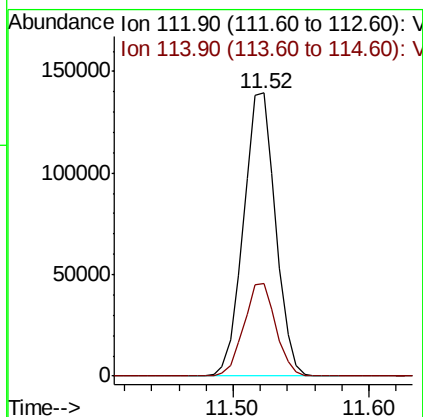
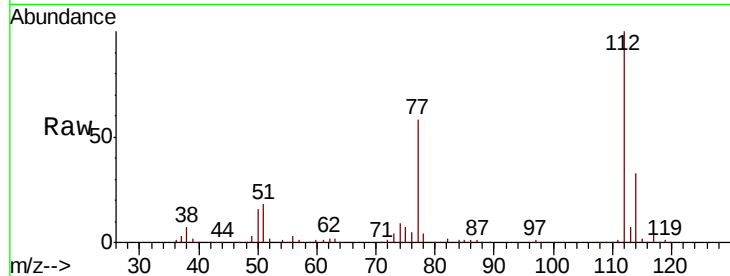




#65
Chlorobenzene
Concen: 44.976 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

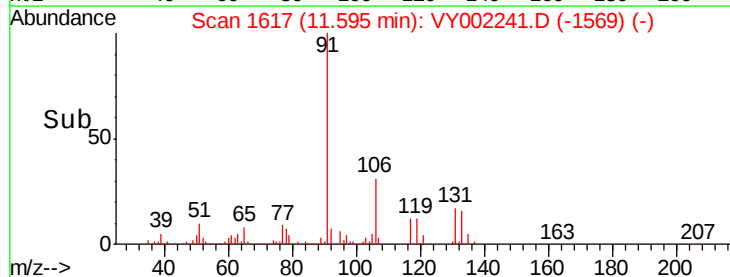
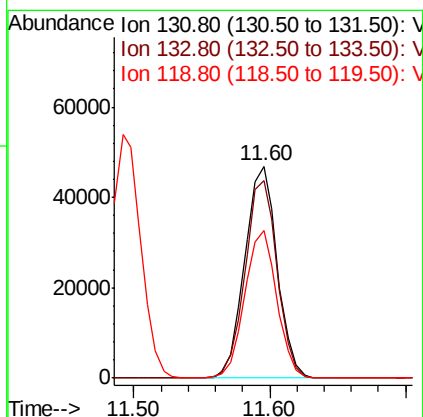
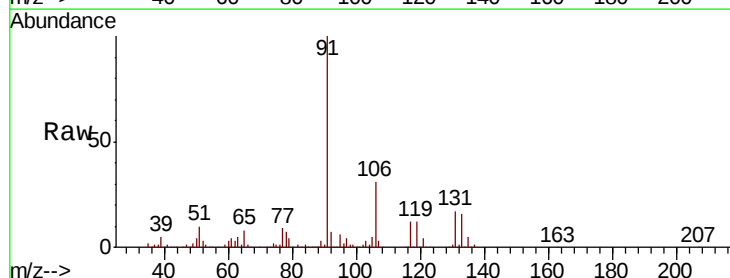
Instrument :
MSVOA_Y
ClientSampleId :

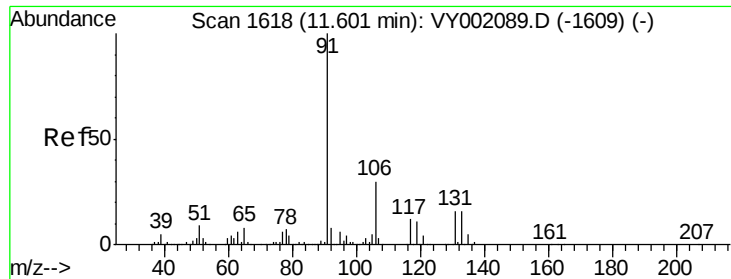
Tot Ion:112 Resp: 229960
Ion Ratio Lower Upper
112 100
114 32.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 45.653 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion:131 Resp: 78092
Ion Ratio Lower Upper
131 100
133 92.8 47.5 142.5
119 68.9 34.6 103.9

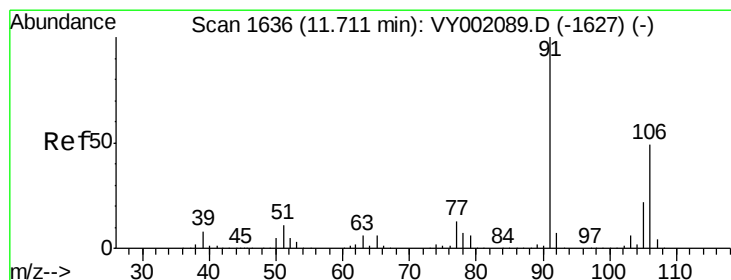
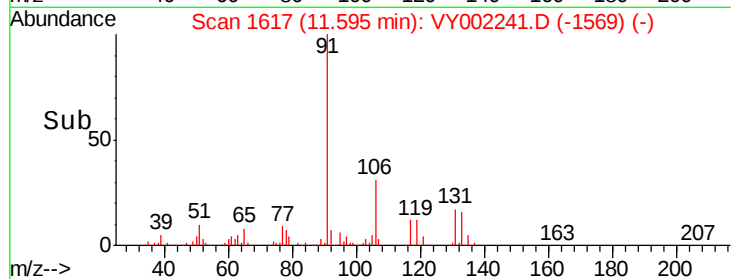
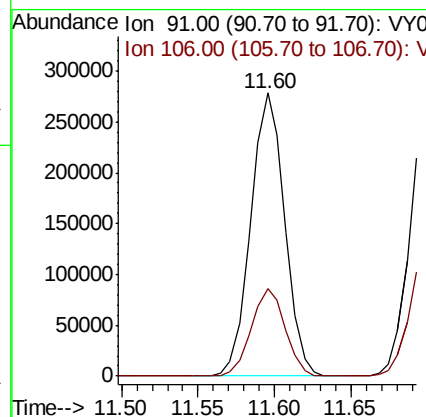
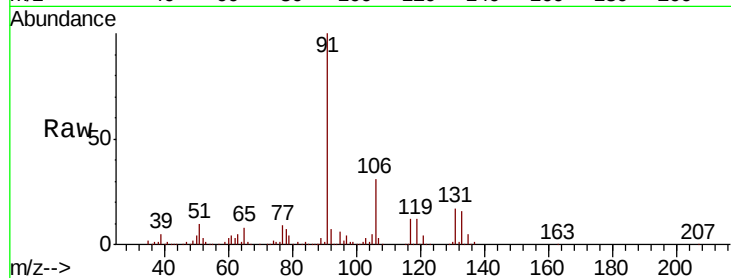




#67
Ethyl Benzene
Concen: 45.094 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

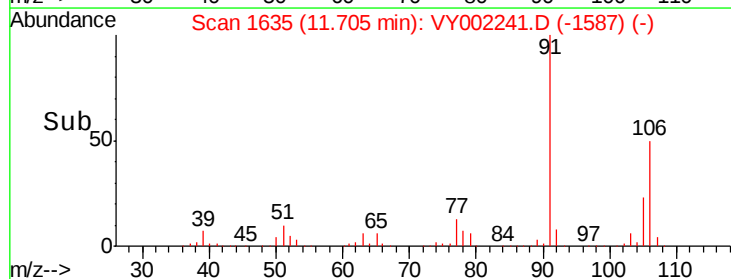
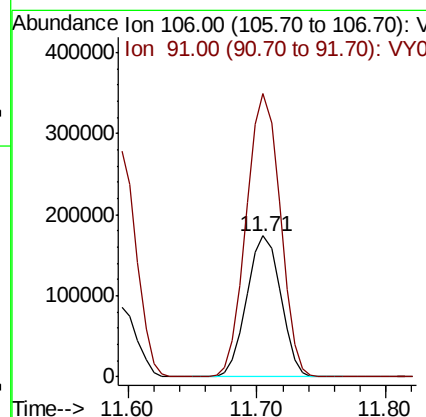
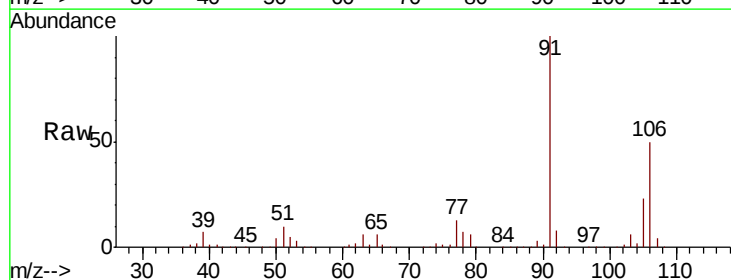
Instrument :
MSVOA_Y
ClientSampleId :

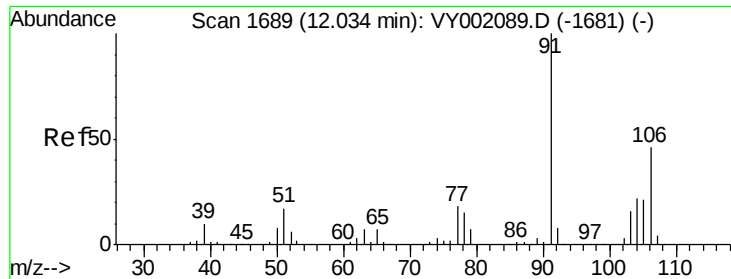
Tot Ion: 91 Resp: 428219
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1



#68
m/p-Xylenes
Concen: 90.229 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 106 Resp: 316803
Ion Ratio Lower Upper
106 100
91 200.8 162.8 244.2

