

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002577.D
 Acq On : 05 May 2020 11:23
 Operator : SY/MD
 Sample : VY0505SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

Quant Time: May 06 03:17:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	405096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	596100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	535511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	275725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	171454	50.34	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	7.73	113	178627	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.19	98	704140	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.49	95	237527	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.91	85	49055	15.917	ug/l	97
3) Chloromethane	2.12	50	58831	17.925	ug/l	98
4) Vinyl Chloride	2.26	62	69984	18.467	ug/l	100
5) Bromomethane	2.64	94	46773	17.897	ug/l	98
6) Chloroethane	2.79	64	41150	18.185	ug/l	98
7) Trichlorofluoromethane	3.13	101	106724	18.170	ug/l	99
8) Diethyl Ether	3.54	74	38391	19.450	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	68754	19.153	ug/l	99
10) Methyl Iodide	4.10	142	86110	17.607	ug/l	99
11) Tert butyl alcohol	4.97	59	31256	89.193	ug/l	97
12) 1,1-Dichloroethene	3.88	96	65358	18.742	ug/l	98
13) Acrolein	3.74	56	19751	81.506	ug/l	97
14) Allyl chloride	4.49	41	97804	19.249	ug/l	99
15) Acrylonitrile	5.18	53	90478	97.204	ug/l	99
16) Acetone	3.96	43	66694	94.877	ug/l	99
17) Carbon Disulfide	4.20	76	180209	17.177	ug/l	100
18) Methyl Acetate	4.49	43	45916	19.549	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	172283	18.936	ug/l	100
20) Methylene Chloride	4.72	84	78427	19.951	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	72076	18.910	ug/l	91
22) Diisopropyl ether	6.13	45	206422	20.078	ug/l	100
23) Vinyl Acetate	6.07	43	626894	96.959	ug/l	100
24) 1,1-Dichloroethane	6.03	63	118805	19.534	ug/l	99
25) 2-Butanone	7.00	43	107652	93.555	ug/l	97
26) 2,2-Dichloropropane	6.99	77	108173	18.711	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	80990	19.204	ug/l	99
28) Bromochloromethane	7.35	49	52192	20.944	ug/l	100
29) Tetrahydrofuran	7.36	42	73346	96.342	ug/l	100
30) Chloroform	7.52	83	122813	19.420	ug/l	98
31) Cyclohexane	7.79	56	113705	18.573	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	110168	18.743	ug/l	100
36) 1,1-Dichloropropene	7.93	75	95397	19.090	ug/l	99
37) Ethyl Acetate	7.08	43	49741	19.370	ug/l	99
38) Carbon Tetrachloride	7.91	117	103657	19.000	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002577.D
 Acq On : 05 May 2020 11:23
 Operator : SY/MD
 Sample : VY0505SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

Quant Time: May 06 03:17:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	122592	18.574	ug/l	97
40) Benzene	8.17	78	279122	19.339	ug/l	100
41) Methacrylonitrile	7.36	41	67850	49.142	ug/l #	42
42) 1,2-Dichloroethane	8.25	62	76520	18.901	ug/l	99
43) Isopropyl Acetate	8.28	43	93008	19.320	ug/l	99
44) Trichloroethene	8.95	130	88700	19.665	ug/l	100
45) 1,2-Dichloropropane	9.22	63	68917	19.785	ug/l	98
46) Dibromomethane	9.31	93	38881	19.400	ug/l	99
47) Bromodichloromethane	9.50	83	95095	19.514	ug/l	99
48) Methyl methacrylate	9.30	41	41277	18.946	ug/l	98
49) 1,4-Dioxane	9.30	88	10828	408.055	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	243010	97.933	ug/l	100
52) Toluene	10.25	92	178984	19.296	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	99250	19.438	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	113238	19.184	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	57643	19.723	ug/l	96
56) Ethyl methacrylate	10.52	69	76348	19.637	ug/l	98
57) 1,3-Dichloropropane	10.80	76	96349	19.440	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	206115	100.527	ug/l	98
59) 2-Hexanone	10.84	43	168296	98.542	ug/l	99
60) Dibromochloromethane	10.99	129	70669	19.011	ug/l	99
61) 1,2-Dibromoethane	11.10	107	55549	19.195	ug/l	100
64) Tetrachloroethene	10.72	164	98608	20.725	ug/l	96
65) Chlorobenzene	11.52	112	199454	19.593	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	74686	19.764	ug/l	99
67) Ethyl Benzene	11.60	91	349628	19.552	ug/l	98
68) m/p-Xylenes	11.70	106	267646	38.683	ug/l	99
69) o-Xylene	12.03	106	126042	19.456	ug/l	100
70) Styrene	12.05	104	217423	19.632	ug/l	99
71) Bromoform	12.21	173	45613	19.448	ug/l #	98
73) Isopropylbenzene	12.33	105	353254	19.768	ug/l	99
74) N-amyl acetate	12.15	43	85839	19.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	52927	18.624	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	84937	34.664	ug/l #	100
77) Bromobenzene	12.61	156	87086	19.506	ug/l	99
78) n-propylbenzene	12.67	91	409239	19.734	ug/l	100
79) 2-Chlorotoluene	12.76	91	224770	19.567	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	288909	19.504	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23189	18.977	ug/l	96
82) 4-Chlorotoluene	12.86	91	237128	19.652	ug/l	99
83) tert-Butylbenzene	13.08	119	258916	19.935	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	289351	19.601	ug/l	99
85) sec-Butylbenzene	13.26	105	357247	19.822	ug/l	100
86) p-Isopropyltoluene	13.38	119	334699	19.820	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	167329	19.803	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	165372	19.765	ug/l	99
89) n-Butylbenzene	13.70	91	307977	20.034	ug/l	100
90) Hexachloroethane	13.97	117	59972	19.501	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	148960	19.756	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10088	19.043	ug/l	99

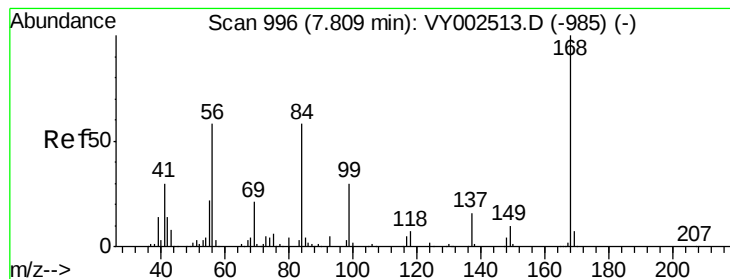
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
Data File : VY002577.D
Acq On : 05 May 2020 11:23
Operator : SY/MD
Sample : VY0505SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
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Instrument :
MSVOA_Y
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Quant Time: May 06 03:17:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	109080	19.927	ug/l	99
94) Hexachlorobutadiene	15.12	225	65752	20.011	ug/l	99
95) Naphthalene	15.24	128	193796	19.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	93060	20.026	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

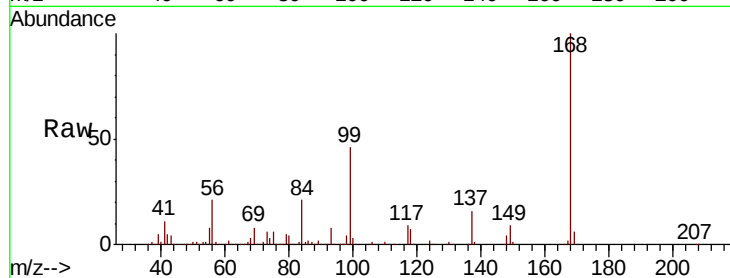
VY0505SBS01

Tot Ion:168 Resp: 405096

Ion Ratio Lower Upper

168 100

99 46.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

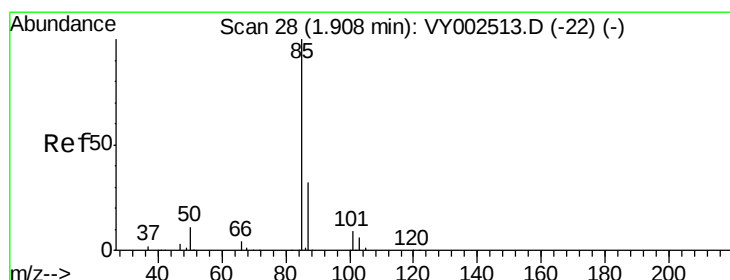
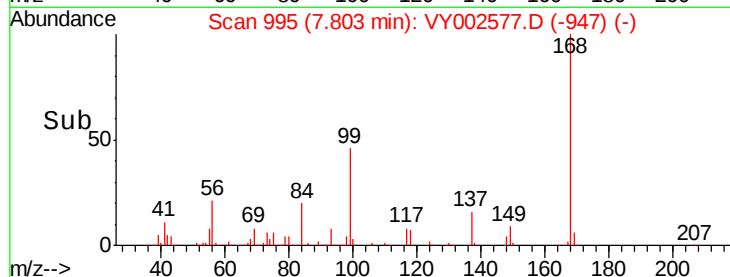
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.917 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002577.D

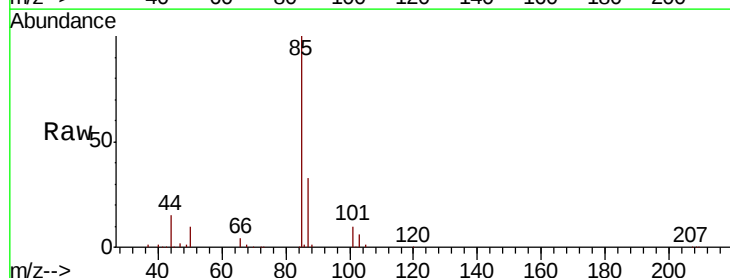
Acq: 05 May 2020 11:23

Tgt Ion: 85 Resp: 49055

Ion Ratio Lower Upper

85 100

87 33.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

40000

30000

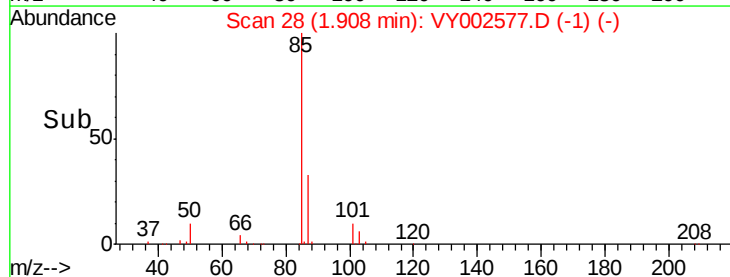
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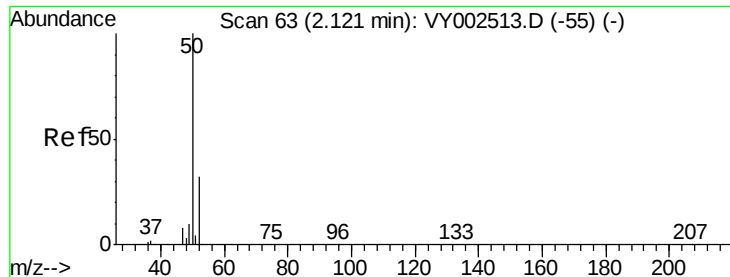
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.925 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

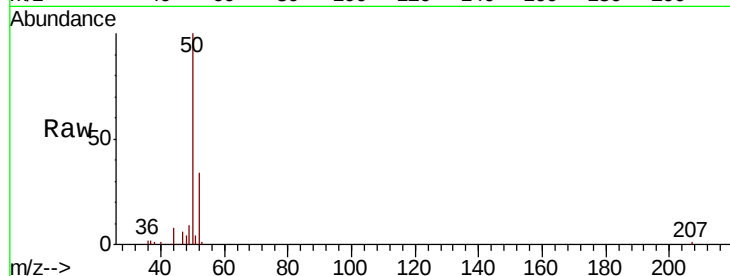
VY0505SBS01

Tot Ion: 50 Resp: 58831

Ion Ratio Lower Upper

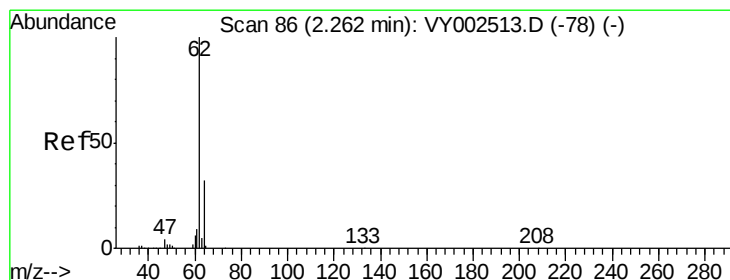
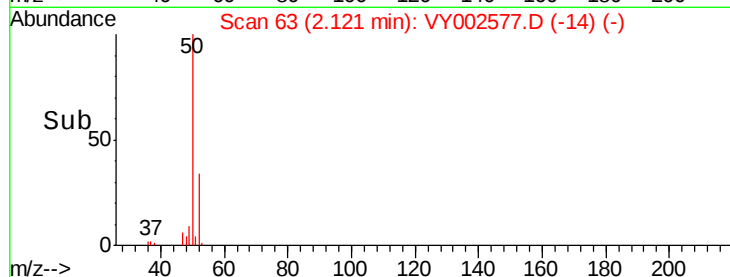
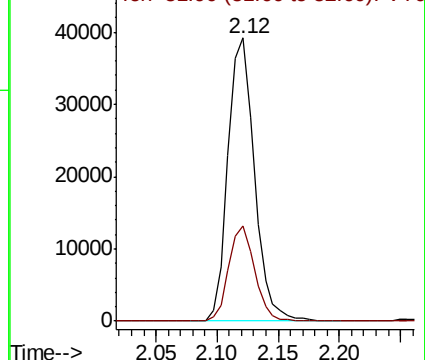
50 100

52 33.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.467 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002577.D

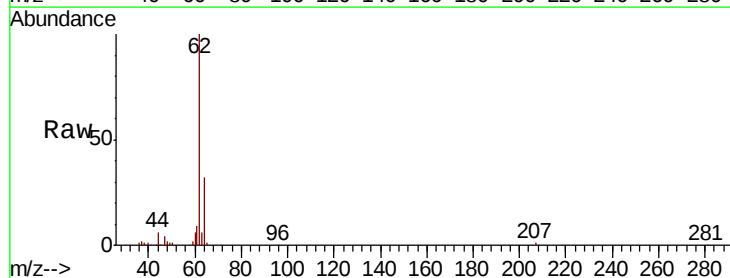
Acq: 05 May 2020 11:23

Tgt Ion: 62 Resp: 69984

Ion Ratio Lower Upper

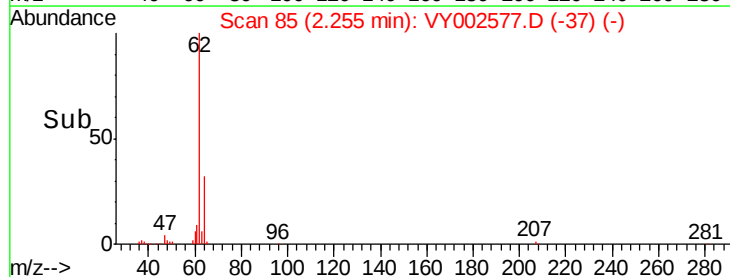
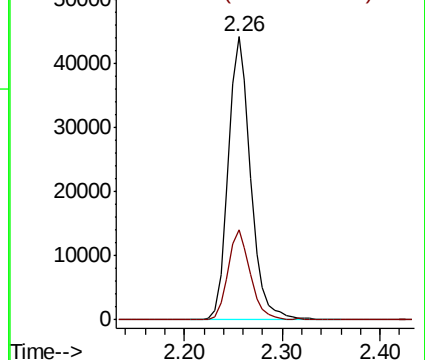
62 100

64 31.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 17.897 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

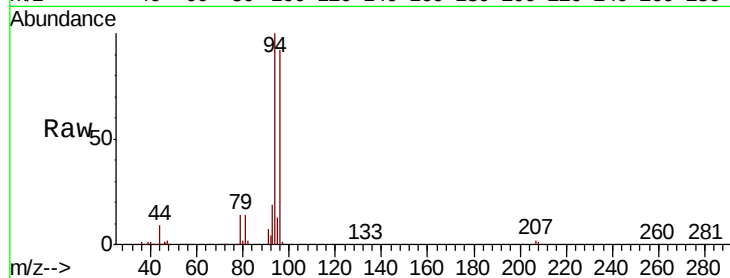
VY0505SBS01

Tot Ion: 94 Resp: 46773

Ion Ratio Lower Upper

94 100

96 91.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

25000

20000

15000

10000

5000

0

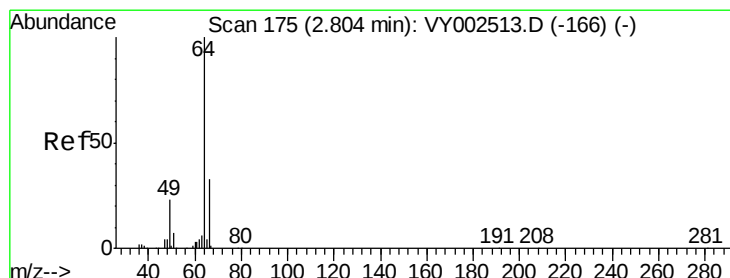
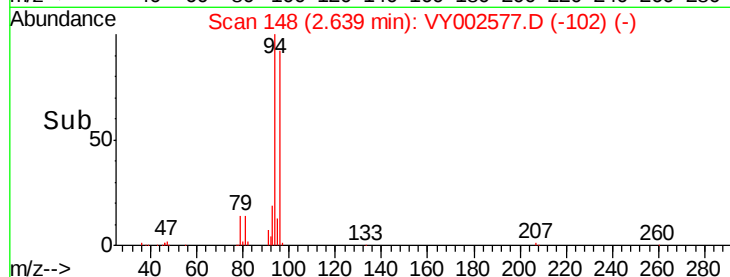
Time-->

2.50

2.60

2.70

2.80



#6

Chloroethane

Concen: 18.185 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002577.D

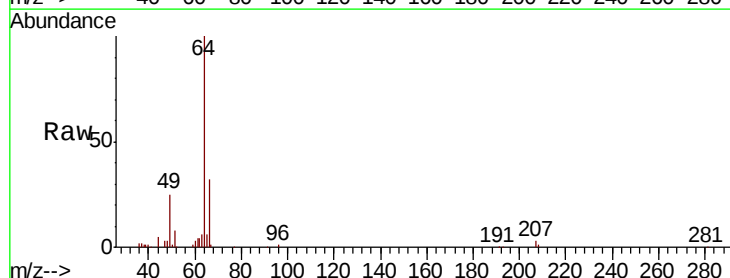
Acq: 05 May 2020 11:23

Tgt Ion: 64 Resp: 41150

Ion Ratio Lower Upper

64 100

66 31.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

20000

15000

10000

5000

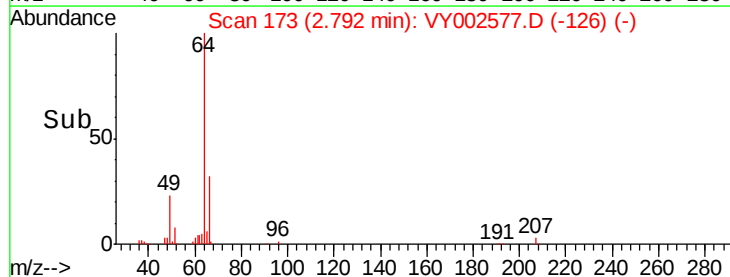
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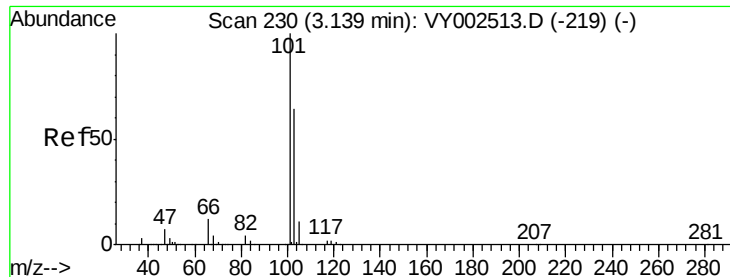
Time-->

2.70

2.80

2.90



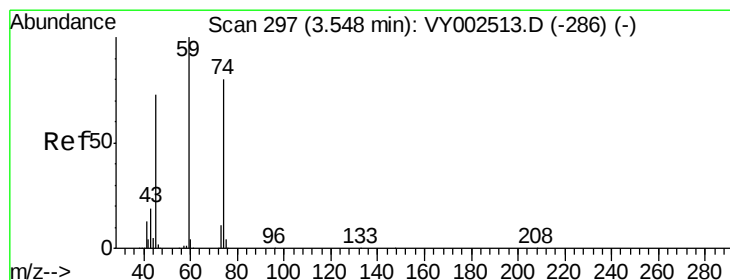
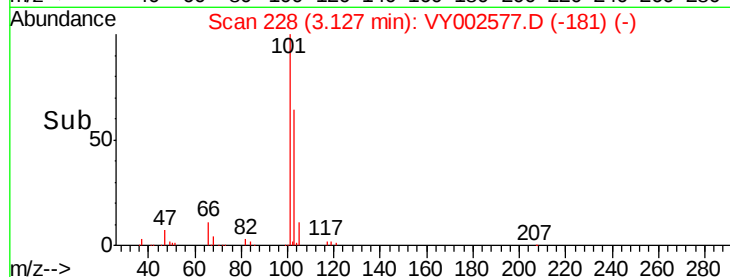
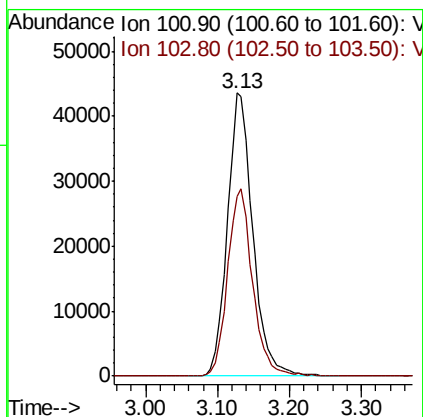
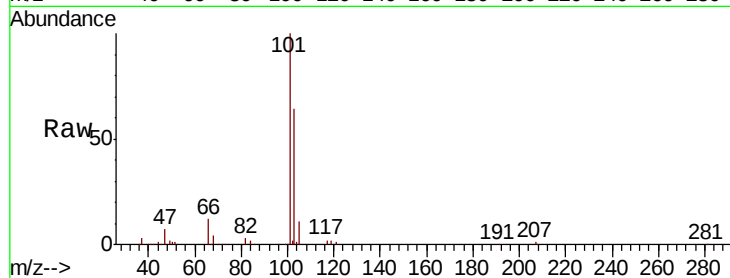


#7

Trichlorofluoromethane
Concen: 18.170 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

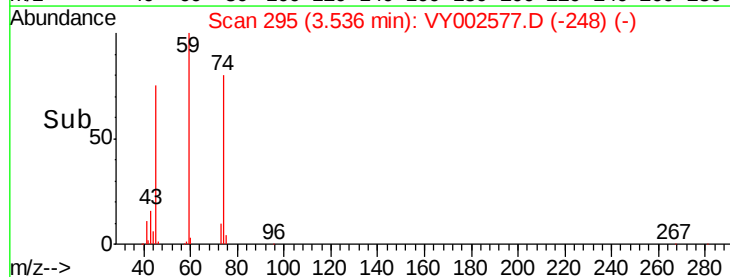
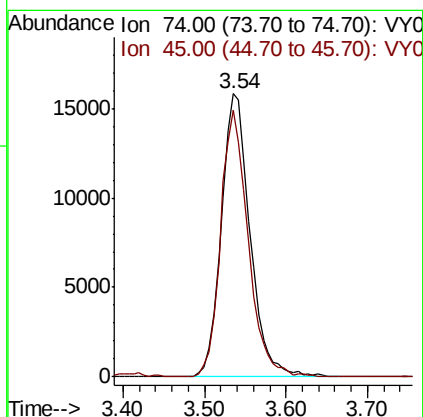
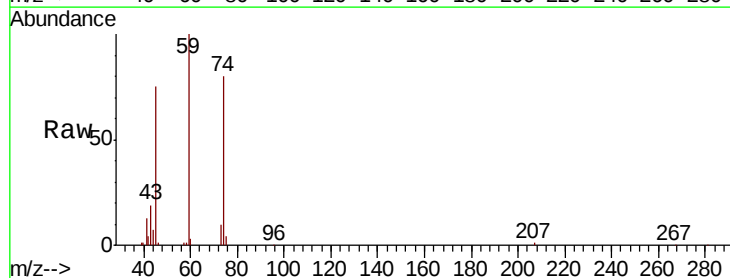
Tot Ion:101 Resp: 106724
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0

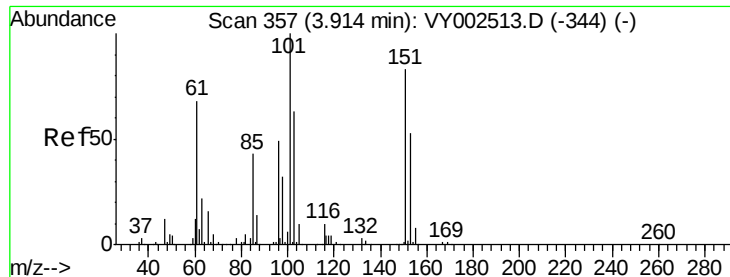


#8

Diethyl Ether
Concen: 19.450 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion: 74 Resp: 38391
Ion Ratio Lower Upper
74 100
45 90.9 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.153 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

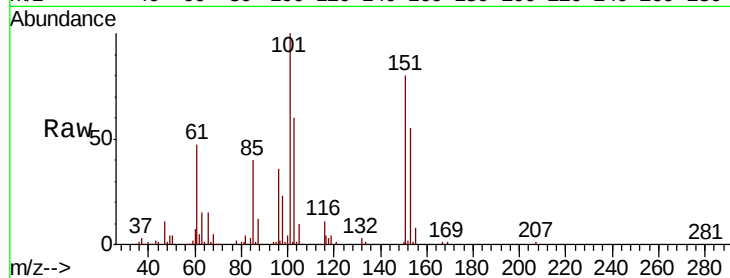
Tot Ion:101 Resp: 68754

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.2

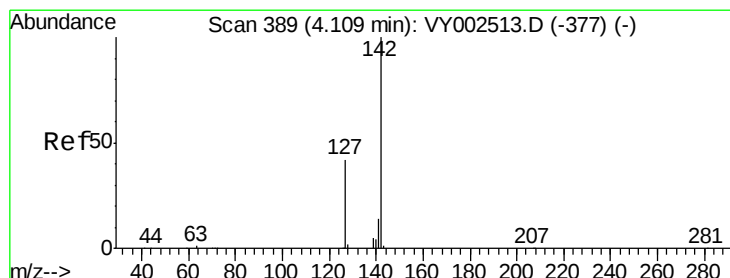
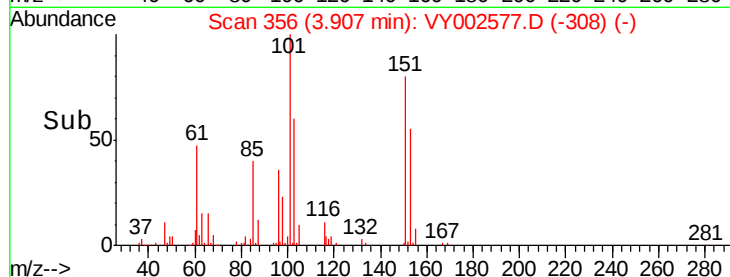
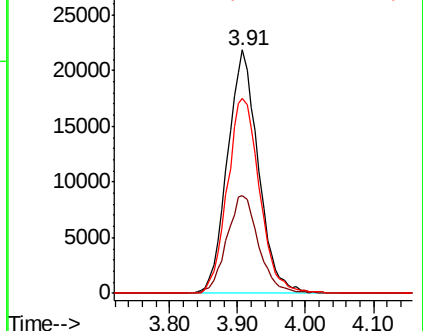
151 83.8 66.8 100.2



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: 17.607 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

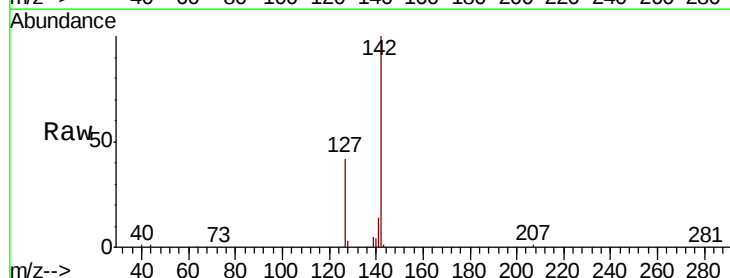
Tgt Ion:142 Resp: 86110

Ion Ratio Lower Upper

142 100

127 41.4 33.7 50.5

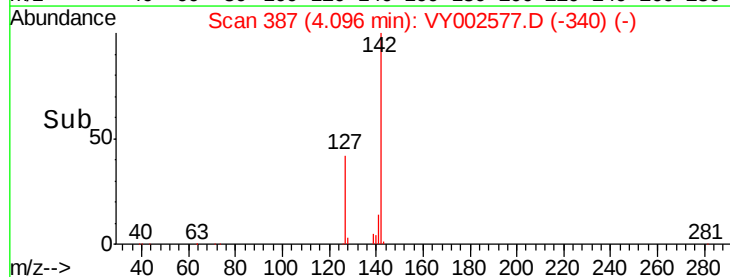
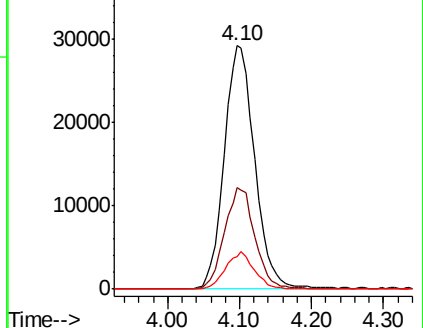
141 14.3 11.4 17.0

