

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003049.D
 Acq On : 30 Jun 2020 20:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 05:19:02 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	463854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	694352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	645070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	339777	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	232081	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	7.72	113	223568	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
50) Toluene-d8	10.18	98	813013	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.48	95	285488	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	154721	44.044	ug/l	99
3) Chloromethane	2.12	50	204586	39.770	ug/l	99
4) Vinyl Chloride	2.26	62	227973	45.432	ug/l	98
5) Bromomethane	2.66	94	179715	52.749	ug/l	100
6) Chloroethane	2.80	64	153711	48.153	ug/l	99
7) Trichlorofluoromethane	3.13	101	326261	46.067	ug/l	99
8) Diethyl Ether	3.54	74	120031	49.437	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	202686	47.930	ug/l	100
10) Methyl Iodide	4.10	142	259771	49.539	ug/l	100
11) Tert butyl alcohol	4.98	59	104088	221.696	ug/l	98
12) 1,1-Dichloroethene	3.88	96	190729	47.403	ug/l	91
13) Acrolein	3.74	56	83592	198.233	ug/l	99
14) Allyl chloride	4.49	41	298517	42.493	ug/l	96
15) Acrylonitrile	5.18	53	290734	232.341	ug/l	98
16) Acetone	3.96	43	222610	204.878	ug/l	100
17) Carbon Disulfide	4.20	76	578427	44.995	ug/l	98
18) Methyl Acetate	4.49	43	132551	45.280	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	598917	51.066	ug/l	98
20) Methylene Chloride	4.72	84	262695	54.856	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	221758	48.725	ug/l	96
22) Diisopropyl ether	6.13	45	692406	45.986	ug/l	95
23) Vinyl Acetate	6.07	43	2336253	232.082	ug/l	98
24) 1,1-Dichloroethane	6.03	63	386825	47.031	ug/l	98
25) 2-Butanone	7.00	43	392739	227.544	ug/l	97
26) 2,2-Dichloropropane	6.99	77	327874	43.876	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	253474	49.654	ug/l	95
28) Bromochloromethane	7.34	49	186993	51.096	ug/l	84
29) Tetrahydrofuran	7.35	42	261945	228.217	ug/l	92
30) Chloroform	7.52	83	401410	49.263	ug/l	99
31) Cyclohexane	7.79	56	336412	41.519	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	356243	47.897	ug/l	98
36) 1,1-Dichloropropene	7.93	75	302417	45.216	ug/l	98
37) Ethyl Acetate	7.08	43	180971	45.002	ug/l	97
38) Carbon Tetrachloride	7.91	117	327424	47.052	ug/l	99

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

39) Methylcyclohexane	9.19	83	381884	46.052	ug/l	97
40) Benzene	8.17	78	867788	47.392	ug/l	97
41) Methacrylonitrile	7.36	41	245409	114.243	ug/l #	45
42) 1,2-Dichloroethane	8.24	62	279285	48.213	ug/l	100
43) Isopropyl Acetate	8.28	43	356572	46.642	ug/l	95
44) Trichloroethene	8.94	130	263454	49.502	ug/l	99
45) 1,2-Dichloropropane	9.22	63	228918	46.469	ug/l	97
46) Dibromomethane	9.31	93	138911	50.488	ug/l	98
47) Bromodichloromethane	9.50	83	330075	48.993	ug/l	99
48) Methyl methacrylate	9.30	41	159040	45.705	ug/l	92
49) 1,4-Dioxane	9.31	88	36184	1077.346	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	932964	236.118	ug/l	97
52) Toluene	10.24	92	558183	48.425	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	344475	48.769	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	387297	47.944	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	194056	50.756	ug/l	100
56) Ethyl methacrylate	10.51	69	280499	50.682	ug/l	96
57) 1,3-Dichloropropane	10.79	76	334054	49.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	734104	258.628	ug/l	96
59) 2-Hexanone	10.83	43	651967	236.066	ug/l	98
60) Dibromochloromethane	10.99	129	250252	51.147	ug/l	99
61) 1,2-Dibromoethane	11.09	107	193958	51.458	ug/l	99
64) Tetrachloroethene	10.72	164	272318	49.879	ug/l	96
65) Chlorobenzene	11.52	112	621612	48.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	248971	50.135	ug/l	100
67) Ethyl Benzene	11.59	91	1103397	47.418	ug/l	100
68) m/p-Xylenes	11.70	106	835805	96.508	ug/l	98
69) o-Xylene	12.03	106	399250	48.922	ug/l	97
70) Styrene	12.05	104	695118	49.857	ug/l	98
71) Bromoform	12.20	173	170411	51.463	ug/l #	100
73) Isopropylbenzene	12.33	105	1060828	47.706	ug/l	100
74) N-amyl acetate	12.14	43	342143	47.263	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	223586	49.824	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	309654	92.083	ug/l #	100
77) Bromobenzene	12.61	156	283885	49.791	ug/l	98
78) n-propylbenzene	12.67	91	1257522	47.022	ug/l	99
79) 2-Chlorotoluene	12.75	91	718354	48.123	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	896814	48.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	82599	47.789	ug/l	97
82) 4-Chlorotoluene	12.85	91	751526	48.355	ug/l	98
83) tert-Butylbenzene	13.08	119	783725	47.832	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	906786	48.226	ug/l	100
85) sec-Butylbenzene	13.25	105	1078206	47.742	ug/l	99
86) p-Isopropyltoluene	13.37	119	994493	47.522	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	525366	49.355	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	519217	49.466	ug/l	100
89) n-Butylbenzene	13.70	91	928641	46.380	ug/l	99
90) Hexachloroethane	13.96	117	203801	49.044	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	477146	49.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	39355	49.541	ug/l	91

