

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002510.D
 Acq On : 30 Apr 2020 14:18
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 12:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	373644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	555461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	502958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	264153	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	16613	5.29	ug/l	0.00
Spiked Amount			Recovery	=	10.58%	
35) Dibromofluoromethane	7.74	113	16934	5.33	ug/l	0.00
Spiked Amount			Recovery	=	10.66%	
50) Toluene-d8	10.19	98	65338	5.27	ug/l	0.00
Spiked Amount			Recovery	=	10.54%	
62) 4-Bromofluorobenzene	12.48	95	22957	5.45	ug/l	0.00
Spiked Amount			Recovery	=	10.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	14118	4.975	ug/l	99
3) Chloromethane	2.12	50	15661	5.173	ug/l	98
4) Vinyl Chloride	2.26	62	17540	5.018	ug/l	95
5) Bromomethane	2.66	94	13021	5.402	ug/l	98
6) Chloroethane	2.80	64	10544	5.052	ug/l #	87
7) Trichlorofluoromethane	3.15	101	27078	4.998	ug/l	97
8) Diethyl Ether	3.55	74	8619	4.734	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	17198	5.194	ug/l	100
10) Methyl Iodide	4.11	142	19021	4.217	ug/l	98
11) Tert butyl alcohol	4.97	59	9414	29.125	ug/l #	91
12) 1,1-Dichloroethene	3.89	96	16655	5.178	ug/l	91
13) Acrolein	3.74	56	4836	21.637	ug/l	100
14) Allyl chloride	4.50	41	22598	4.822	ug/l	99
15) Acrylonitrile	5.19	53	20364	23.719	ug/l	100
16) Acetone	3.97	43	15596	24.054	ug/l	99
17) Carbon Disulfide	4.22	76	48484	5.010	ug/l	100
18) Methyl Acetate	4.50	43	11383	5.254	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	40150	4.784	ug/l	96
20) Methylene Chloride	4.74	84	21052	5.806	ug/l	92
21) trans-1,2-Dichloroethene	5.25	96	17742	5.047	ug/l	96
22) Diisopropyl ether	6.14	45	46520	4.906	ug/l	99
23) Vinyl Acetate	6.09	43	135431	22.710	ug/l	98
24) 1,1-Dichloroethane	6.05	63	27879	4.970	ug/l	99
25) 2-Butanone	7.01	43	25519	24.044	ug/l	100
26) 2,2-Dichloropropane	7.00	77	28976	5.434	ug/l	94
27) cis-1,2-Dichloroethene	7.02	96	19910	5.118	ug/l	98
28) Bromochloromethane	7.35	49	11455	4.984	ug/l	96
29) Tetrahydrofuran	7.37	42	16802	23.928	ug/l	98
30) Chloroform	7.53	83	29054	4.981	ug/l	98
31) Cyclohexane	7.80	56	32747	5.799	ug/l #	86
32) 1,1,1-Trichloroethane	7.72	97	26222	4.837	ug/l	98
36) 1,1-Dichloropropene	7.94	75	23978	5.149	ug/l	99
37) Ethyl Acetate	7.10	43	11560	4.831	ug/l	96
38) Carbon Tetrachloride	7.92	117	24909	4.900	ug/l	93

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 Data File : VY002510.D
 Acq On : 30 Apr 2020 14:18
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 12:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	31621	5.141	ug/l	95
40) Benzene	8.18	78	67765	5.039	ug/l	99
41) Methacrylonitrile	7.34	41	5653m	4.519	ug/l	
42) 1,2-Dichloroethane	8.26	62	18137	4.808	ug/l	99
43) Isopropyl Acetate	8.29	43	20353	4.537	ug/l	99
44) Trichloroethene	8.96	130	21373	5.085	ug/l	98
45) 1,2-Dichloropropane	9.23	63	16006	4.931	ug/l	95
46) Dibromomethane	9.31	93	8960	4.798	ug/l	98
47) Bromodichloromethane	9.51	83	21854	4.813	ug/l	92
48) Methyl methacrylate	9.30	41	8927	4.397	ug/l	96
49) 1,4-Dioxane	9.31	88	2287	92.491	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	53368	23.081	ug/l	99
52) Toluene	10.25	92	42851	4.958	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	22166	4.659	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	26803	4.873	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	13290	4.880	ug/l	98
56) Ethyl methacrylate	10.52	69	16441	4.538	ug/l	100
57) 1,3-Dichloropropane	10.80	76	22180	4.803	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.80	63	46059	24.108	ug/l	98
59) 2-Hexanone	10.84	43	35599	22.369	ug/l	100
60) Dibromochloromethane	10.99	129	16464	4.753	ug/l	99
61) 1,2-Dibromoethane	11.09	107	12844	4.763	ug/l	99
64) Tetrachloroethene	10.73	164	23037	5.155	ug/l	95
65) Chlorobenzene	11.52	112	48427	5.065	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	17287	4.871	ug/l	98
67) Ethyl Benzene	11.60	91	83678	4.982	ug/l	98
68) m/p-Xylenes	11.71	106	65592	10.094	ug/l	99
69) o-Xylene	12.03	106	30247	4.971	ug/l	99
70) Styrene	12.05	104	50255	4.831	ug/l	99
71) Bromoform	12.22	173	10053	4.564	ug/l #	94
73) Isopropylbenzene	12.34	105	83717	4.890	ug/l	100
74) N-amyl acetate	12.15	43	17784	4.318	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	12546	4.608	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	11319m	4.801	ug/l	
77) Bromobenzene	12.61	156	21341	4.990	ug/l	98
78) n-propylbenzene	12.68	91	98165	4.941	ug/l	100
79) 2-Chlorotoluene	12.76	91	54537	4.956	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	68725	4.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	5547	4.738	ug/l	93
82) 4-Chlorotoluene	12.86	91	58165	5.032	ug/l	99
83) tert-Butylbenzene	13.08	119	59959	4.819	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	68705	4.858	ug/l	99
85) sec-Butylbenzene	13.26	105	86012	4.982	ug/l	100
86) p-Isopropyltoluene	13.38	119	80272	4.962	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	41081	5.075	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	40569	5.061	ug/l	90
89) n-Butylbenzene	13.70	91	76509	5.195	ug/l	98
90) Hexachloroethane	13.97	117	14394	4.886	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	35936	4.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2381	4.691	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
Data File : VY002510.D
Acq On : 30 Apr 2020 14:18
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 04 12:20:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:07:53 2020
Response via : Initial Calibration

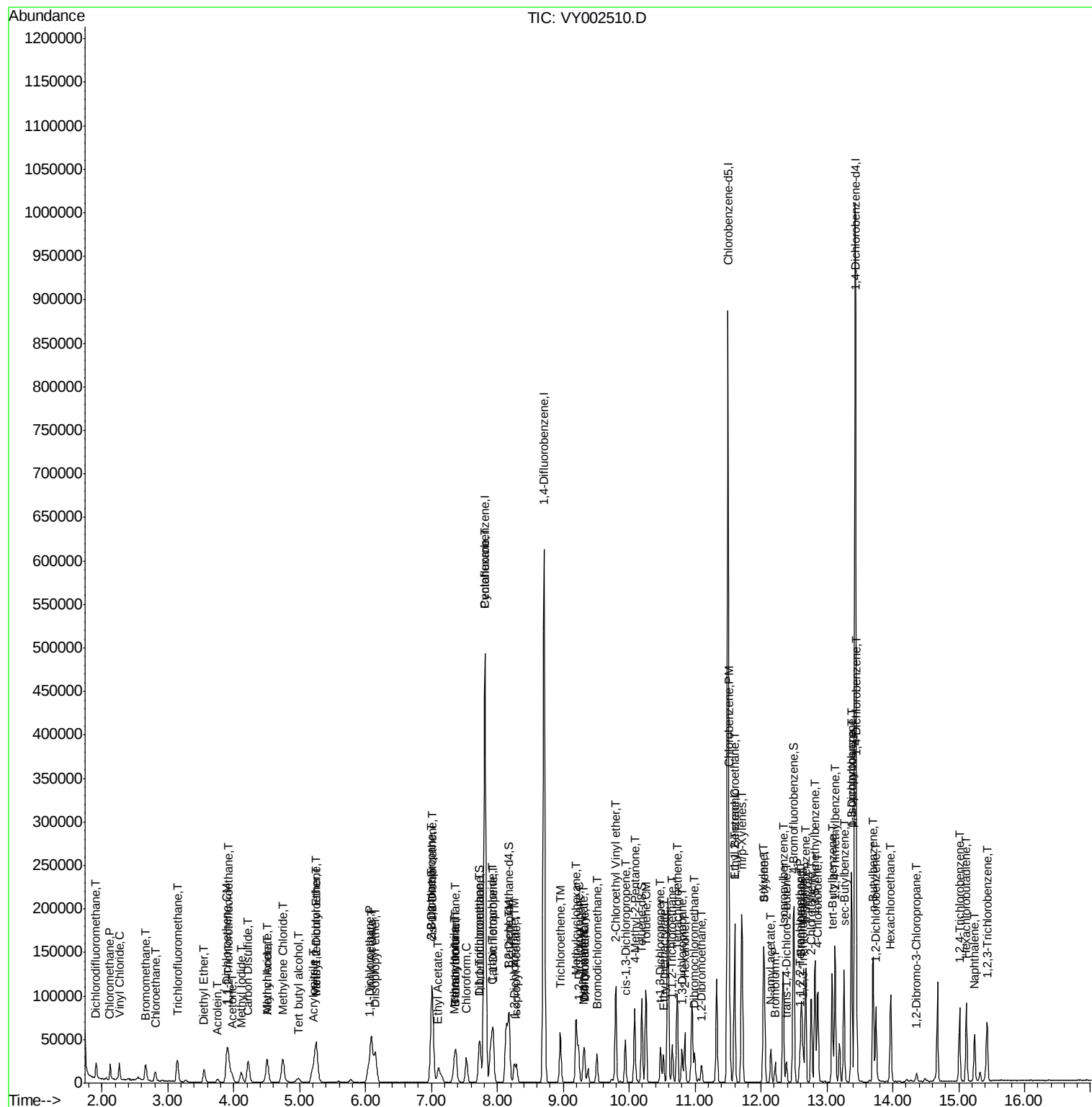
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	27508	5.245	ug/l	99
94) Hexachlorobutadiene	15.12	225	16770	5.327	ug/l	98
95) Naphthalene	15.24	128	44834	4.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	22532	5.061	ug/l	100

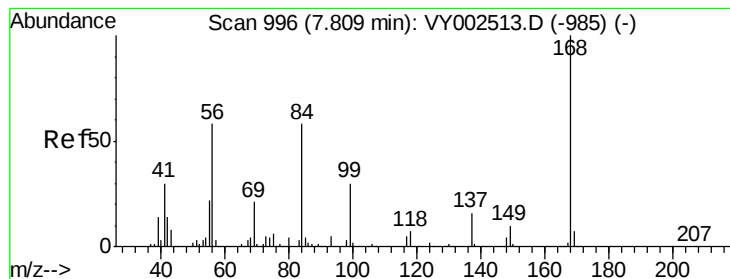
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
Data File : VY002510.D
Acq On : 30 Apr 2020 14:18
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :

Quant Time: May 04 12:20:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:07:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

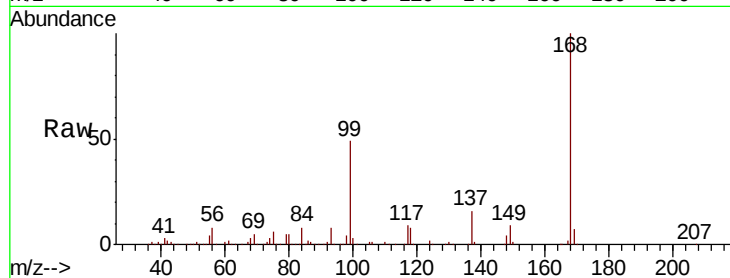
ClientSampleId :

Tot Ion:168 Resp: 373644

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002510.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002510.D (-947) (-)

7.81

150000

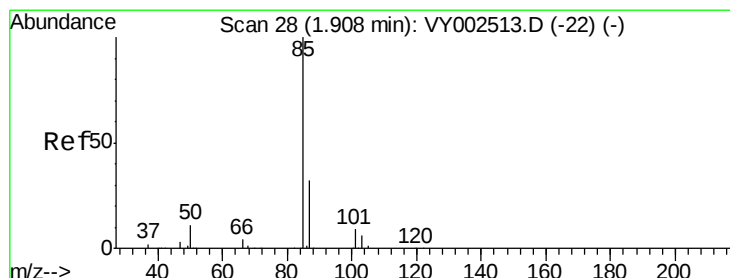
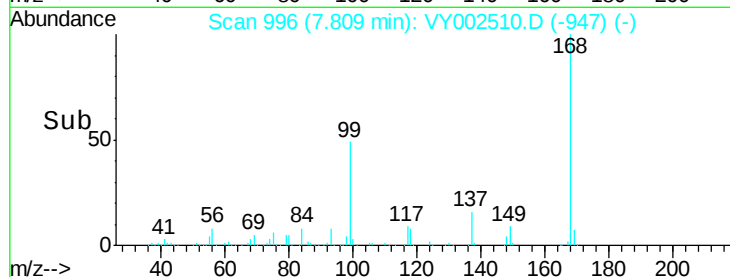
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 4.975 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002510.D

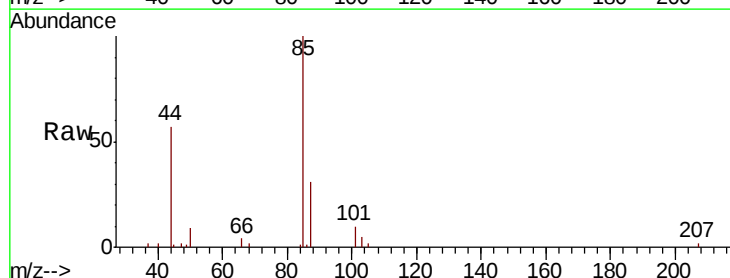
Acq: 30 Apr 2020 14:18

Tgt Ion: 85 Resp: 14118

Ion Ratio Lower Upper

85 100

87 31.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002510.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002510.D (-1) (-)

1.91

10000

8000

6000

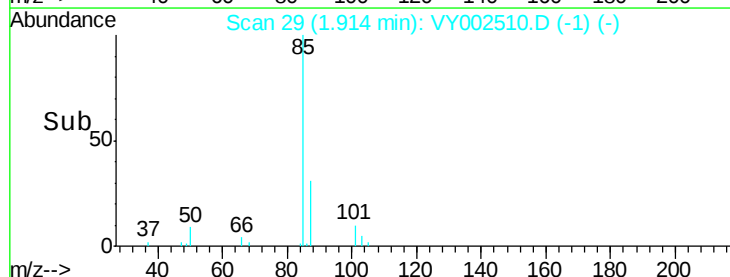
4000

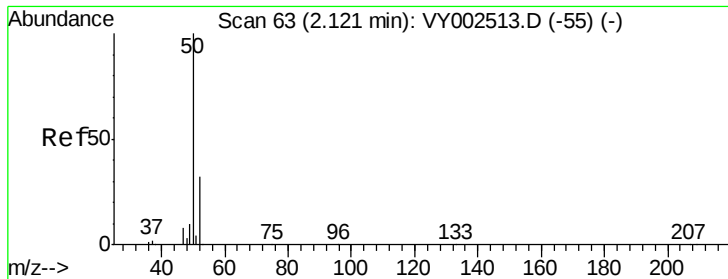
2000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 5.173 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

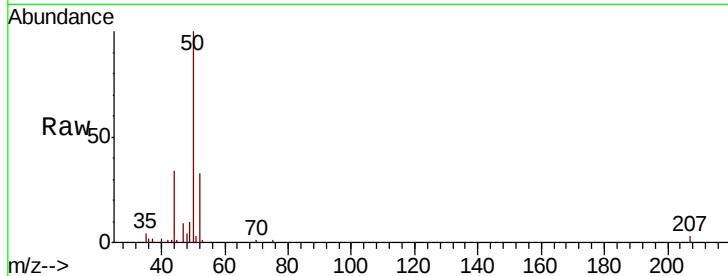
ClientSampleId :

Tot Ion: 50 Resp: 15661

Ion Ratio Lower Upper

50 100

52 33.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

12000

10000

8000

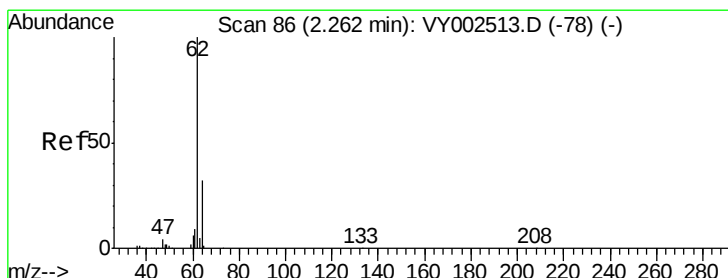
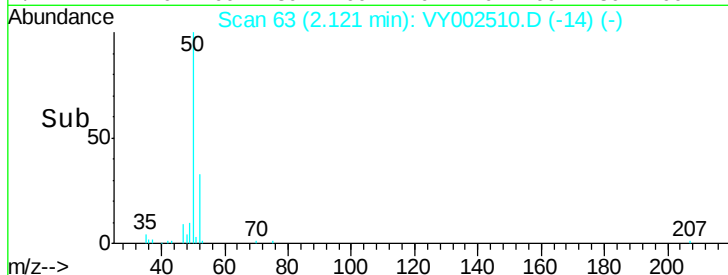
6000

4000

2000

0

Time-->



#4

Vinyl Chloride

Concen: 5.018 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002510.D

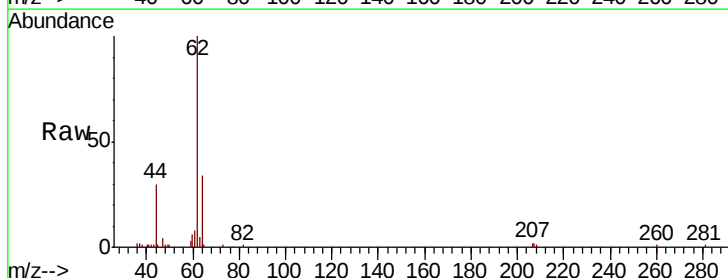
Acq: 30 Apr 2020 14:18

Tgt Ion: 62 Resp: 17540

Ion Ratio Lower Upper

62 100

64 34.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

12000

10000

8000

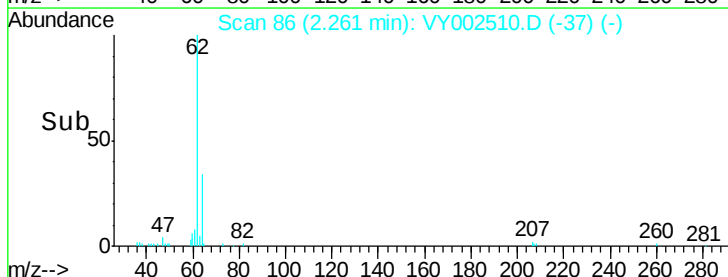
6000

4000

2000

0

Time-->





#5

Bromomethane

Concen: 5.402 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

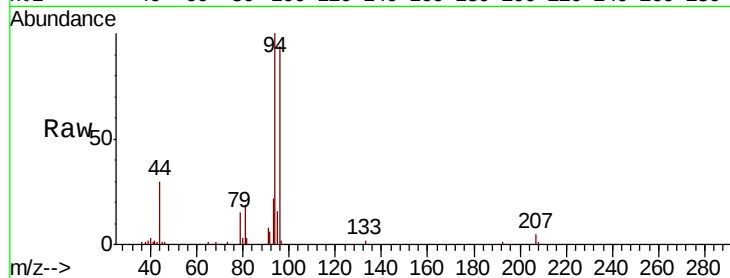
ClientSampleId :

Tot Ion: 94 Resp: 13021

Ion Ratio Lower Upper

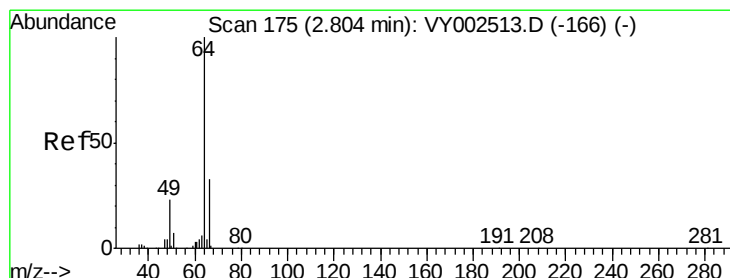
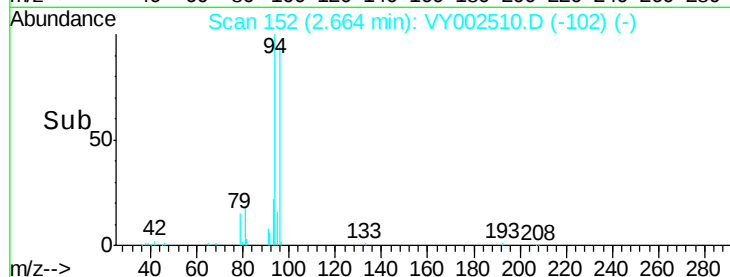
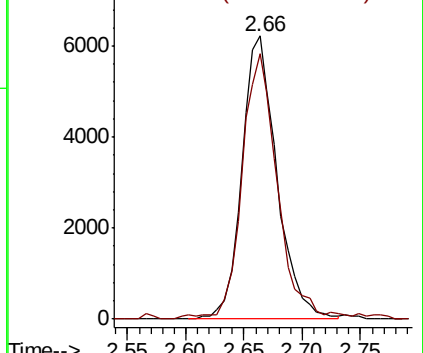
94 100

96 92.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 5.052 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002510.D

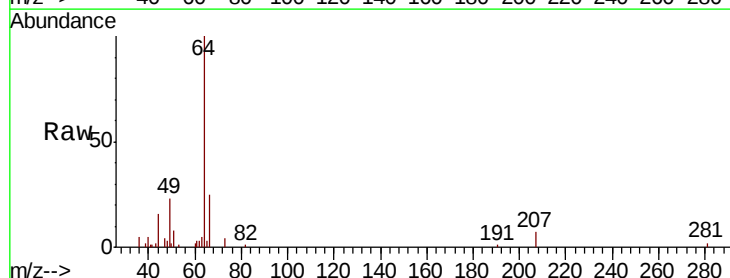
Acq: 30 Apr 2020 14:18

Tgt Ion: 64 Resp: 10544

Ion Ratio Lower Upper

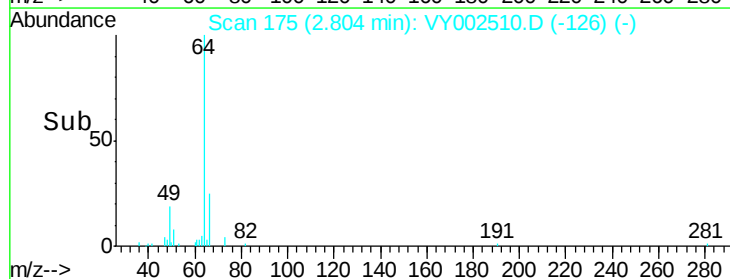
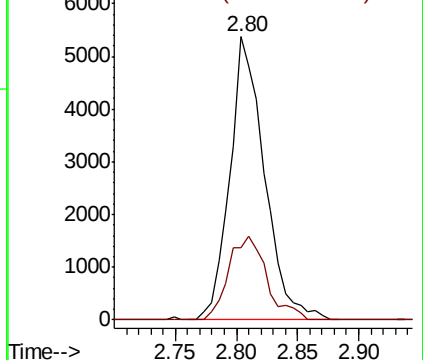
64 100

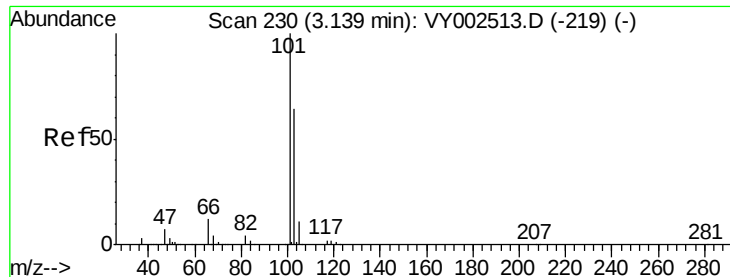
66 25.3 26.3 39.5#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



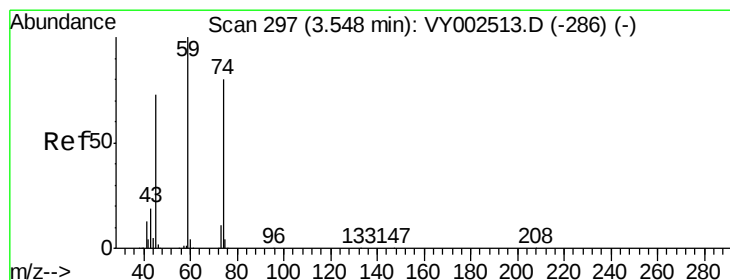
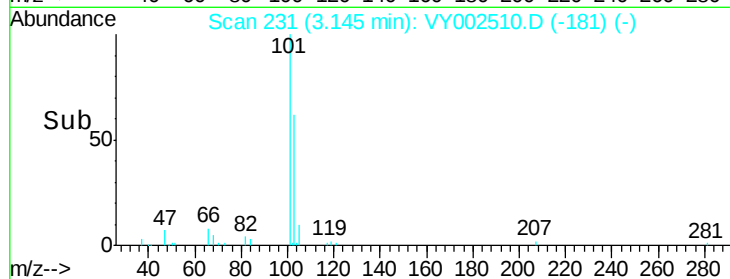
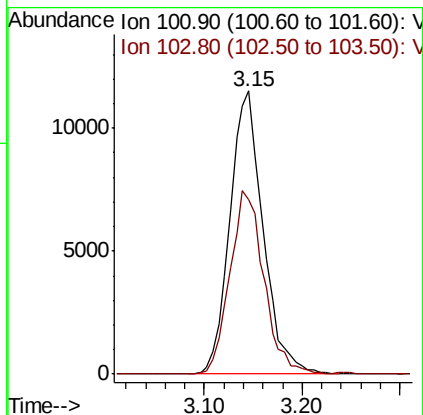
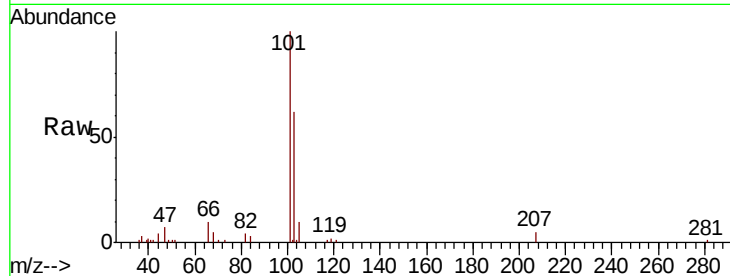


#7

Trichlorofluoromethane
Concen: 4.998 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :

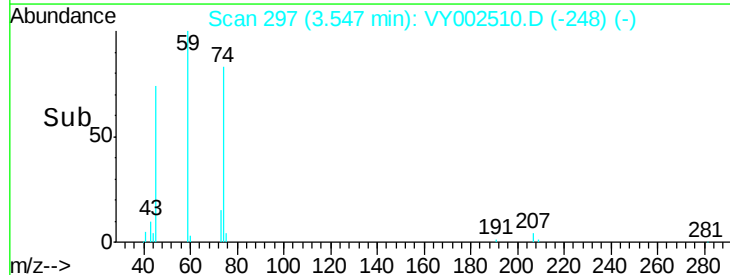
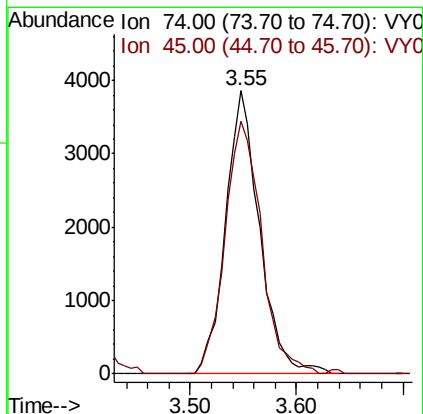
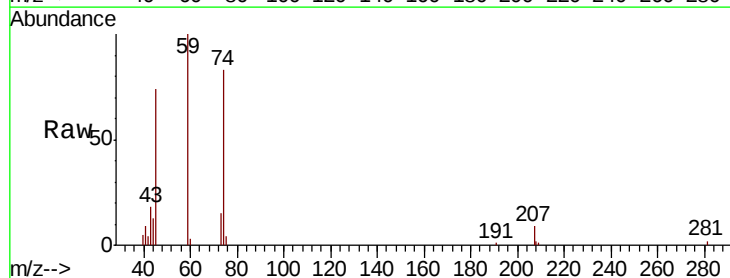
Tot Ion:101 Resp: 27078
Ion Ratio Lower Upper
101 100
103 61.7 51.4 77.0

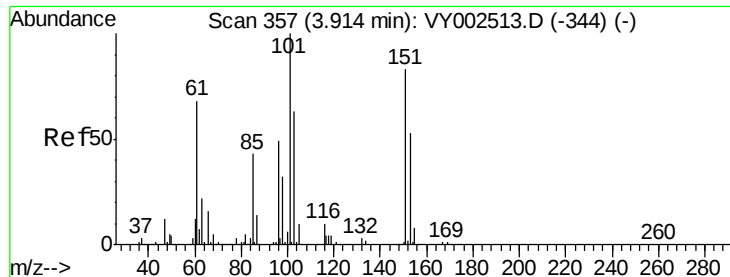


#8

Diethyl Ether
Concen: 4.734 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 74 Resp: 8619
Ion Ratio Lower Upper
74 100
45 95.8 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.194 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

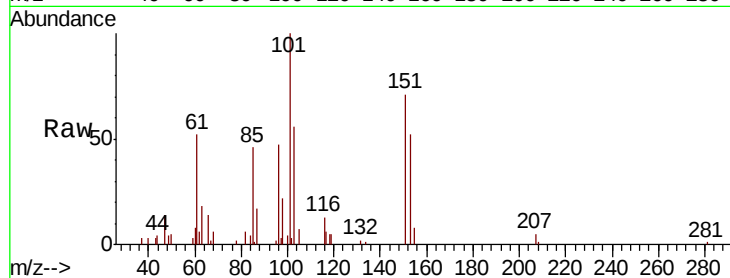
Tot Ion:101 Resp: 17198

Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.2

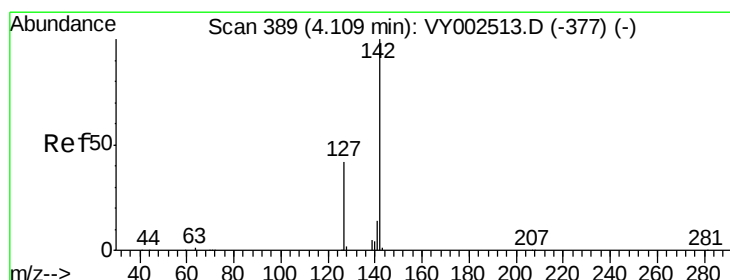
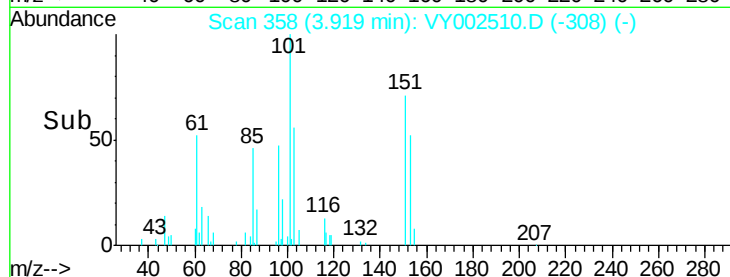
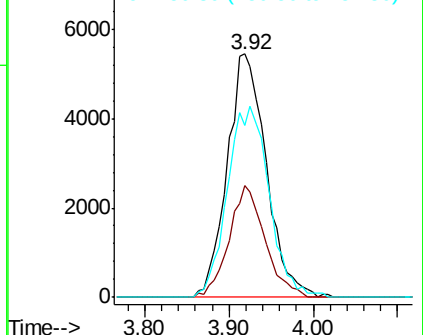
151 83.5 66.8 100.2