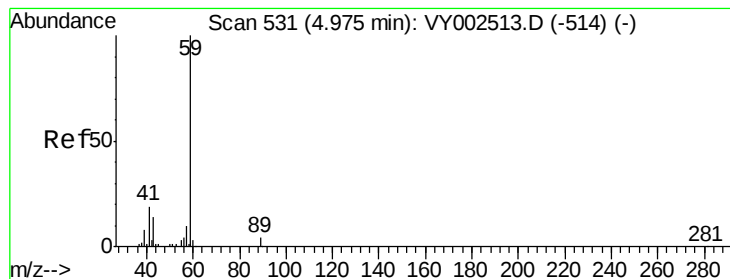


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.193 ug/l

RT: 4.97 min Scan# 531

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

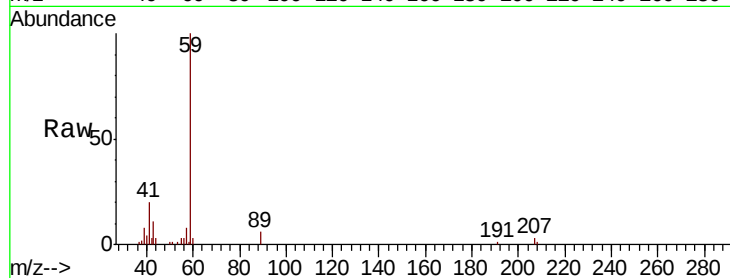
VY0505SBS01

Tot Ion: 59 Resp: 31256

Ion Ratio Lower Upper

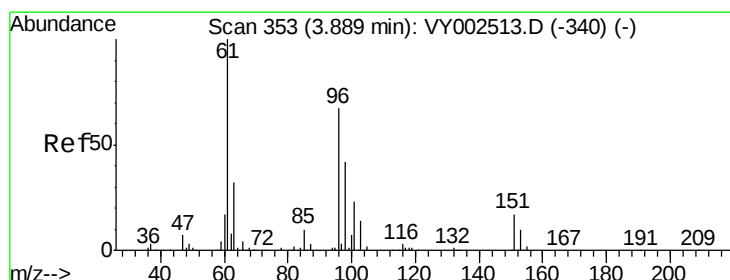
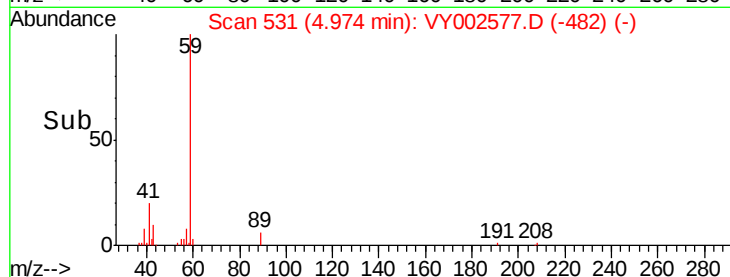
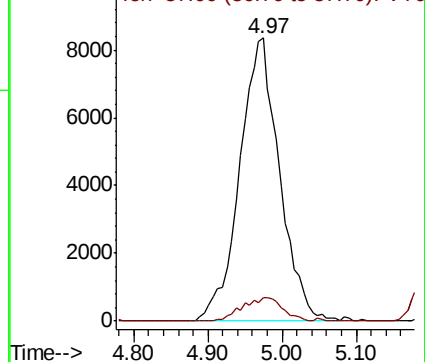
59 100

57 8.5 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: 18.742 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

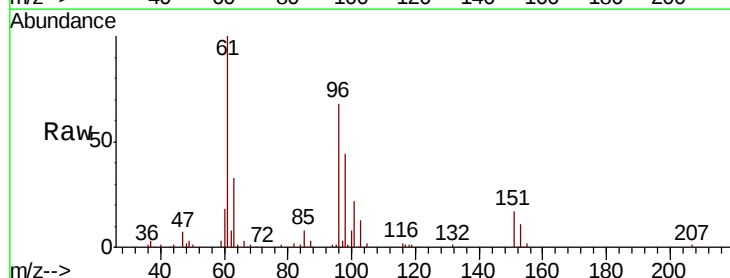
Tgt Ion: 96 Resp: 65358

Ion Ratio Lower Upper

96 100

61 146.1 118.8 178.2

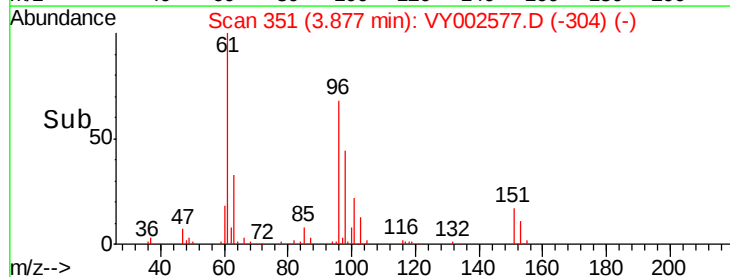
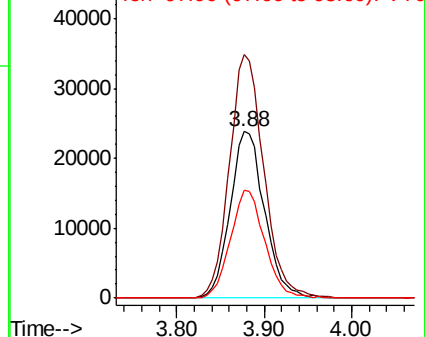
98 64.7 49.6 74.4

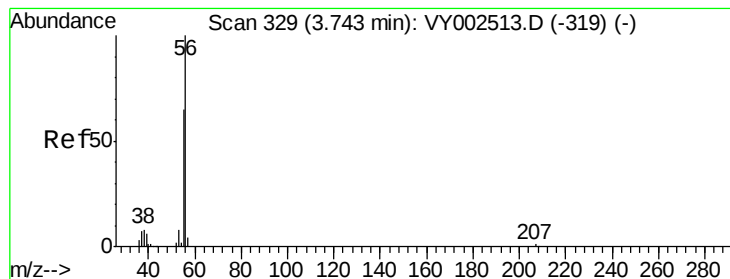


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 81.506 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

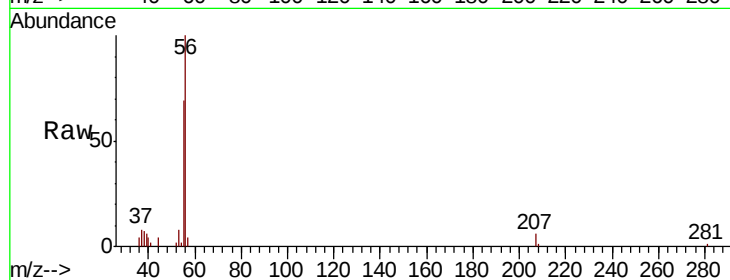
VY0505SBS01

Tot Ion: 56 Resp: 19751

Ion Ratio Lower Upper

56 100

55 69.4 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

8000

6000

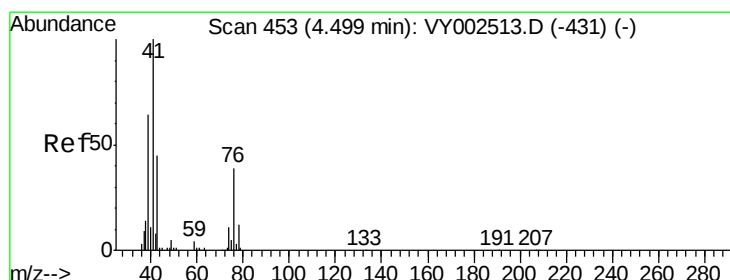
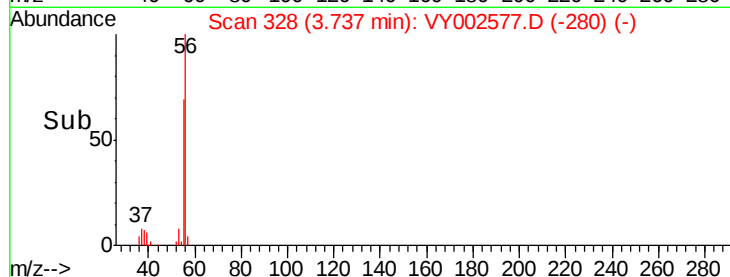
4000

2000

0

Time-->

3.70 3.80



#14

Allyl chloride

Concen: 19.249 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

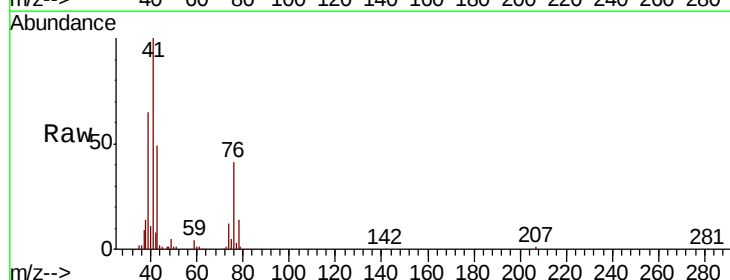
Tgt Ion: 41 Resp: 97804

Ion Ratio Lower Upper

41 100

39 62.8 51.8 77.6

76 39.6 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

40000

30000

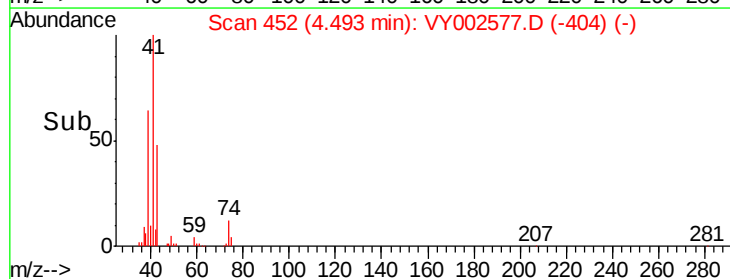
20000

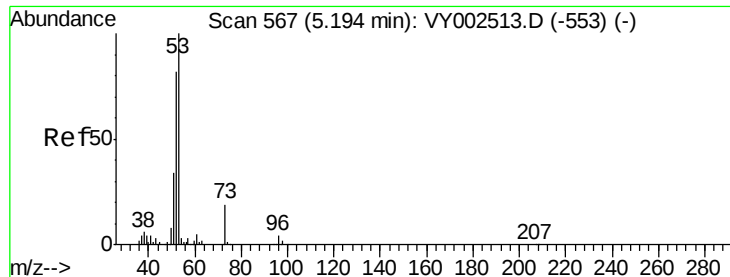
10000

0

Time-->

4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 97.204 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

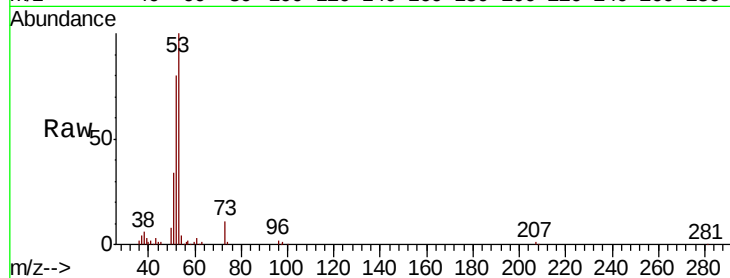
Tot Ion: 53 Resp: 90478

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.0

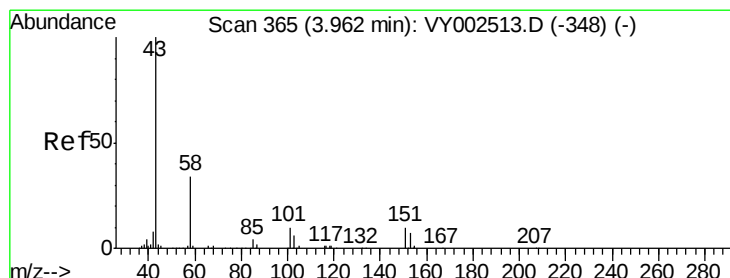
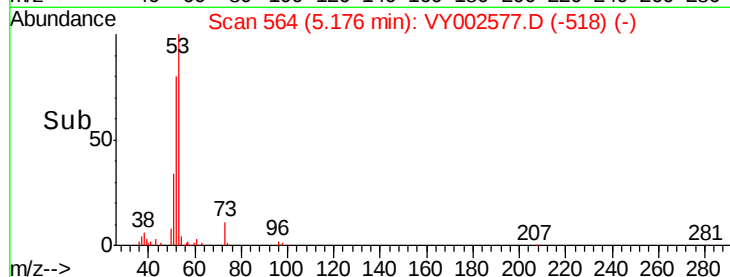
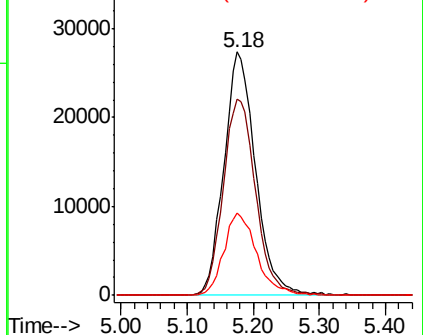
51 35.1 28.7 43.1



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: 94.877 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002577.D

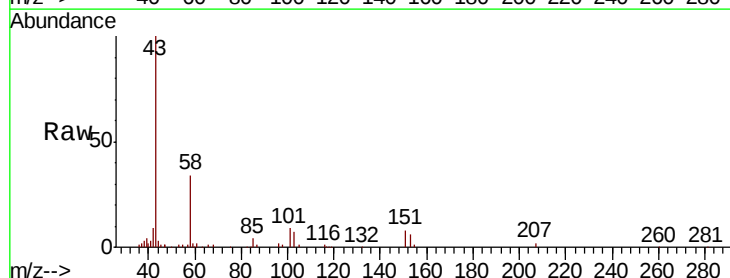
Acq: 05 May 2020 11:23

Tgt Ion: 43 Resp: 66694

Ion Ratio Lower Upper

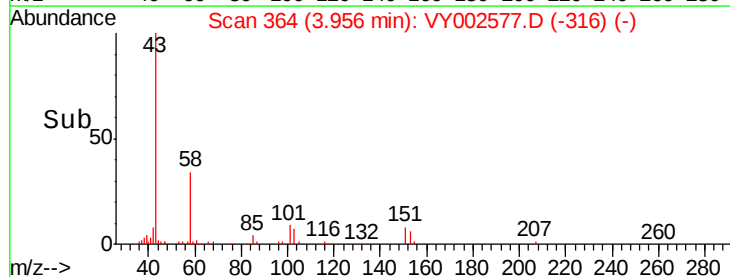
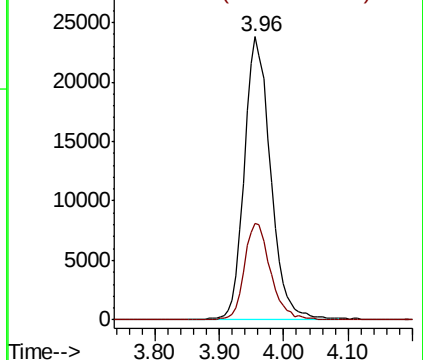
43 100

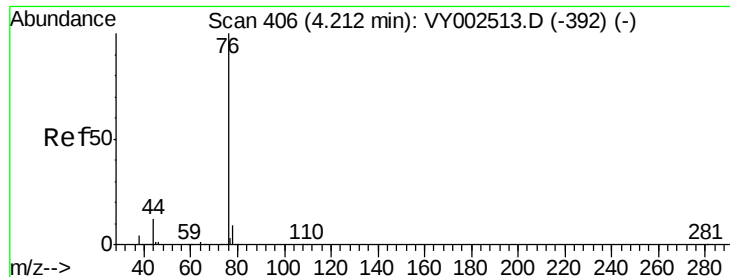
58 34.1 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

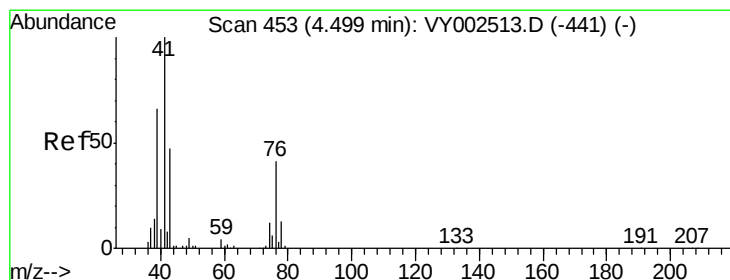
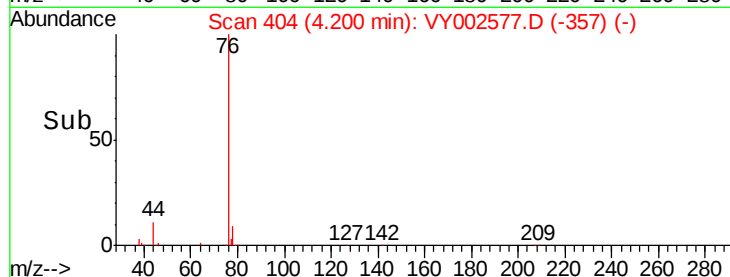
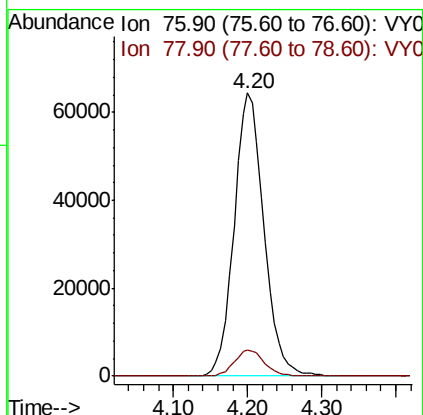
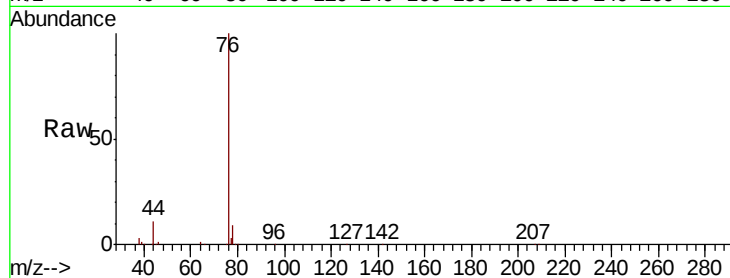




#17
Carbon Disulfide
Concen: 17.177 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

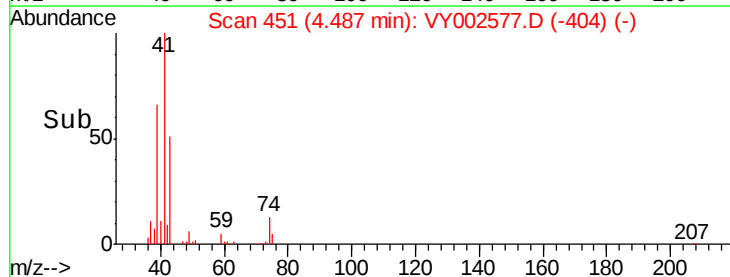
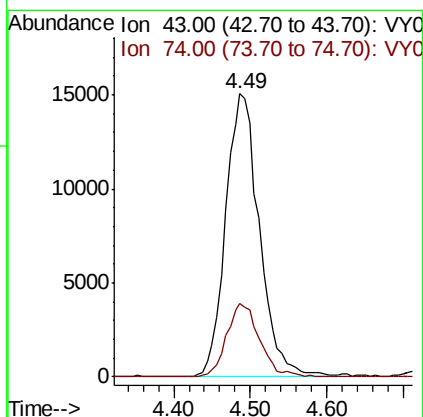
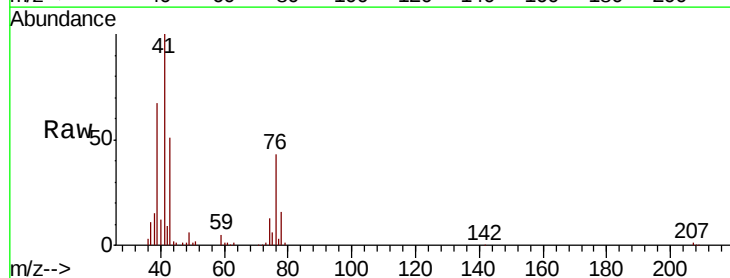
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

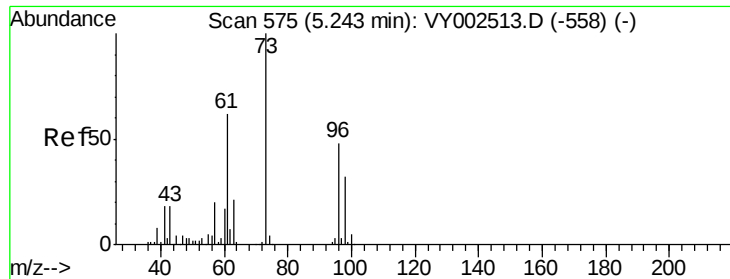
Tot Ion: 76 Resp: 180209
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 19.549 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion: 43 Resp: 45916
Ion Ratio Lower Upper
43 100
74 25.2 21.2 31.8

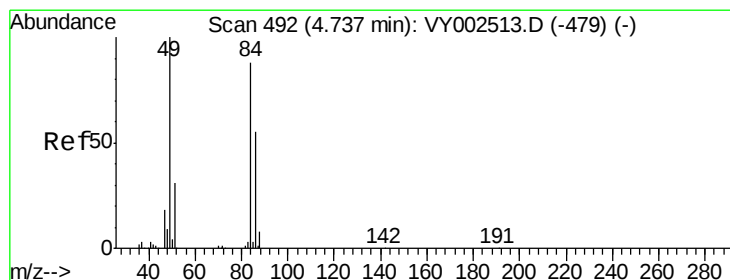
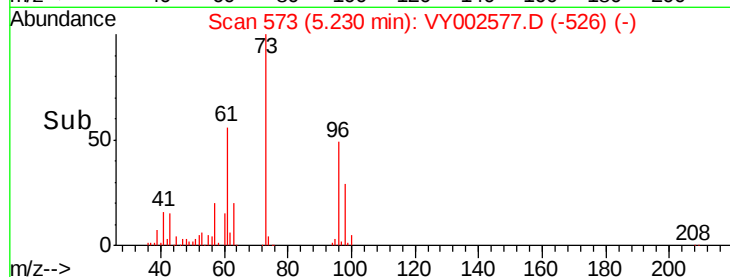
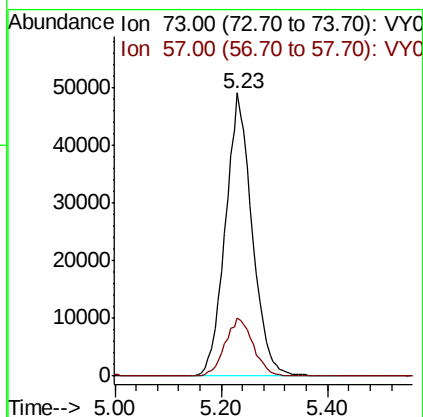
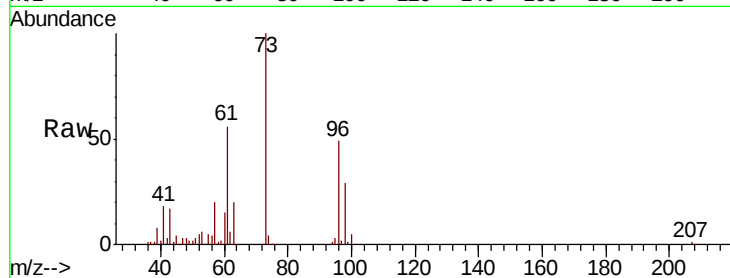




#19
Methvl tert-butvl Ether
Concen: 18.936 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

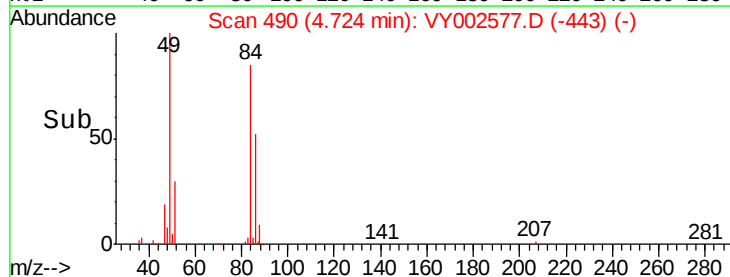
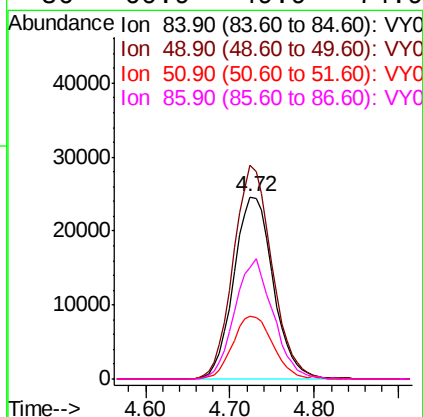
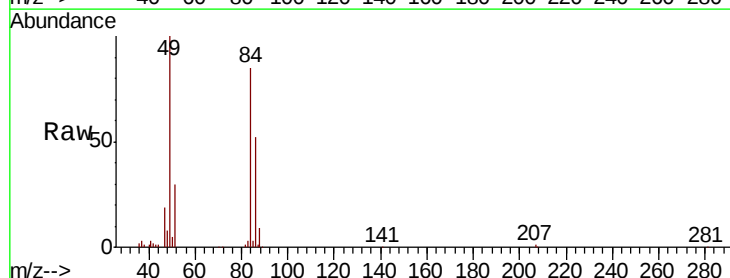
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

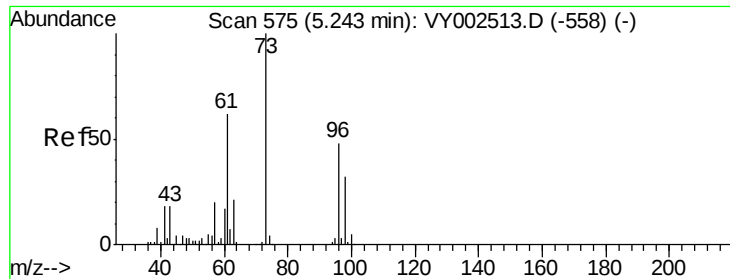
Tot Ion: 73 Resp: 172283
Ion Ratio Lower Upper
73 100
57 20.5 16.3 24.5



#20
Methylene Chloride
Concen: 19.951 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion: 84 Resp: 78427
Ion Ratio Lower Upper
84 100
49 117.1 90.5 135.7
51 34.6 28.3 42.5
86 60.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.910 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

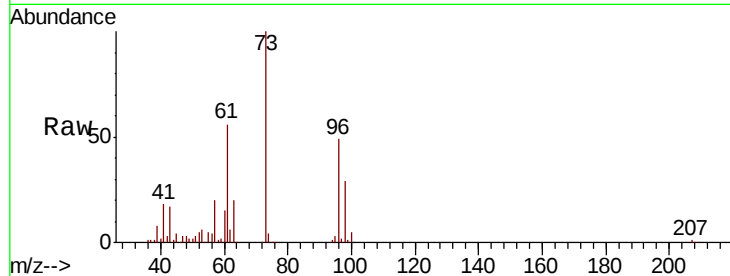
Tot Ion: 96 Resp: 72076

Ion Ratio Lower Upper

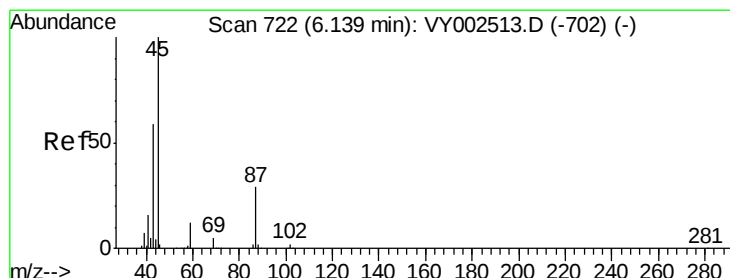
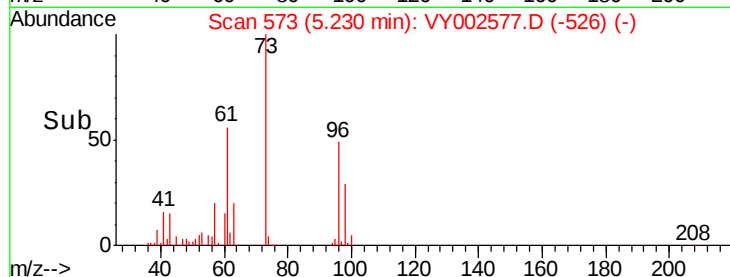
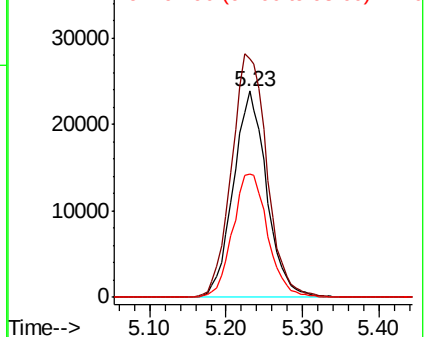
96 100

61 115.9 102.0 153.0

98 59.8 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: 20.078 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Tgt Ion: 45 Resp: 206422

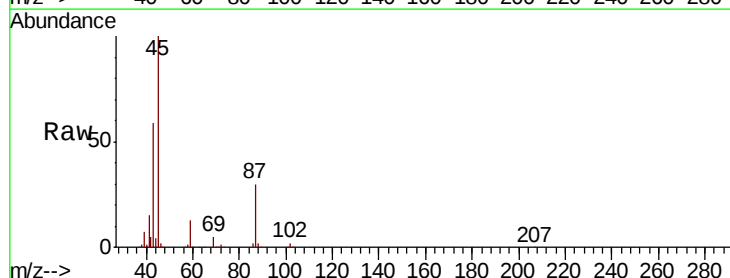
Ion Ratio Lower Upper

45 100

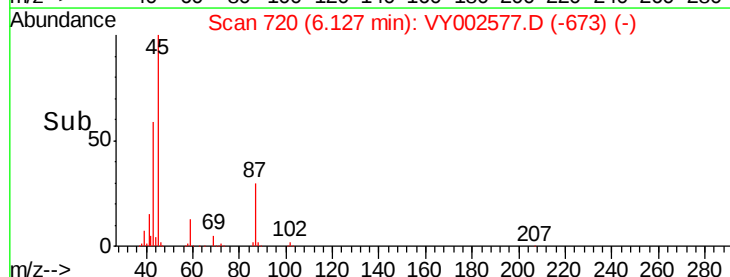
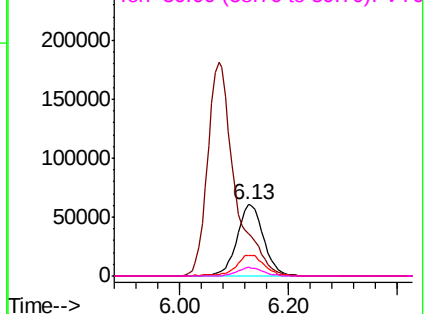
43 59.1 47.4 71.0

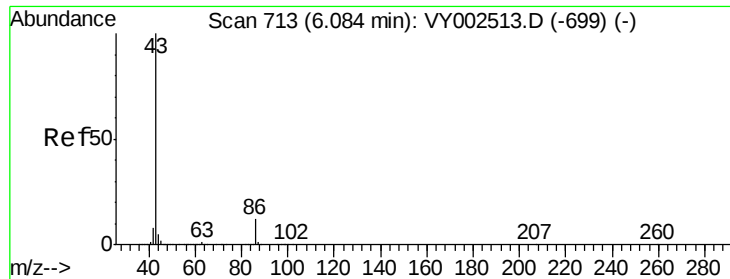
87 29.6 24.0 36.0

59 12.6 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: 96.959 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