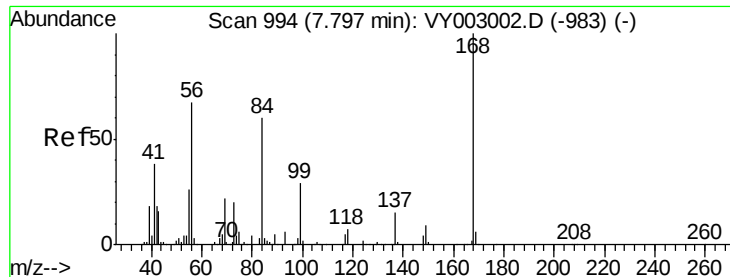
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	358573	50.527	ug/l	99
94) Hexachlorobutadiene	15.11	225	214878	48.004	ug/l	97
95) Naphthalene	15.23	128	678182	52.321	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	312586	50.726	ug/l	99

(#) = 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: VY003049.D

Acq: 30 Jun 2020 20:53

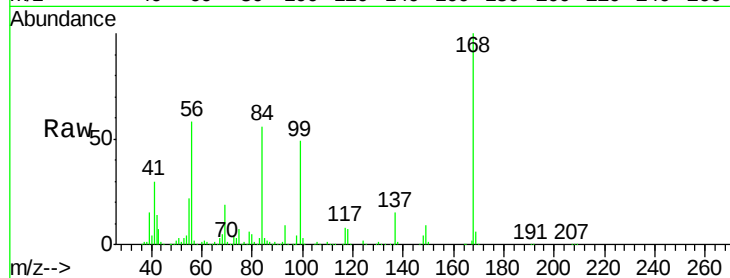
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 463854

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

250000

200000

150000

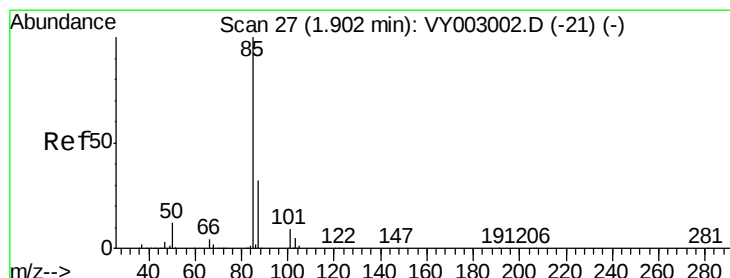
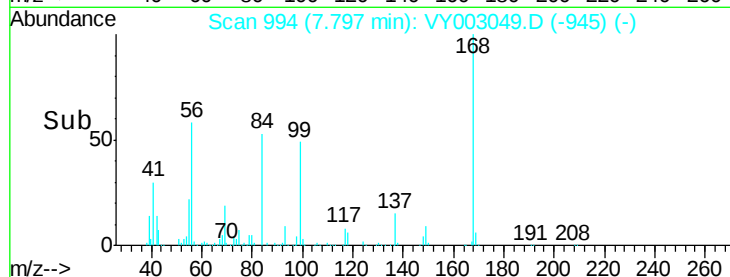
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.044 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003049.D

