

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003077.D
 Acq On : 02 Jul 2020 11:46
 Operator : SY/MD
 Sample : VY0702SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

Quant Time: Jul 03 02:34:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	407812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	550627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	295027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	196675	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.72	113	185644	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.18	98	697019	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.48	95	245081	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	57523	18.625	ug/l	98
3) Chloromethane	2.12	50	79204	17.513	ug/l	98
4) Vinyl Chloride	2.26	62	90226	20.452	ug/l	96
5) Bromomethane	2.65	94	67486	22.530	ug/l	94
6) Chloroethane	2.79	64	58204	20.739	ug/l	96
7) Trichlorofluoromethane	3.13	101	127248	20.436	ug/l	98
8) Diethyl Ether	3.54	74	43589	20.420	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	77550	20.859	ug/l	99
10) Methyl Iodide	4.10	142	87261	18.928	ug/l	98
11) Tert butyl alcohol	4.96	59	47141	114.203	ug/l	95
12) 1,1-Dichloroethene	3.88	96	74205	20.977	ug/l	83
13) Acrolein	3.74	56	33423	90.153	ug/l	97
14) Allyl chloride	4.49	41	118058	19.115	ug/l	98
15) Acrylonitrile	5.17	53	109929	99.923	ug/l	99
16) Acetone	3.96	43	93777	98.167	ug/l	99
17) Carbon Disulfide	4.20	76	226678	20.056	ug/l	99
18) Methyl Acetate	4.49	43	50920	19.785	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	210645	20.428	ug/l	97
20) Methylene Chloride	4.72	84	118796	24.283	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	82223	20.549	ug/l	97
22) Diisopropyl ether	6.13	45	259280	19.587	ug/l	98
23) Vinyl Acetate	6.07	43	862100	97.409	ug/l	99
24) 1,1-Dichloroethane	6.03	63	145731	20.153	ug/l	99
25) 2-Butanone	6.99	43	151183	99.629	ug/l	96
26) 2,2-Dichloropropane	6.99	77	139284	21.200	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	93258	20.779	ug/l	99
28) Bromochloromethane	7.34	49	61472	19.106	ug/l	92
29) Tetrahydrofuran	7.35	42	98679	97.788	ug/l	98
30) Chloroform	7.51	83	147111	20.535	ug/l	98
31) Cyclohexane	7.78	56	138196	19.399	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	134645	20.591	ug/l	99
36) 1,1-Dichloropropene	7.93	75	119318	20.682	ug/l	99
37) Ethyl Acetate	7.08	43	68381	19.713	ug/l	99
38) Carbon Tetrachloride	7.91	117	122137	20.348	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	142706	19.951	ug/l	100
40) Benzene	8.16	78	327872	20.759	ug/l	97
41) Methacrylonitrile	7.35	41	90740	48.971	ug/l #	44
42) 1,2-Dichloroethane	8.24	62	102475	20.509	ug/l	100
43) Isopropyl Acetate	8.27	43	128730	19.521	ug/l	98
44) Trichloroethene	8.94	130	96209	20.957	ug/l	99
45) 1,2-Dichloropropane	9.22	63	87435	20.576	ug/l	91
46) Dibromomethane	9.31	93	48555	20.459	ug/l	98
47) Bromodichloromethane	9.50	83	118975	20.473	ug/l	99
48) Methyl methacrylate	9.29	41	56792	18.921	ug/l	94
49) 1,4-Dioxane	9.30	88	13211	456.008	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	337355	98.981	ug/l	99
52) Toluene	10.24	92	204870	20.605	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	123057	20.197	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	141443	20.299	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	69898	21.194	ug/l	97
56) Ethyl methacrylate	10.51	69	94980	19.896	ug/l	99
57) 1,3-Dichloropropane	10.79	76	118417	20.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	228100	93.162	ug/l	99
59) 2-Hexanone	10.83	43	239271	100.438	ug/l	99
60) Dibromochloromethane	10.99	129	85430	20.242	ug/l	98
61) 1,2-Dibromoethane	11.09	107	67506	20.763	ug/l	99
64) Tetrachloroethene	10.72	164	95278	20.445	ug/l	97
65) Chlorobenzene	11.52	112	226248	20.838	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	88664	20.917	ug/l	99
67) Ethyl Benzene	11.59	91	409967	20.640	ug/l	97
68) m/p-Xylenes	11.70	106	307127	41.546	ug/l	98
69) o-Xylene	12.03	106	142485	20.454	ug/l	99
70) Styrene	12.05	104	246489	20.712	ug/l	99
71) Bromoform	12.20	173	58658	20.753	ug/l #	98
73) Isopropylbenzene	12.33	105	392742	20.341	ug/l	100
74) N-amyl acetate	12.14	43	120190	19.121	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	80243	20.594	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	109070	37.354	ug/l #	100
77) Bromobenzene	12.61	156	99906	20.181	ug/l	98
78) n-propylbenzene	12.67	91	471607	20.310	ug/l	99
79) 2-Chlorotoluene	12.75	91	262153	20.226	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	330420	20.393	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	29650	19.757	ug/l	97
82) 4-Chlorotoluene	12.85	91	274012	20.305	ug/l	99
83) tert-Butylbenzene	13.08	119	290104	20.391	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	333620	20.434	ug/l	99
85) sec-Butylbenzene	13.25	105	404003	20.602	ug/l	99
86) p-Isopropyltoluene	13.37	119	374310	20.600	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	186701	20.200	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	188327	20.664	ug/l	99
89) n-Butylbenzene	13.70	91	359168	20.659	ug/l	100
90) Hexachloroethane	13.96	117	73334	20.324	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	171595	20.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14162	20.531	ug/l	98

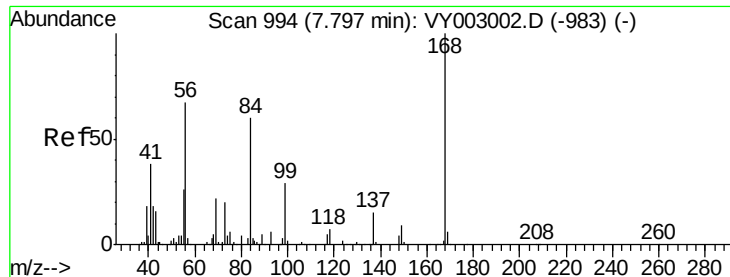
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	127610	20.709	ug/l	99
94) Hexachlorobutadiene	15.11	225	79712	20.509	ug/l	99
95) Naphthalene	15.23	128	231158	20.538	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	109080	20.386	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

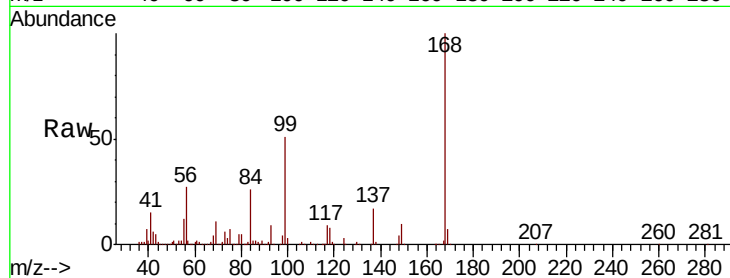
VY0702SBS01

Tot Ion:168 Resp: 407812

Ion Ratio Lower Upper

168 100

99 50.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

150000

100000

50000

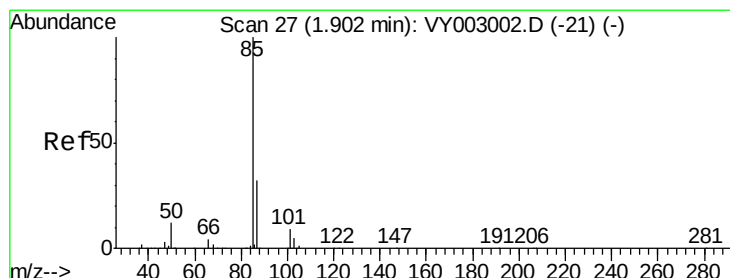
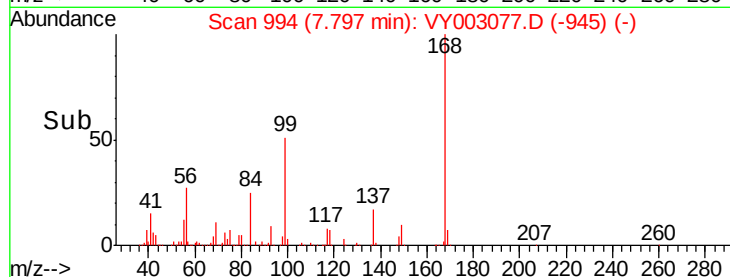
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.625 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003077.D

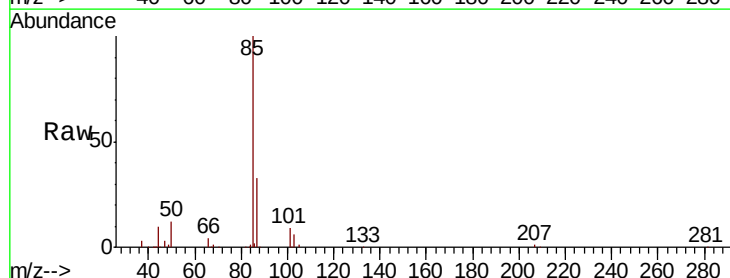
Acq: 02 Jul 2020 11:46

Tgt Ion: 85 Resp: 57523

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

40000

30000

20000

10000

0

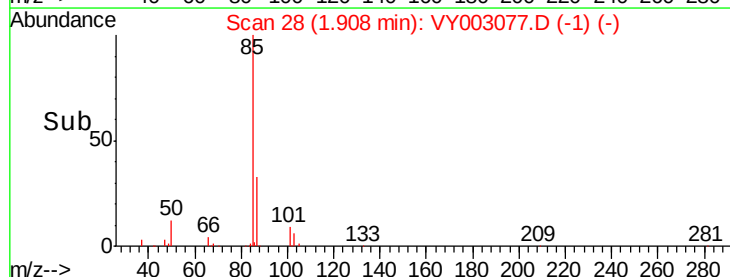
1.85

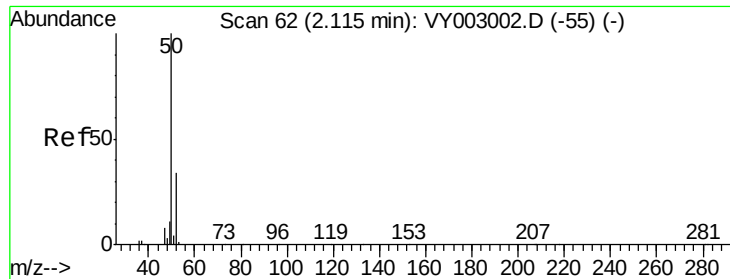
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 17.513 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

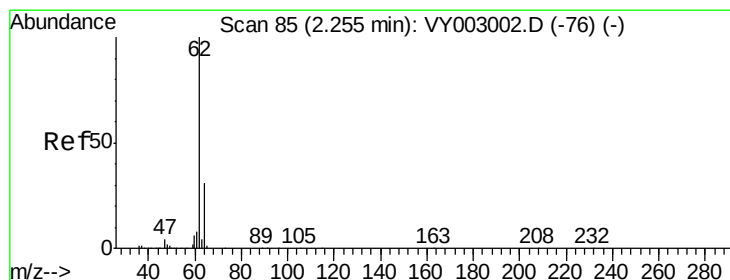
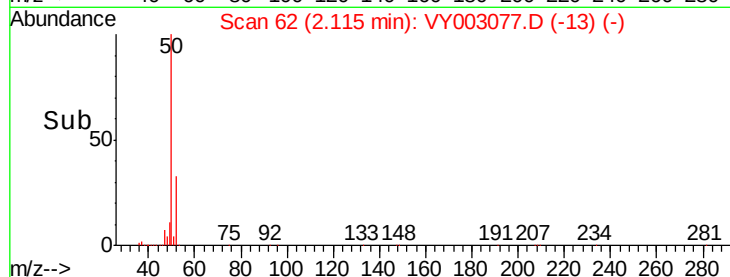
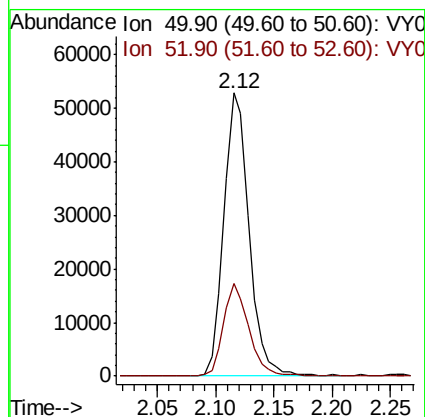
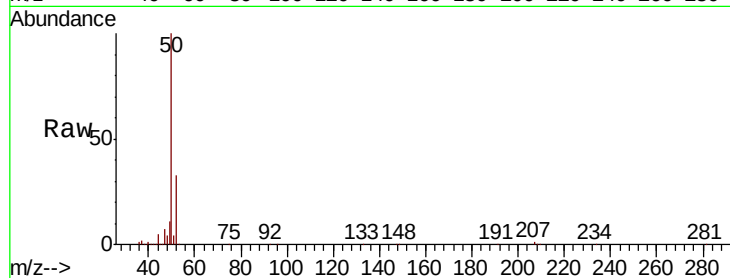
VY0702SBS01

Tot Ion: 50 Resp: 79204

Ion Ratio Lower Upper

50 100

52 32.6 26.9 40.3



#4

Vinyl Chloride

Concen: 20.452 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003077.D

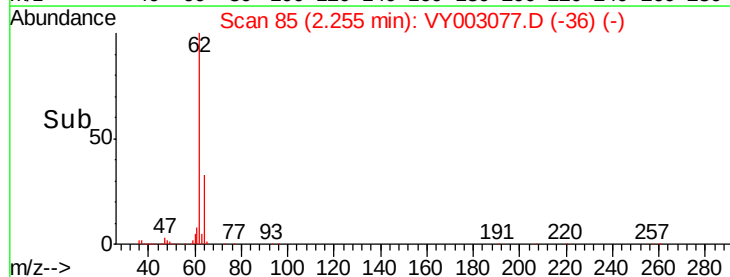
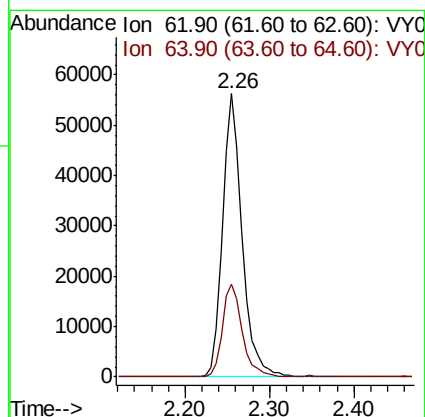
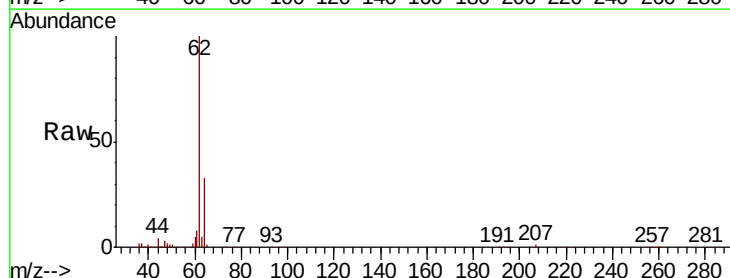
Acq: 02 Jul 2020 11:46

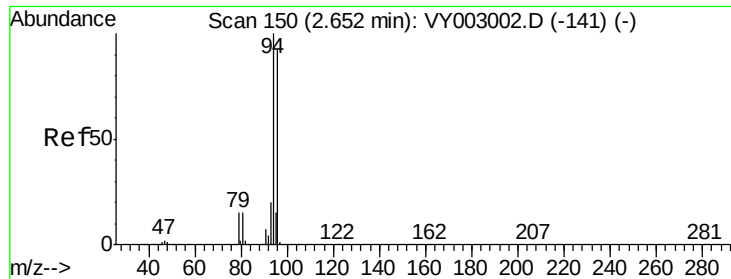
Tgt Ion: 62 Resp: 90226

Ion Ratio Lower Upper

62 100

64 32.7 24.4 36.6

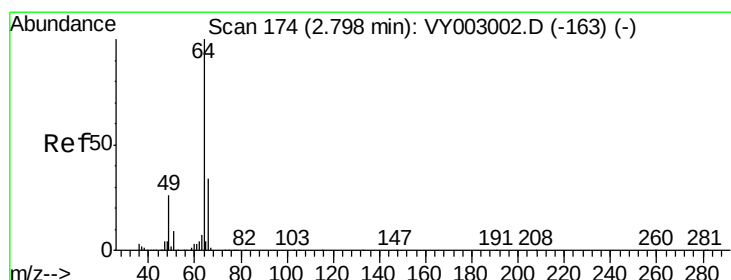
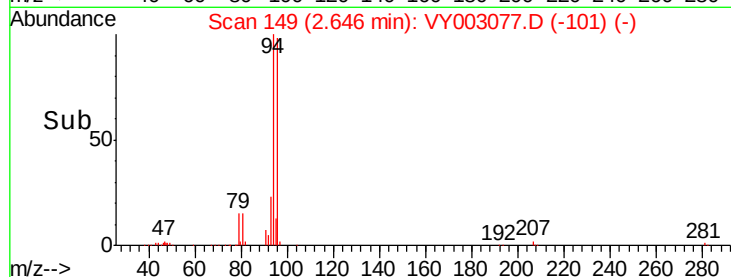
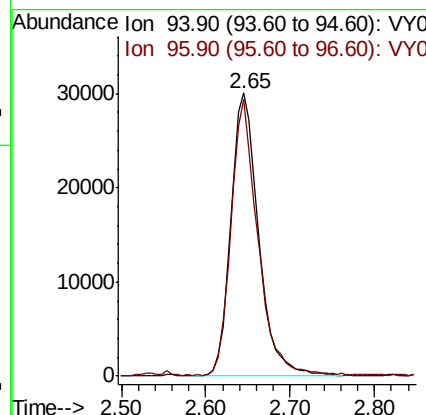
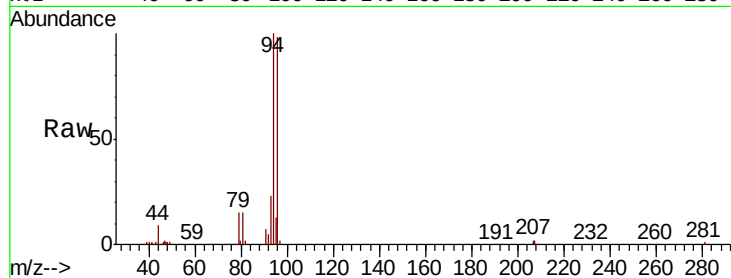




#5
Bromomethane
Concen: 22.530 ug/l
RT: 2.65 min Scan# 149
Delta R.T. -0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

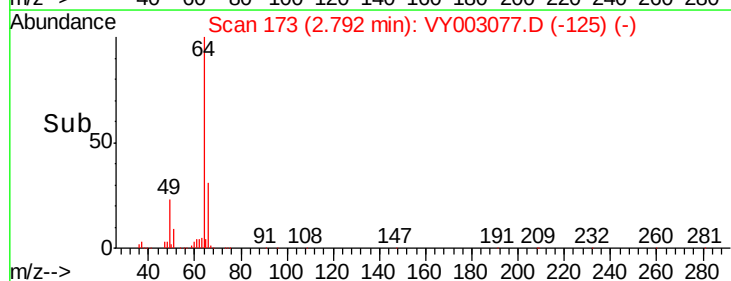
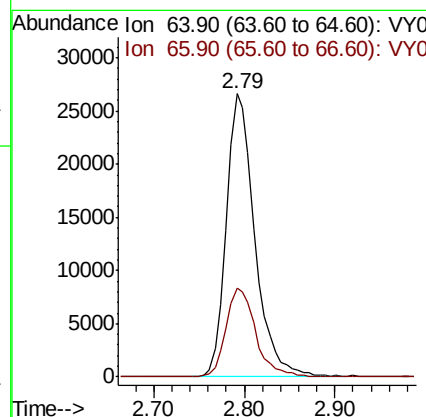
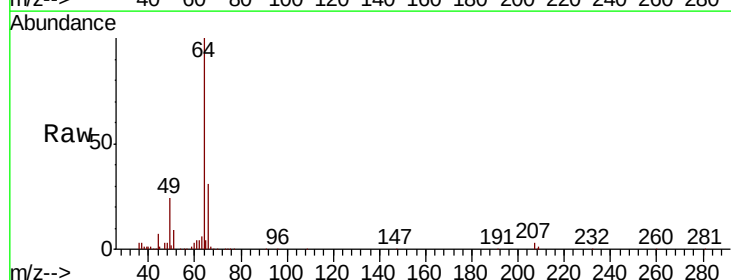
Instrument :
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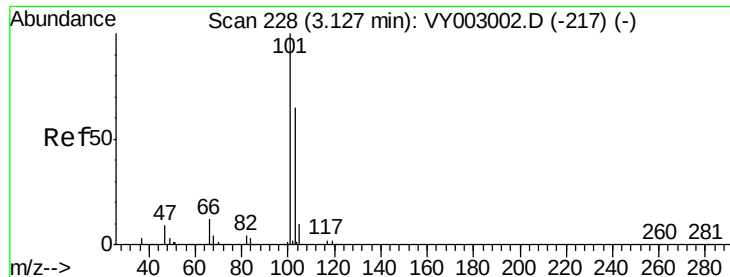
Tot Ion: 94 Resp: 67486
Ion Ratio Lower Upper
94 100
96 97.4 73.4 110.2



#6
Chloroethane
Concen: 20.739 ug/l
RT: 2.79 min Scan# 173
Delta R.T. -0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 64 Resp: 58204
Ion Ratio Lower Upper
64 100
66 31.4 27.0 40.4



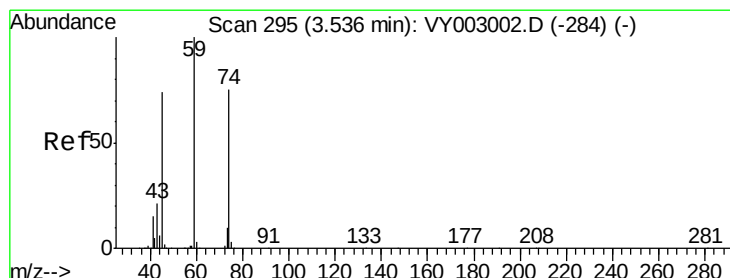
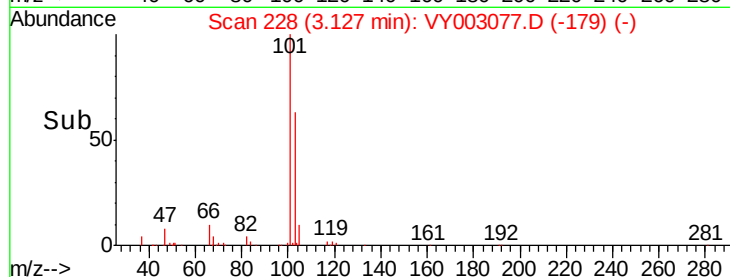
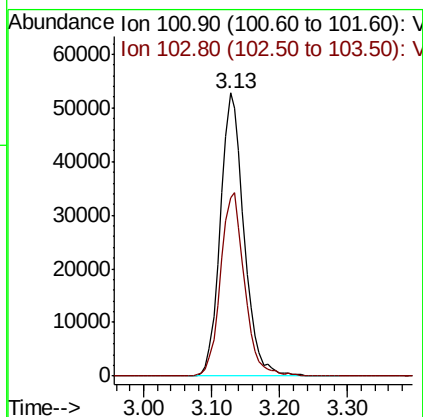
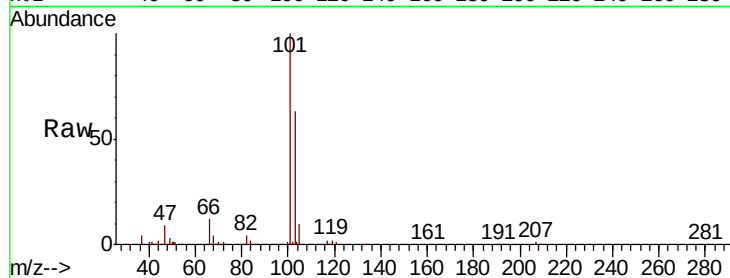


#7

Trichlorofluoromethane
Concen: 20.436 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Instrument :
MSVOA_Y
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VY0702SBS01

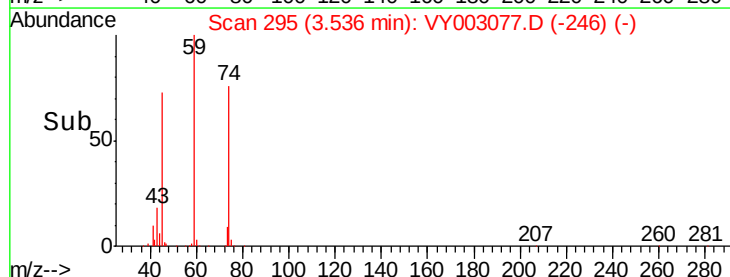
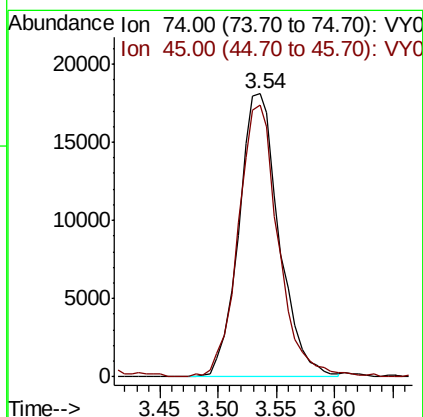
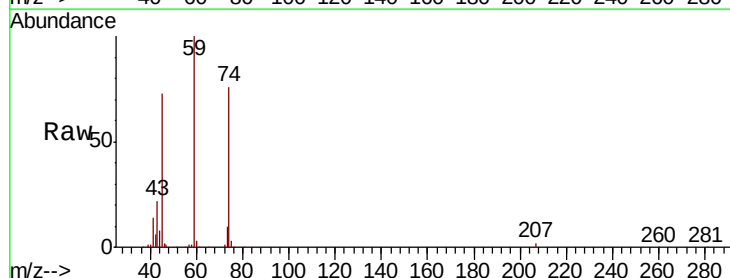
Tot Ion:101 Resp: 127248
Ion Ratio Lower Upper
101 100
103 63.2 51.6 77.4

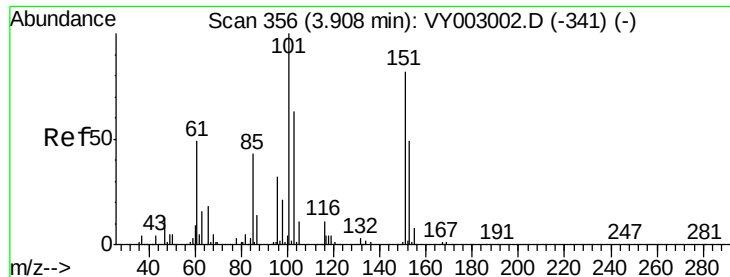


#8

Diethyl Ether
Concen: 20.420 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 74 Resp: 43589
Ion Ratio Lower Upper
74 100
45 96.1 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.859 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

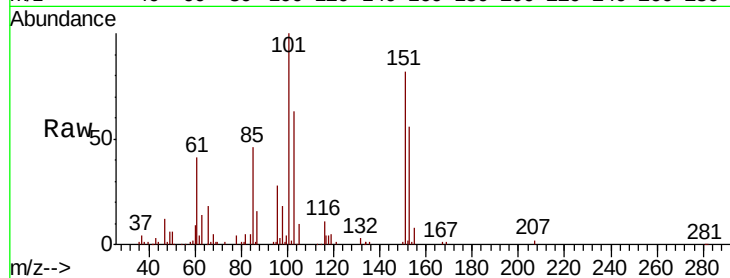
Tot Ion:101 Resp: 77550

Ion Ratio Lower Upper

101 100

85 45.3 35.5 53.3

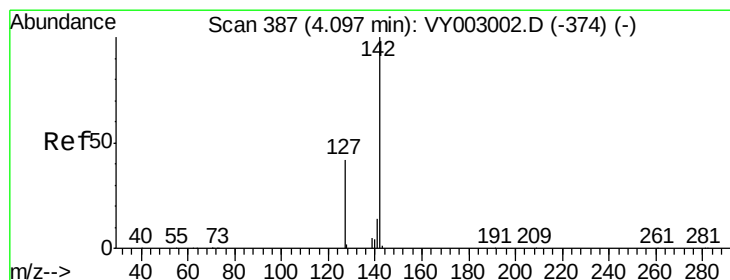
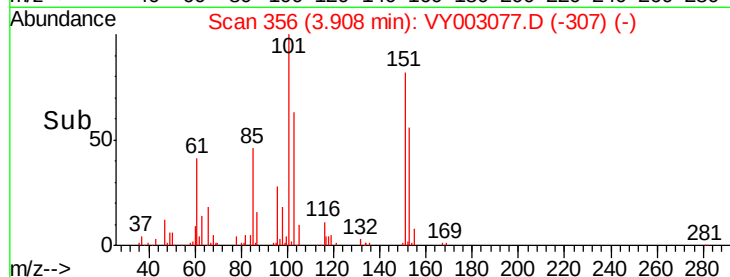
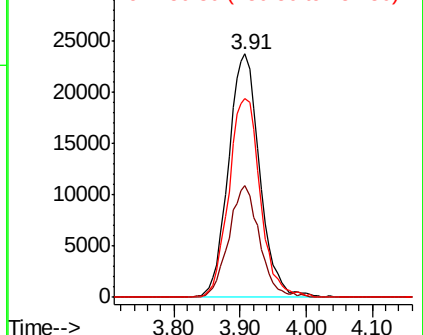
151 82.3 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.928 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

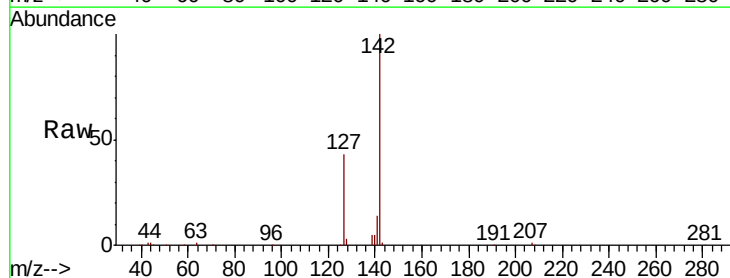
Tgt Ion:142 Resp: 87261

Ion Ratio Lower Upper

142 100

127 43.9 34.2 51.2

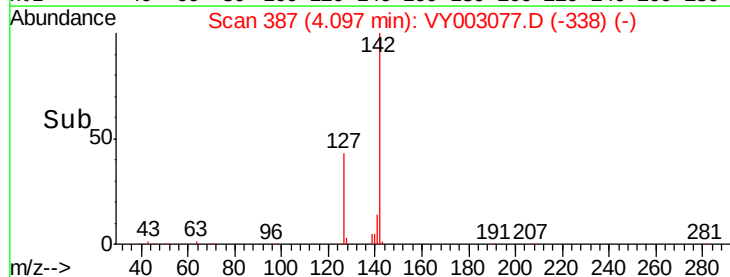
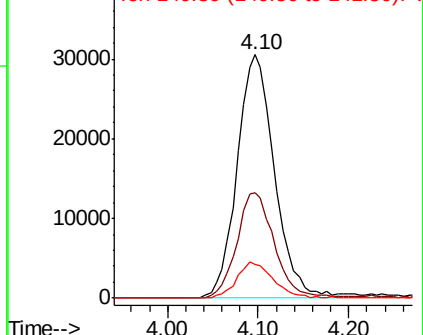
141 14.3 11.7 17.5