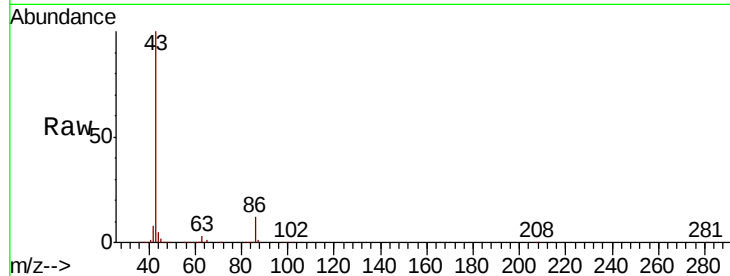
VY0505SBS01

Tot Ion: 43 Resp: 626894

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

150000

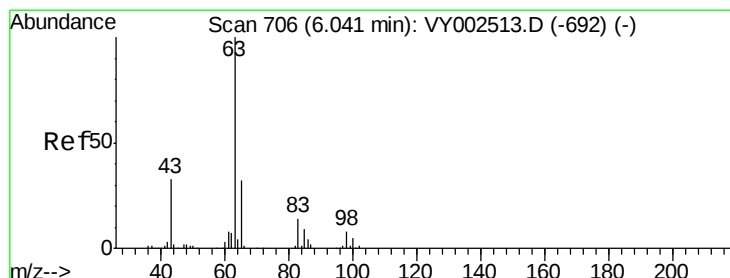
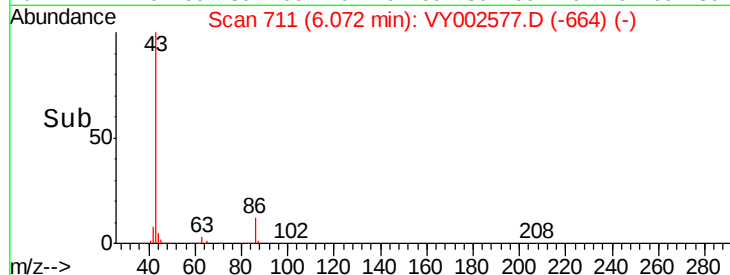
100000

50000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 19.534 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

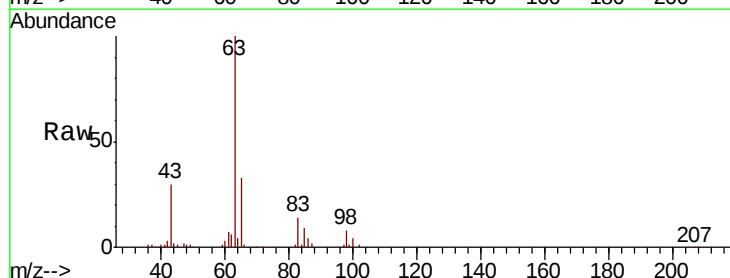
Tgt Ion: 63 Resp: 118805

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.3 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

50000

40000

30000

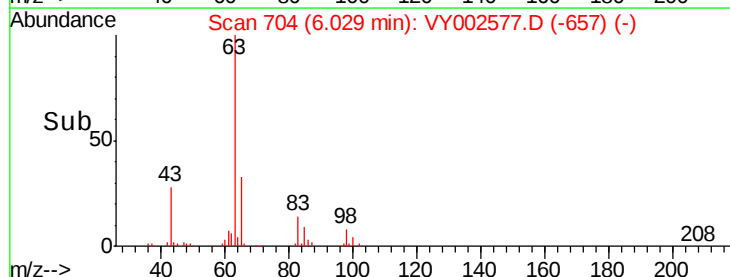
20000

10000

0

5.90 6.00 6.10 6.20

Time-->

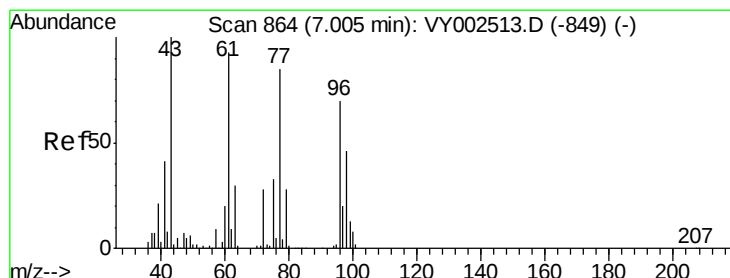
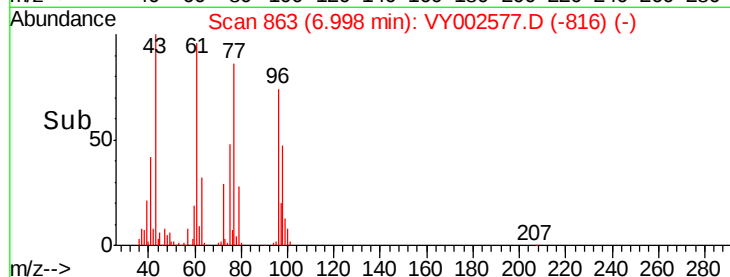
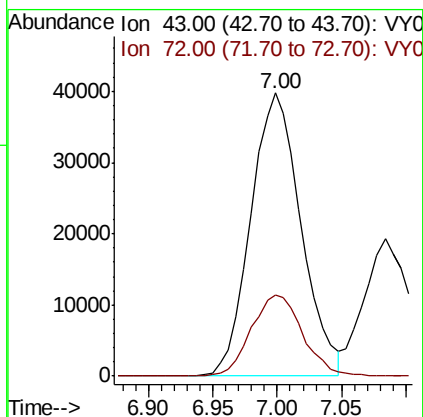
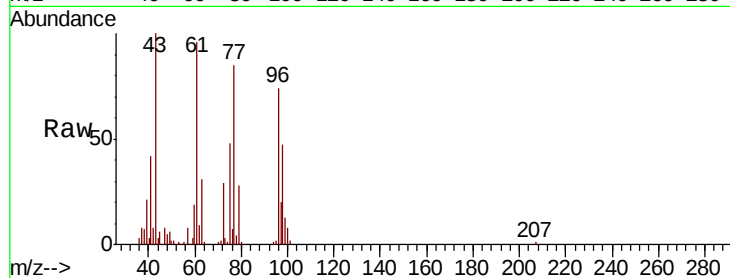




#25
2-Butanone
Concen: 93.555 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

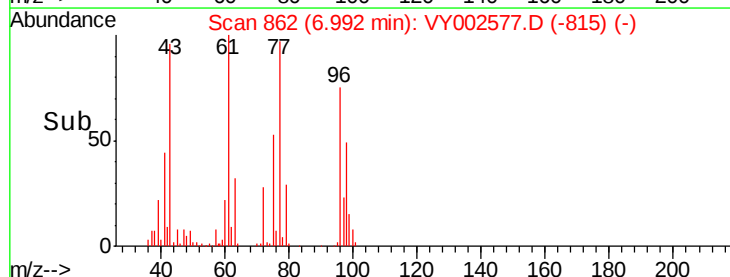
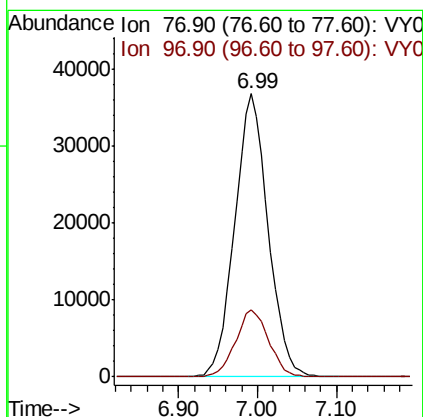
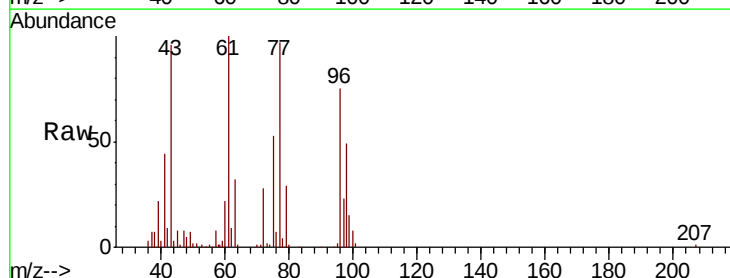
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

Tot Ion: 43 Resp: 107652
Ion Ratio Lower Upper
43 100
72 28.7 24.1 36.1



#26
2,2-Dichloropropane
Concen: 18.711 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion: 77 Resp: 108173
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5



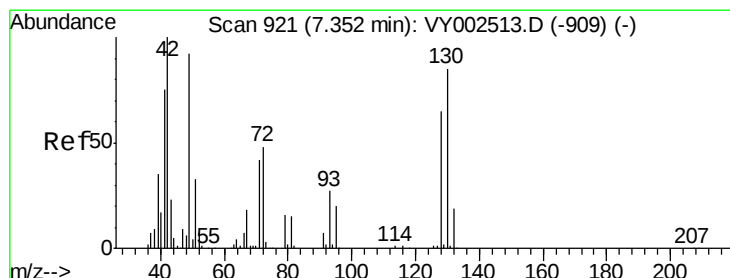
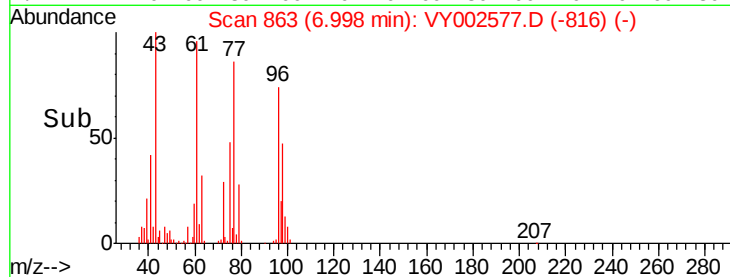
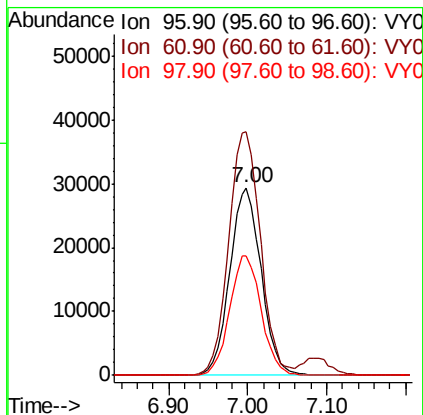
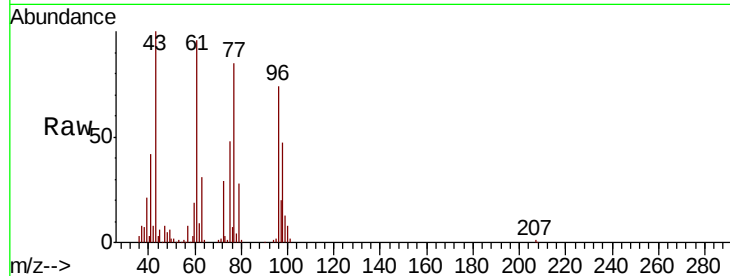


#27

cis-1,2-Dichloroethene
 Concen: 19.204 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

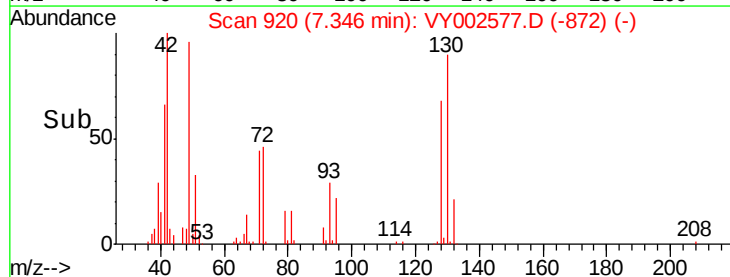
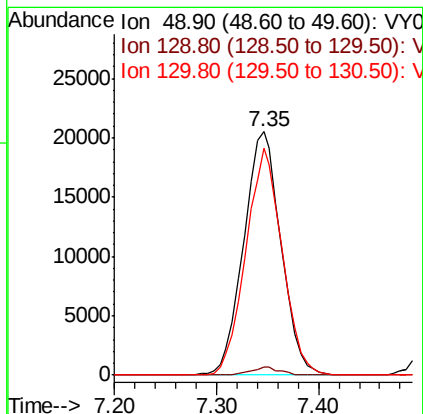
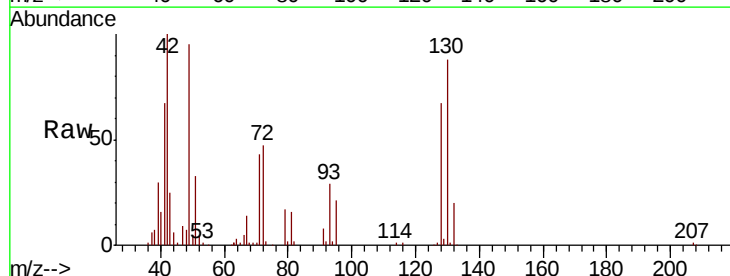
Tot Ion: 96 Resp: 80990
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 266.6
 98 64.1 0.0 129.2

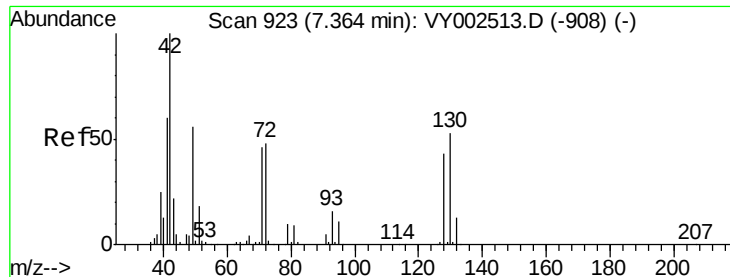


#28

Bromochloromethane
 Concen: 20.944 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

Tgt Ion: 49 Resp: 52192
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 90.5 72.5 108.7

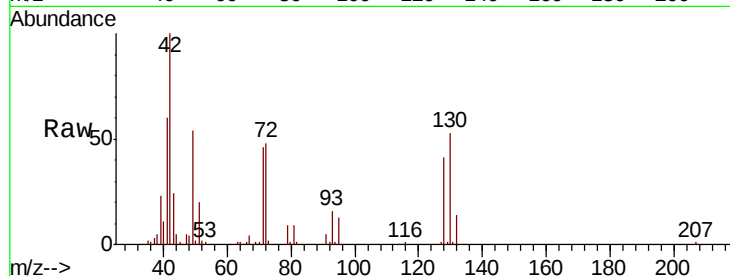




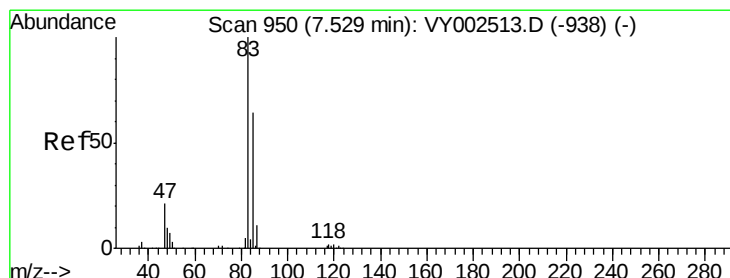
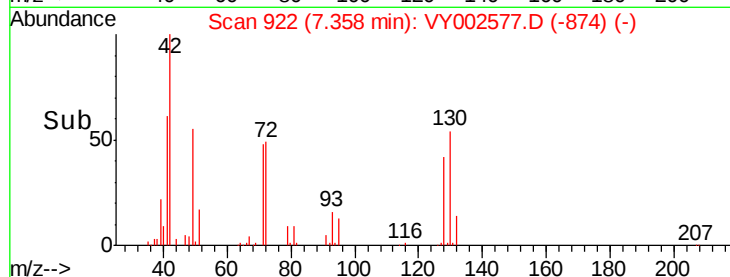
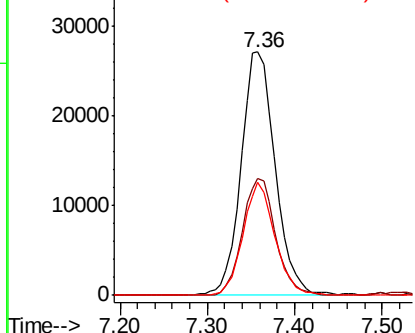
#29
Tetrahydrofuran
Concen: 96.342 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

Tot Ion: 42 Resp: 73346
Ion Ratio Lower Upper
42 100
72 46.5 37.4 56.2
71 43.3 35.0 52.4

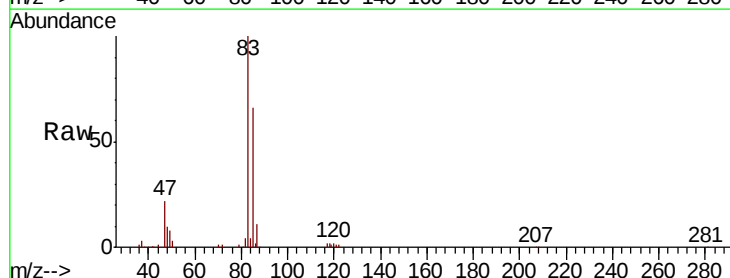


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

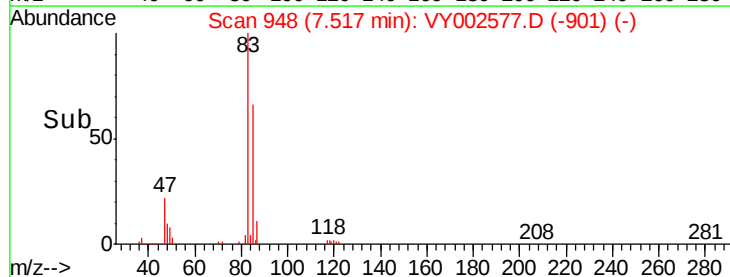
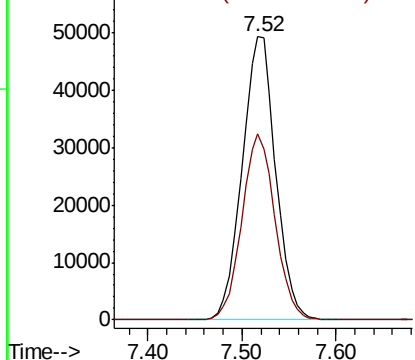


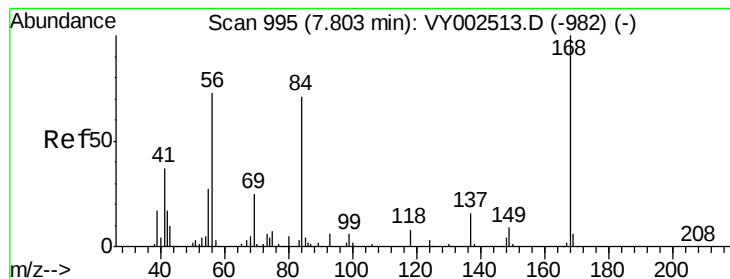
#30
Chloroform
Concen: 19.420 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion: 83 Resp: 122813
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3



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





#31

Cyclohexane

Concen: 18.573 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

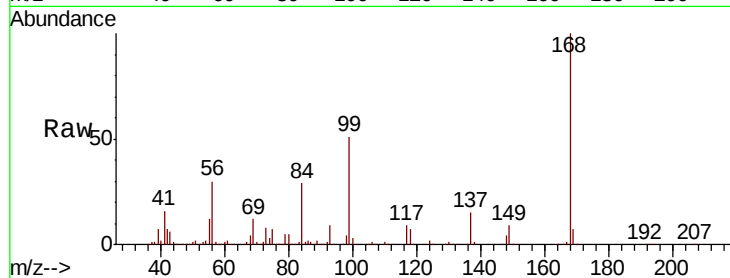
Tot Ion: 56 Resp: 113705

Ion Ratio Lower Upper

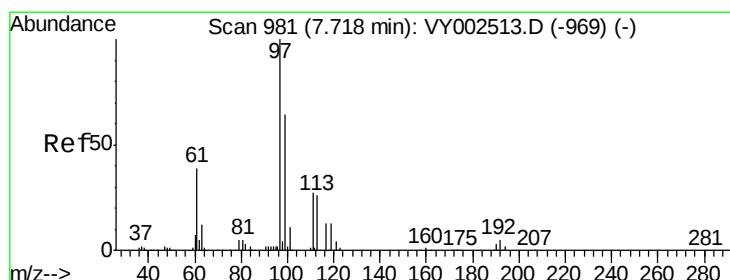
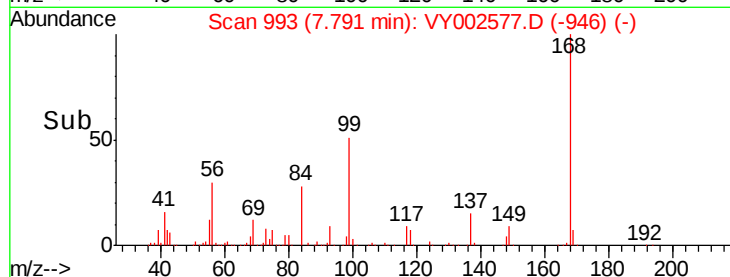
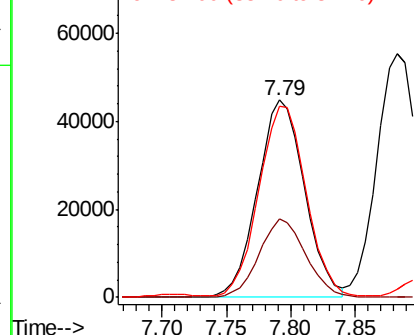
56 100

69 39.7 27.6 41.4

84 95.6 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: 18.743 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

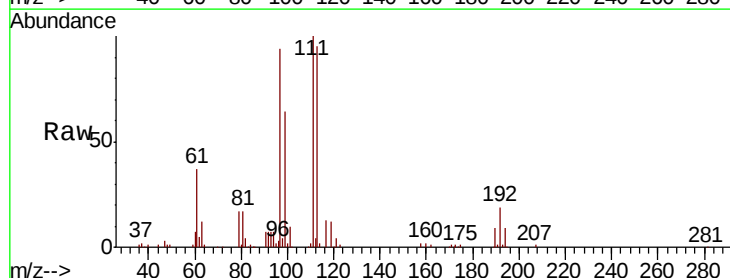
Tgt Ion: 97 Resp: 110168

Ion Ratio Lower Upper

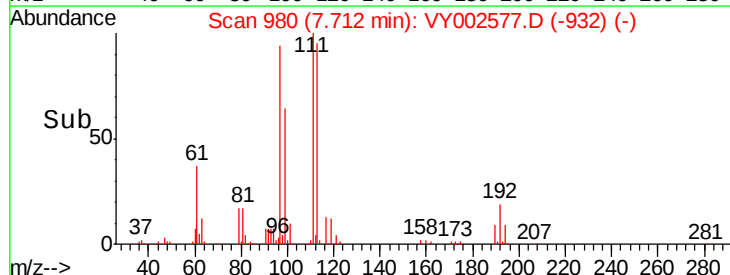
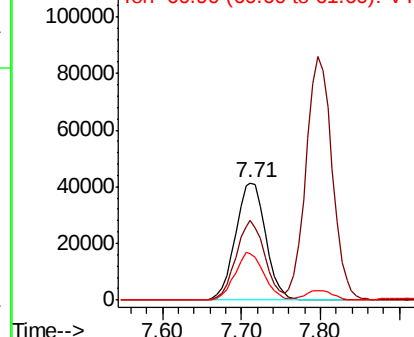
97 100

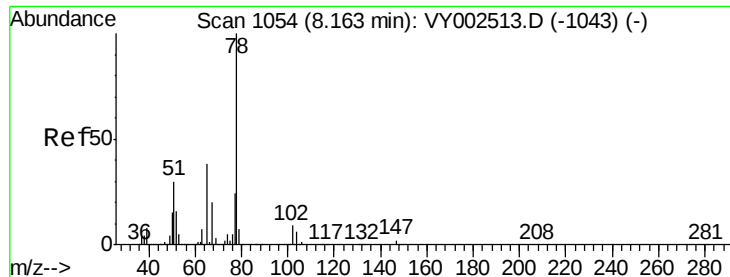
99 64.7 51.9 77.9

61 39.1 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

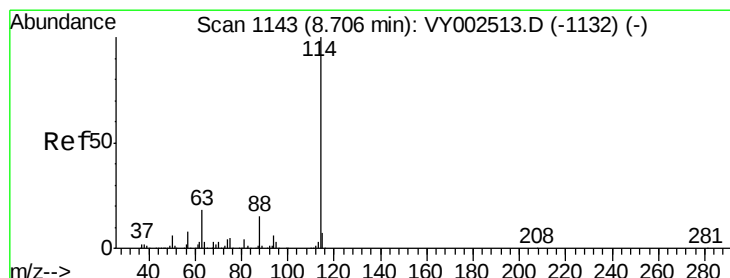
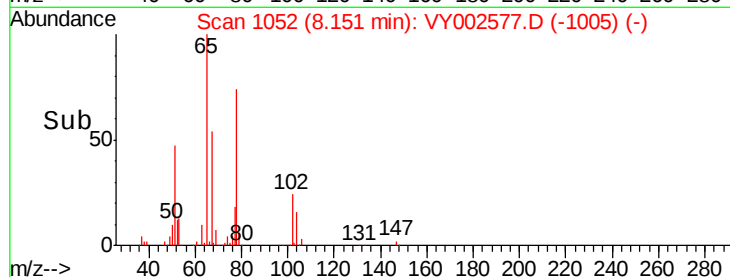
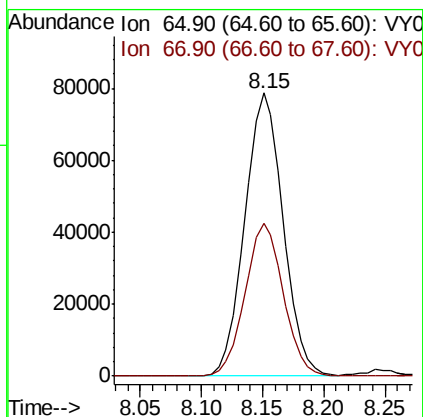
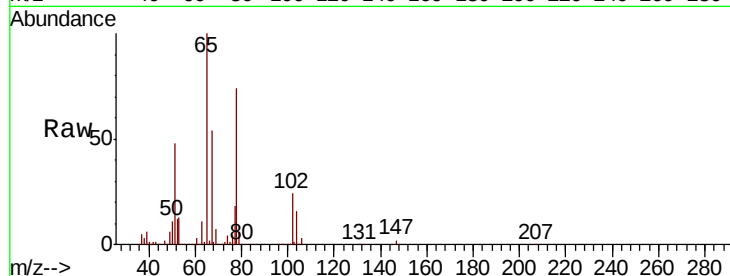




#33
 1,2-Dichloroethane-d4
 Concen: 50.337 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

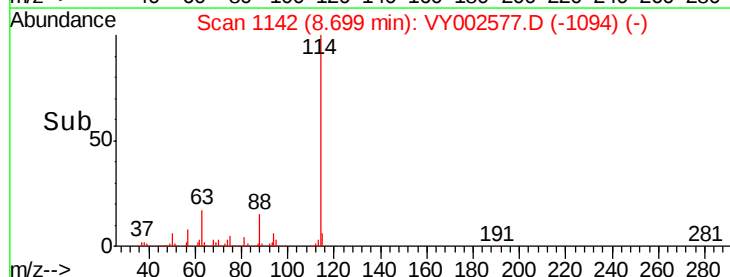
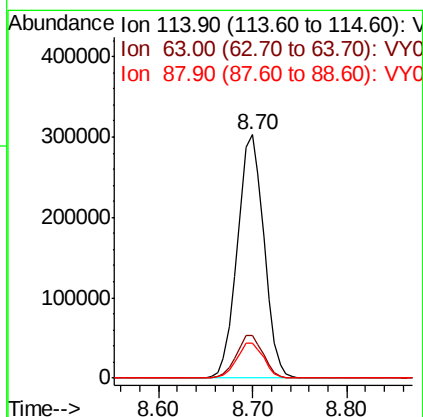
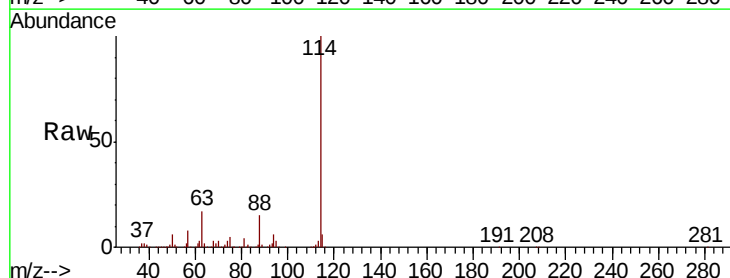
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

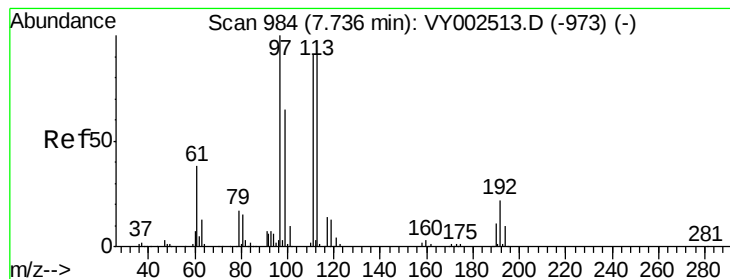
Tot Ion: 65 Resp: 171454
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

Tgt Ion: 114 Resp: 596100
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.4
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.397 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

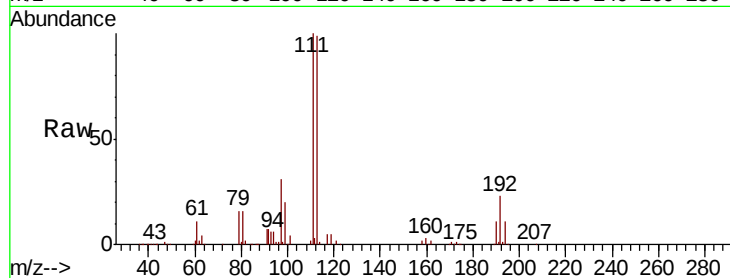
Tot Ion:113 Resp: 178627

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

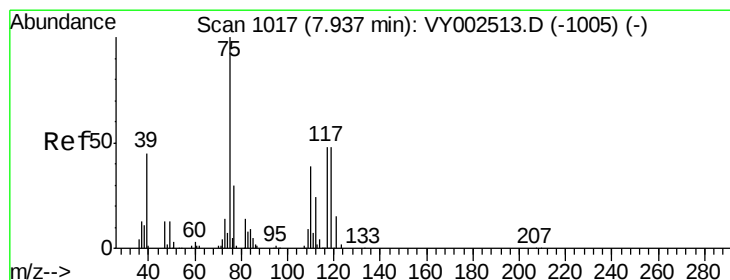
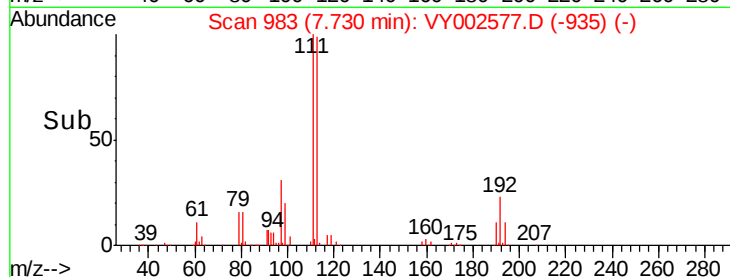
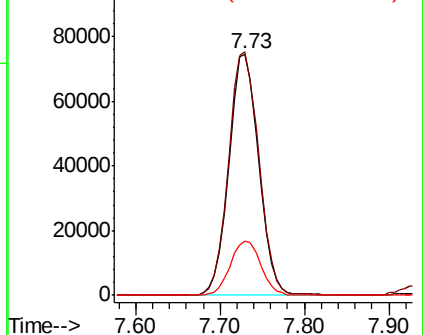
192 23.1 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.090 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