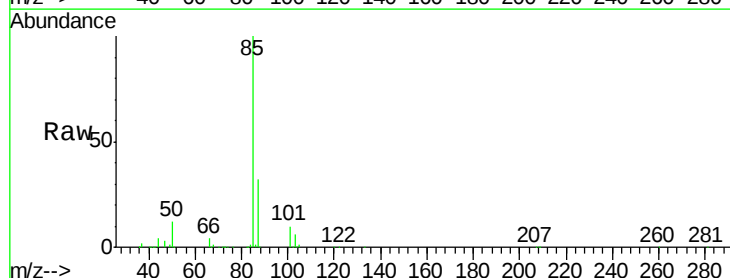
Acq: 30 Jun 2020 20:53

Tgt Ion: 85 Resp: 154721

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.91

120000

100000

80000

60000

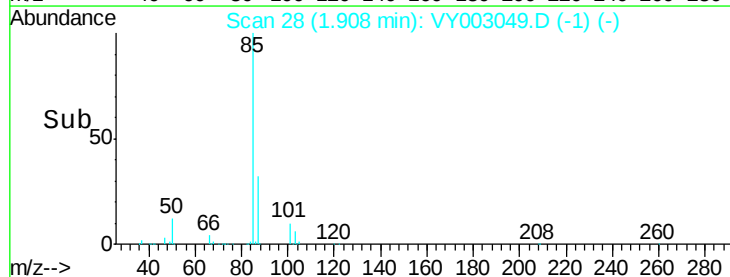
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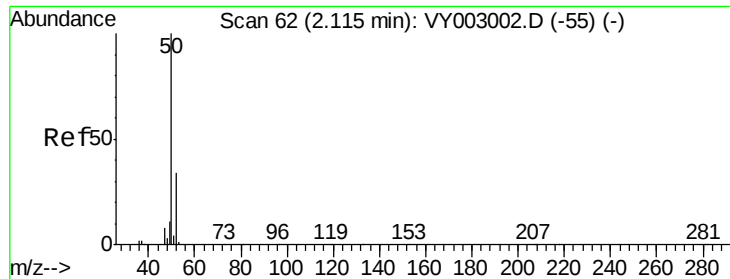
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 39.770 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

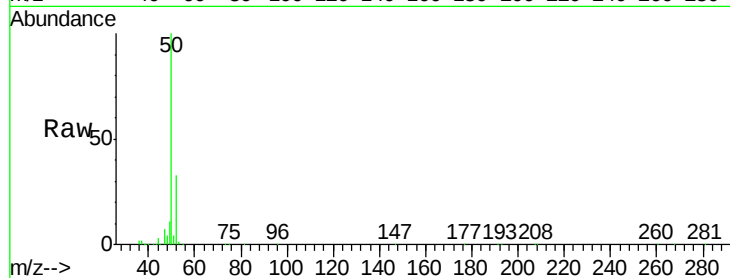
ClientSampleId :

Tot Ion: 50 Resp: 204586

Ion Ratio Lower Upper

50 100

52 32.9 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

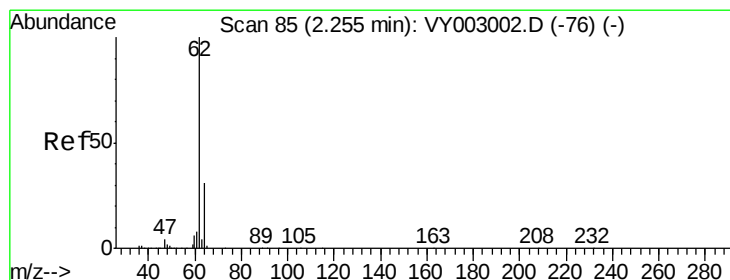
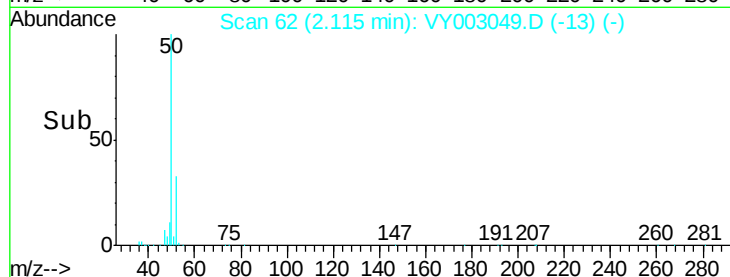
150000