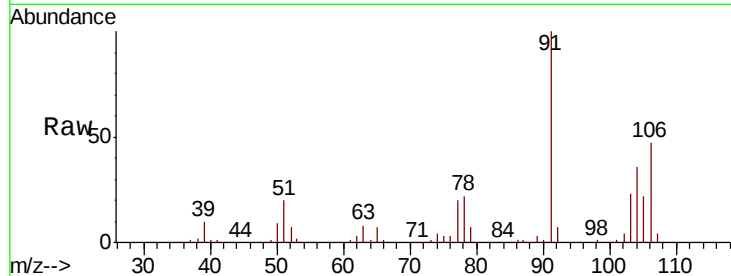




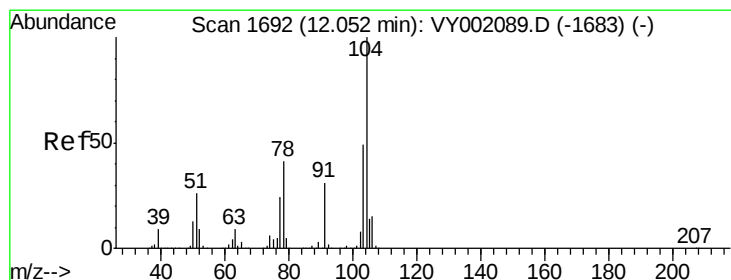
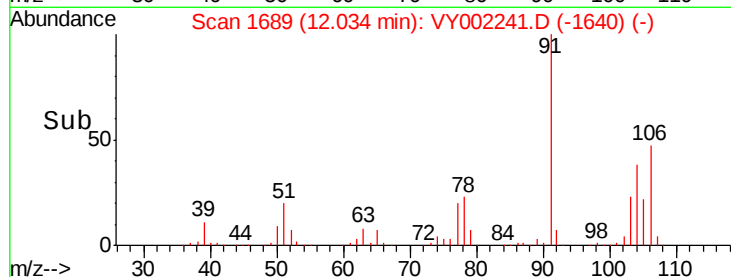
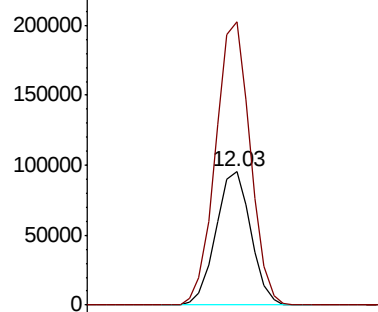
#69
o-Xylene
Concen: 45.424 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 151291
Ion Ratio Lower Upper
106 100
91 210.0 107.3 321.8

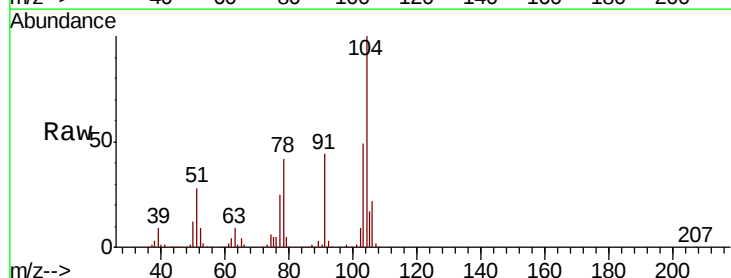


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

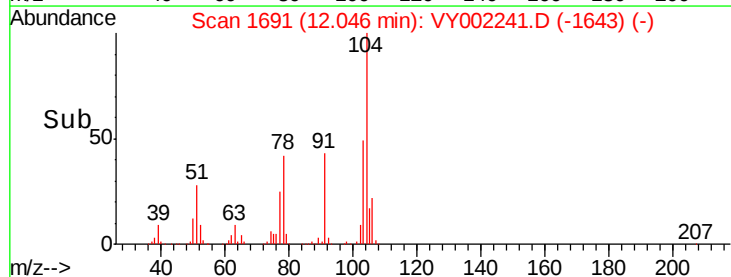
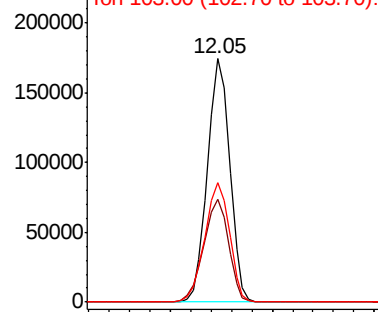


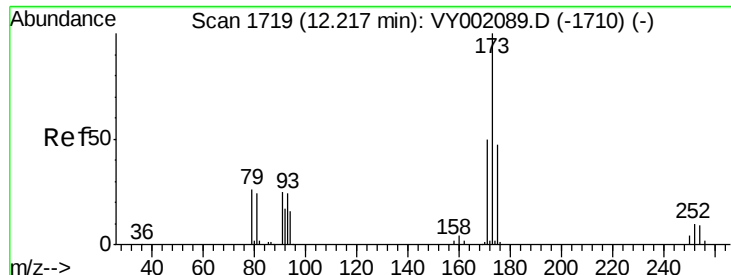
#70
Styrene
Concen: 45.747 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion:104 Resp: 264023
Ion Ratio Lower Upper
104 100
78 47.1 37.9 56.9
103 54.0 43.2 64.8



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





#71

Bromoform

Concen: 46.147 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

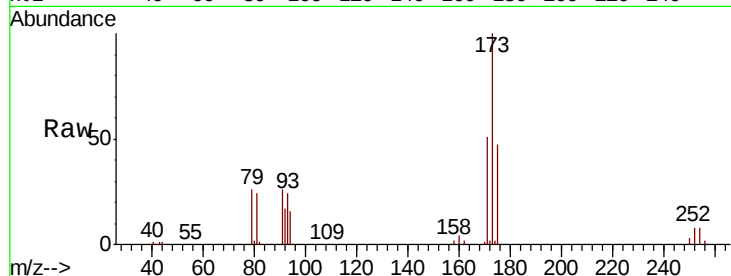
Tot Ion:173 Resp: 43234

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.8

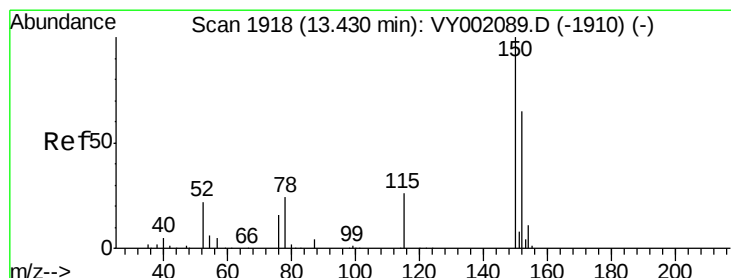
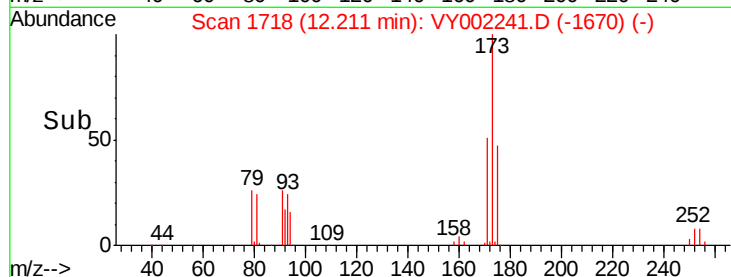
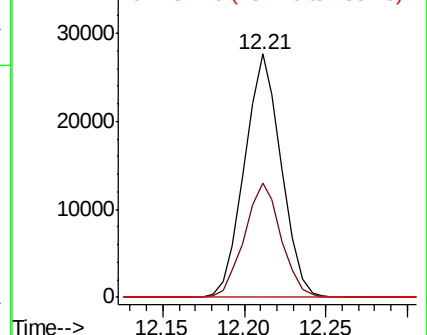
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

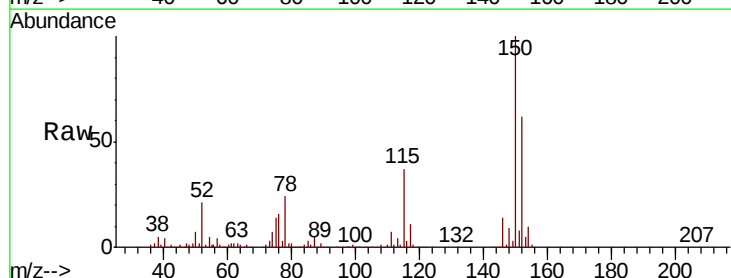
Tgt Ion:152 Resp: 121368

Ion Ratio Lower Upper

152 100

115 60.6 31.2 93.6

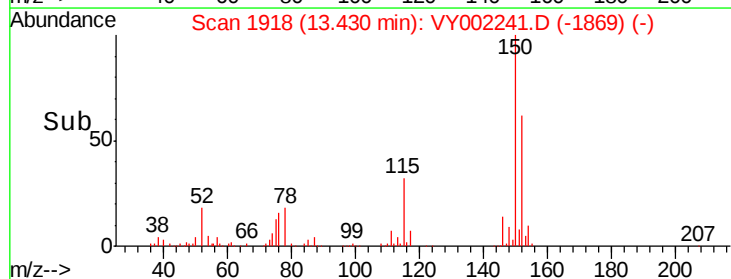
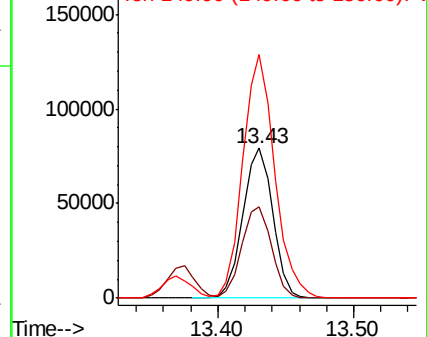
150 173.2 0.0 354.8

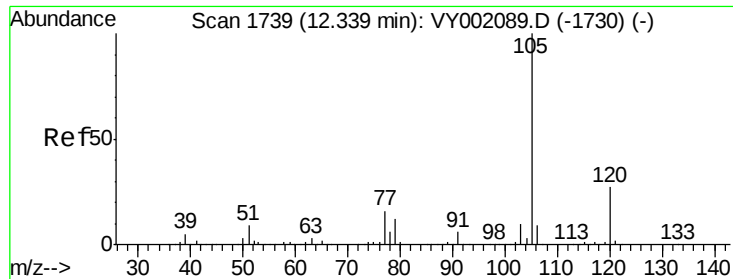


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.981 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

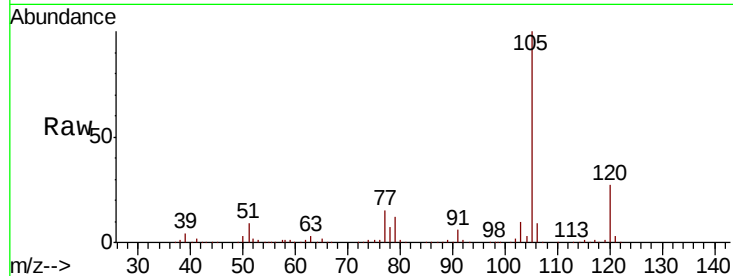
ClientSampleId :