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: 4.217 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

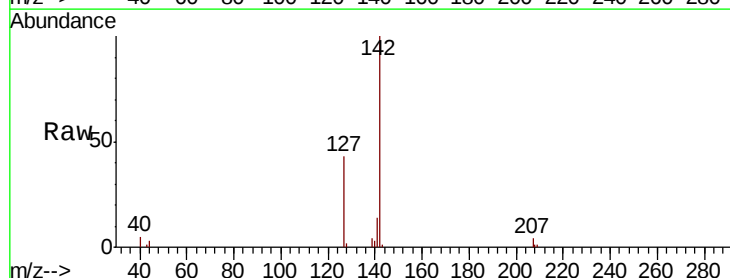
Tgt Ion:142 Resp: 19021

Ion Ratio Lower Upper

142 100

127 43.2 33.7 50.5

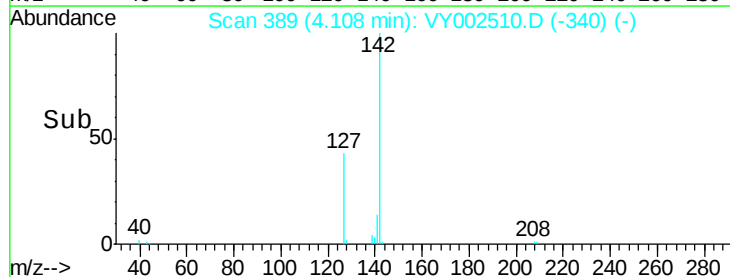
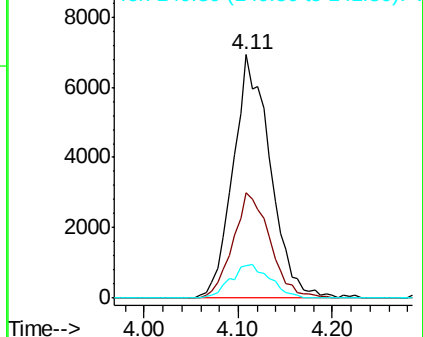
141 14.7 11.4 17.0

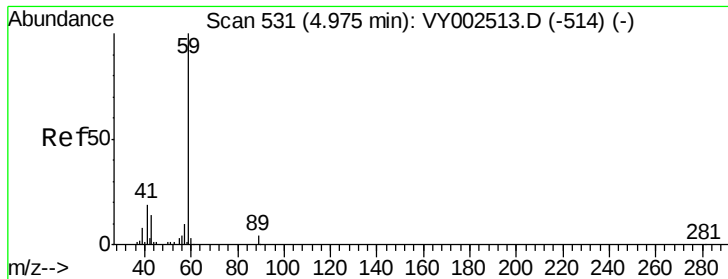


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



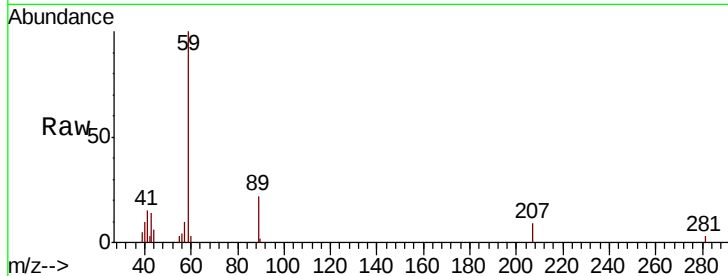


#11

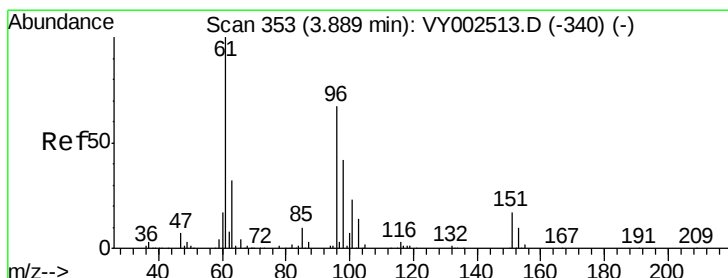
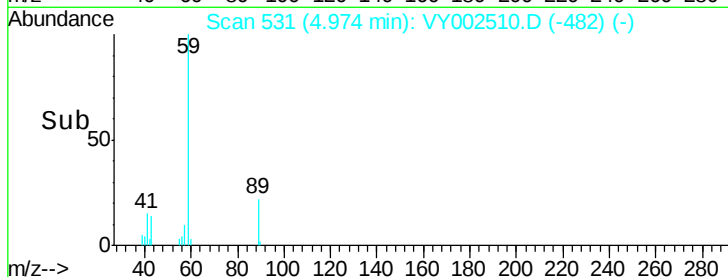
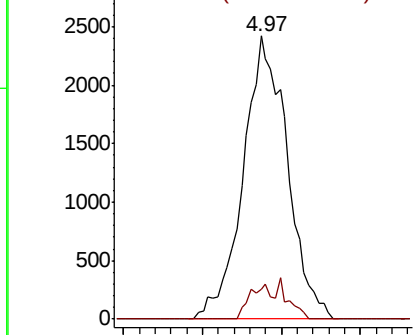
Tert butyl alcohol
Concen: 29.125 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 59 Resp: 9414
Ion Ratio Lower Upper
59 100
57 6.4 7.8 11.6#



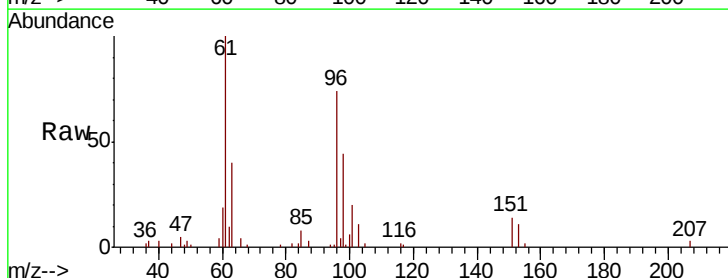
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



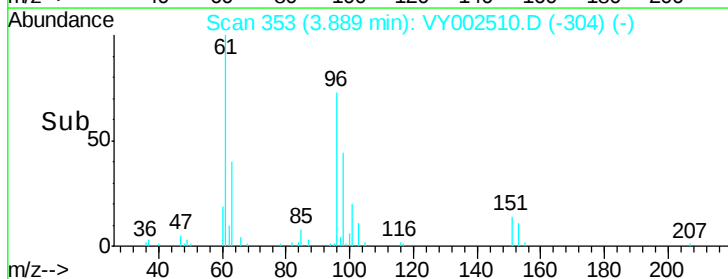
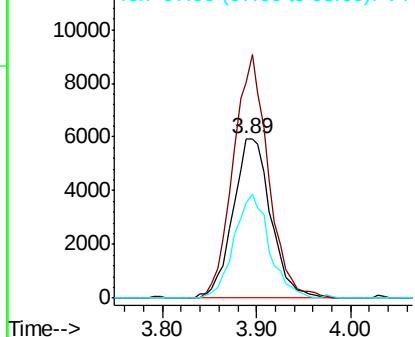
#12

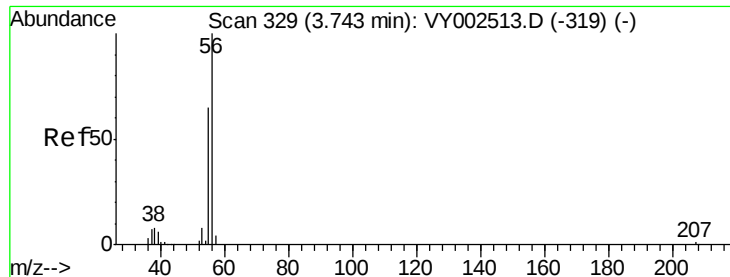
1,1-Dichloroethene
Concen: 5.178 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 96 Resp: 16655
Ion Ratio Lower Upper
96 100
61 134.9 118.8 178.2
98 59.3 49.6 74.4



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





#13

Acrolein

Concen: 21.637 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

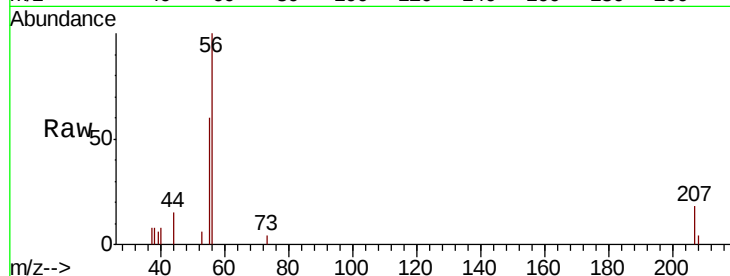
ClientSampleId :

Tot Ion: 56 Resp: 4836

Ion Ratio Lower Upper

56 100

55 67.4 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY002510.D (-280) (-)

Ion 55.00 (54.70 to 55.70): VY002510.D (-280) (-)

3.74

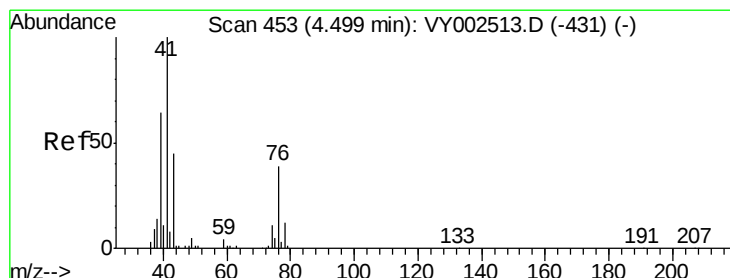
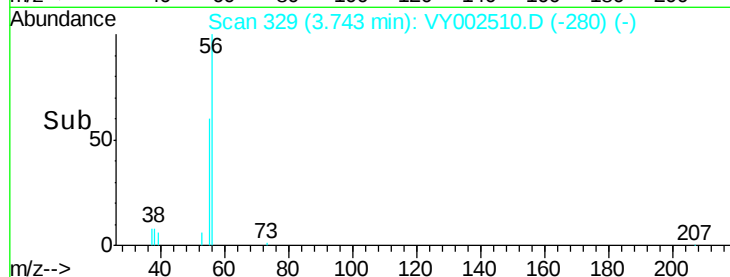
1500

1000

500

0

Time--> 3.65 3.70 3.75 3.80 3.85



#14

Allyl chloride

Concen: 4.822 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

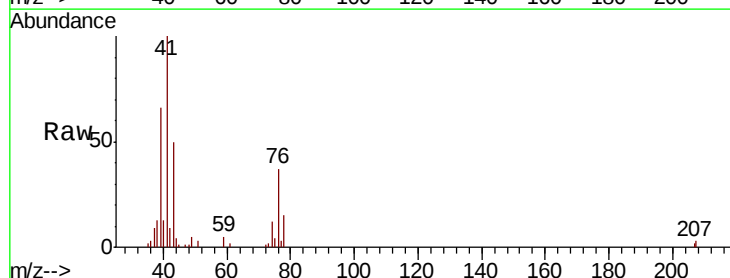
Tgt Ion: 41 Resp: 22598

Ion Ratio Lower Upper

41 100

39 66.1 51.8 77.6

76 40.0 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VY002510.D (-404) (-)

Ion 39.00 (38.70 to 39.70): VY002510.D (-404) (-)

Ion 75.90 (75.60 to 76.60): VY002510.D (-404) (-)

4.50

10000

8000

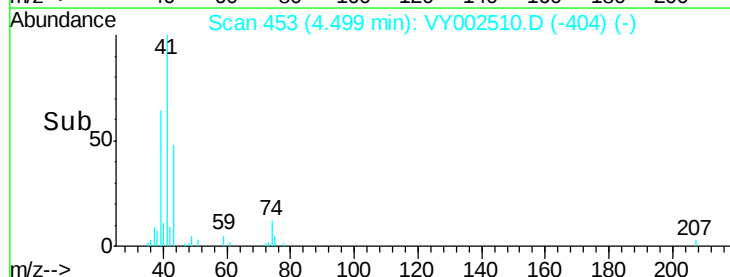
6000

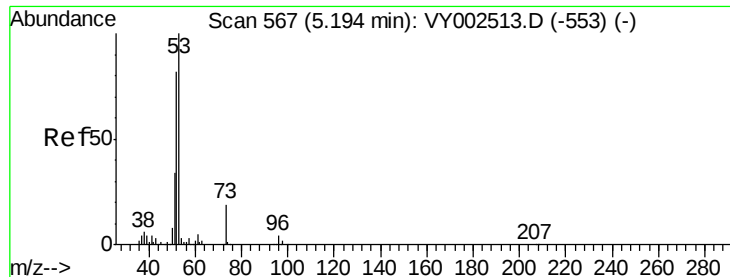
4000

2000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 23.719 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :

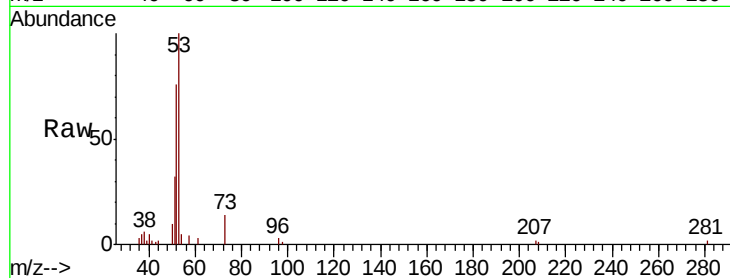
Tot Ion: 53 Resp: 20364

Ion Ratio Lower Upper

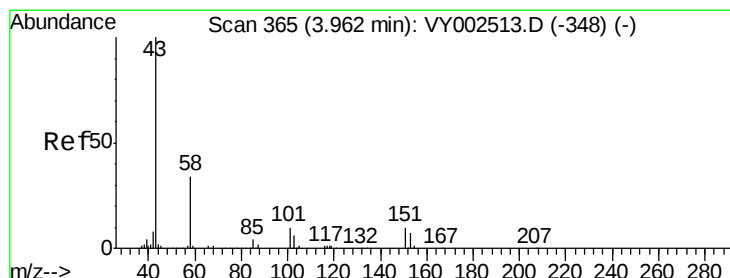
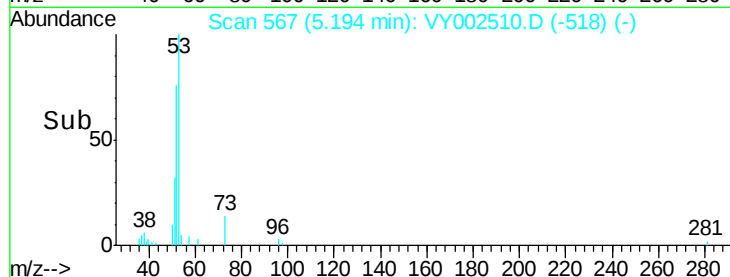
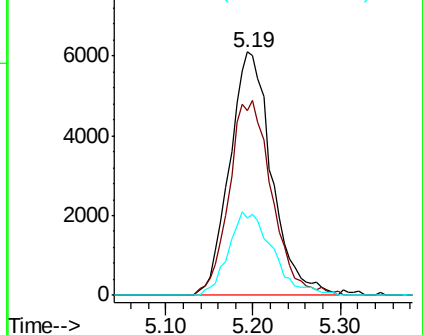
53 100

52 81.6 65.4 98.0

51 36.3 28.7 43.1



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: 24.054 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002510.D

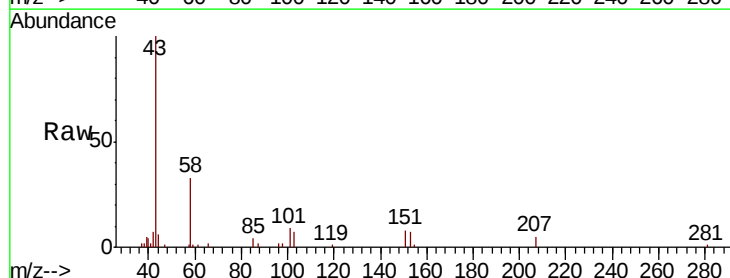
Acq: 30 Apr 2020 14:18

Tgt Ion: 43 Resp: 15596

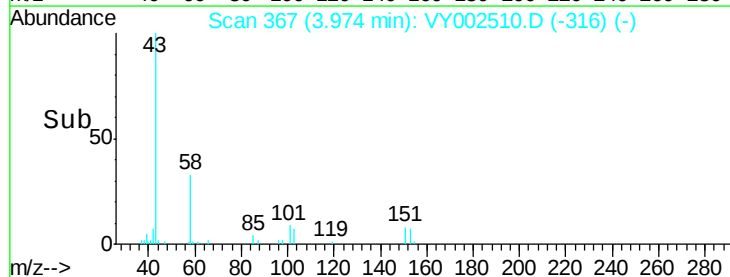
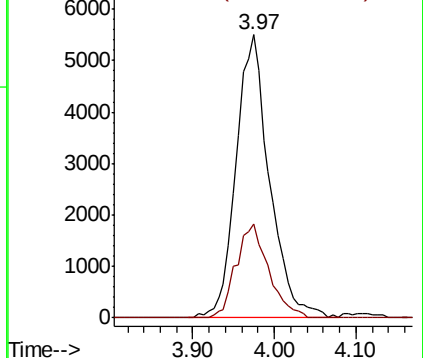
Ion Ratio Lower Upper

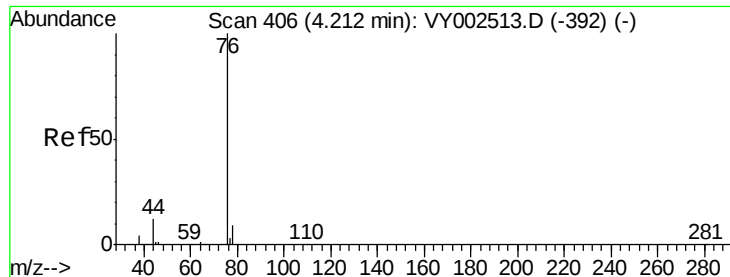
43 100

58 33.0 26.9 40.3



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

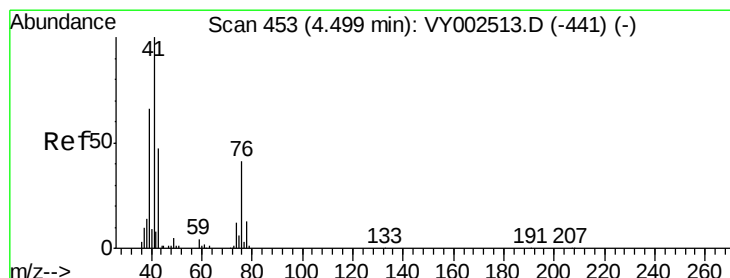
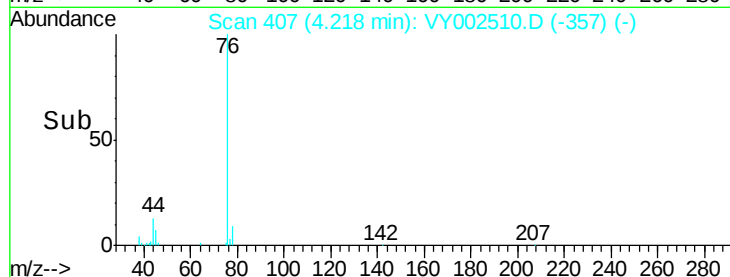
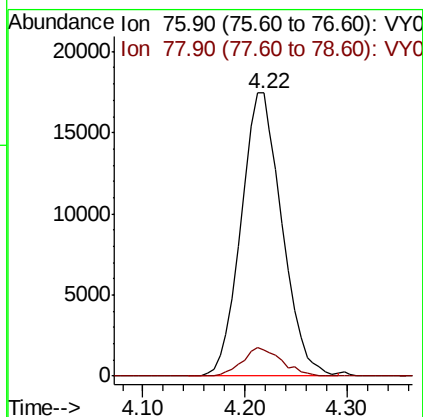
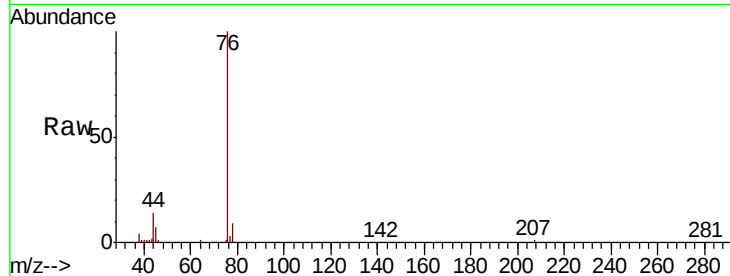




#17
Carbon Disulfide
Concen: 5.010 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

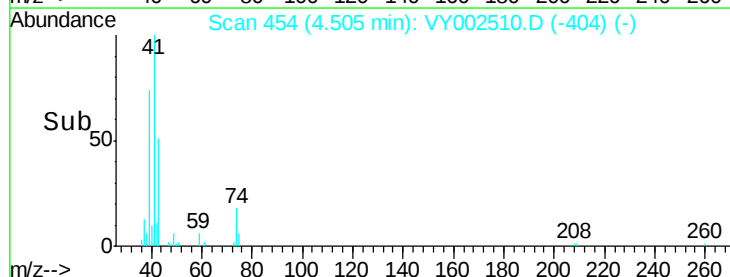
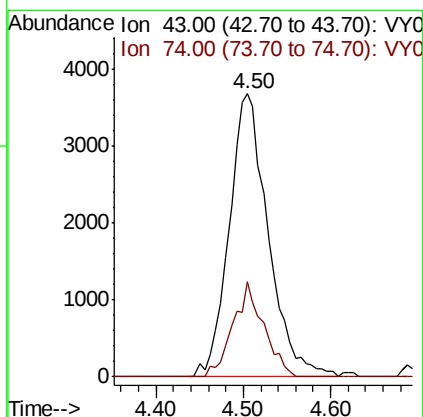
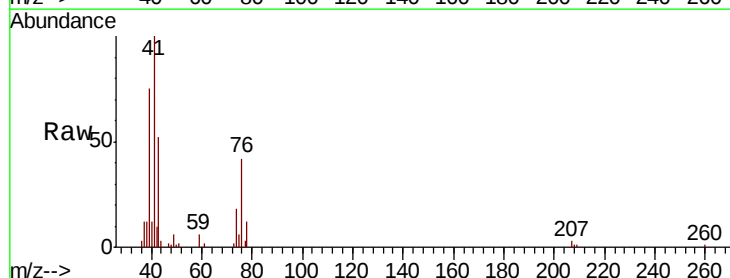
Instrument :
MSVOA_Y
ClientSampleId :

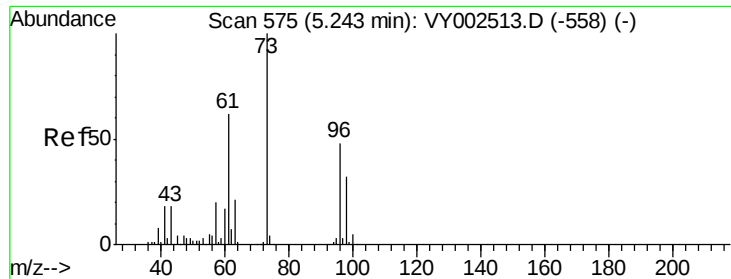
Tot Ion: 76 Resp: 48484
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 5.254 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 43 Resp: 11383
Ion Ratio Lower Upper
43 100
74 26.4 21.2 31.8

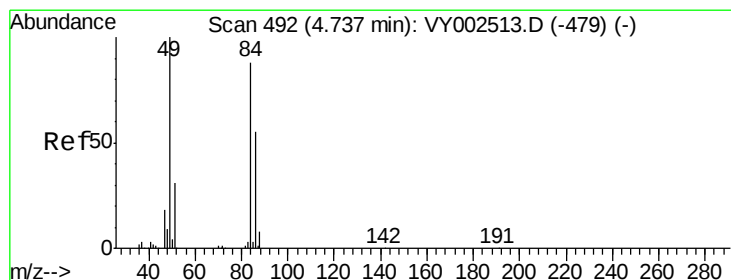
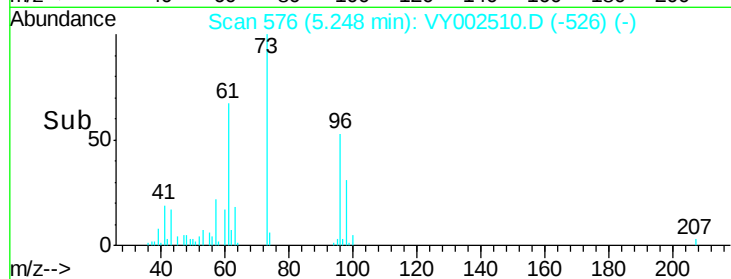
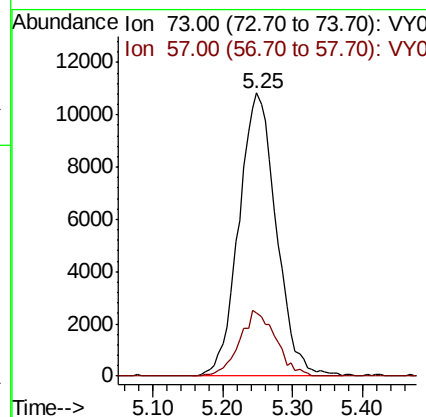
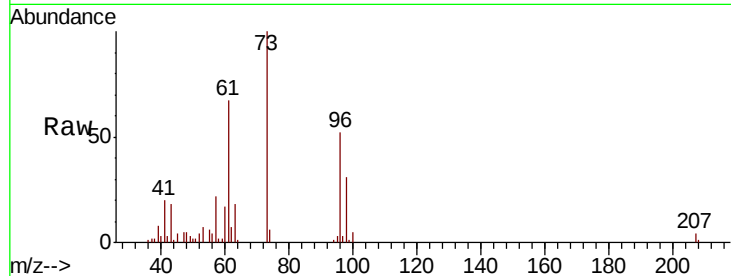




#19
Methvl tert-butvl Ether
Concen: 4.784 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

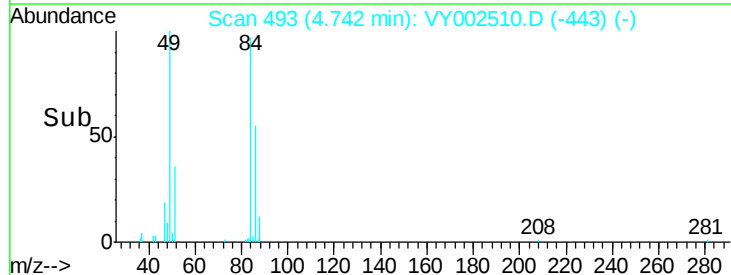
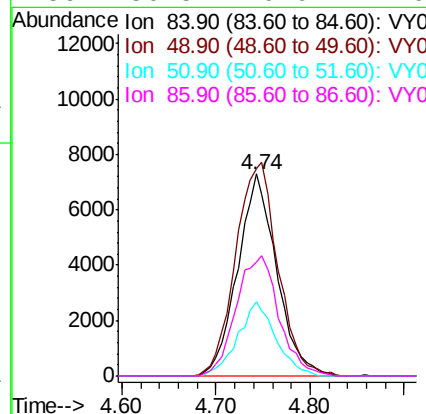
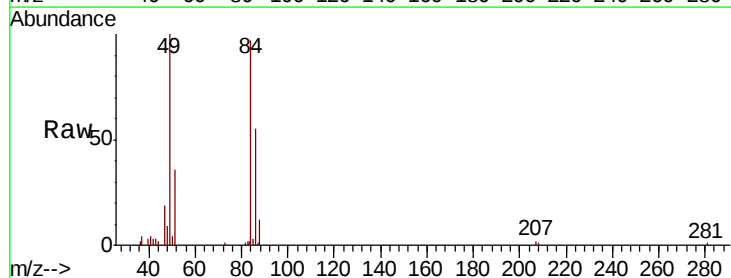
Instrument :
MSVOA_Y
ClientSampleId :

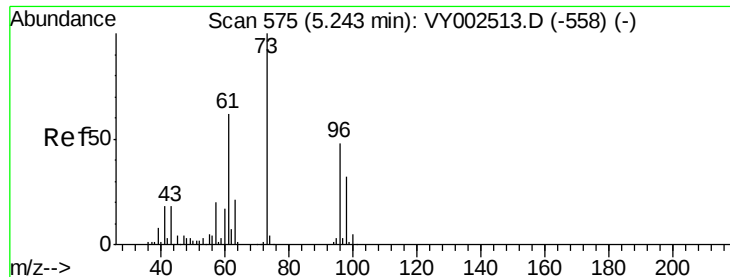
Tot Ion: 73 Resp: 40150
Ion Ratio Lower Upper
73 100
57 22.2 16.3 24.5



#20
Methylene Chloride
Concen: 5.806 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 84 Resp: 21052
Ion Ratio Lower Upper
84 100
49 102.6 90.5 135.7
51 37.0 28.3 42.5
86 56.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.047 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampled :

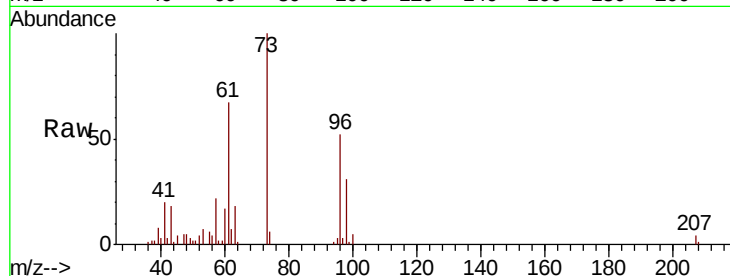
Tot Ion: 96 Resp: 17742

Ion Ratio Lower Upper

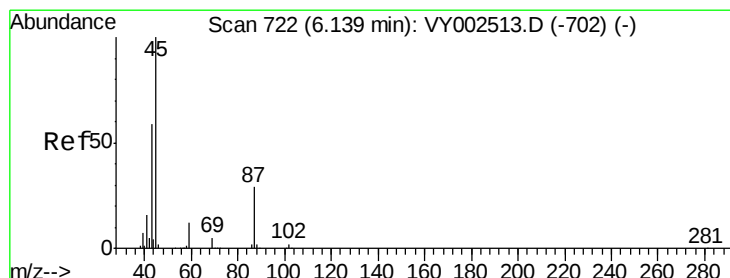
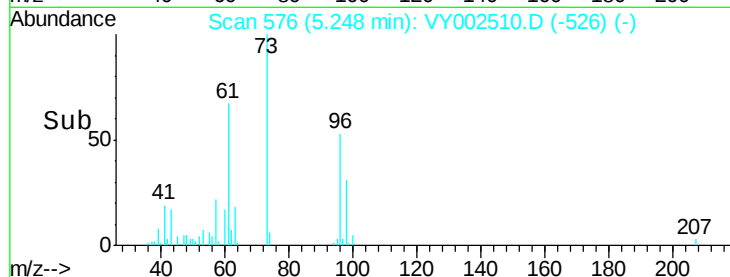
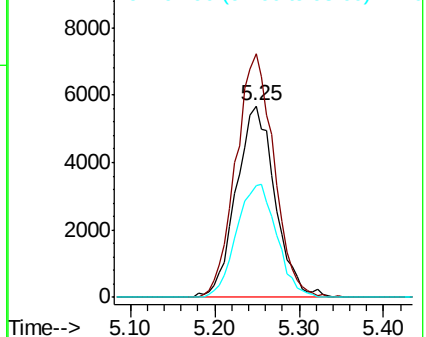
96 100