100000

50000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 45.432 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003049.D

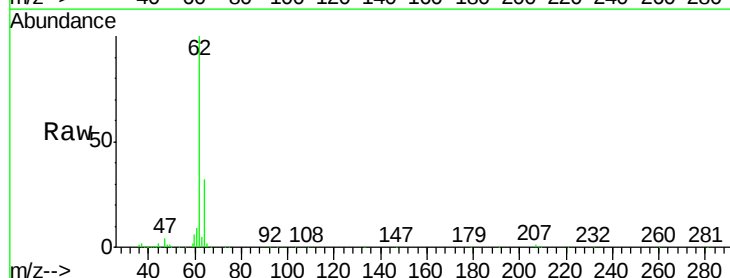
Acq: 30 Jun 2020 20:53

Tgt Ion: 62 Resp: 227973

Ion Ratio Lower Upper

62 100

64 31.6 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

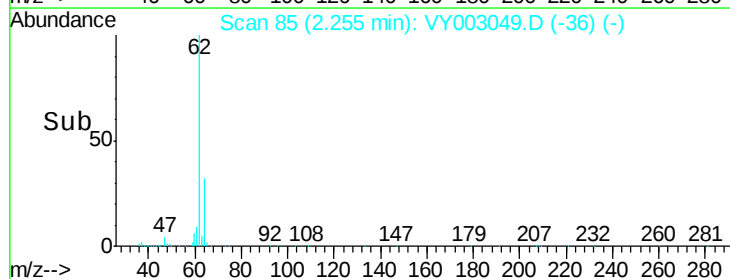
150000

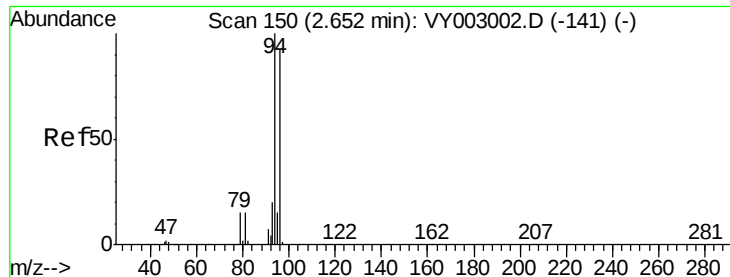
100000

50000

0

Time--> 2.20 2.30 2.40





#5

Bromomethane

Concen: 52.749 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

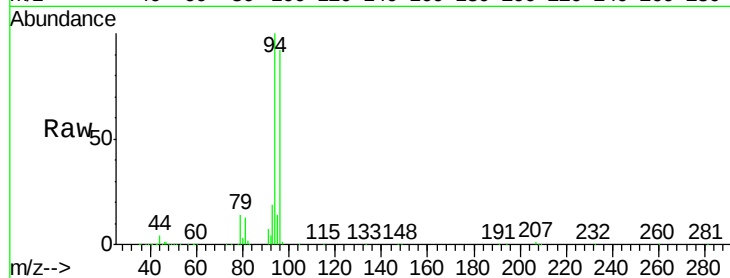
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 179715