Tot Ion:105 Resp: 404974

Ion Ratio Lower Upper

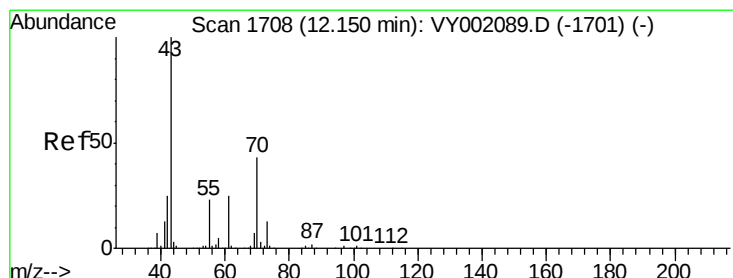
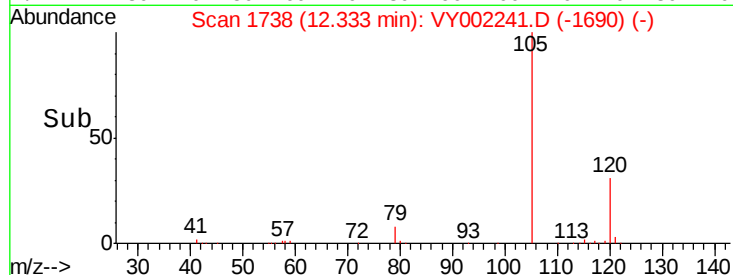
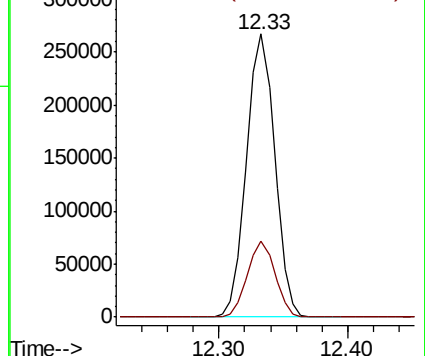
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.184 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Tgt Ion: 43 Resp: 116944

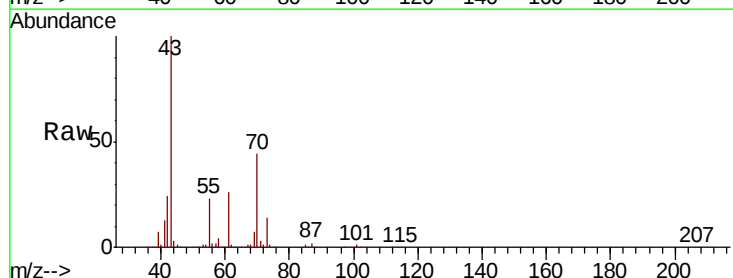
Ion Ratio Lower Upper

43 100

70 46.4 35.0 52.4

55 23.9 18.7 28.1

61 26.3 20.2 30.2

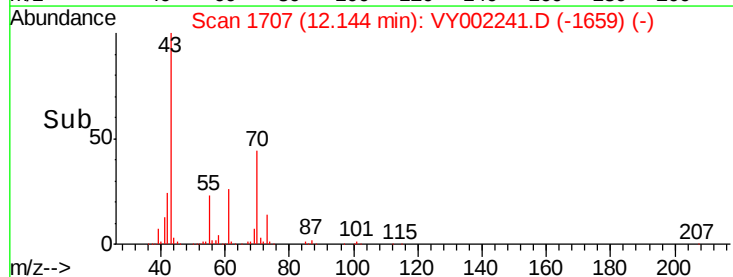
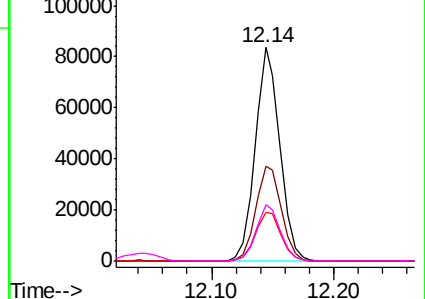


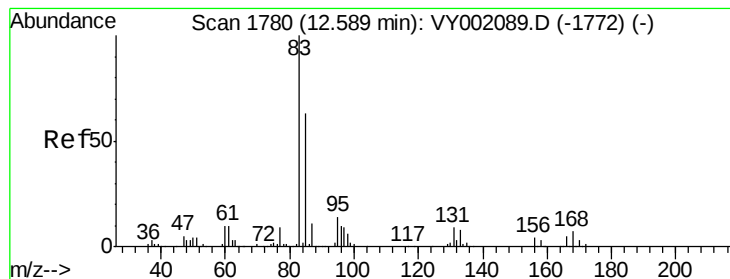
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.169 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

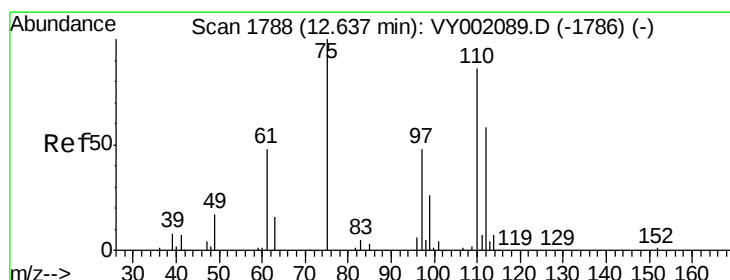
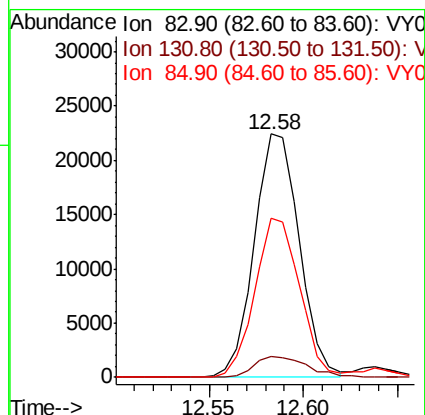
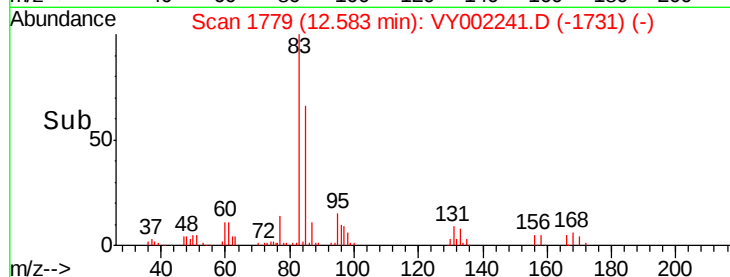
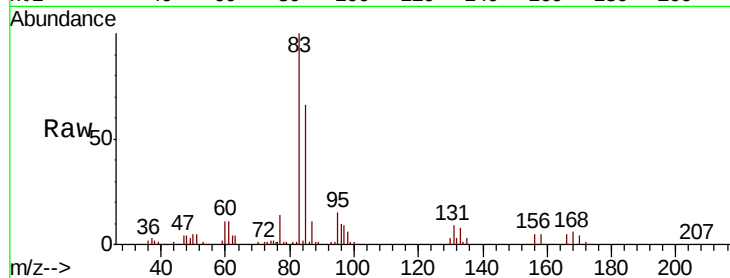
Tot Ion: 83 Resp: 37138

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

85 65.0 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 80.280 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002241.D

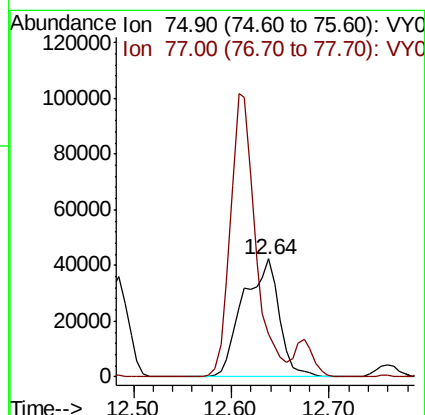
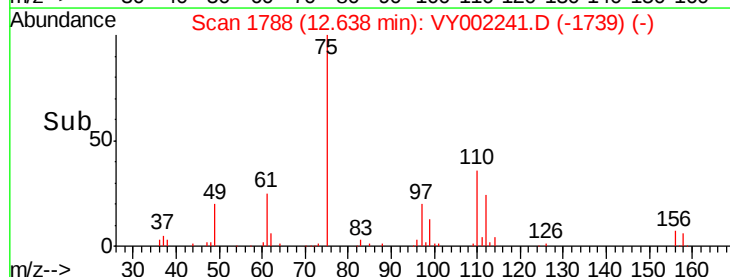
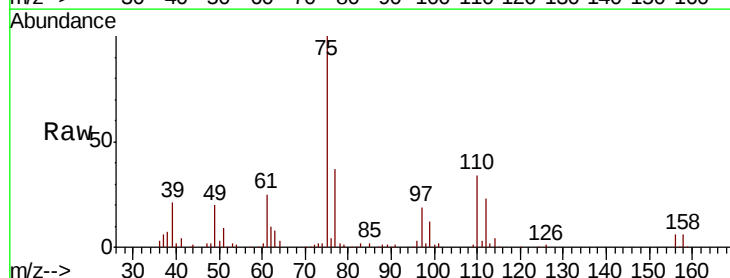
Acq: 06 Apr 2020 16:45