61 127.1 102.0 153.0

98 58.4 53.0 79.4



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: 4.906 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Tgt Ion: 45 Resp: 46520

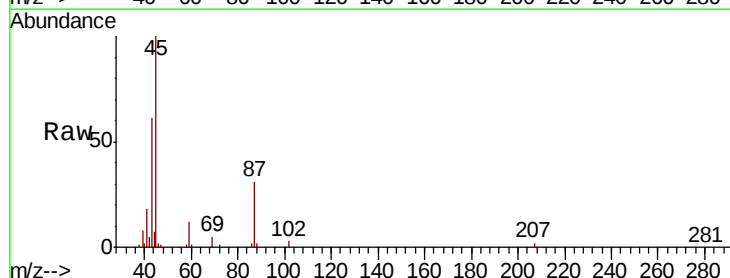
Ion Ratio Lower Upper

45 100

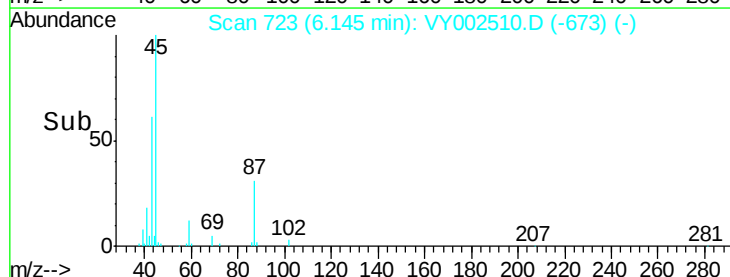
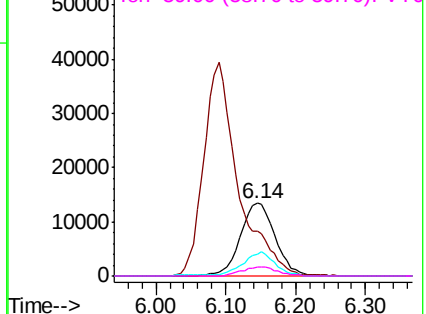
43 60.4 47.4 71.0

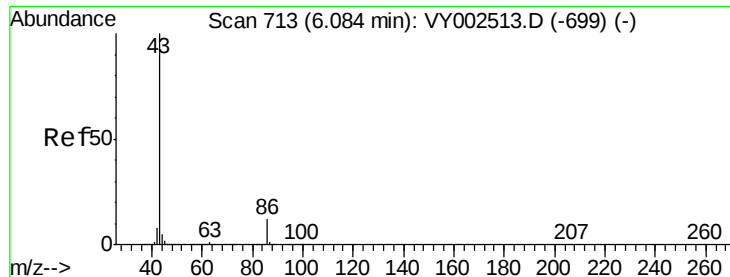
87 30.7 24.0 36.0

59 12.0 9.8 14.8



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: 22.710 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

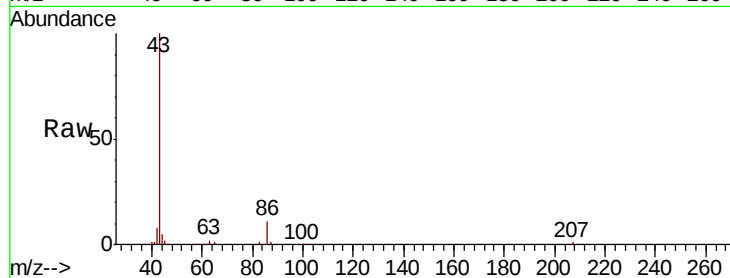
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 135431

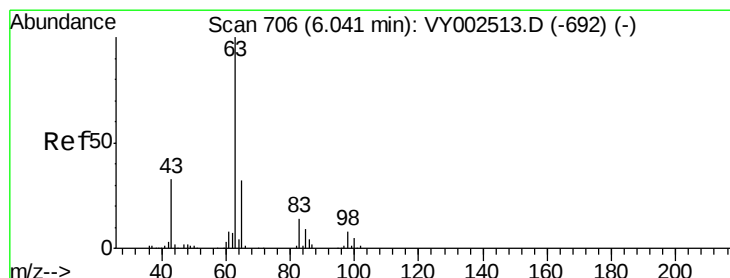
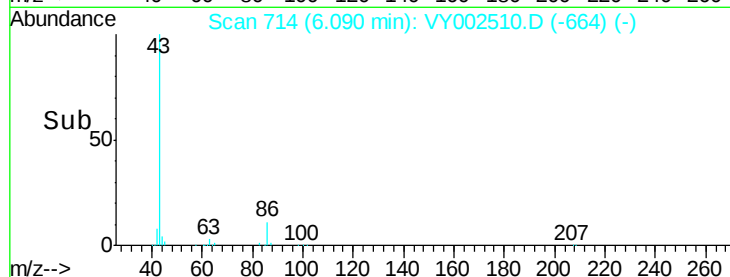
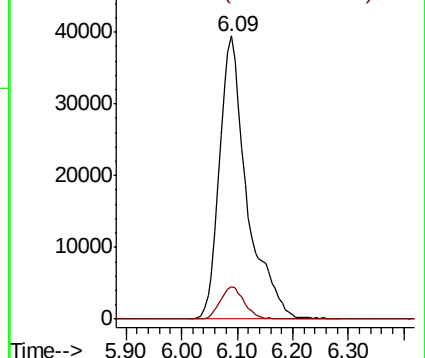
Ion Ratio Lower Upper

43 100

86 11.4 9.8 14.6



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



#24

1,1-Dichloroethane

Concen: 4.970 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

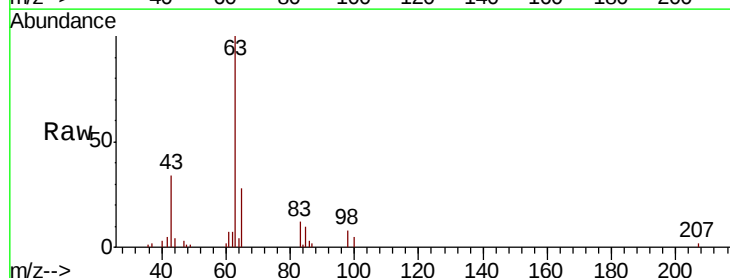
Tgt Ion: 63 Resp: 27879

Ion Ratio Lower Upper

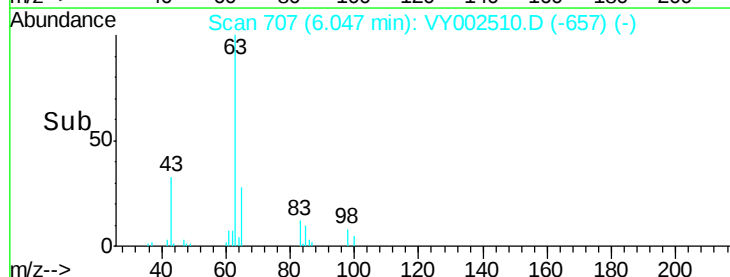
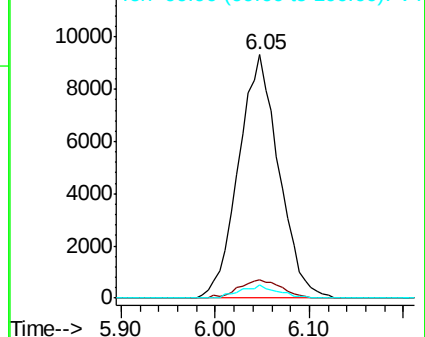
63 100

98 7.5 3.9 11.7

100 5.5 2.4 7.2



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: 24.044 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

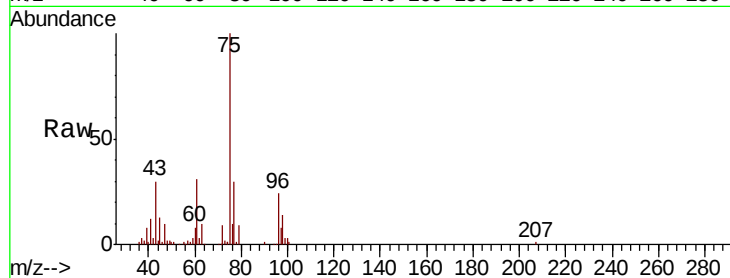
ClientSampled :

Tot Ion: 43 Resp: 25519

Ion Ratio Lower Upper

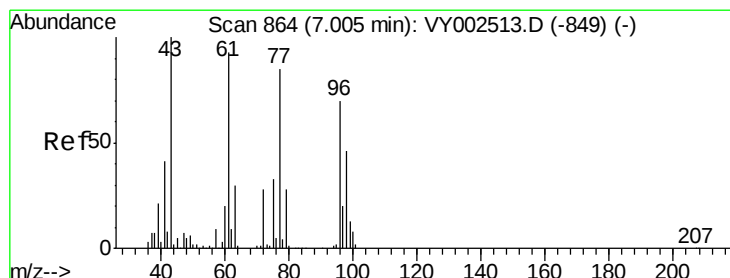
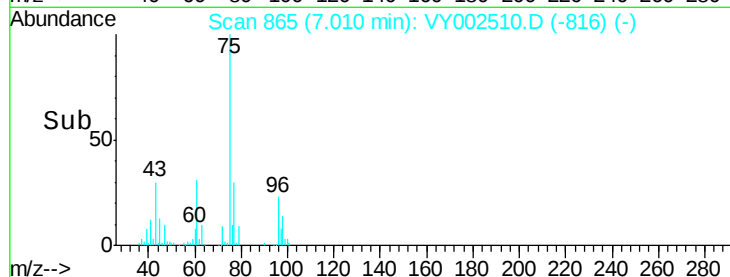
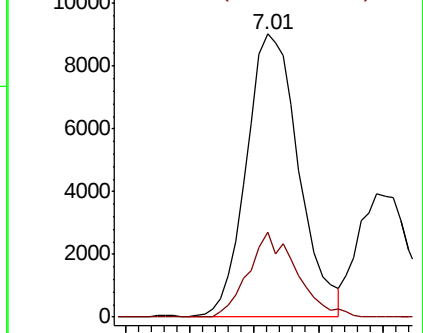
43 100

72 30.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 5.434 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002510.D

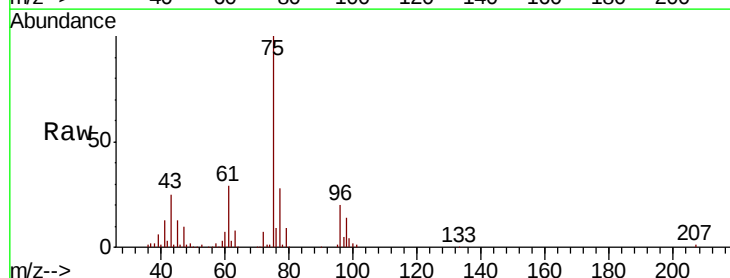
Acq: 30 Apr 2020 14:18

Tgt Ion: 77 Resp: 28976

Ion Ratio Lower Upper

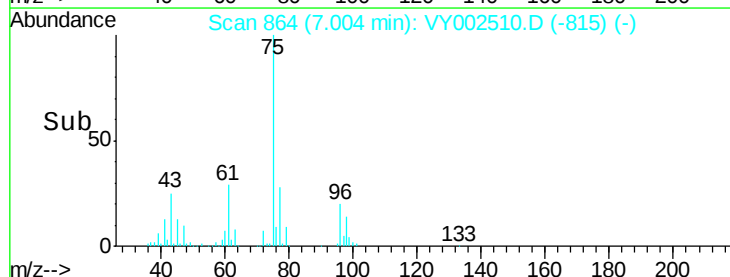
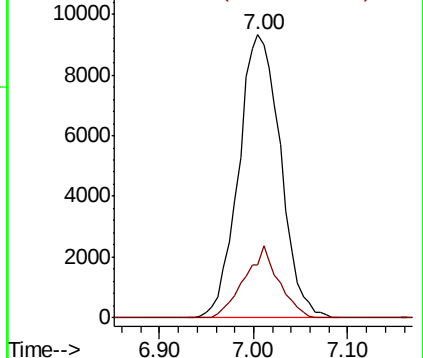
77 100

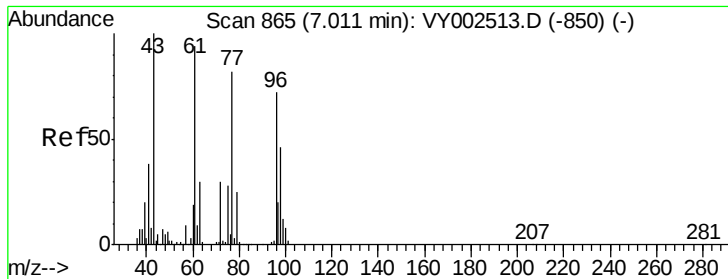
97 20.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



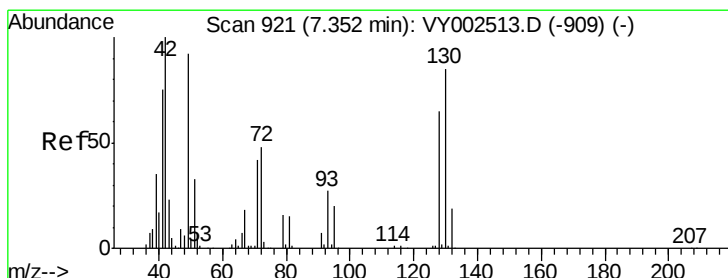
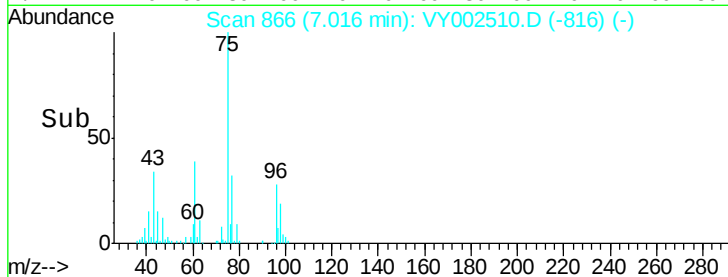
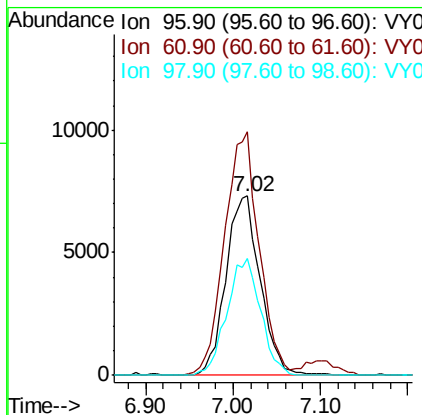
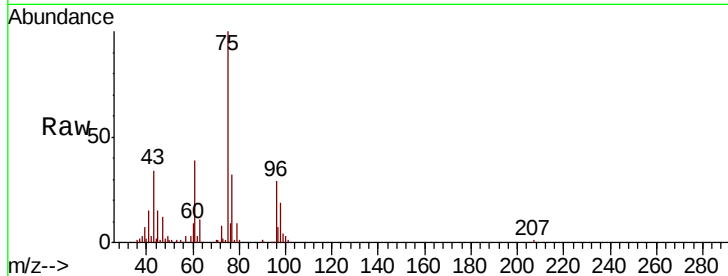


#27

cis-1,2-Dichloroethene
 Concen: 5.118 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :

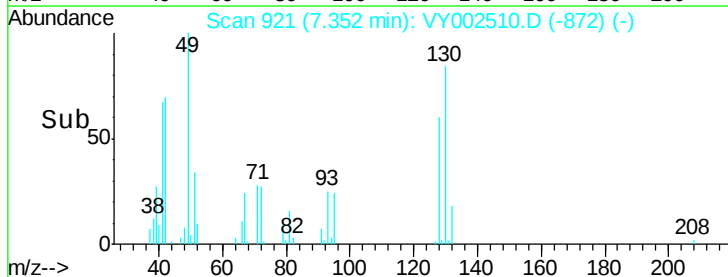
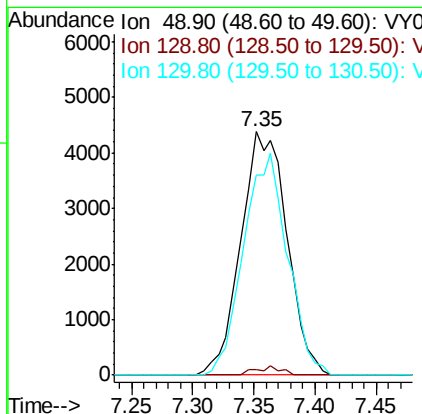
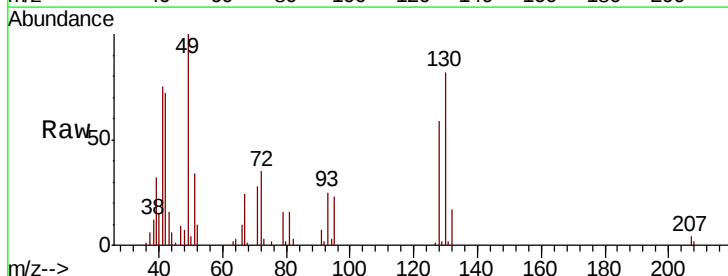
Tot Ion	96	Resp	19910
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	266.6
98	63.8	0.0	129.2

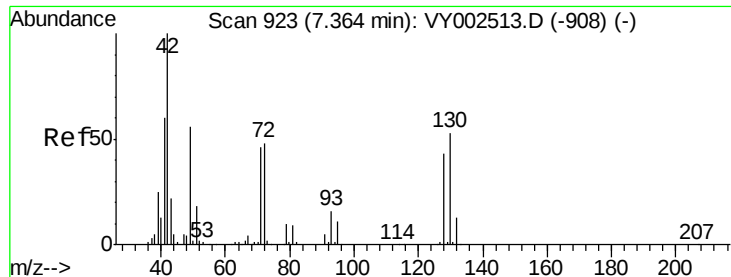


#28

Bromochloromethane
 Concen: 4.984 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion	49	Resp	11455
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	87.1	72.5	108.7

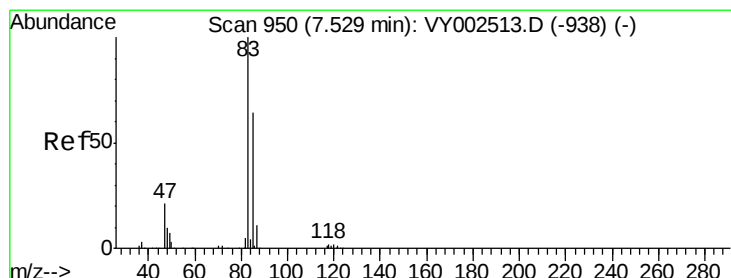
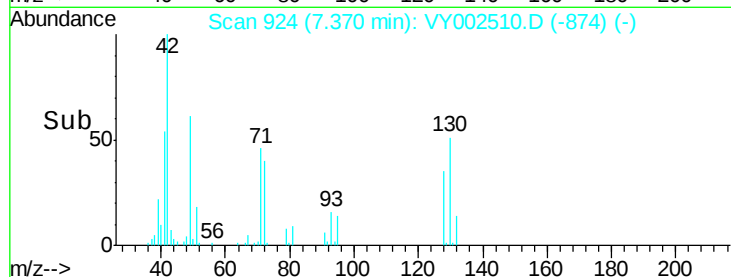
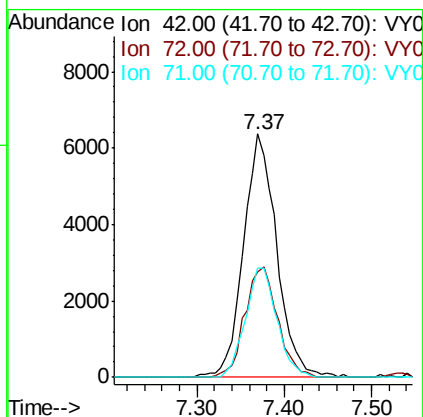
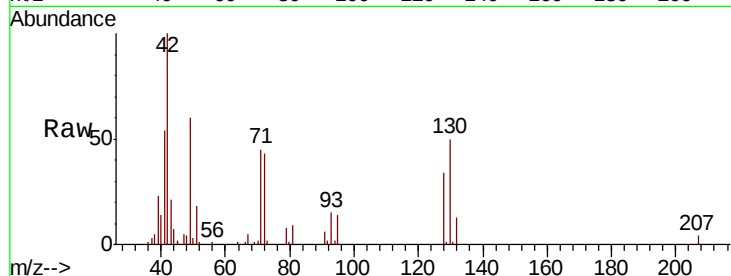




#29
Tetrahydrofuran
Concen: 23.928 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

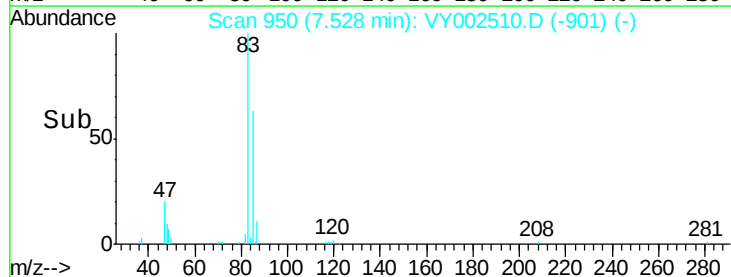
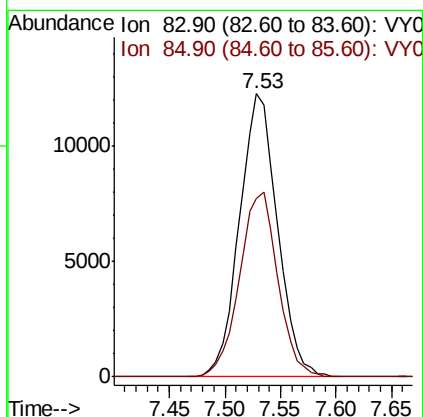
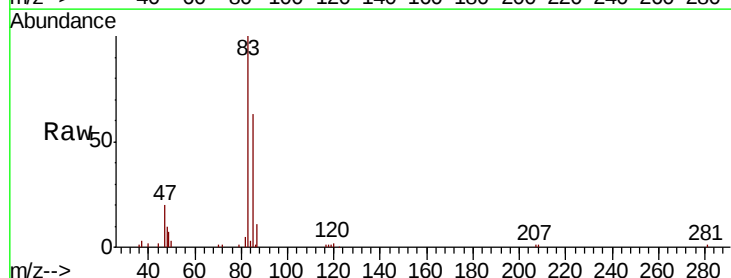
Instrument :
MSVOA_Y
ClientSampleId :

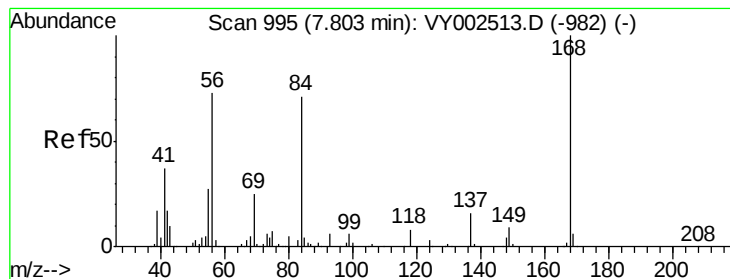
Tot Ion: 42 Resp: 16802
Ion Ratio Lower Upper
42 100
72 44.8 37.4 56.2
71 42.7 35.0 52.4



#30
Chloroform
Concen: 4.981 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 83 Resp: 29054
Ion Ratio Lower Upper
83 100
85 63.0 51.5 77.3





#31

Cyclohexane

Concen: 5.799 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

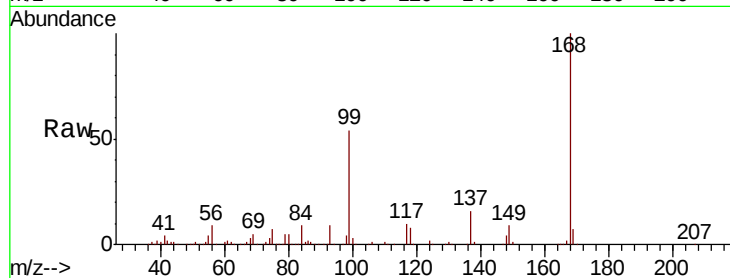
Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

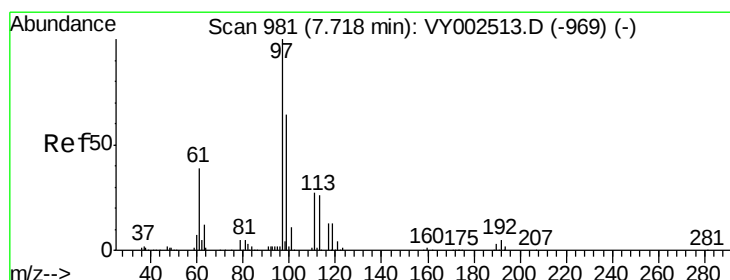
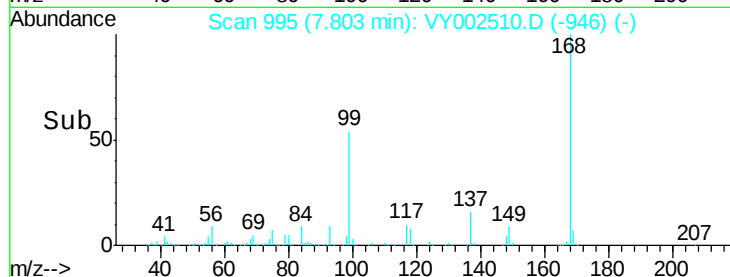
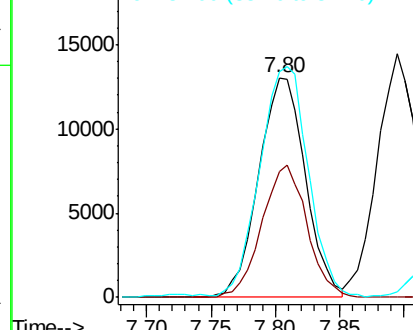
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 32747

Ion	Ratio	Lower	Upper
56	100		
69	57.5	27.6	41.4#
84	101.9	77.7	116.5



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



#32

1,1,1-Trichloroethane

Concen: 4.837 ug/l

RT: 7.72 min Scan# 982

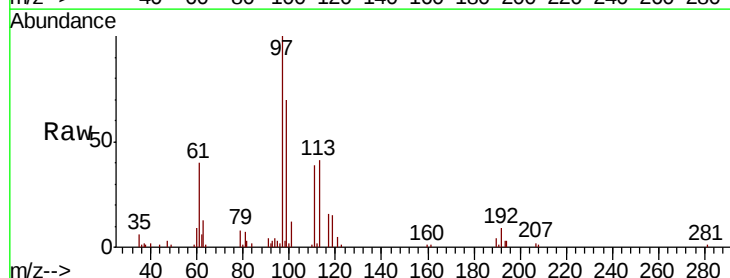
Delta R.T. 0.01 min

Lab File: VY002510.D

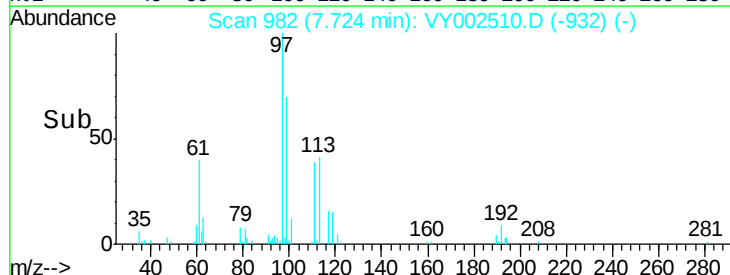
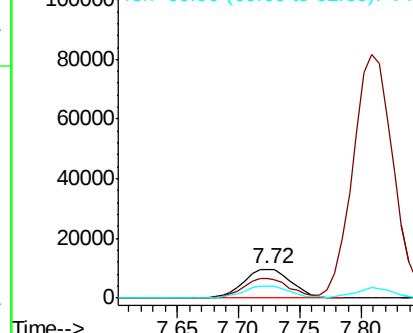
Acq: 30 Apr 2020 14:18

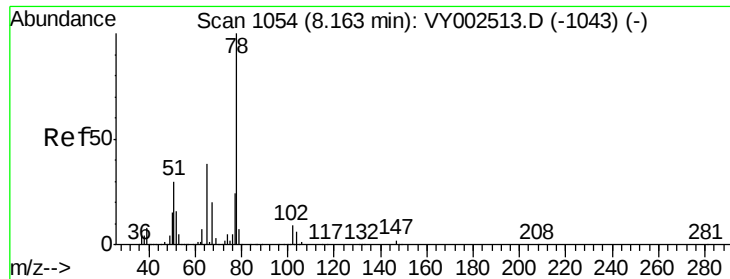
Tgt Ion: 97 Resp: 26222

Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.9	77.9
61	40.5	31.0	46.6



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

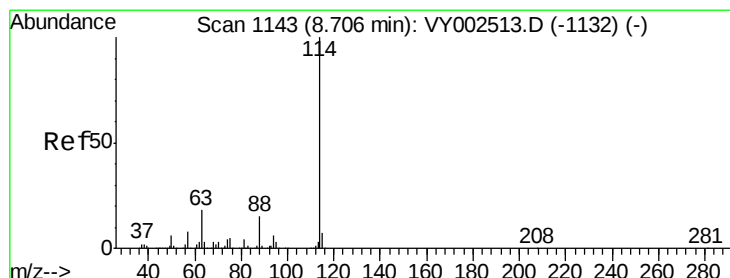
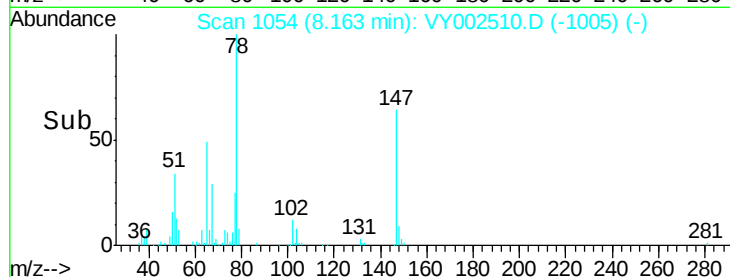
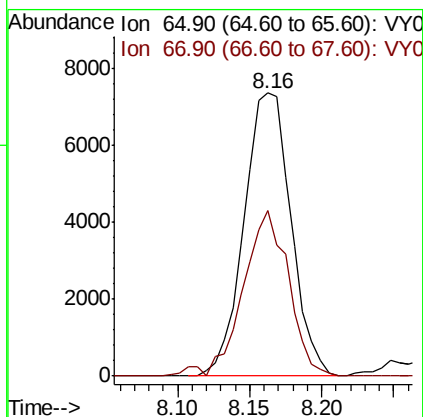
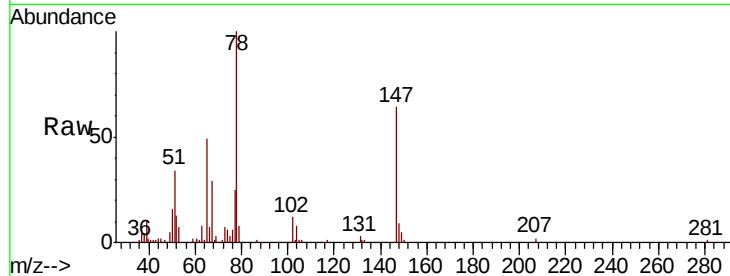