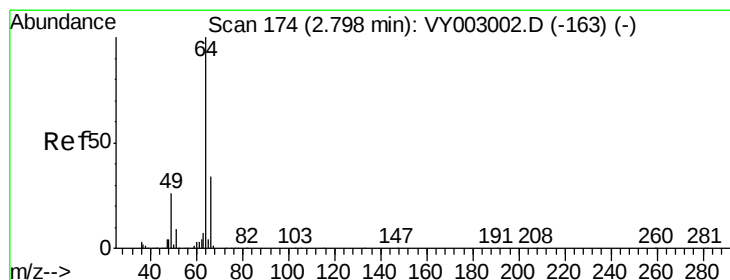
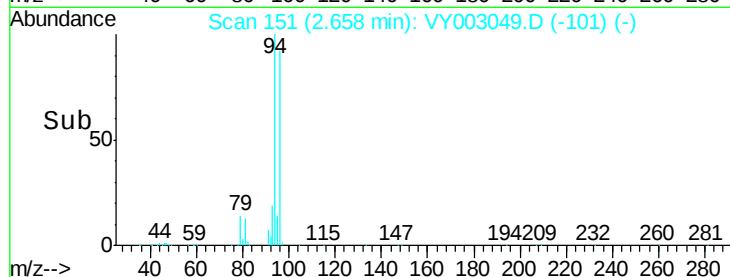
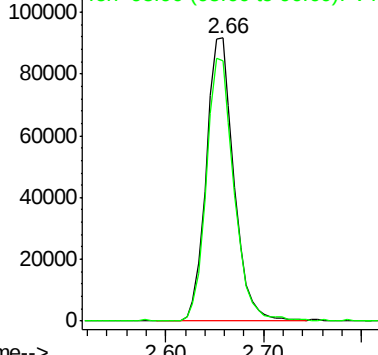
Ion Ratio Lower Upper

94 100

96 91.6 73.4 110.2



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



#6

Chloroethane

Concen: 48.153 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003049.D

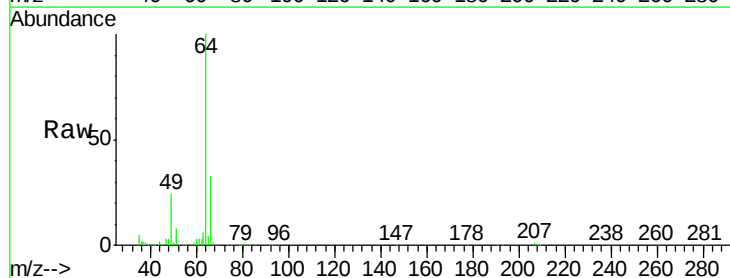
Acq: 30 Jun 2020 20:53

Tgt Ion: 64 Resp: 153711

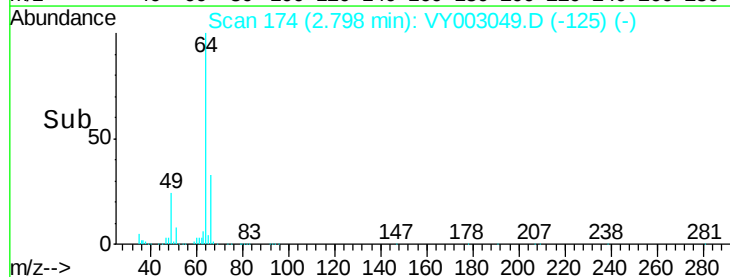
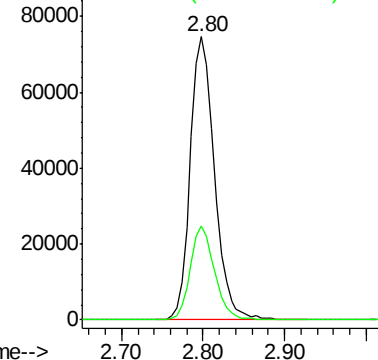
Ion Ratio Lower Upper