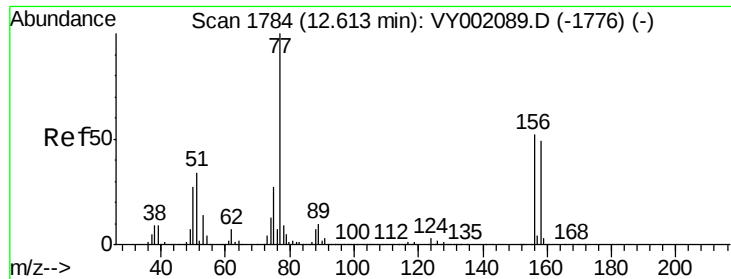
Tgt Ion: 75 Resp: 108989

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

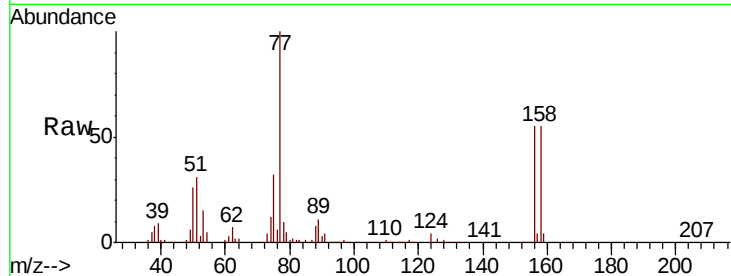




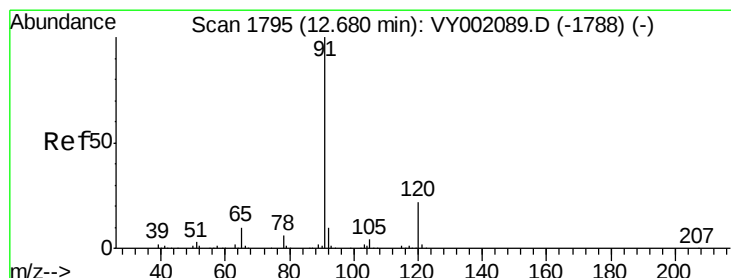
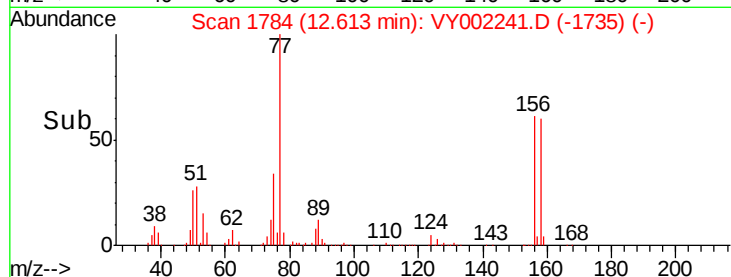
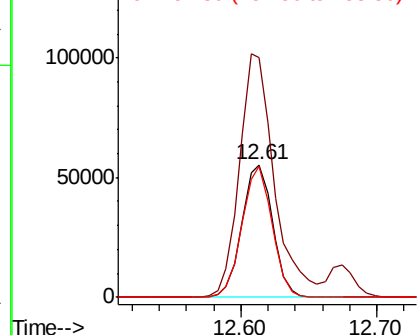
#77
Bromobenzene
Concen: 45.436 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:156 Resp: 87324
Ion Ratio Lower Upper
156 100
77 208.0 107.8 323.6
158 96.5 47.5 142.6

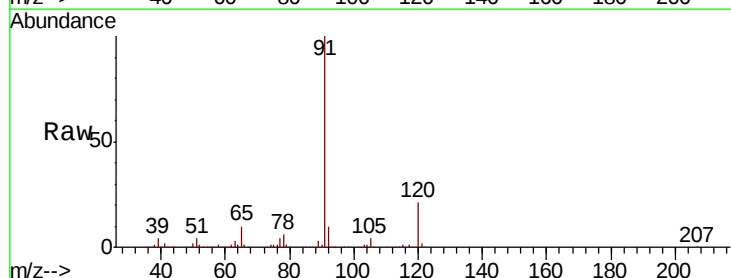


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

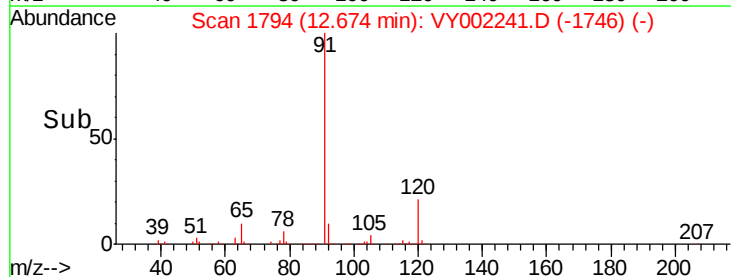
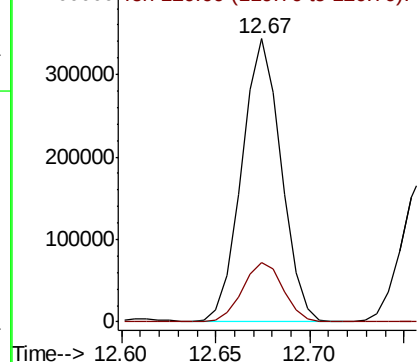


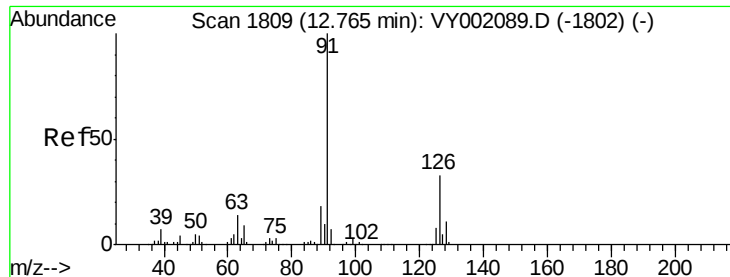
#78
n-propylbenzene
Concen: 44.618 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 91 Resp: 498501
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

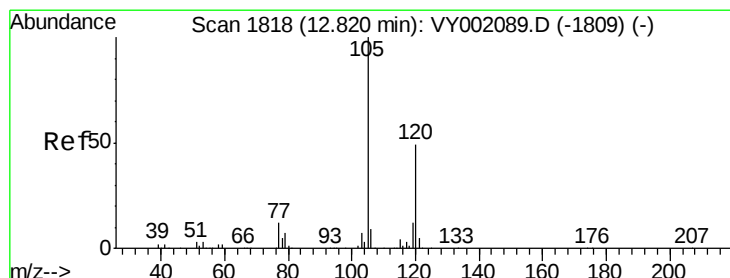
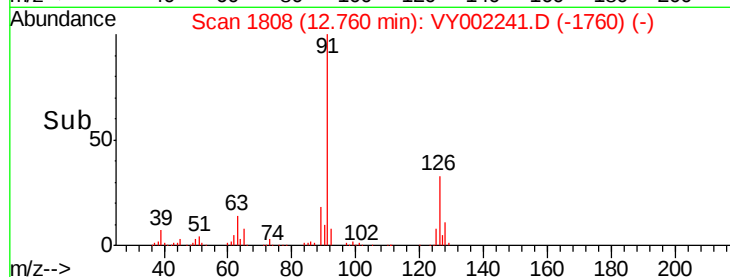
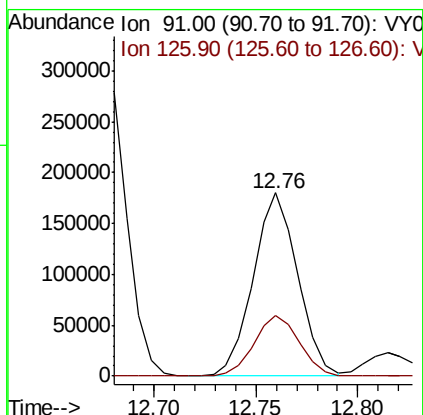
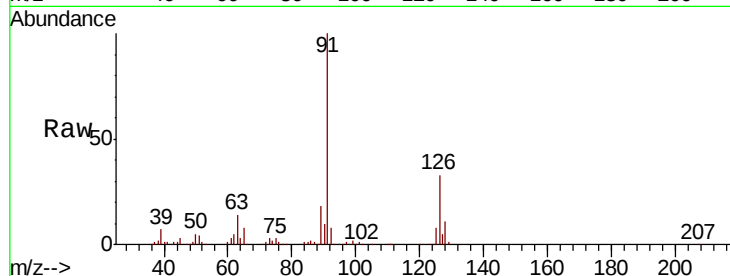




#79
 2-Chlorotoluene
 Concen: 44.528 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

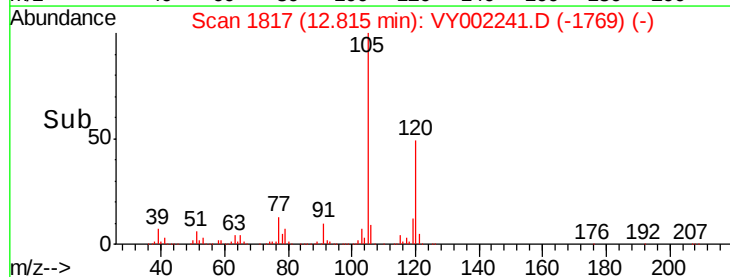
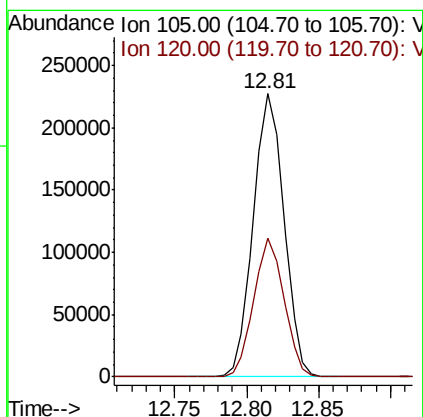
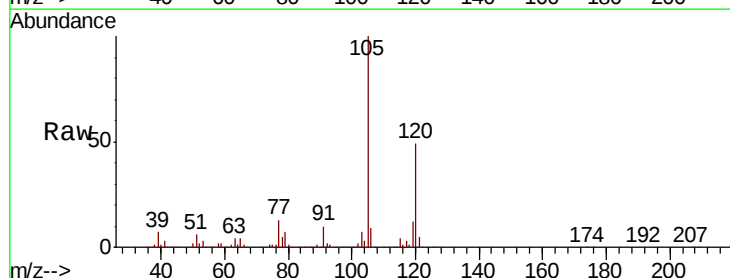
Instrument :
 MSVOA_Y
 ClientSampled :

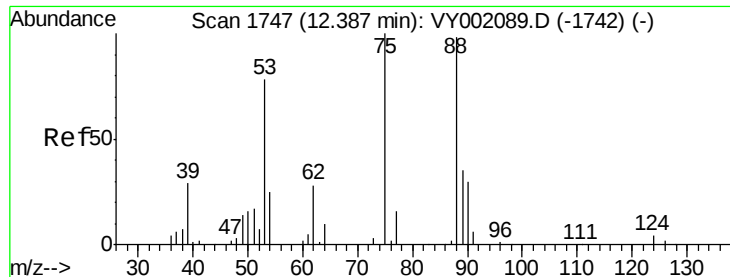
Tot Ion: 91 Resp: 273156
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 44.973 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Tgt Ion: 105 Resp: 334053
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.135 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