#33
 1,2-Dichloroethane-d4
 Concen: 5.288 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

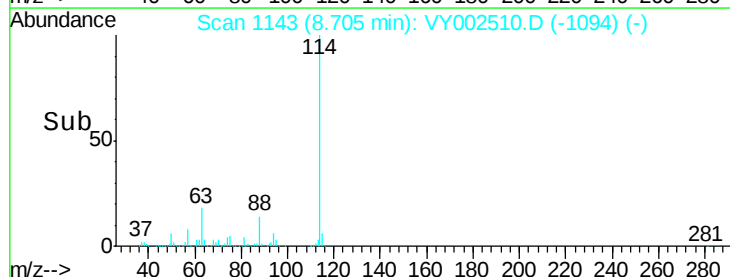
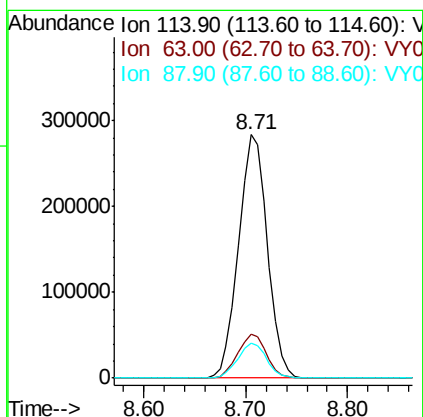
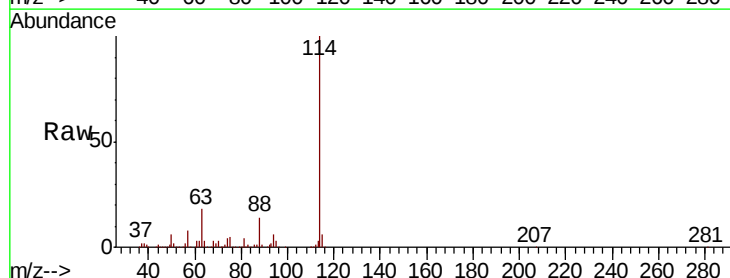
Instrument :
 MSVOA_Y
 ClientSampleId :

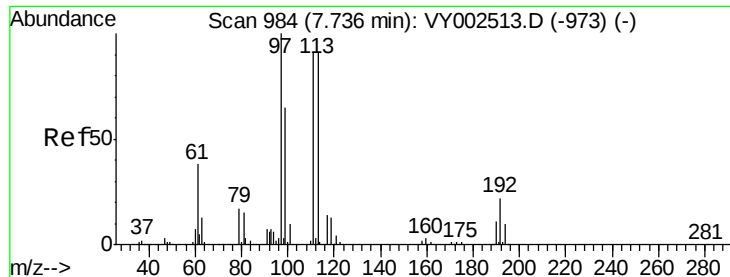
Tot Ion: 65 Resp: 16613
 Ion Ratio Lower Upper
 65 100
 67 56.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion: 114 Resp: 555461
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.4
 88 14.2 0.0 29.6

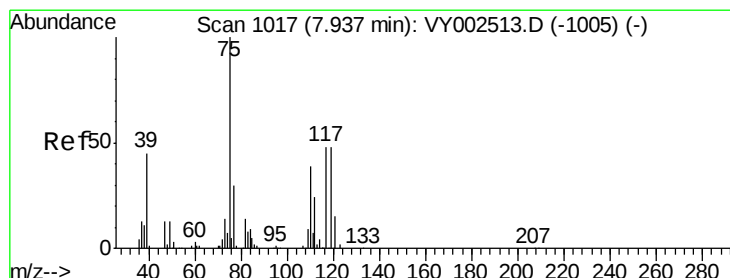
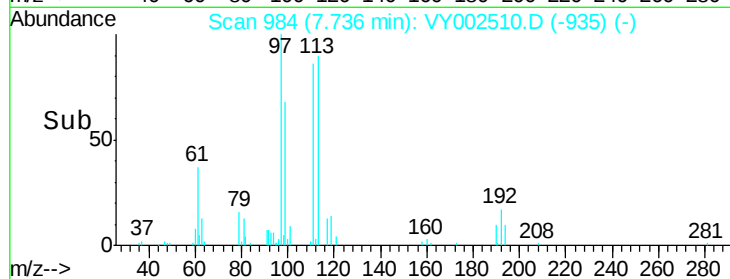
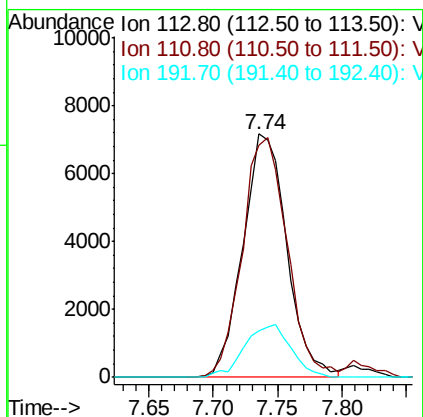
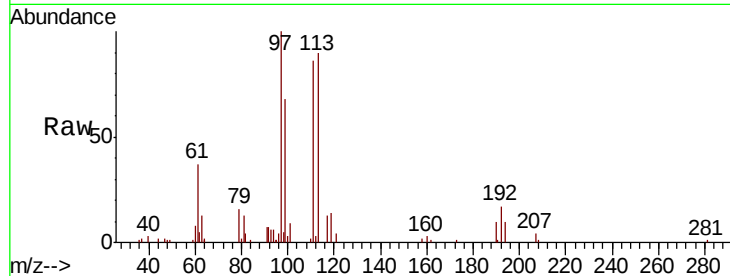




#35
 Dibromofluoromethane
 Concen: 5.331 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

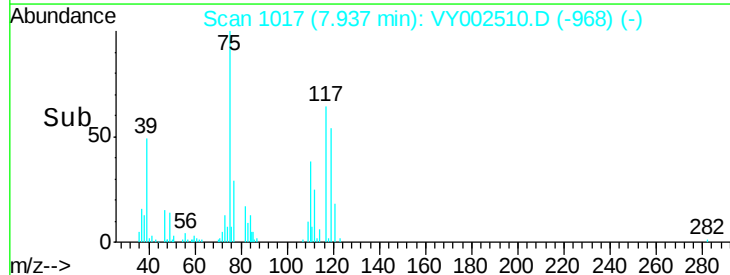
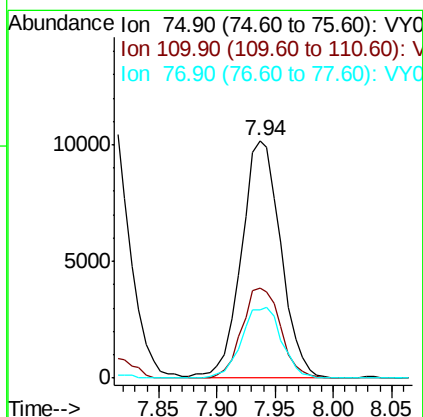
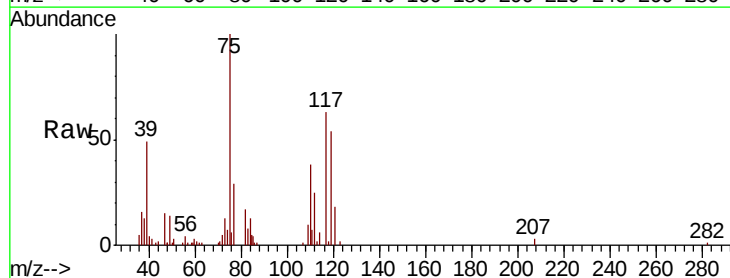
Instrument :
 MSVOA_Y
 ClientSampleId :

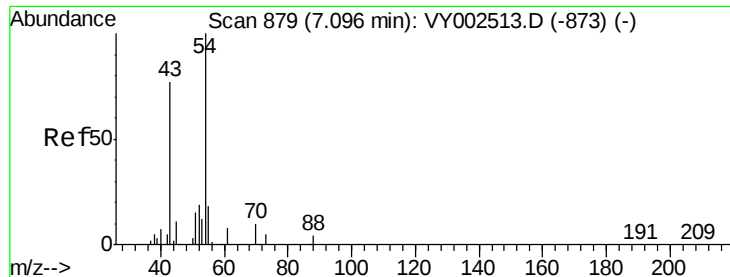
Tot Ion:113 Resp: 16934
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.8 122.6
 192 23.0 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 5.149 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion: 75 Resp: 23978
 Ion Ratio Lower Upper
 75 100
 110 37.2 19.1 57.3
 77 30.2 24.6 37.0

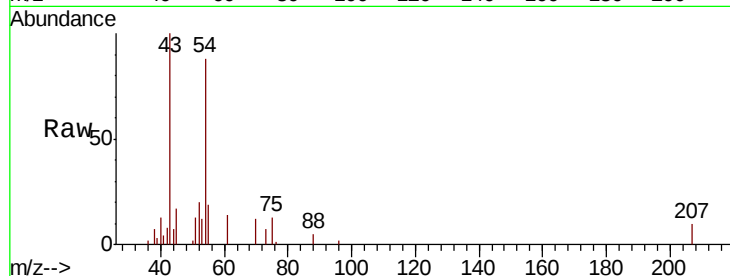




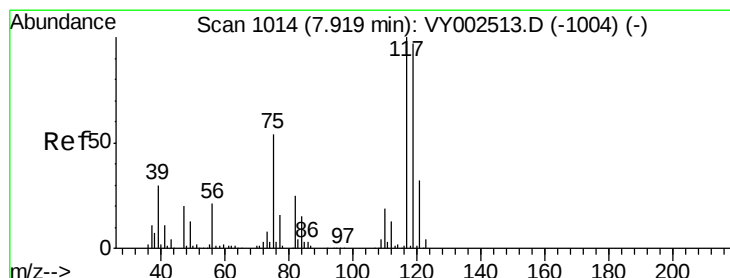
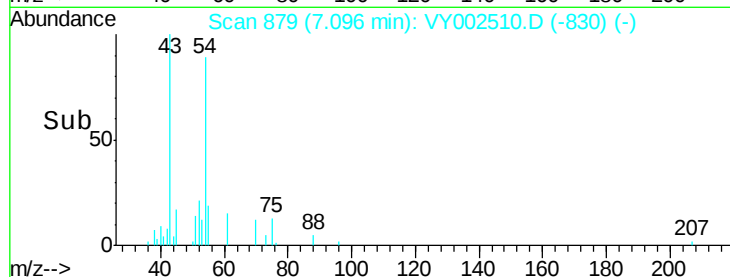
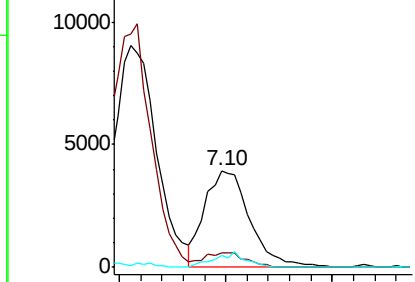
#37
Ethyl Acetate
Concen: 4.831 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 11560
Ion Ratio Lower Upper
43 100
61 12.3 11.6 17.4
70 10.9 9.0 13.6

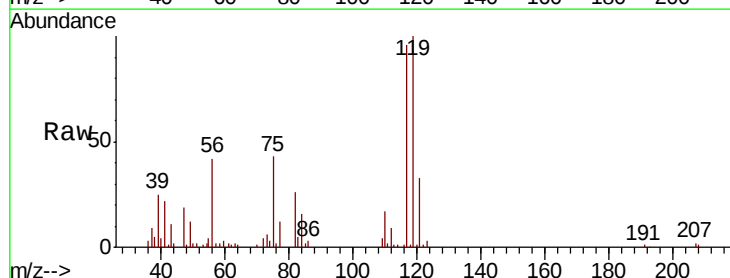


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

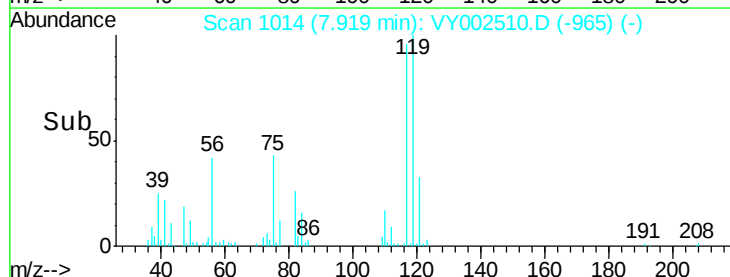
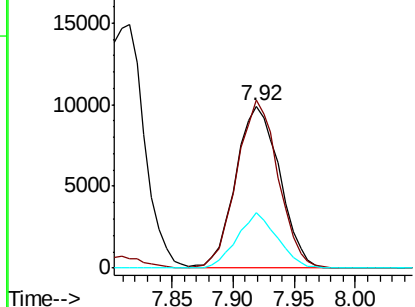


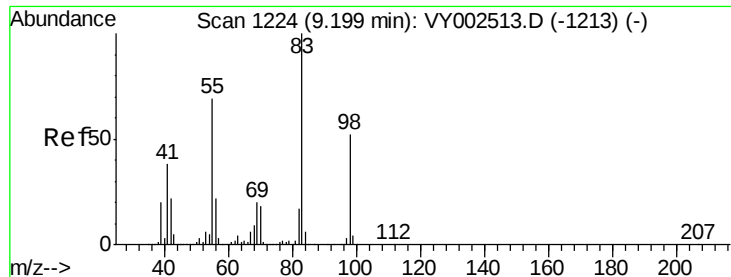
#38
Carbon Tetrachloride
Concen: 4.900 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 117 Resp: 24909
Ion Ratio Lower Upper
117 100
119 104.1 77.1 115.7
121 34.3 25.2 37.8



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

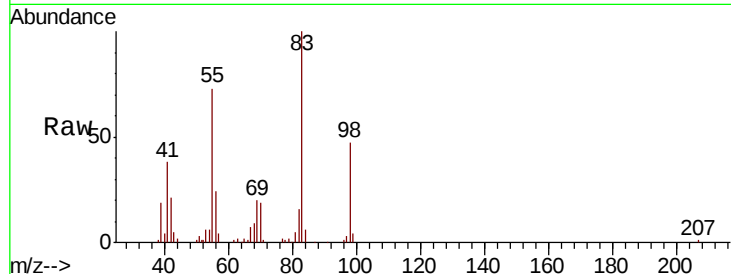




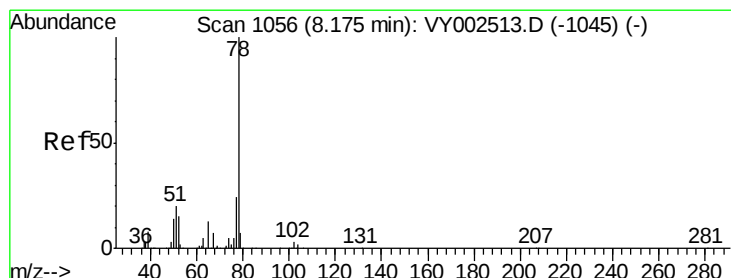
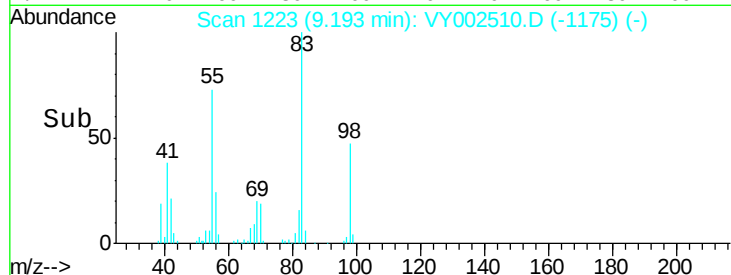
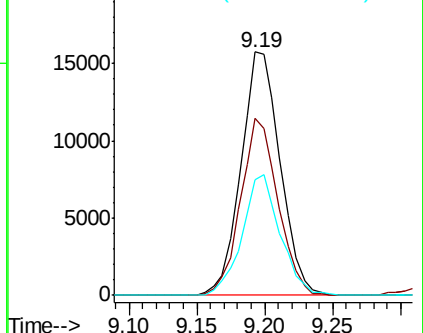
#39
Methvlcvclohexane
Concen: 5.141 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 31621
Ion Ratio Lower Upper
83 100
55 72.5 55.4 83.0
98 47.2 41.3 61.9

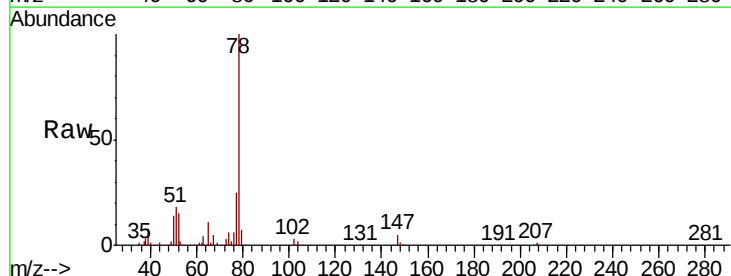


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

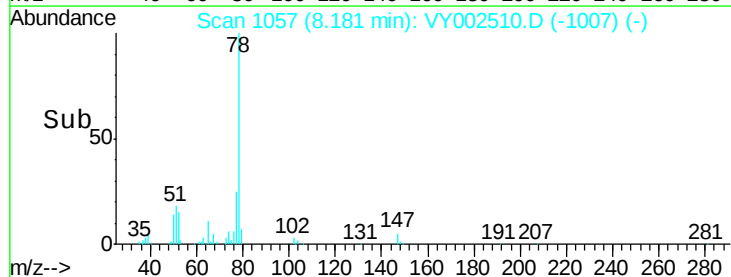
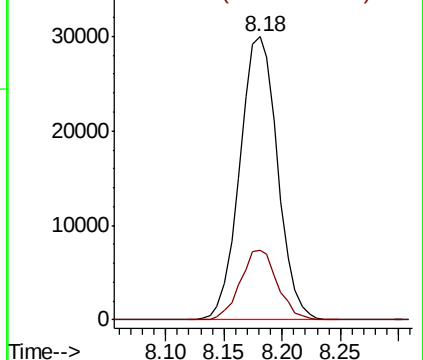


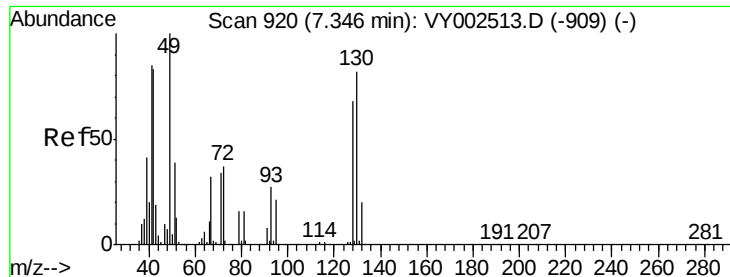
#40
Benzene
Concen: 5.039 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 78 Resp: 67765
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8



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

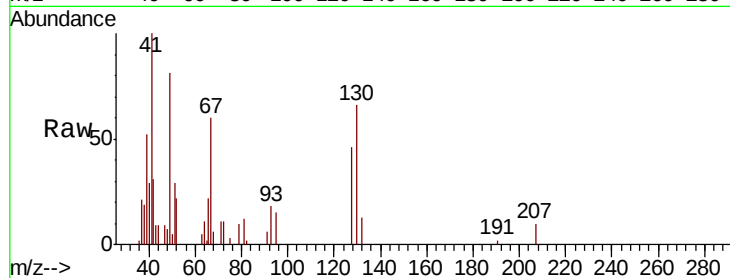




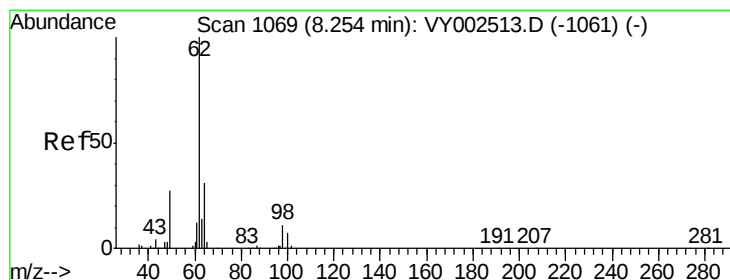
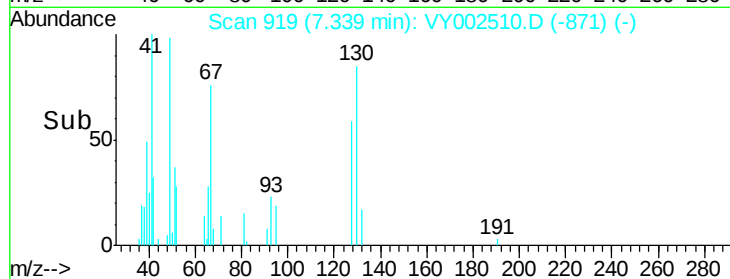
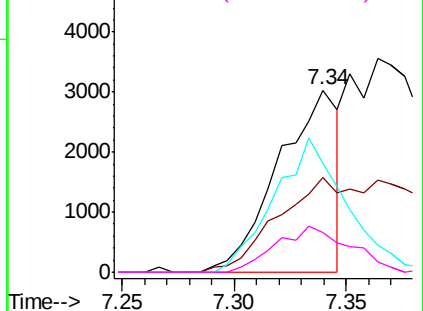
#41
Methacrylonitrile
Concen: 4.519 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	5653
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

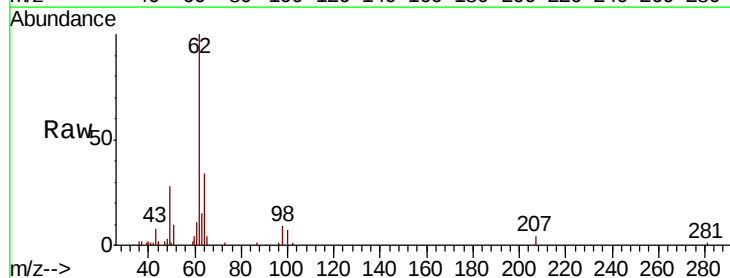


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

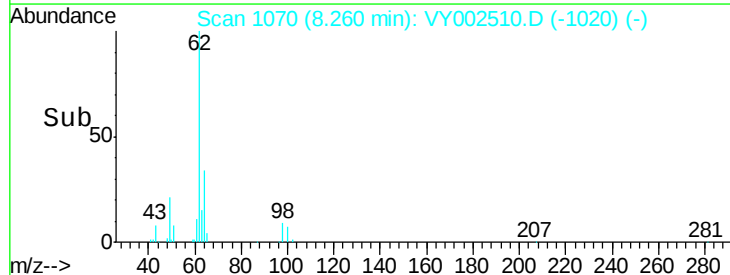
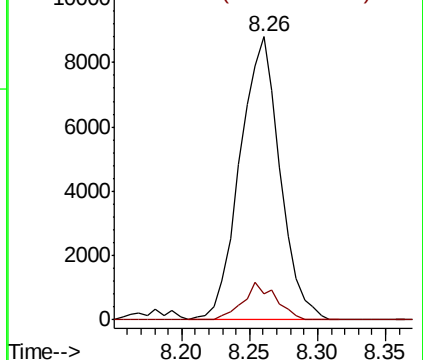


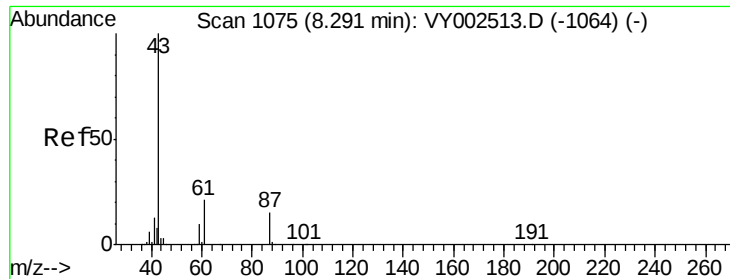
#42
1,2-Dichloroethane
Concen: 4.808 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion:	62	Resp:	18137
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 4.537 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

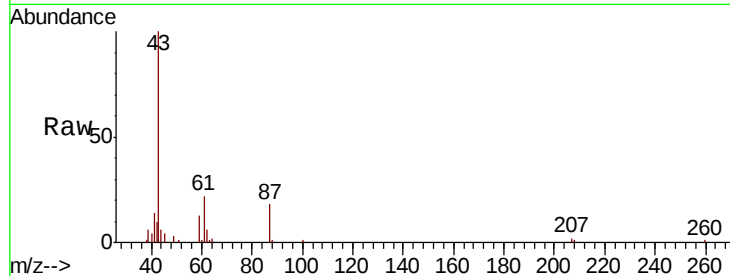
Tot Ion: 43 Resp: 20353

Ion Ratio Lower Upper

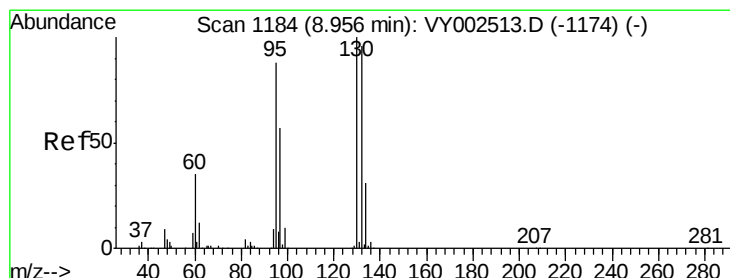
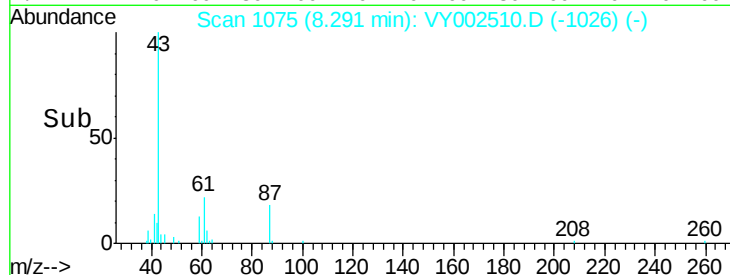
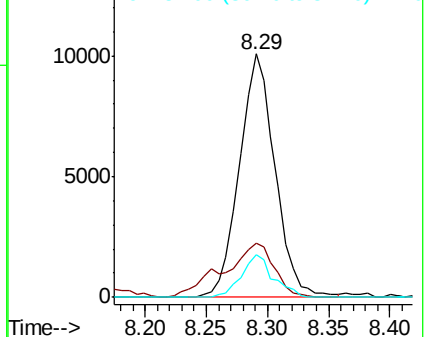
43 100

61 31.7 24.8 37.2

87 15.6 12.2 18.2



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



#44

Trichloroethene

Concen: 5.085 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002510.D

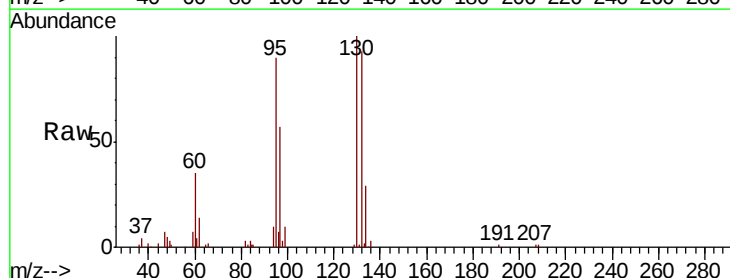
Acq: 30 Apr 2020 14:18

Tgt Ion:130 Resp: 21373

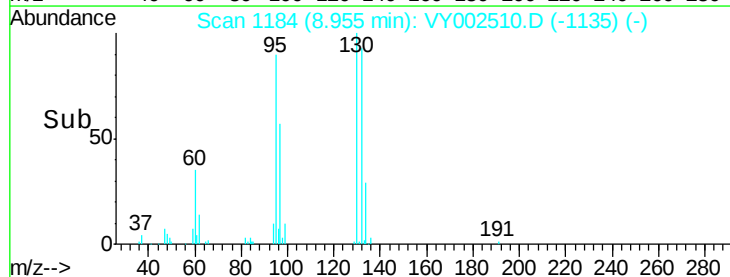
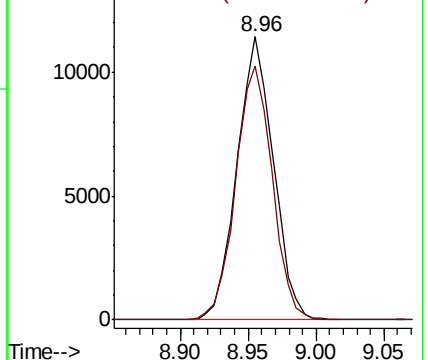
Ion Ratio Lower Upper

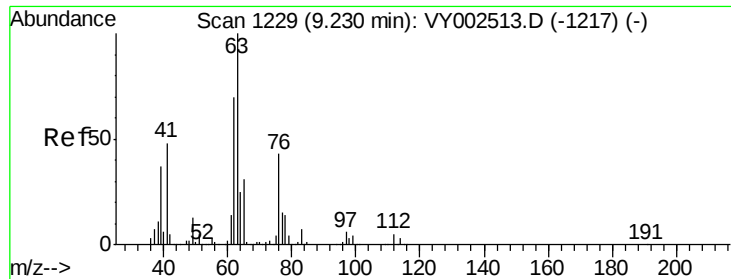
130 100

95 89.8 0.0 175.8



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

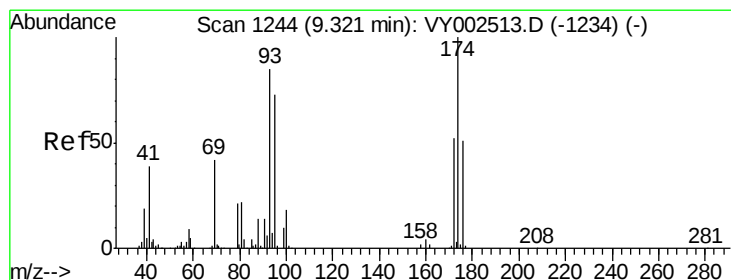
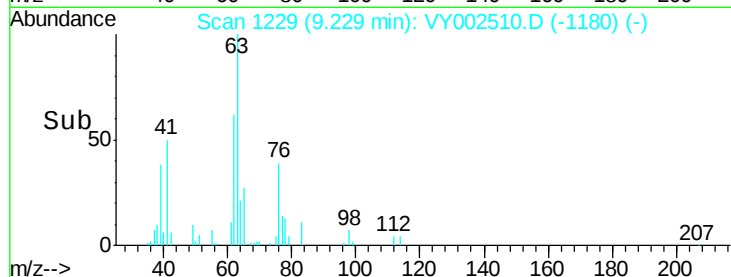
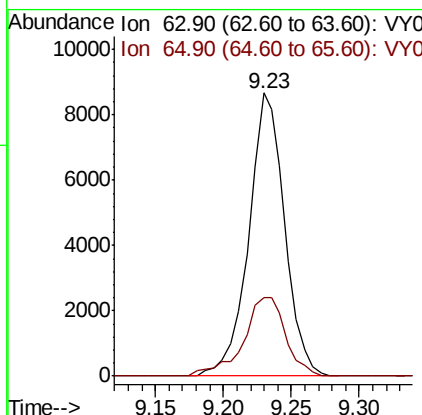
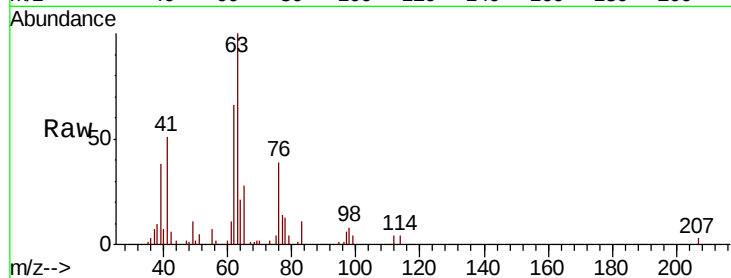