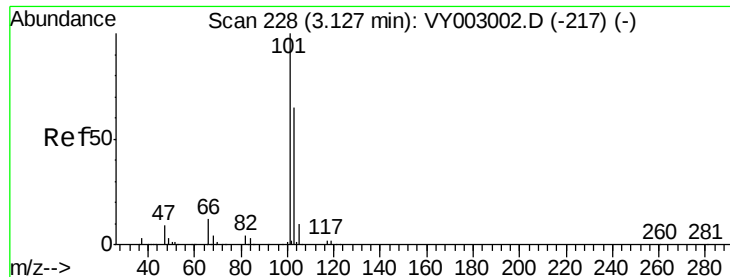
64 100

66 33.2 27.0 40.4



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



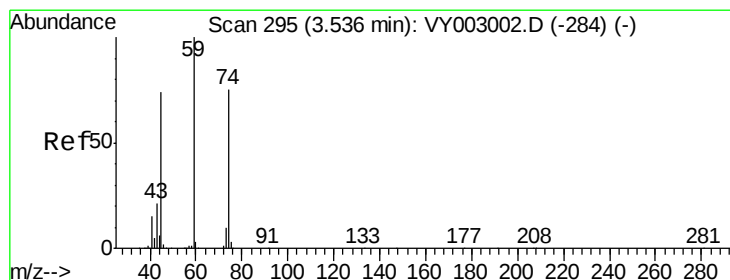
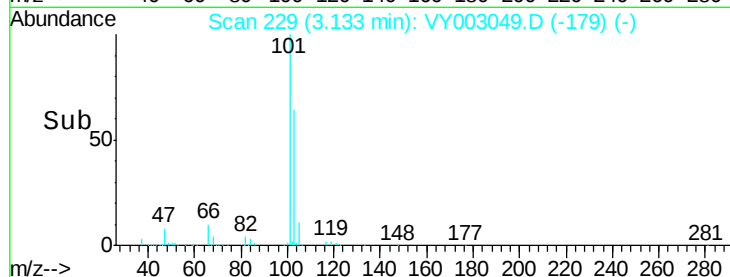
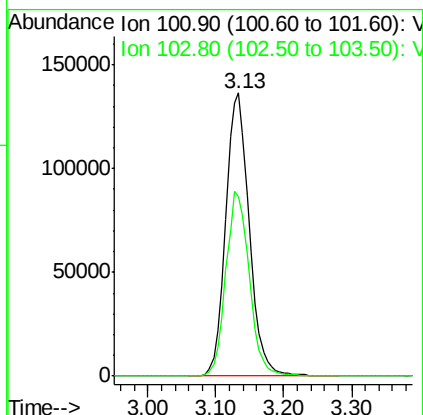
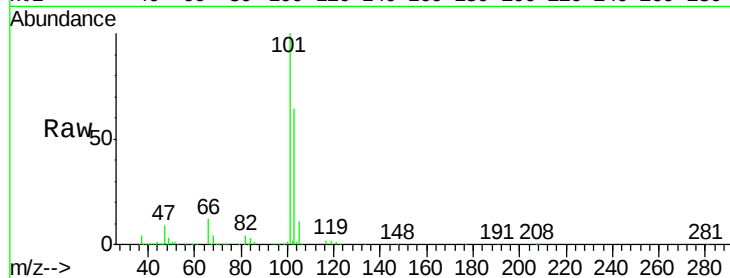


#7

Trichlorofluoromethane
Concen: 46.067 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Instrument :
MSVOA_Y
ClientSampleId :

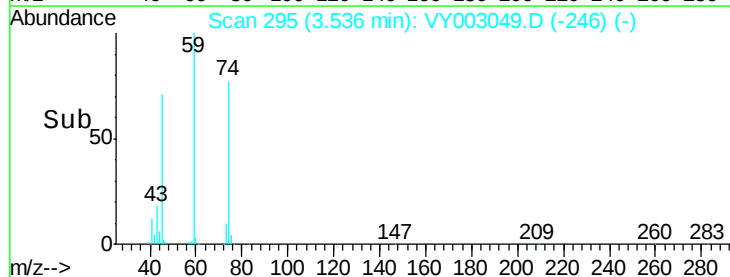
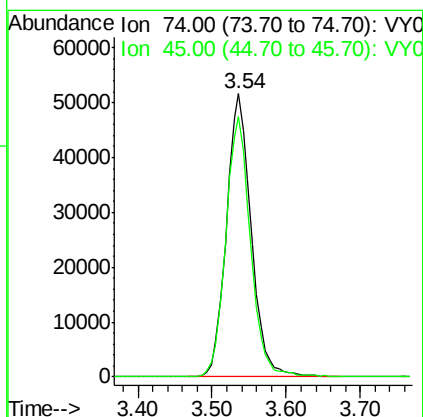
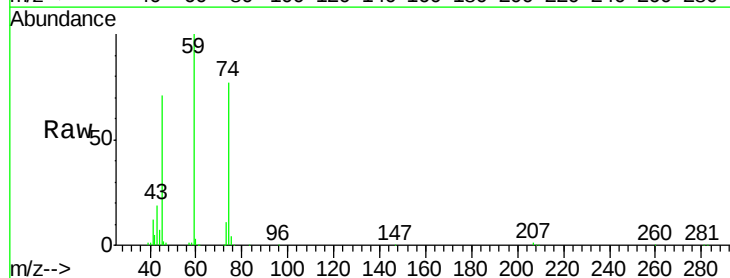
Tot Ion:101 Resp: 326261
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4