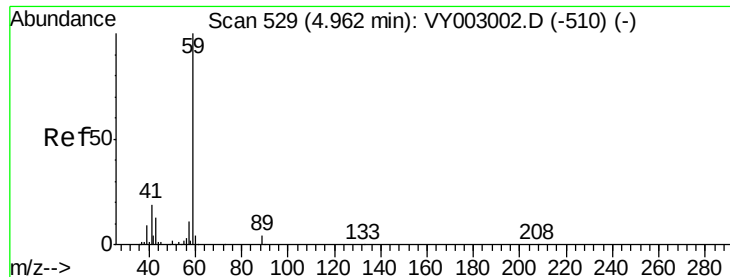


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

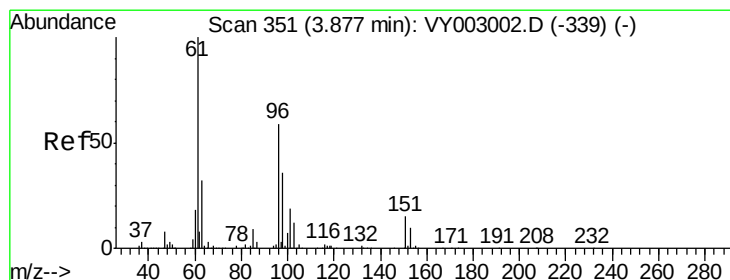
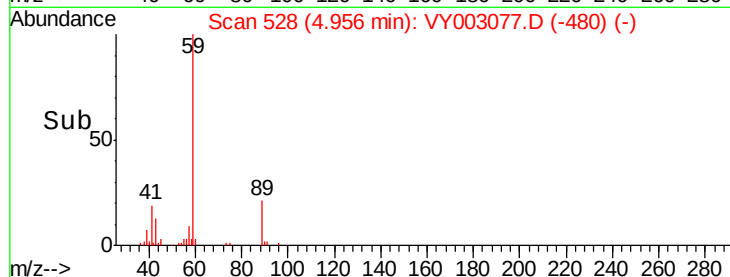
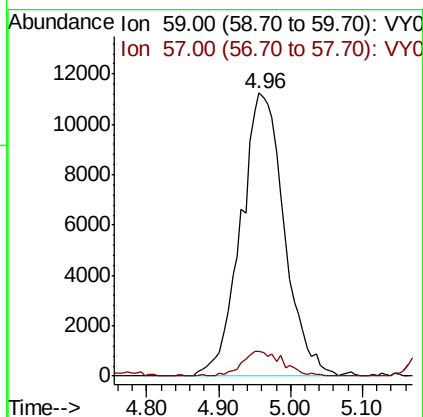
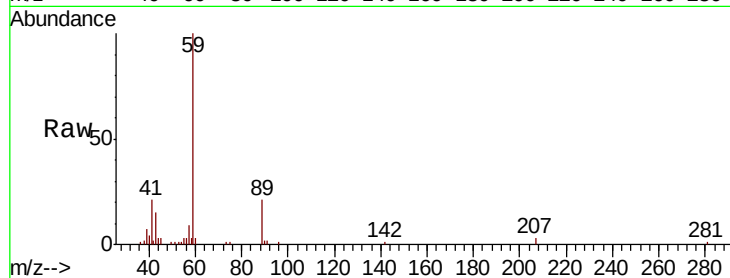




#11
Tert butyl alcohol
Concen: 114.203 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

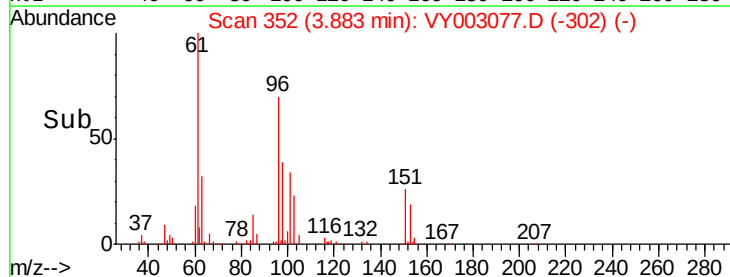
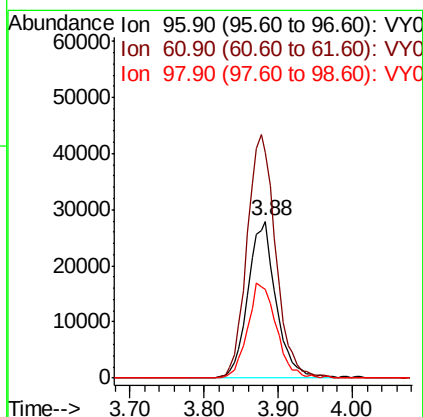
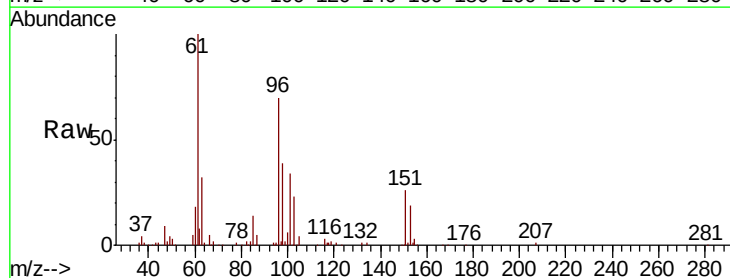
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

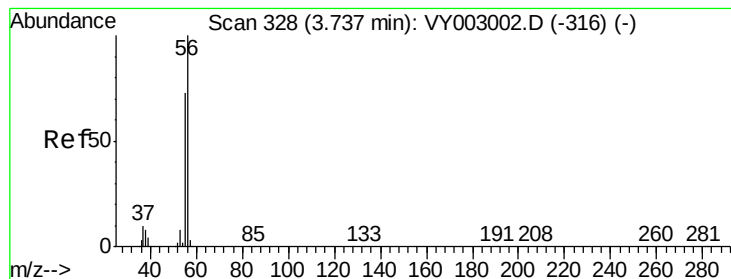
Tot Ion: 59 Resp: 47141
Ion Ratio Lower Upper
59 100
57 8.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.977 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 96 Resp: 74205
Ion Ratio Lower Upper
96 100
61 143.6 136.7 205.1
98 56.2 49.7 74.5





#13

Acrolein

Concen: 90.153 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

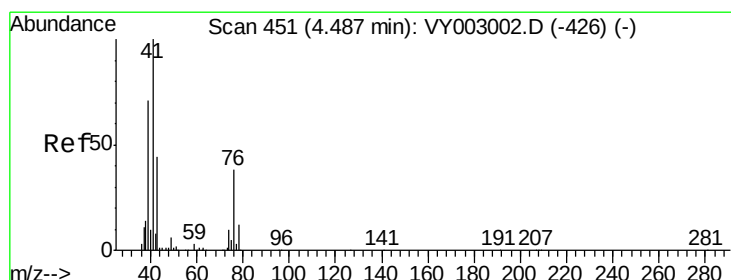
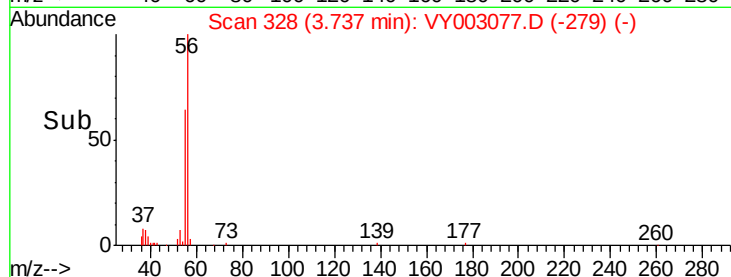
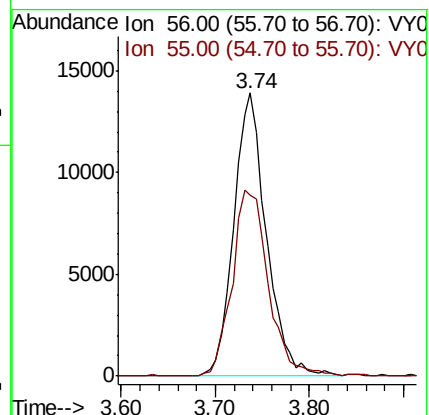
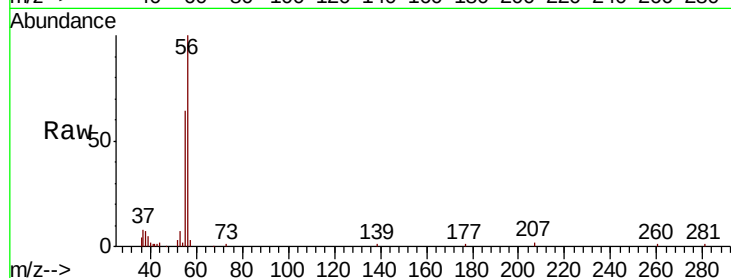
VY0702SBS01

Tot Ion: 56 Resp: 33423

Ion Ratio Lower Upper

56 100

55 73.2 56.4 84.6



#14

Allyl chloride

Concen: 19.115 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

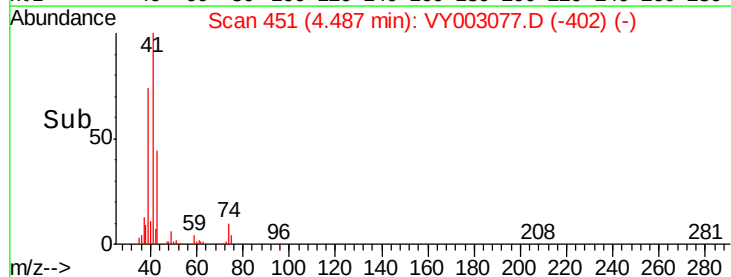
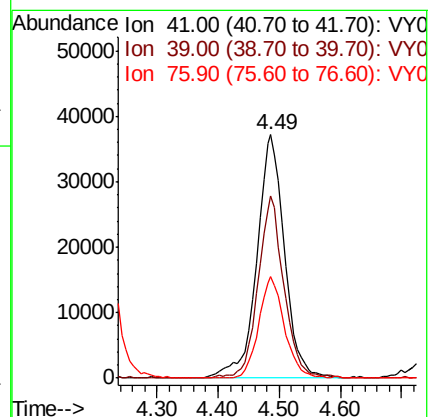
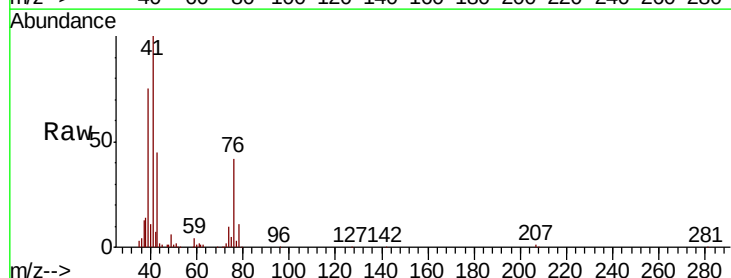
Tgt Ion: 41 Resp: 118058

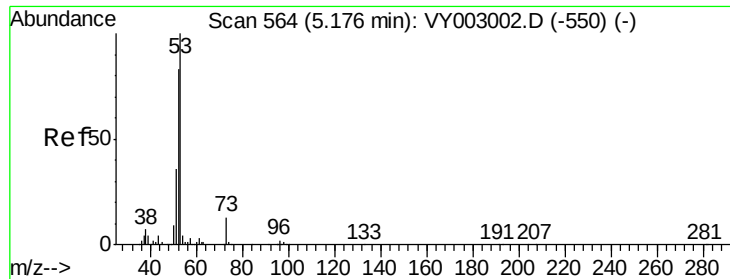
Ion Ratio Lower Upper

41 100

39 70.1 55.6 83.4

76 38.7 28.6 43.0





#15

Acrylonitrile

Concen: 99.923 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

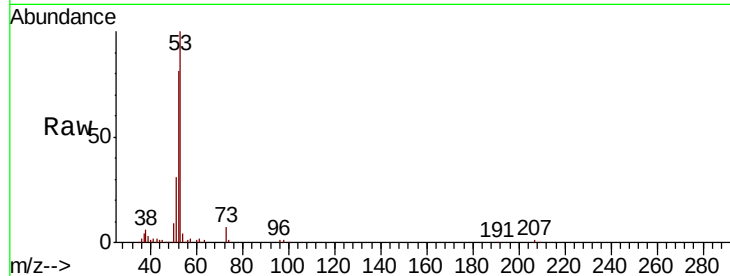
Tot Ion: 53 Resp: 109929

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

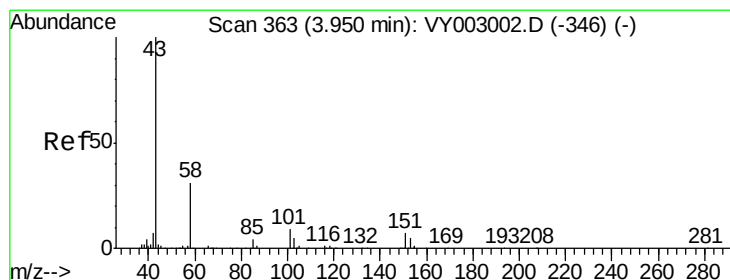
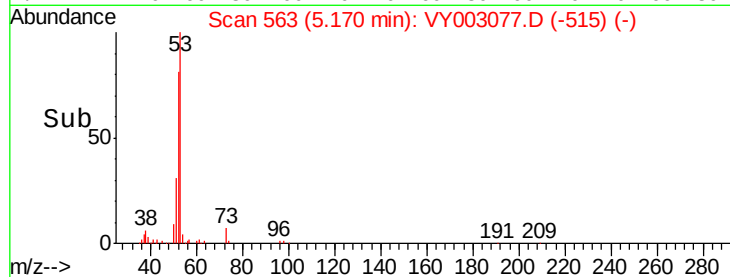
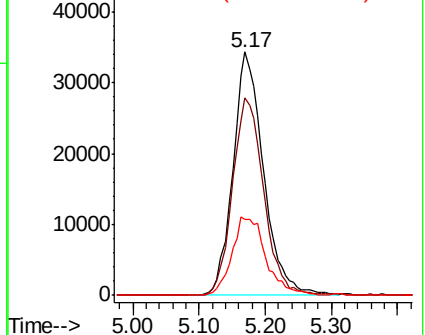
51 35.7 29.5 44.3



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: 98.167 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003077.D

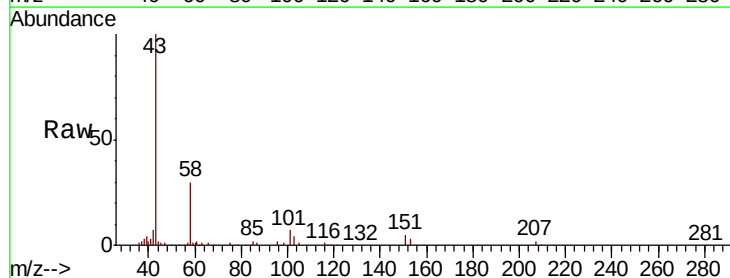
Acq: 02 Jul 2020 11:46

Tgt Ion: 43 Resp: 93777

Ion Ratio Lower Upper

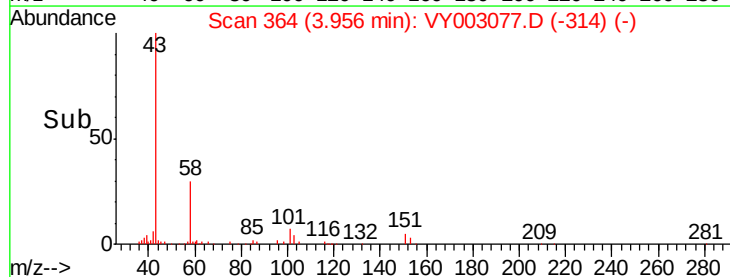
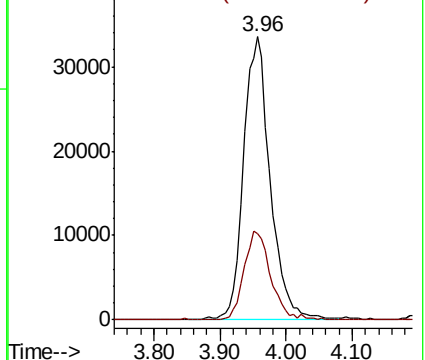
43 100

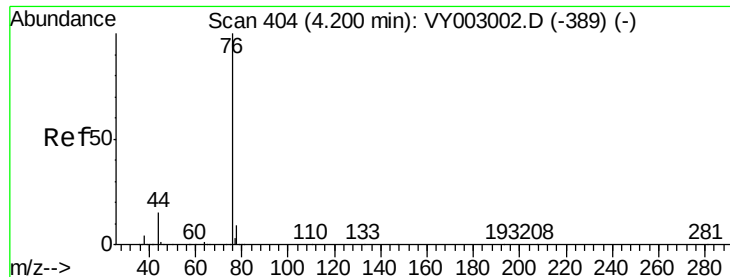
58 30.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

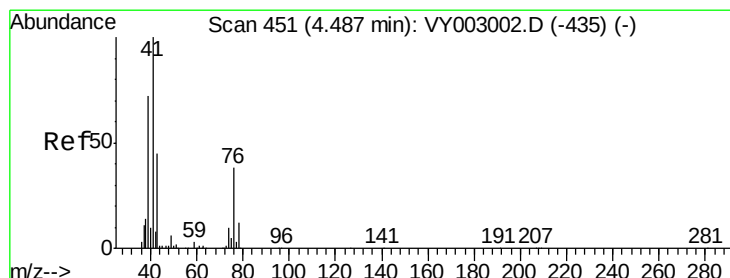
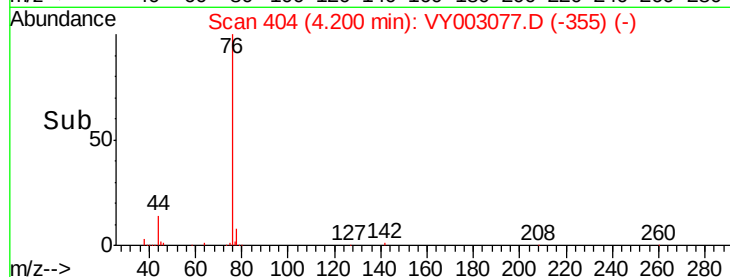
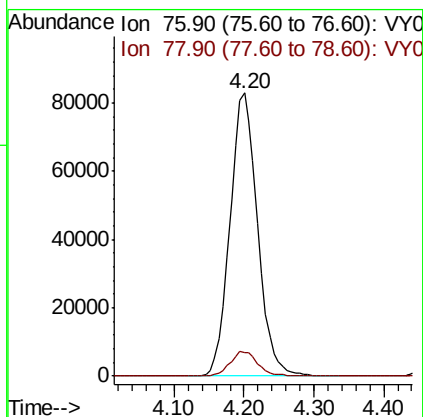
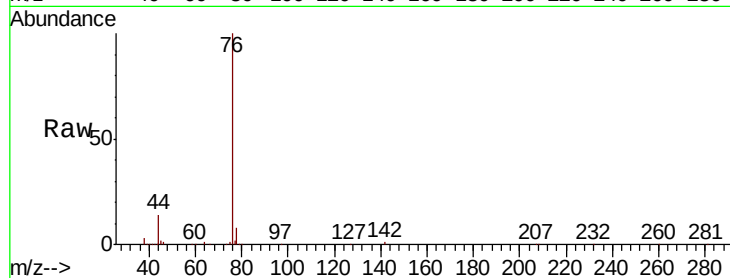




#17
Carbon Disulfide
Concen: 20.056 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

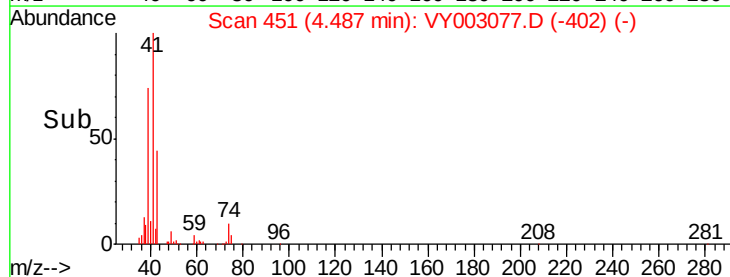
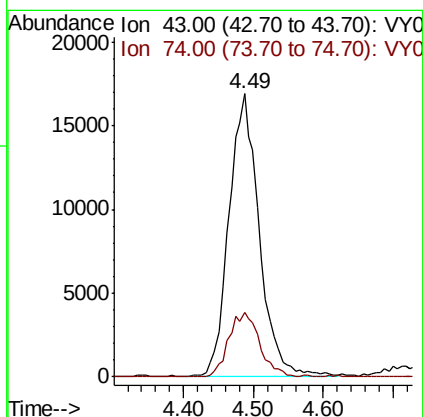
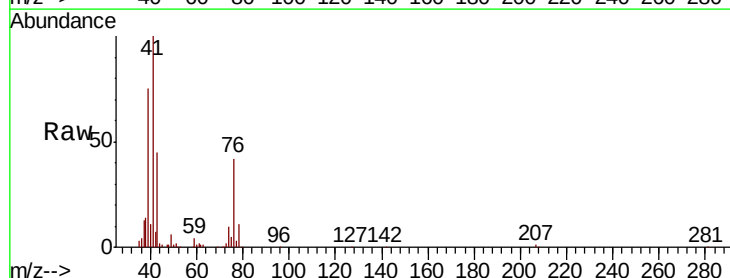
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

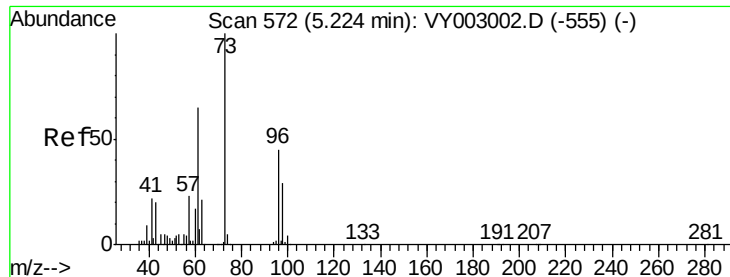
Tot Ion: 76 Resp: 226678
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 19.785 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 43 Resp: 50920
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.4



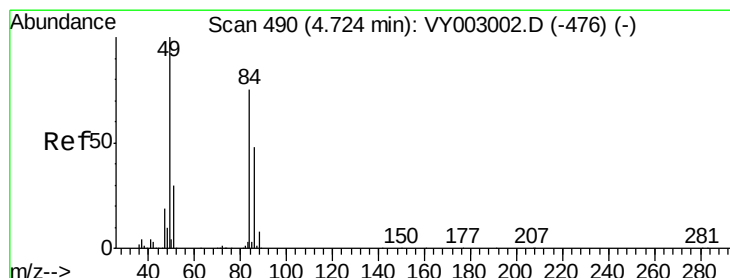
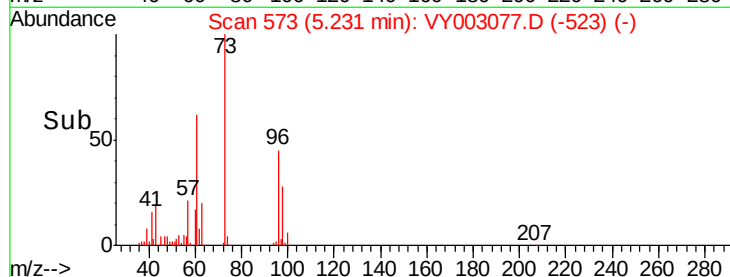
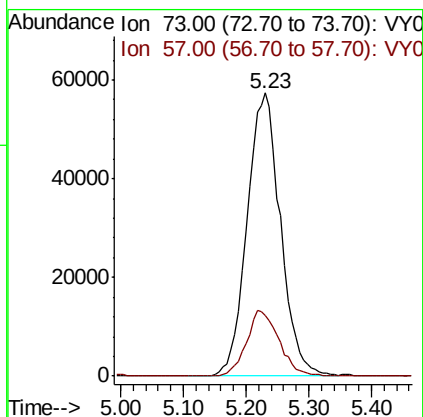
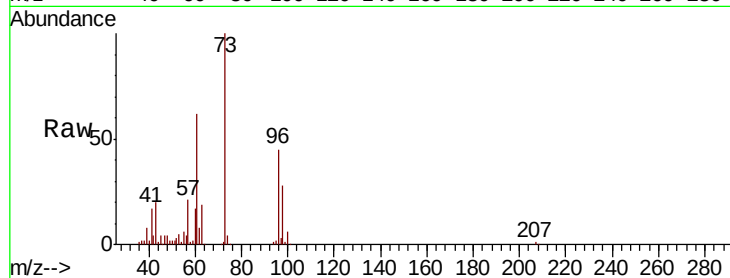


#19

Methyl tert-butyl Ether
 Concen: 20.428 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

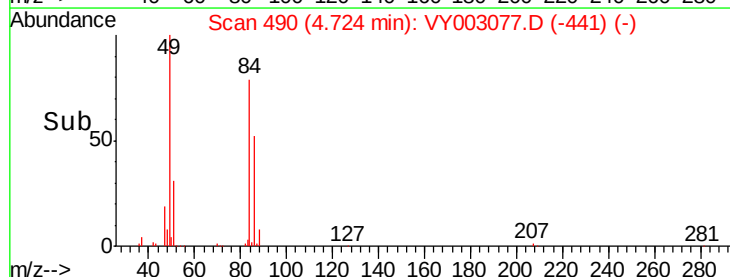
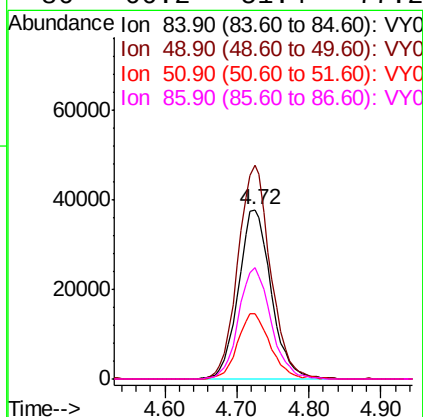
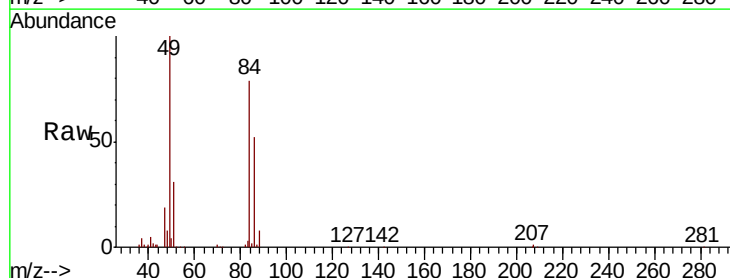
Tot Ion: 73 Resp: 210645
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.2 27.2

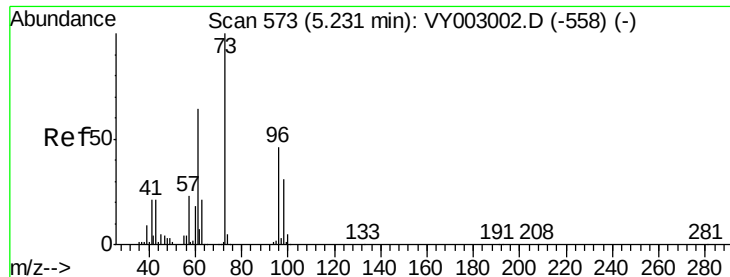


#20

Methylene Chloride
 Concen: 24.283 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion: 84 Resp: 118796
 Ion Ratio Lower Upper
 84 100
 49 126.4 106.8 160.2
 51 38.6 32.0 48.0
 86 66.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.549 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

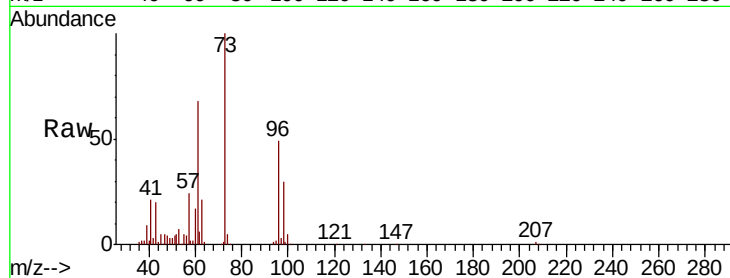
Tot Ion: 96 Resp: 82223

Ion Ratio Lower Upper

96 100

61 139.3 112.3 168.5

98 61.1 53.8 80.8

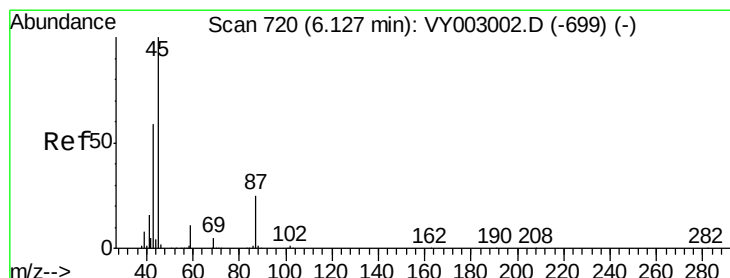
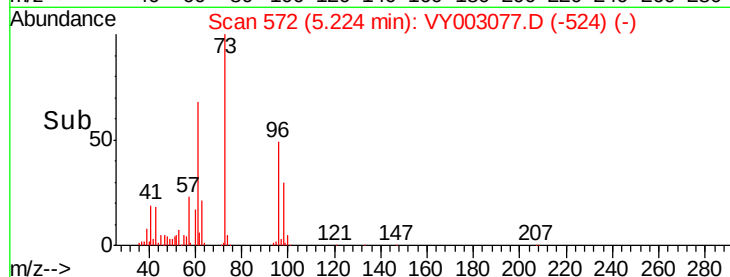
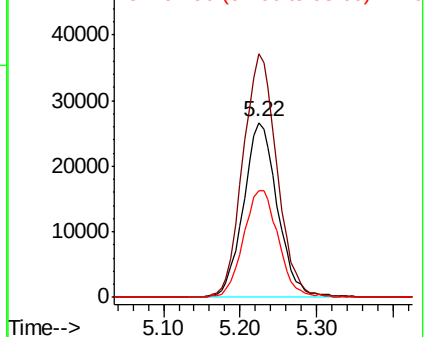


Abundance

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: 19.587 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Tgt Ion: 45 Resp: 259280

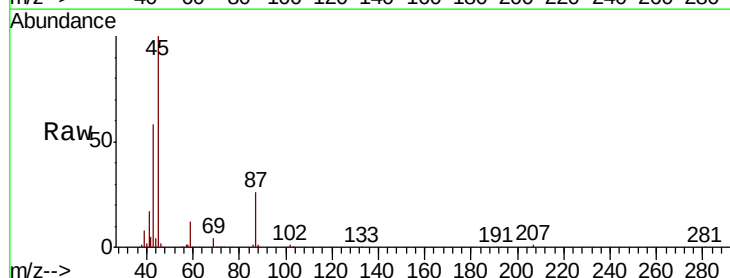
Ion Ratio Lower Upper

45 100

43 57.2 47.4 71.2

87 26.0 20.2 30.2

59 11.7 9.2 13.8



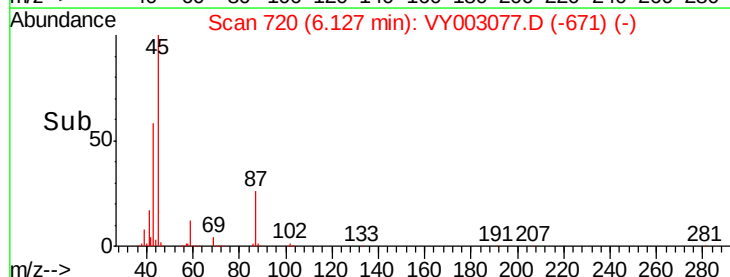
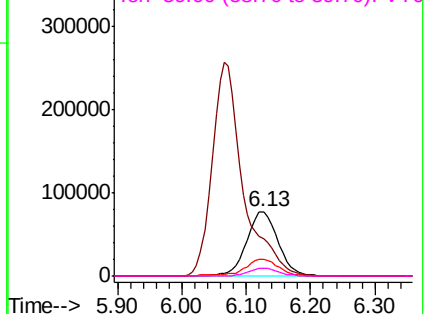
Abundance

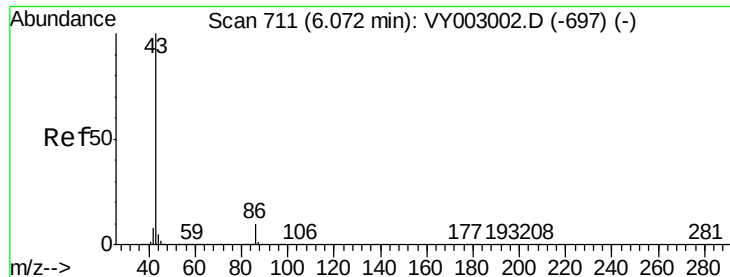
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