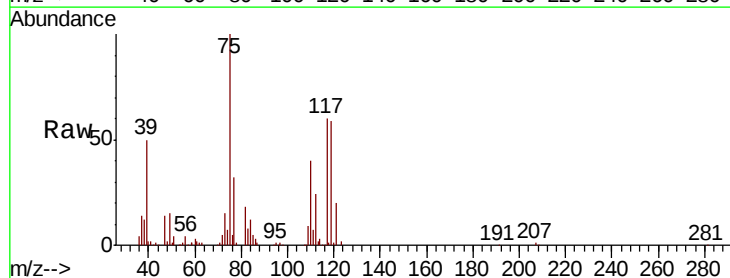
Tgt Ion: 75 Resp: 95397

Ion Ratio Lower Upper

75 100

110 37.7 19.1 57.3

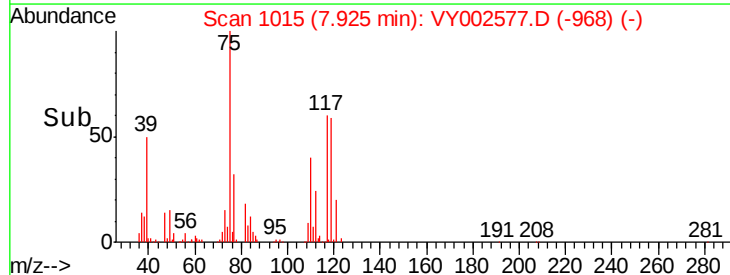
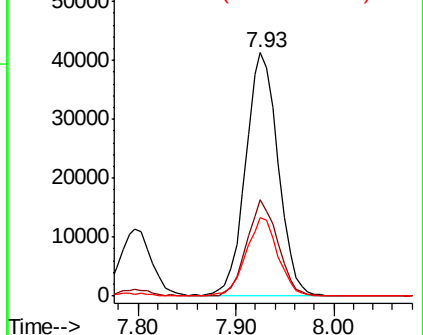
77 31.6 24.6 37.0

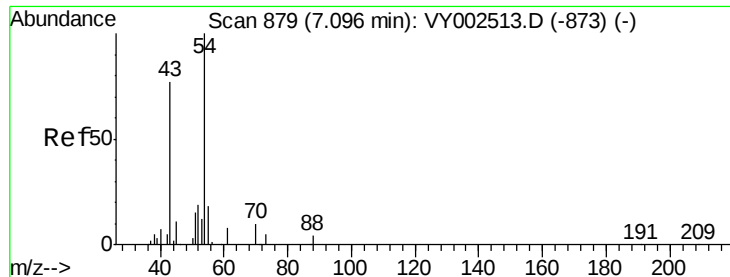


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

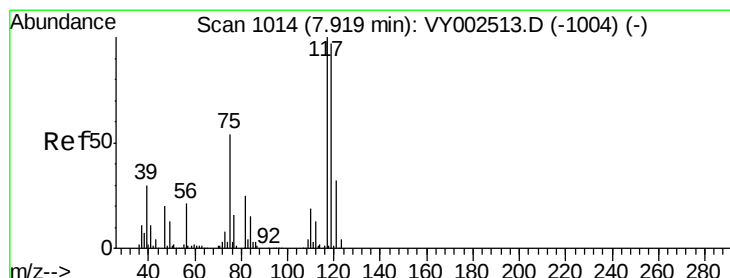
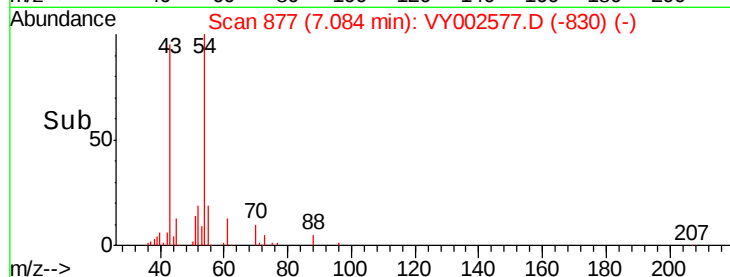
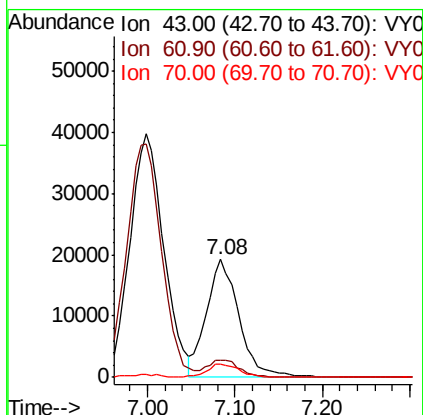
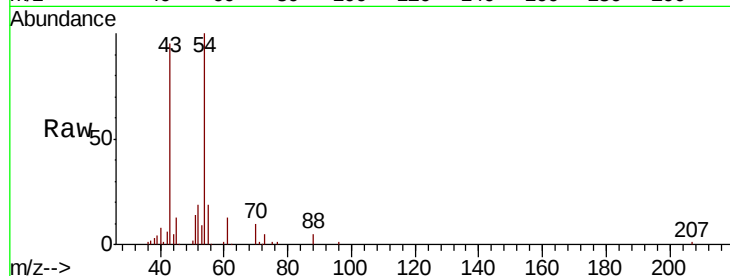




#37
Ethyl Acetate
Concen: 19.370 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

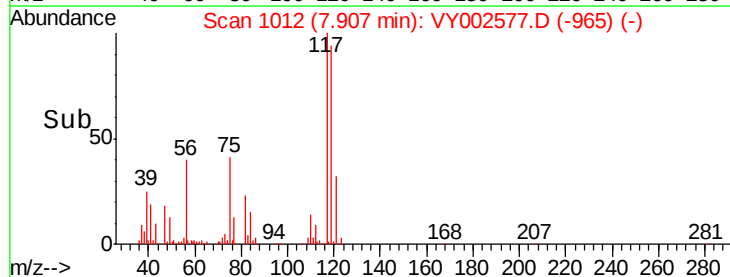
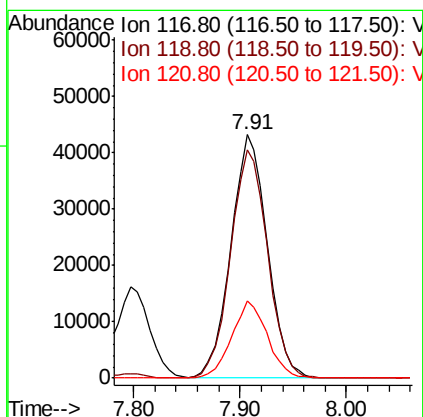
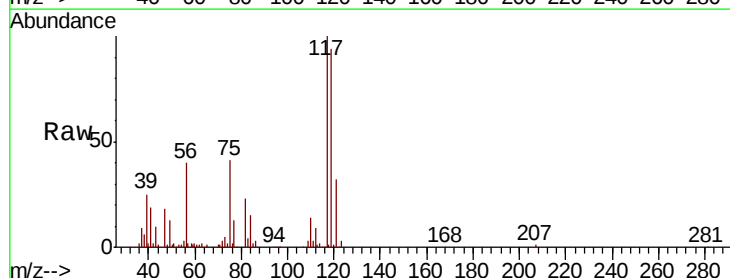
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

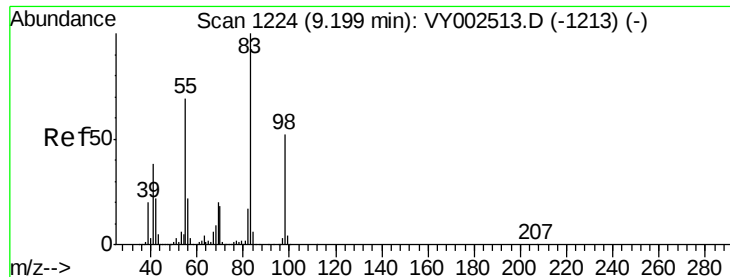
Tot Ion: 43 Resp: 49741
Ion Ratio Lower Upper
43 100
61 14.2 11.6 17.4
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.000 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion: 117 Resp: 103657
Ion Ratio Lower Upper
117 100
119 93.9 77.1 115.7
121 31.7 25.2 37.8

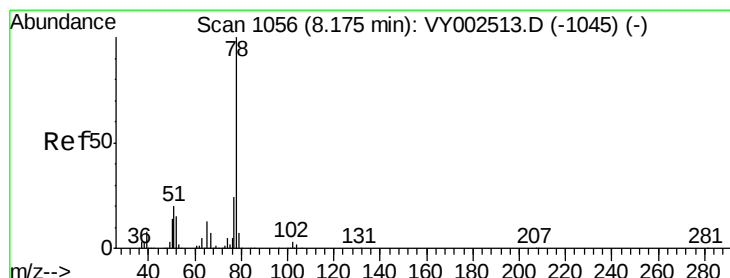
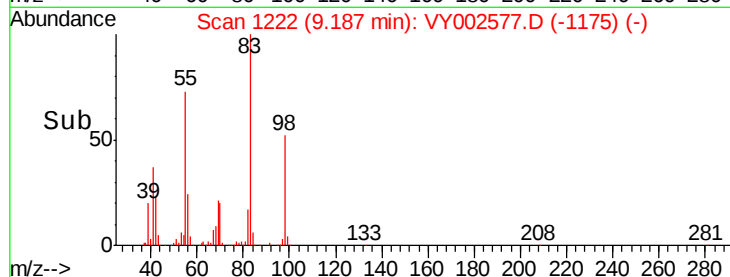
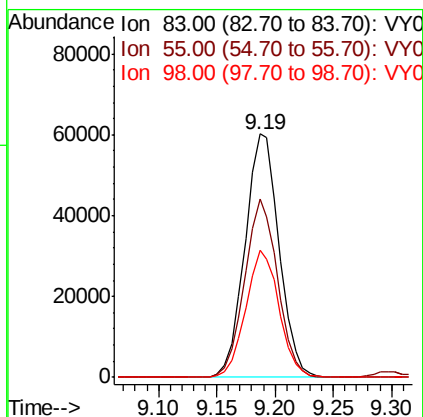
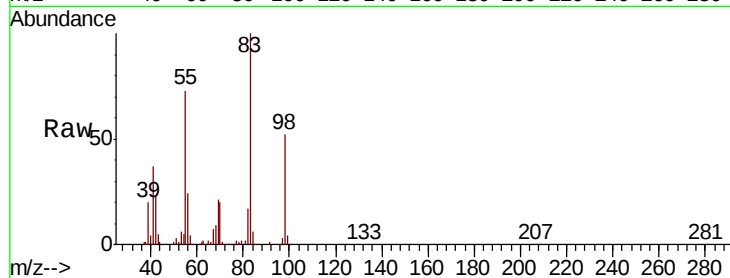




#39
Methylcyclohexane
Concen: 18.574 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

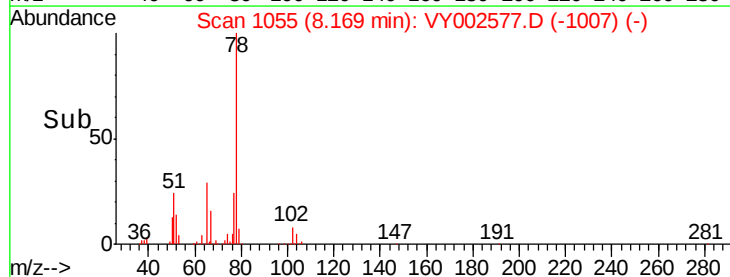
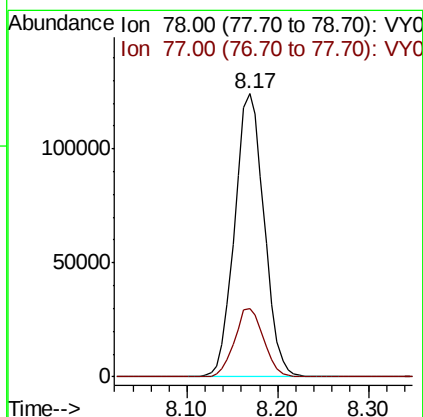
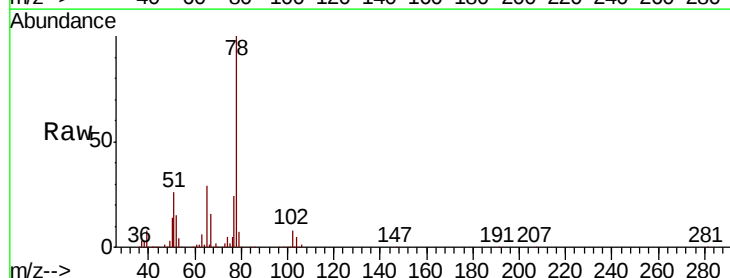
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

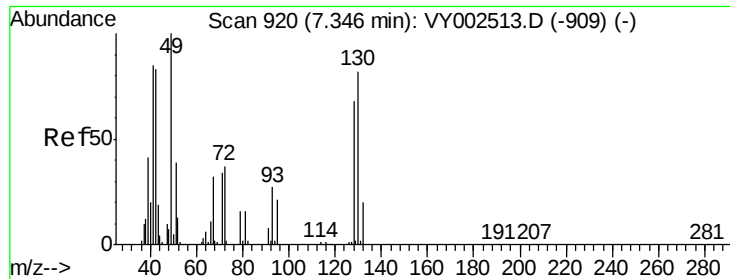
Tot Ion: 83 Resp: 122592
Ion Ratio Lower Upper
83 100
55 73.3 55.4 83.0
98 52.1 41.3 61.9



#40
Benzene
Concen: 19.339 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion: 78 Resp: 279122
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8

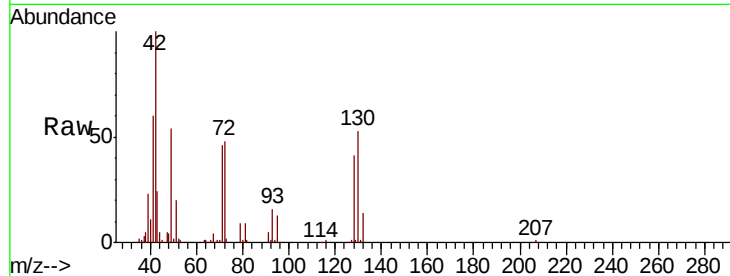




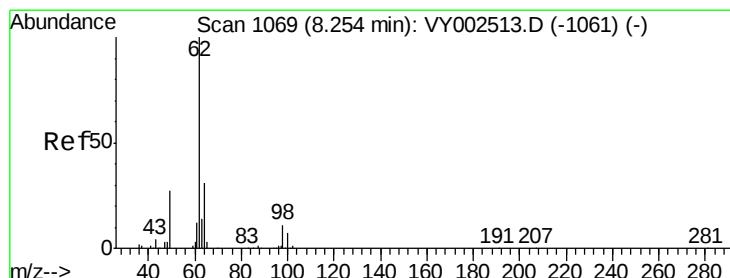
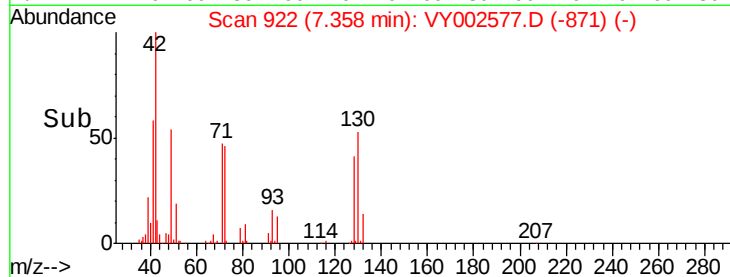
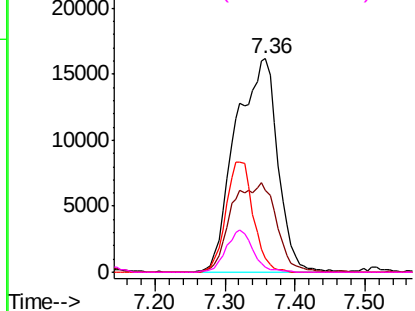
#41
Methacrylonitrile
Concen: 49.142 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

Tot Ion:	41	Resp:	67850
Ion	Ratio	Lower	Upper
41	100		
39	44.3	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

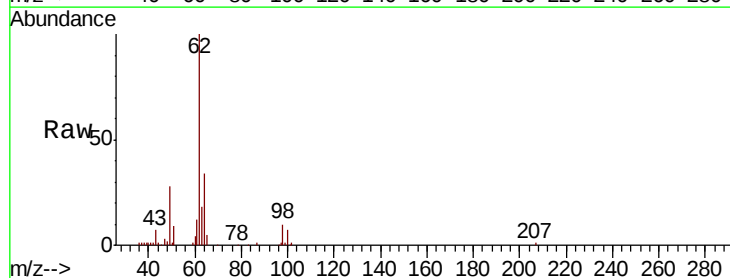


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

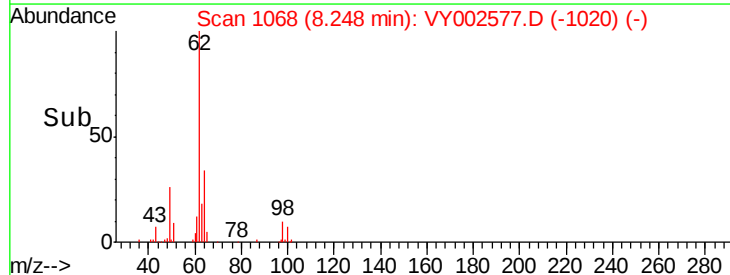
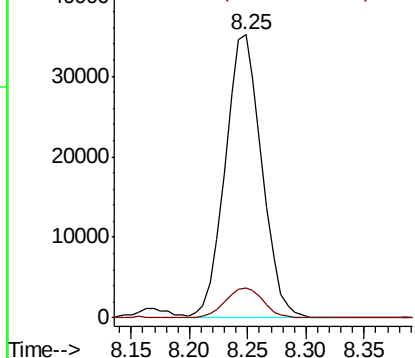


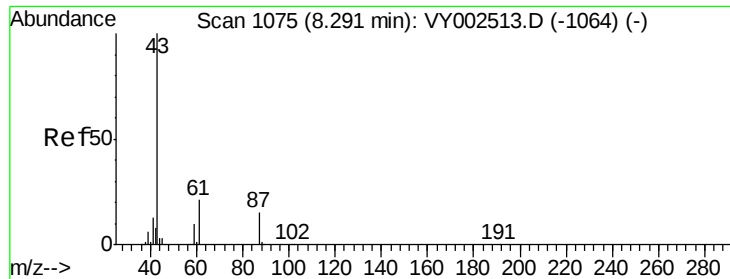
#42
1,2-Dichloroethane
Concen: 18.901 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion:	62	Resp:	76520
Ion	Ratio	Lower	Upper
62	100		
98	11.0	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: 19.320 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

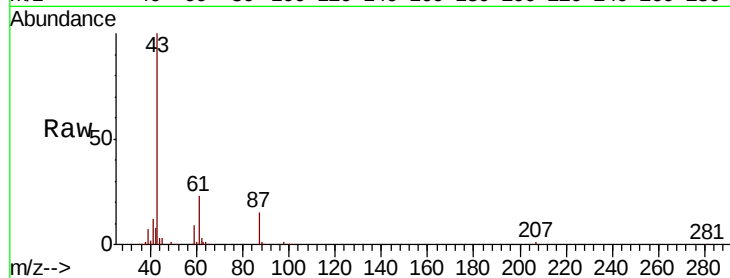
Tot Ion: 43 Resp: 93008

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

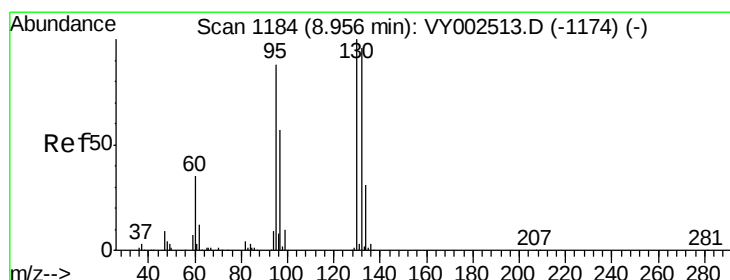
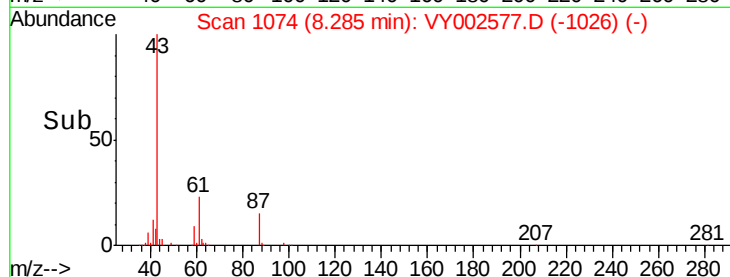
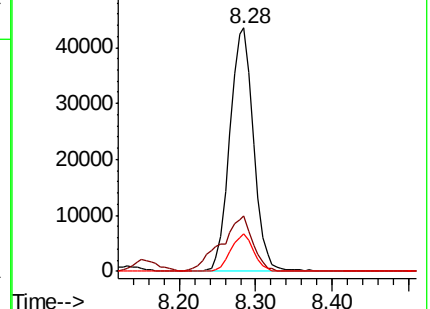
87 14.7 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY002513.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY002513.D (-1064) (-)



#44

Trichloroethene

Concen: 19.665 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002577.D

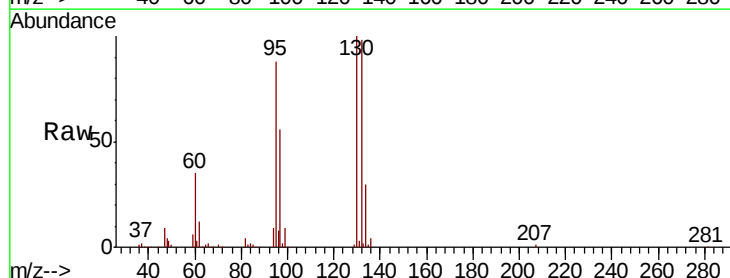
Acq: 05 May 2020 11:23

Tgt Ion: 130 Resp: 88700

Ion Ratio Lower Upper

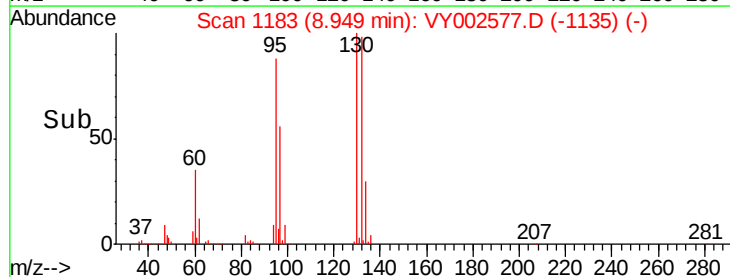
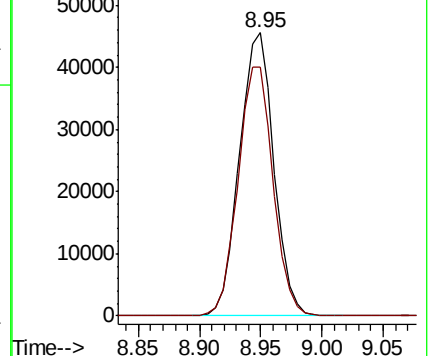
130 100

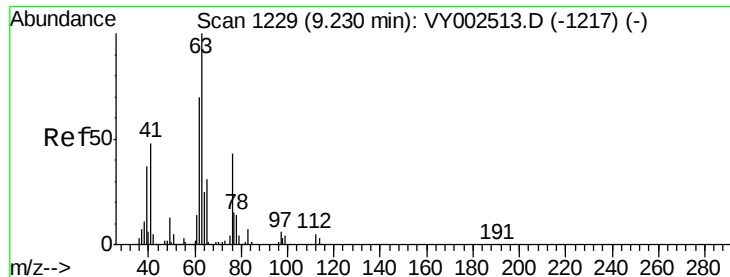
95 88.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002513.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002513.D (-1174) (-)





#45

1,2-Dichloropropane

Concen: 19.785 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

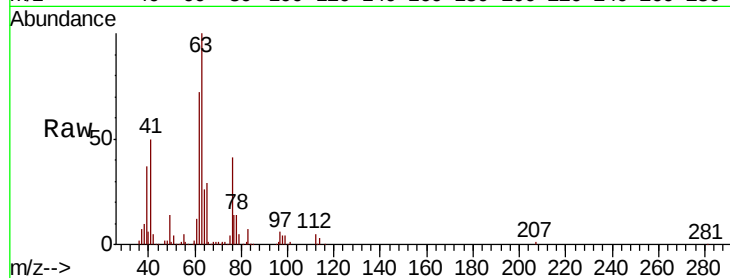
VY0505SBS01

Tot Ion: 63 Resp: 68917

Ion Ratio Lower Upper

63 100

65 29.3 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

40000

30000

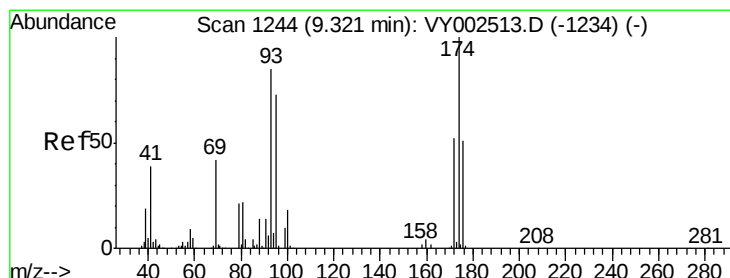
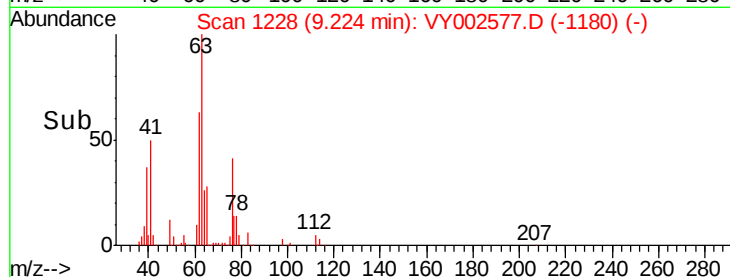
20000

10000

0

Time-->

9.10 9.20 9.30



#46

Dibromomethane

Concen: 19.400 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

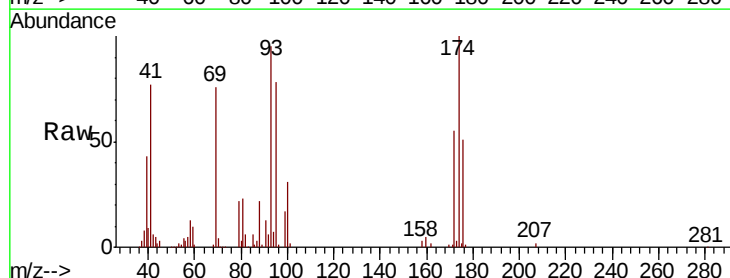
Tgt Ion: 93 Resp: 38881

Ion Ratio Lower Upper

93 100

95 84.7 67.0 100.4

174 114.5 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

9.31

30000

25000

20000

15000

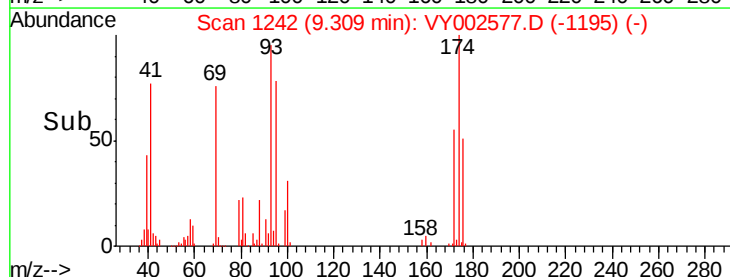
10000

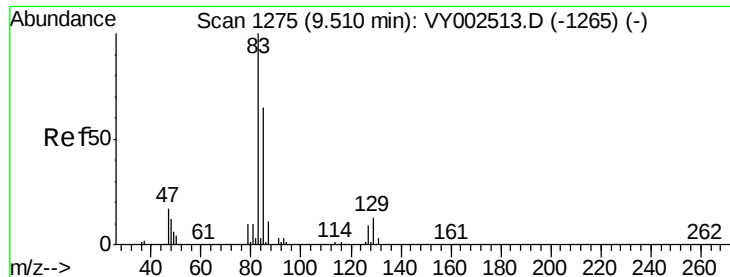
5000

0

Time-->

9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 19.514 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

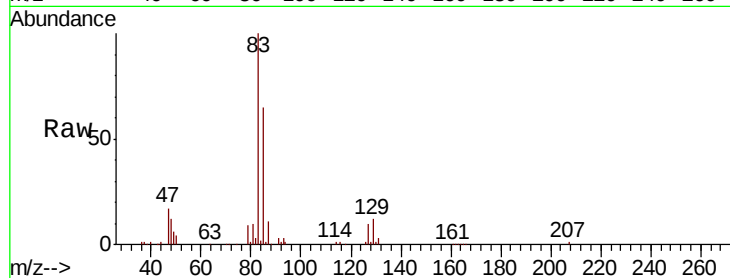
Tot Ion: 83 Resp: 95095

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.8

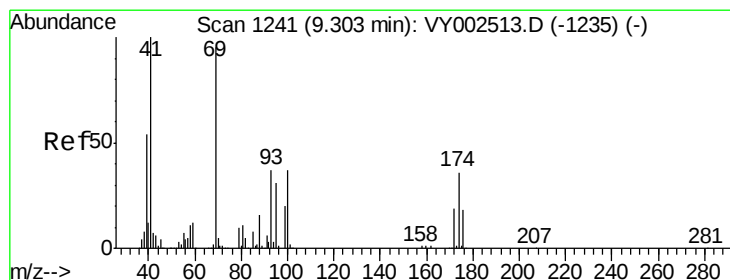
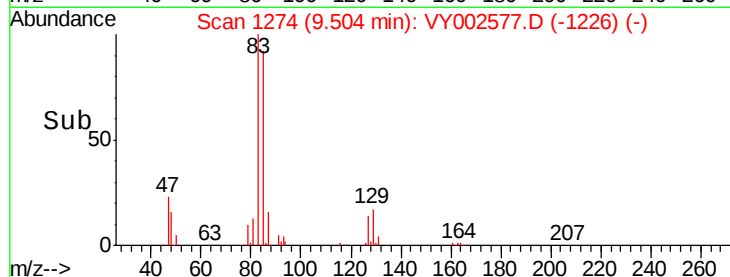
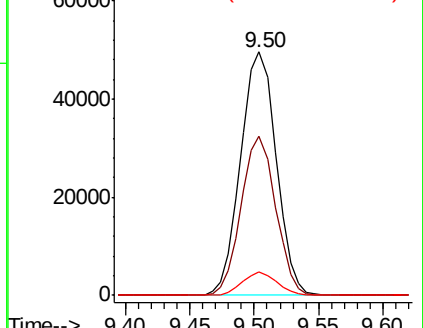
127 9.6 7.4 11.0