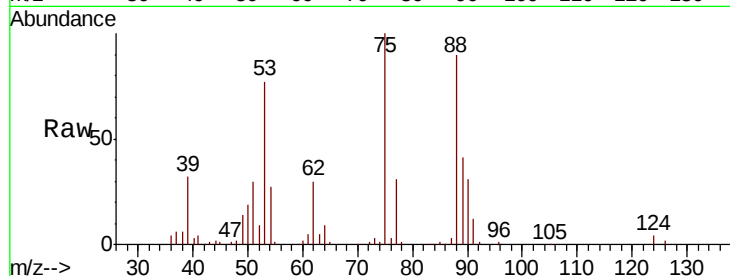
Tot Ion: 75 Resp: 30928

Ion Ratio Lower Upper

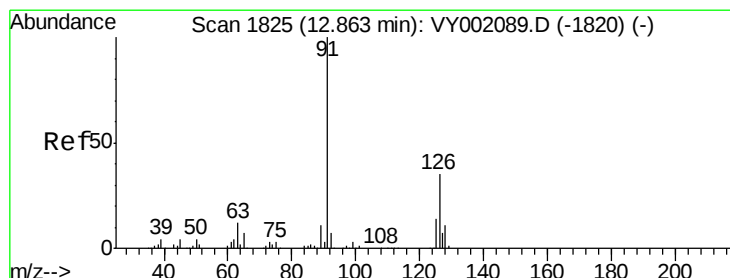
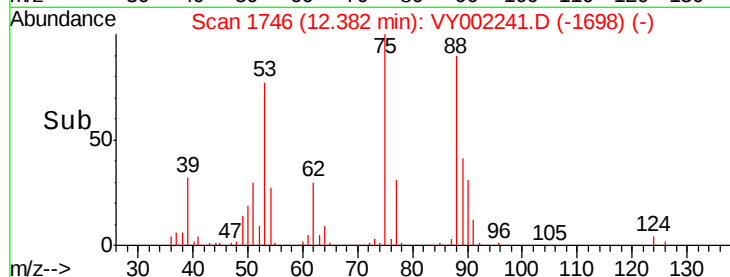
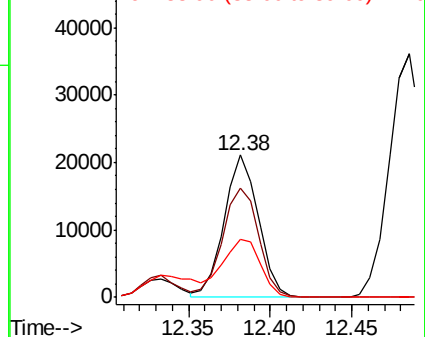
75 100

53 80.9 65.0 97.4

89 45.5 33.4 50.0



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



#82

4-Chlorotoluene

Concen: 43.611 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002241.D

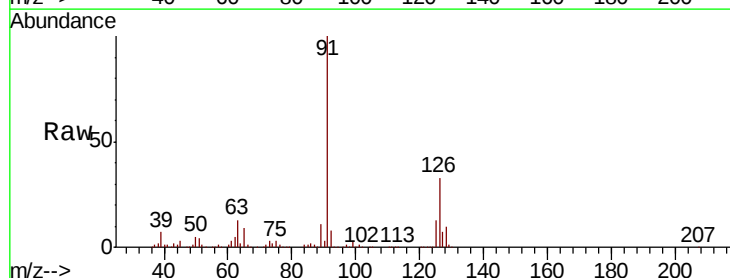
Acq: 06 Apr 2020 16:45

Tgt Ion: 91 Resp: 281911

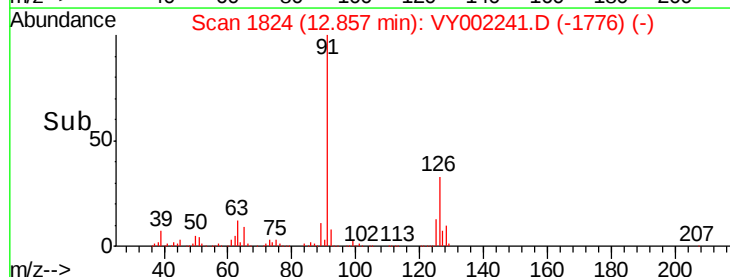
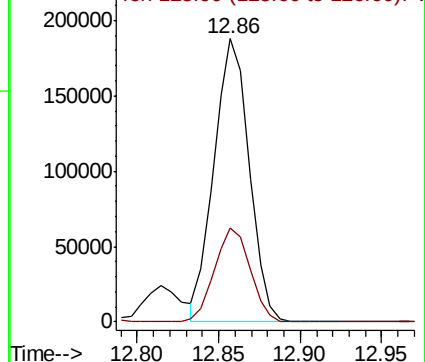
Ion Ratio Lower Upper

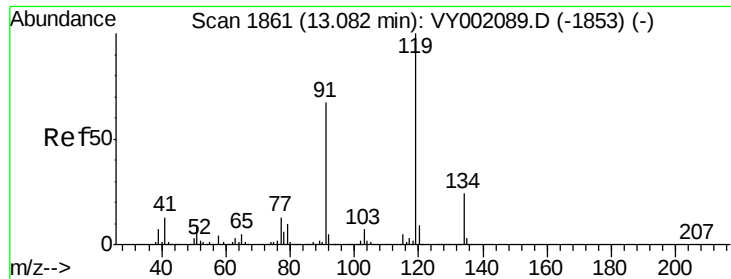
91 100

126 34.0 16.3 48.9



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

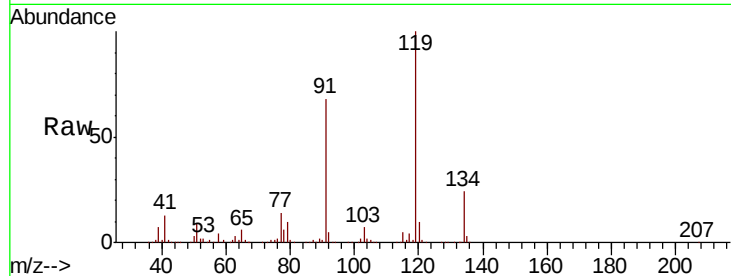




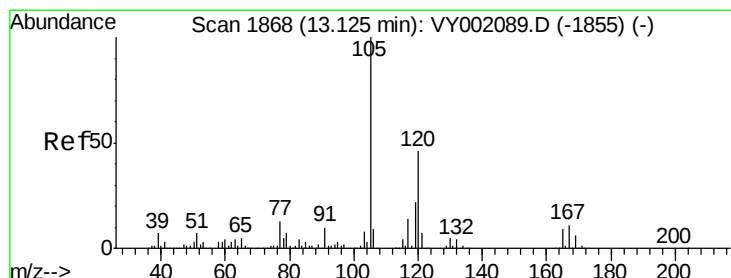
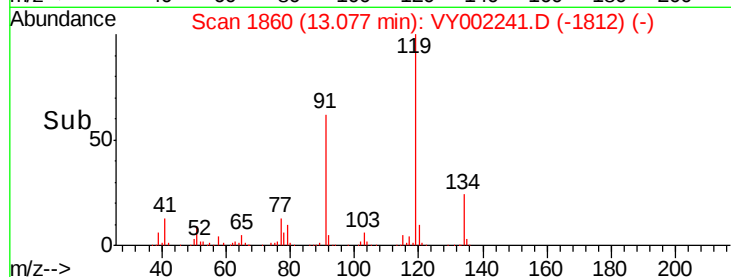
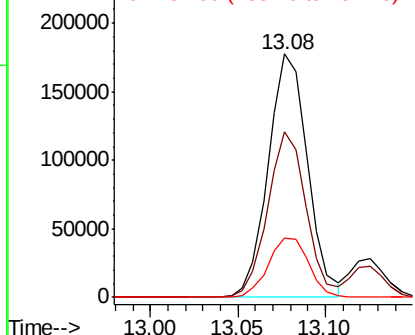
#83
tert-Butylbenzene
Concen: 45.034 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 279219
Ion Ratio Lower Upper
119 100
91 66.6 32.9 98.6
134 25.0 13.0 38.9

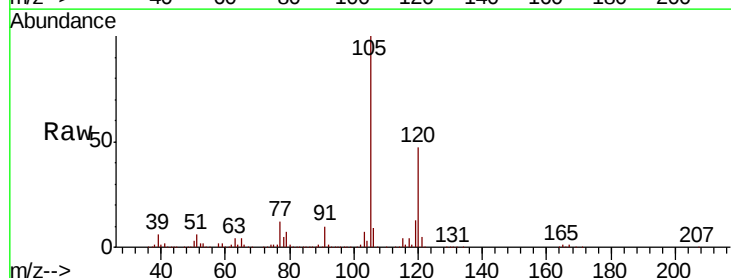


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

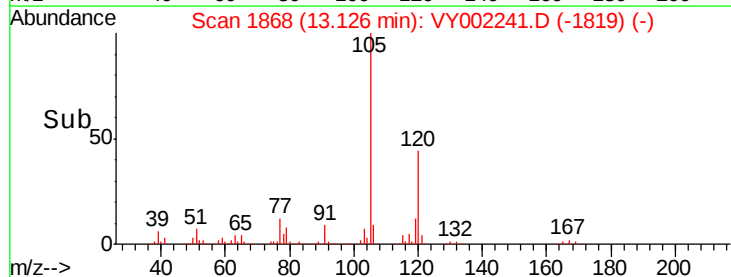
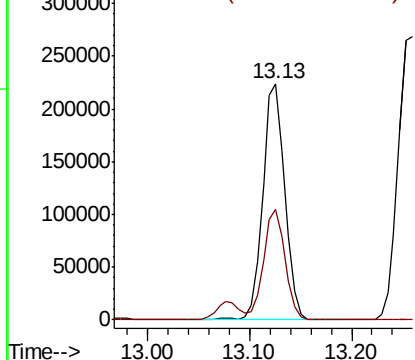


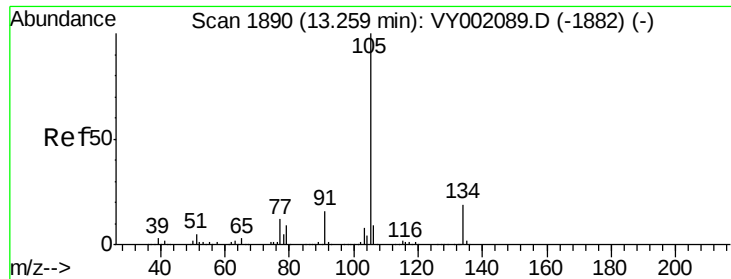
#84
1,2,4-Trimethylbenzene
Concen: 45.381 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion:105 Resp: 336322
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.5