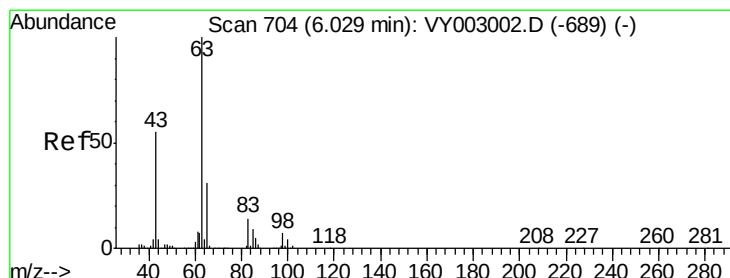
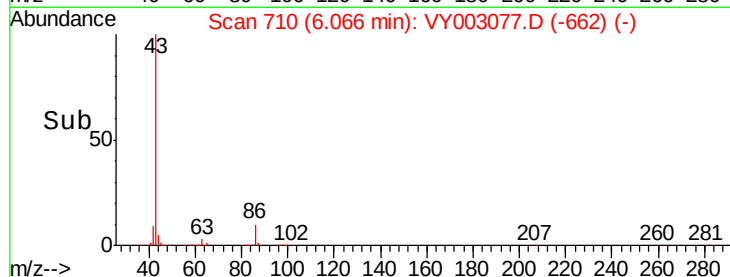
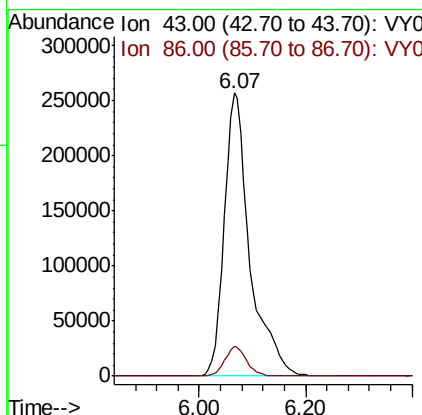
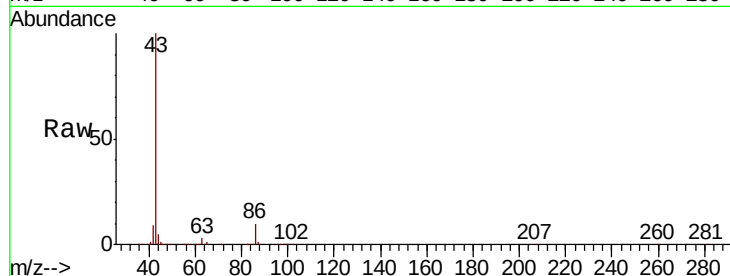




#23
 Vinyl Acetate
 Concen: 97.409 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

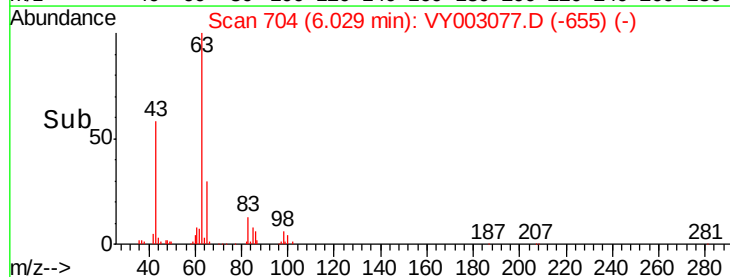
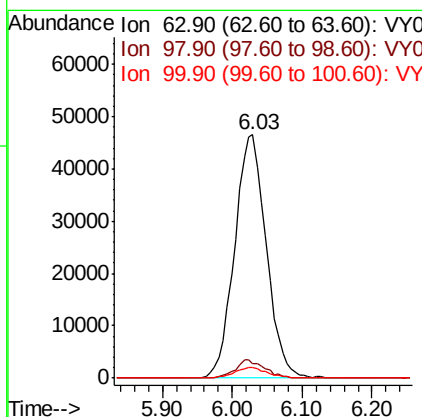
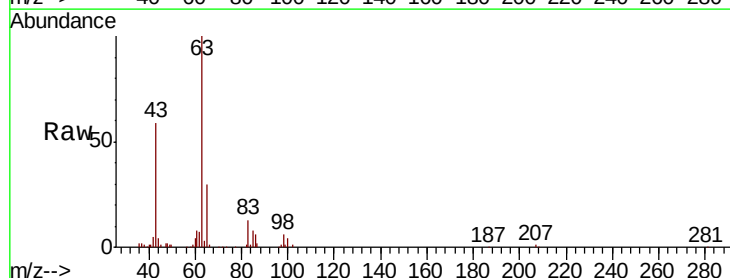
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

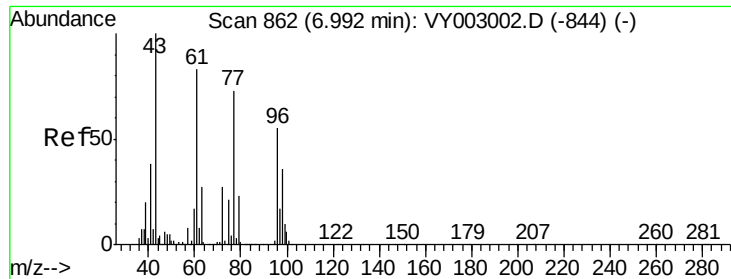
Tot Ion: 43 Resp: 862100
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.153 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion: 63 Resp: 145731
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.1
 100 4.4 2.3 6.8

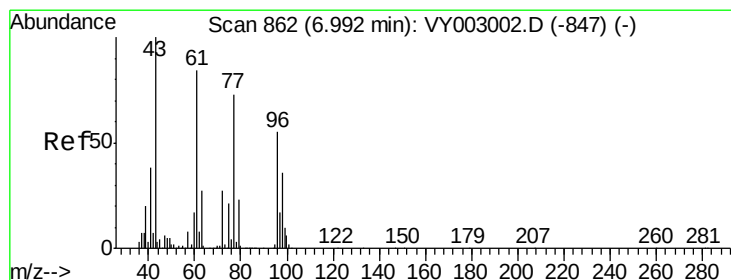
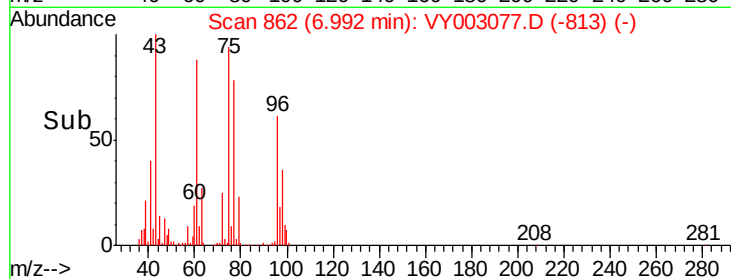
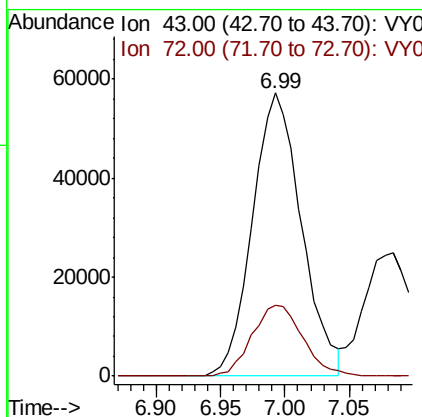
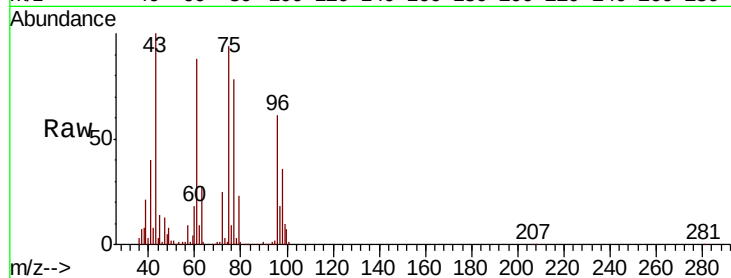




#25
2-Butanone
Concen: 99.629 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

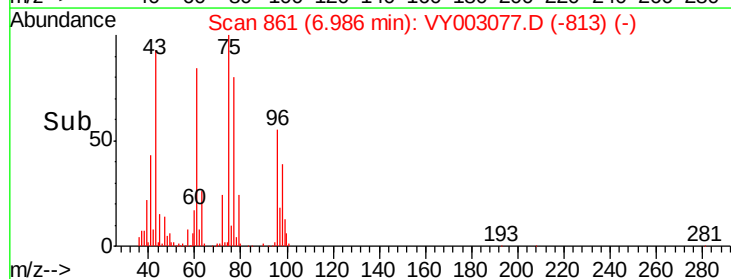
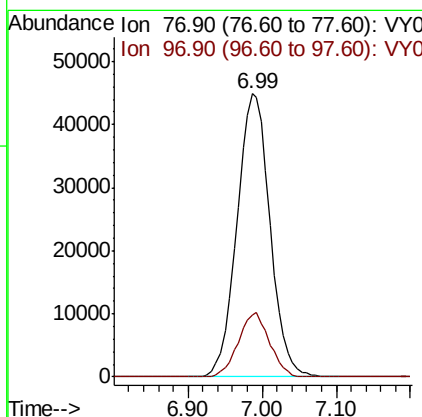
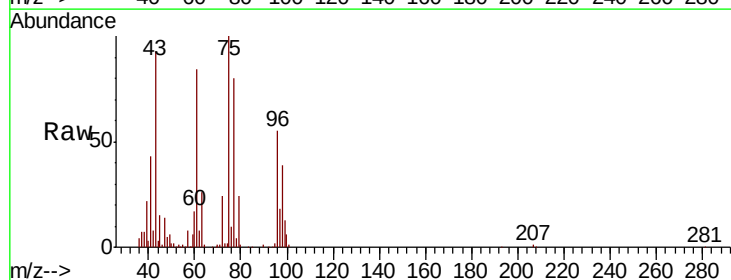
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

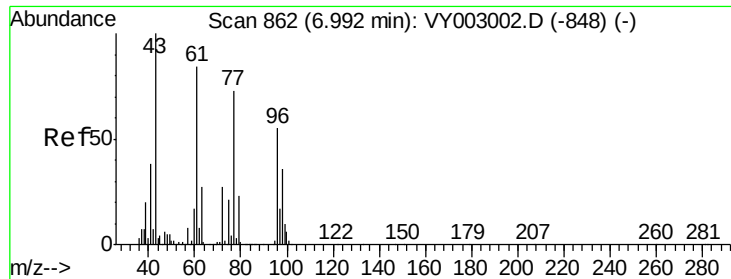
Tot Ion: 43 Resp: 151183
Ion Ratio Lower Upper
43 100
72 24.9 21.4 32.0



#26
2,2-Dichloropropane
Concen: 21.200 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 77 Resp: 139284
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.9



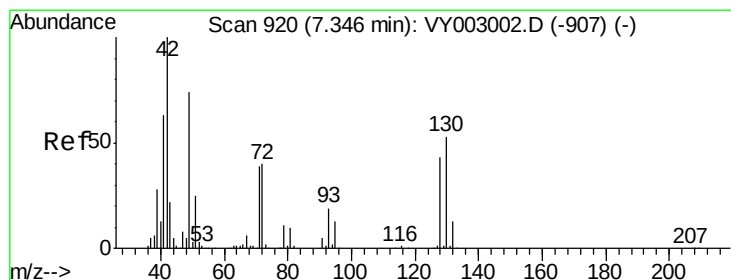
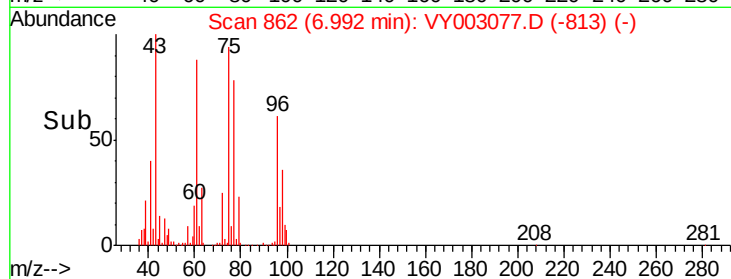
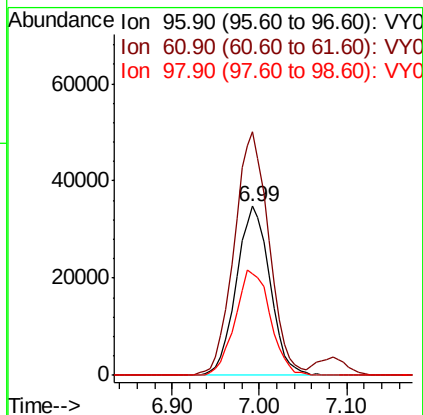
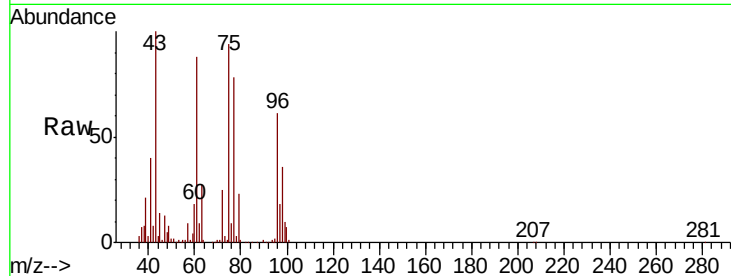


#27

cis-1,2-Dichloroethene
Concen: 20.779 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

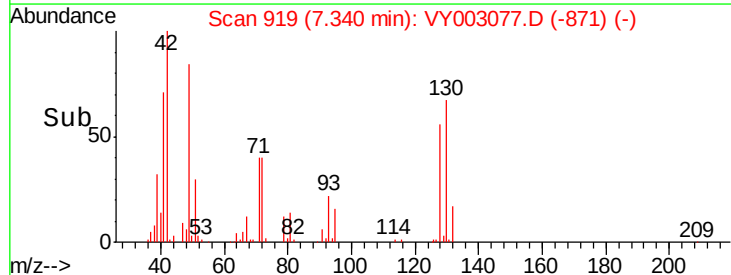
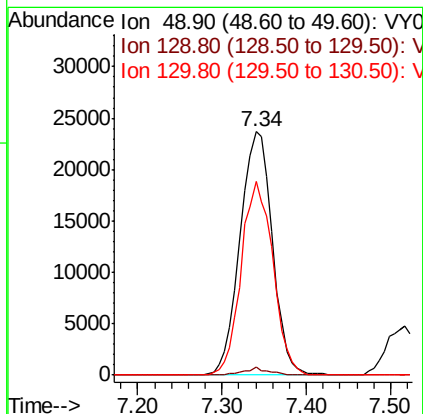
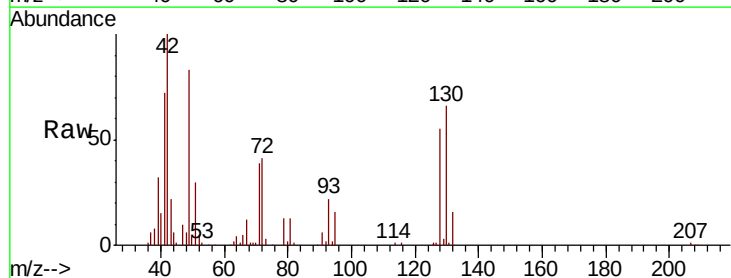
Tot Ion: 96 Resp: 93258
Ion Ratio Lower Upper
96 100
61 148.4 0.0 301.2
98 64.6 0.0 129.0

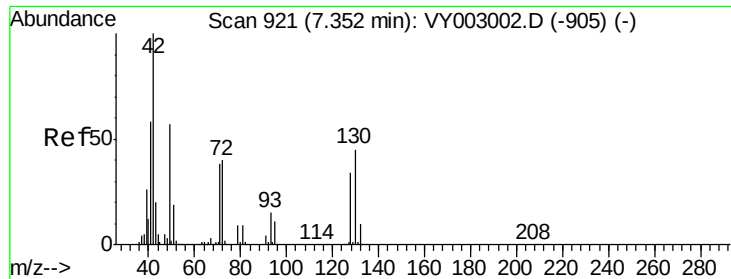


#28

Bromochloromethane
Concen: 19.106 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 49 Resp: 61472
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 77.9 57.0 85.6

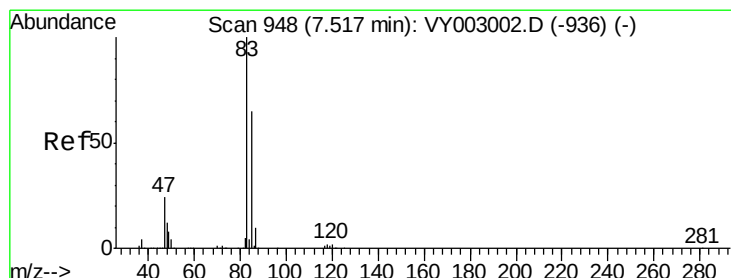
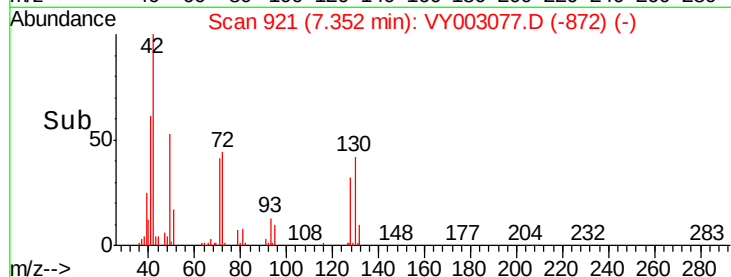
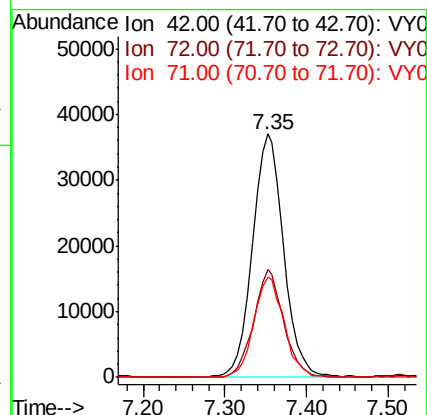
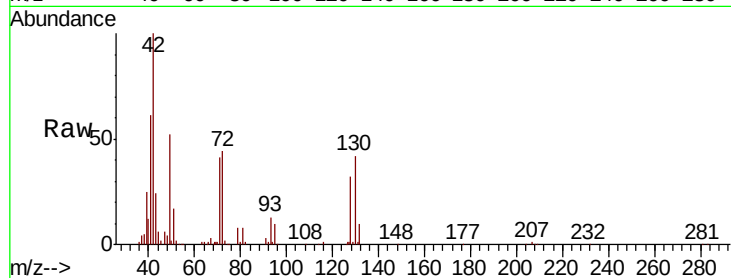




#29
Tetrahydrofuran
Concen: 97.788 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

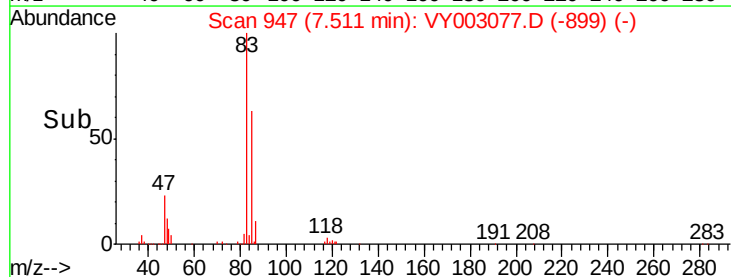
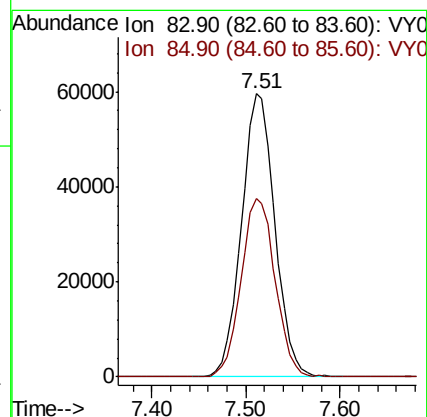
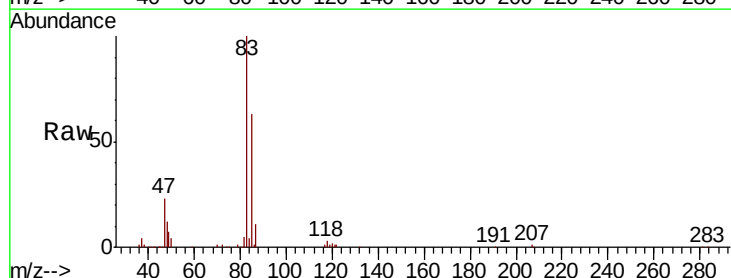
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

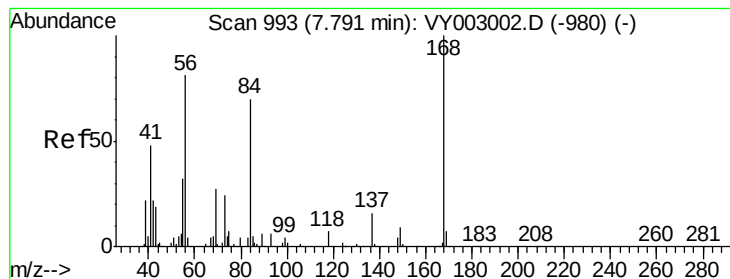
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.9	49.3
71	40.3	31.2	46.8



#30
Chloroform
Concen: 20.535 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.7	77.5





#31

Cyclohexane

Concen: 19.399 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

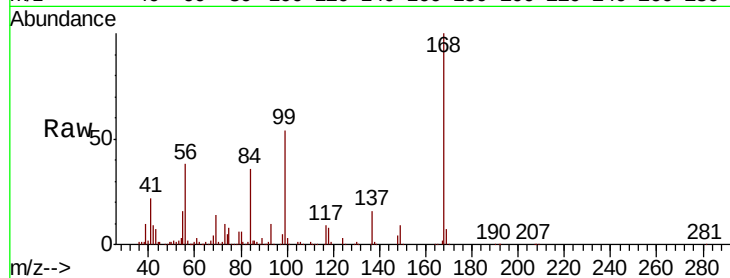
Tot Ion: 56 Resp: 138196

Ion Ratio Lower Upper

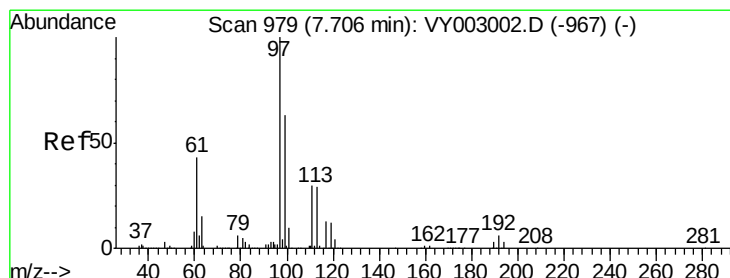
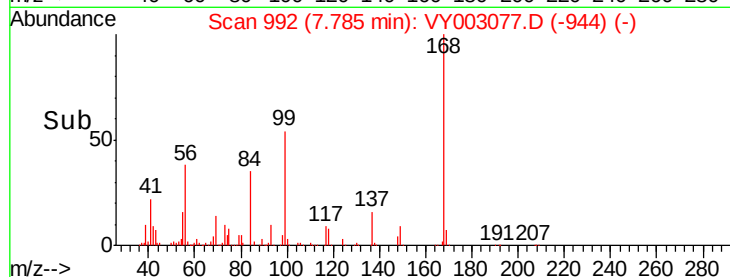
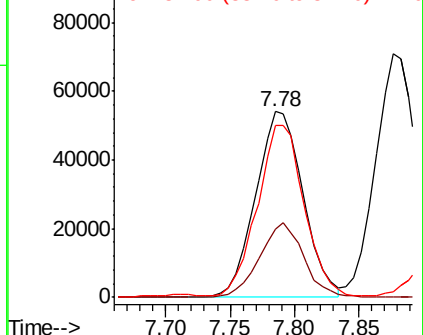
56 100

69 37.1 27.0 40.4

84 90.9 68.1 102.1



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: 20.591 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

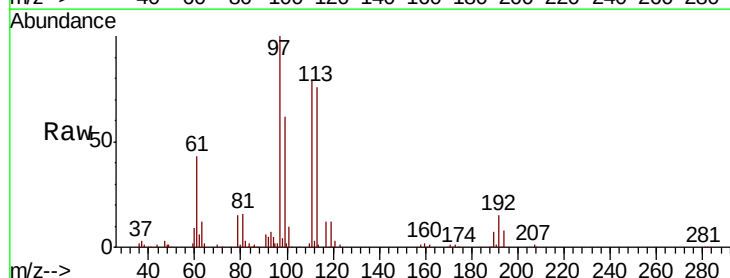
Tgt Ion: 97 Resp: 134645

Ion Ratio Lower Upper

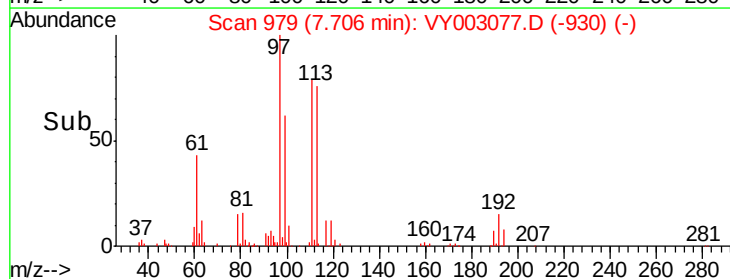
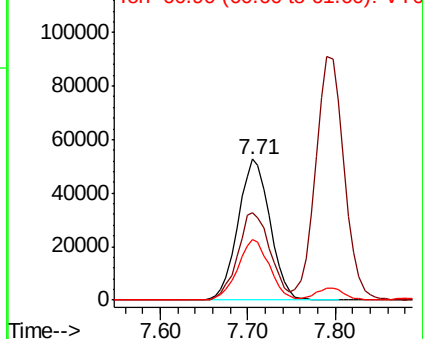
97 100

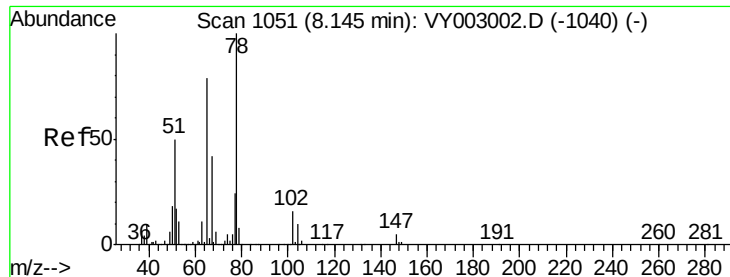
99 62.9 51.4 77.2

61 42.2 33.9 50.9



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

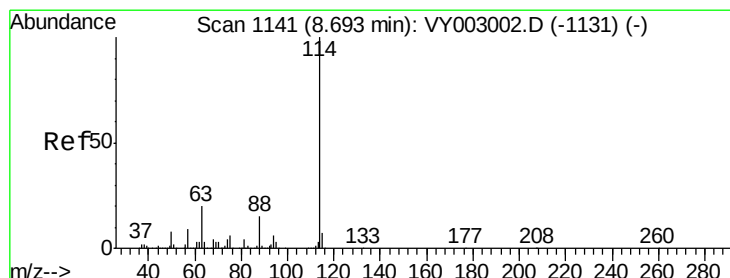
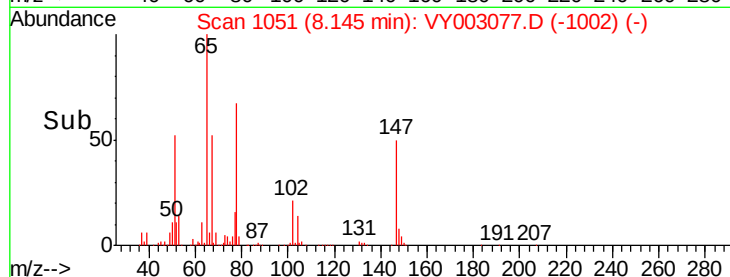
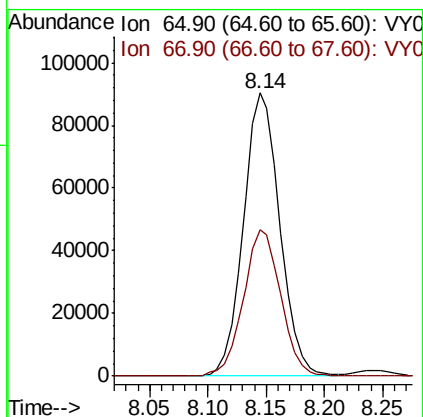
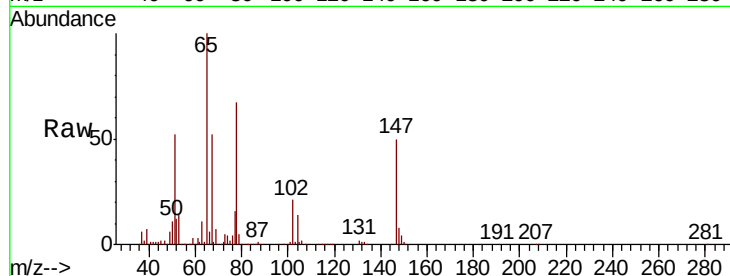




#33
 1,2-Dichloroethane-d4
 Concen: 48.557 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

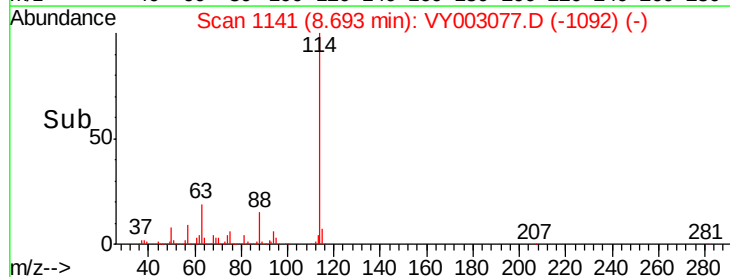
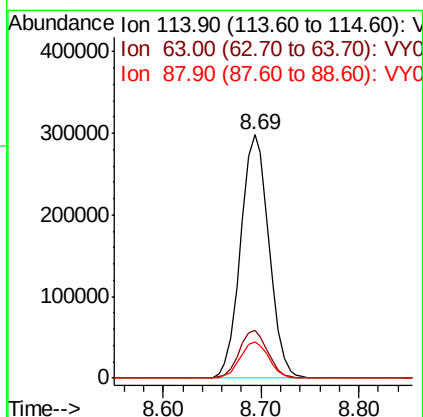
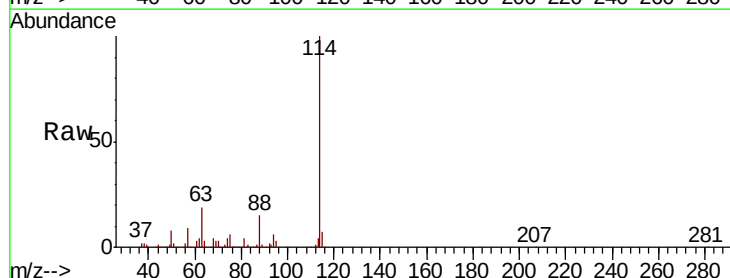
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

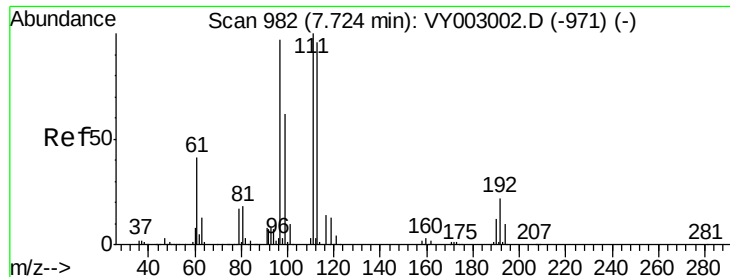
Tot Ion: 65 Resp: 196675
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion: 114 Resp: 598937
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 15.0 0.0 30.0