#45
 1,2-Dichloropropane
 Concen: 4.931 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

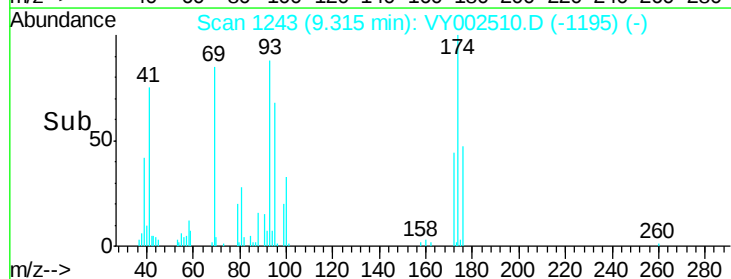
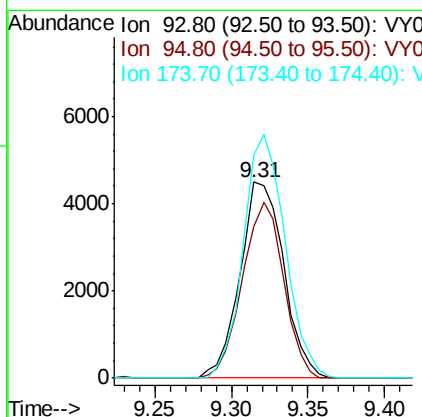
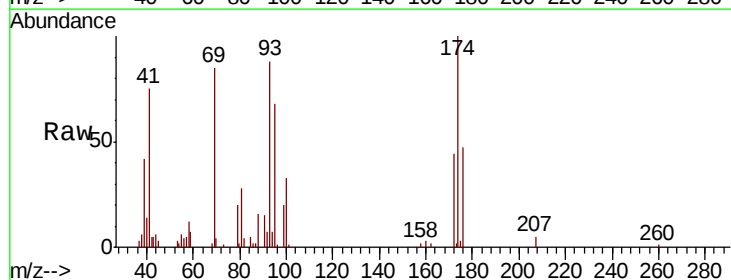
Instrument :
 MSVOA_Y
 ClientSampleId :

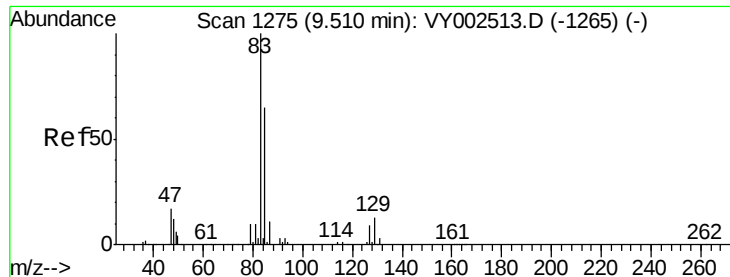
Tot Ion: 63 Resp: 16006
 Ion Ratio Lower Upper
 63 100
 65 27.6 24.5 36.7



#46
 Dibromomethane
 Concen: 4.798 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion: 93 Resp: 8960
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.4
 174 118.6 92.7 139.1





#47

Bromodichloromethane

Concen: 4.813 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampled :

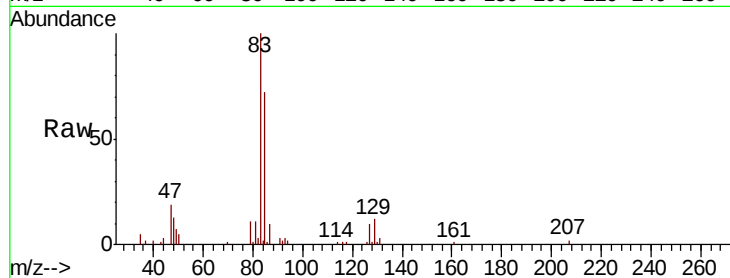
Tot Ion: 83 Resp: 21854

Ion Ratio Lower Upper

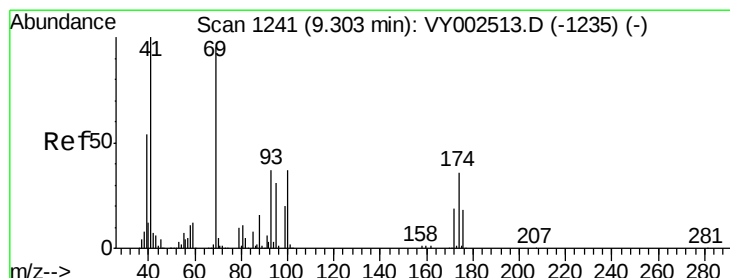
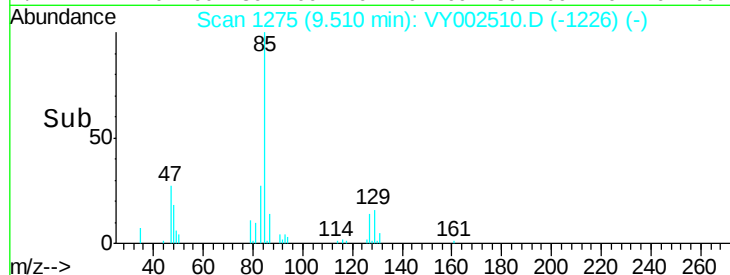
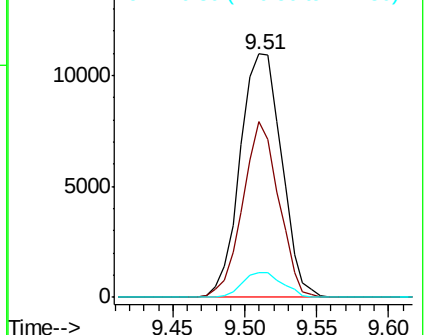
83 100

85 72.0 51.8 77.8

127 10.0 7.4 11.0



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



#48

Methyl methacrylate

Concen: 4.397 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

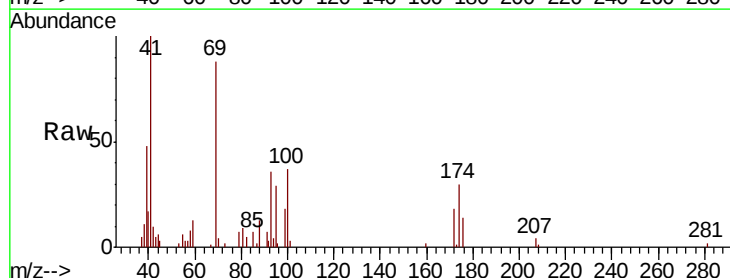
Tgt Ion: 41 Resp: 8927

Ion Ratio Lower Upper

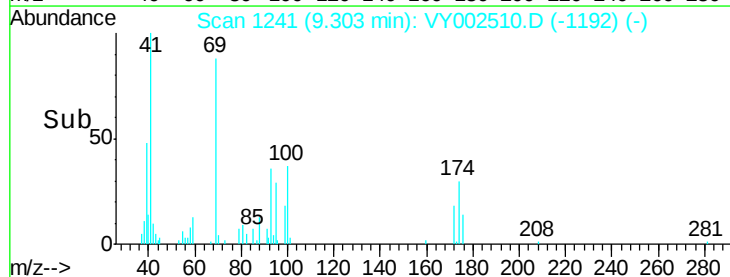
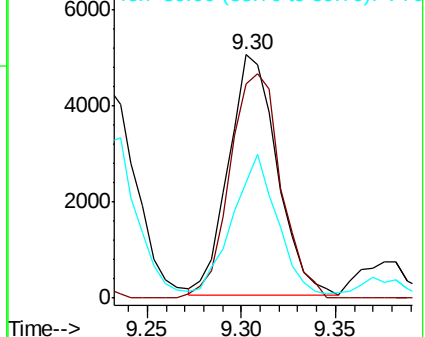
41 100

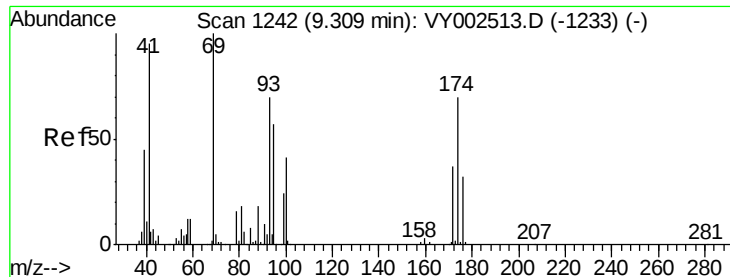
69 98.1 76.2 114.4

39 57.2 42.7 64.1



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

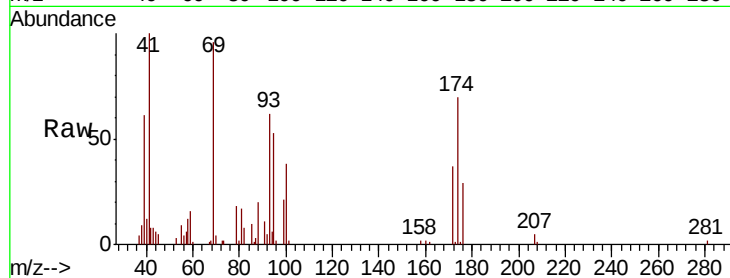




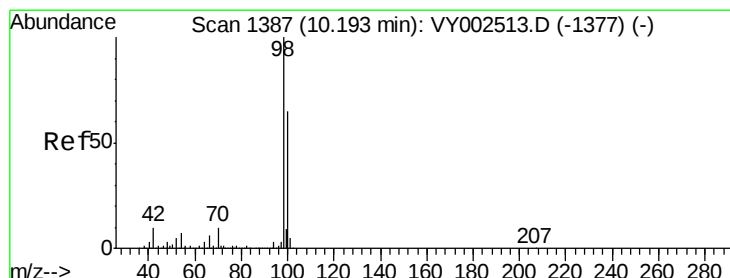
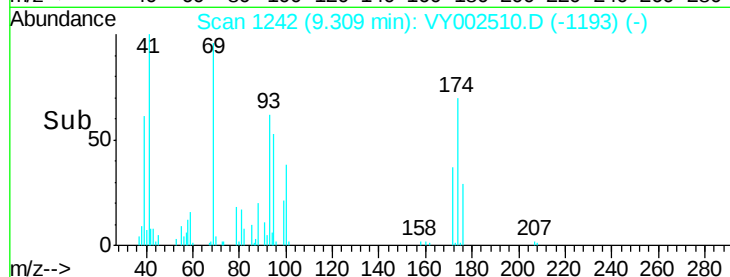
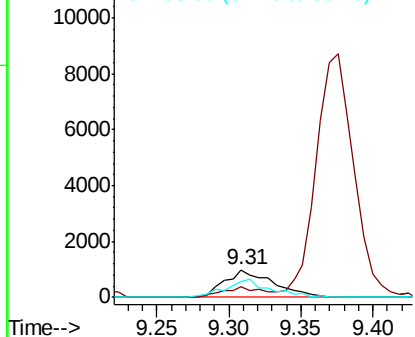
#49
1,4-Dioxane
Concen: 92.491 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 2287
Ion Ratio Lower Upper
88 100
43 32.8 22.8 34.2
58 60.2 51.4 77.2

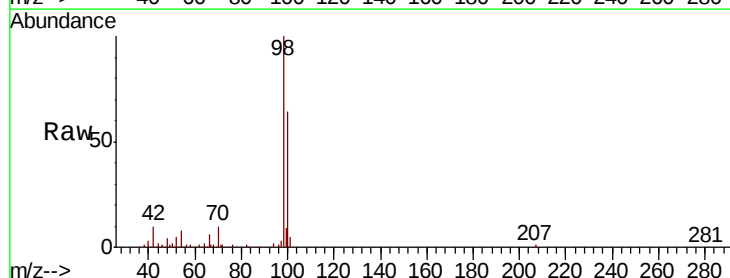


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

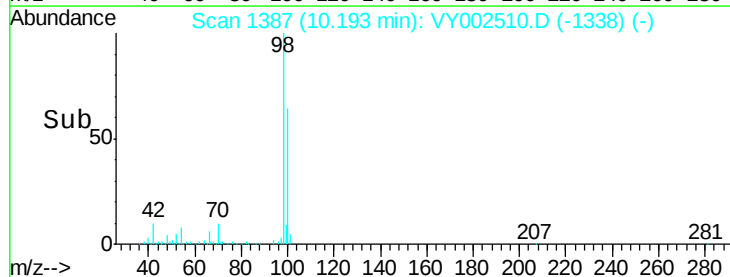
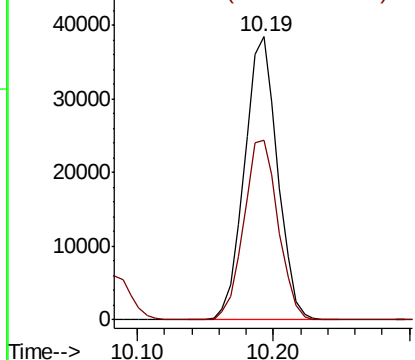


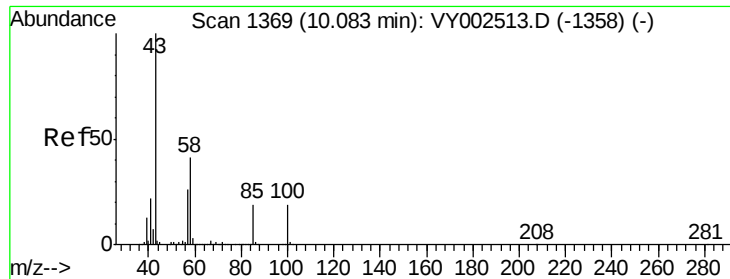
#50
Toluene-d8
Concen: 5.267 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 98 Resp: 65338
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2



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: 23.081 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

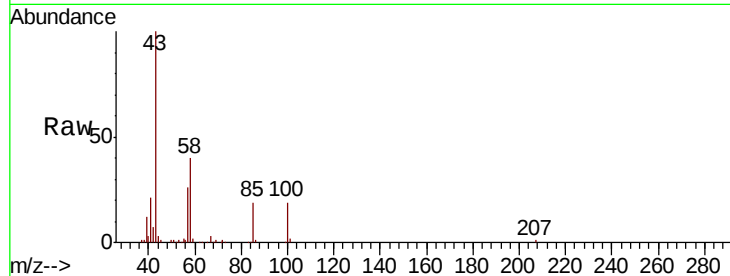
ClientSampleId :

Tot Ion: 43 Resp: 53368

Ion Ratio Lower Upper

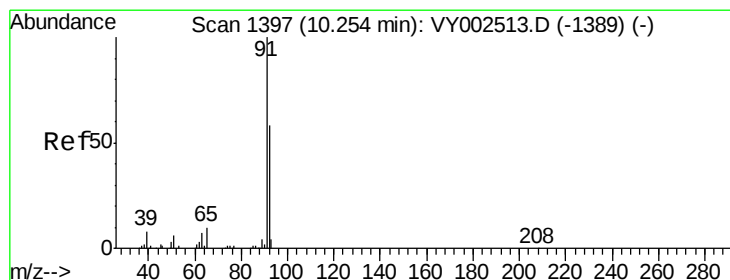
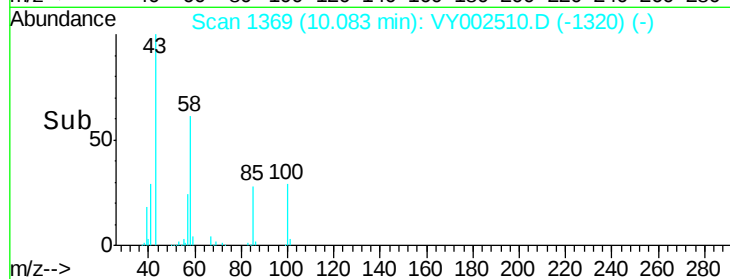
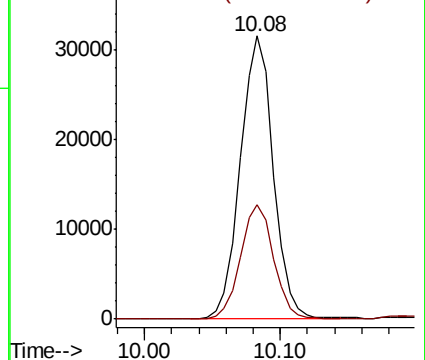
43 100

58 40.6 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 4.958 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002510.D

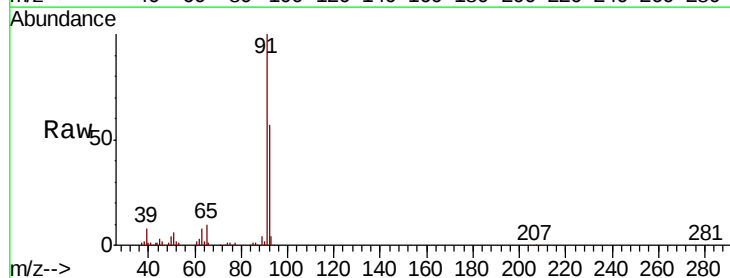
Acq: 30 Apr 2020 14:18

Tgt Ion: 92 Resp: 42851

Ion Ratio Lower Upper

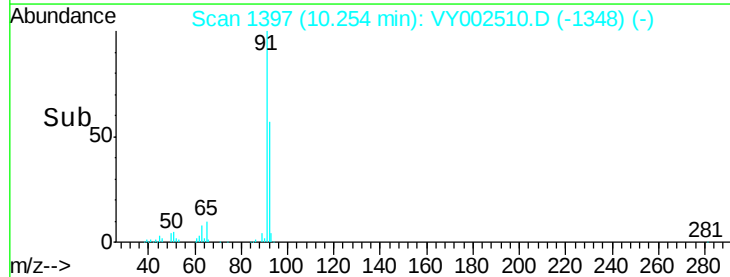
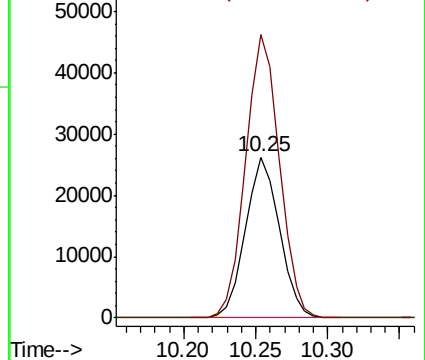
92 100

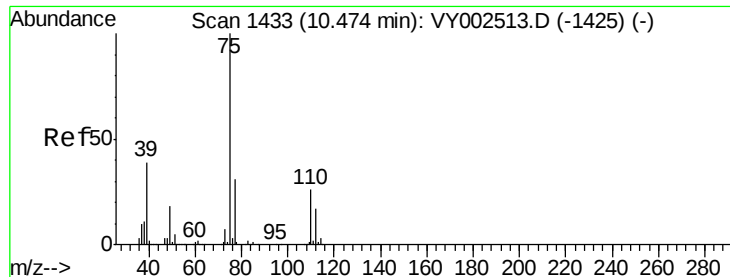
91 175.6 139.3 208.9



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: 4.659 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

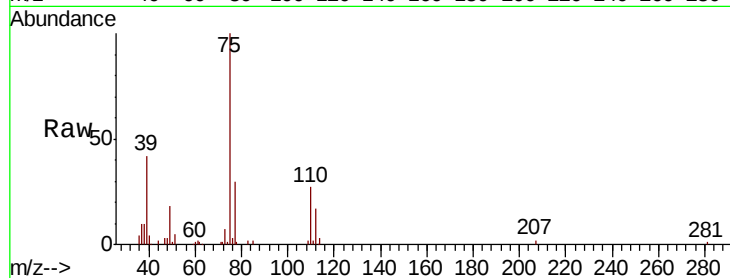
ClientSampleId :

Tot Ion: 75 Resp: 22166

Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

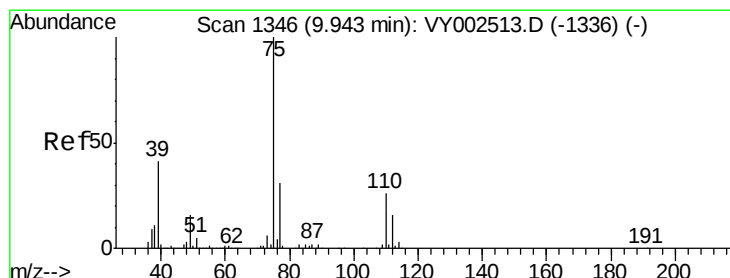
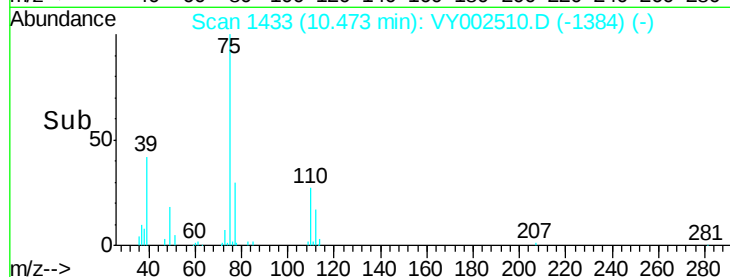
15000

10000

5000

0

Time--> 10.40 10.45 10.50 10.55



#54

cis-1,3-Dichloropropene

Concen: 4.873 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

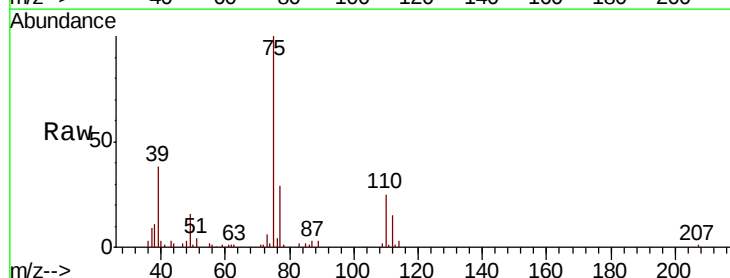
Tgt Ion: 75 Resp: 26803

Ion Ratio Lower Upper

75 100

77 29.1 25.1 37.7

39 38.1 32.7 49.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

20000

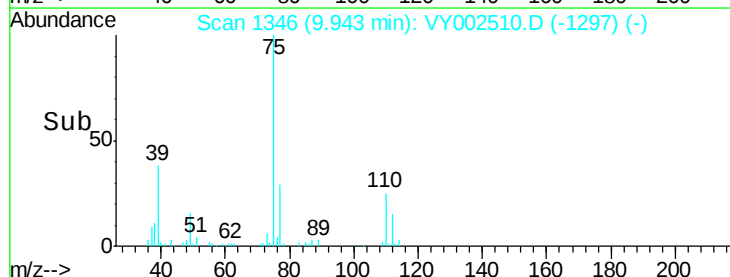
15000

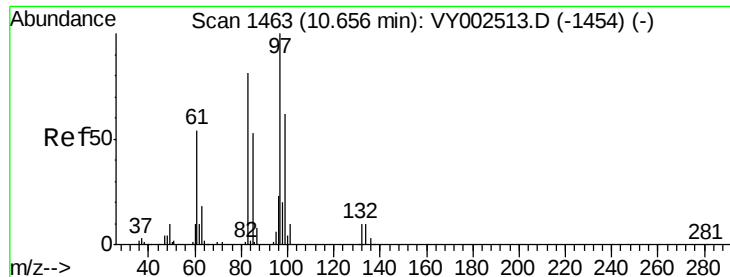
10000

5000

0

Time--> 9.85 9.90 9.95 10.00





#55

1,1,2-Trichloroethane

Concen: 4.880 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 13290

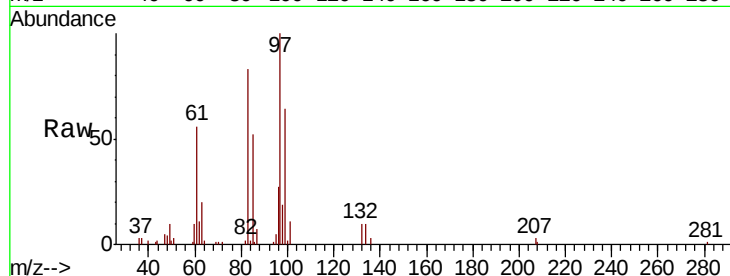
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.1	97.7
85	52.4	42.7	64.1
99	64.4	50.0	75.0

97 100

83 82.8 65.1 97.7

85 52.4 42.7 64.1

99 64.4 50.0 75.0



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

12000

10000

8000

6000

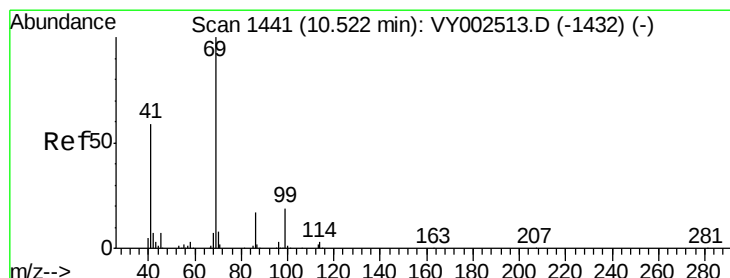
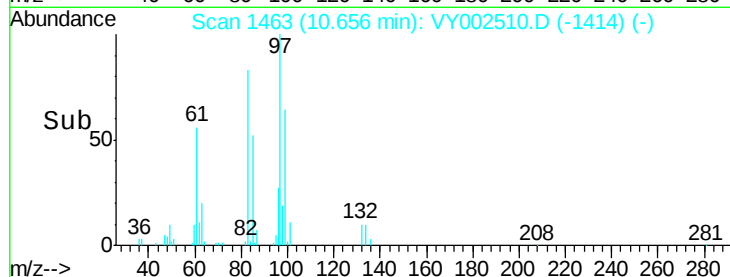
4000

2000

0

10.66

Time-->



#56

Ethyl methacrylate

Concen: 4.538 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

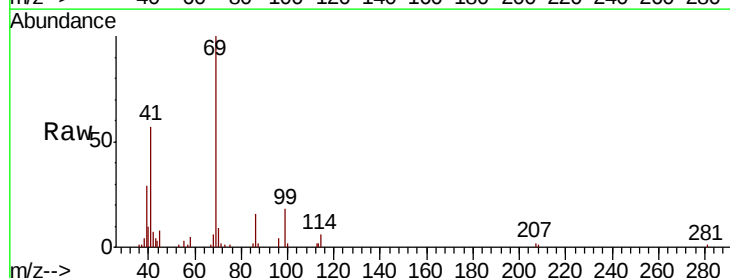
Tgt Ion: 69 Resp: 16441

Ion	Ratio	Lower	Upper
69	100		
41	60.8	48.6	73.0
39	30.5	25.0	37.4

69 100

41 60.8 48.6 73.0

39 30.5 25.0 37.4



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

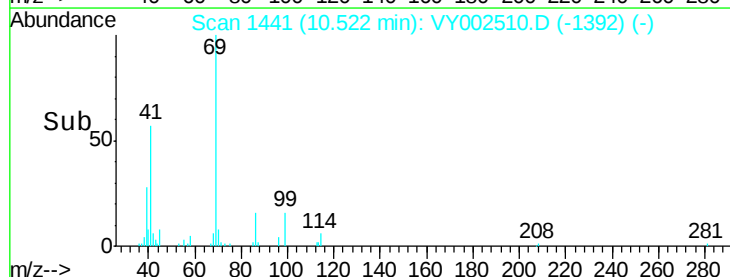
10000

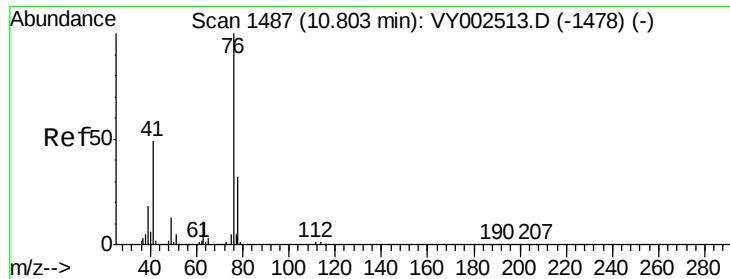
5000

0

10.52

Time-->





#57

1,3-Dichloropropane

Concen: 4.803 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

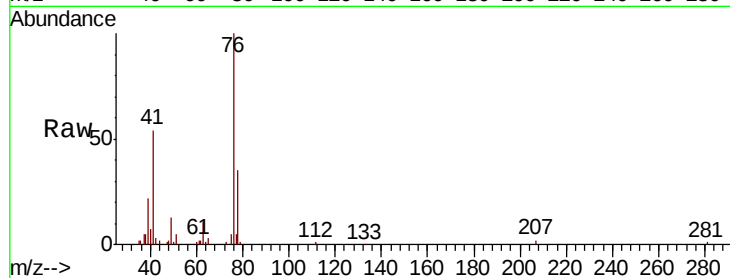
ClientSampleId :

Tot Ion: 76 Resp: 22180

Ion Ratio Lower Upper

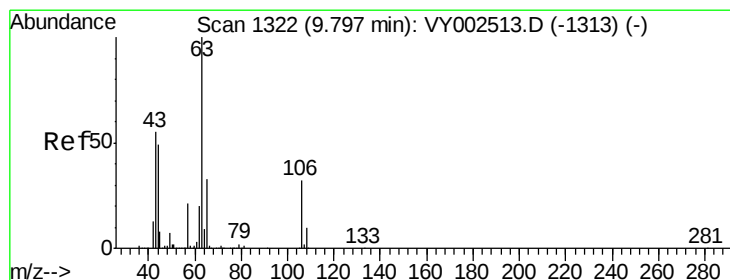
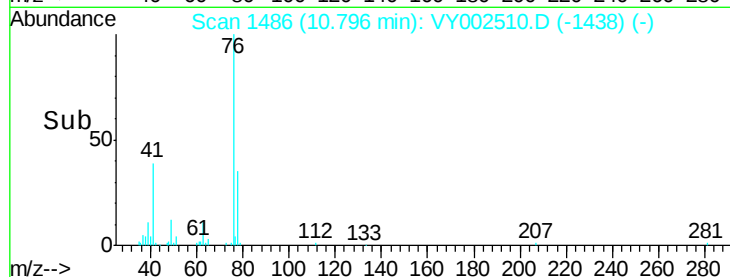
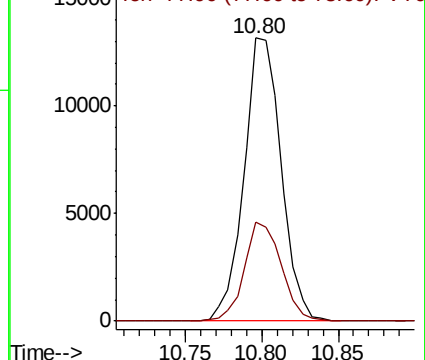
76 100

78 34.8 25.4 38.2



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: 24.108 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002510.D