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): VY0



#48

Methyl methacrylate

Concen: 18.946 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

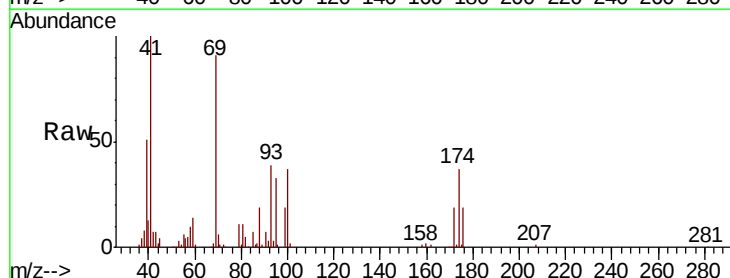
Tgt Ion: 41 Resp: 41277

Ion Ratio Lower Upper

41 100

69 96.7 76.2 114.4

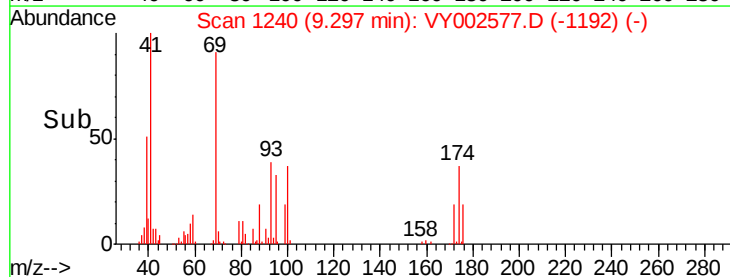
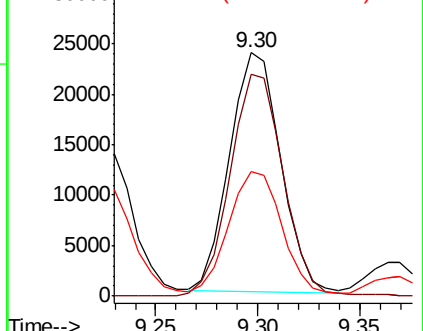
39 55.1 42.7 64.1

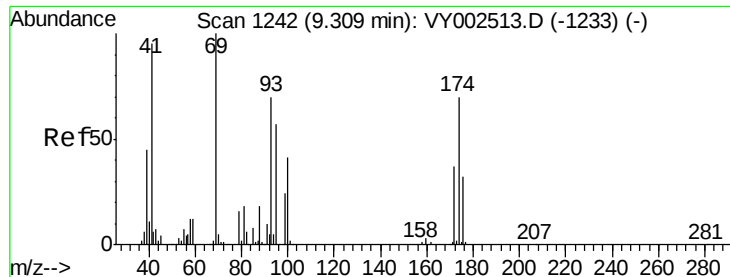


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

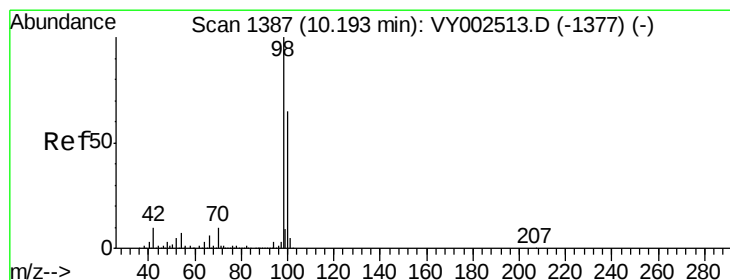
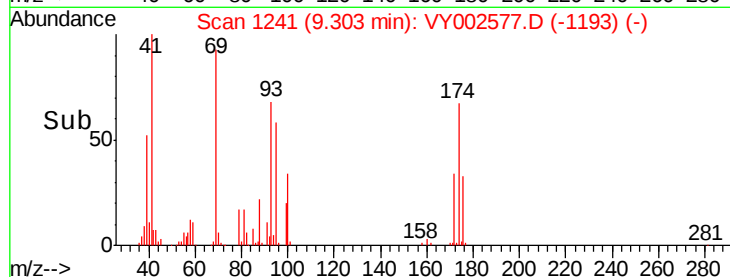
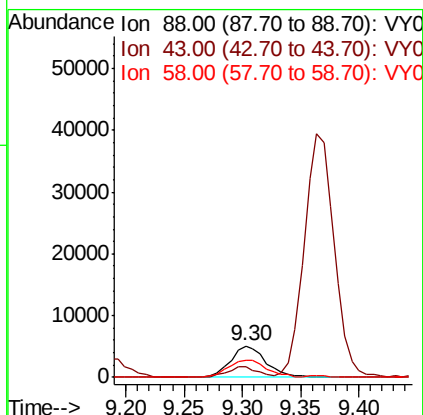
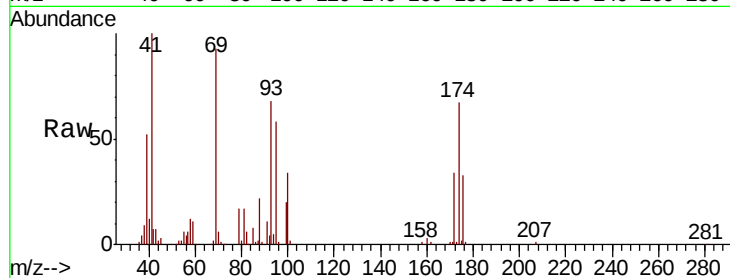




#49
1,4-Dioxane
Concen: 408.055 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

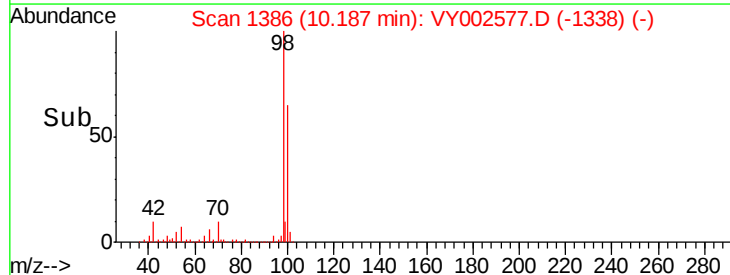
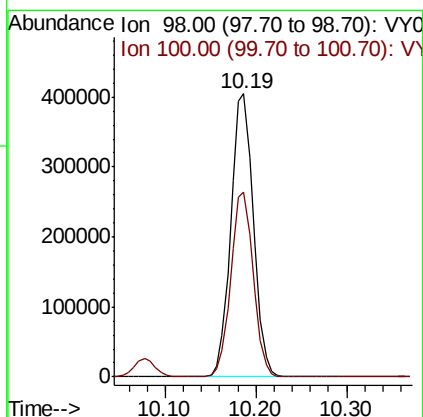
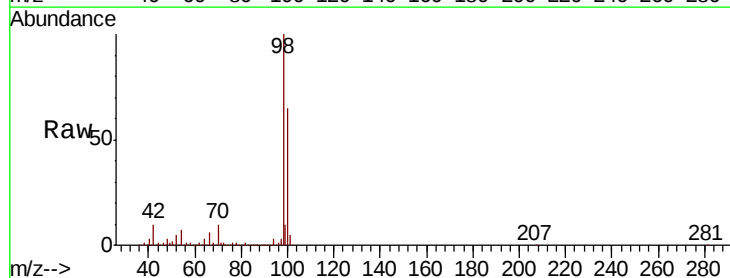
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

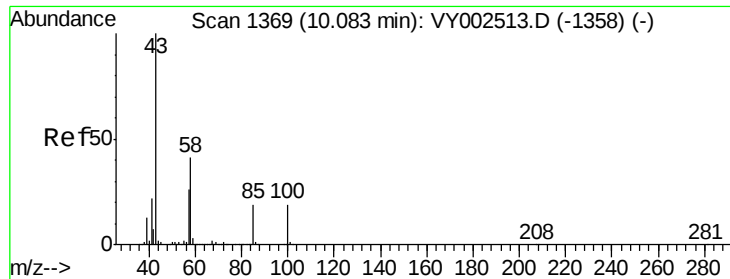
Tot Ion: 88 Resp: 10828
Ion Ratio Lower Upper
88 100
43 29.7 22.8 34.2
58 60.1 51.4 77.2



#50
Toluene-d8
Concen: 52.891 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion: 98 Resp: 704140
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 97.933 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

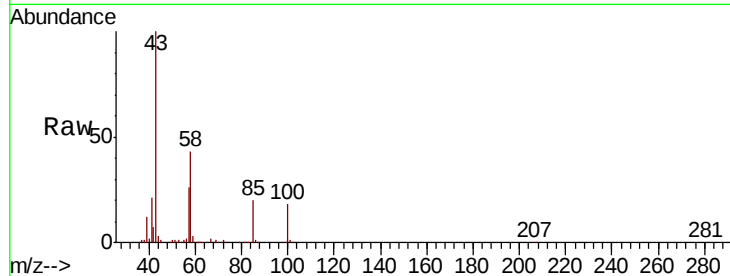
VY0505SBS01

Tot Ion: 43 Resp: 243010

Ion Ratio Lower Upper

43 100

58 41.8 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

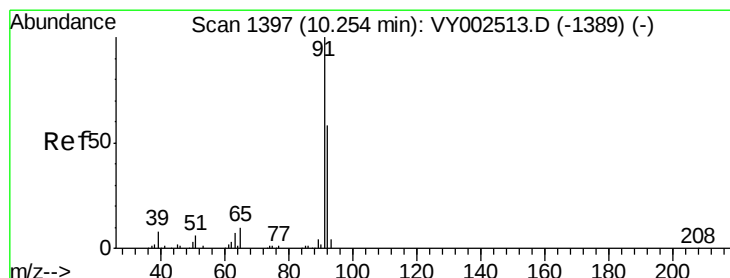
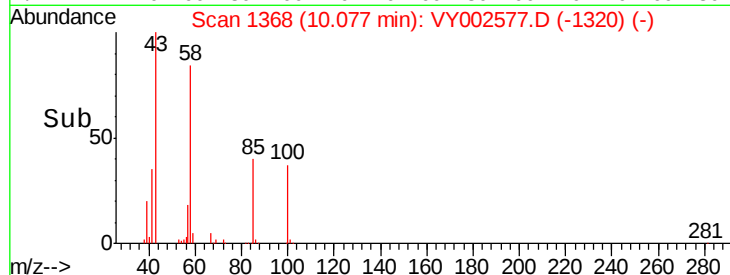
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.296 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002577.D

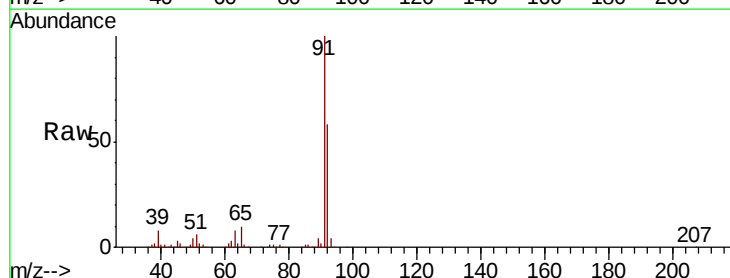
Acq: 05 May 2020 11:23

Tgt Ion: 92 Resp: 178984

Ion Ratio Lower Upper

92 100

91 172.3 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

200000

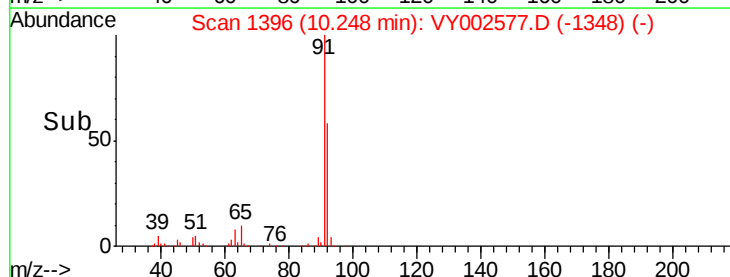
150000

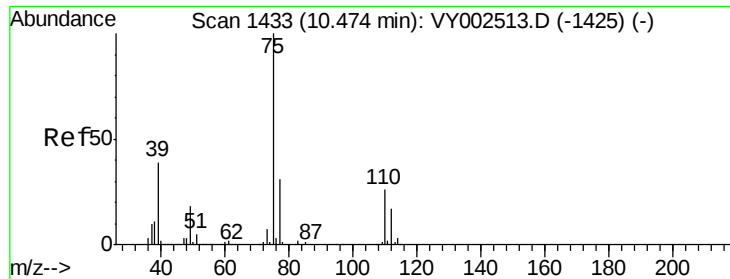
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.438 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

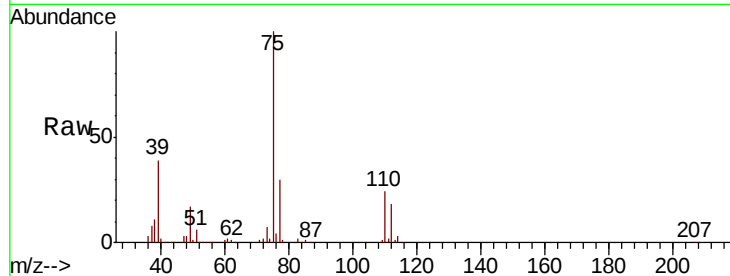
VY0505SBS01

Tot Ion: 75 Resp: 99250

Ion Ratio Lower Upper

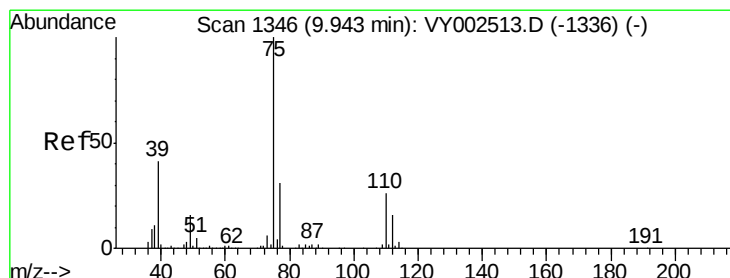
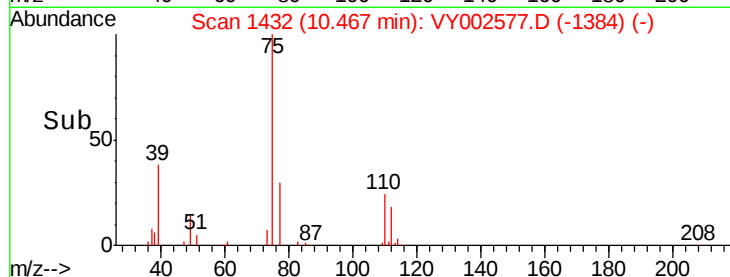
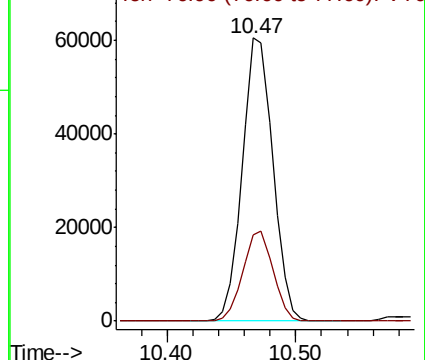
75 100

77 30.5 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.184 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

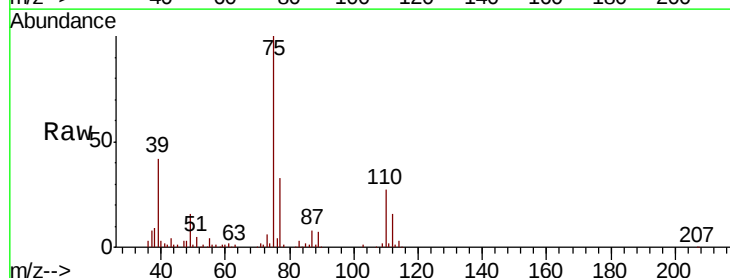
Tgt Ion: 75 Resp: 113238

Ion Ratio Lower Upper

75 100

77 32.7 25.1 37.7

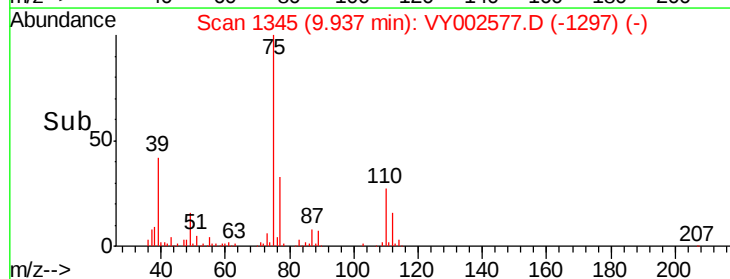
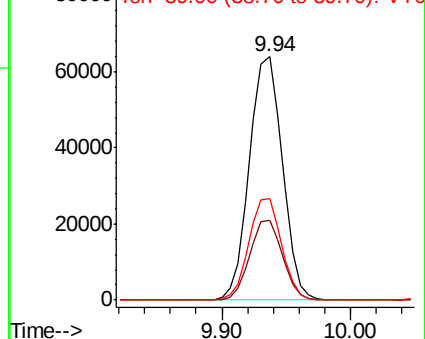
39 41.9 32.7 49.1

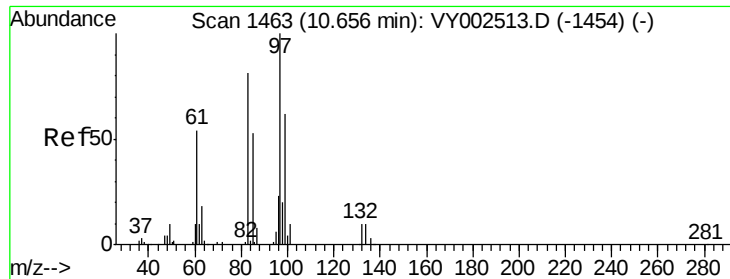


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 19.723 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

Tot Ion: 97 Resp: 57643

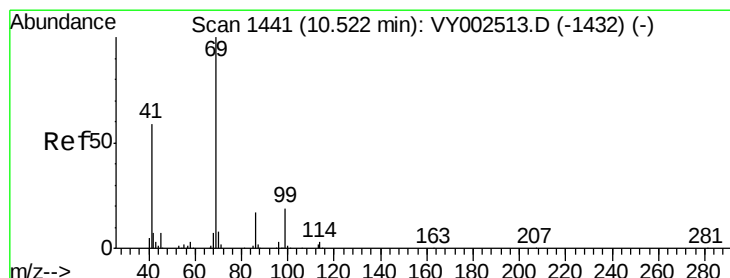
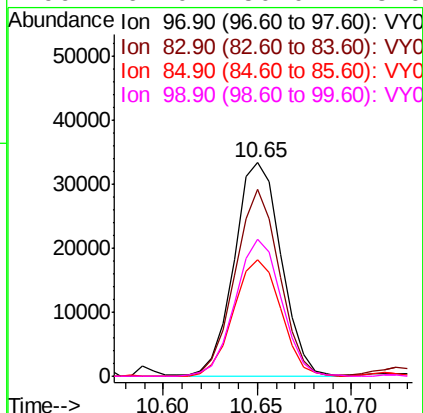
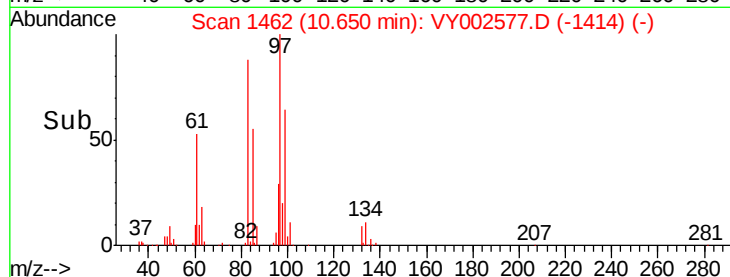
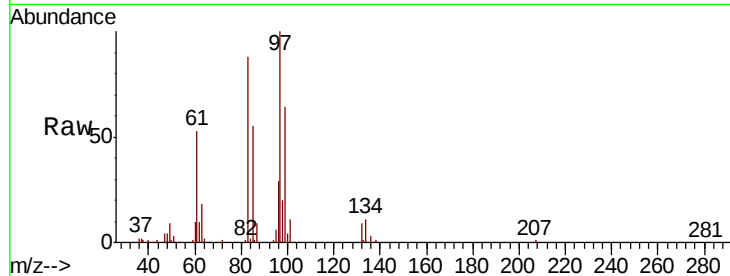
Ion Ratio Lower Upper

97 100

83 87.3 65.1 97.7

85 54.6 42.7 64.1

99 64.0 50.0 75.0



#56

Ethyl methacrylate

Concen: 19.637 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

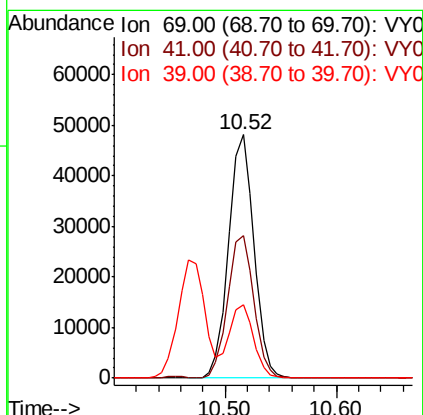
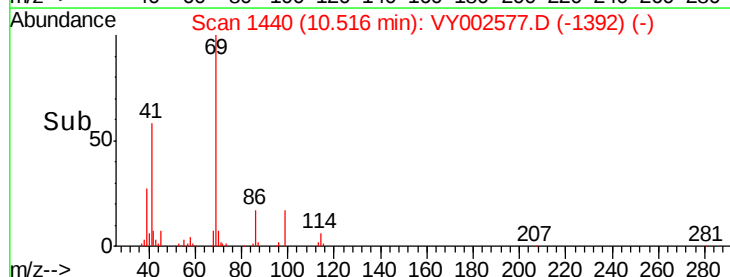
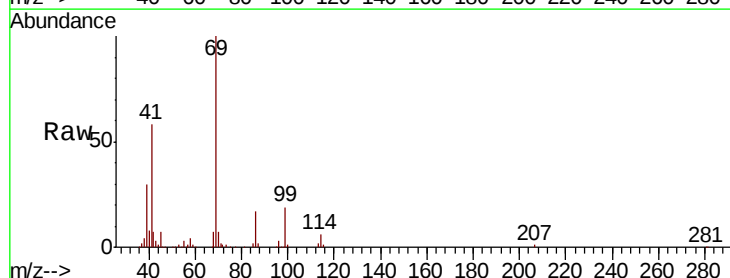
Tgt Ion: 69 Resp: 76348

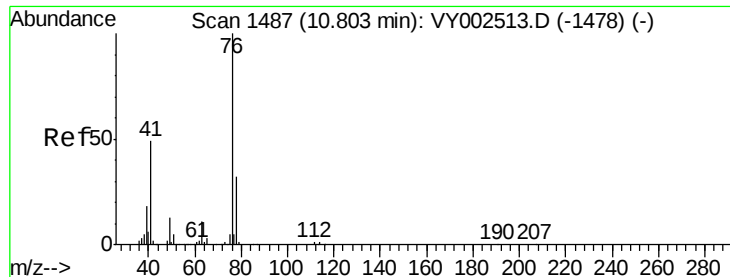
Ion Ratio Lower Upper

69 100

41 59.9 48.6 73.0

39 29.6 25.0 37.4





#57

1,3-Dichloropropane

Concen: 19.440 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

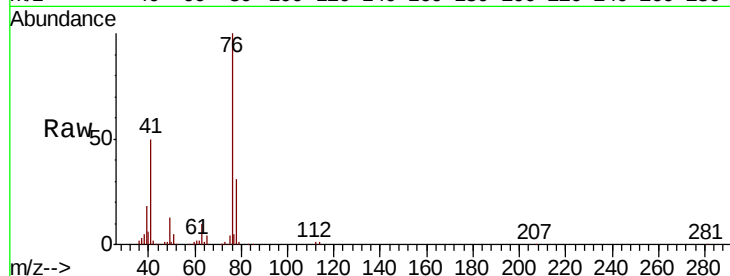
VY0505SBS01

Tot Ion: 76 Resp: 96349

Ion Ratio Lower Upper

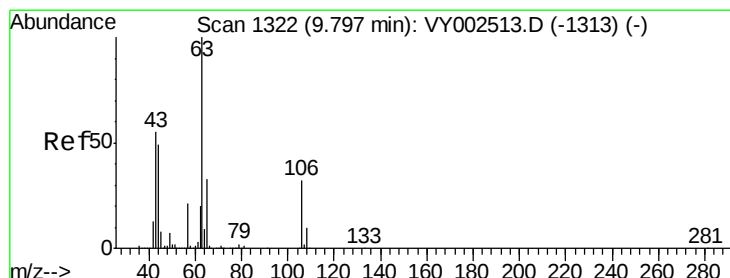
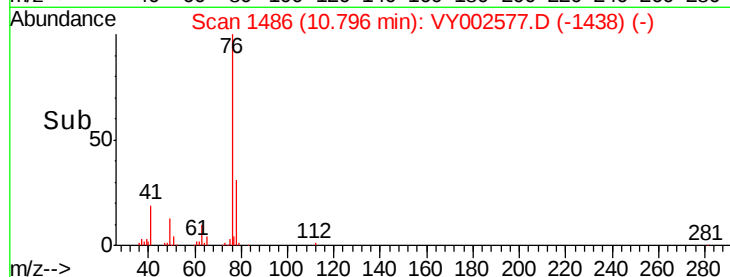
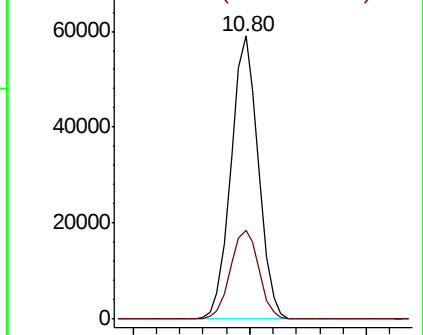
76 100

78 32.9 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: 100.527 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002577.D

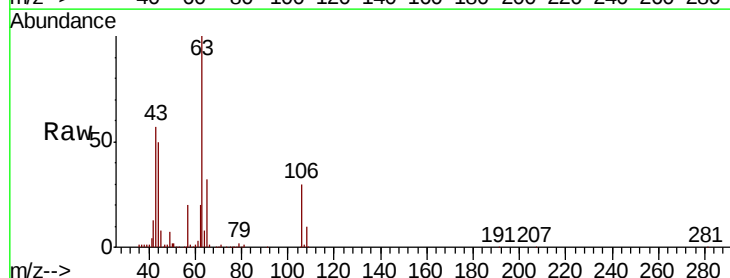
Acq: 05 May 2020 11:23

Tgt Ion: 63 Resp: 206115

Ion Ratio Lower Upper

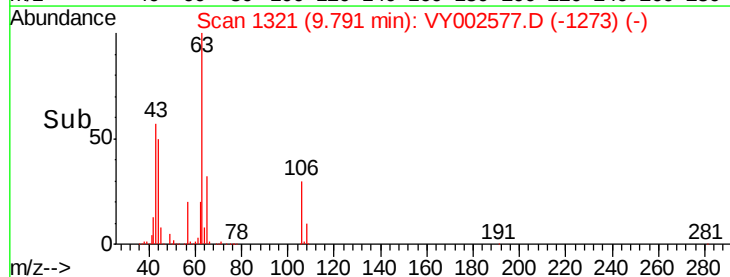
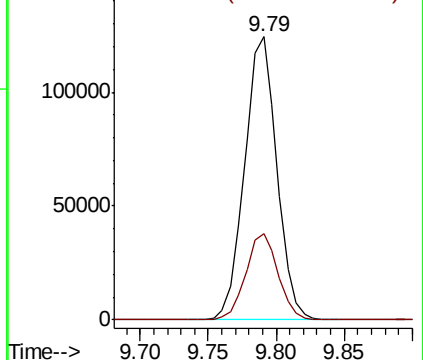
63 100

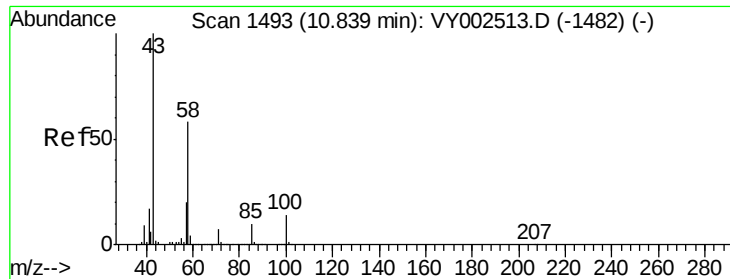
106 30.5 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

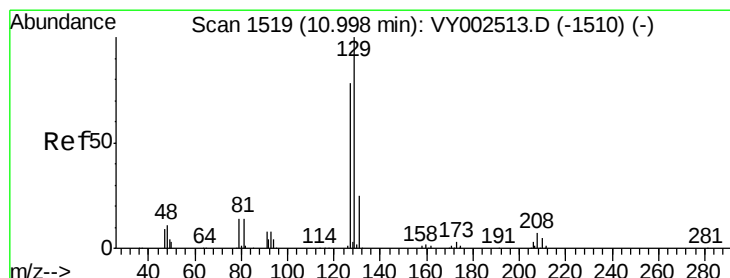
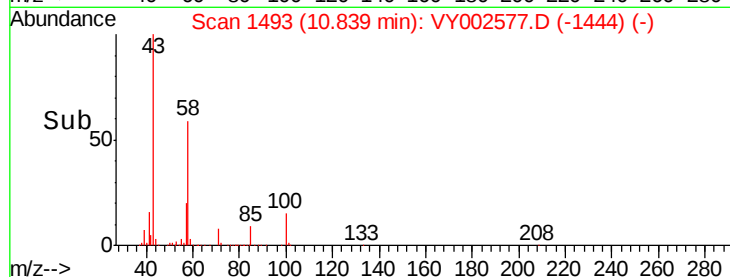
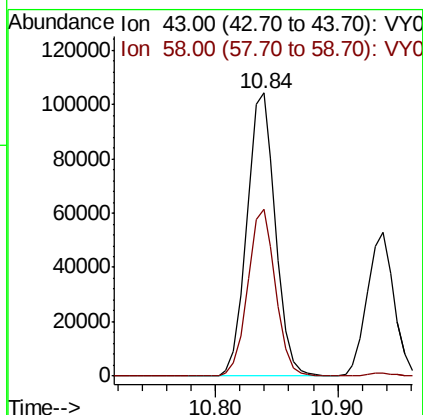
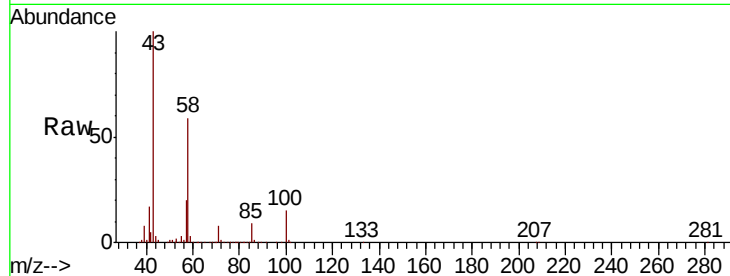