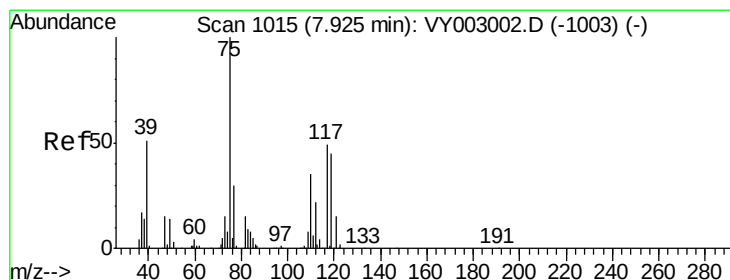
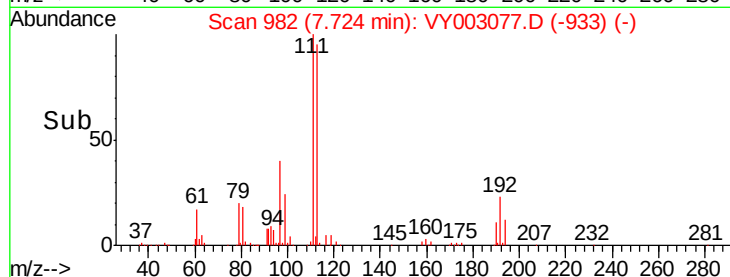
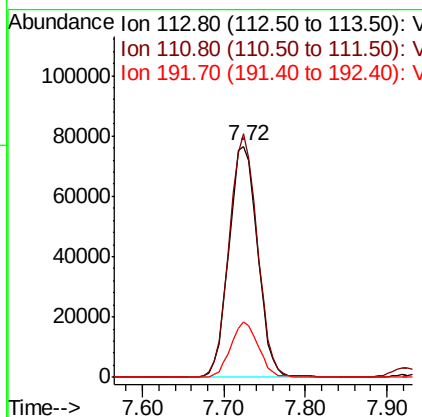
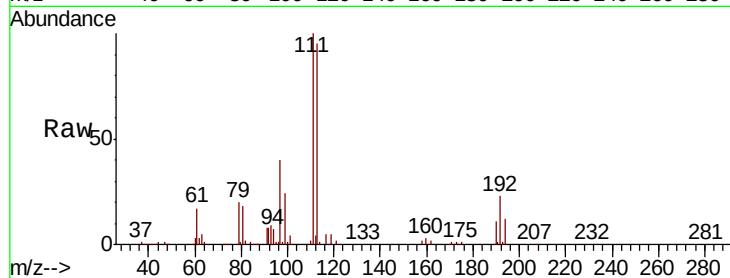




#35
 Dibromofluoromethane
 Concen: 49.687 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

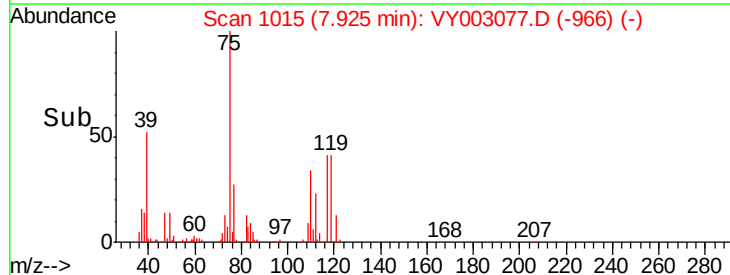
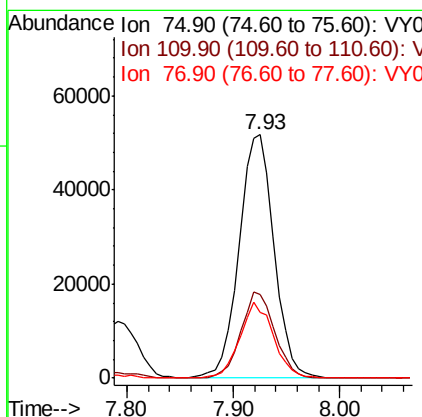
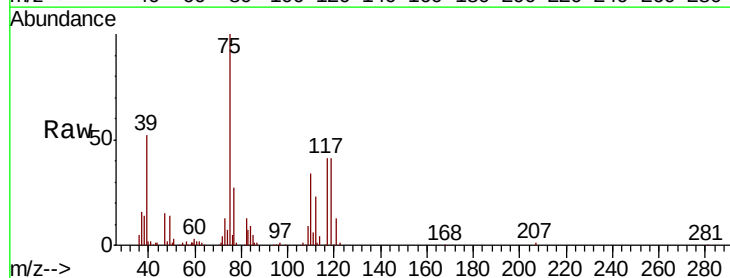
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

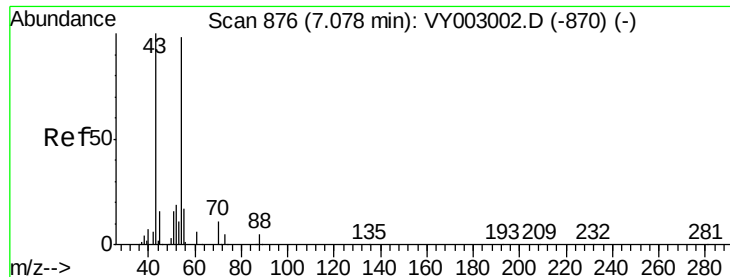
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	23.0	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 20.682 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.1	51.2
77	30.0	24.9	37.3

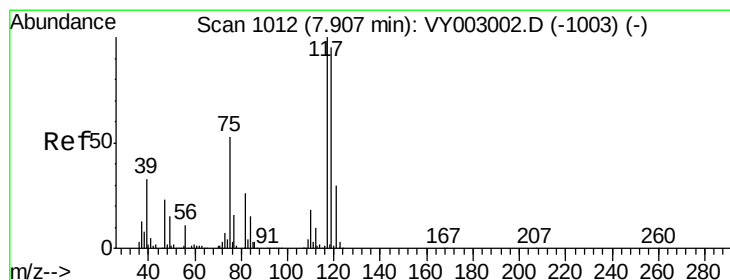
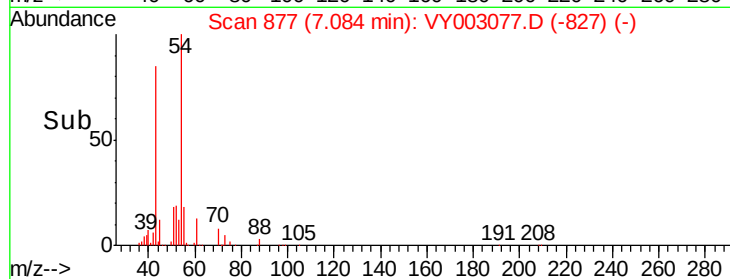
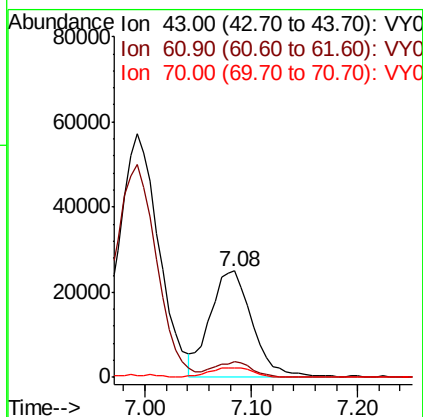
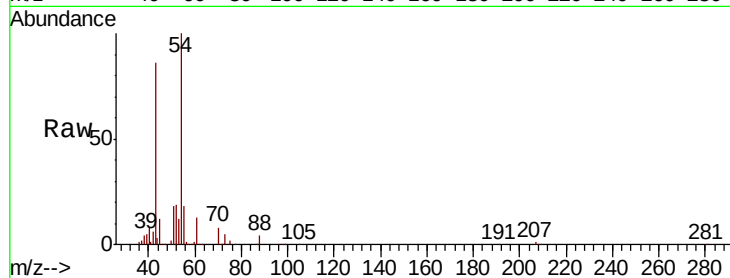




#37
Ethyl Acetate
Concen: 19.713 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

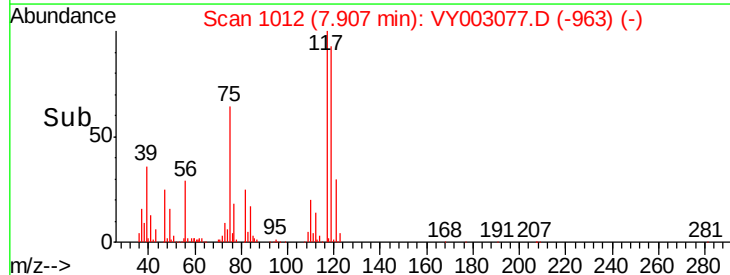
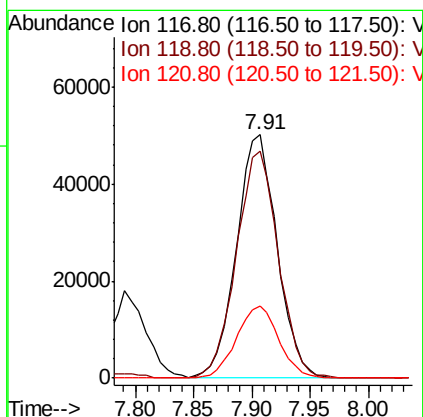
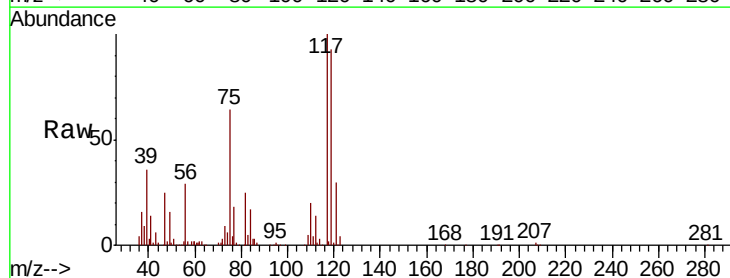
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

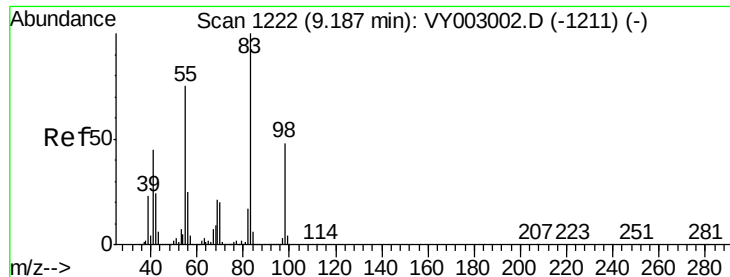
Tot Ion: 43 Resp: 68381
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.348 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 117 Resp: 122137
Ion Ratio Lower Upper
117 100
119 93.3 75.7 113.5
121 29.8 23.9 35.9

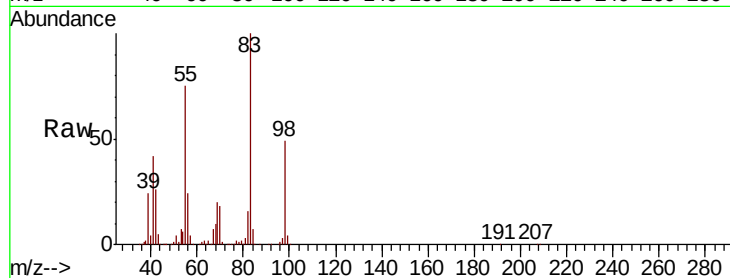




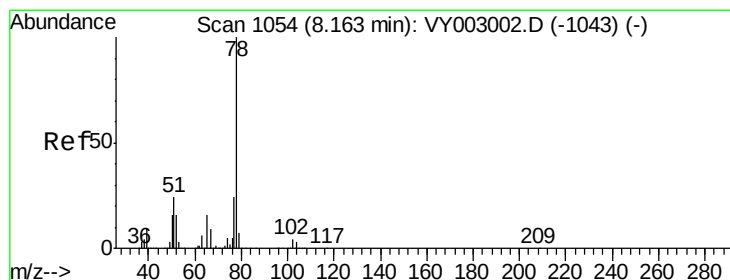
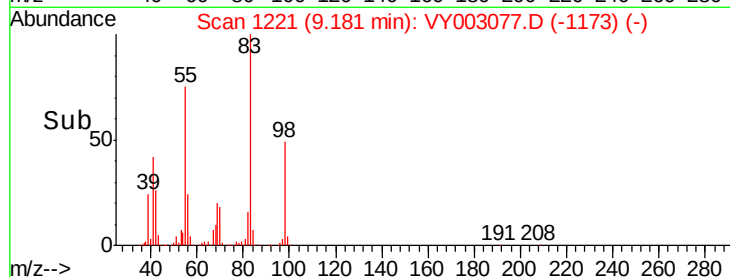
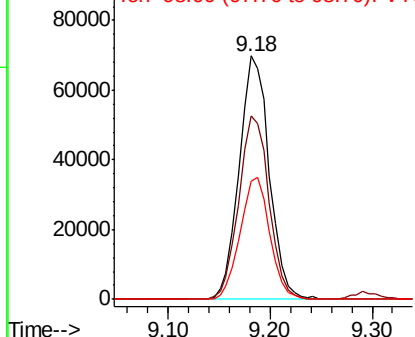
#39
Methylvlcyclohexane
Concen: 19.951 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

Tot Ion: 83 Resp: 142706
Ion Ratio Lower Upper
83 100
55 75.4 59.9 89.9
98 48.6 38.7 58.1

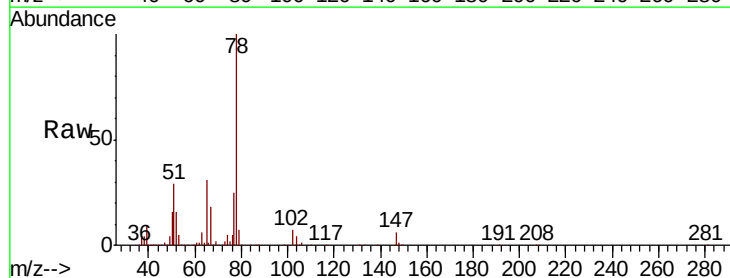


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

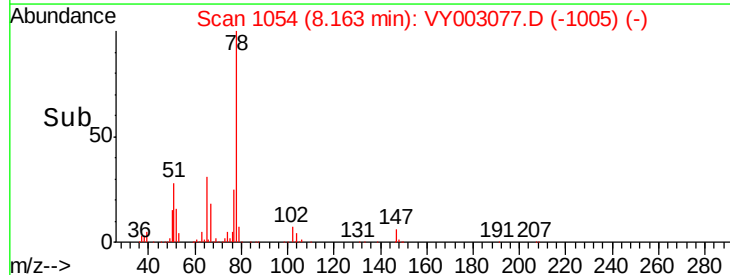
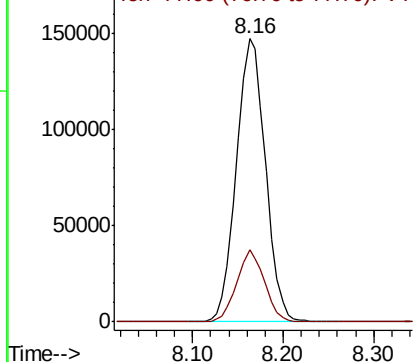


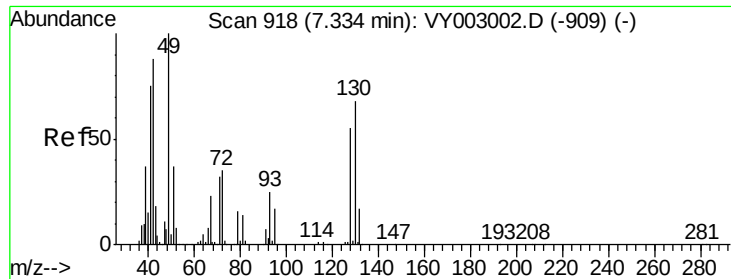
#40
Benzene
Concen: 20.759 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 78 Resp: 327872
Ion Ratio Lower Upper
78 100
77 25.3 19.2 28.8



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

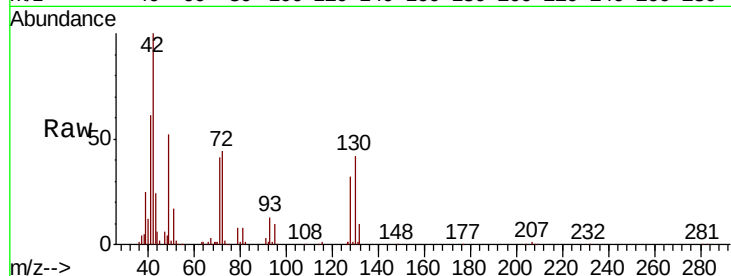




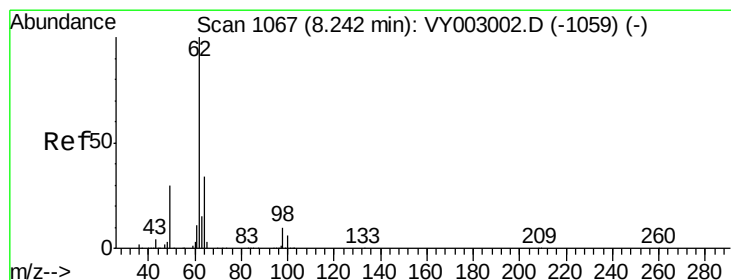
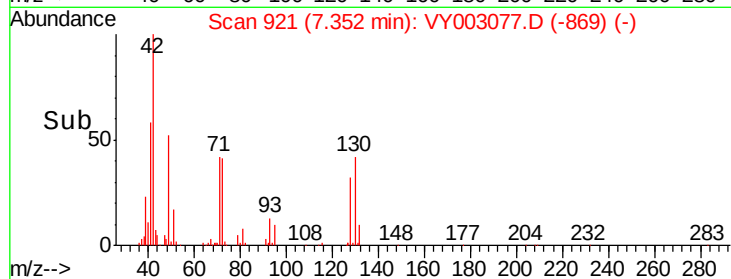
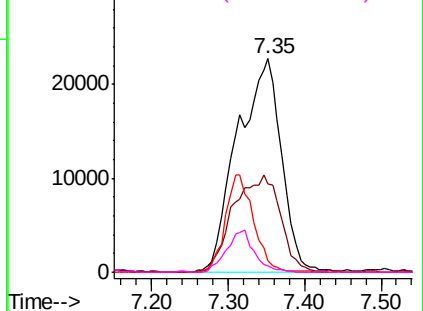
#41
Methacrylonitrile
Concen: 48.971 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

Tot Ion: 41 Resp: 90740
Ion Ratio Lower Upper
41 100
39 48.6 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

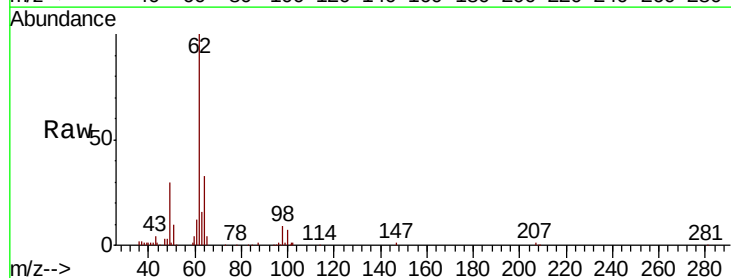


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

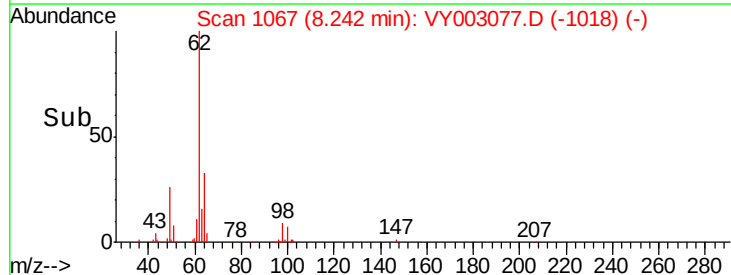
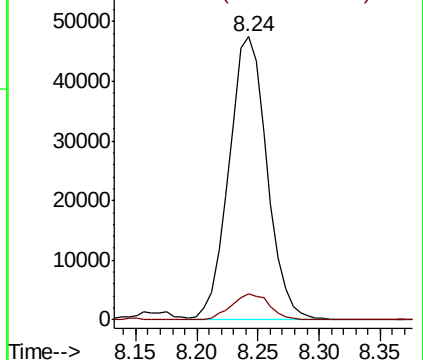


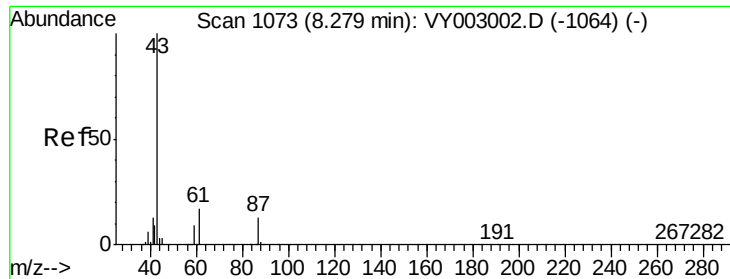
#42
1,2-Dichloroethane
Concen: 20.509 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 62 Resp: 102475
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2



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





#43

Isopropyl Acetate

Concen: 19.521 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

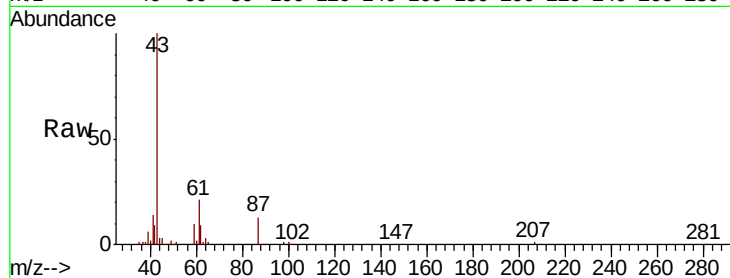
Tot Ion: 43 Resp: 128730

Ion Ratio Lower Upper

43 100

61 28.2 21.8 32.6

87 13.1 10.1 15.1

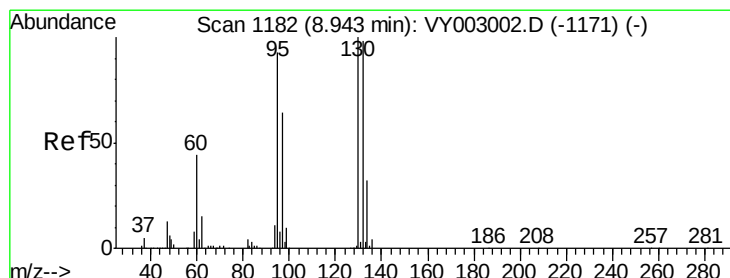
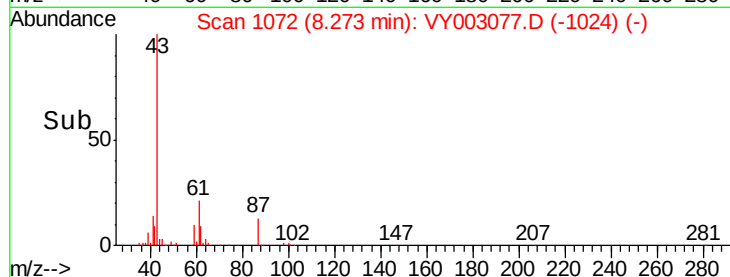
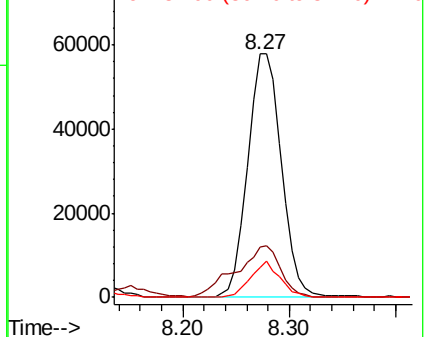


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.957 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003077.D

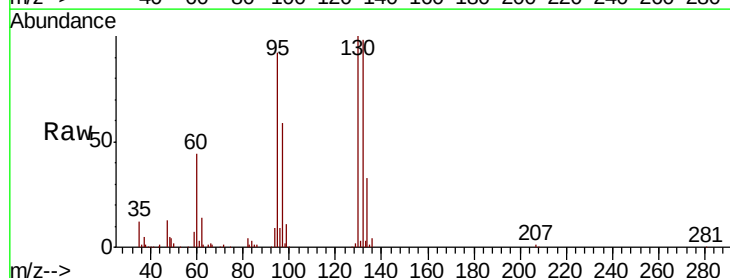
Acq: 02 Jul 2020 11:46

Tgt Ion:130 Resp: 96209

Ion Ratio Lower Upper

130 100

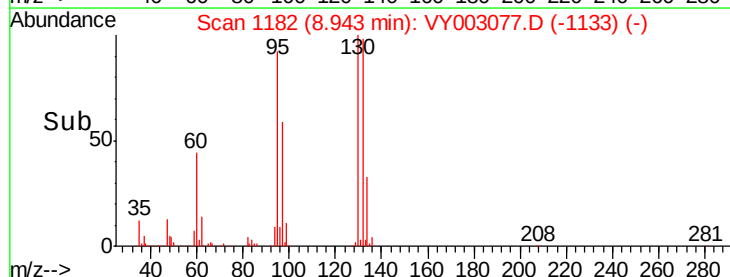
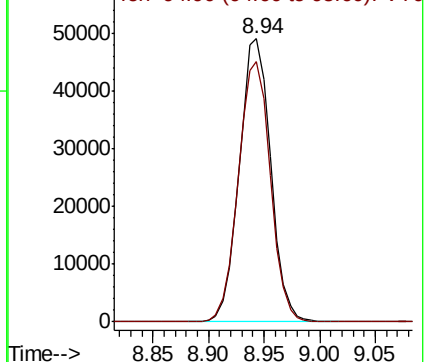
95 92.1 0.0 186.4

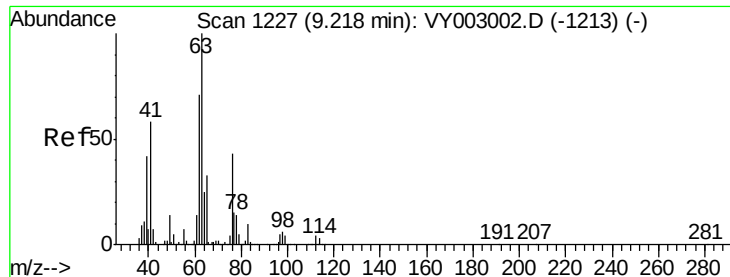


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

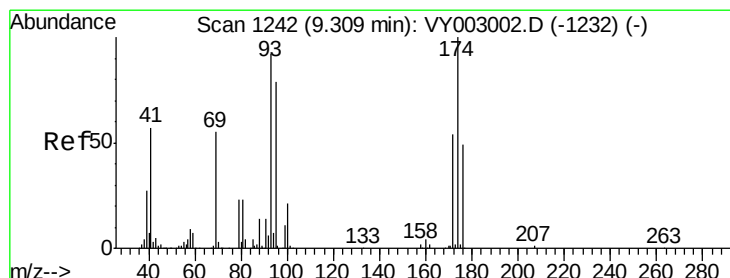
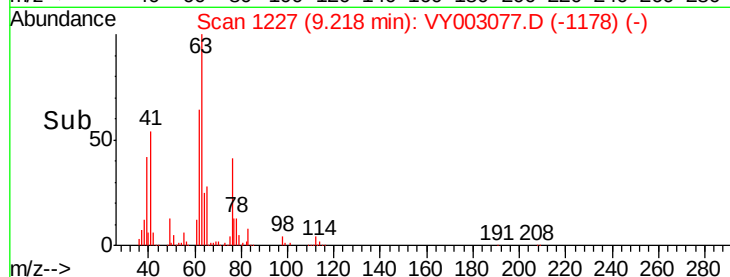
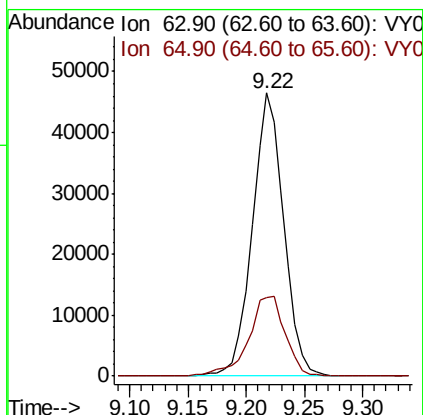
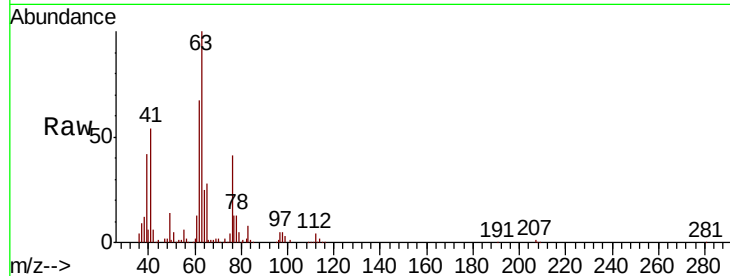




#45
 1,2-Dichloropropane
 Concen: 20.576 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

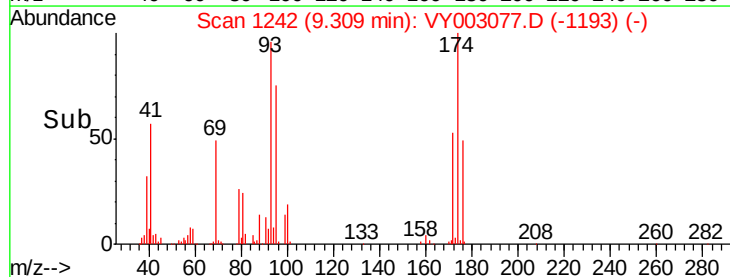
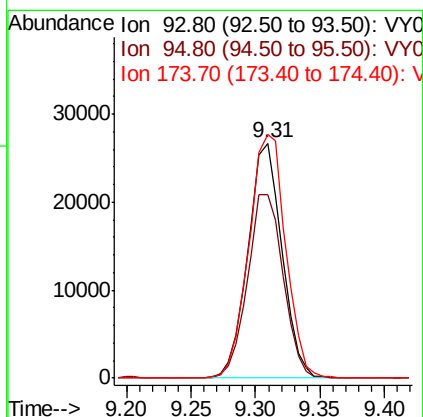
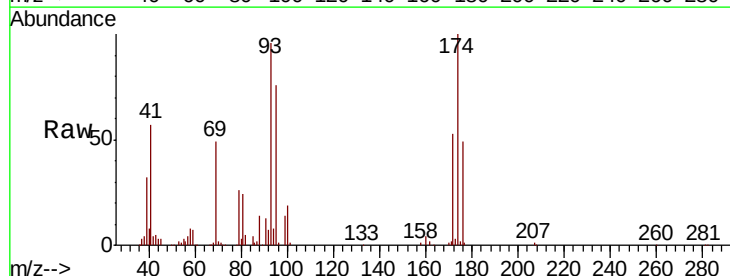
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

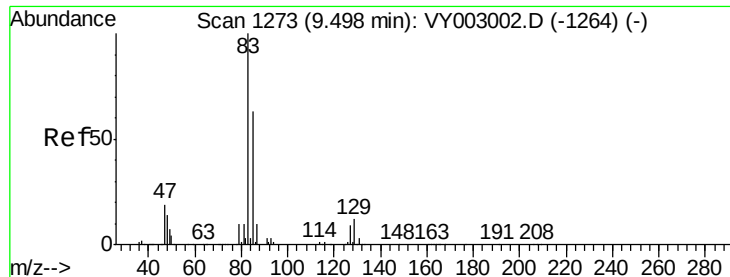
Tot Ion: 63 Resp: 87435
 Ion Ratio Lower Upper
 63 100
 65 27.7 26.2 39.4



#46
 Dibromomethane
 Concen: 20.459 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion: 93 Resp: 48555
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.6 101.4
 174 112.5 88.3 132.5





#47

Bromodichloromethane

Concen: 20.473 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

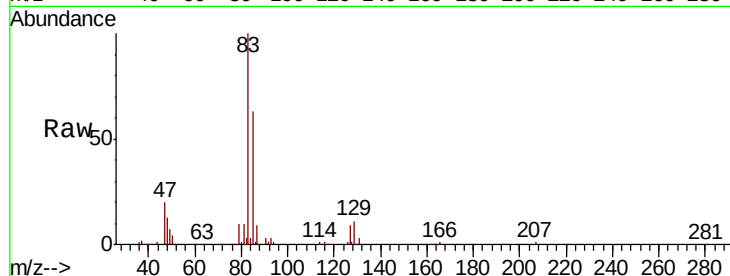
Tot Ion: 83 Resp: 118975

Ion Ratio Lower Upper

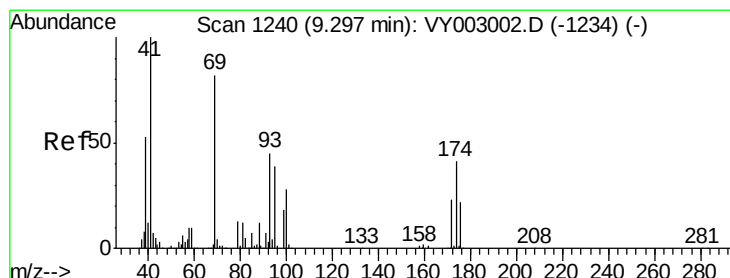
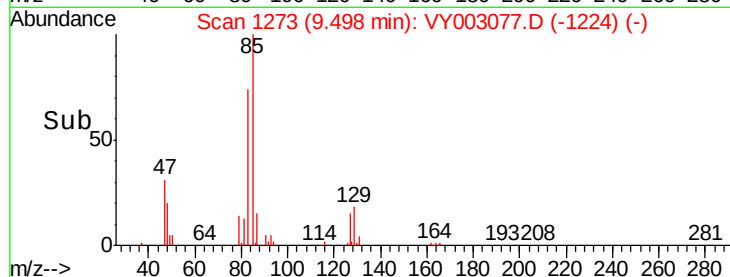
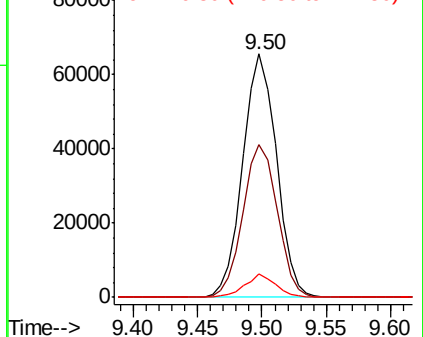
83 100