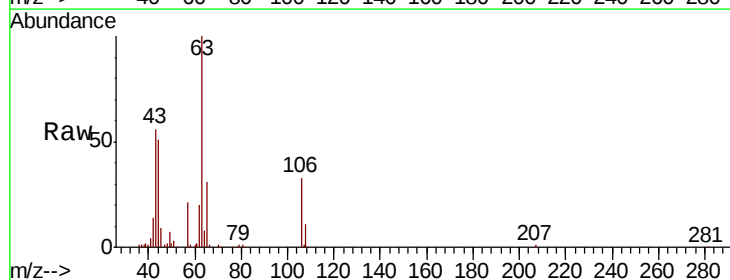
Acq: 30 Apr 2020 14:18

Tgt Ion: 63 Resp: 46059

Ion Ratio Lower Upper

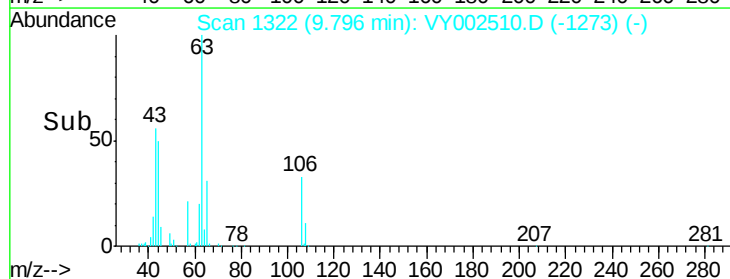
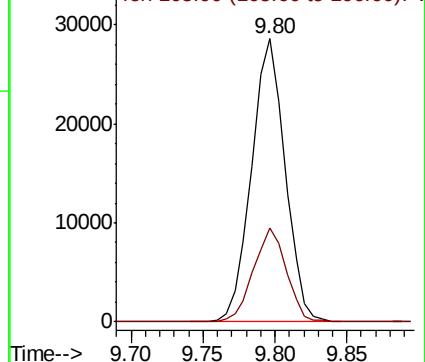
63 100

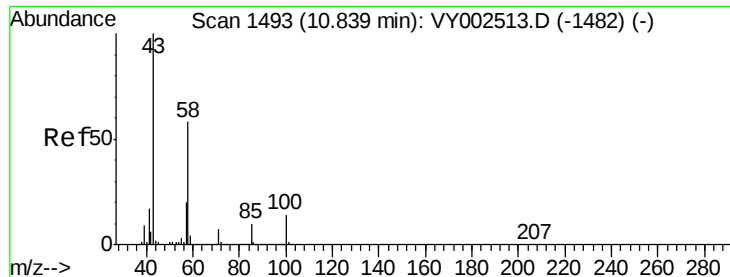
106 32.3 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

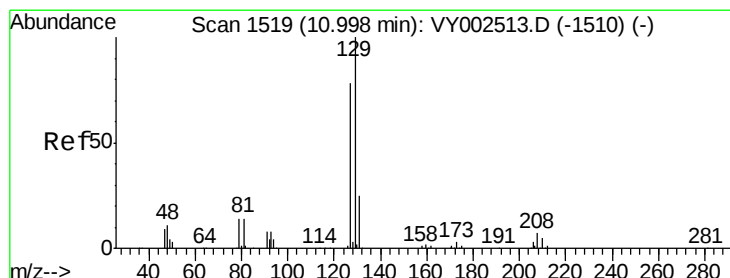
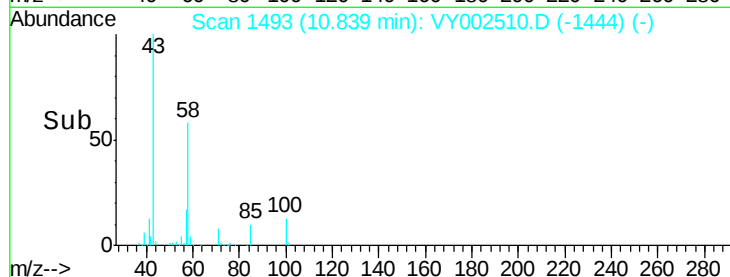
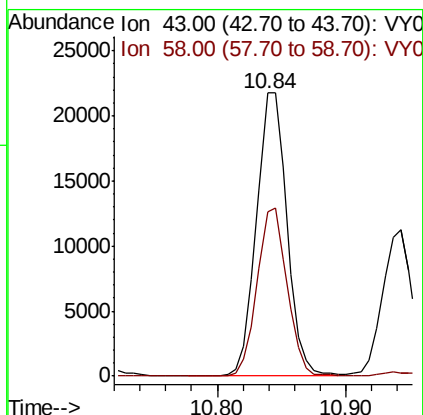
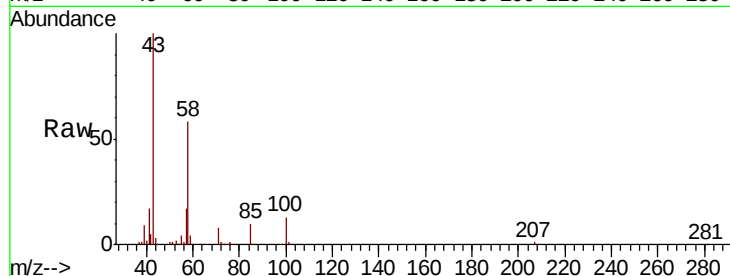




#59
2-Hexanone
Concen: 22.369 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

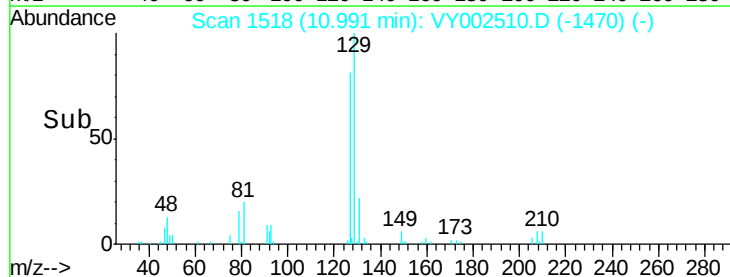
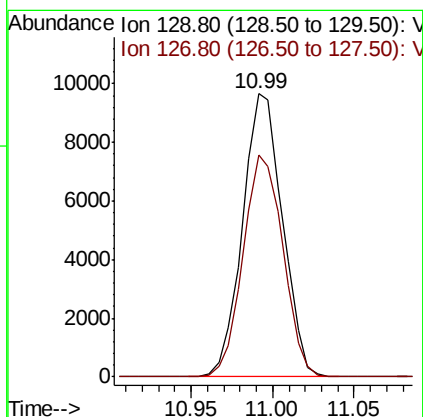
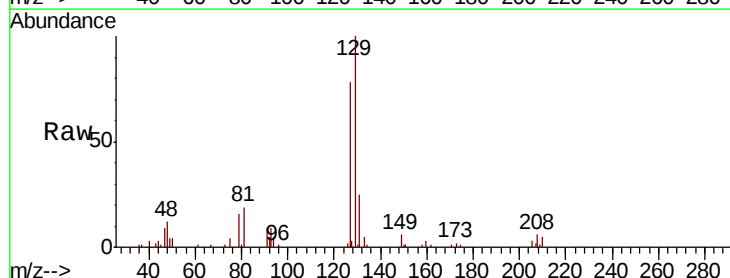
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 35599
Ion Ratio Lower Upper
43 100
58 58.3 29.1 87.3



#60
Dibromochloromethane
Concen: 4.753 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 129 Resp: 16464
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

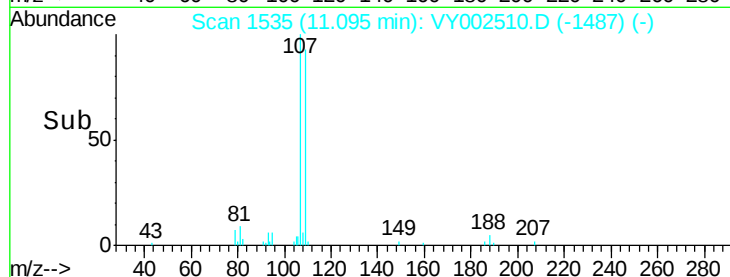
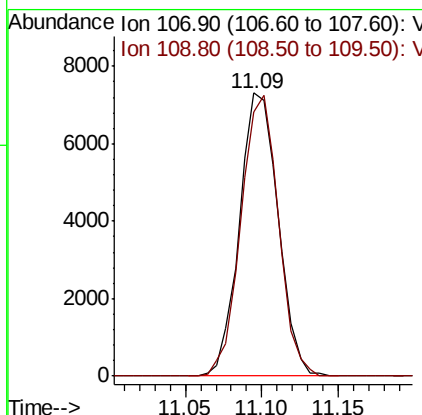
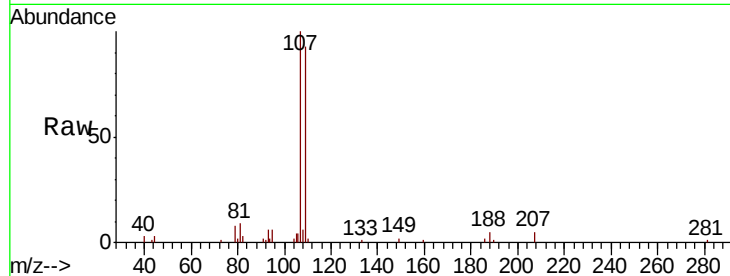




#61
 1,2-Dibromoethane
 Concen: 4.763 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

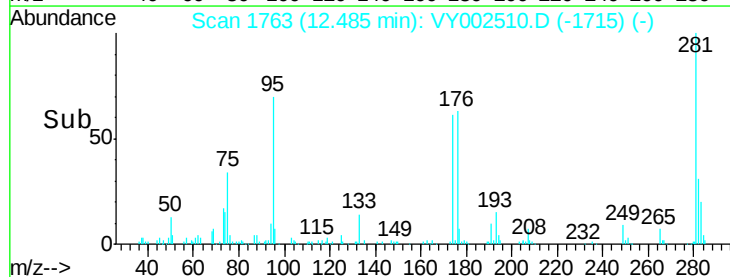
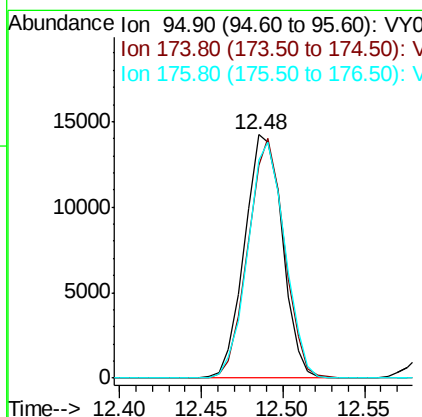
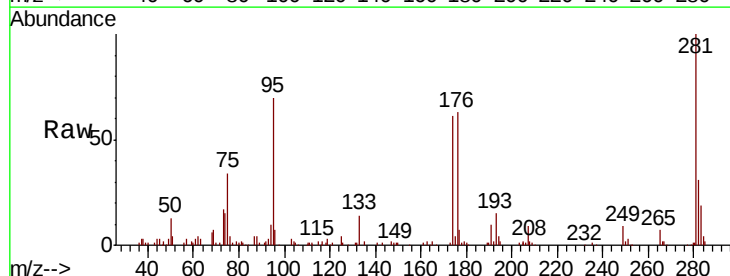
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 12844
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 5.454 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion: 95 Resp: 22957
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 188.8
 176 95.1 0.0 183.2

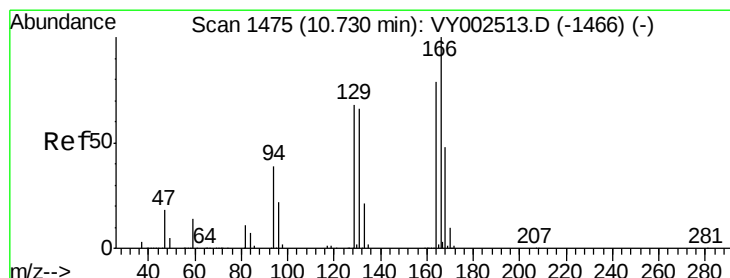
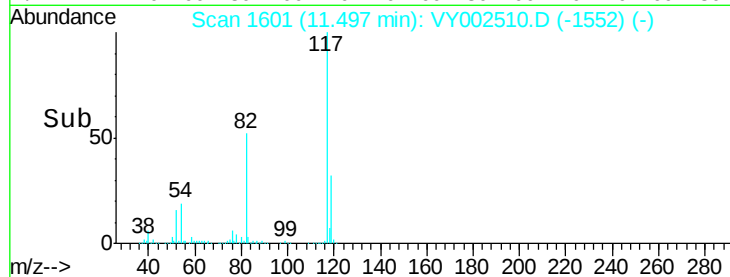
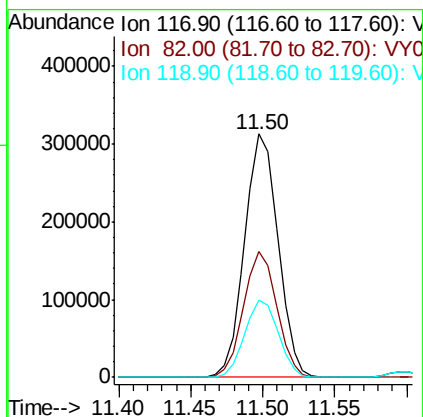
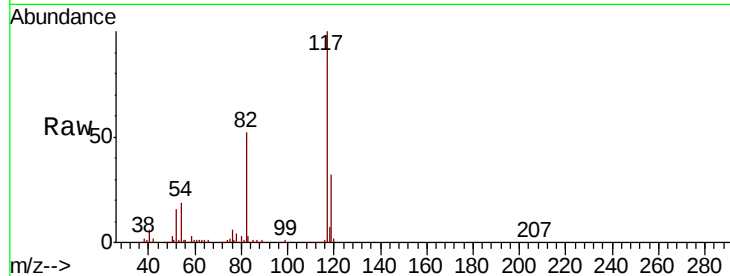




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

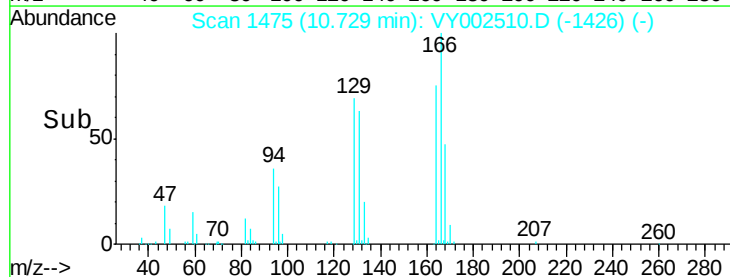
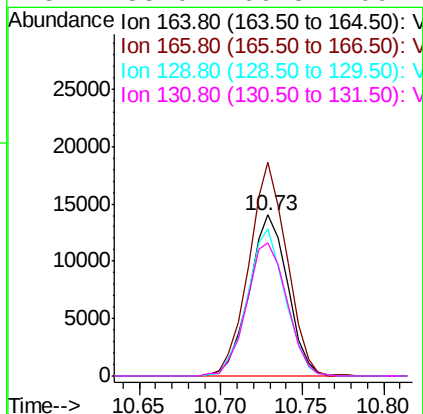
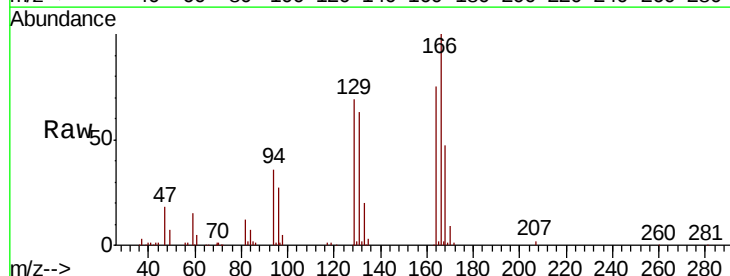
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 502958
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 5.155 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion:164 Resp: 23037
Ion Ratio Lower Upper
164 100
166 132.7 100.7 151.1
129 91.6 68.3 102.5
131 83.0 66.8 100.2

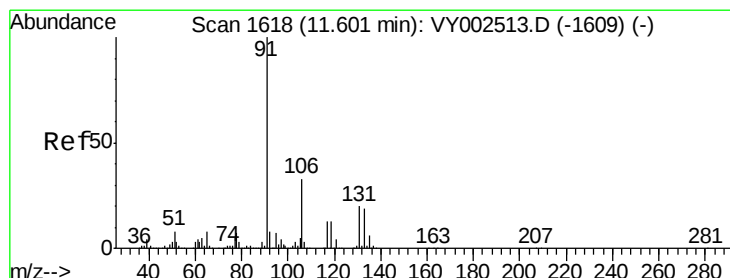
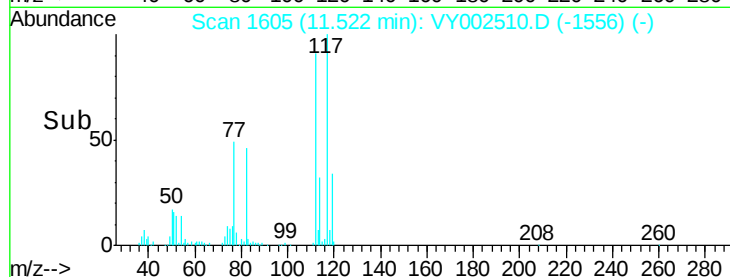
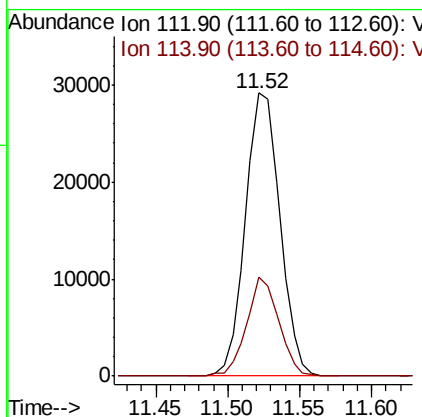
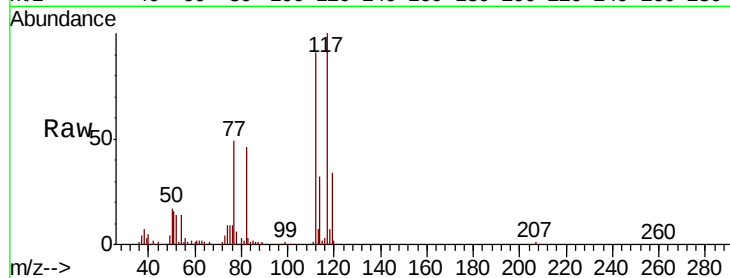




#65
Chlorobenzene
Concen: 5.065 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

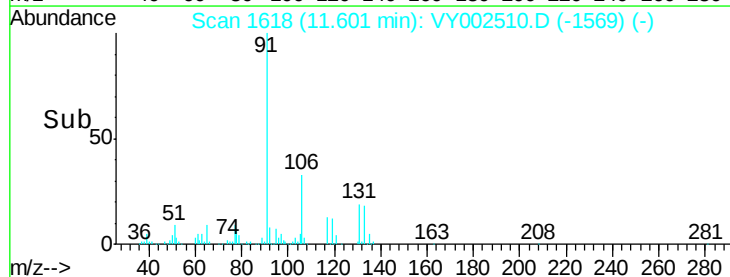
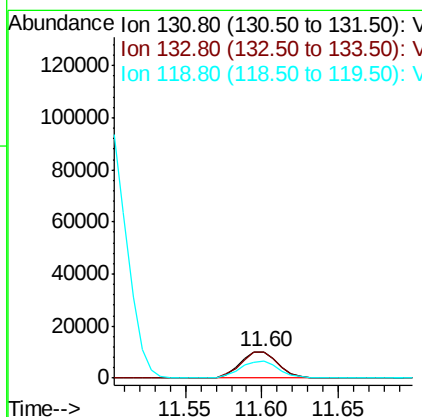
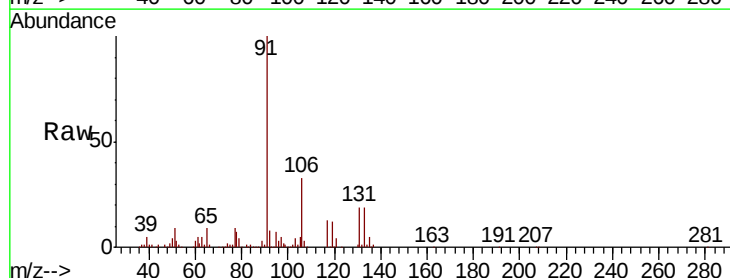
Instrument :
MSVOA_Y
ClientSampleId :

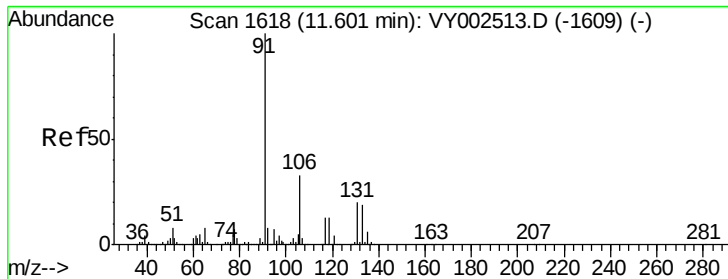
Tot Ion:112 Resp: 48427
Ion Ratio Lower Upper
112 100
114 34.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.871 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion:131 Resp: 17287
Ion Ratio Lower Upper
131 100
133 98.4 48.1 144.4
119 65.1 31.6 95.0





#67

Ethyl Benzene

Concen: 4.982 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

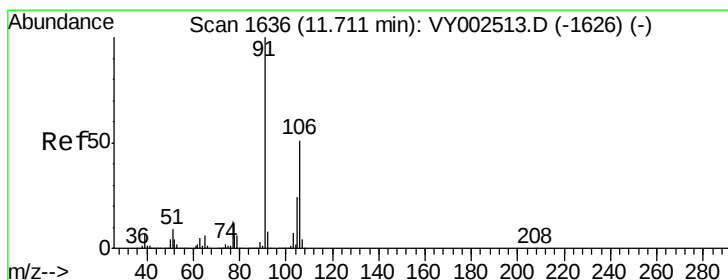
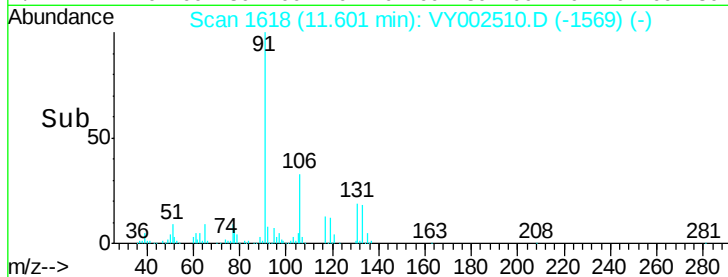
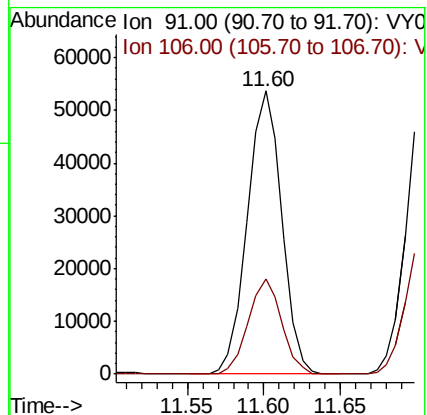
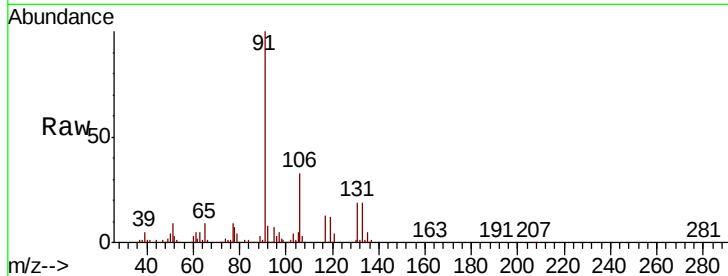
ClientSampleId :

Tot Ion: 91 Resp: 83678

Ion Ratio Lower Upper

91 100

106 33.4 26.1 39.1



#68

m/p-Xylenes

Concen: 10.094 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002510.D

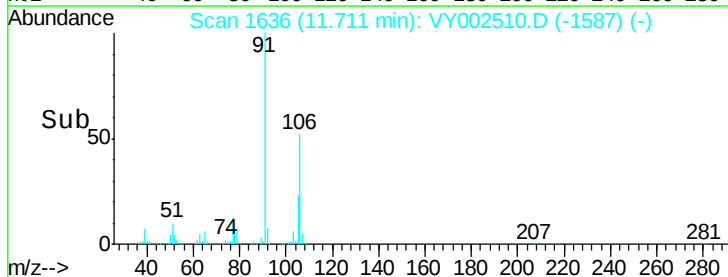
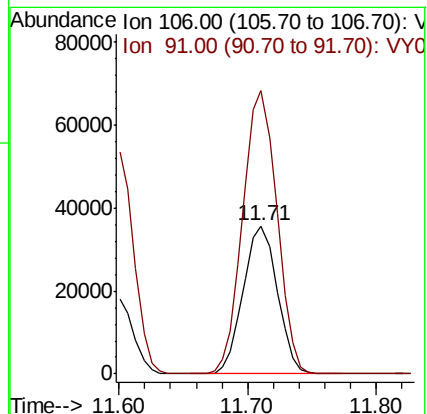
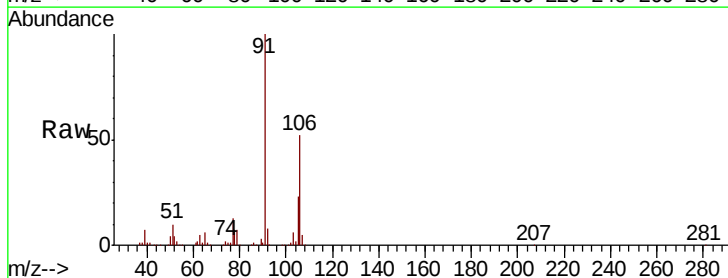
Acq: 30 Apr 2020 14:18

Tgt Ion: 106 Resp: 65592

Ion Ratio Lower Upper

106 100

91 191.8 155.2 232.8

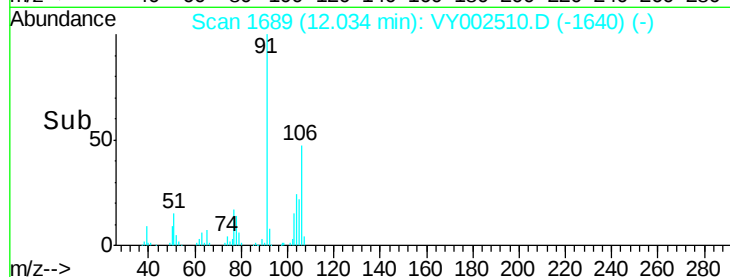
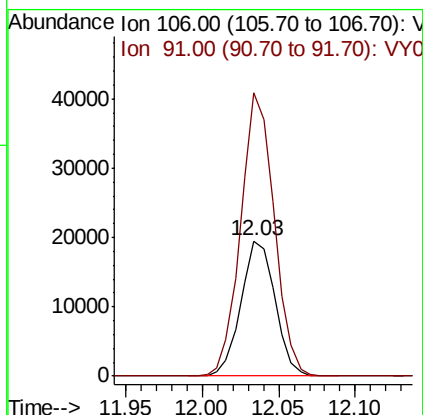
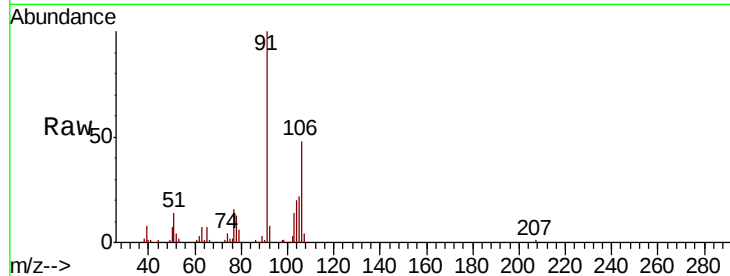




#69
o-Xylene
Concen: 4.971 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

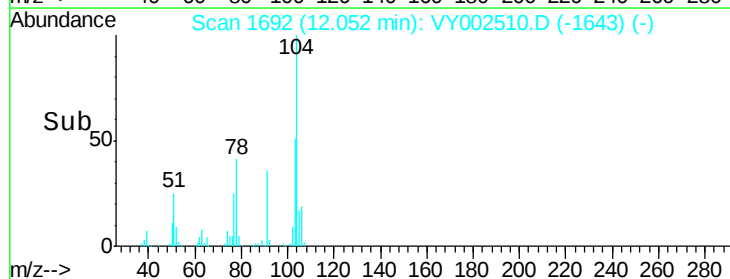
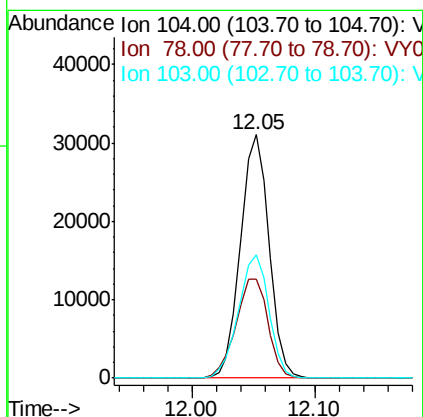
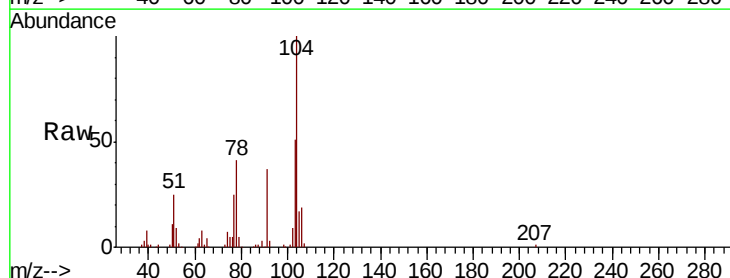
Instrument :
MSVOA_Y
ClientSampled :

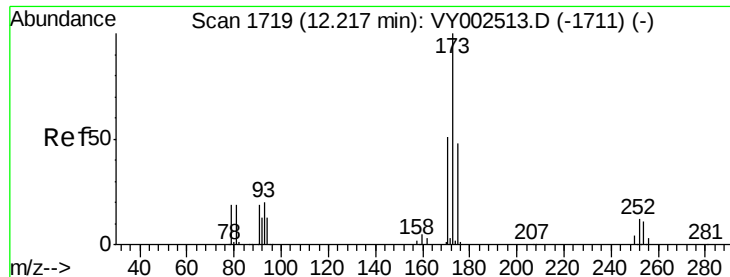
Tot Ion:106 Resp: 30247
Ion Ratio Lower Upper
106 100
91 205.4 103.8 311.3



#70
Styrene
Concen: 4.831 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion:104 Resp: 50255
Ion Ratio Lower Upper
104 100
78 45.5 37.4 56.0
103 54.5 43.9 65.9