#59
2-Hexanone
Concen: 98.542 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

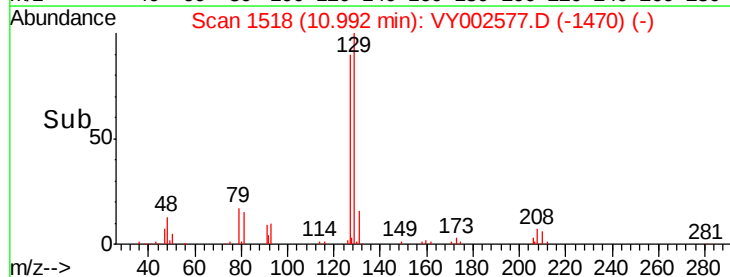
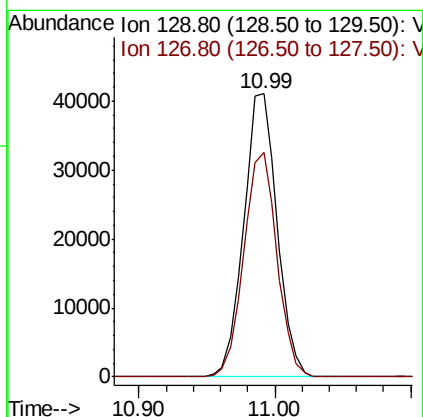
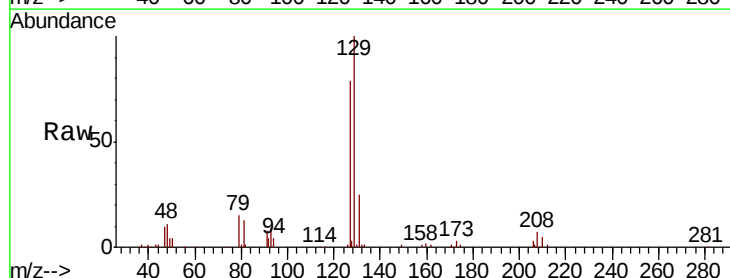
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

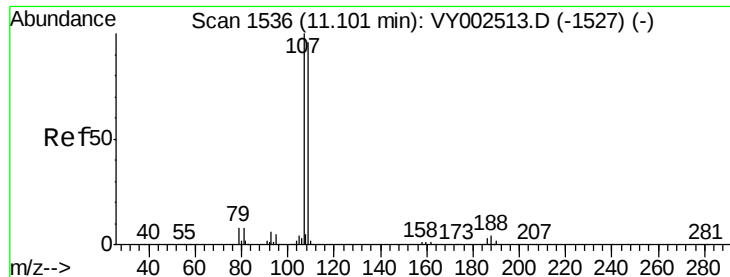
Tot Ion: 43 Resp: 168296
Ion Ratio Lower Upper
43 100
58 57.7 29.1 87.3



#60
Dibromochloromethane
Concen: 19.011 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion: 129 Resp: 70669
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

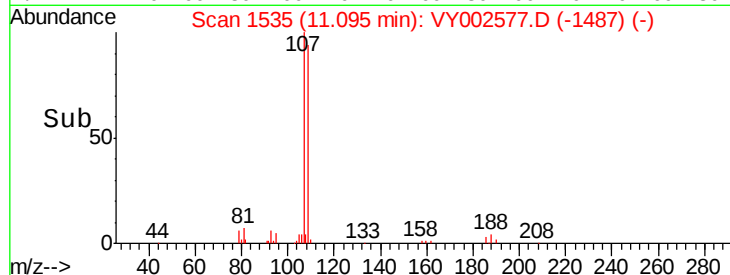
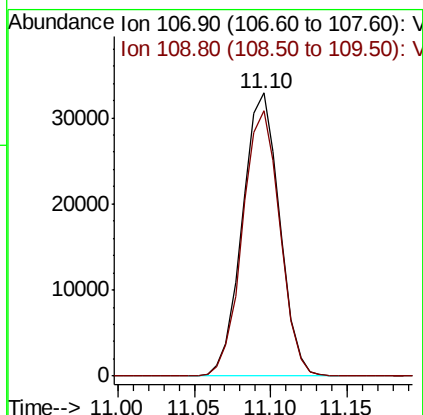
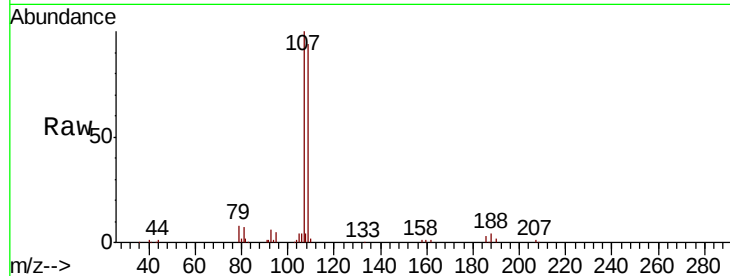




#61
 1,2-Dibromoethane
 Concen: 19.195 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

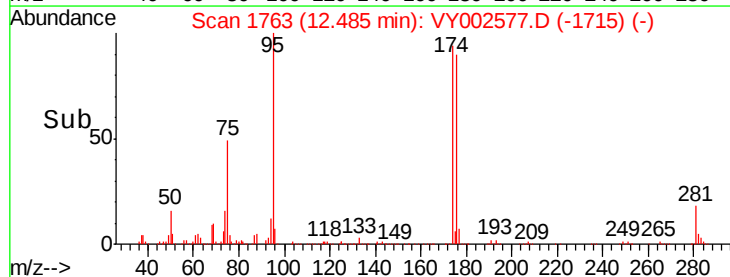
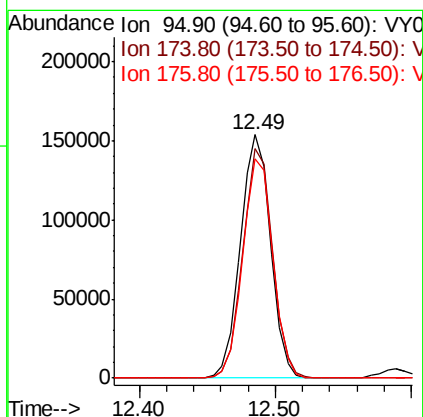
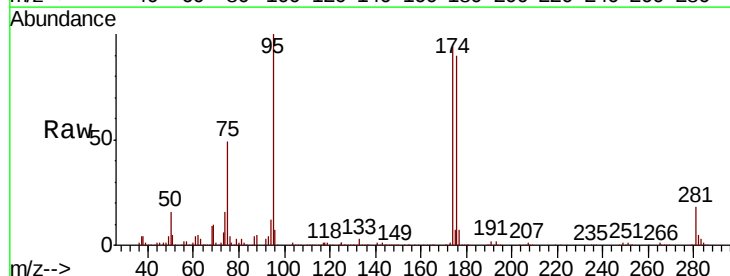
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

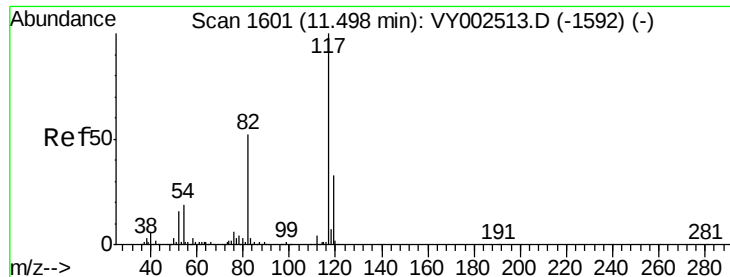
Tot Ion:107 Resp: 55549
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.580 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

Tgt Ion: 95 Resp: 237527
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 188.8
 176 90.8 0.0 183.2

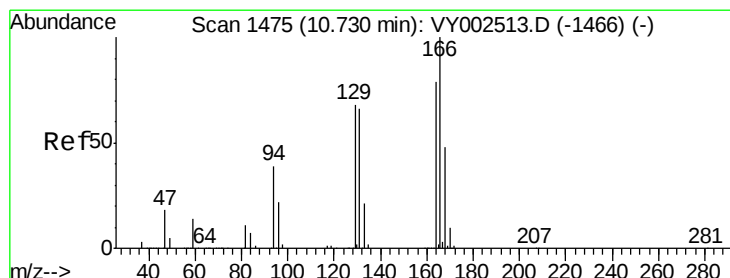
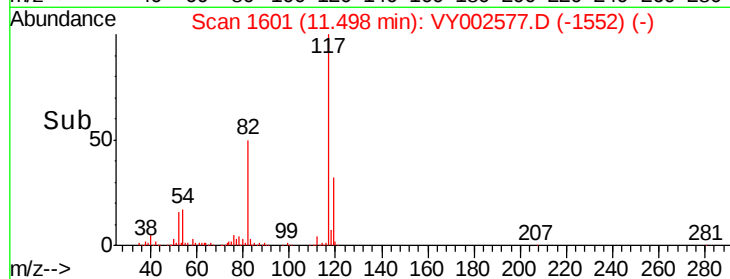
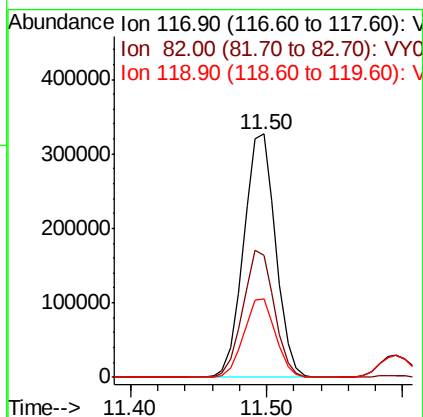
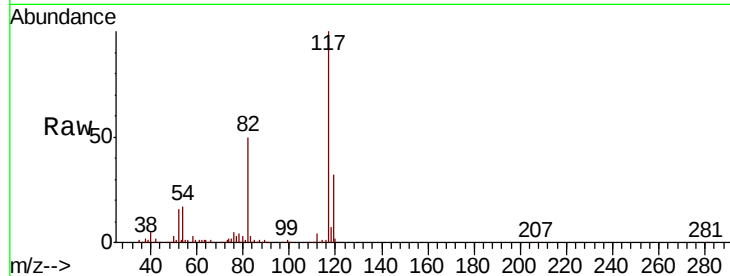




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

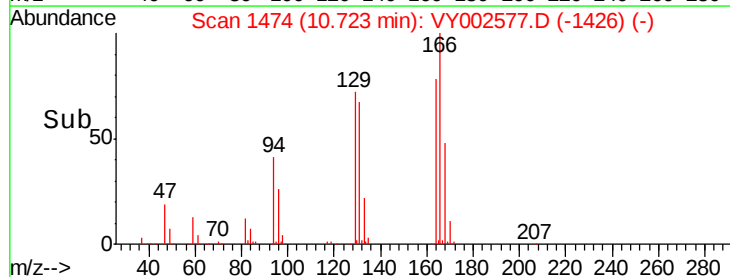
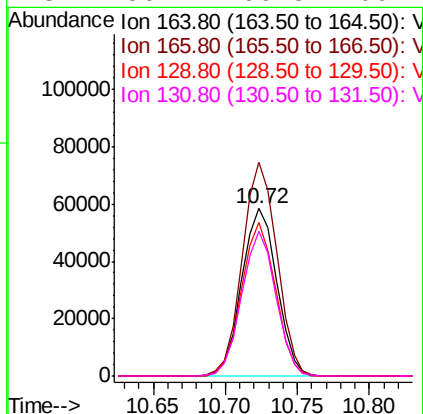
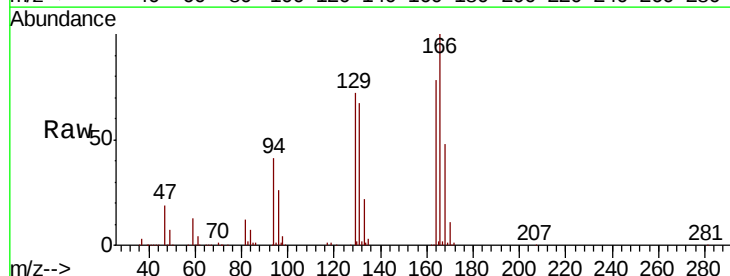
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

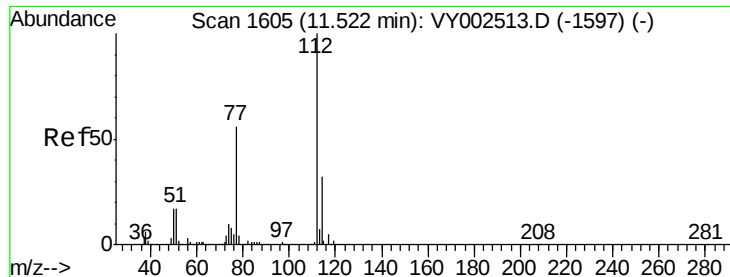
Tot Ion:117 Resp: 535511
Ion Ratio Lower Upper
117 100
82 50.0 41.3 61.9
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 20.725 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion:164 Resp: 98608
Ion Ratio Lower Upper
164 100
166 127.8 100.7 151.1
129 91.8 68.3 102.5
131 86.2 66.8 100.2





#65

Chlorobenzene

Concen: 19.593 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

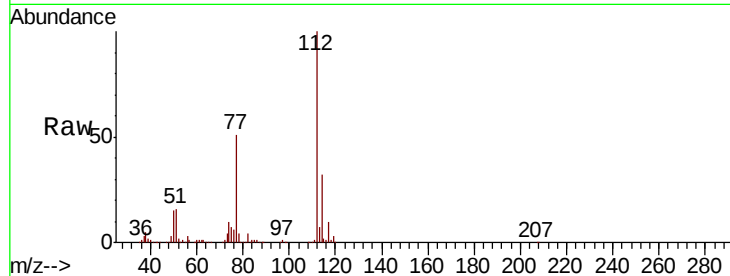
VY0505SBS01

Tot Ion:112 Resp: 199454

Ion Ratio Lower Upper

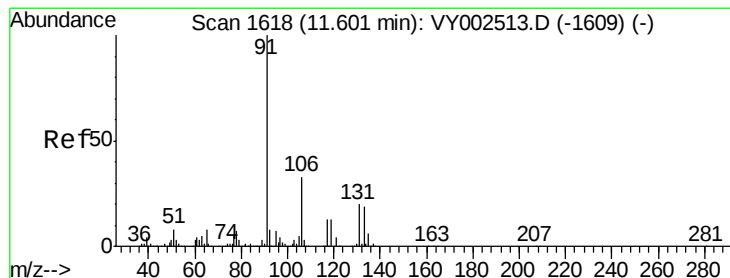
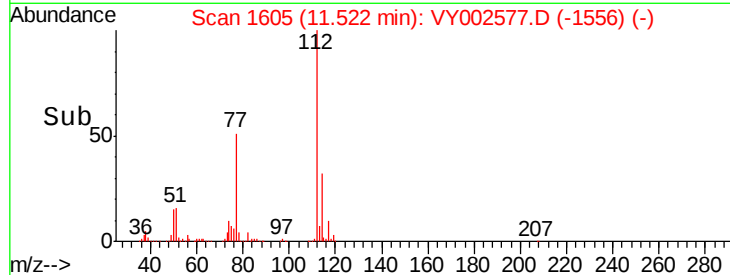
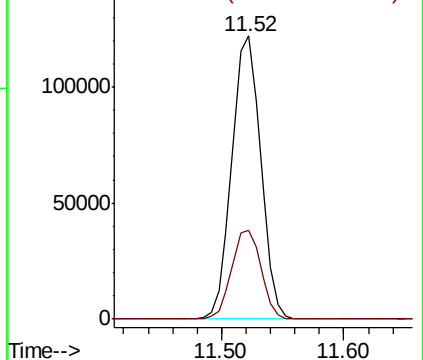
112 100

114 31.6 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.764 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

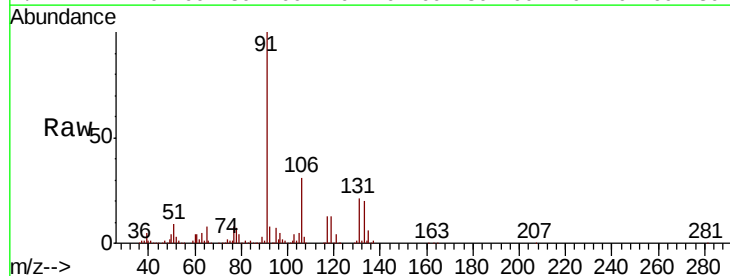
Tgt Ion:131 Resp: 74686

Ion Ratio Lower Upper

131 100

133 95.5 48.1 144.4

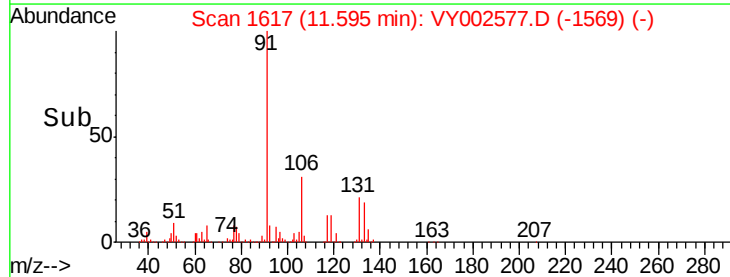
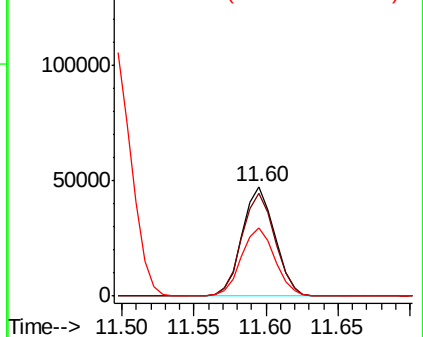
119 63.7 31.6 95.0

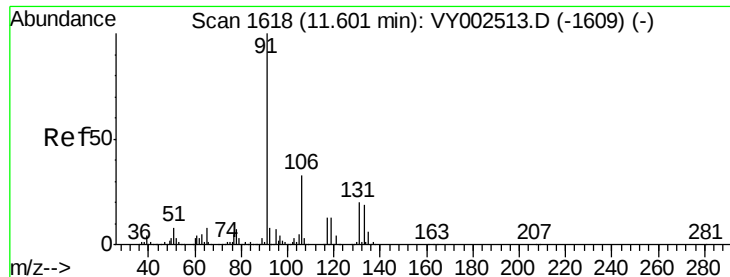


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.552 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

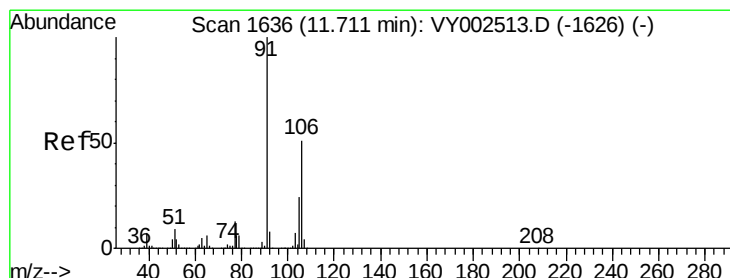
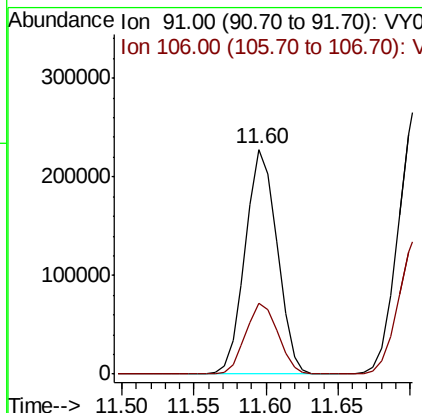
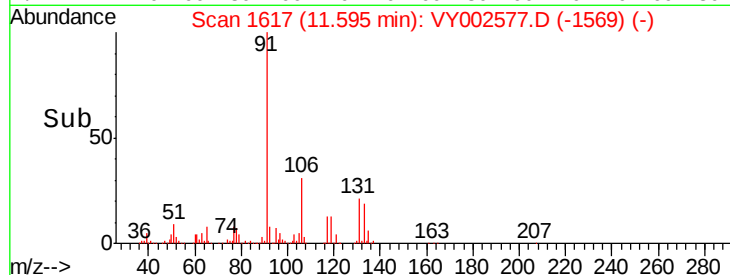
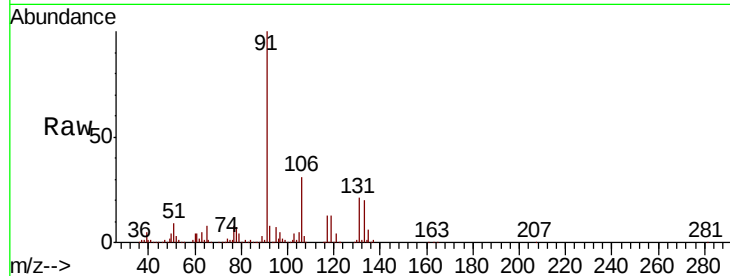
VY0505SBS01

Tot Ion: 91 Resp: 349628

Ion Ratio Lower Upper

91 100

106 31.3 26.1 39.1



#68

m/p-Xylenes

Concen: 38.683 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002577.D

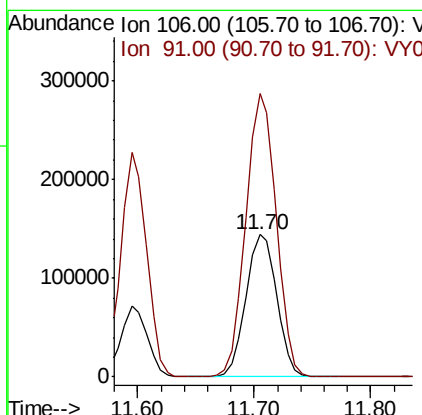
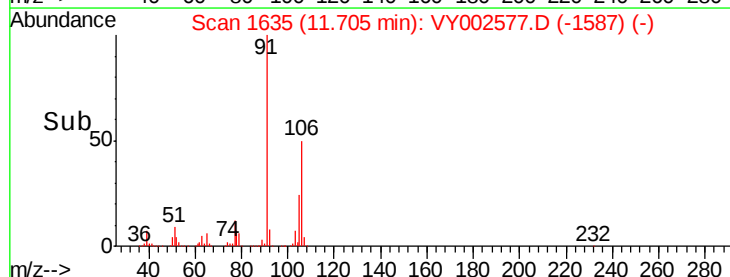
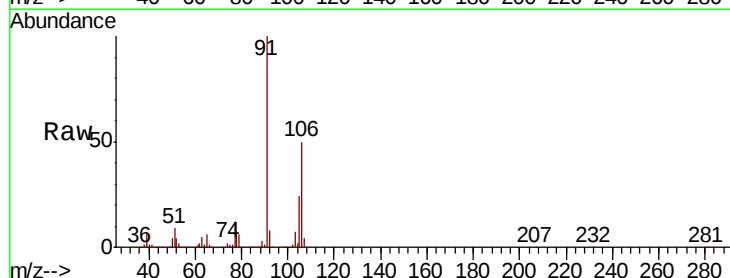
Acq: 05 May 2020 11:23

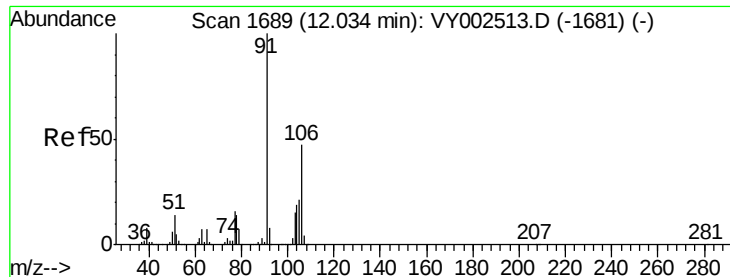
Tgt Ion: 106 Resp: 267646

Ion Ratio Lower Upper

106 100

91 196.1 155.2 232.8

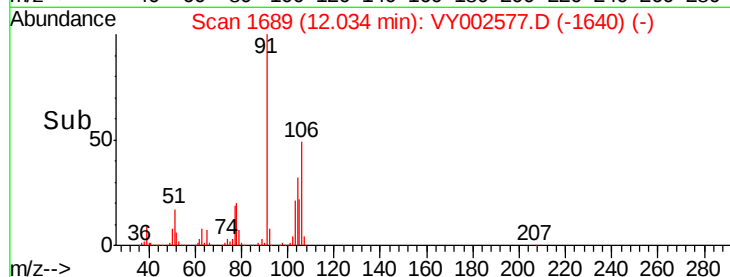
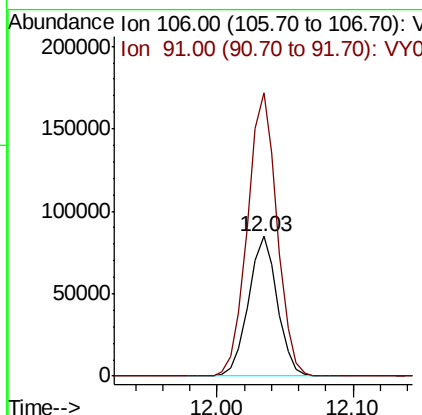
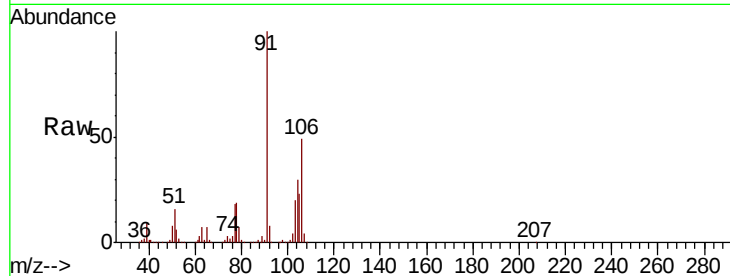




#69
o-Xylene
Concen: 19.456 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

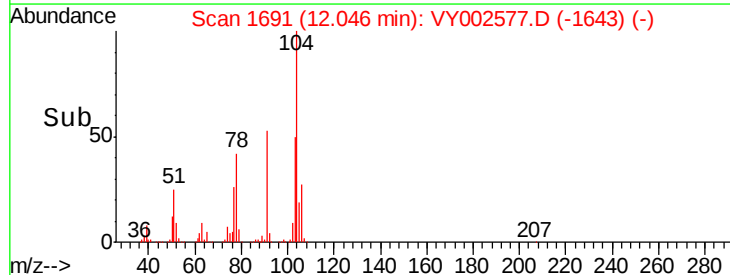
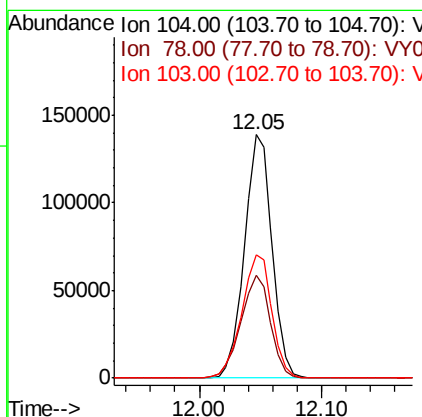
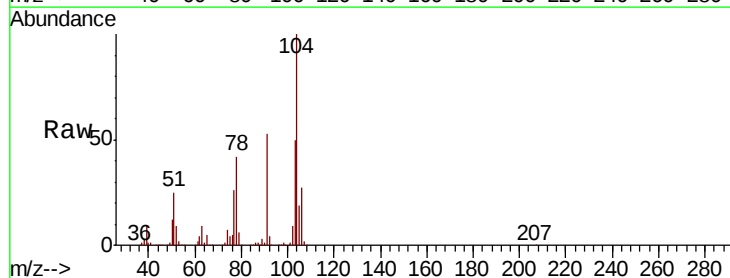
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

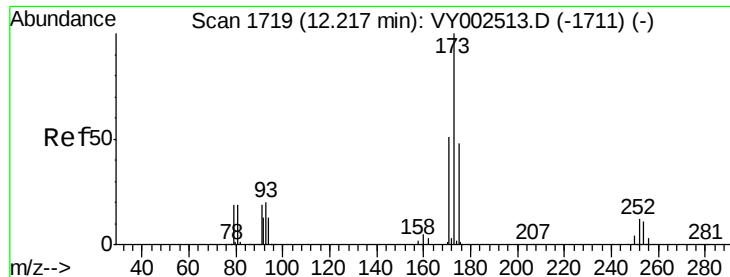
Tot Ion:106 Resp: 126042
Ion Ratio Lower Upper
106 100
91 207.4 103.8 311.3



#70
Styrene
Concen: 19.632 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion:104 Resp: 217423
Ion Ratio Lower Upper
104 100
78 45.6 37.4 56.0
103 55.1 43.9 65.9





#71

Bromoform

Concen: 19.448 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

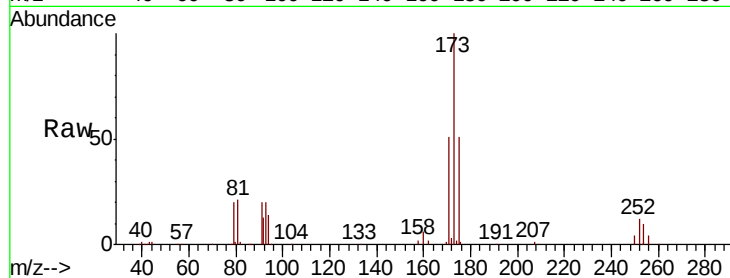
Tot Ion:173 Resp: 45613

Ion Ratio Lower Upper

173 100

175 49.7 24.3 72.8

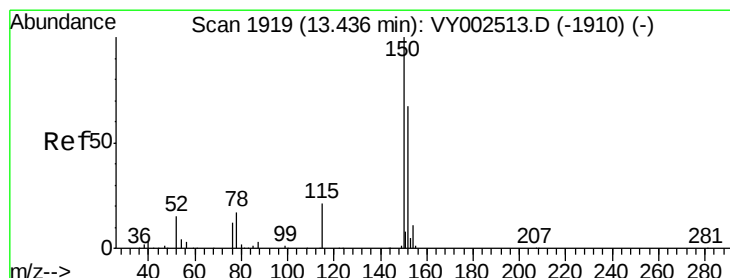
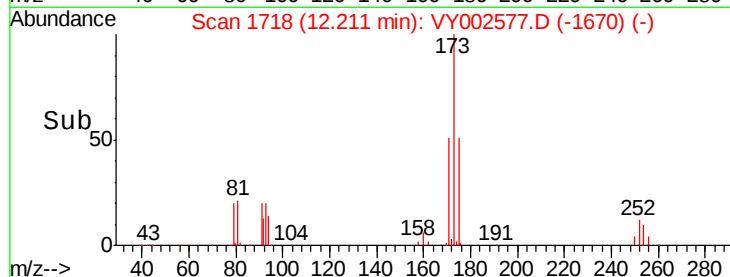
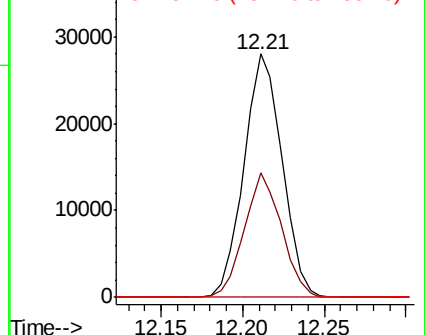
254 0.0 0.2 0.2#