85 62.6 50.5 75.7

127 9.5 7.0 10.4



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



#48

Methyl methacrylate

Concen: 18.921 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

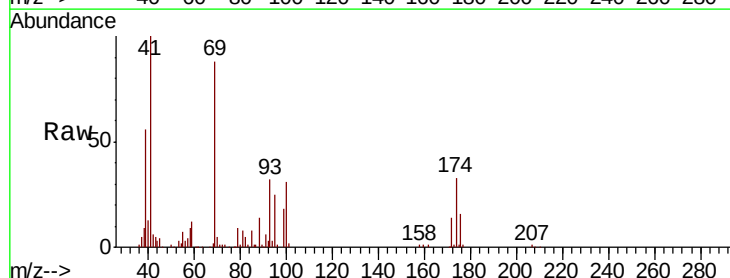
Tgt Ion: 41 Resp: 56792

Ion Ratio Lower Upper

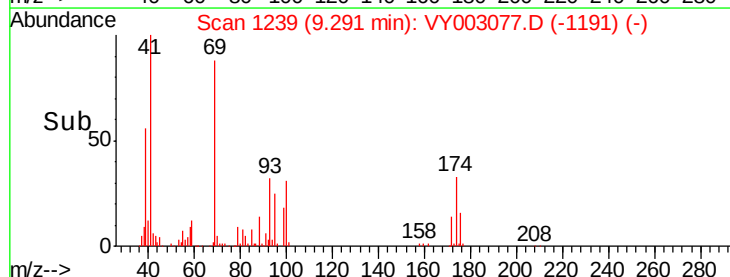
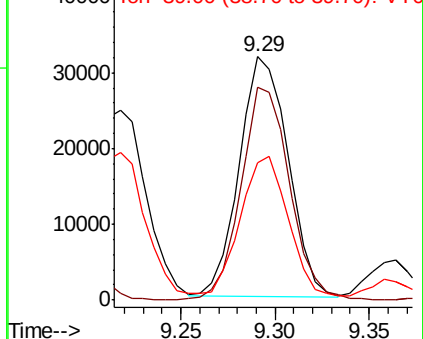
41 100

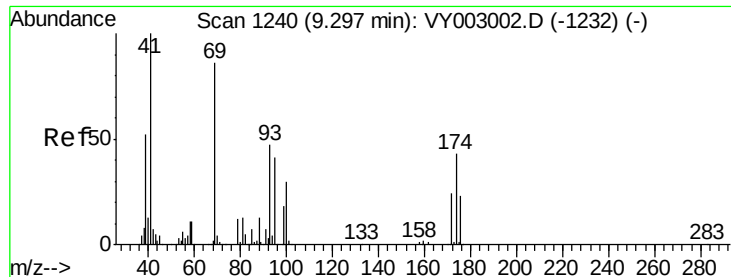
69 89.1 67.7 101.5

39 60.9 45.0 67.4



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





#49

1,4-Dioxane

Concen: 456.008 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

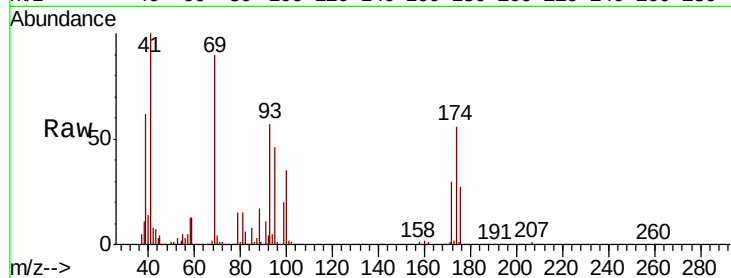
Tot Ion: 88 Resp: 13211

Ion Ratio Lower Upper

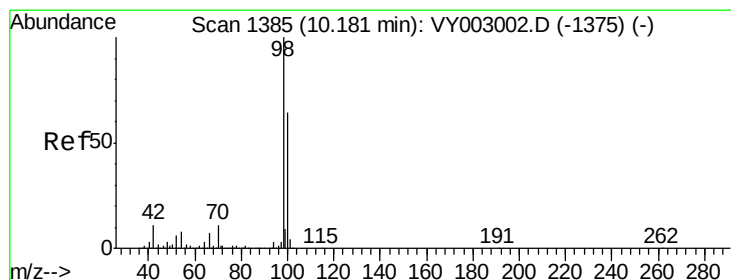
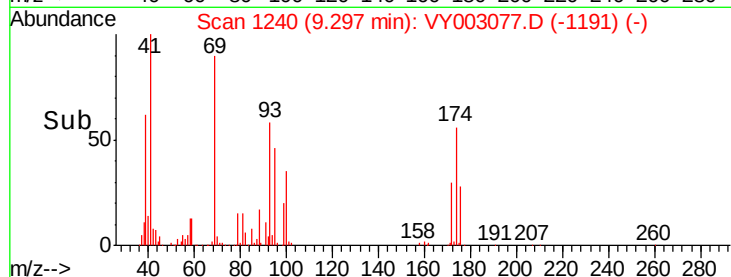
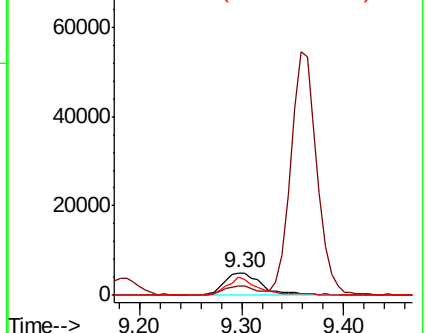
88 100

43 32.0 28.6 42.8

58 67.7 56.7 85.1



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



#50

Toluene-d8

Concen: 50.076 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003077.D

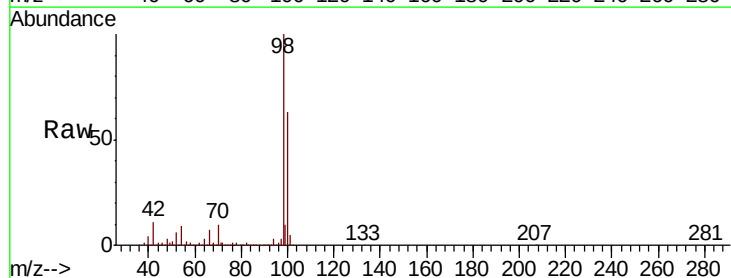
Acq: 02 Jul 2020 11:46

Tgt Ion: 98 Resp: 697019

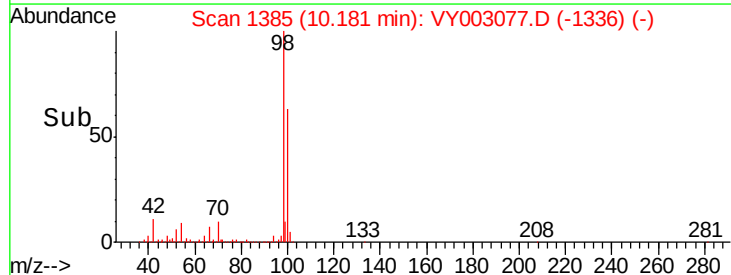
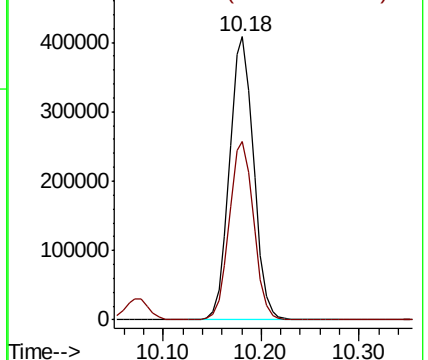
Ion Ratio Lower Upper

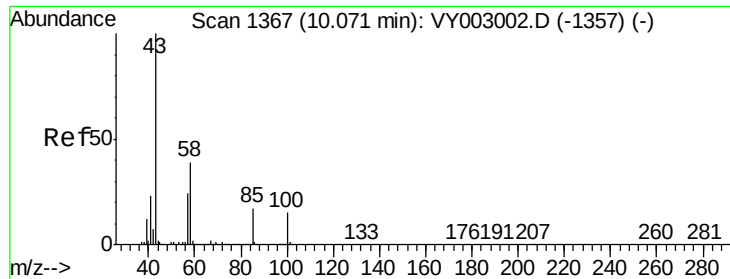
98 100

100 63.8 51.1 76.7



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

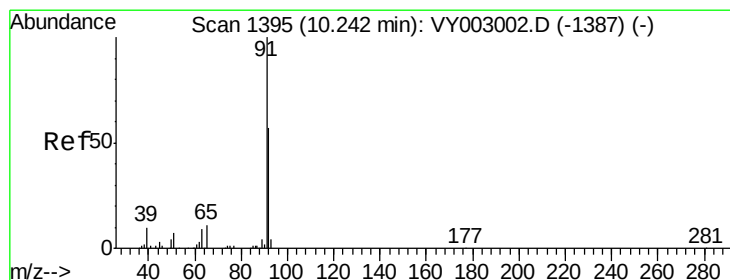
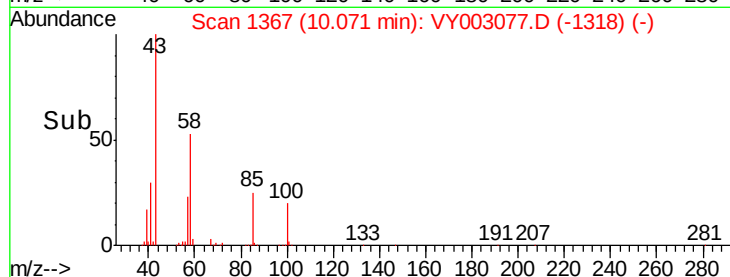
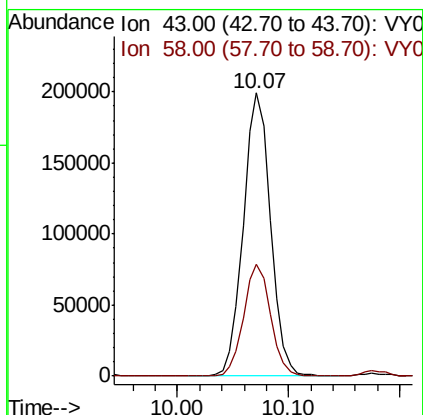
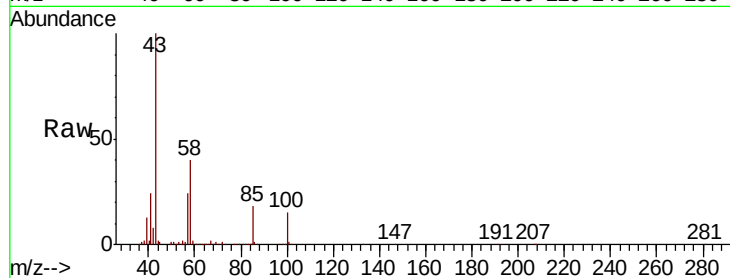




#51
4-Methyl-2-Pentanone
Concen: 98.981 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

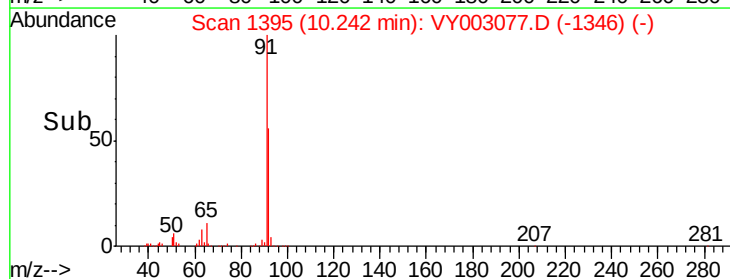
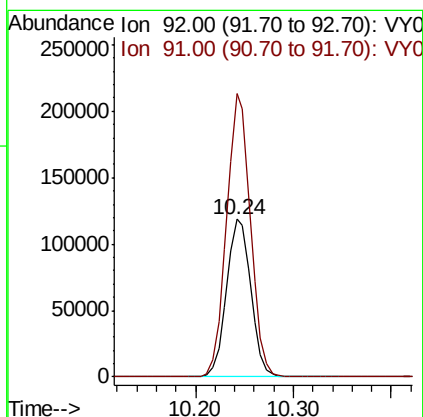
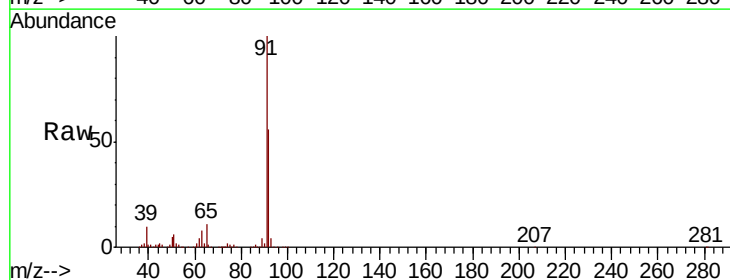
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

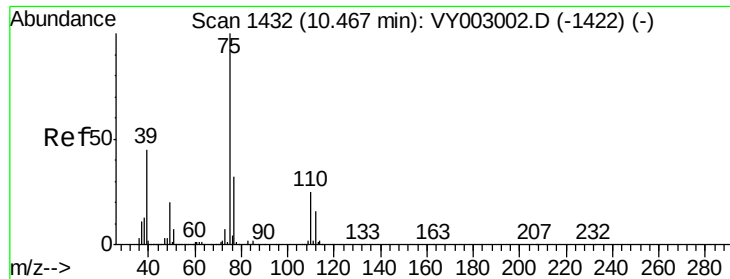
Tot Ion: 43 Resp: 337355
Ion Ratio Lower Upper
43 100
58 39.3 31.1 46.7



#52
Toluene
Concen: 20.605 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 92 Resp: 204870
Ion Ratio Lower Upper
92 100
91 175.8 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.197 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

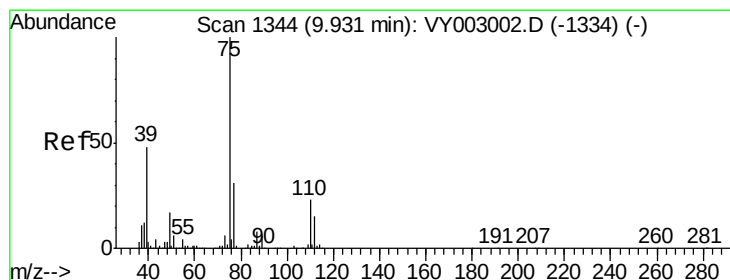
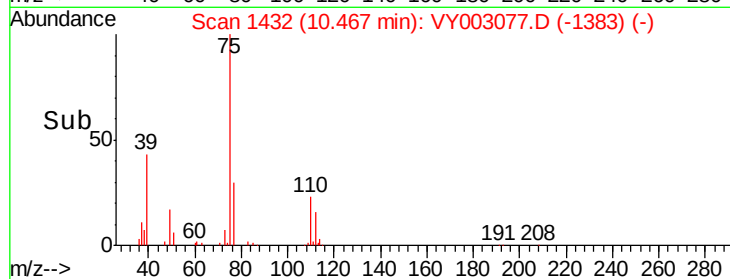
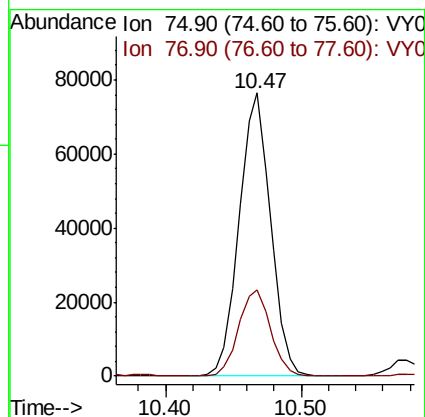
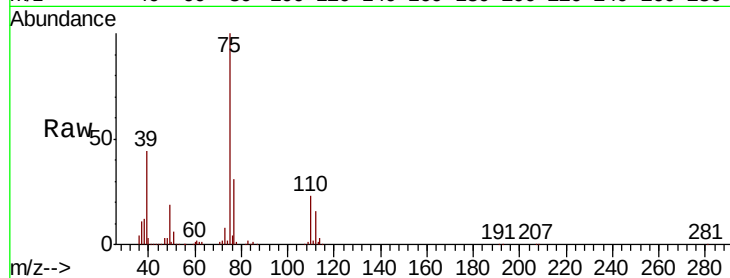
VY0702SBS01

Tot Ion: 75 Resp: 123057

Ion Ratio Lower Upper

75 100

77 30.5 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.299 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

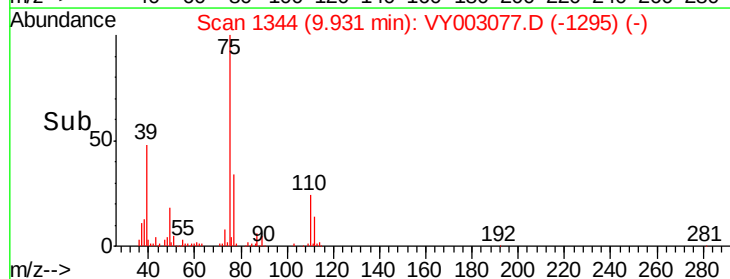
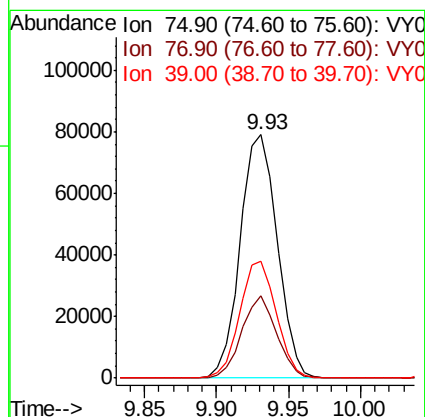
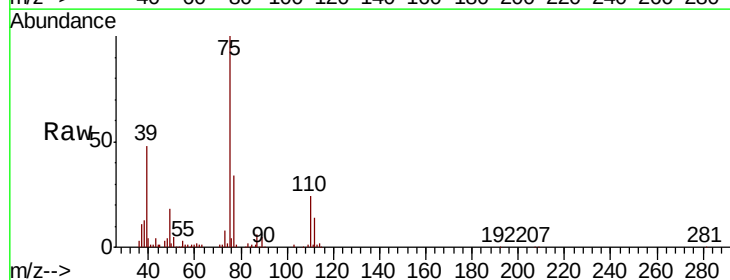
Tgt Ion: 75 Resp: 141443

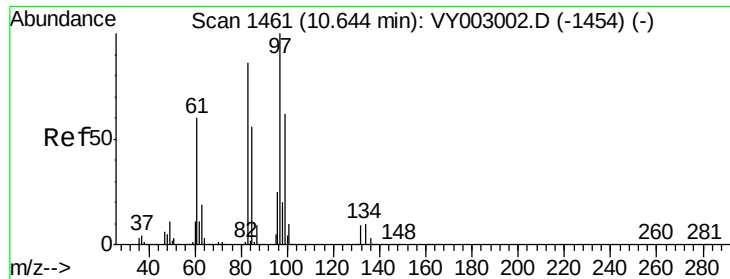
Ion Ratio Lower Upper

75 100

77 34.0 24.6 37.0

39 48.0 38.3 57.5

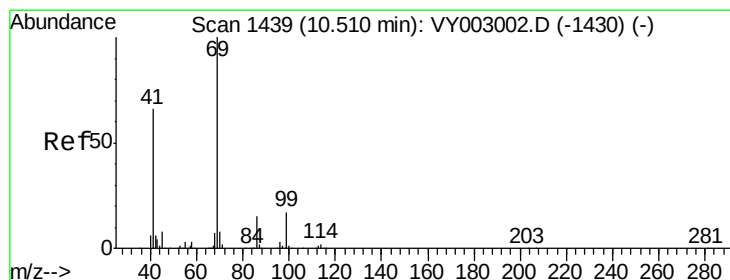
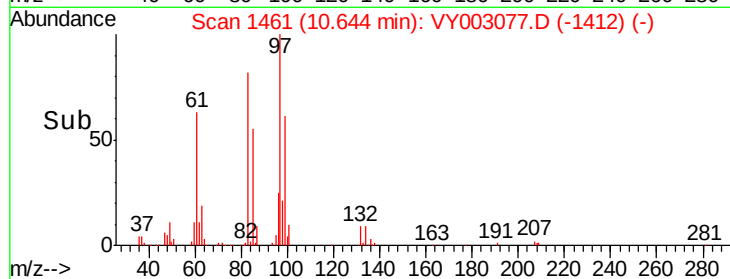
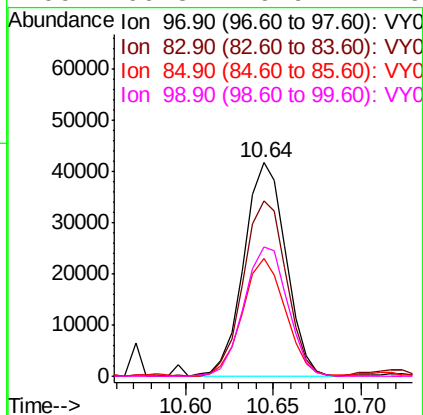
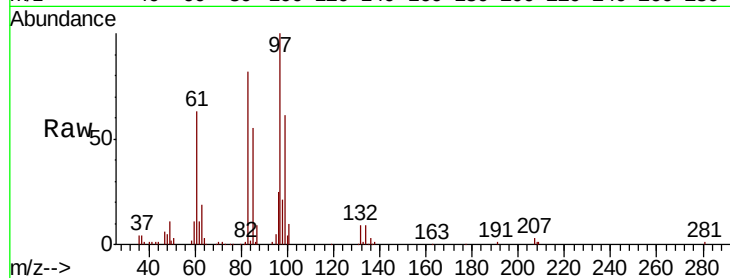




#55
 1,1,2-Trichloroethane
 Concen: 21.194 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

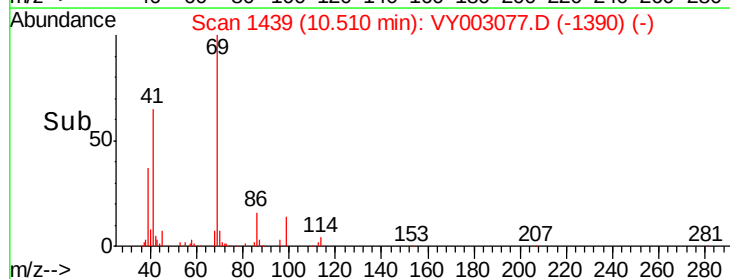
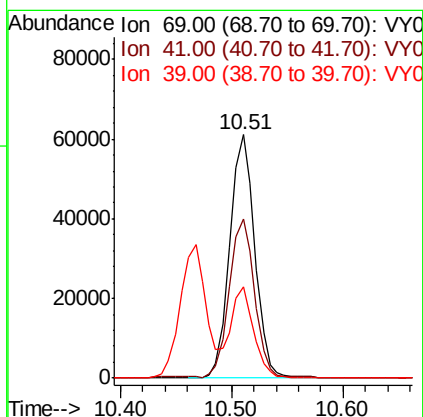
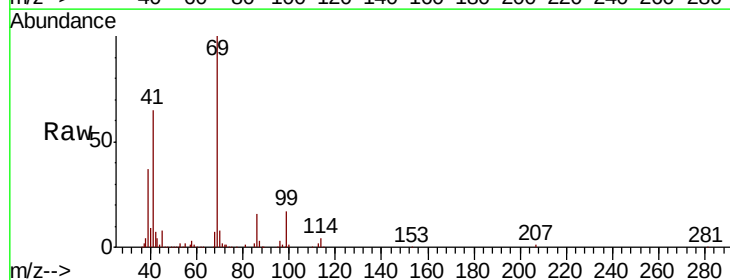
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

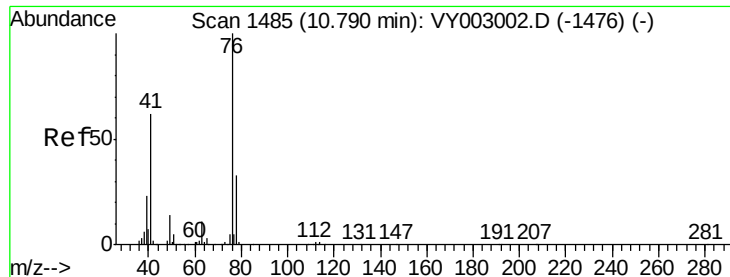
Tot Ion:	97	Resp:	69898
Ion	Ratio	Lower	Upper
97	100		
83	82.1	69.0	103.6
85	54.9	44.8	67.2
99	60.3	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.896 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion:	69	Resp:	94980
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.7	80.5
39	35.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.454 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

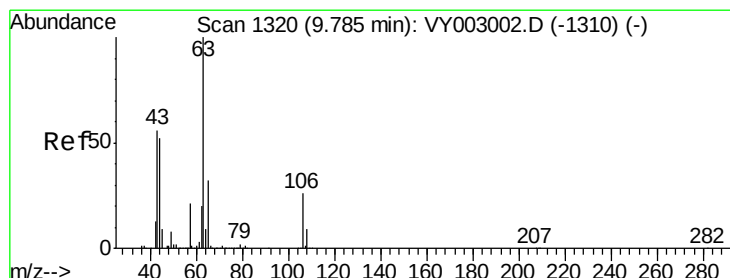
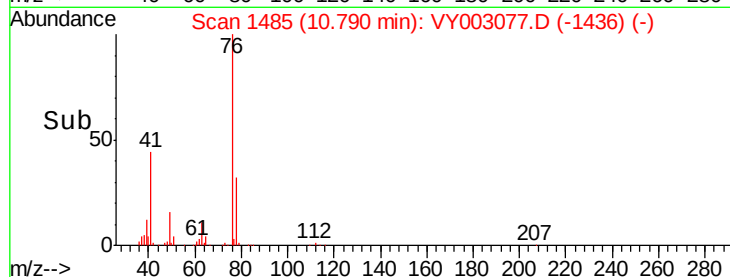
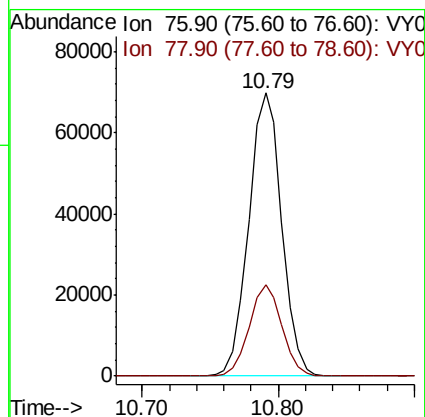
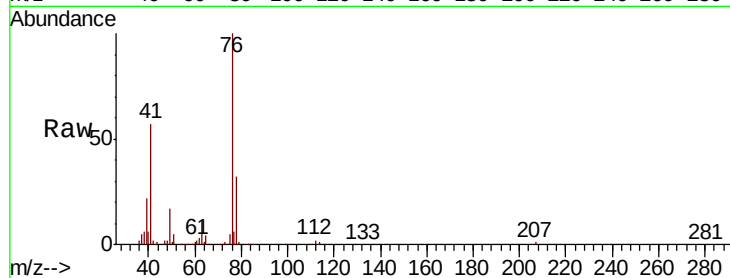
VY0702SBS01

Tot Ion: 76 Resp: 118417

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.162 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003077.D

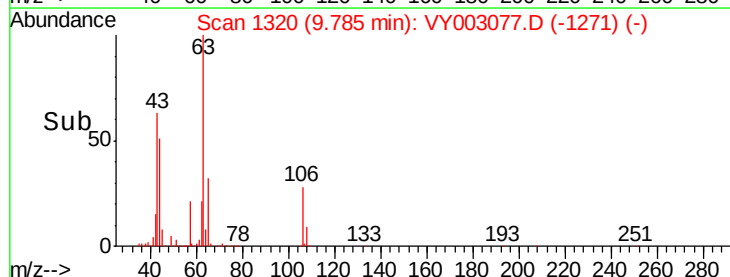
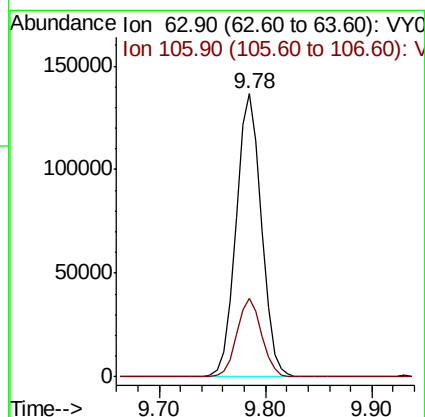
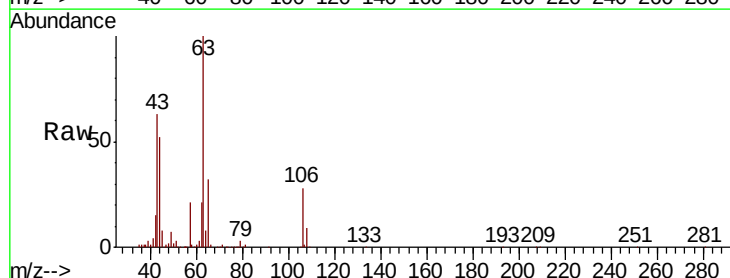
Acq: 02 Jul 2020 11:46

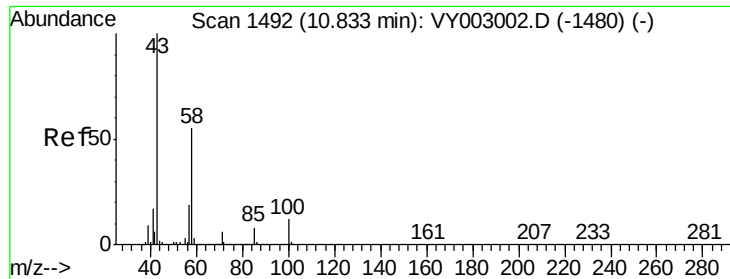
Tgt Ion: 63 Resp: 228100

Ion Ratio Lower Upper

63 100

106 27.2 21.5 32.3

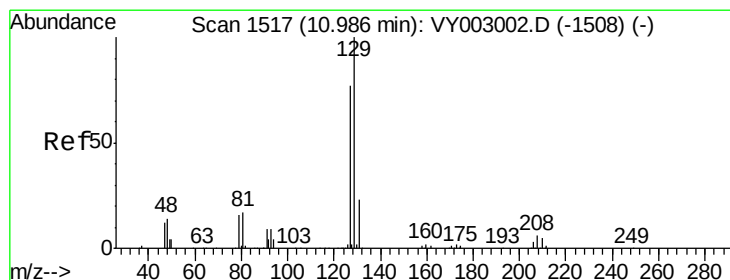
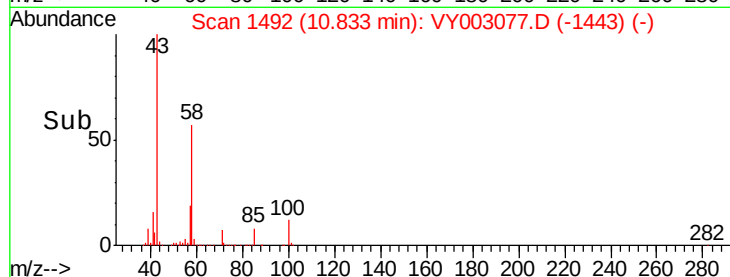
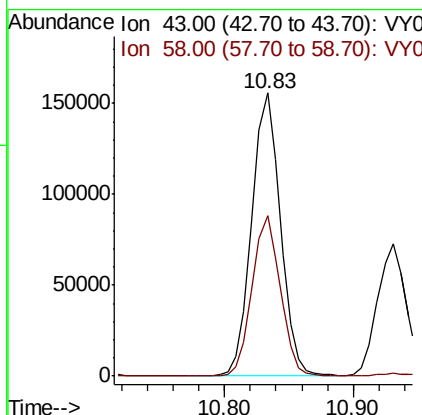
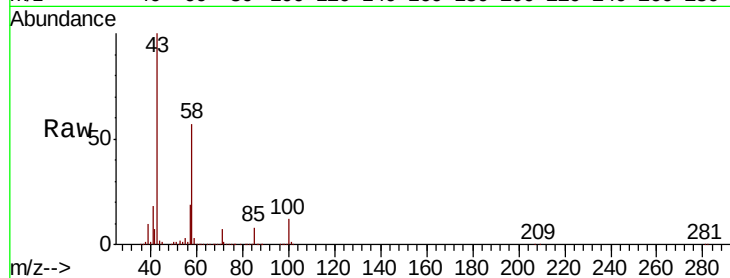