#71

Bromoform

Concen: 4.564 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

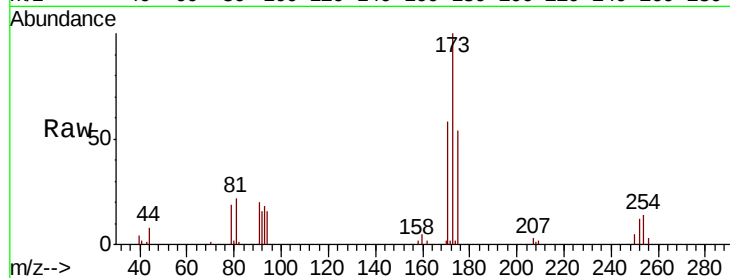
Tot Ion:173 Resp: 10053

Ion Ratio Lower Upper

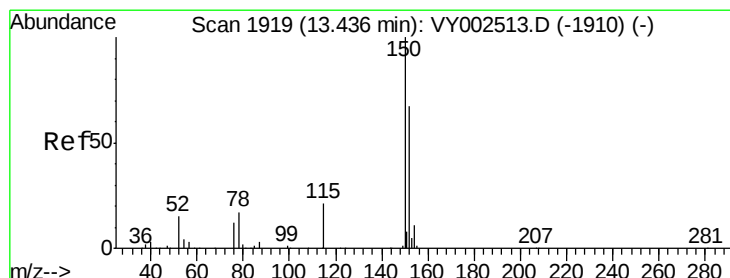
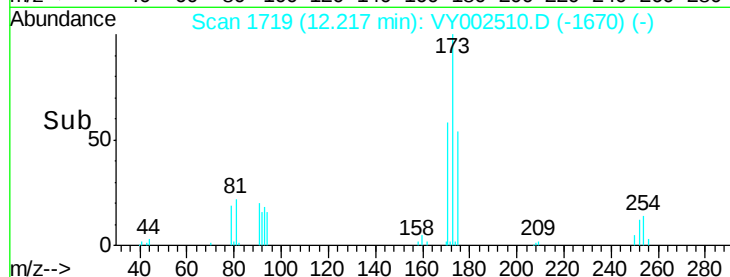
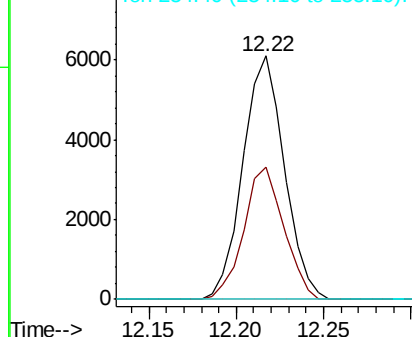
173 100

175 52.3 24.3 72.8

254 0.0 0.2 0.2#



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. -0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

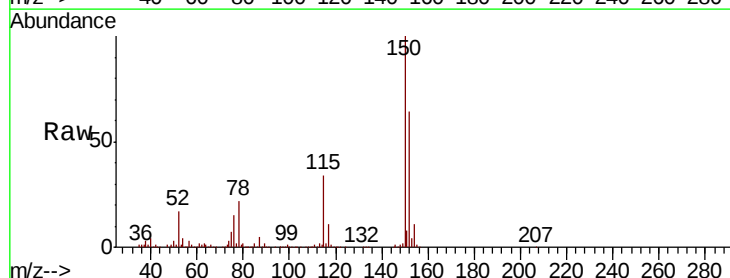
Tgt Ion:152 Resp: 264153

Ion Ratio Lower Upper

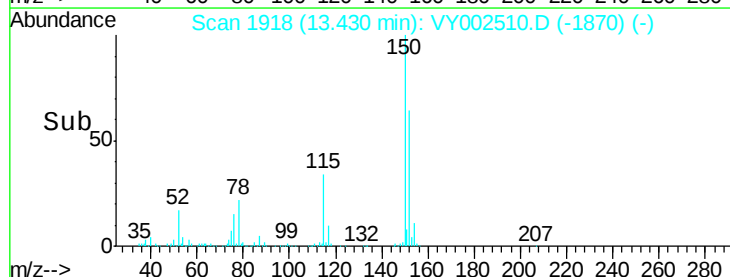
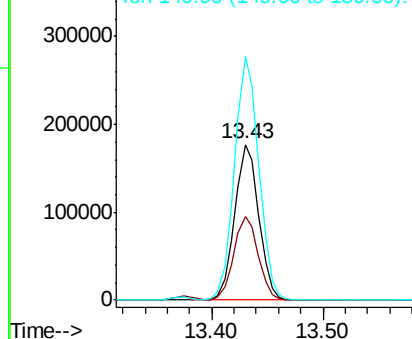
152 100

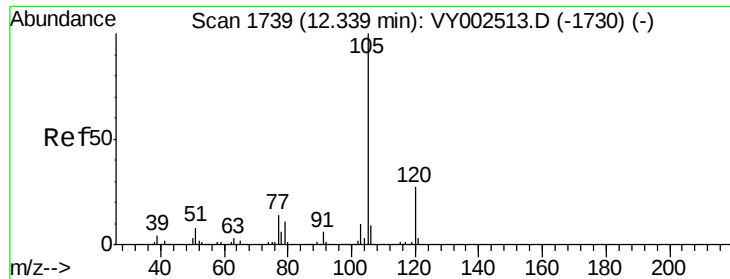
115 54.7 27.5 82.4

150 158.3 0.0 346.4



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: 4.890 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

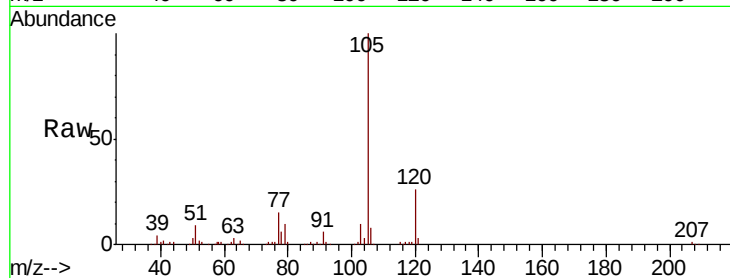
ClientSampleId :

Tot Ion:105 Resp: 83717

Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

60000

50000

40000

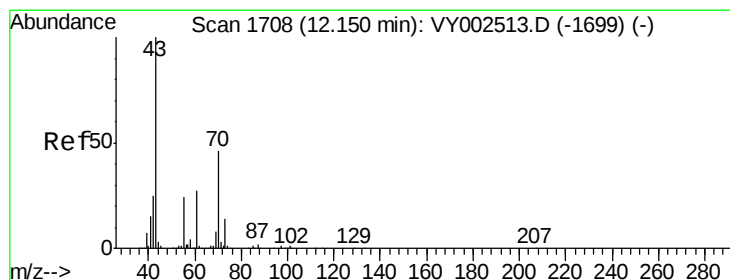
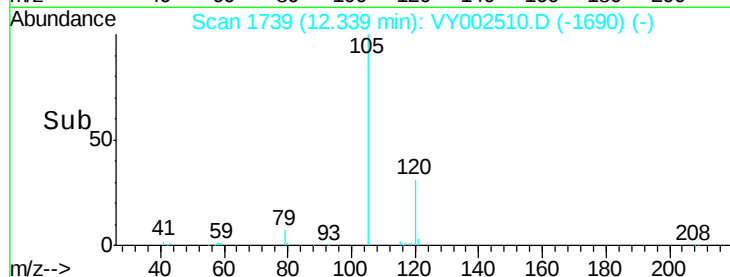
30000

20000

10000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 4.318 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Tgt Ion: 43 Resp: 17784

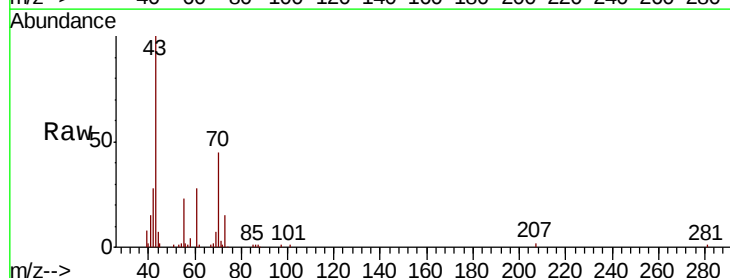
Ion Ratio Lower Upper

43 100

70 47.6 36.7 55.1

55 25.9 19.2 28.8

61 26.1 21.1 31.7



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

20000

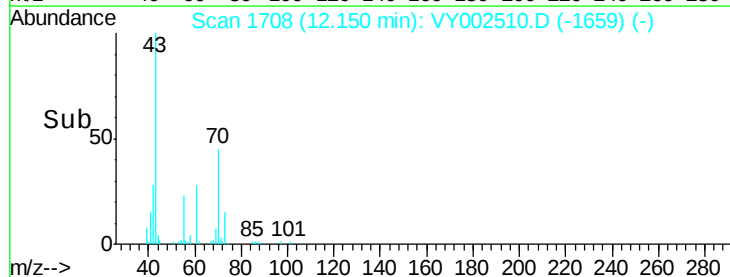
15000

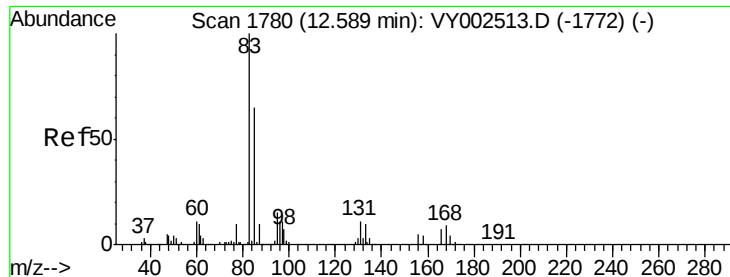
10000

5000

0

Time--> 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 4.608 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampled :

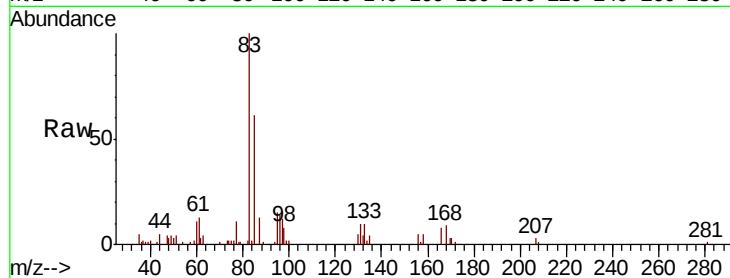
Tot Ion: 83 Resp: 12546

Ion Ratio Lower Upper

83 100

131 10.3 5.9 17.8

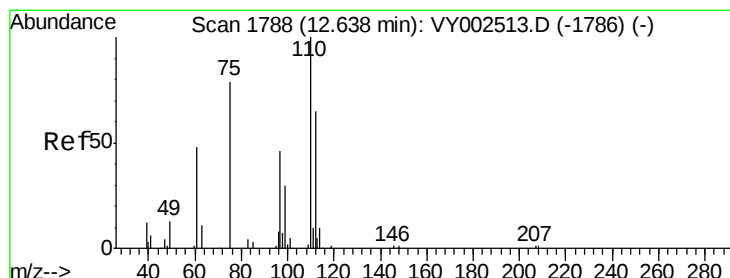
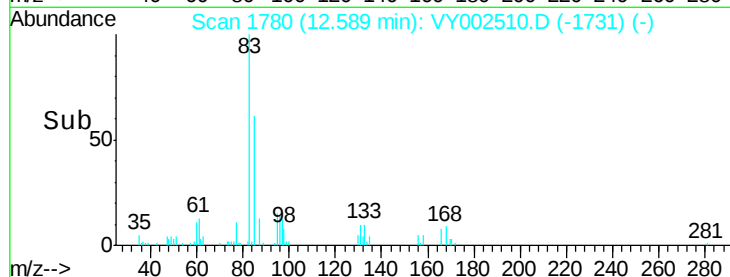
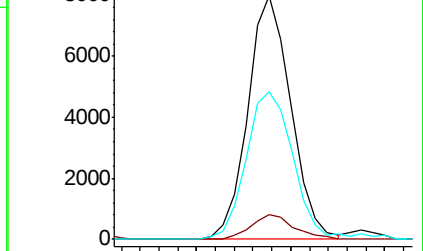
85 65.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002510.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002510.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002510.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 4.801 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002510.D

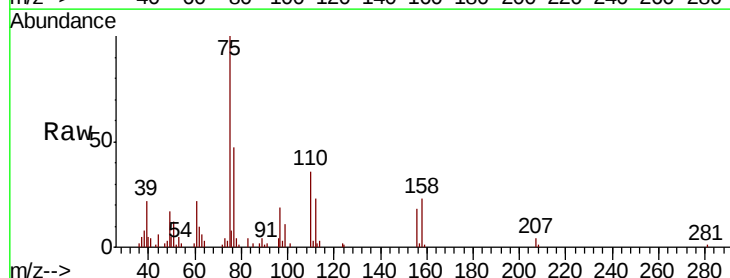
Acq: 30 Apr 2020 14:18

Tgt Ion: 75 Resp: 11319

Ion Ratio Lower Upper

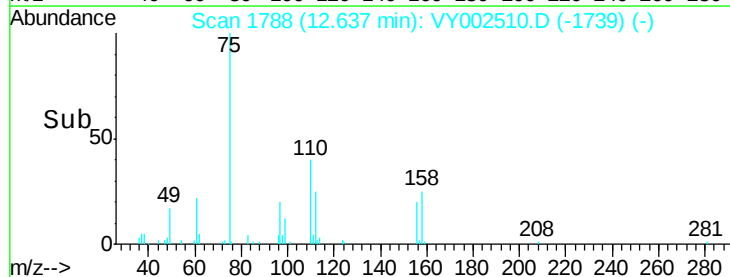
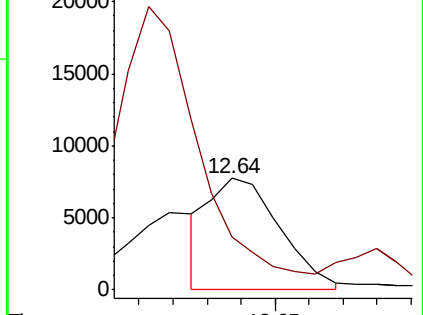
75 100

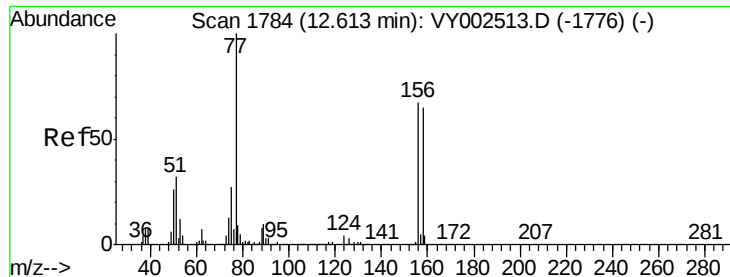
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002510.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002510.D (-1739) (-)





#77

Bromobenzene

Concen: 4.990 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

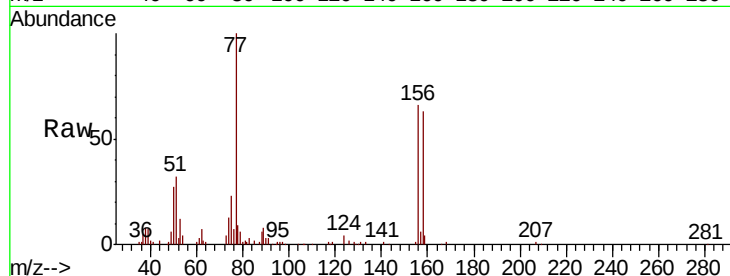
Tot Ion:156 Resp: 21341

Ion Ratio Lower Upper

156 100

77 161.4 82.0 245.8

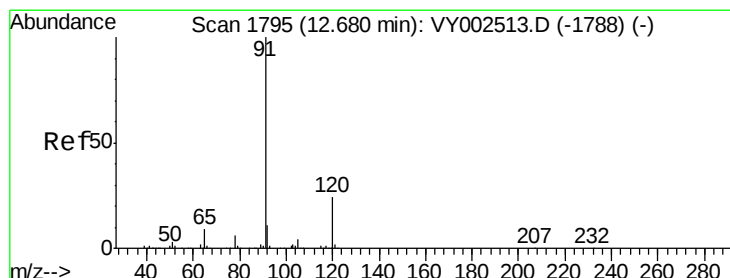
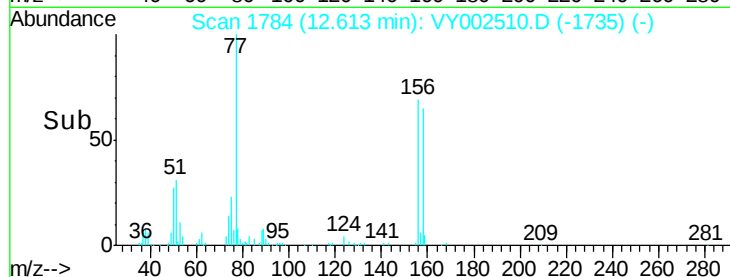
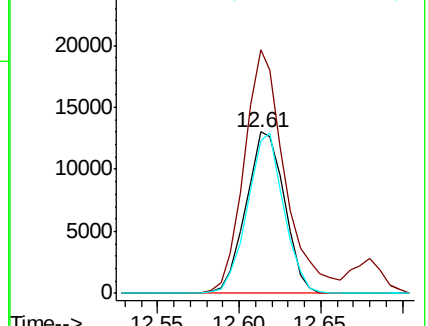
158 94.2 48.5 145.6



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: 4.941 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002510.D

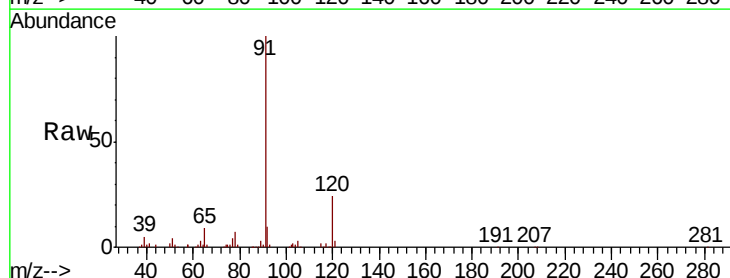
Acq: 30 Apr 2020 14:18

Tgt Ion: 91 Resp: 98165

Ion Ratio Lower Upper

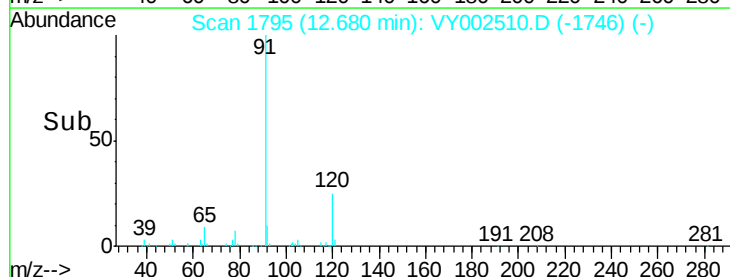
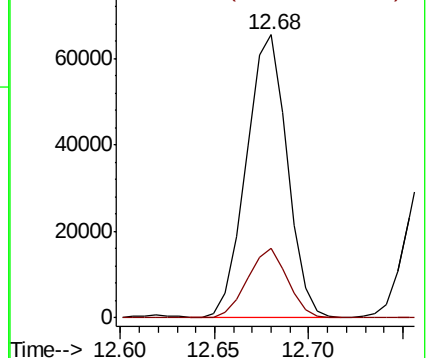
91 100

120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

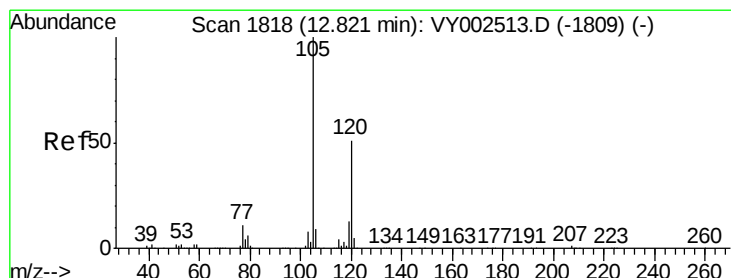
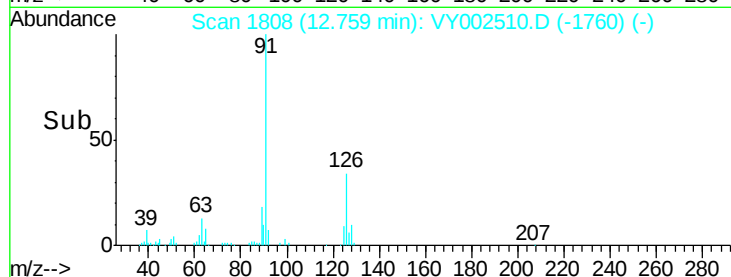
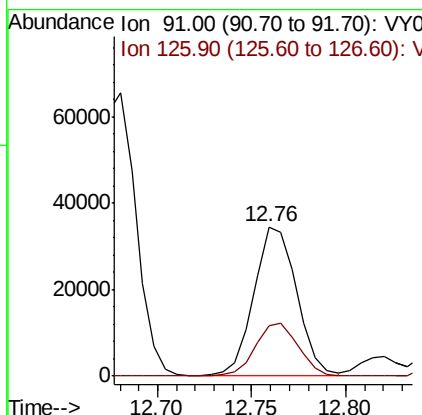
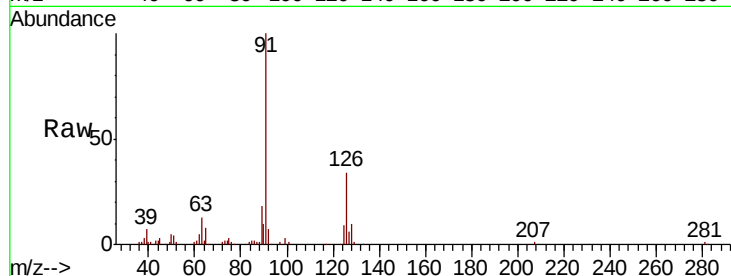




#79
 2-Chlorotoluene
 Concen: 4.956 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

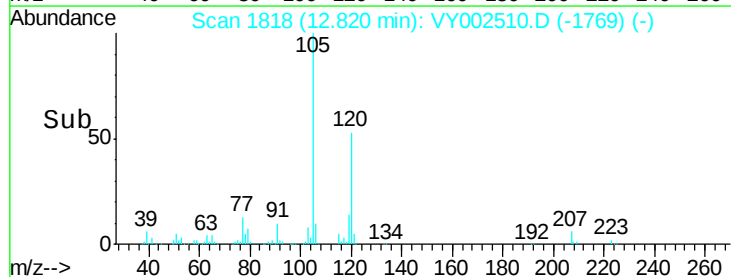
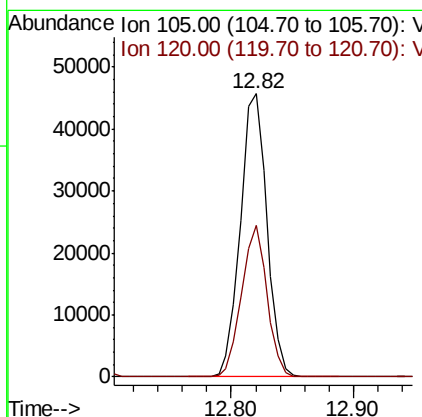
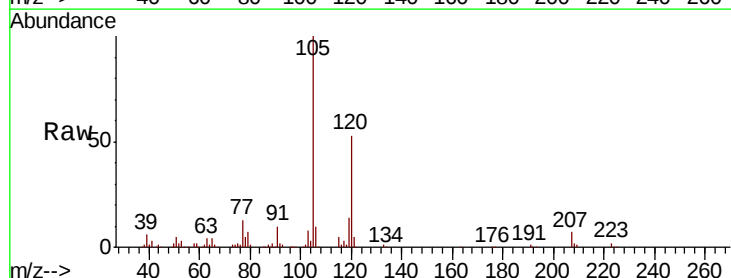
Instrument :
 MSVOA_Y
 ClientSampleId :

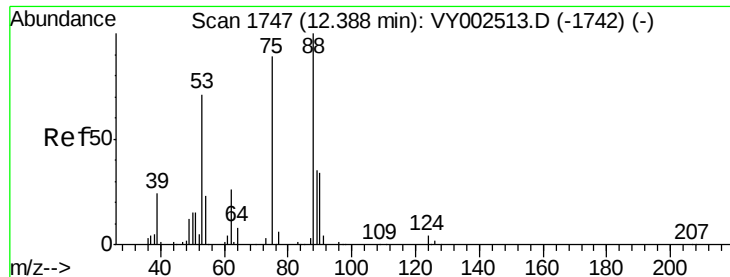
Tot Ion: 91 Resp: 54537
 Ion Ratio Lower Upper
 91 100
 126 35.7 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 4.843 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion: 105 Resp: 68725
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 4.738 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

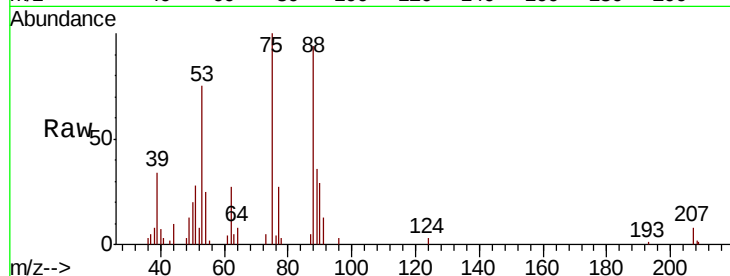
Tot Ion: 75 Resp: 5547

Ion Ratio Lower Upper

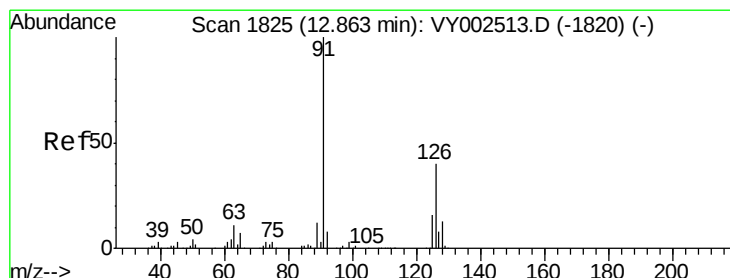
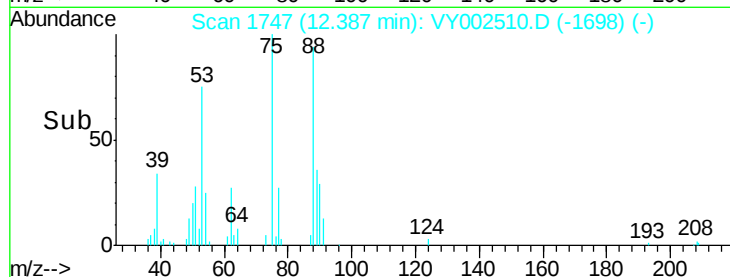
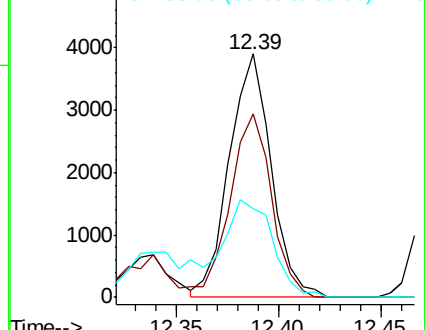
75 100

53 75.4 67.4 101.0

89 46.1 37.4 56.0



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: 5.032 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002510.D

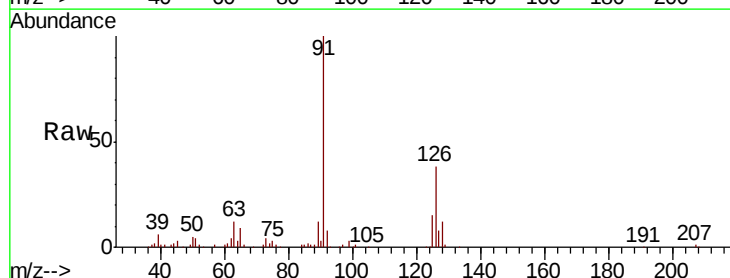
Acq: 30 Apr 2020 14:18

Tgt Ion: 91 Resp: 58165

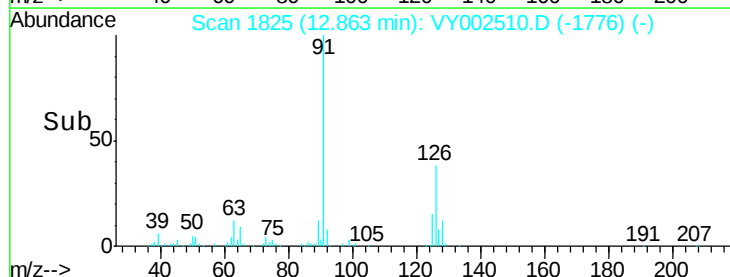
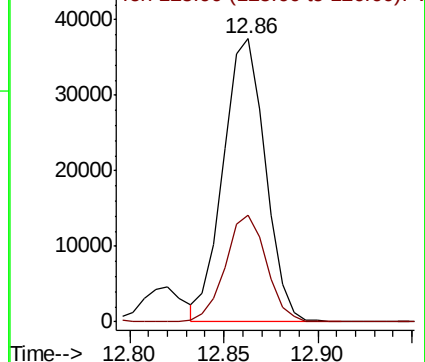
Ion Ratio Lower Upper

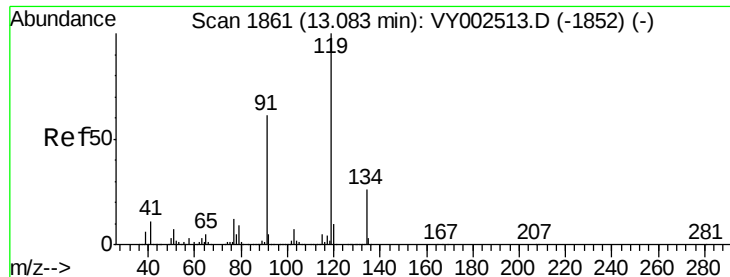
91 100

126 36.6 18.5 55.5



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

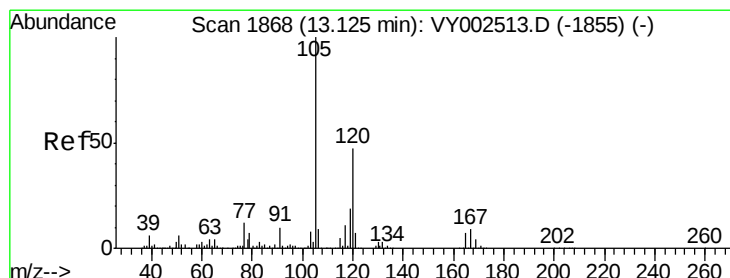
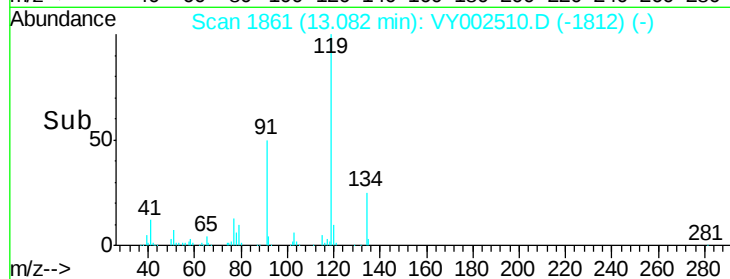
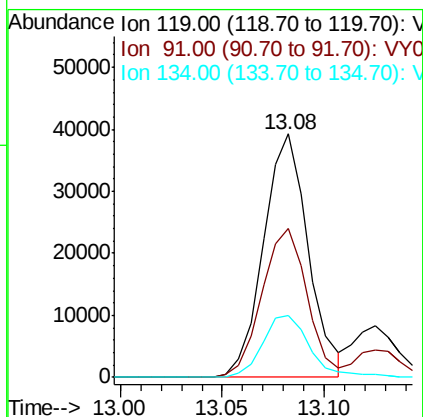
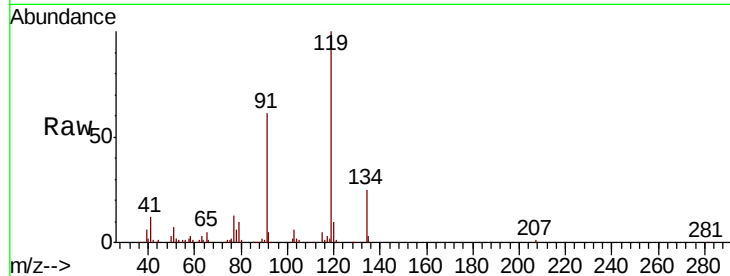