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: VY002577.D

Acq: 05 May 2020 11:23

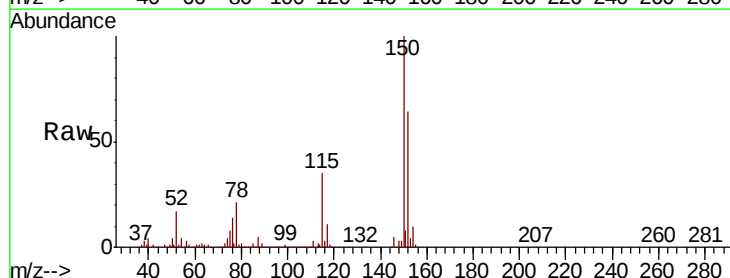
Tgt Ion:152 Resp: 275725

Ion Ratio Lower Upper

152 100

115 54.7 27.5 82.4

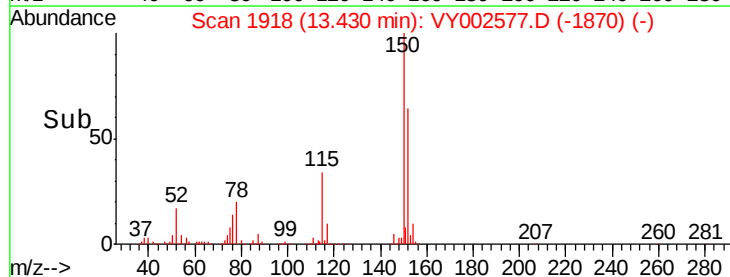
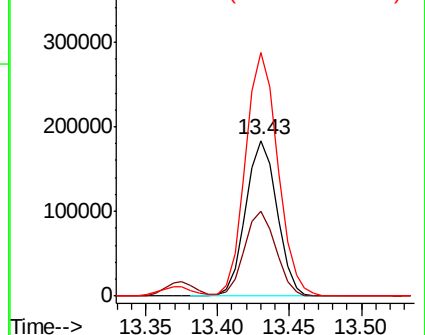
150 162.8 0.0 346.4

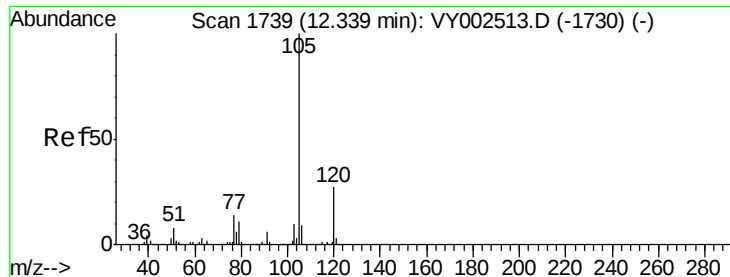


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.768 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

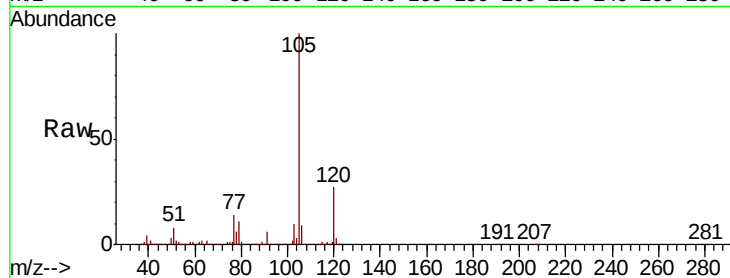
VY0505SBS01

Tot Ion: 105 Resp: 353254

Ion Ratio Lower Upper

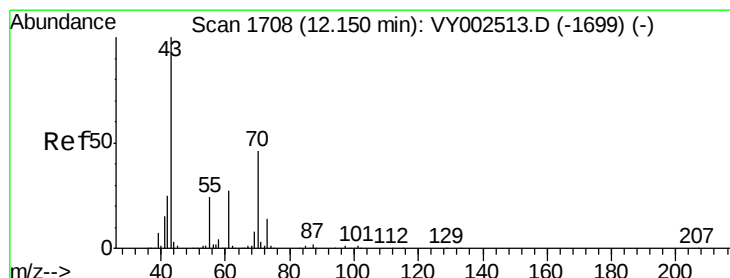
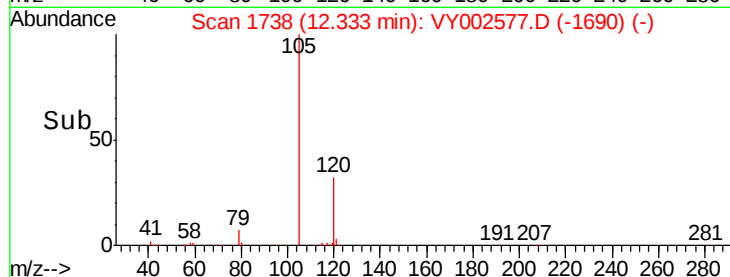
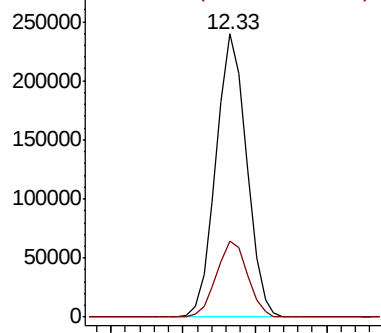
105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.969 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Tgt Ion: 43 Resp: 85839

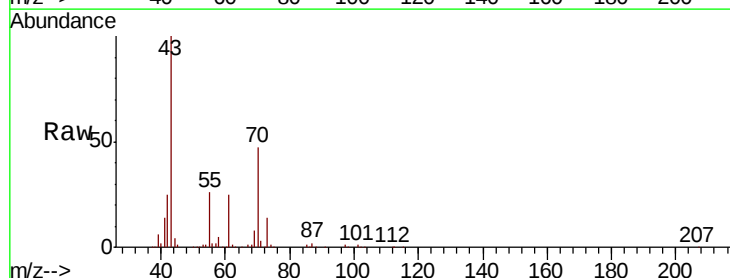
Ion Ratio Lower Upper

43 100

70 46.8 36.7 55.1

55 25.8 19.2 28.8

61 25.6 21.1 31.7

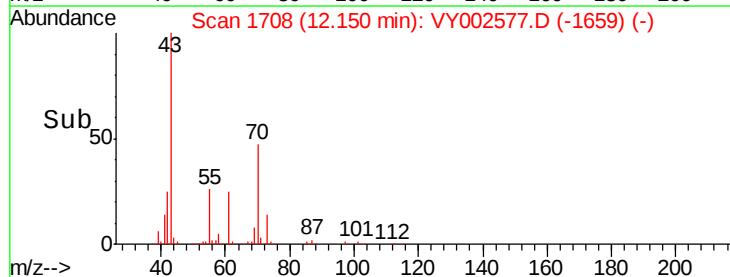
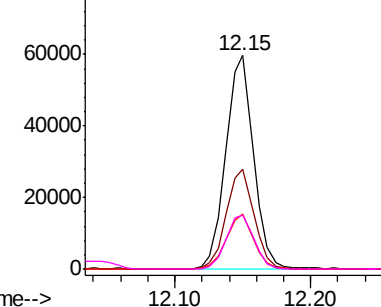


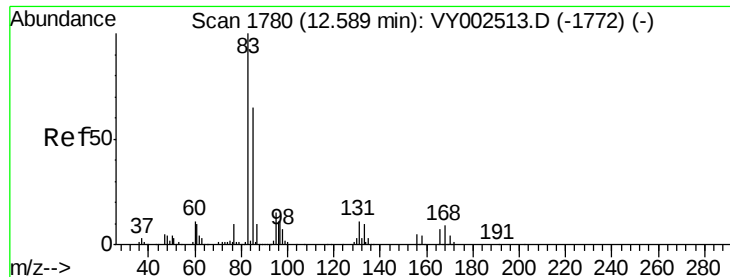
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.624 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

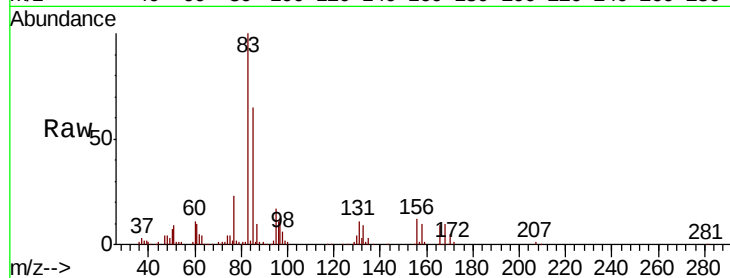
Tot Ion: 83 Resp: 52927

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.8

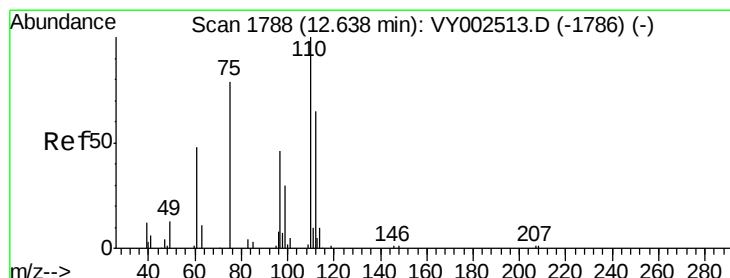
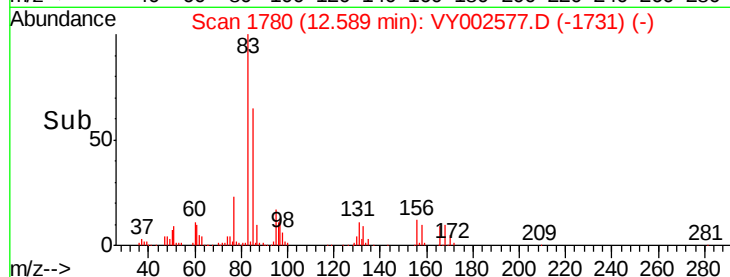
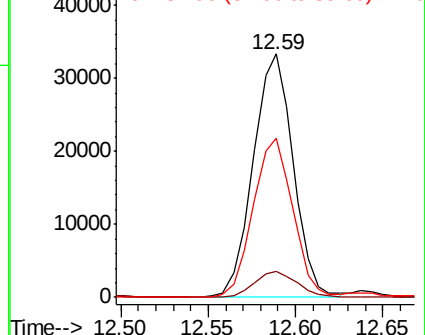
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 34.664 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002577.D

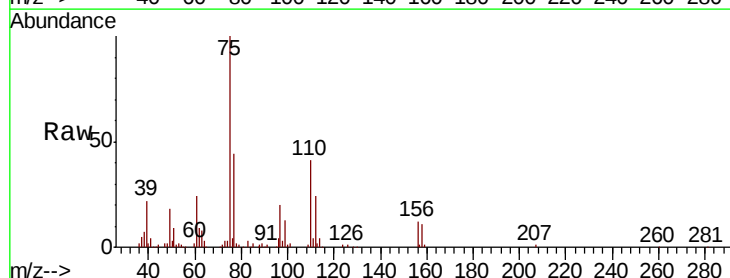
Acq: 05 May 2020 11:23

Tgt Ion: 75 Resp: 84937

Ion Ratio Lower Upper

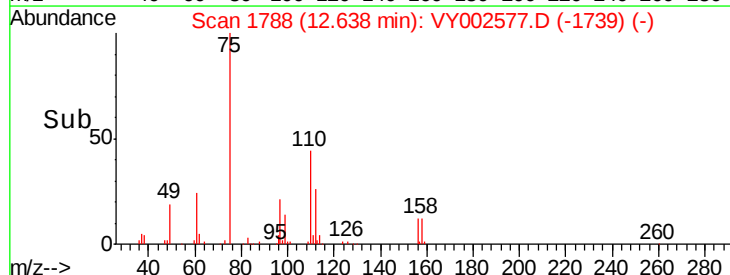
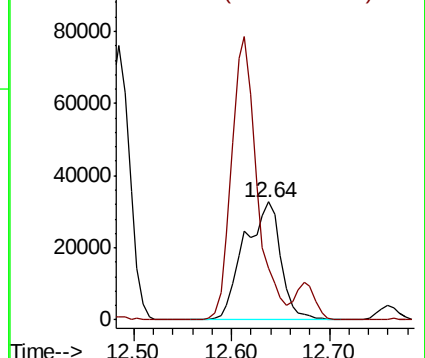
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.506 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

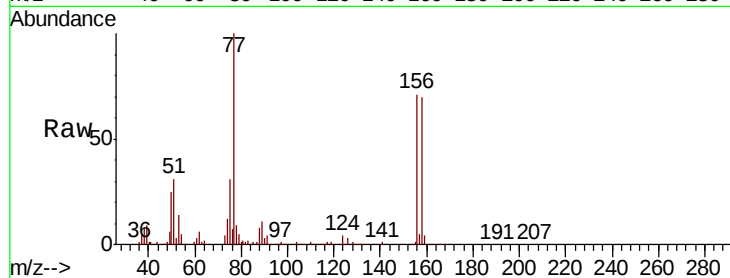
Tot Ion:156 Resp: 87086

Ion Ratio Lower Upper

156 100

77 163.1 82.0 245.8

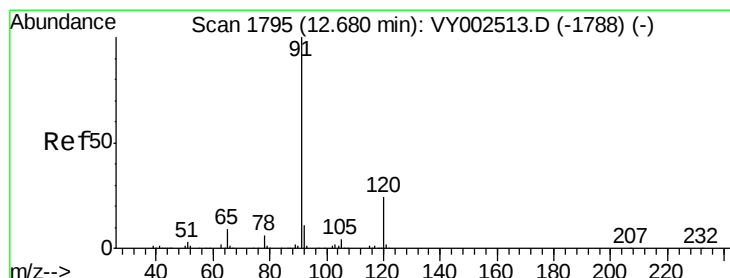
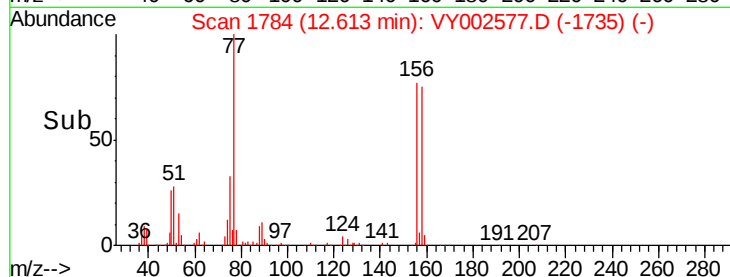
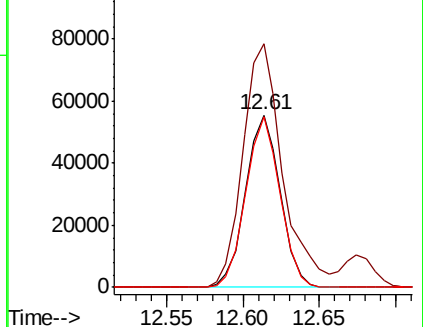
158 97.8 48.5 145.6



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: 19.734 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002577.D

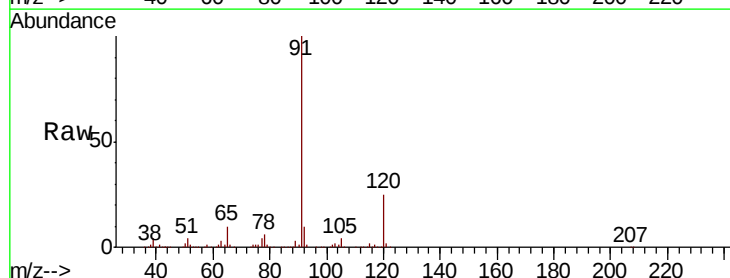
Acq: 05 May 2020 11:23

Tgt Ion: 91 Resp: 409239

Ion Ratio Lower Upper

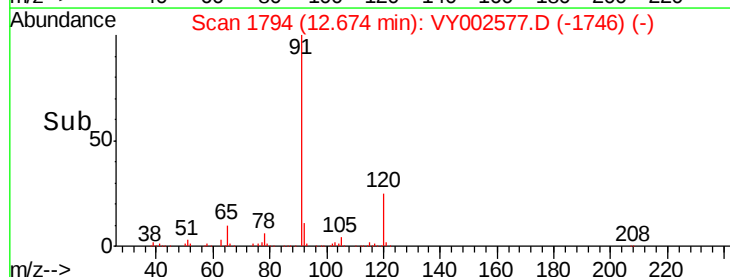
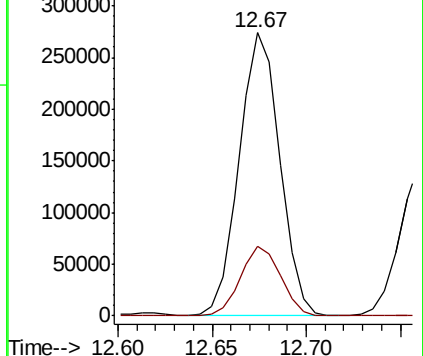
91 100

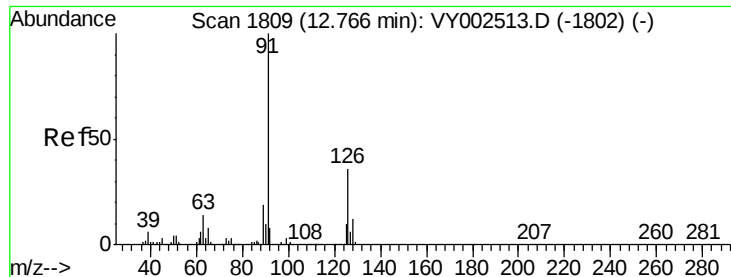
120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.567 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

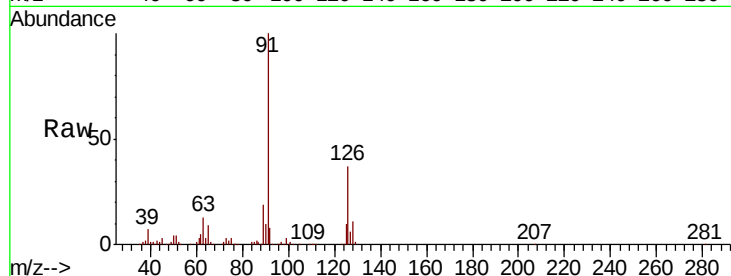
VY0505SBS01

Tot Ion: 91 Resp: 224770

Ion Ratio Lower Upper

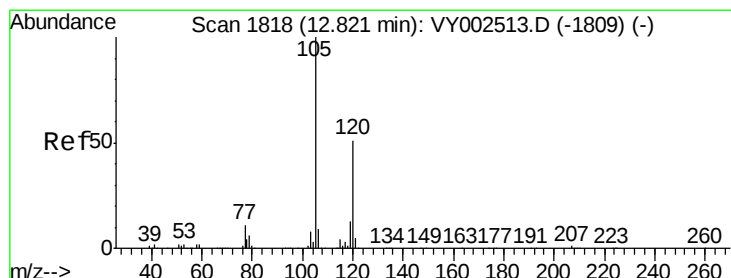
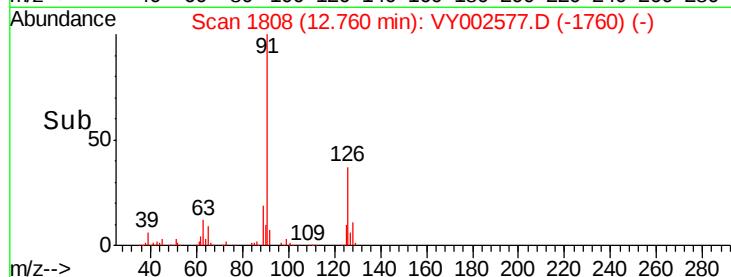
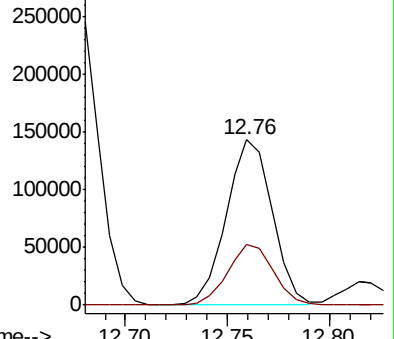
91 100

126 36.7 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.504 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002577.D

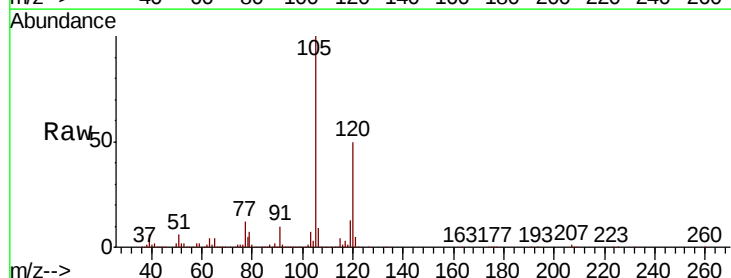
Acq: 05 May 2020 11:23

Tgt Ion: 105 Resp: 288909

Ion Ratio Lower Upper

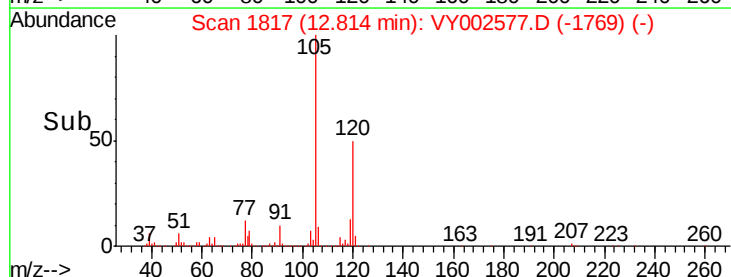
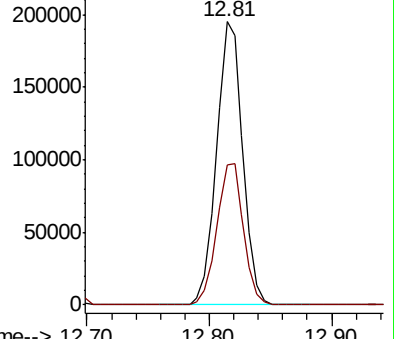
105 100

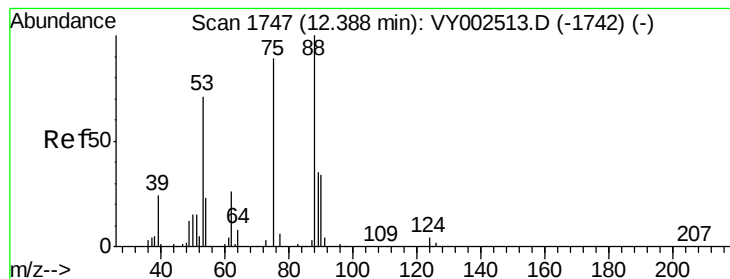
120 50.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.977 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

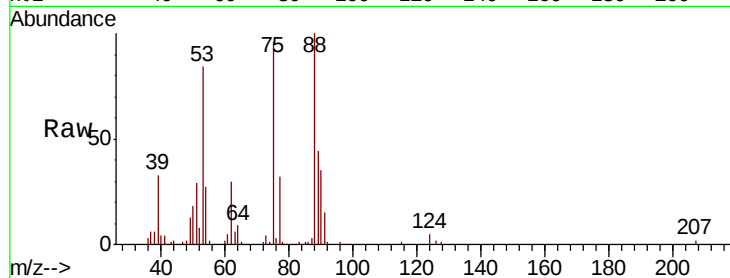
Tot Ion: 75 Resp: 23189

Ion Ratio Lower Upper

75 100

53 86.5 67.4 101.0

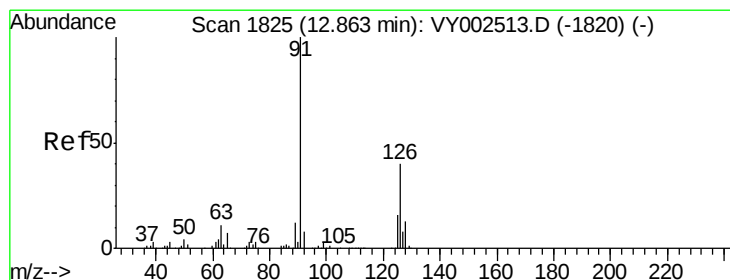
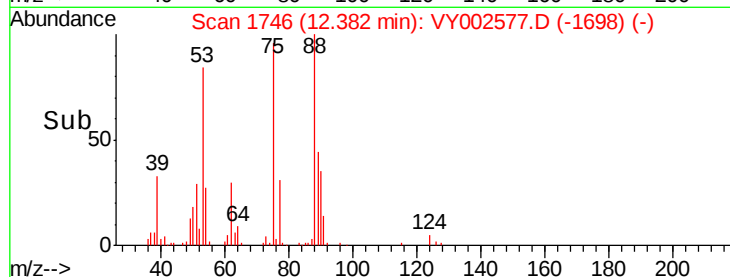
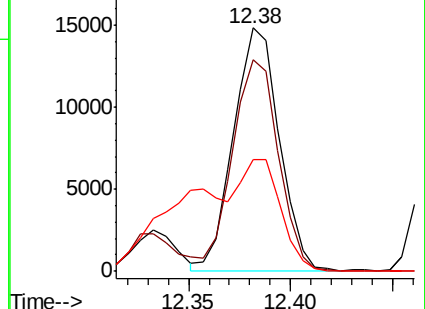
89 41.6 37.4 56.0



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: 19.652 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002577.D

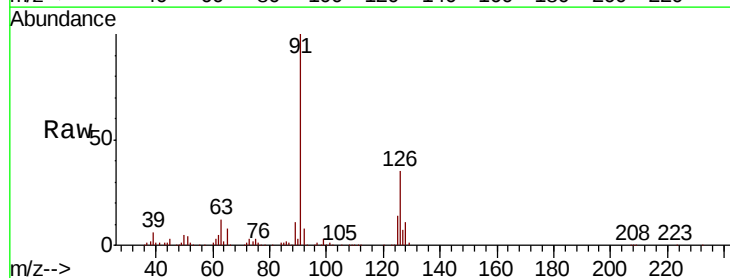
Acq: 05 May 2020 11:23

Tgt Ion: 91 Resp: 237128

Ion Ratio Lower Upper

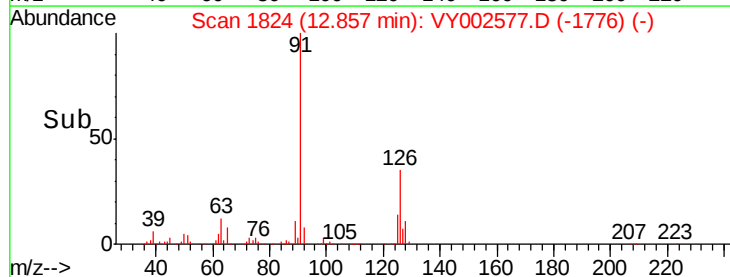
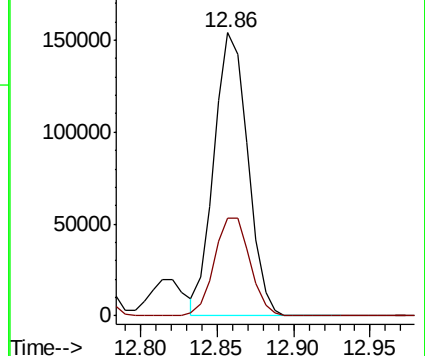
91 100

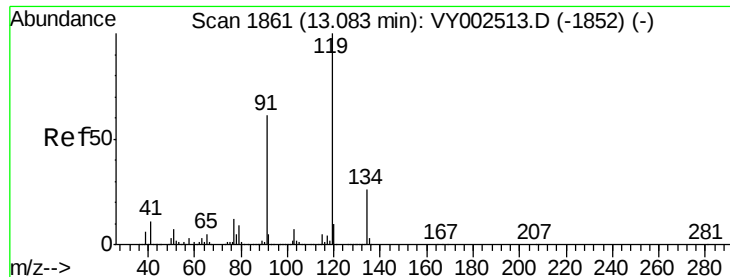
126 36.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.935 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

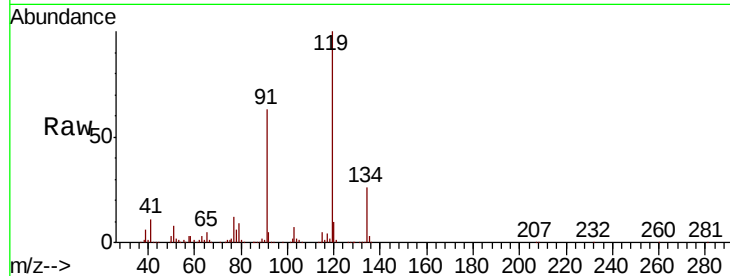
Tot Ion:119 Resp: 258916

Ion Ratio Lower Upper

119 100

91 61.1 30.6 91.6

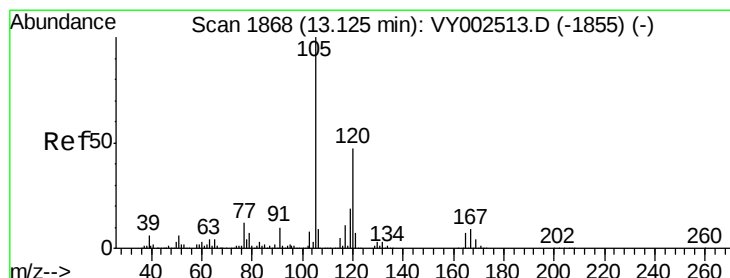
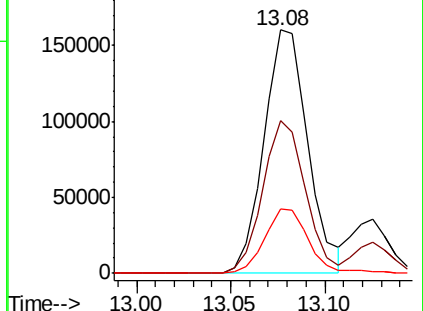
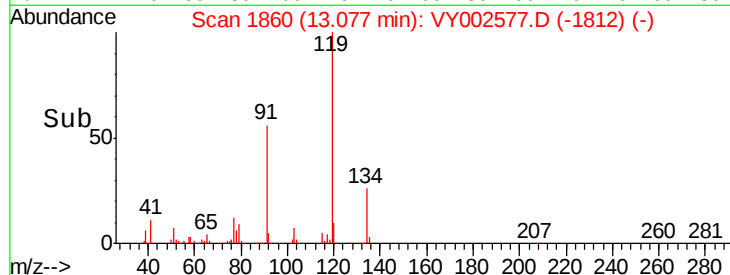
134 26.6 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.601 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002577.D