#59
2-Hexanone
Concen: 100.438 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

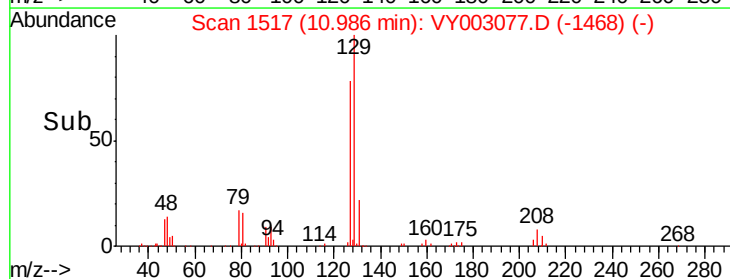
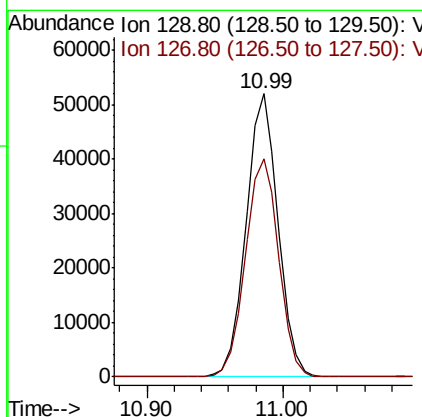
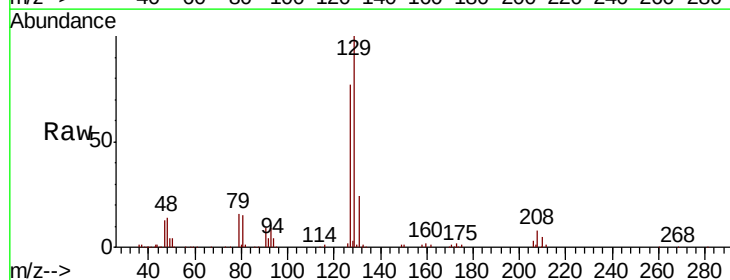
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

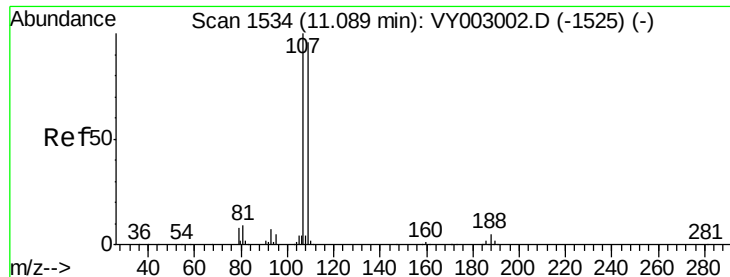
Tot Ion: 43 Resp: 239271
Ion Ratio Lower Upper
43 100
58 55.6 27.5 82.4



#60
Dibromochloromethane
Concen: 20.242 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 129 Resp: 85430
Ion Ratio Lower Upper
129 100
127 80.1 39.1 117.3

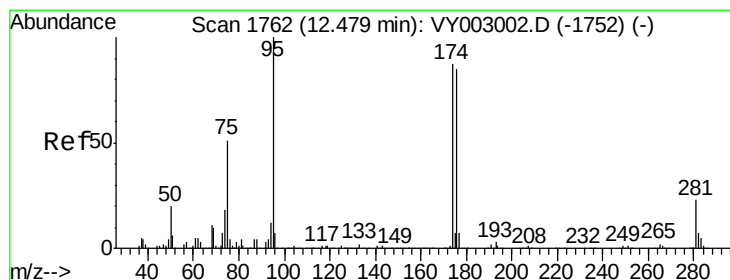
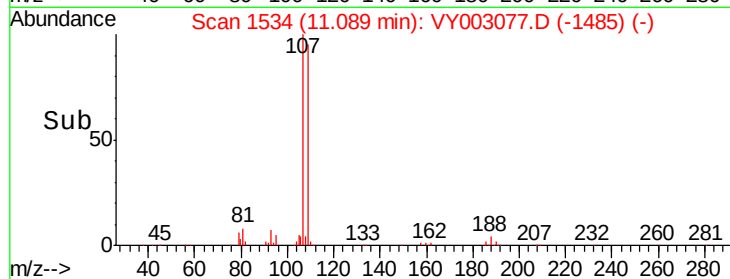
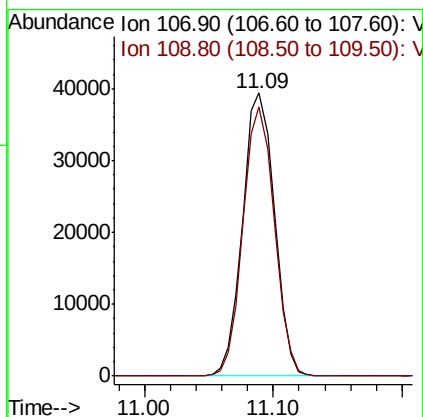
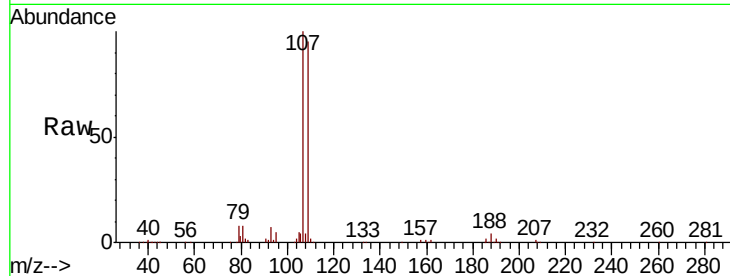




#61
 1,2-Dibromoethane
 Concen: 20.763 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

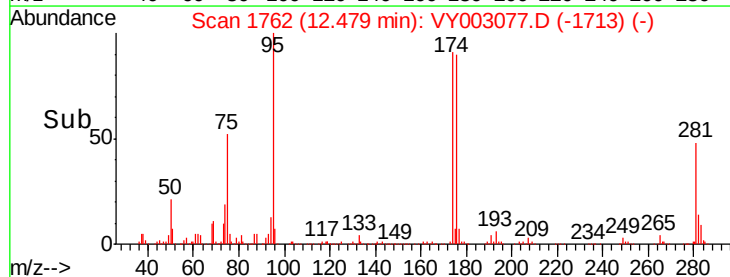
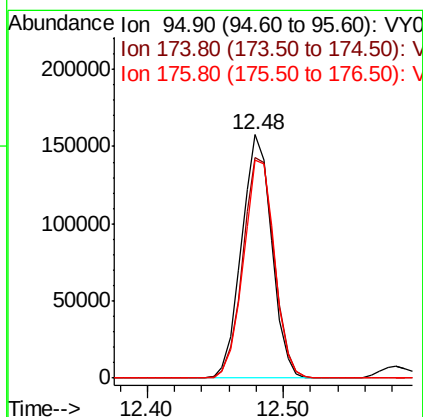
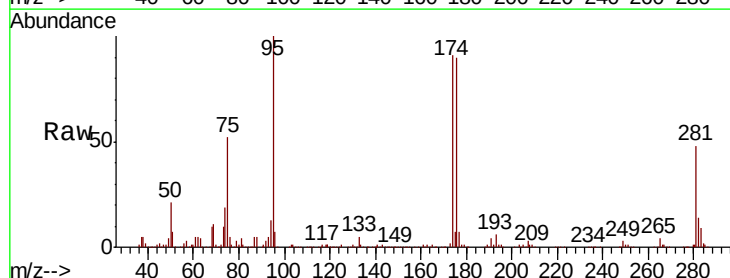
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

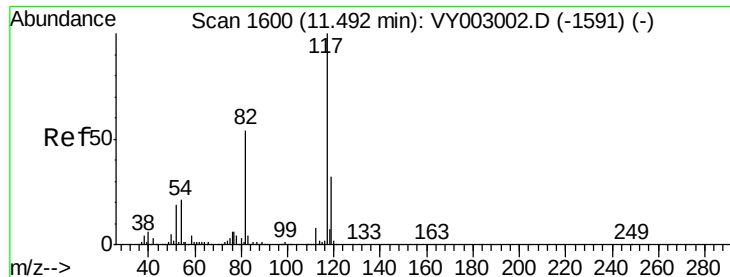
Tot Ion:107 Resp: 67506
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.021 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion: 95 Resp: 245081
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 184.8
 176 91.8 0.0 183.0

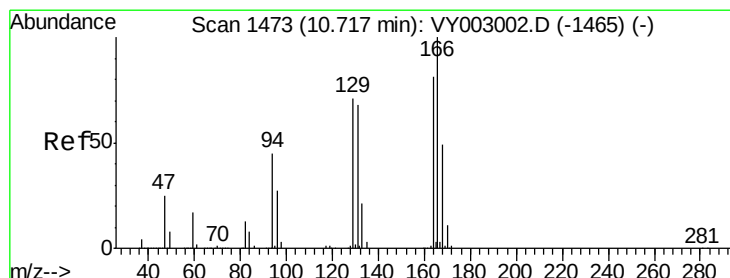
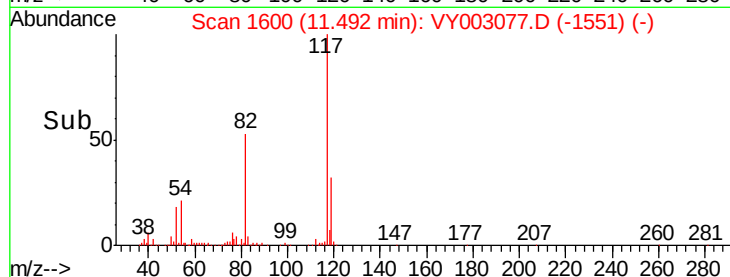
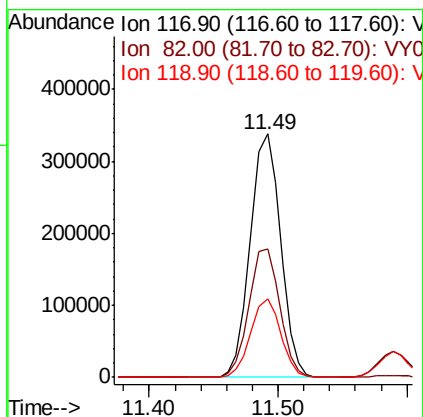
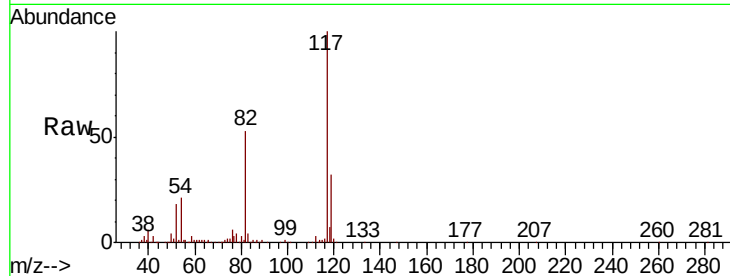




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

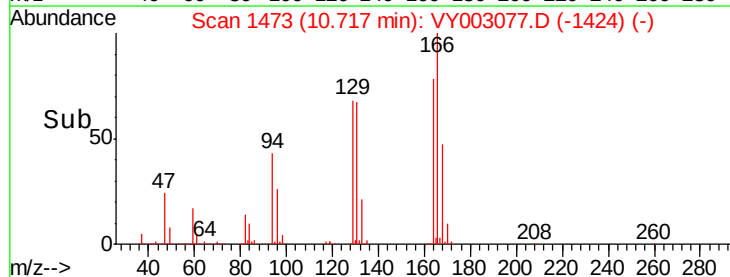
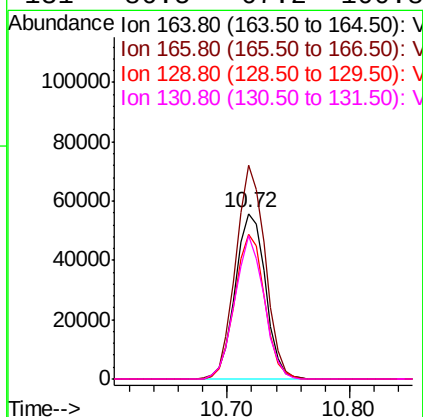
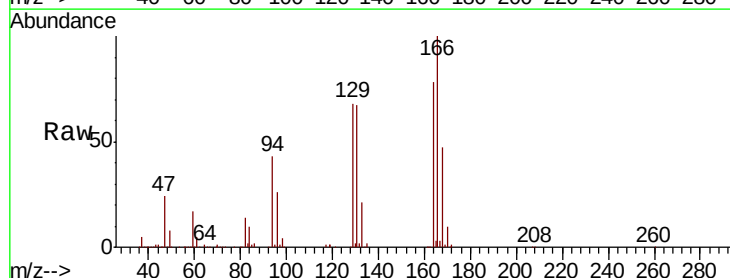
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

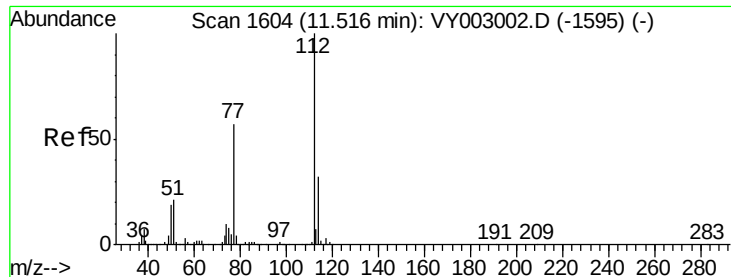
Tot Ion:117 Resp: 550627
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.6
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 20.445 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion:164 Resp: 95278
Ion Ratio Lower Upper
164 100
166 128.9 98.5 147.7
129 87.3 69.7 104.5
131 86.5 67.2 100.8

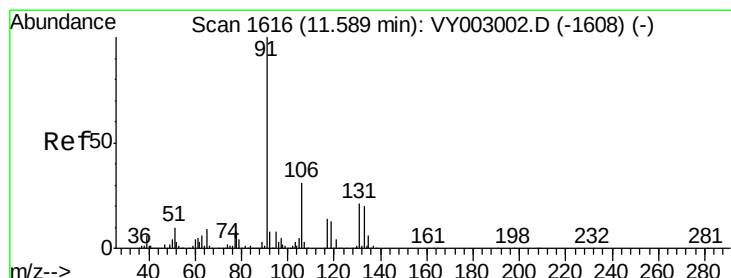
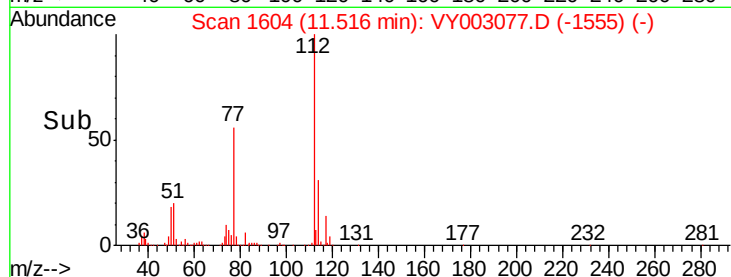
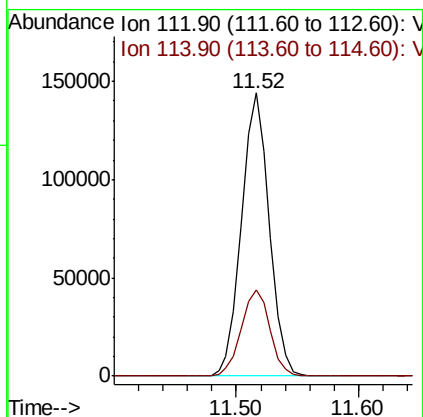
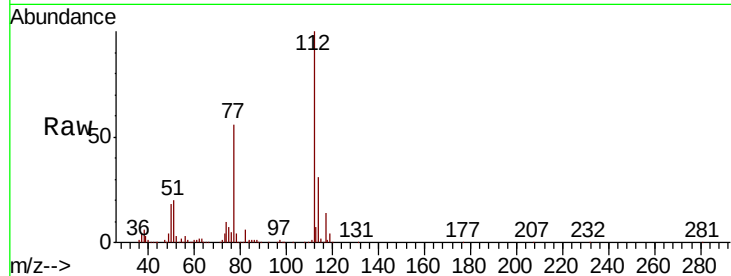




#65
Chlorobenzene
Concen: 20.838 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

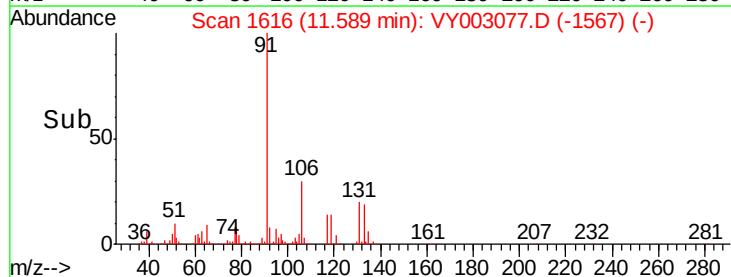
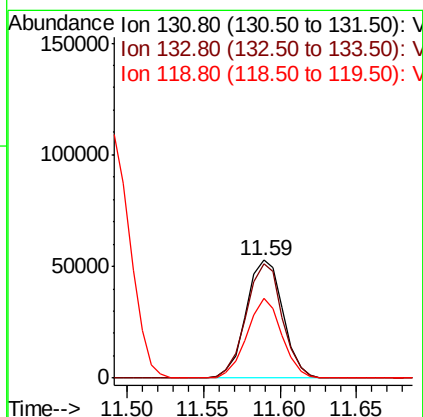
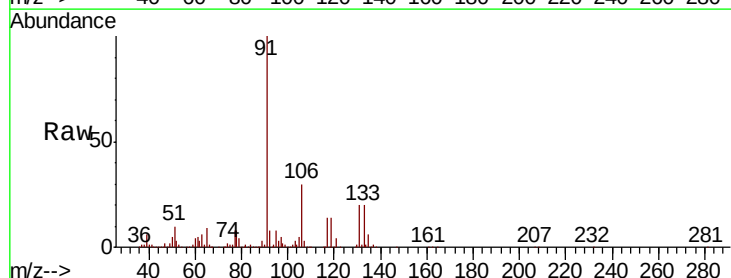
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

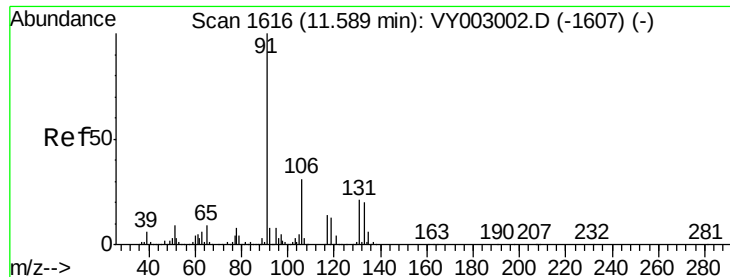
Tot Ion:112 Resp: 226248
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.917 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion:131 Resp: 88664
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.8
119 63.8 31.8 95.3

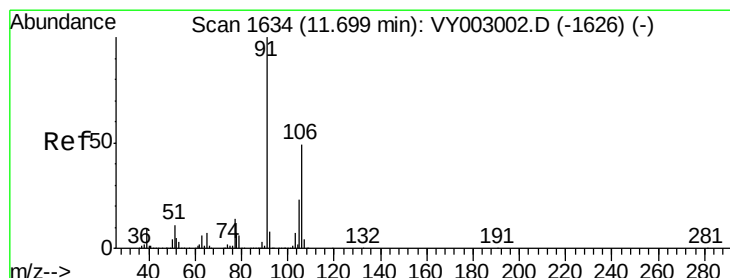
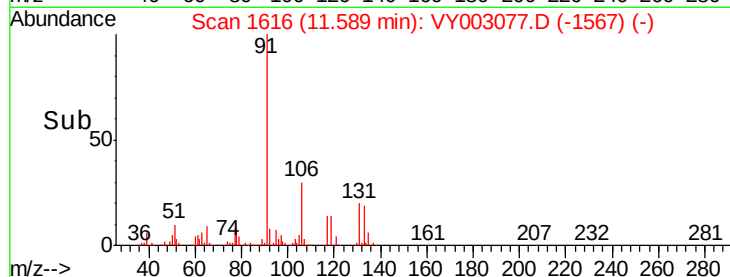
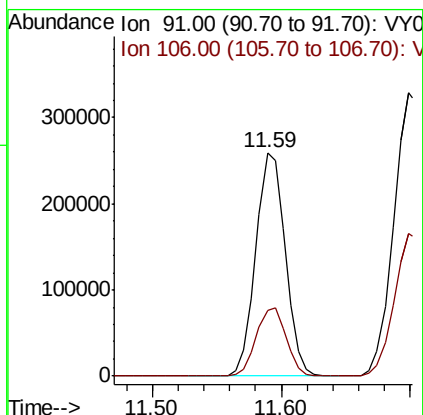
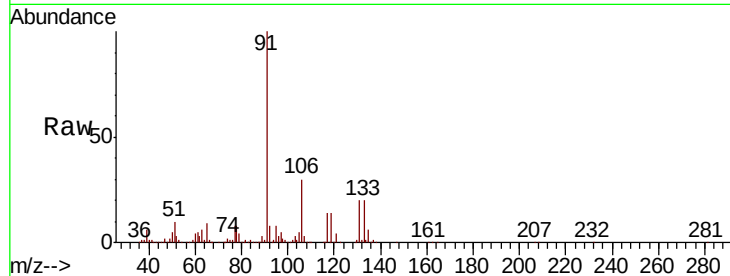




#67
Ethyl Benzene
Concen: 20.640 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

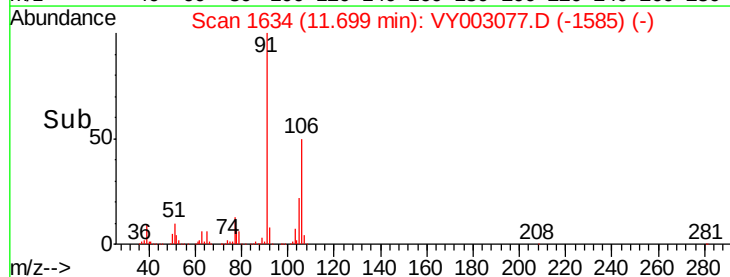
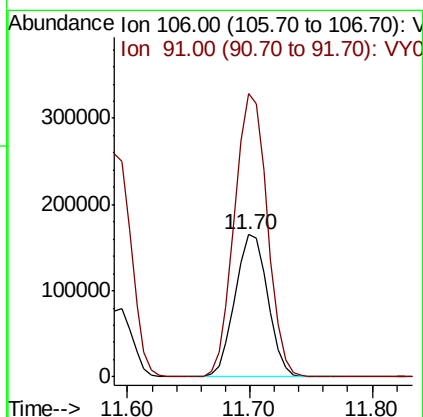
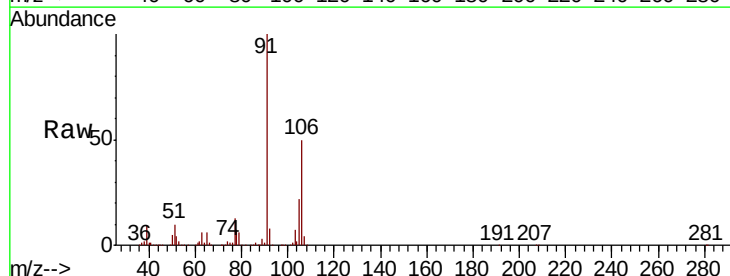
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

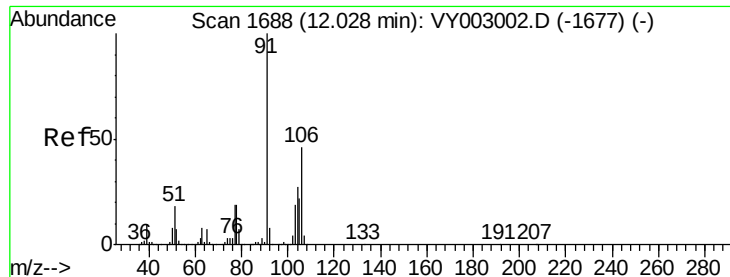
Tot Ion: 91 Resp: 409967
Ion Ratio Lower Upper
91 100
106 29.6 25.0 37.4



#68
m/p-Xylenes
Concen: 41.546 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion: 106 Resp: 307127
Ion Ratio Lower Upper
106 100
91 199.7 161.9 242.9

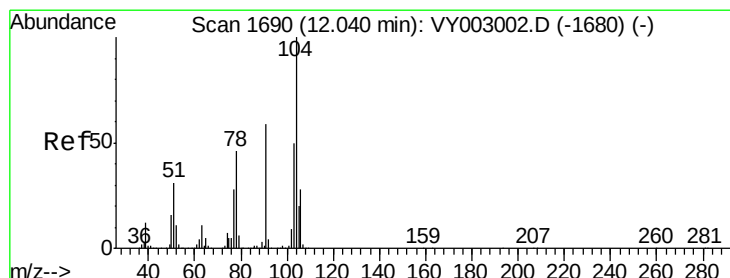
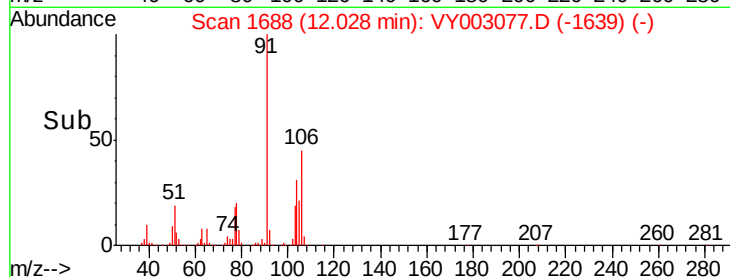
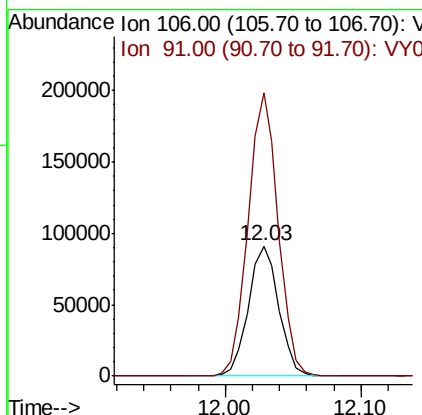
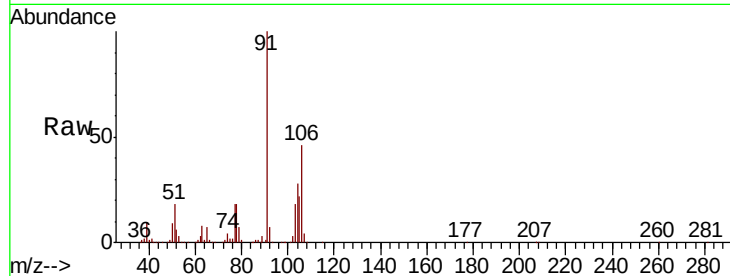




#69
o-Xylene
Concen: 20.454 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

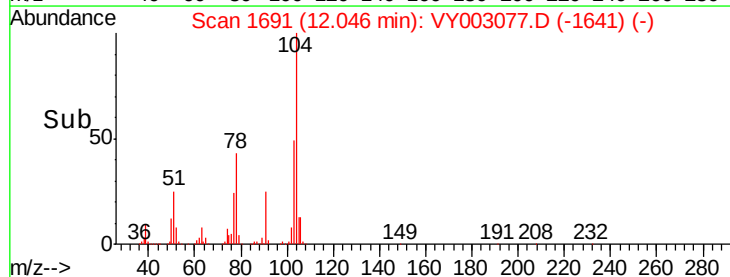
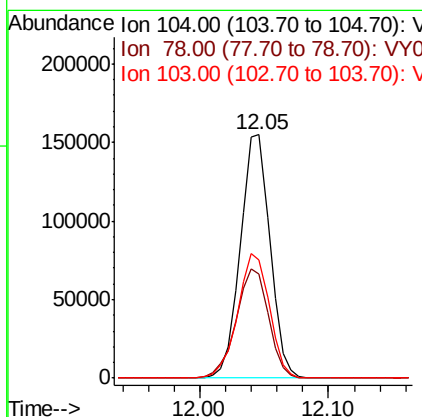
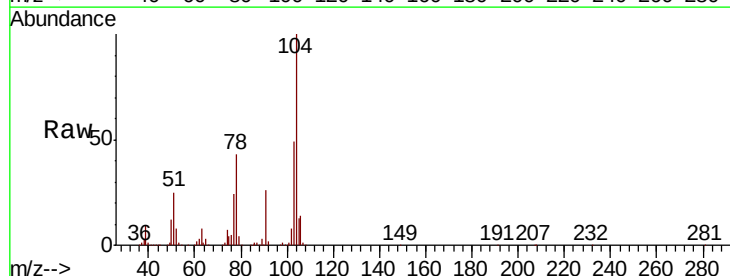
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

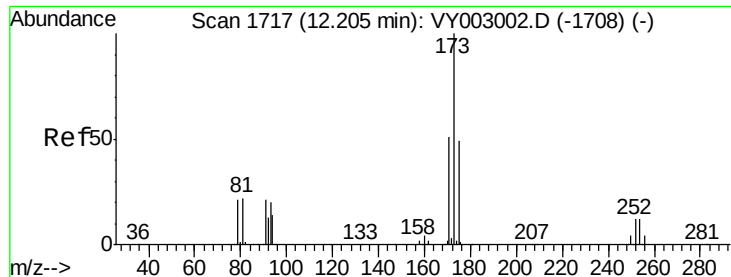
Tot Ion:106 Resp: 142485
Ion Ratio Lower Upper
106 100
91 214.9 107.9 323.8



#70
Styrene
Concen: 20.712 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003077.D
Acq: 02 Jul 2020 11:46

Tgt Ion:104 Resp: 246489
Ion Ratio Lower Upper
104 100
78 49.3 40.4 60.6
103 55.0 44.1 66.1





#71

Bromoform

Concen: 20.753 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

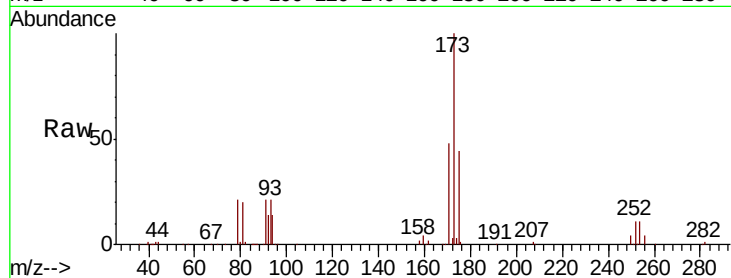
Tot Ion:173 Resp: 58658

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.6

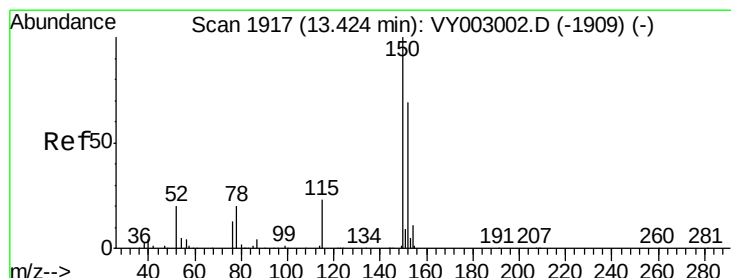
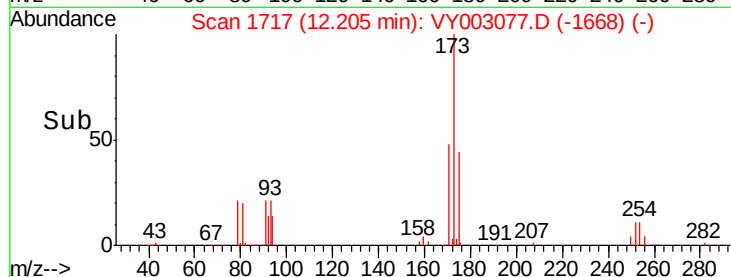
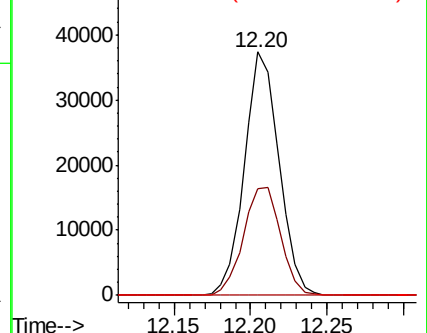
254 0.0 0.2 0.2#