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





#85

sec-Butylbenzene

Concen: 45.111 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

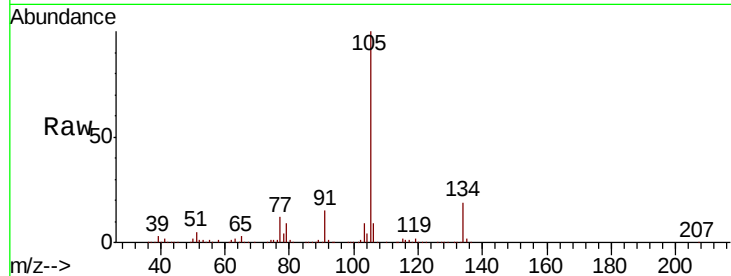
ClientSampleId :

Tot Ion:105 Resp: 414279

Ion Ratio Lower Upper

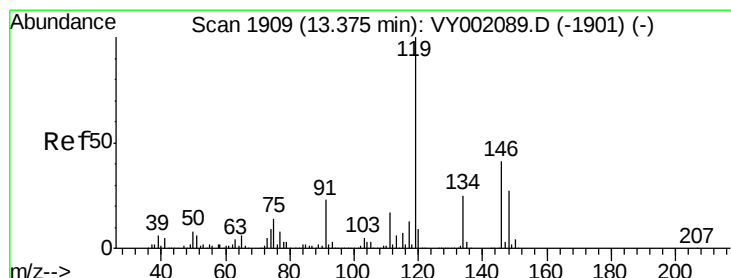
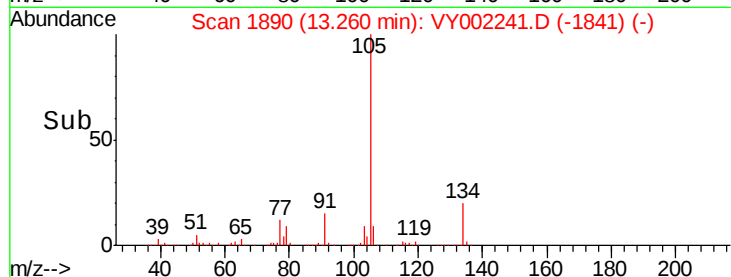
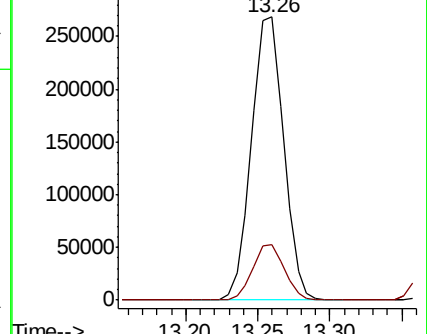
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.491 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

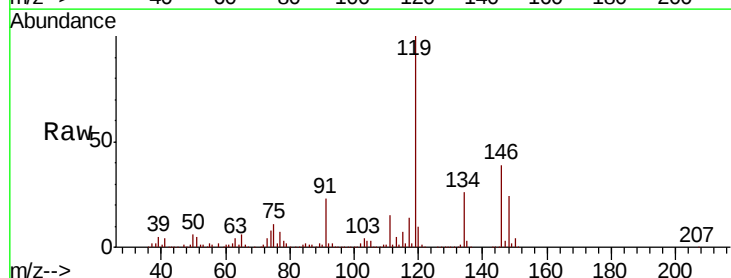
Tgt Ion:119 Resp: 358756

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

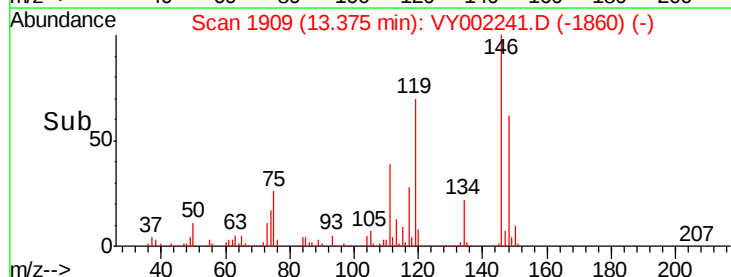
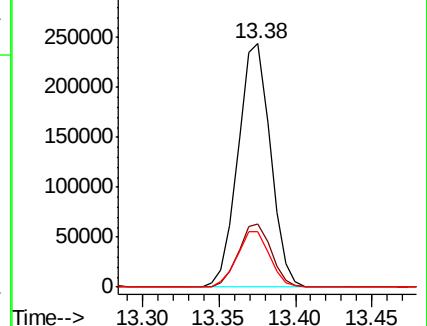
91 23.0 11.8 35.3

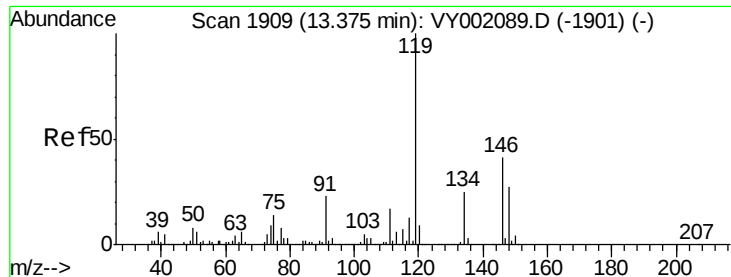


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 44.841 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002241.D

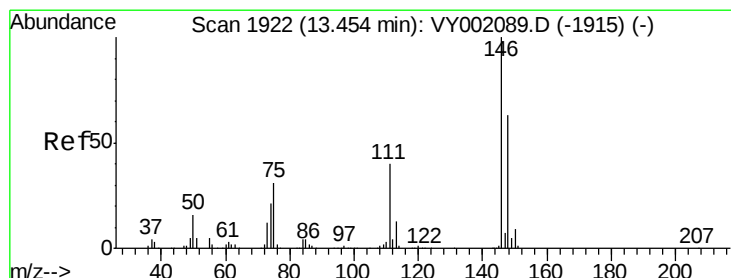
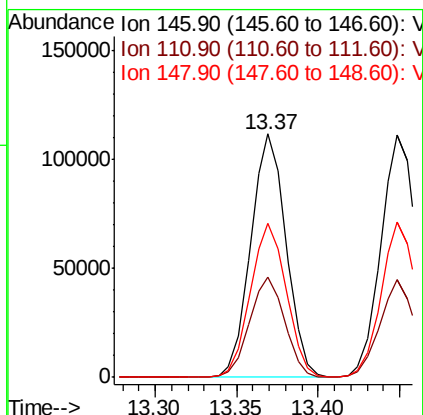
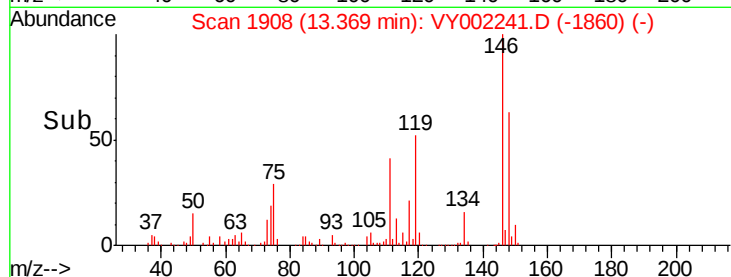
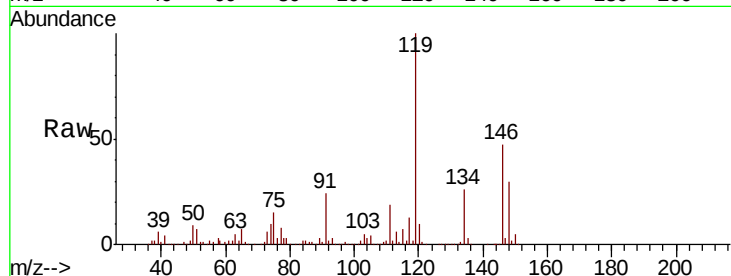
Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion:146	Resp:	168593
Ion Ratio	Lower	Upper
146	100	
111	40.9	20.9 62.8
148	64.1	32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 44.839 ug/l

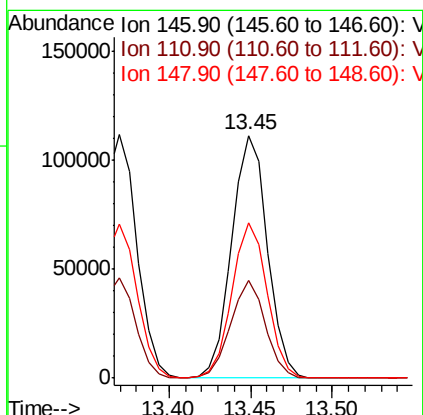
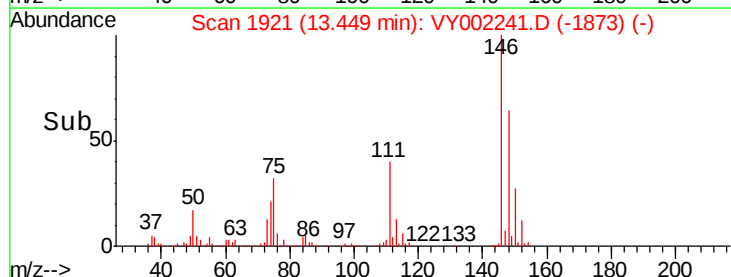
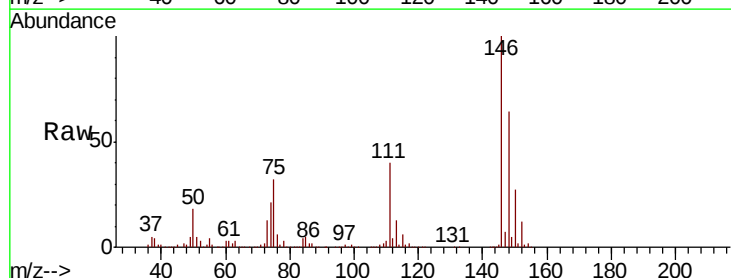
RT: 13.45 min Scan# 1921