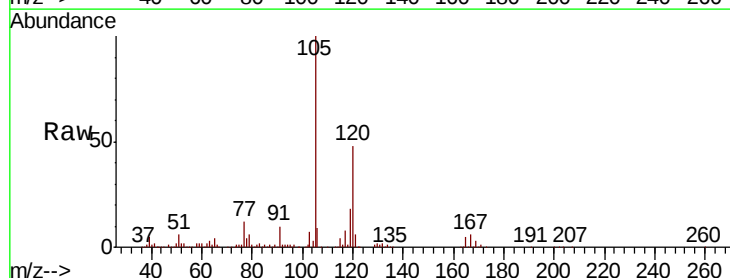
Acq: 05 May 2020 11:23

Tgt Ion:105 Resp: 289351

Ion Ratio Lower Upper

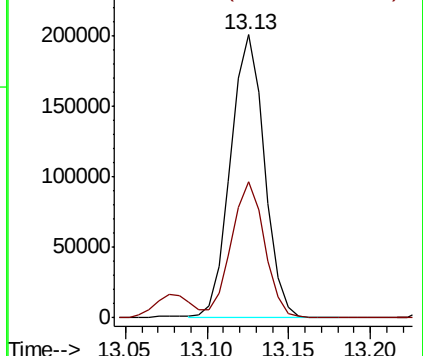
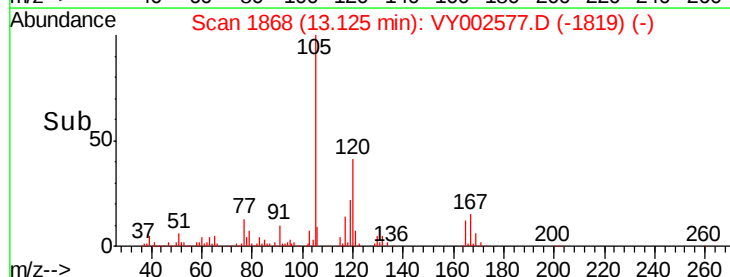
105 100

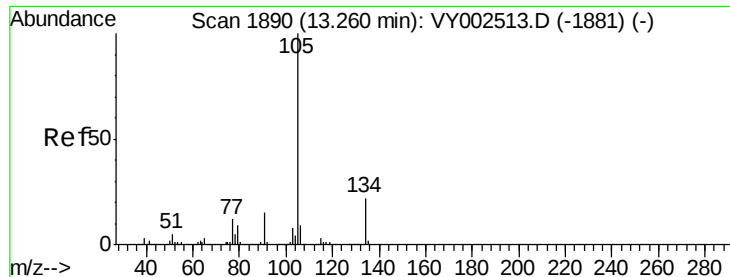
120 47.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.822 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

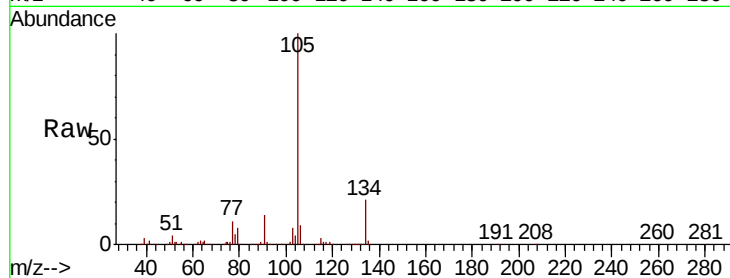
VY0505SBS01

Tot Ion:105 Resp: 357247

Ion Ratio Lower Upper

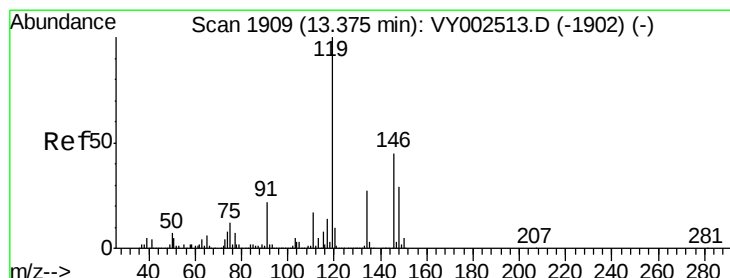
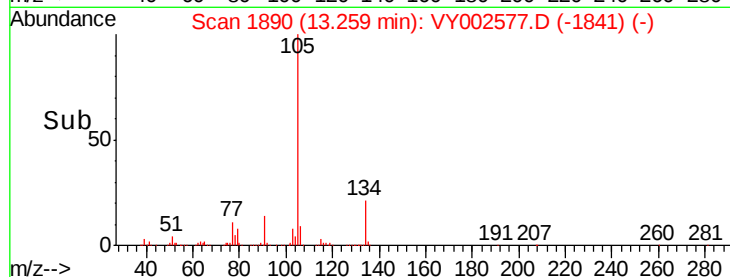
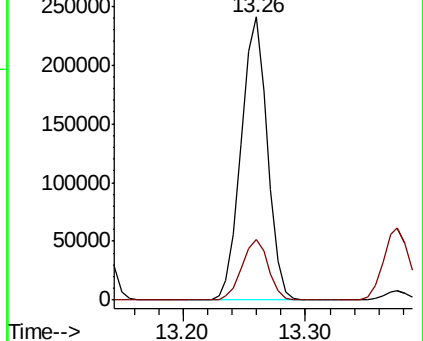
105 100

134 21.6 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: 19.820 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

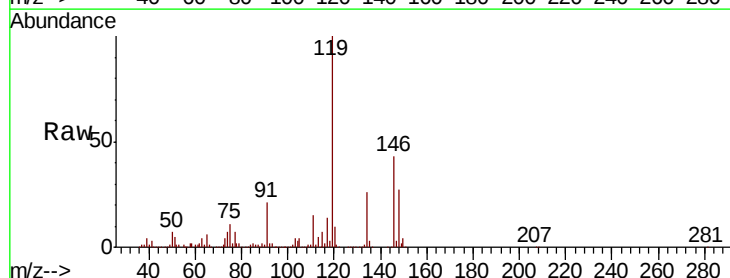
Tgt Ion:119 Resp: 334699

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

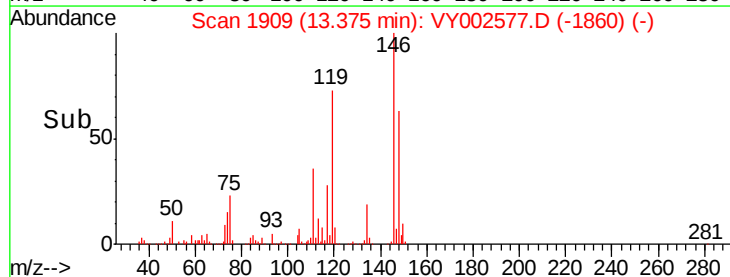
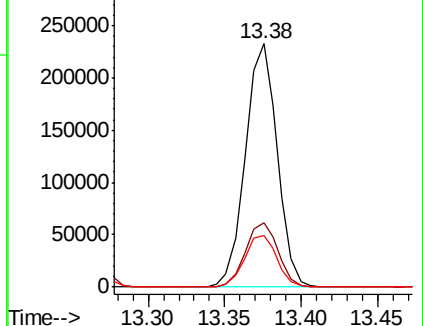
91 21.7 10.9 32.9



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

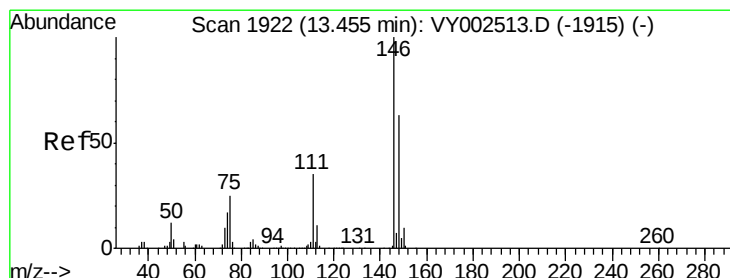
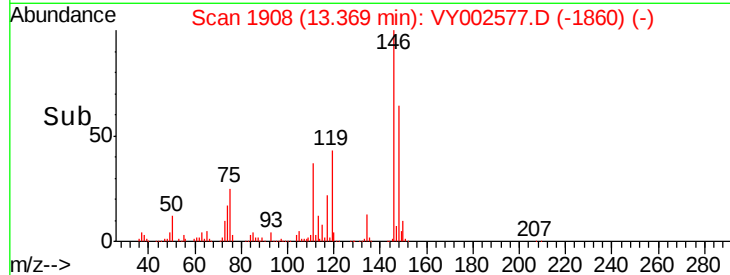
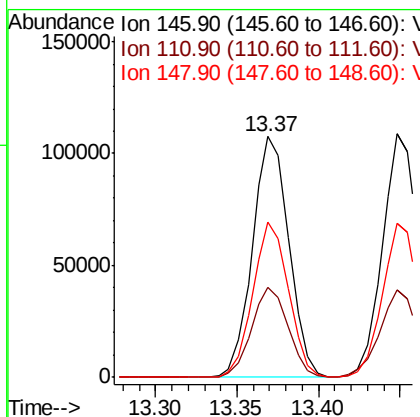
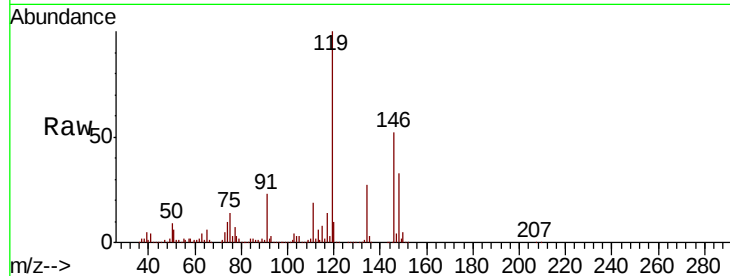




#87
 1,3-Dichlorobenzene
 Concen: 19.803 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

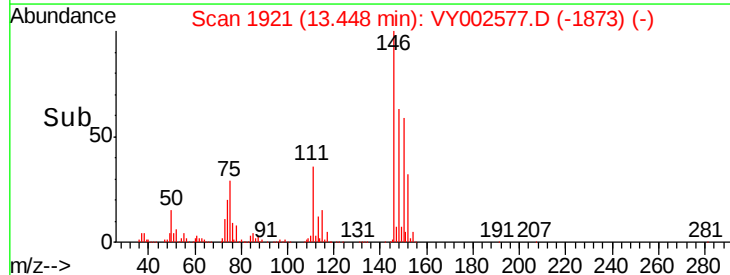
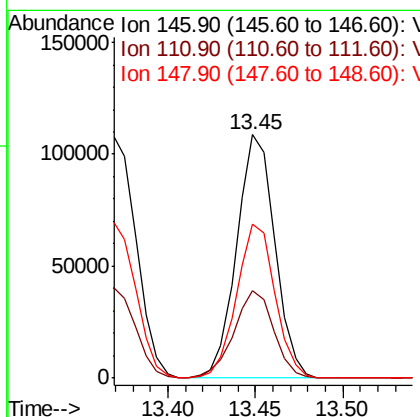
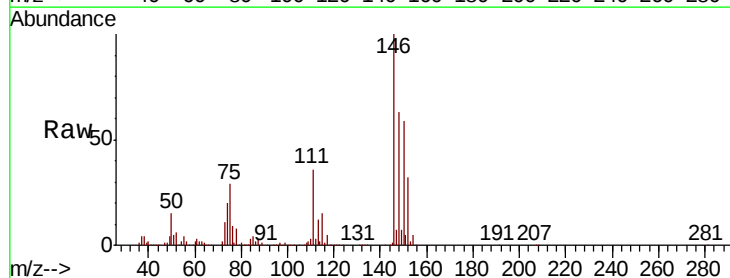
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

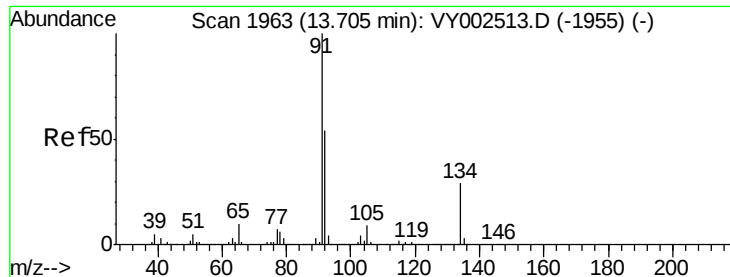
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.3
148	63.1	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.765 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	63.6	31.9	95.5





#89

n-Butylbenzene

Concen: 20.034 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

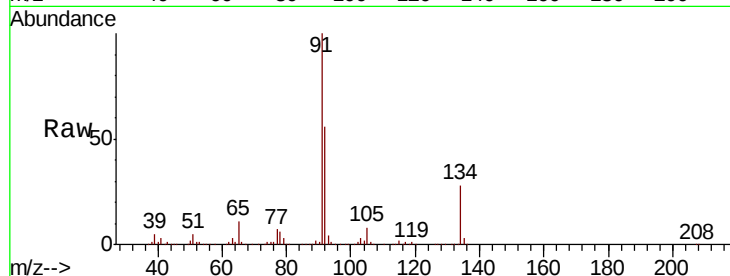
Tot Ion: 91 Resp: 307977

Ion Ratio Lower Upper

91 100

92 54.5 27.1 81.3

134 28.5 14.4 43.0

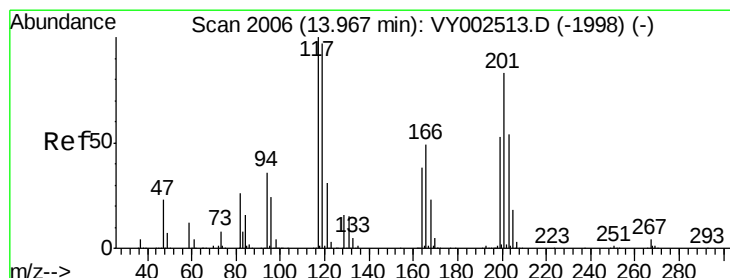
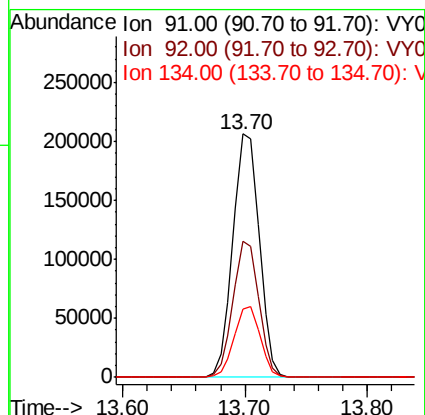
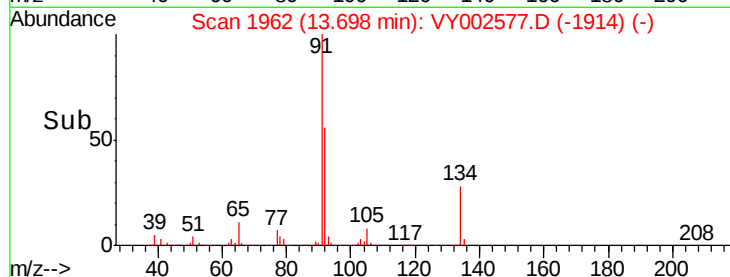


Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002513.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002513.D (-1955) (-)

Time--> 13.60 13.70 13.80



#90

Hexachloroethane

Concen: 19.501 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002577.D

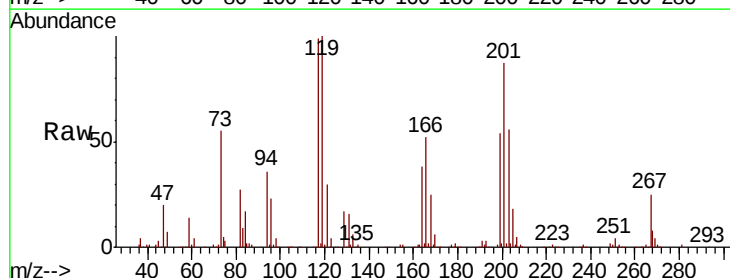
Acq: 05 May 2020 11:23

Tgt Ion: 117 Resp: 59972

Ion Ratio Lower Upper

117 100

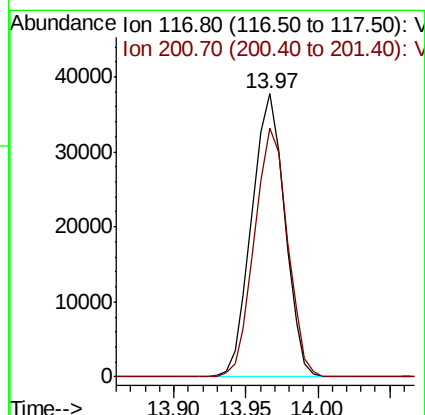
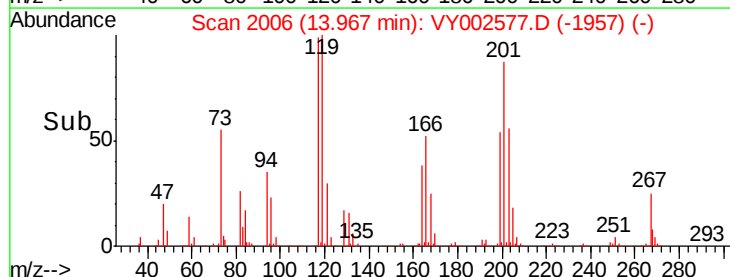
201 87.9 44.4 133.2

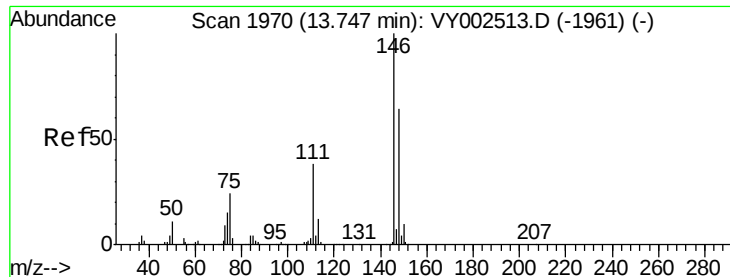


Abundance Ion 116.80 (116.50 to 117.50): VY002513.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002513.D (-1998) (-)

Time--> 13.90 13.95 14.00





#91

1,2-Dichlorobenzene

Concen: 19.756 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

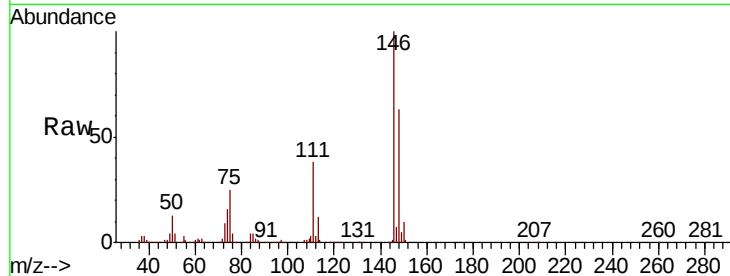
Tot Ion:146 Resp: 148960

Ion Ratio Lower Upper

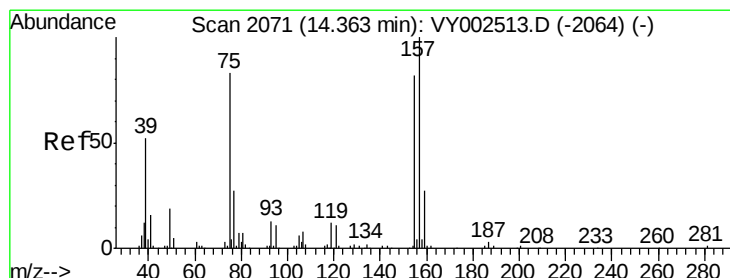
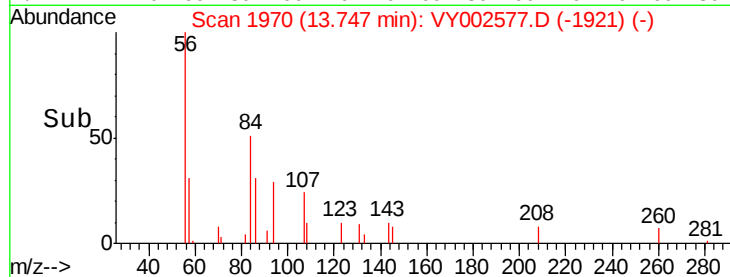
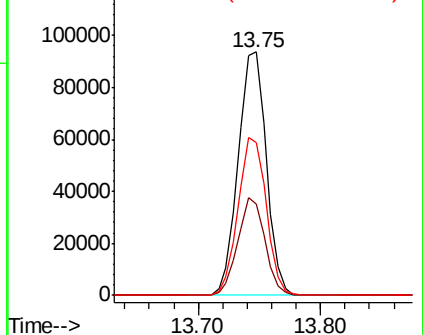
146 100

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: 19.043 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002577.D

Acq: 05 May 2020 11:23

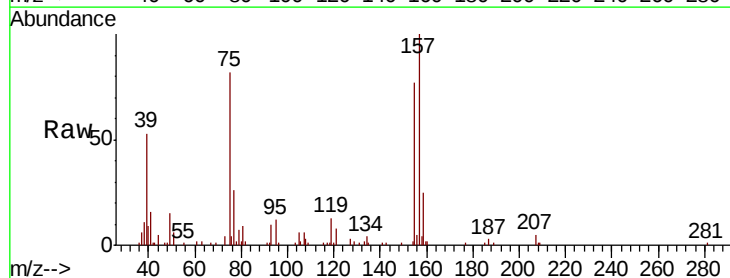
Tgt Ion: 75 Resp: 10088

Ion Ratio Lower Upper

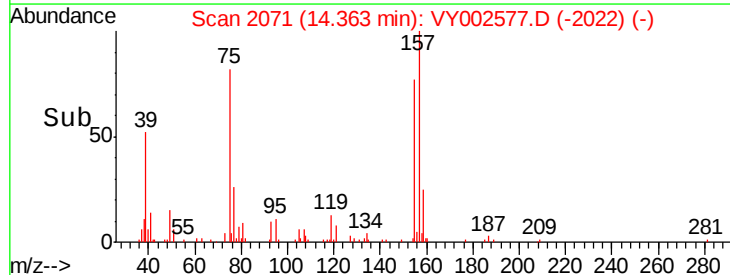
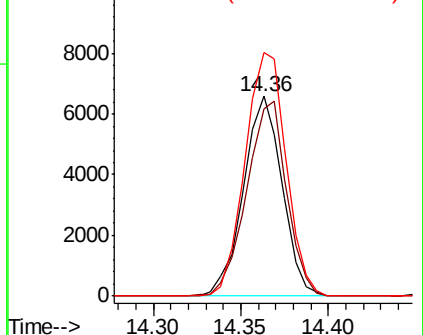
75 100

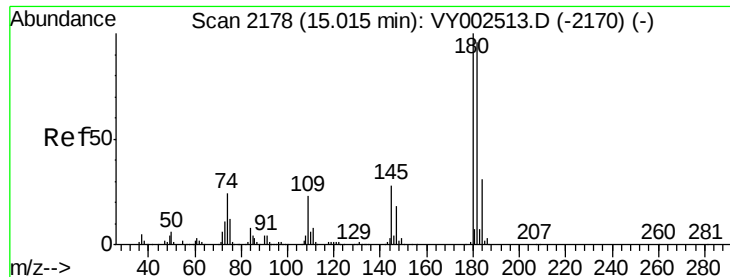
155 101.1 51.3 153.9

157 129.8 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

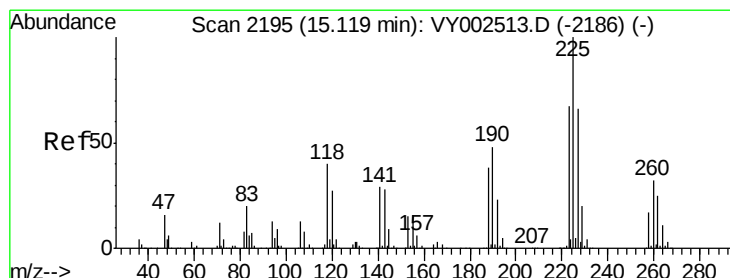
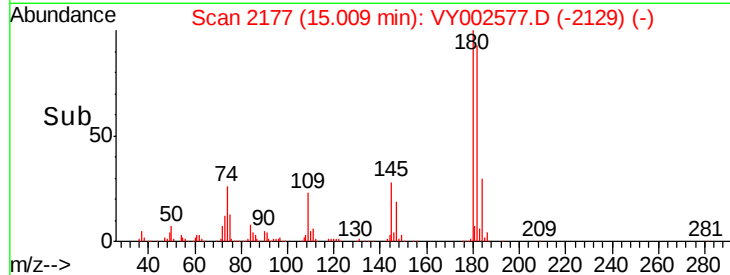
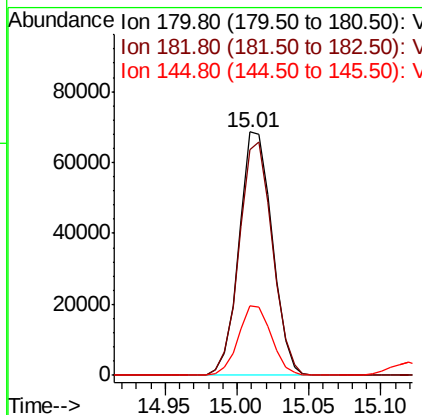
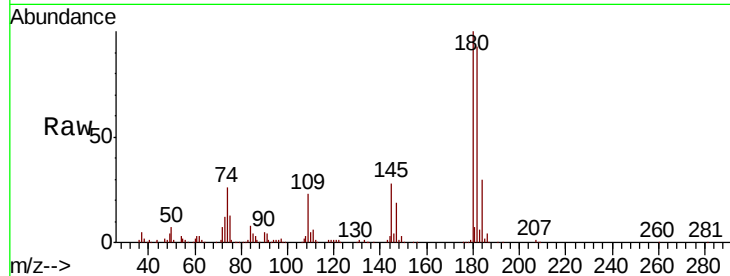




#93
 1,2,4-Trichlorobenzene
 Concen: 19.927 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

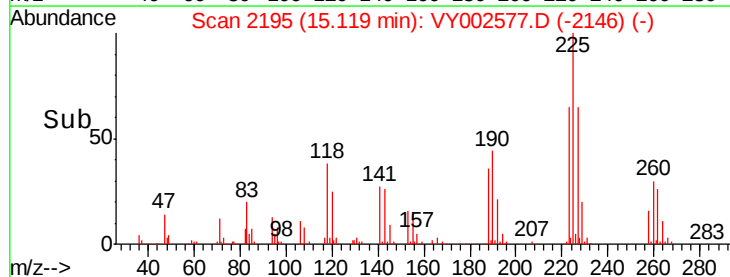
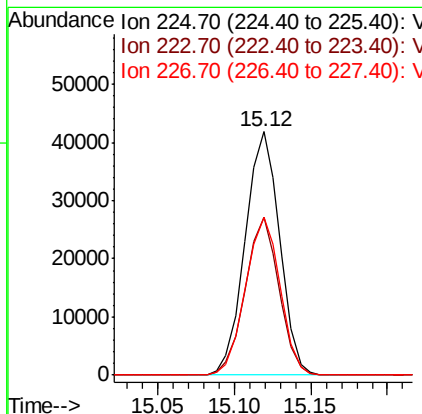
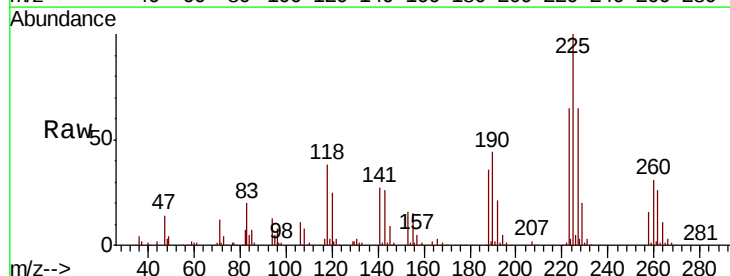
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

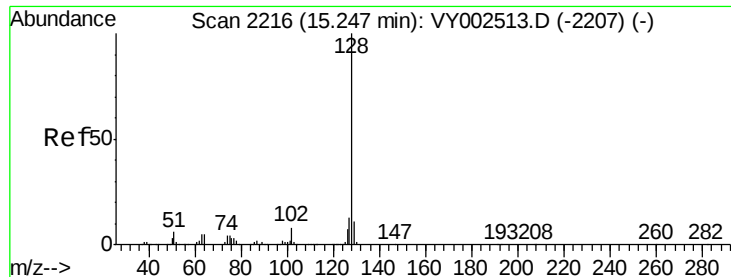
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.6
145	28.5	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 20.011 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002577.D
 Acq: 05 May 2020 11:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.1	96.5
227	65.0	32.0	96.2

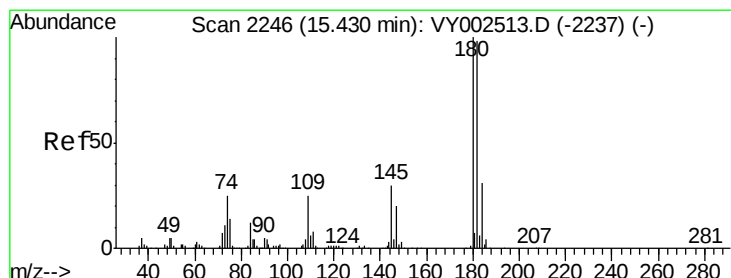
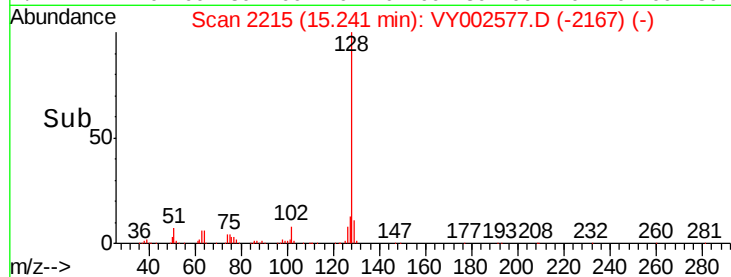
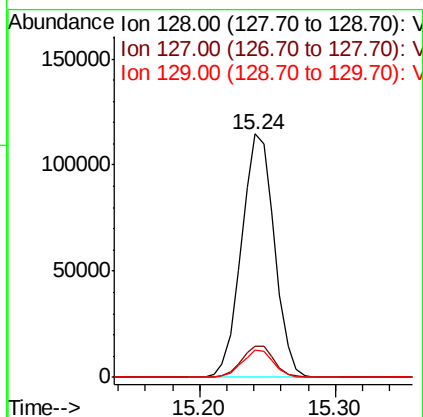
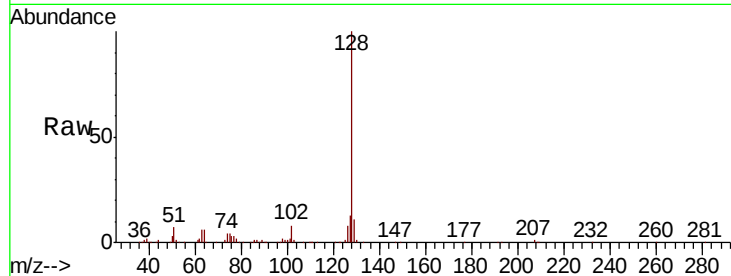




#95
Naphthalene
Concen: 19.407 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

Tot Ion:128 Resp: 193796
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.026 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002577.D
Acq: 05 May 2020 11:23

Tgt Ion:180 Resp: 93060
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.8
145 30.8 15.0 45.1