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

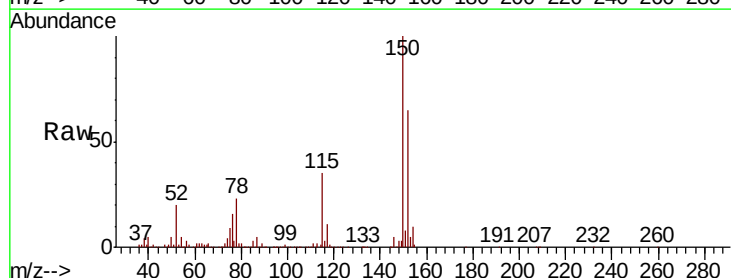
Tgt Ion:152 Resp: 295027

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.9

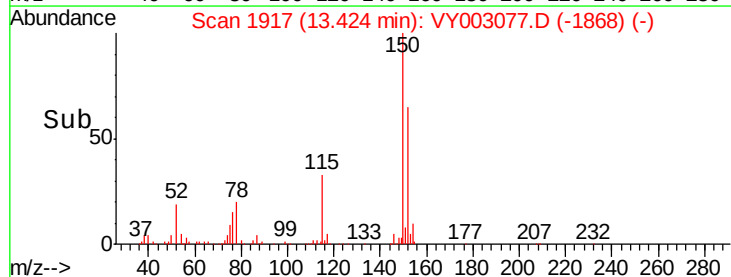
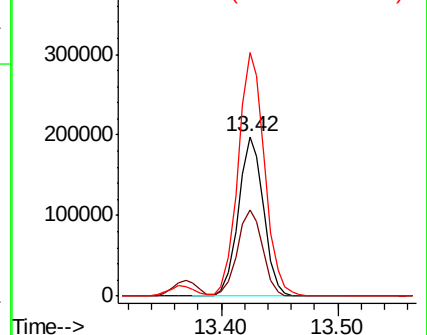
150 161.3 0.0 343.4

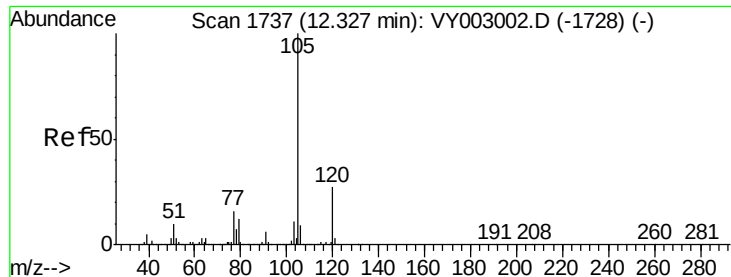


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.341 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

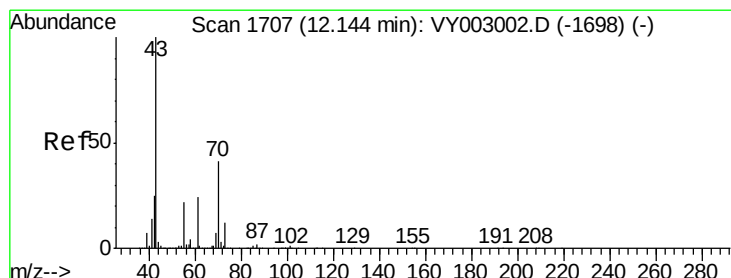
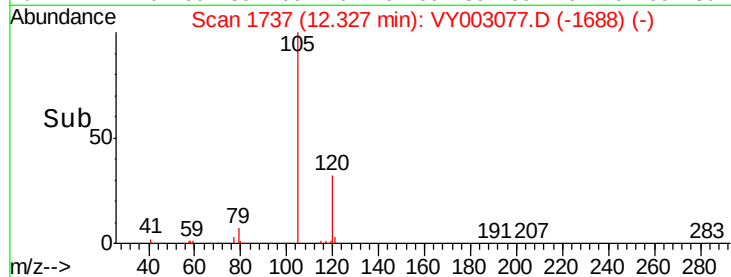
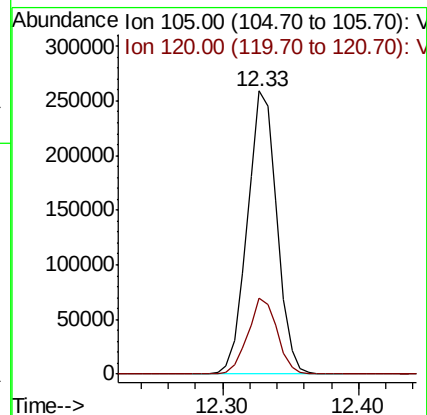
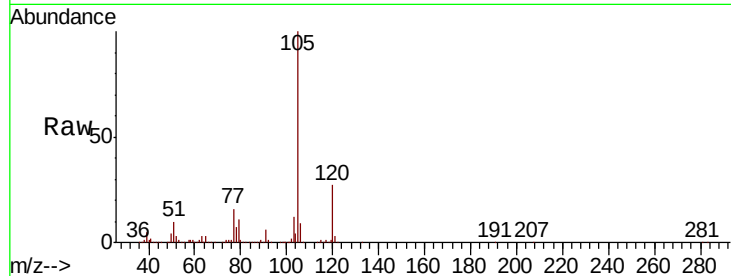
VY0702SBS01

Tot Ion: 105 Resp: 392742

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 19.121 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Tgt Ion: 43 Resp: 120190

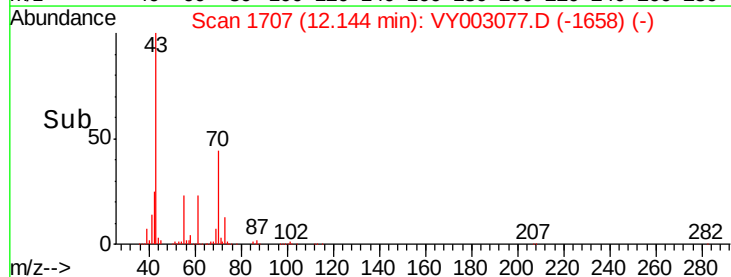
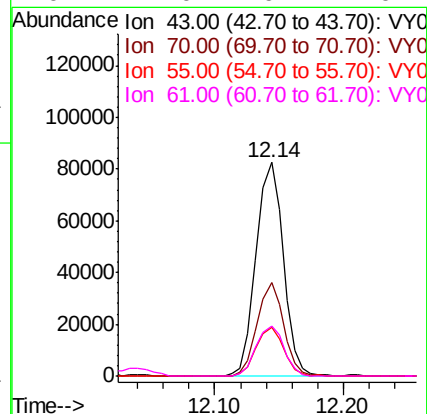
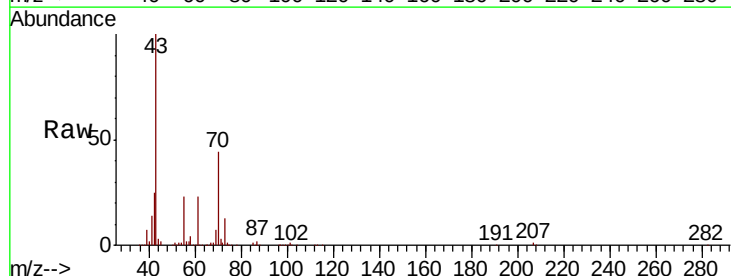
Ion Ratio Lower Upper

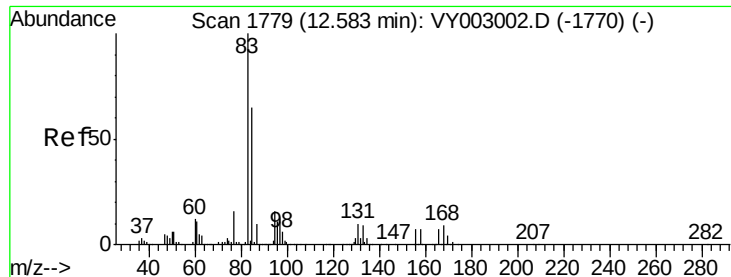
43 100

70 42.4 33.0 49.4

55 23.1 18.2 27.2

61 24.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.594 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

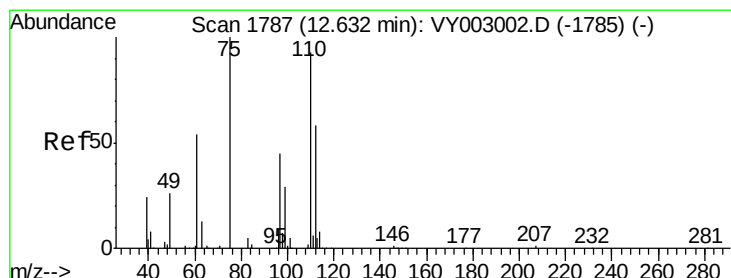
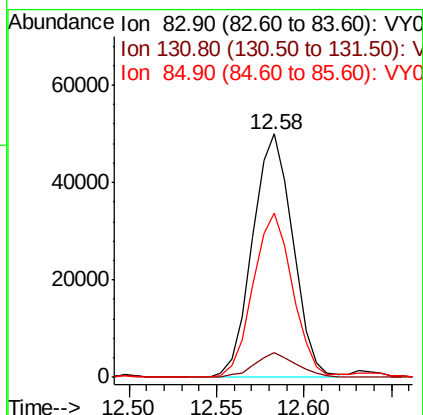
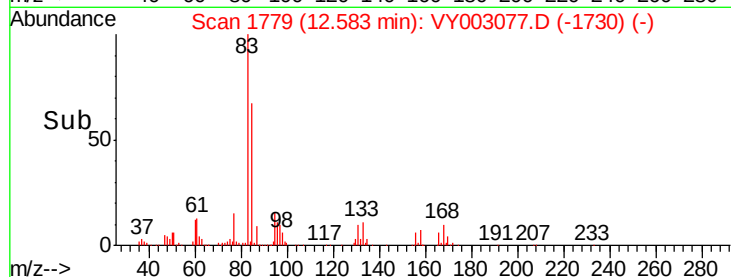
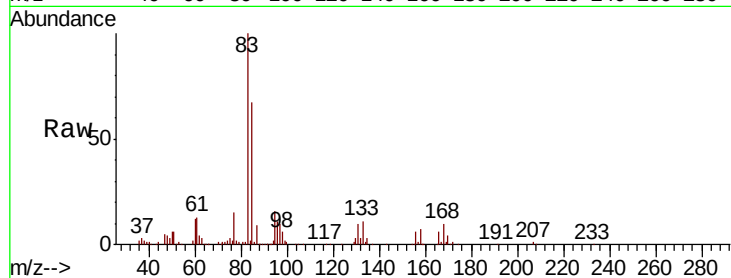
Tot Ion: 83 Resp: 80243

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

85 66.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 37.354 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003077.D

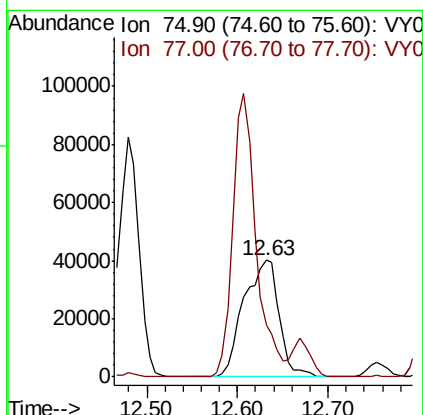
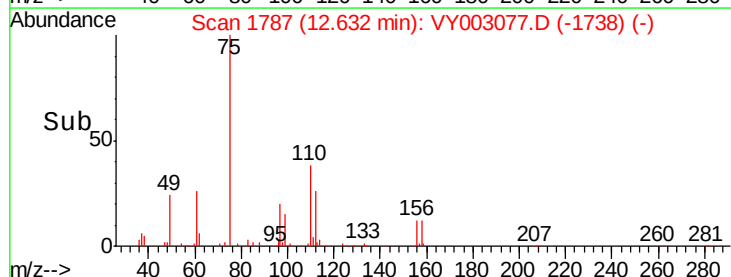
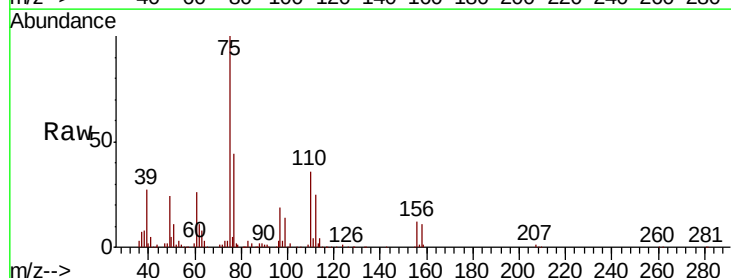
Acq: 02 Jul 2020 11:46

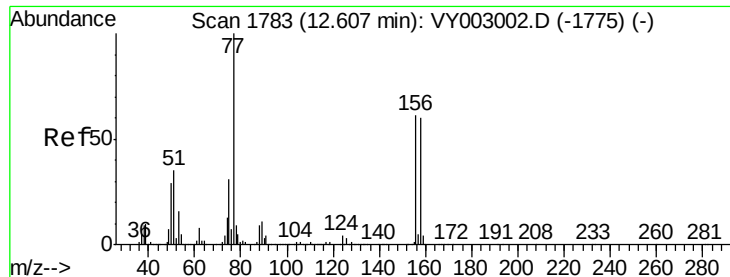
Tgt Ion: 75 Resp: 109070

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.181 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

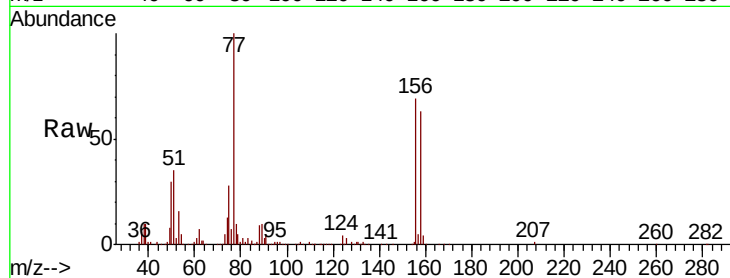
Tot Ion:156 Resp: 99906

Ion Ratio Lower Upper

156 100

77 176.0 90.0 270.0

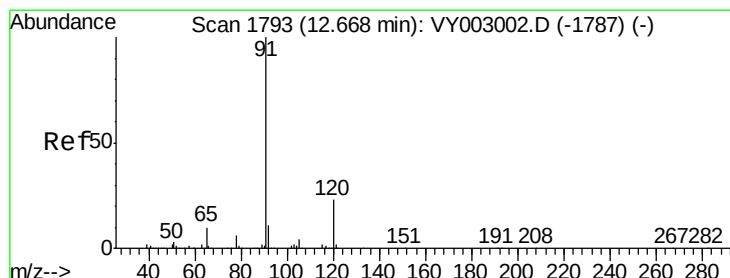
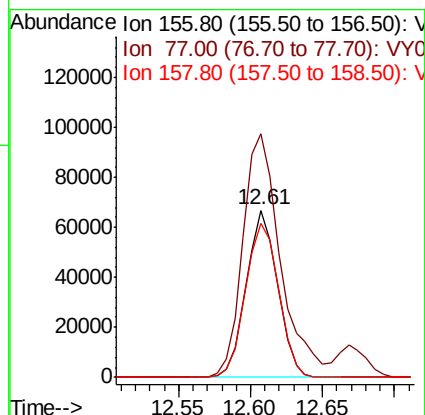
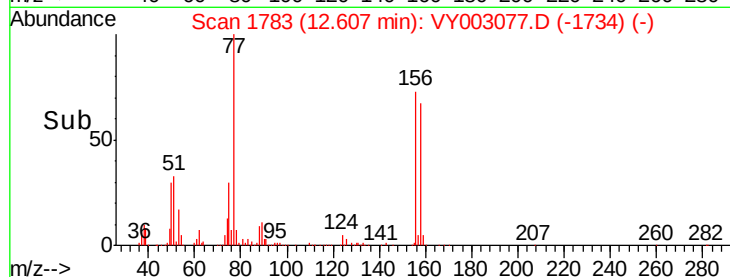
158 98.2 48.5 145.5



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: 20.310 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003077.D

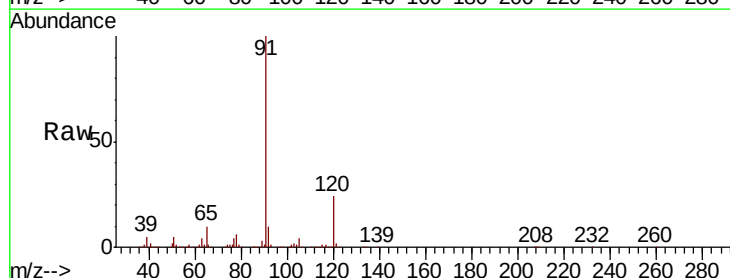
Acq: 02 Jul 2020 11:46

Tgt Ion: 91 Resp: 471607

Ion Ratio Lower Upper

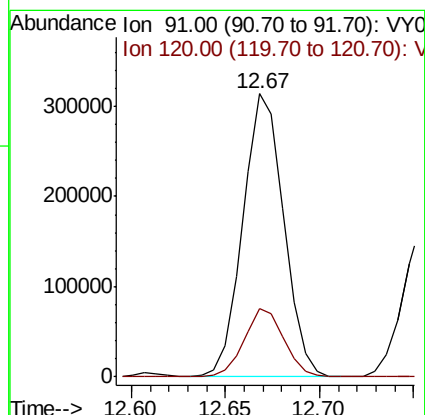
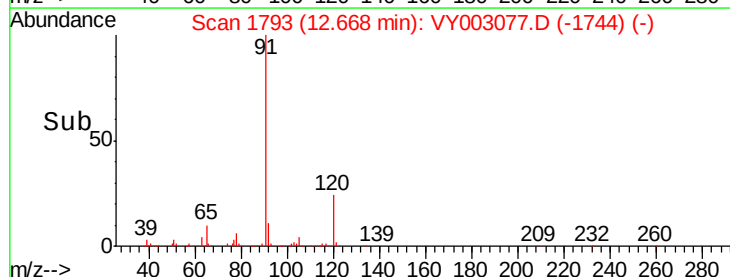
91 100

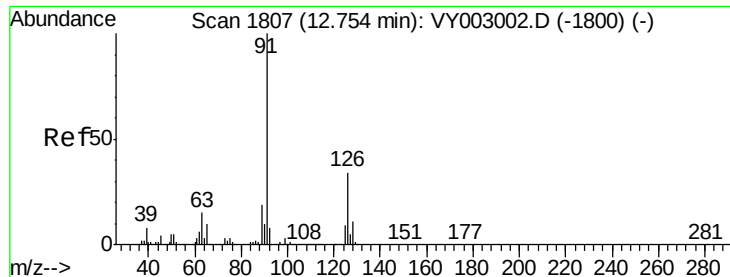
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.226 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

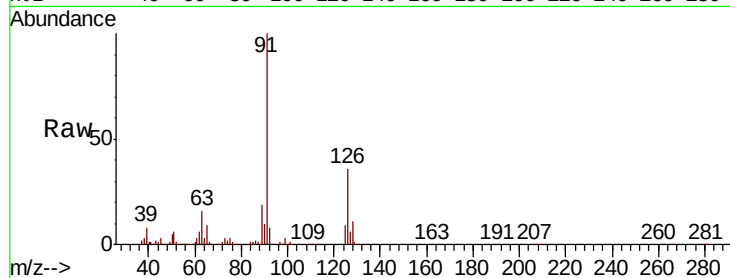
VY0702SBS01

Tot Ion: 91 Resp: 262153

Ion Ratio Lower Upper

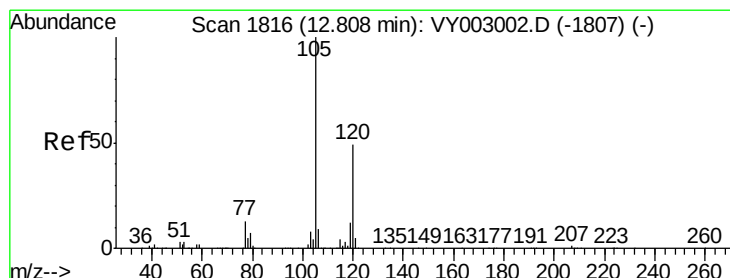
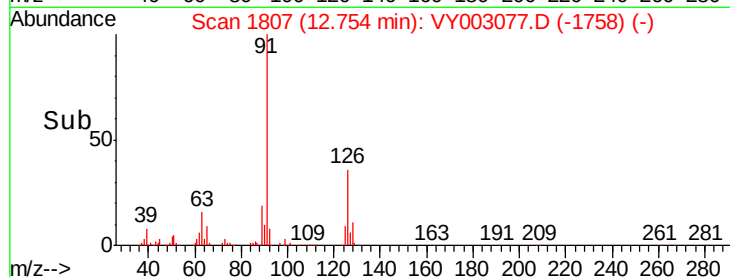
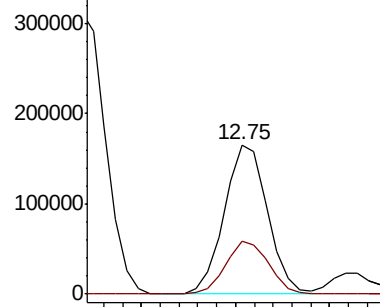
91 100

126 35.4 17.1 51.3



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: 20.393 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003077.D

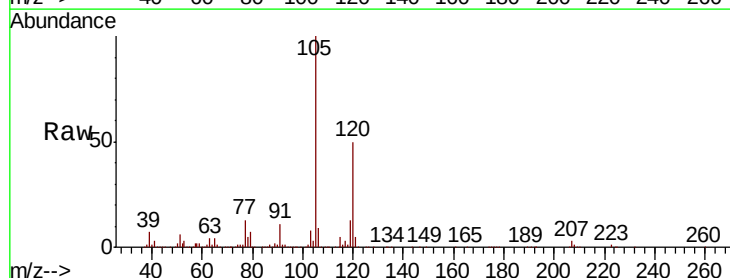
Acq: 02 Jul 2020 11:46

Tgt Ion: 105 Resp: 330420

Ion Ratio Lower Upper

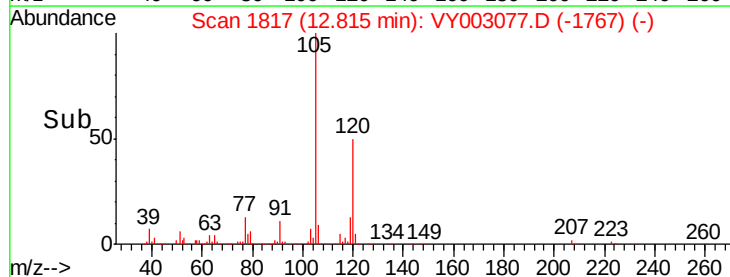
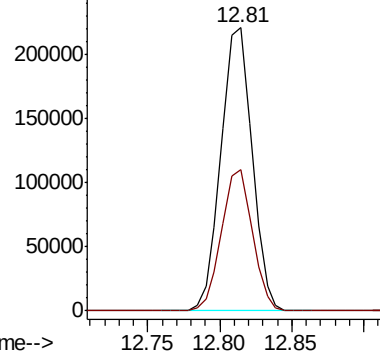
105 100

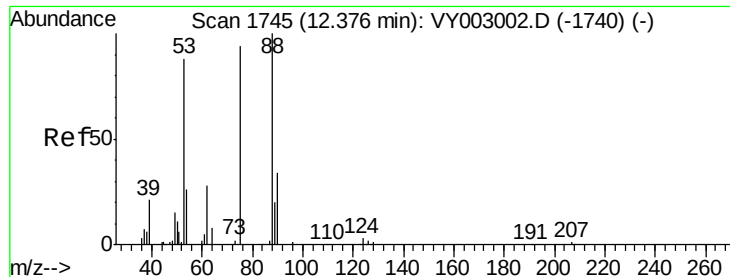
120 49.6 24.6 73.6



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: 19.757 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

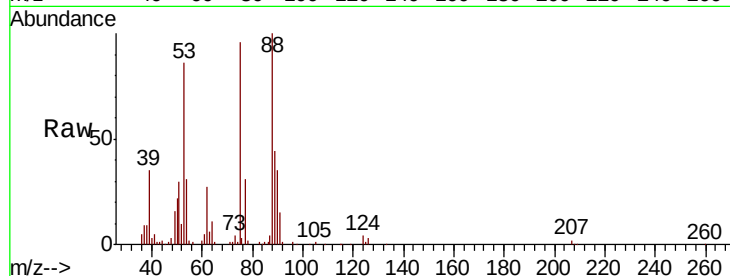
Tot Ion: 75 Resp: 29650

Ion Ratio Lower Upper

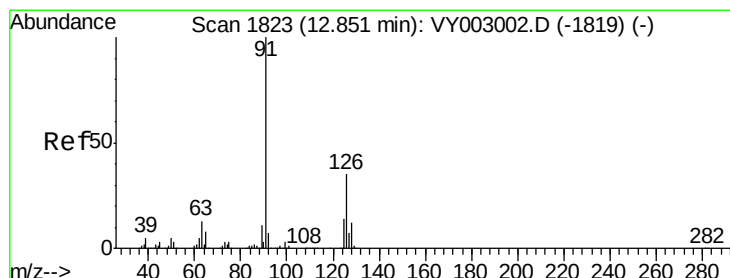
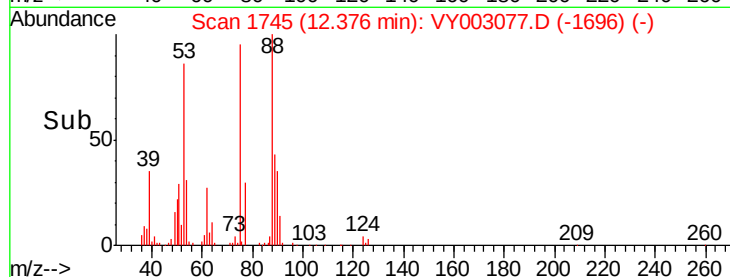
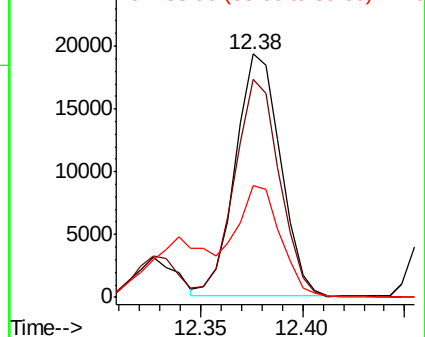
75 100

53 88.4 73.9 110.9

89 46.1 37.5 56.3



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



#82

4-Chlorotoluene

Concen: 20.305 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003077.D

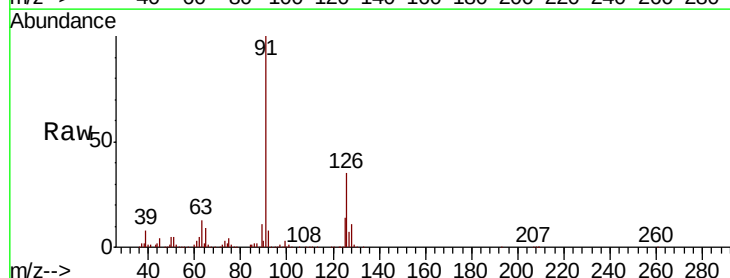
Acq: 02 Jul 2020 11:46

Tgt Ion: 91 Resp: 274012

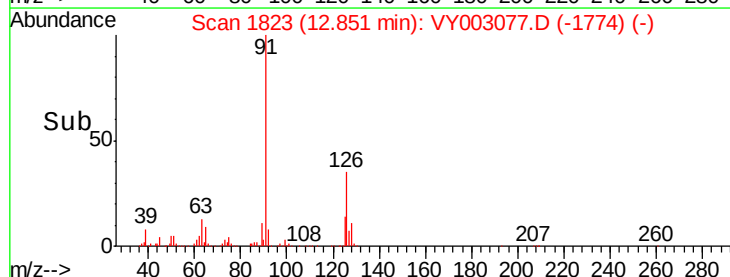
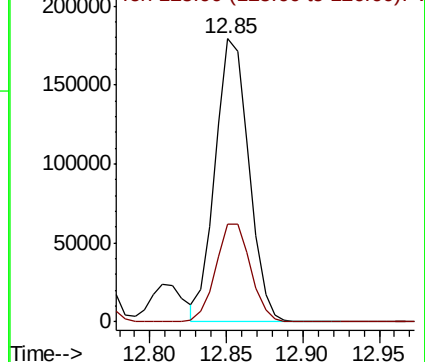
Ion Ratio Lower Upper

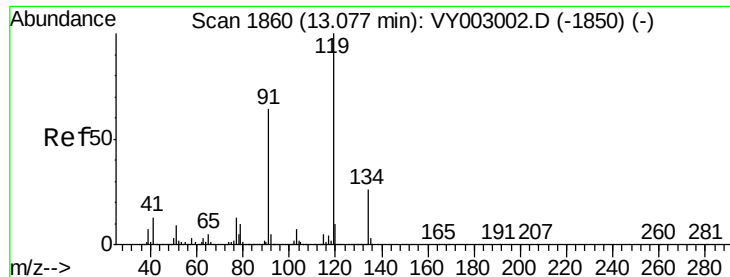
91 100

126 35.7 17.4 52.3



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





#83

tert-Butylbenzene

Concen: 20.391 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

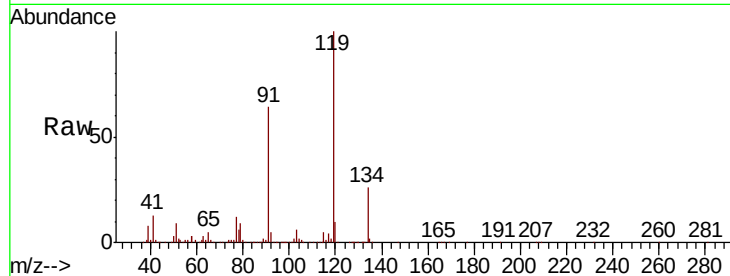
Tot Ion:119 Resp: 290104

Ion Ratio Lower Upper

119 100

91 63.6 31.6 95.0

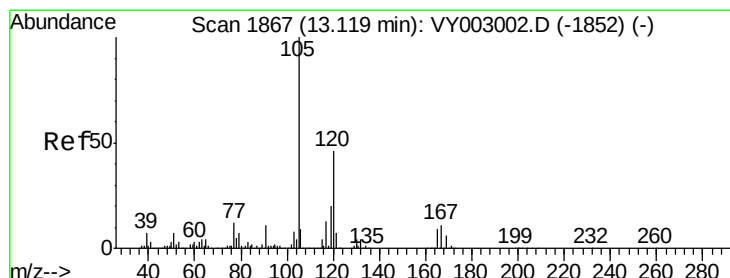
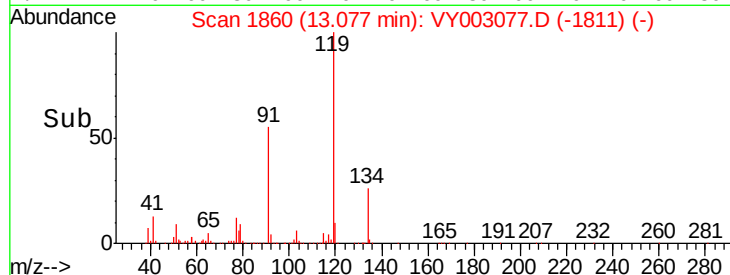
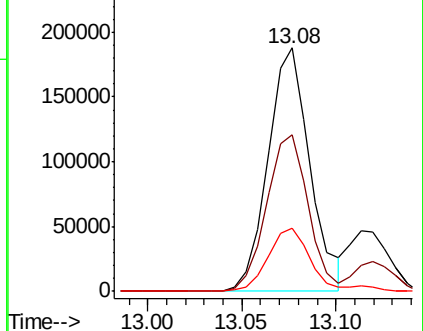
134 26.9 13.2 39.5