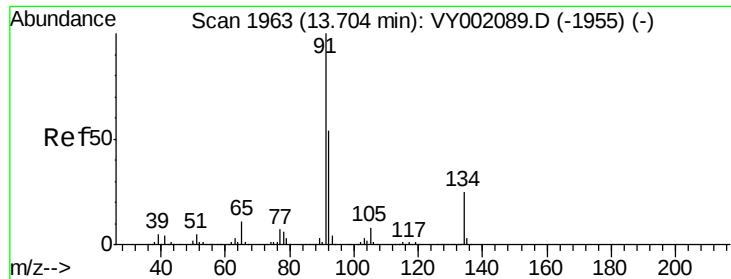
Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Tgt Ion:146	Resp:	169648
Ion Ratio	Lower	Upper
146	100	
111	39.5	20.3 60.9
148	63.2	31.5 94.5

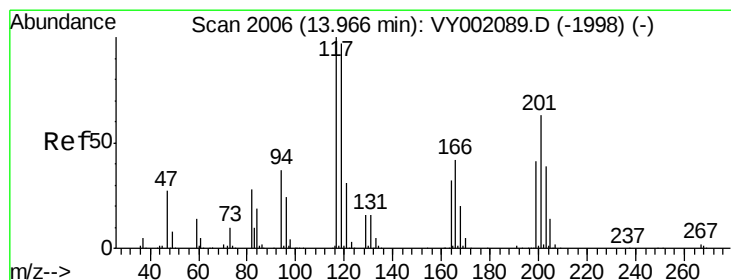
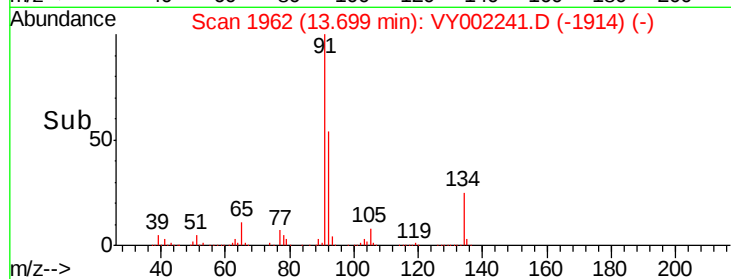
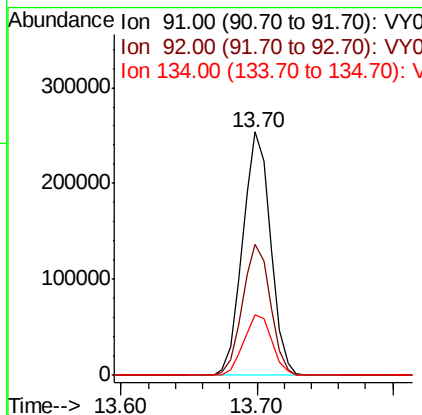
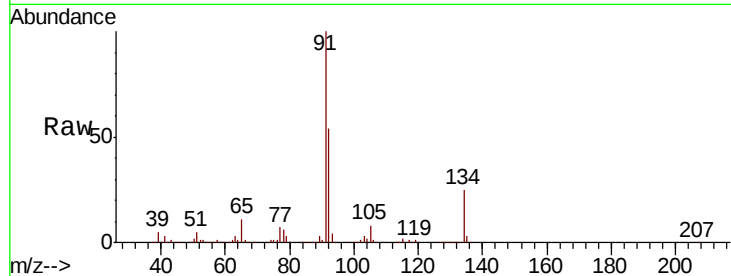




#89
n-Butylbenzene
Concen: 44.141 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

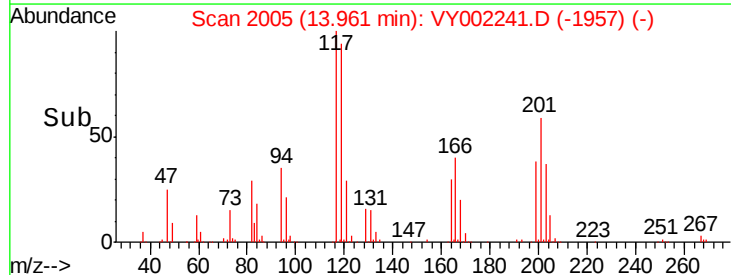
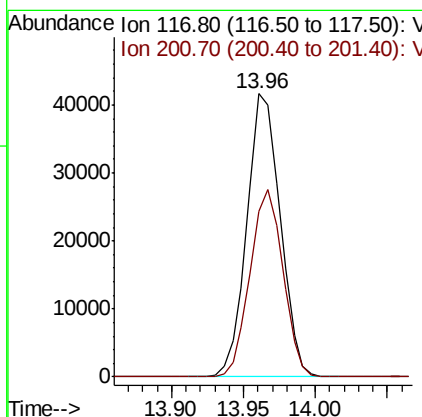
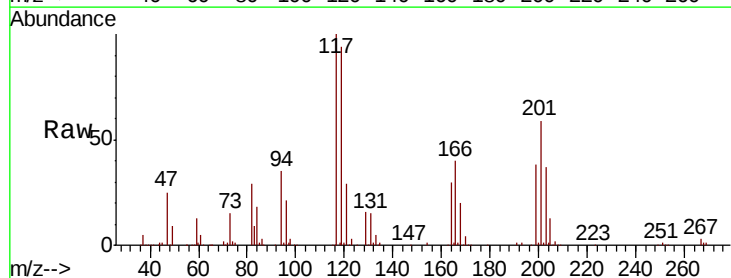
Instrument :
MSVOA_Y
ClientSampleId :

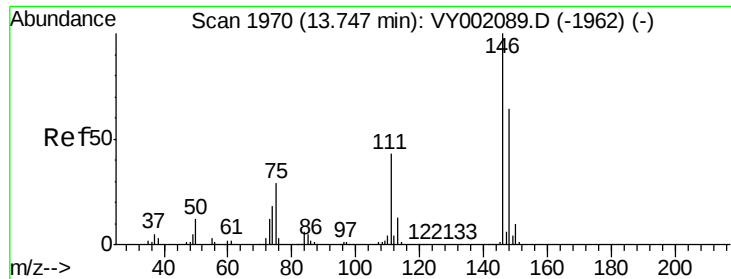
Tot Ion: 91 Resp: 362706
Ion Ratio Lower Upper
91 100
92 53.8 27.0 81.0
134 25.2 12.3 36.8



#90
Hexachloroethane
Concen: 44.878 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002241.D
Acq: 06 Apr 2020 16:45

Tgt Ion: 117 Resp: 66690
Ion Ratio Lower Upper
117 100
201 65.4 31.6 94.8





#91

1,2-Dichlorobenzene

Concen: 44.816 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

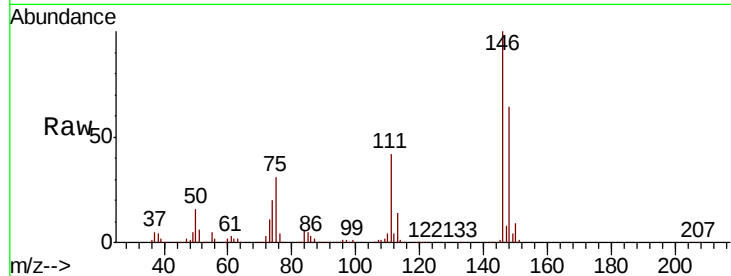
Tot Ion:146 Resp: 155608

Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

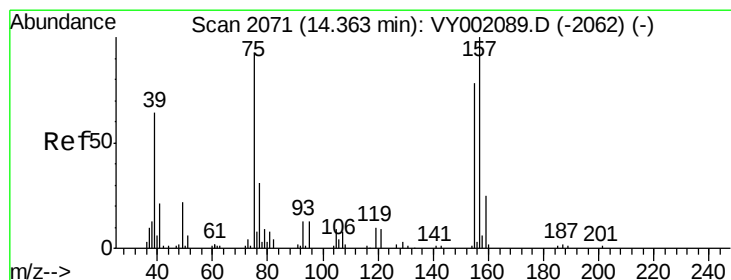
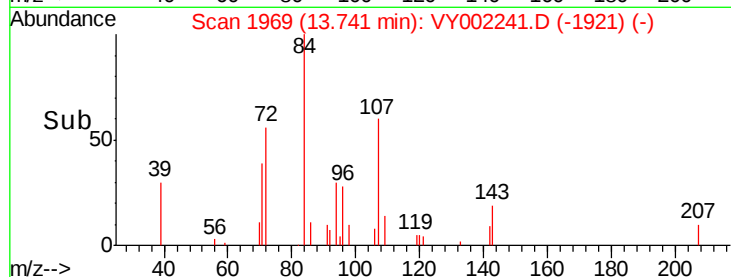
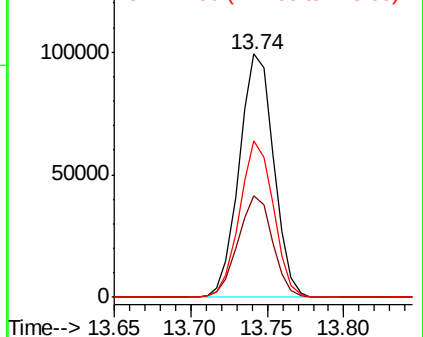
148 62.9 31.8 95.4



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: 36.754 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

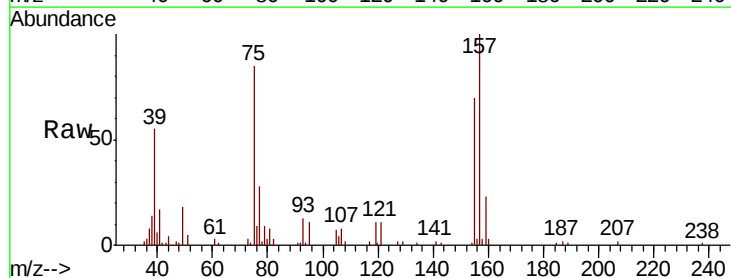
Tgt Ion: 75 Resp: 11406

Ion Ratio Lower Upper

75 100

155 84.7 41.6 124.9

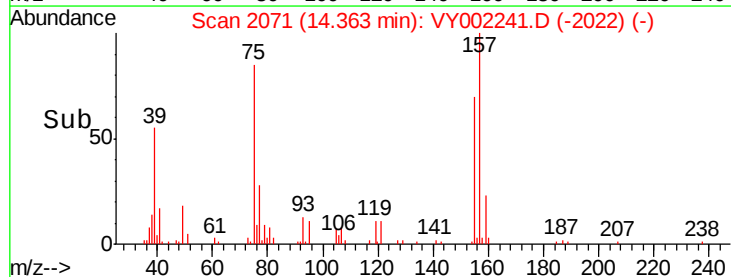
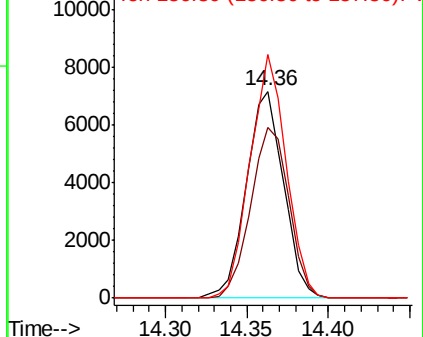
157 113.5 53.4 160.3