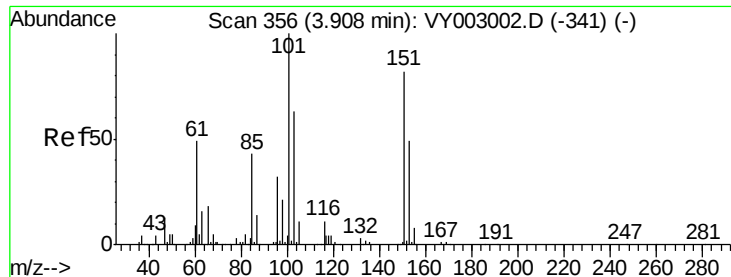


#8

Diethyl Ether
Concen: 49.437 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion: 74 Resp: 120031
Ion Ratio Lower Upper
74 100
45 90.6 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.930 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

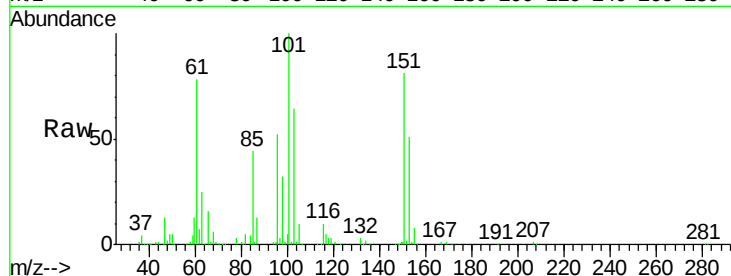
Tot Ion:101 Resp: 202686

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

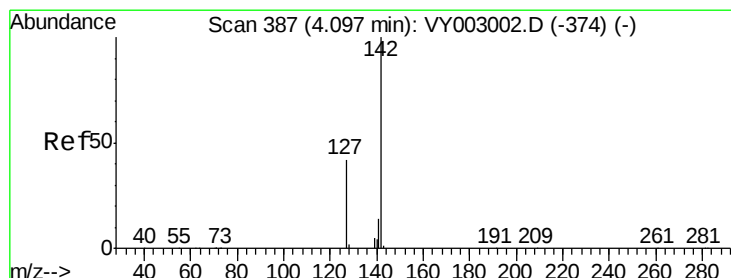
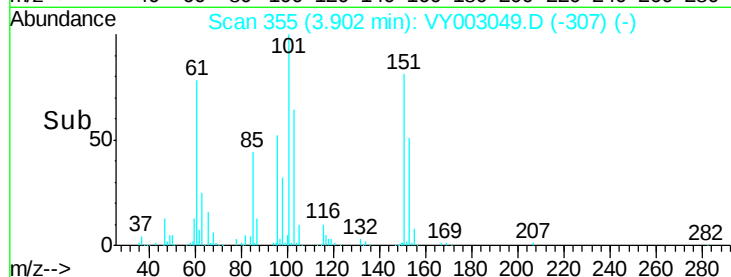
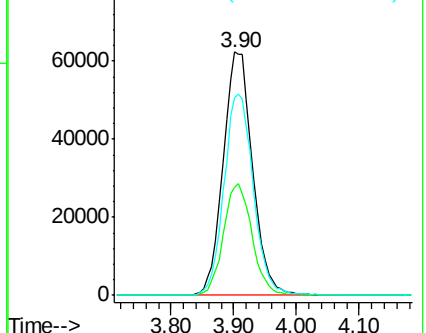
151 82.0 65.5 98.3



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: 49.539 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