#83
tert-Butylbenzene
Concen: 4.819 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

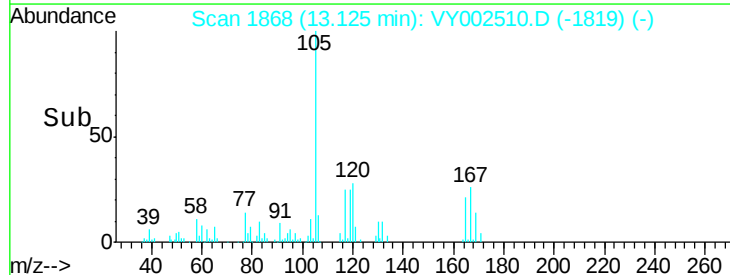
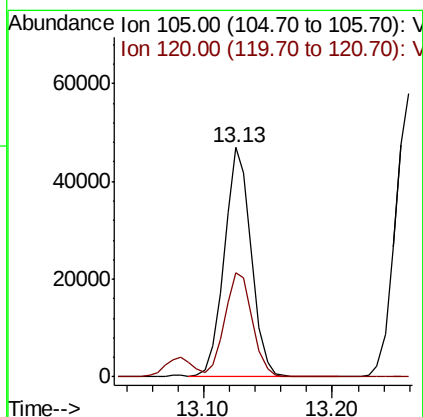
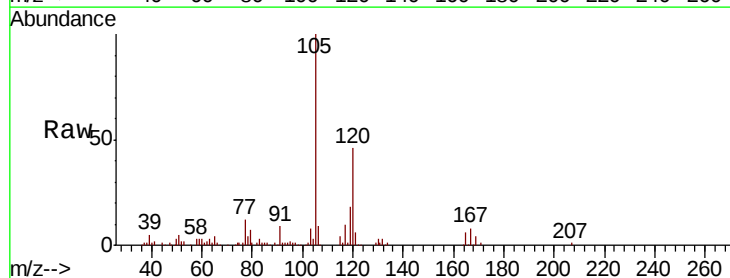
Instrument :
MSVOA_Y
ClientSampleId :

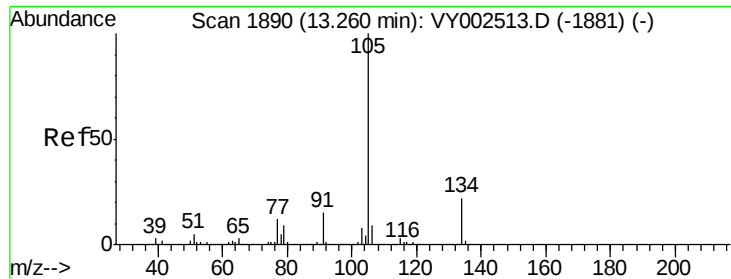
Tot Ion:119 Resp: 59959
Ion Ratio Lower Upper
119 100
91 61.9 30.6 91.6
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 4.858 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion:105 Resp: 68705
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 4.982 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

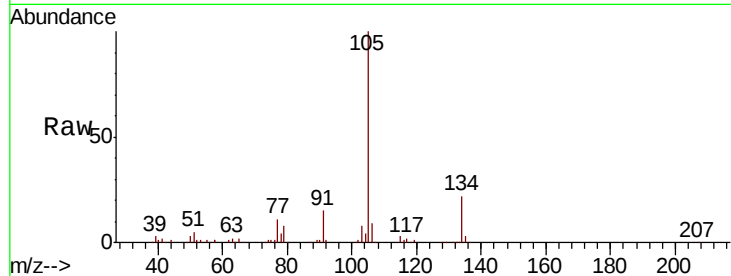
ClientSampleId :

Tot Ion:105 Resp: 86012

Ion Ratio Lower Upper

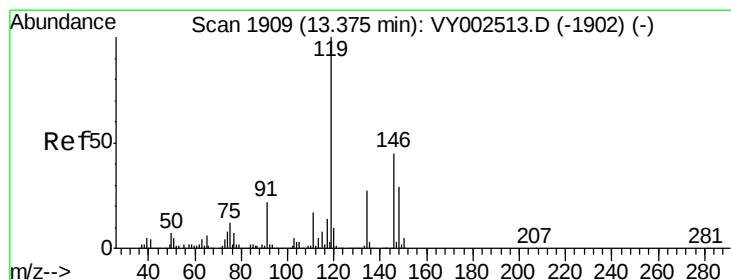
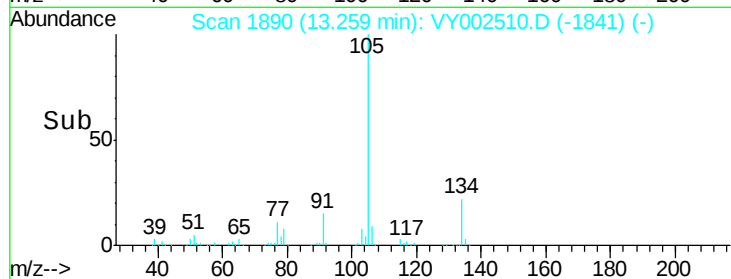
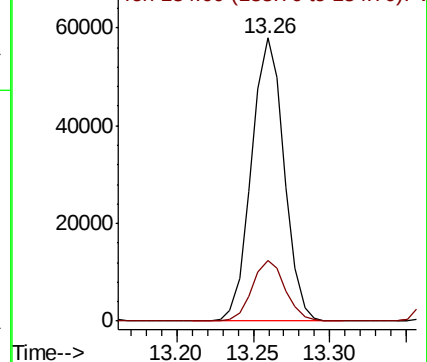
105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.962 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

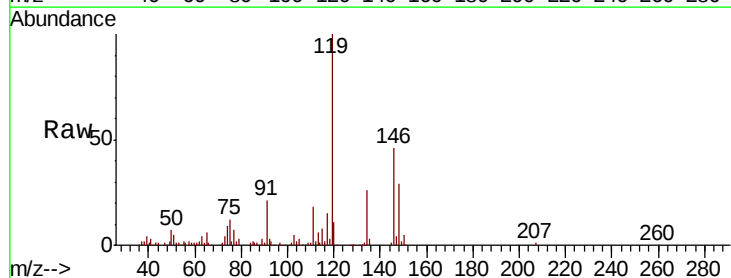
Tgt Ion:119 Resp: 80272

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

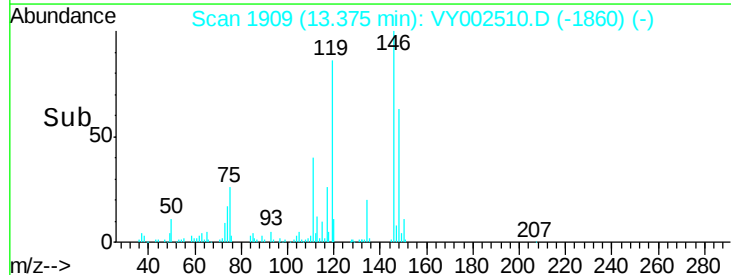
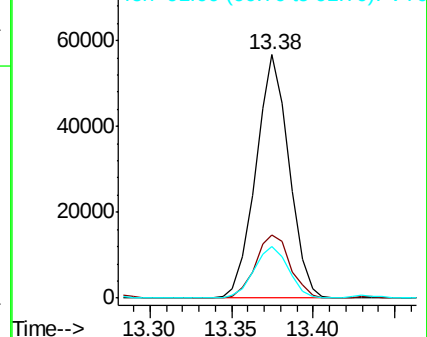
91 22.1 10.9 32.9



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: 5.075 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

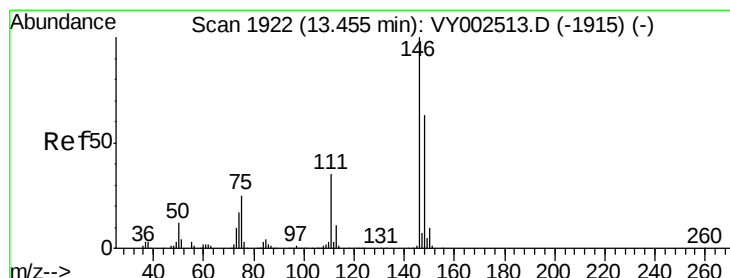
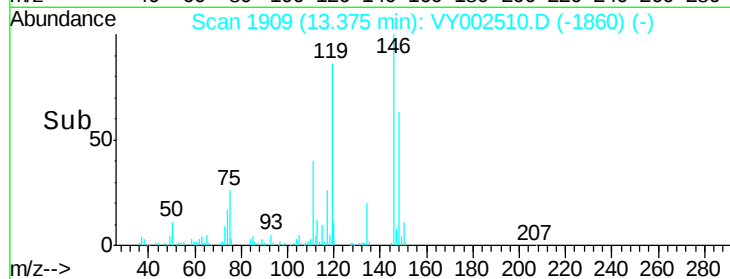
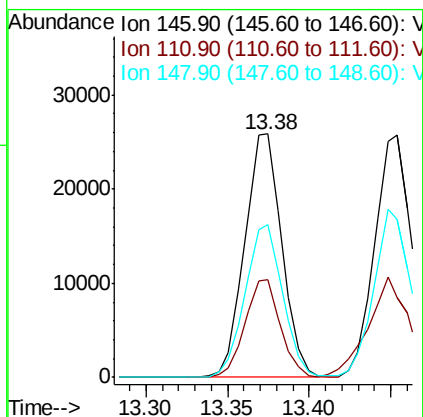
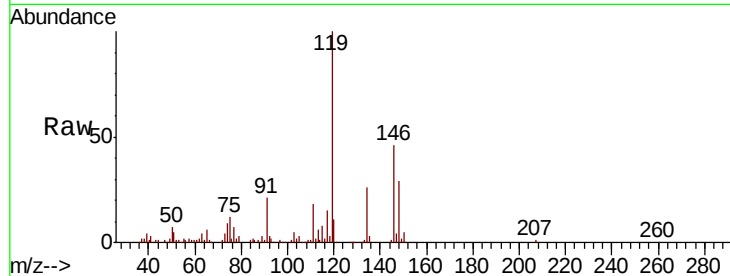
Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:146 Resp: 41081

Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	63.2	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 5.061 ug/l

RT: 13.45 min Scan# 1922

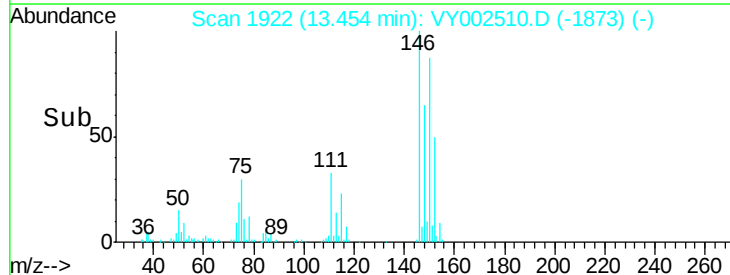
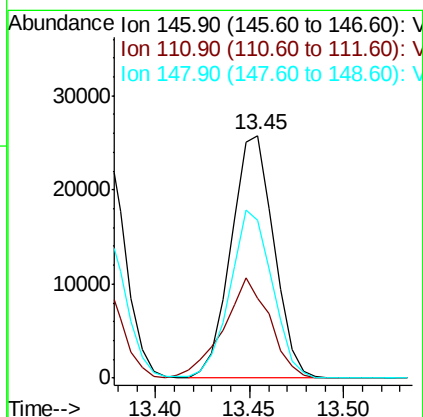
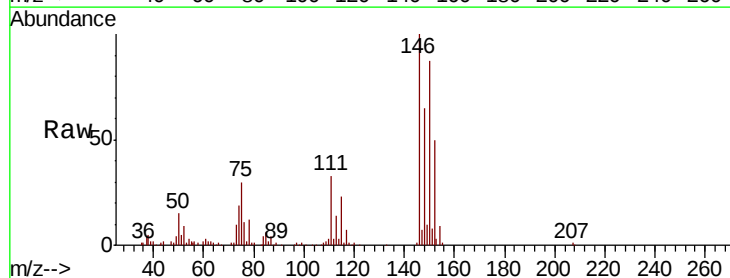
Delta R.T. -0.00 min

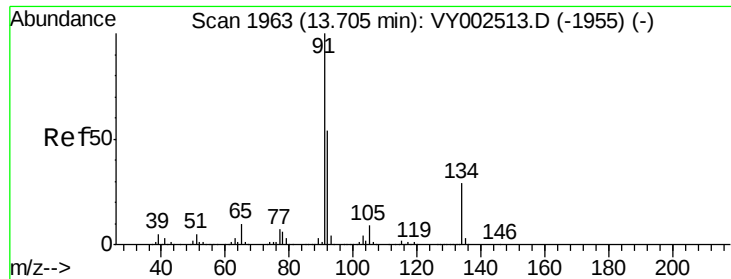
Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Tgt Ion:146 Resp: 40569

Ion	Ratio	Lower	Upper
146	100		
111	44.9	18.1	54.1
148	68.8	31.9	95.5

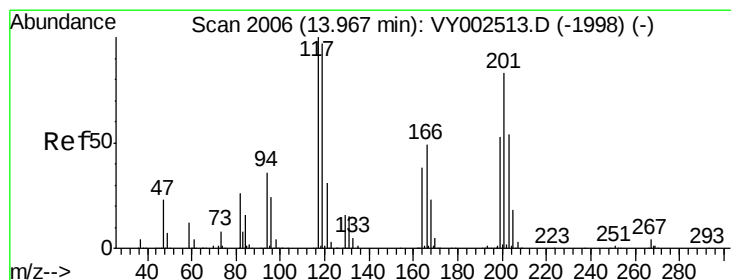
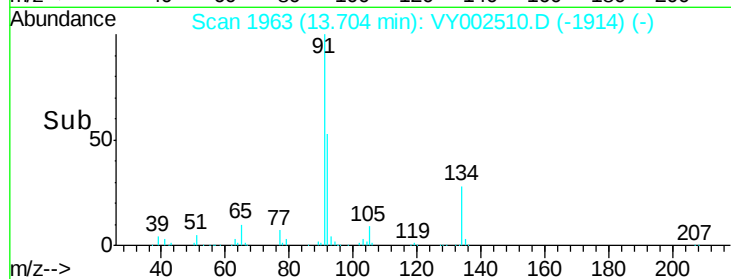
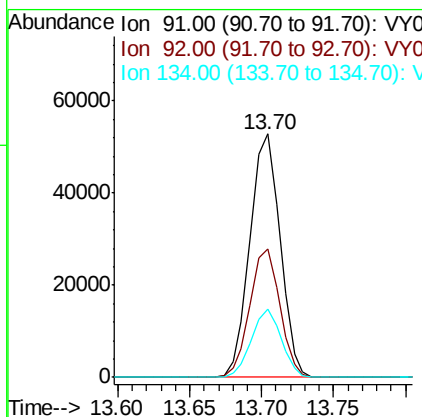
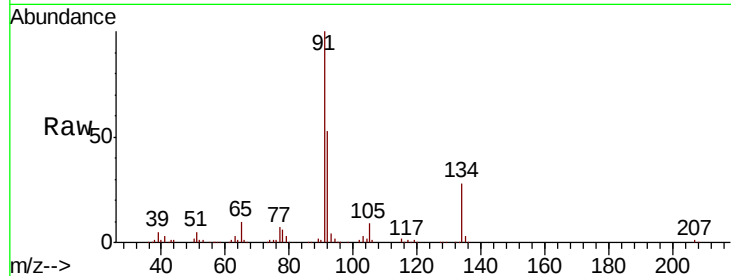




#89
n-Butylbenzene
Concen: 5.195 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

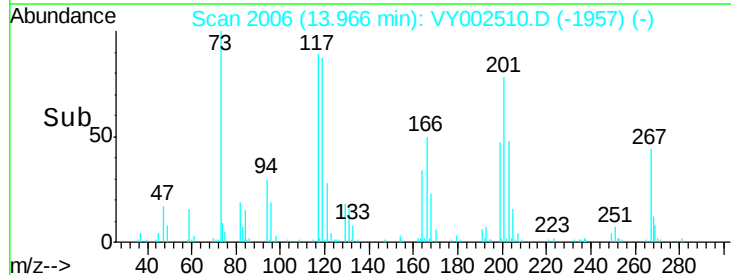
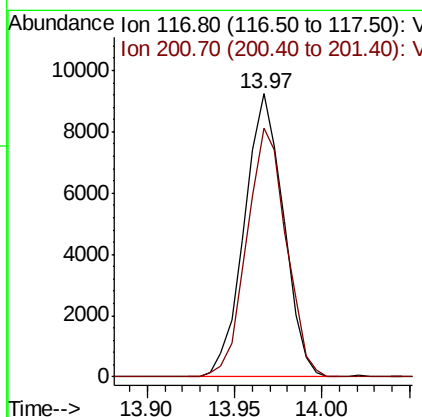
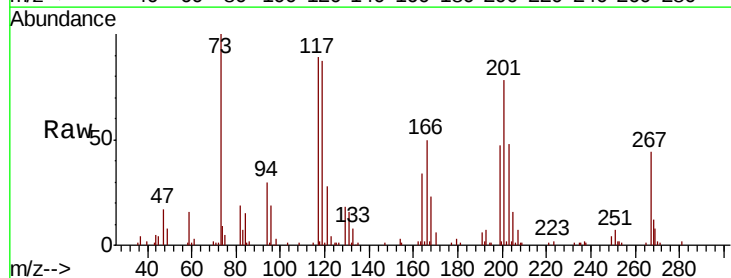
Instrument :
MSVOA_Y
ClientSampleId :

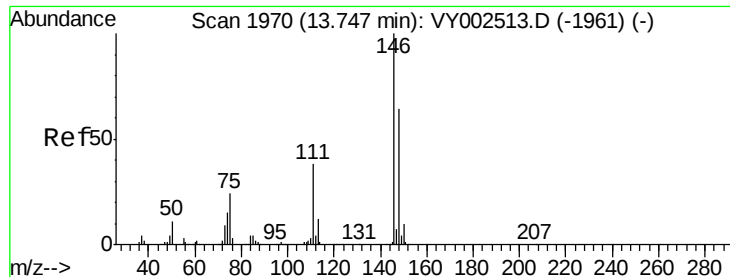
Tot Ion: 91 Resp: 76509
Ion Ratio Lower Upper
91 100
92 52.7 27.1 81.3
134 27.6 14.4 43.0



#90
Hexachloroethane
Concen: 4.886 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 117 Resp: 14394
Ion Ratio Lower Upper
117 100
201 88.4 44.4 133.2

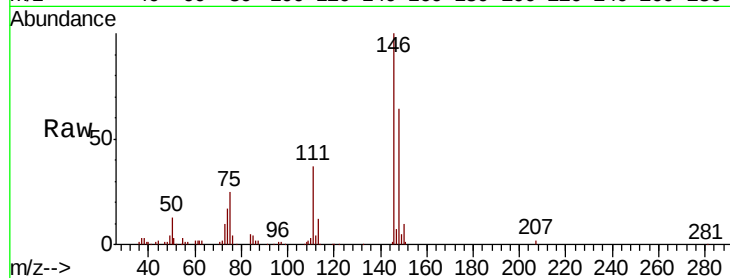




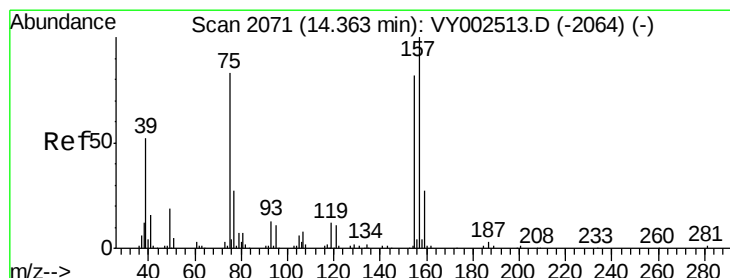
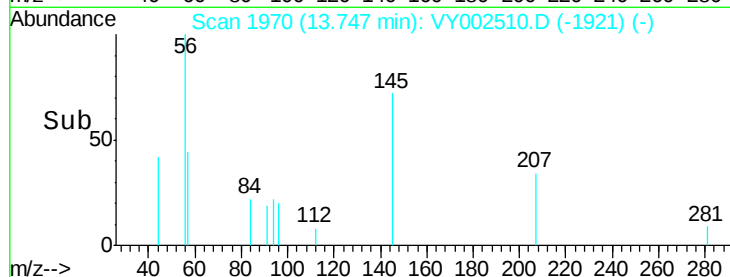
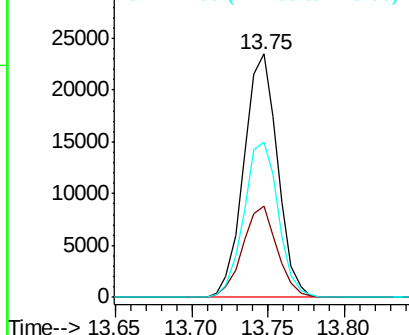
#91
 1,2-Dichlorobenzene
 Concen: 4.975 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	65.0	31.9	95.7

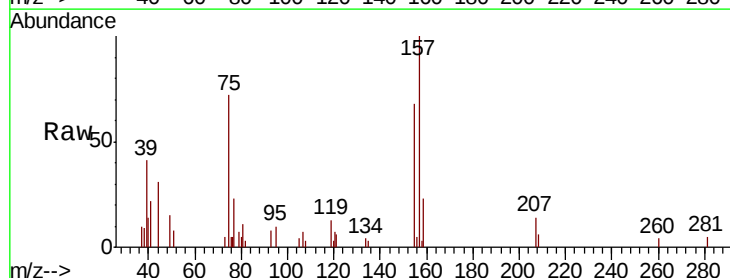


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

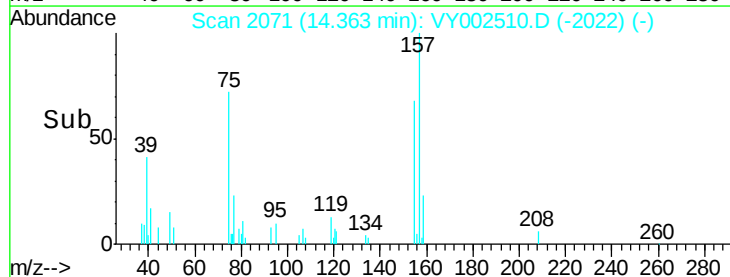
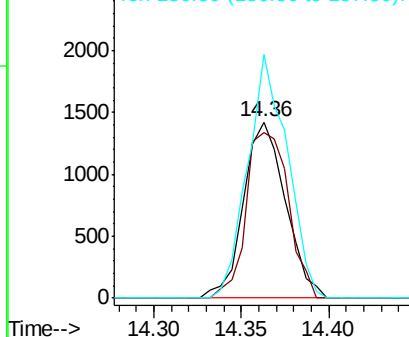


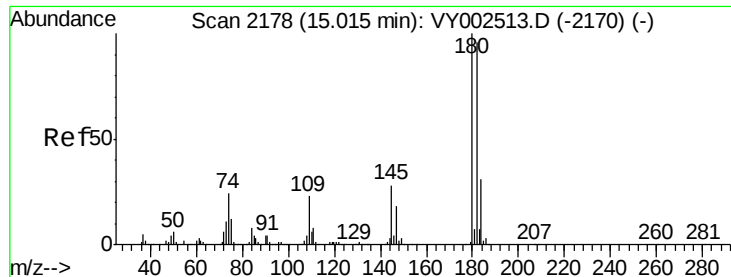
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.691 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	51.3	153.9
157	130.1	65.0	195.0



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

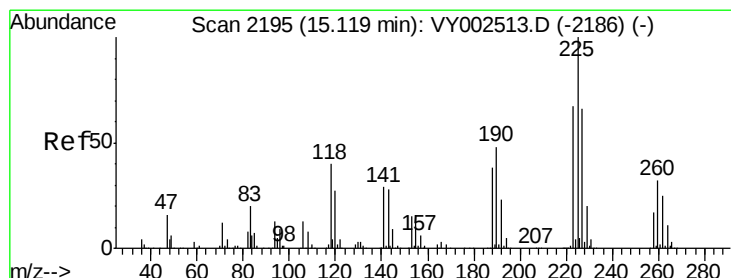
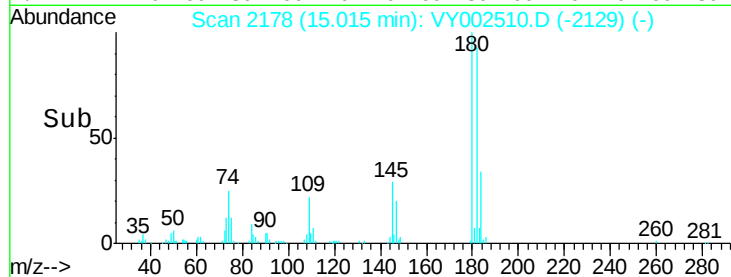
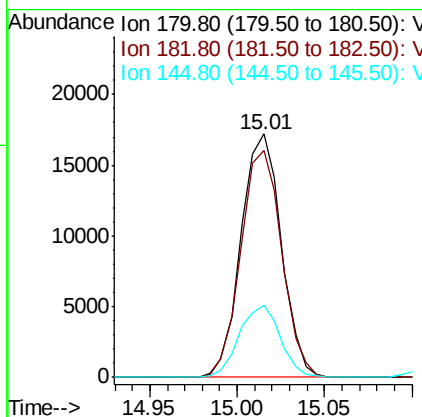
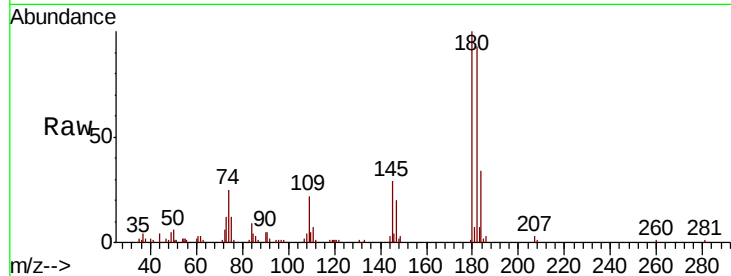




#93
 1,2,4-Trichlorobenzene
 Concen: 5.245 ug/l
 RT: 15.01 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

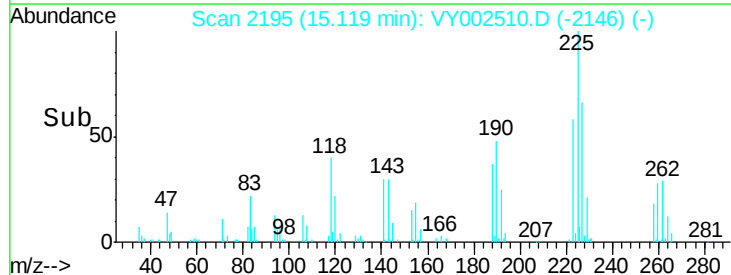
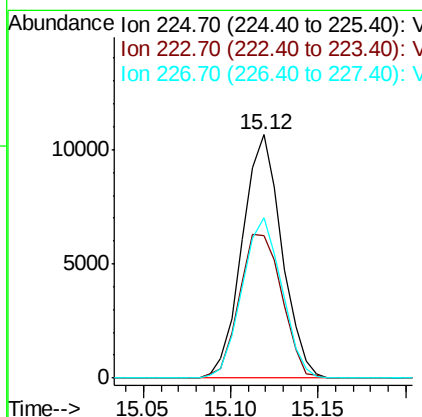
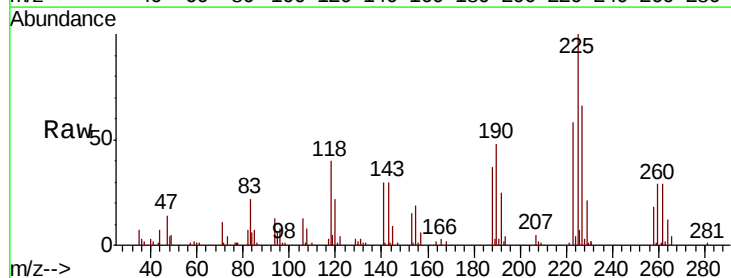
Instrument :
 MSVOA_Y
 ClientSampleId :

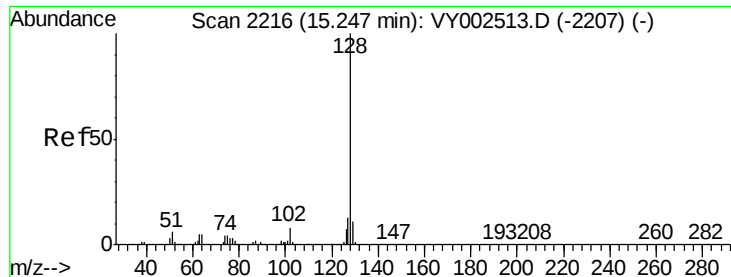
Tot Ion:180 Resp: 27508
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.6
 145 30.1 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 5.327 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion:225 Resp: 16770
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.1 96.5
 227 66.1 32.0 96.2

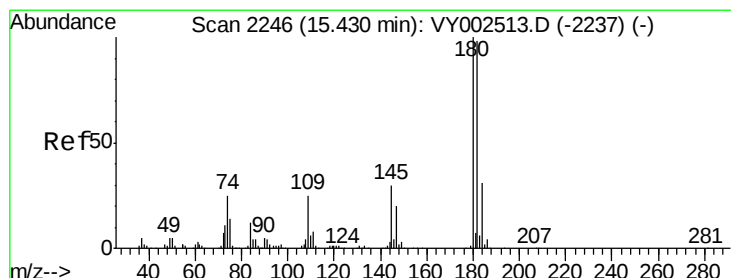
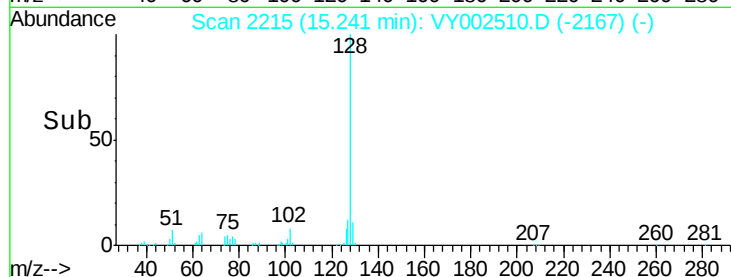
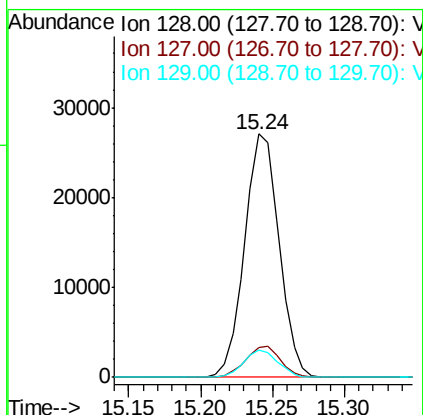
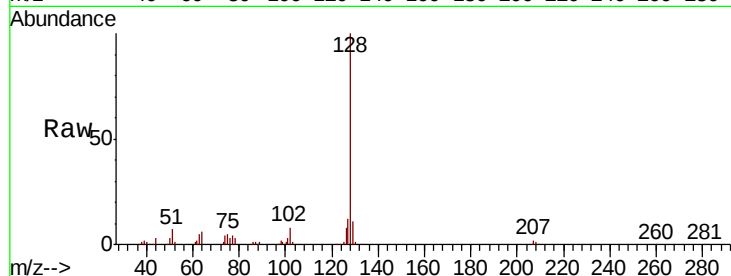




#95
Naphthalene
Concen: 4.686 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 44834
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 5.061 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion:180 Resp: 22532
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.8
145 31.0 15.0 45.1