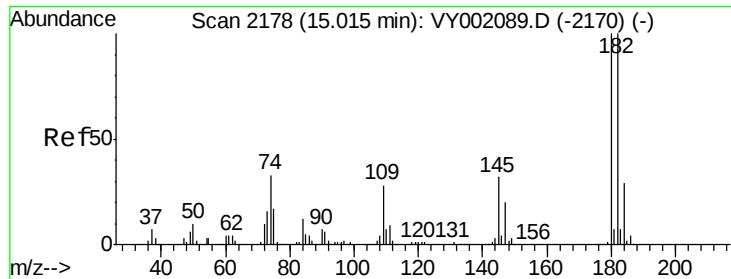


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

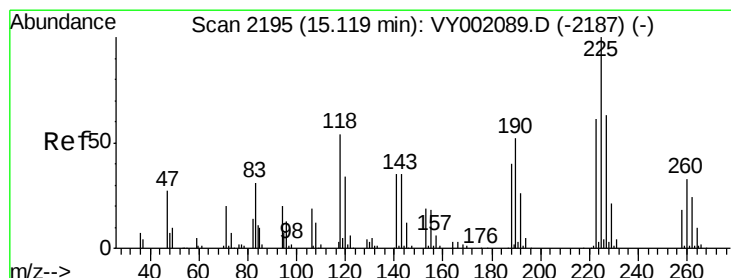
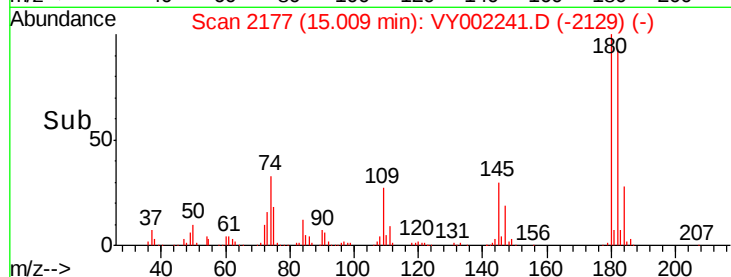
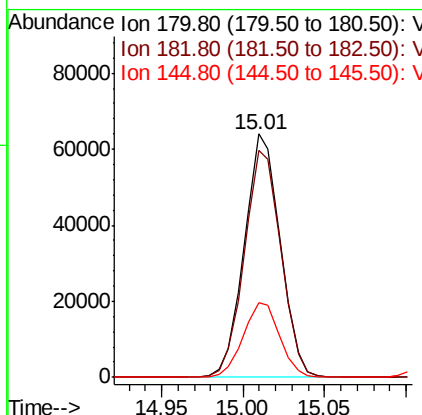
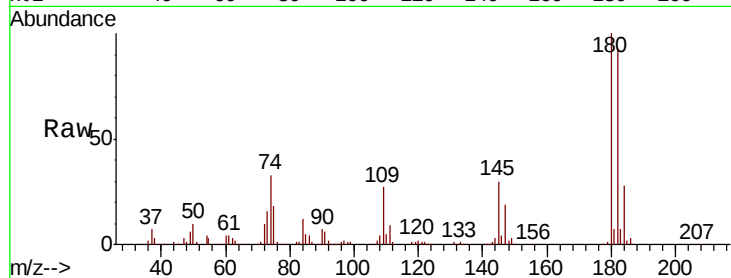




#93
 1,2,4-Trichlorobenzene
 Concen: 43.883 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

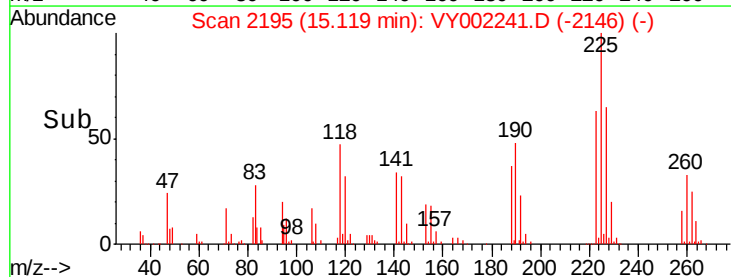
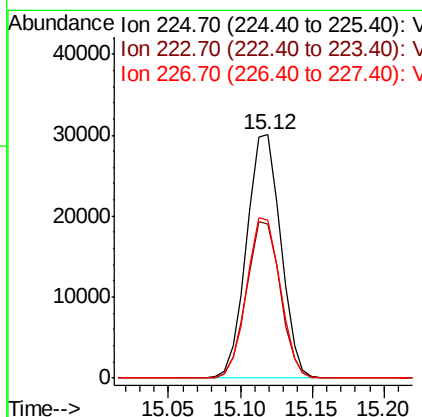
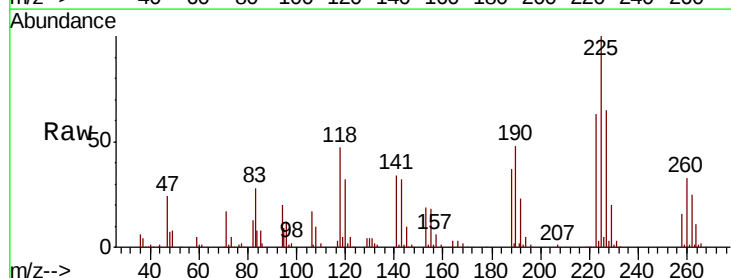
Instrument :
 MSVOA_Y
 ClientSampleId :

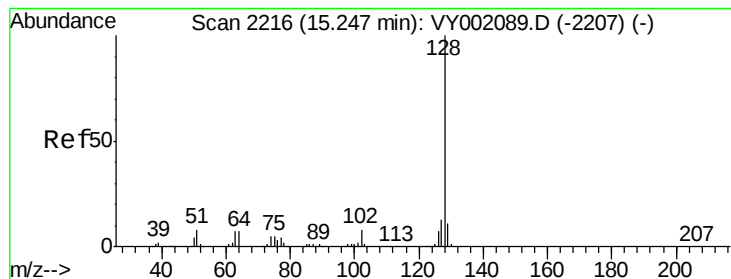
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.1	144.3
145	31.4	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 44.557 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002241.D
 Acq: 06 Apr 2020 16:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.3
227	64.8	31.6	94.7





#95

Naphthalene

Concen: 41.941 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

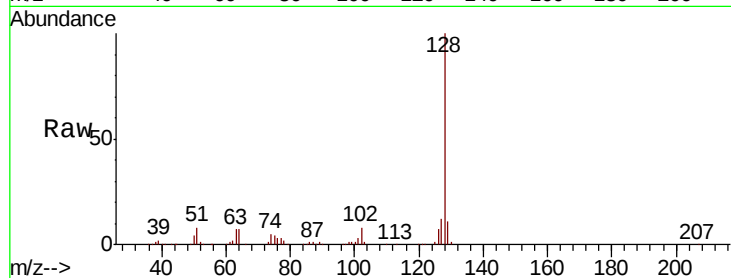
Tot Ion:128 Resp: 222934

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.8

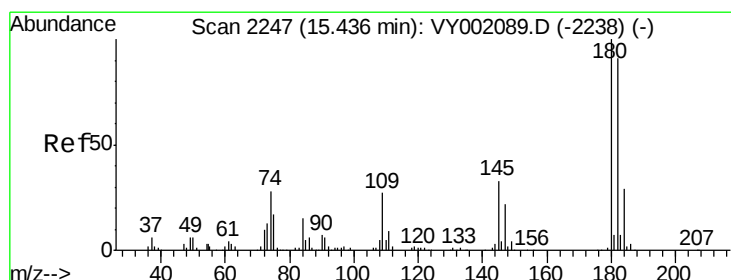
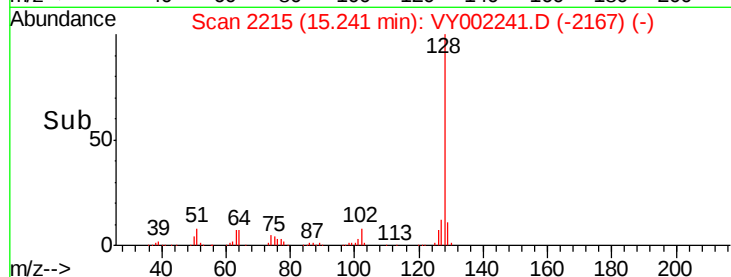
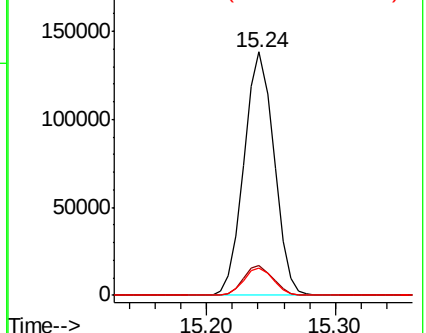
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 42.411 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002241.D

Acq: 06 Apr 2020 16:45

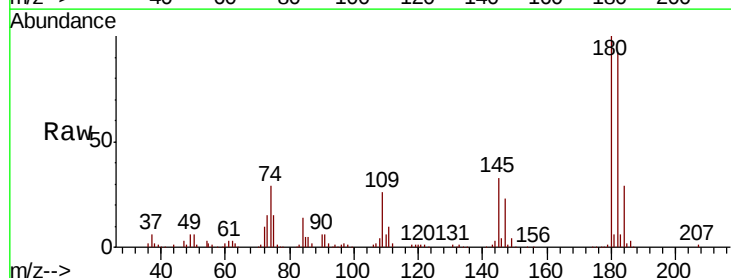
Tgt Ion:180 Resp: 86071

Ion Ratio Lower Upper

180 100

182 94.3 46.8 140.3

145 33.8 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