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: 20.434 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003077.D

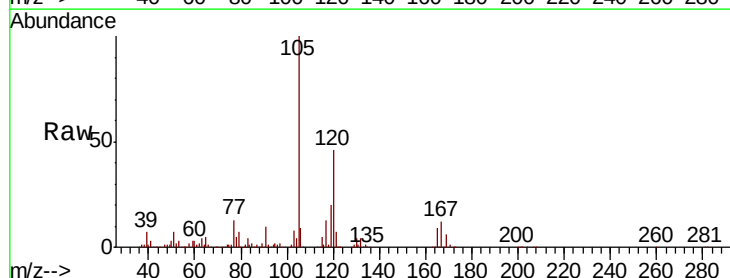
Acq: 02 Jul 2020 11:46

Tgt Ion:105 Resp: 333620

Ion Ratio Lower Upper

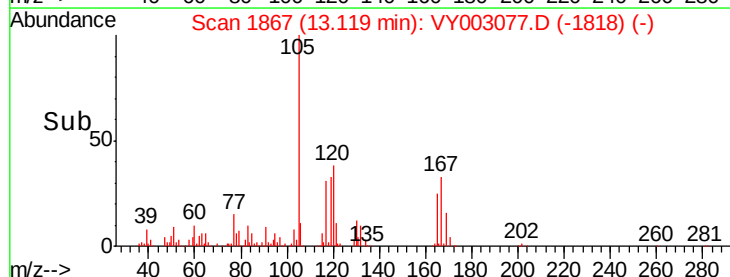
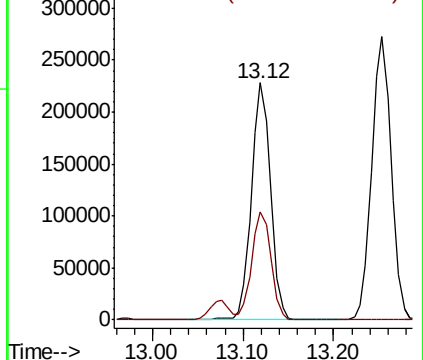
105 100

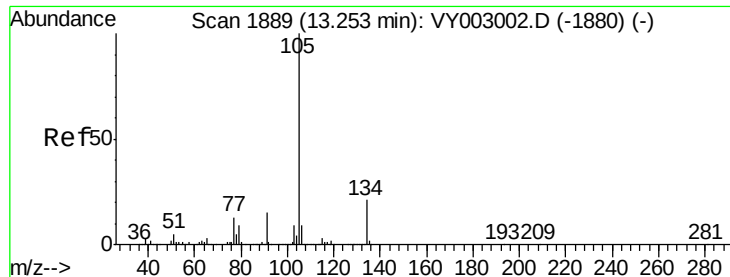
120 45.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.602 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

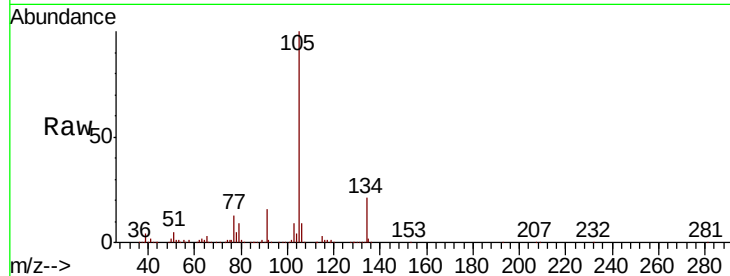
VY0702SBS01

Tot Ion:105 Resp: 404003

Ion Ratio Lower Upper

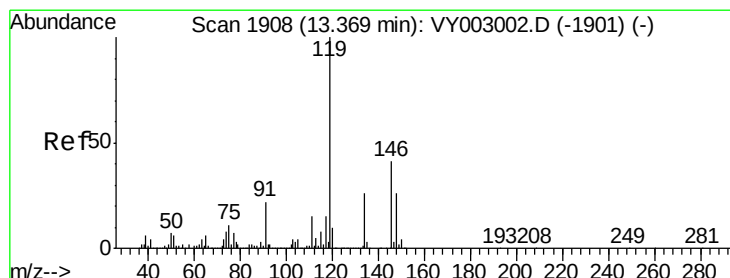
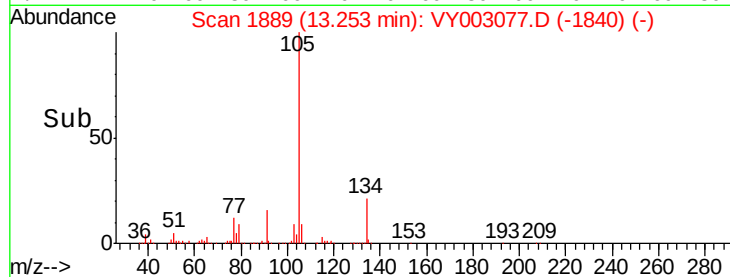
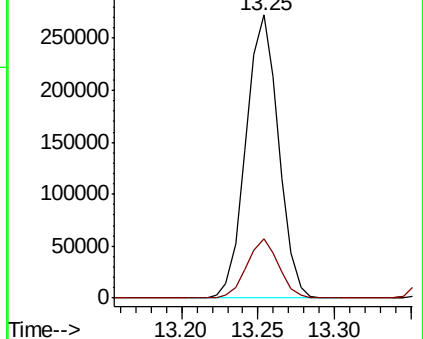
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.600 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

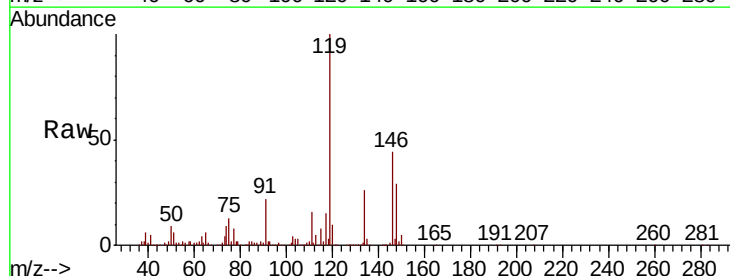
Tgt Ion:119 Resp: 374310

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

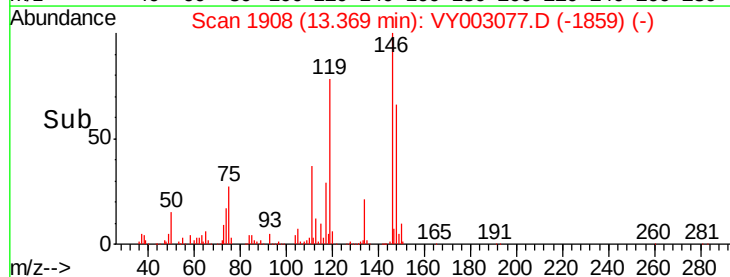
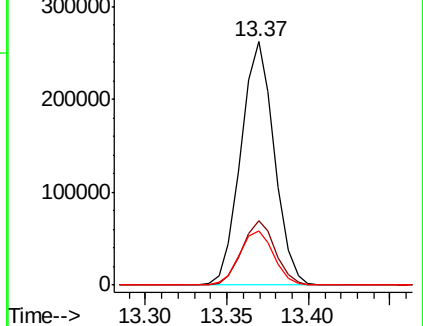
91 22.8 11.5 34.5

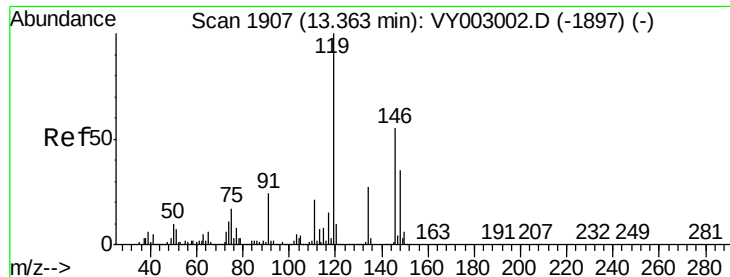


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

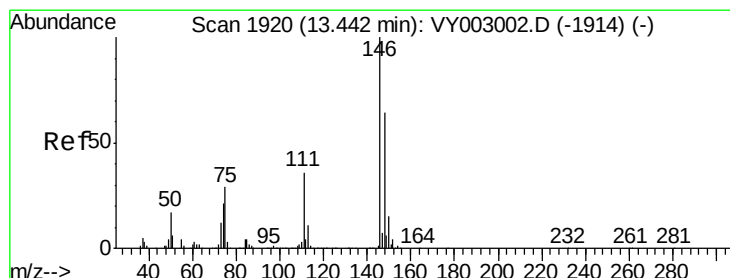
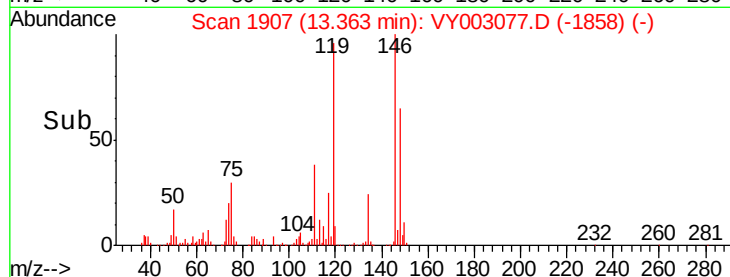
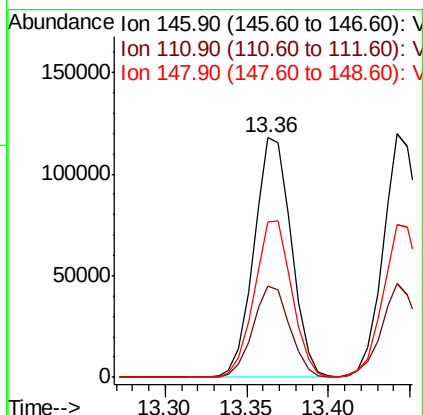
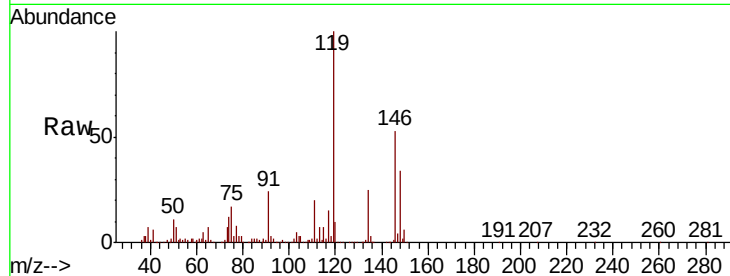




#87
 1,3-Dichlorobenzene
 Concen: 20.200 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

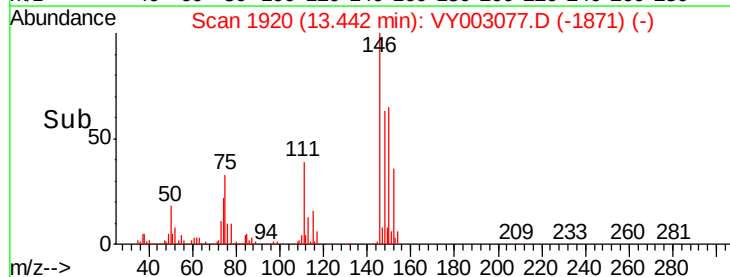
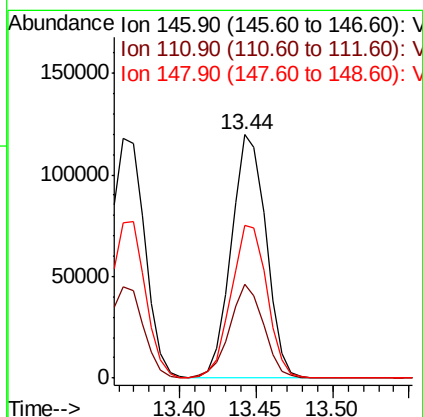
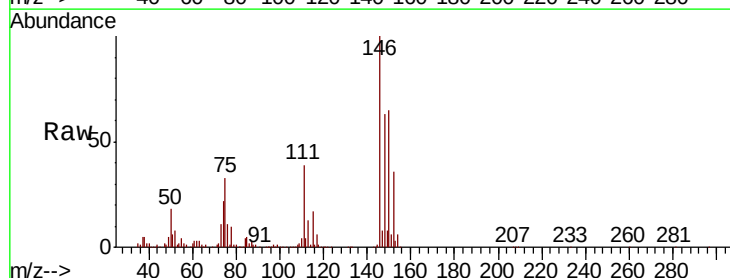
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

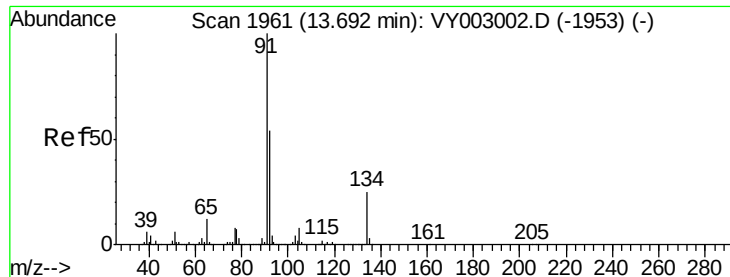
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	65.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.664 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.4
148	64.7	32.3	96.9





#89

n-Butylbenzene

Concen: 20.659 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

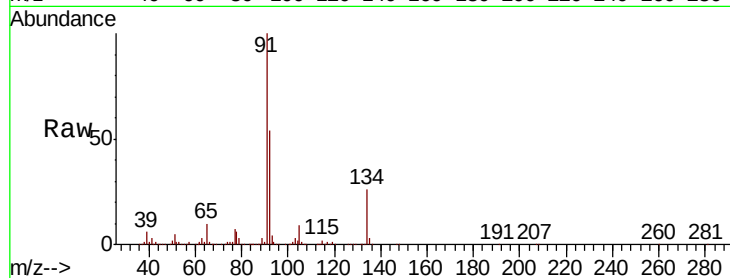
Tot Ion: 91 Resp: 359168

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.3

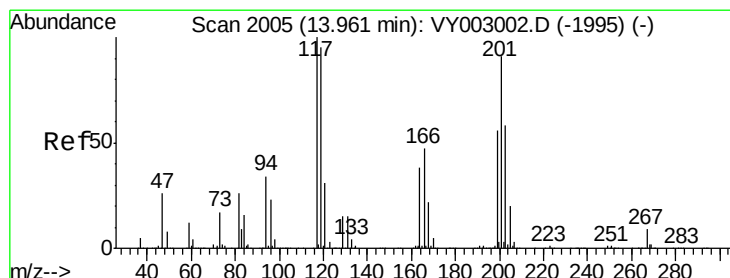
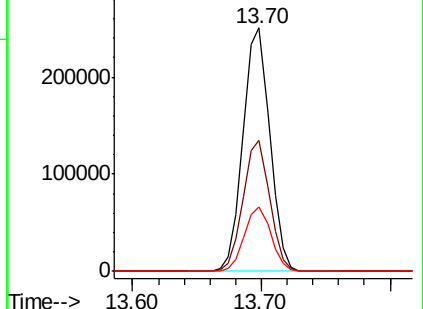
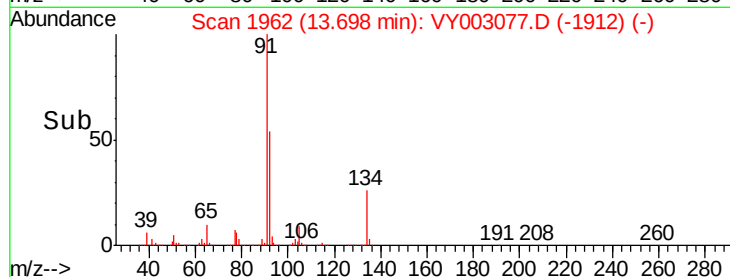
134 26.2 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY003077.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY003077.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY003077.D (-1912) (-)



#90

Hexachloroethane

Concen: 20.324 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003077.D

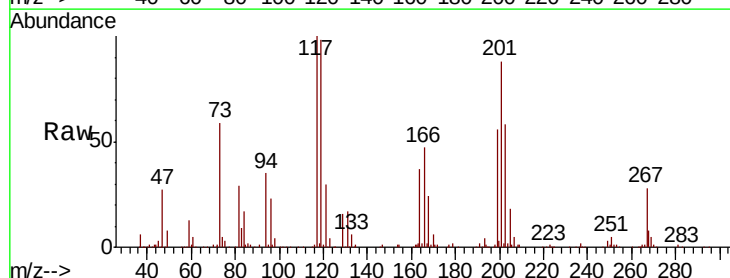
Acq: 02 Jul 2020 11:46

Tgt Ion: 117 Resp: 73334

Ion Ratio Lower Upper

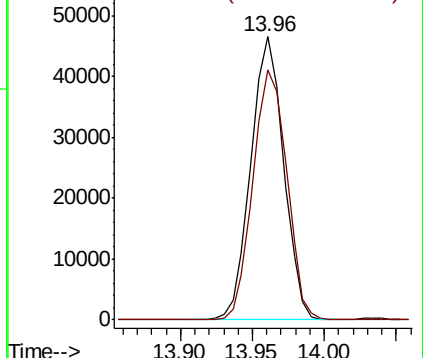
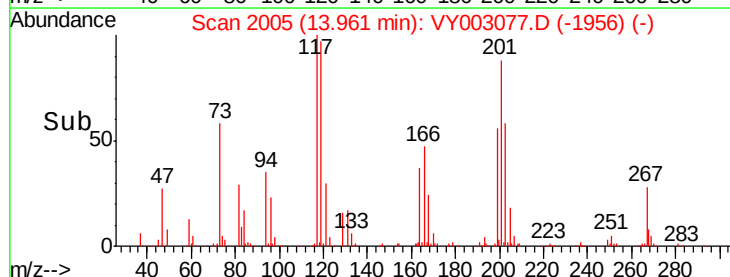
117 100

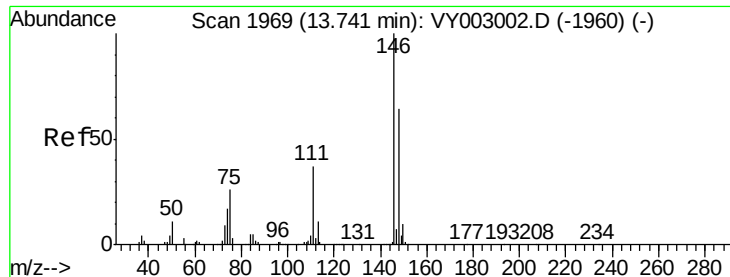
201 91.0 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): VY003077.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003077.D (-1956) (-)

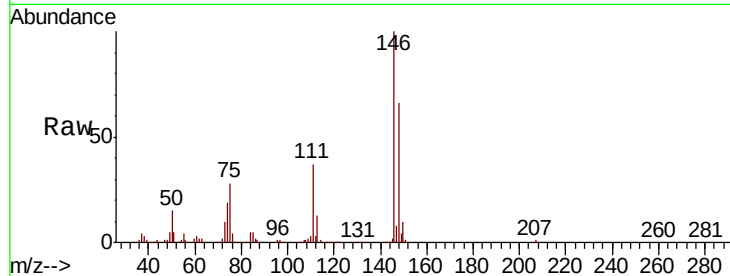




#91
 1,2-Dichlorobenzene
 Concen: 20.693 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	64.1	31.8	95.3

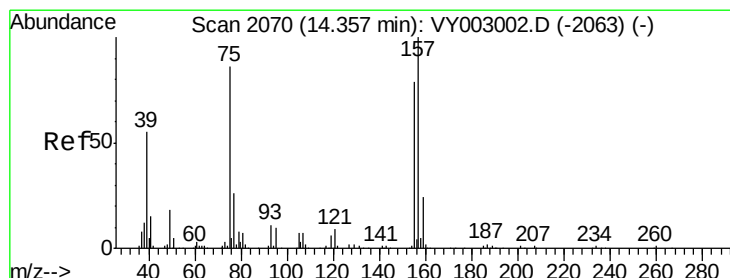
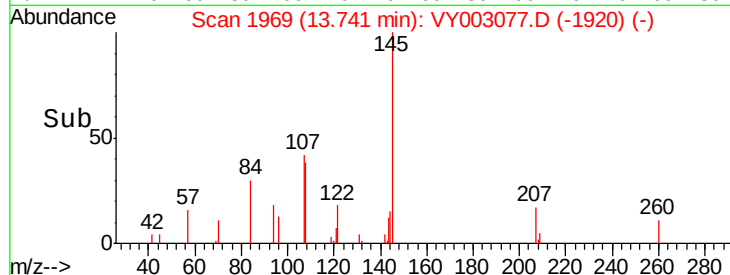
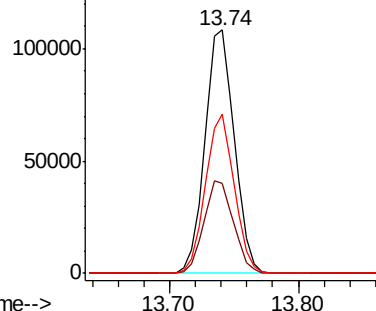


Abundance

Ion 145.90 (145.60 to 146.60): V

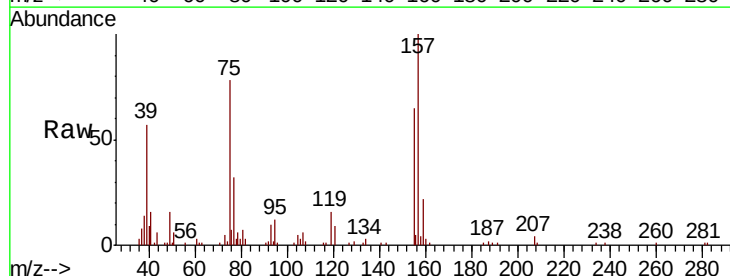
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.531 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	46.5	139.3
157	120.5	59.2	177.5

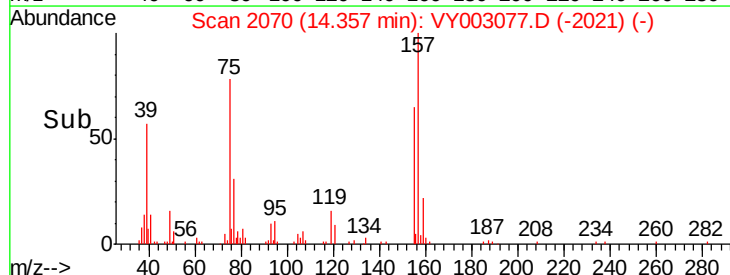
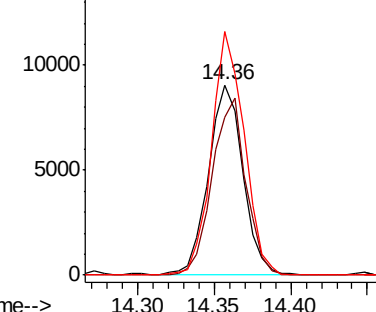


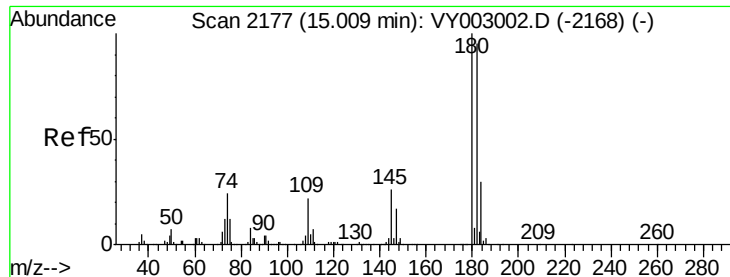
Abundance

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

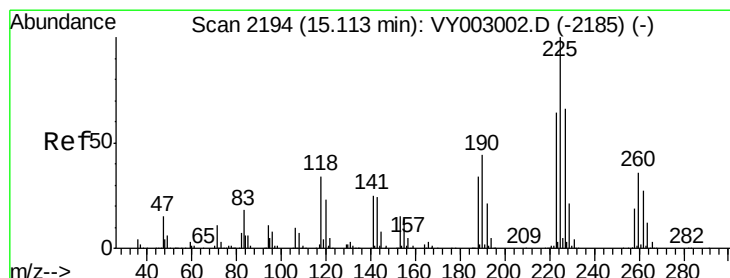
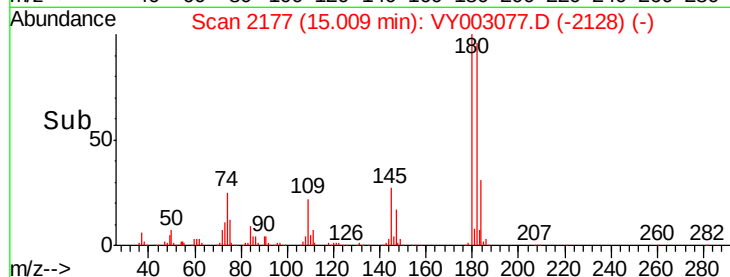
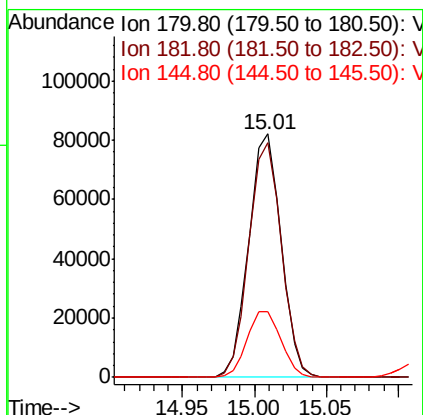
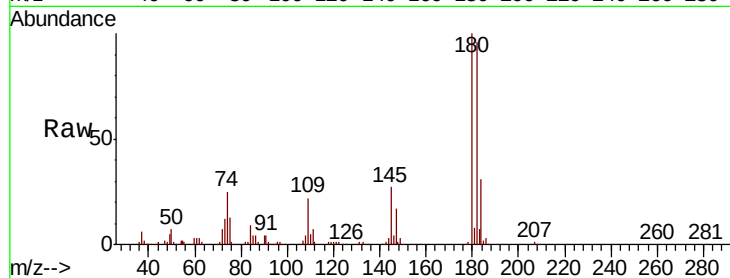




#93
 1,2,4-Trichlorobenzene
 Concen: 20.709 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

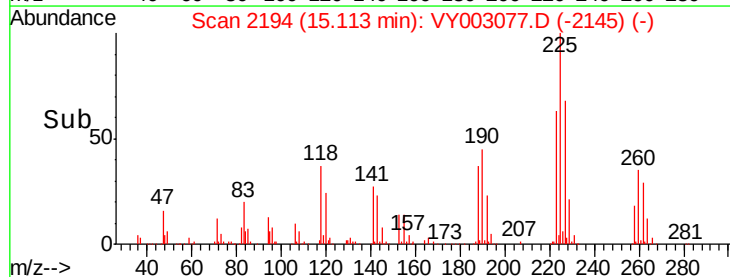
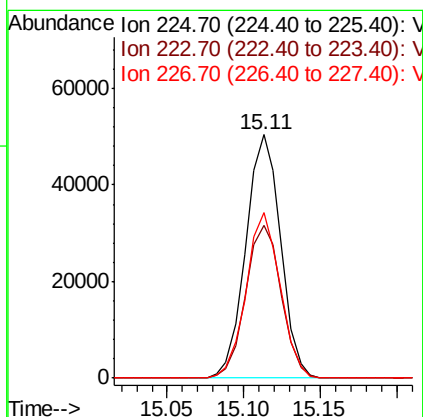
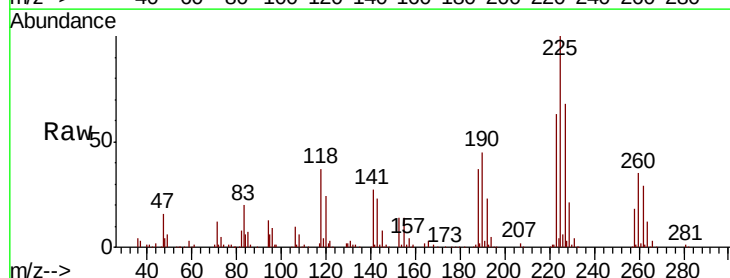
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

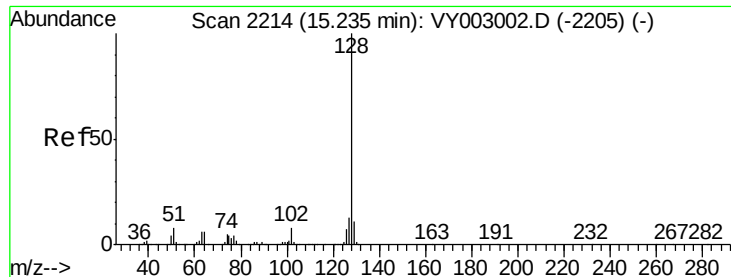
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.1	144.3
145	28.5	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 20.509 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003077.D
 Acq: 02 Jul 2020 11:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.4	97.0
227	66.5	32.4	97.2





#95

Naphthalene

Concen: 20.538 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

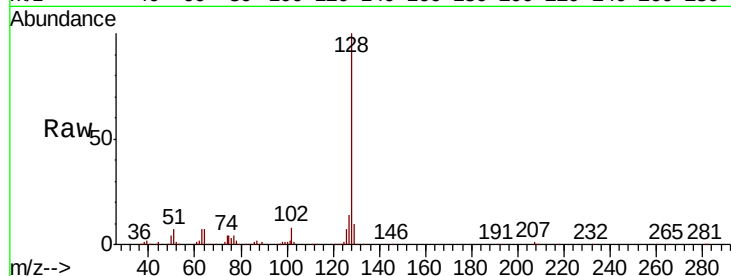
Tot Ion:128 Resp: 231158

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

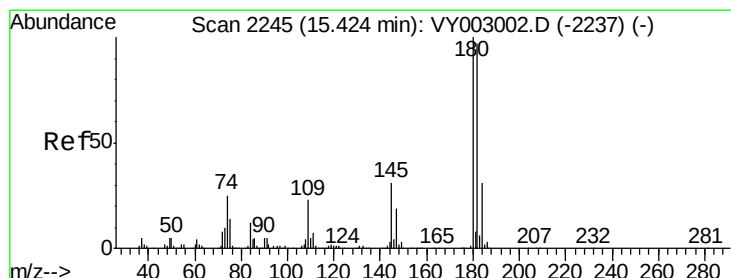
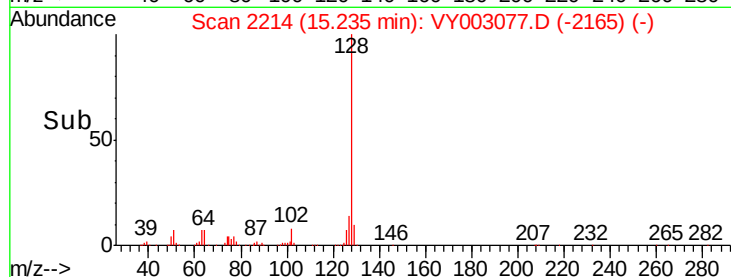
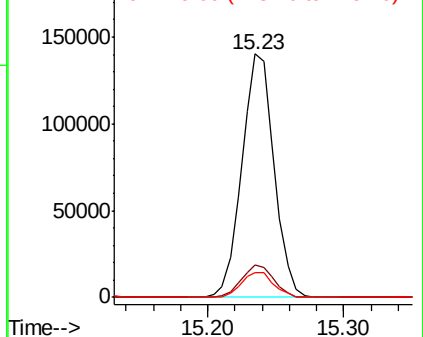
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.386 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003077.D

Acq: 02 Jul 2020 11:46

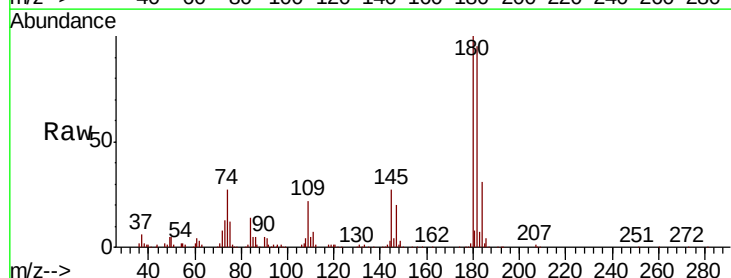
Tgt Ion:180 Resp: 109080

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 29.3 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