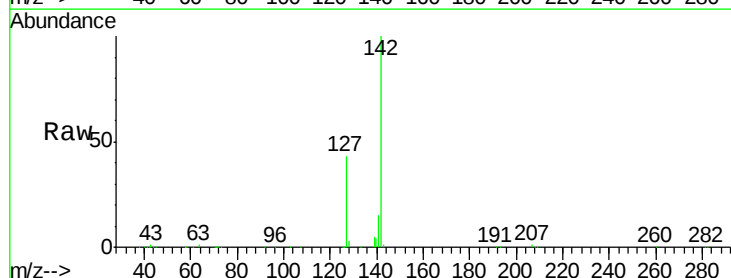
Tgt Ion:142 Resp: 259771

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.2

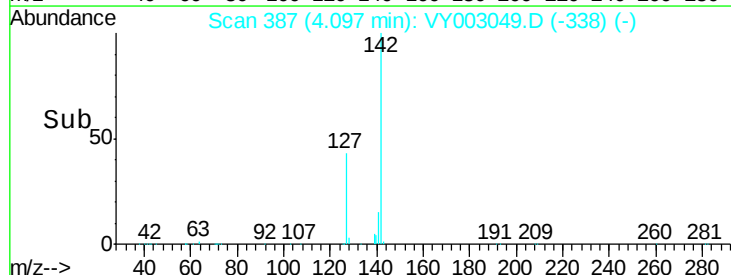
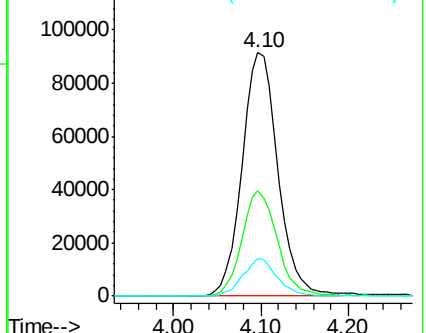
141 14.7 11.7 17.5

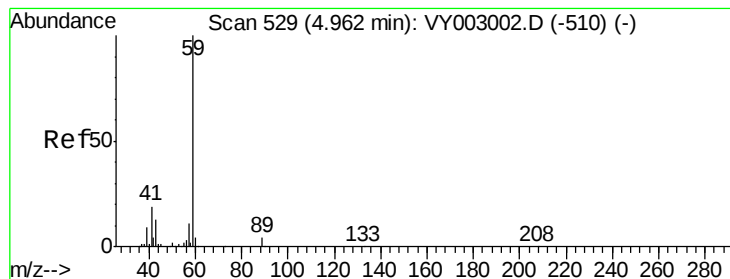


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



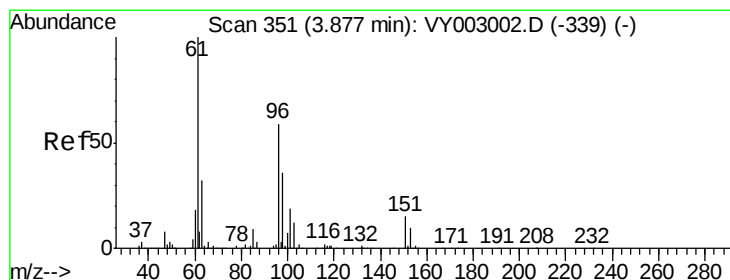
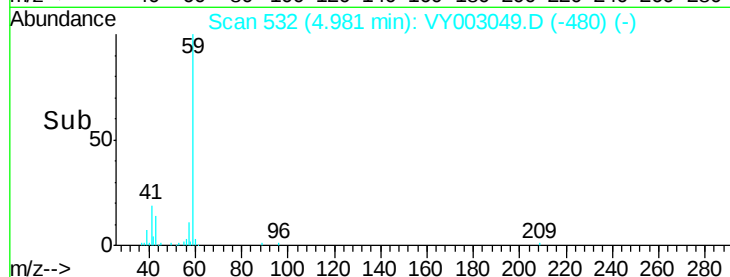
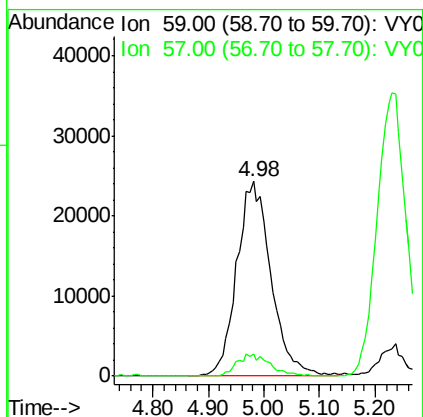
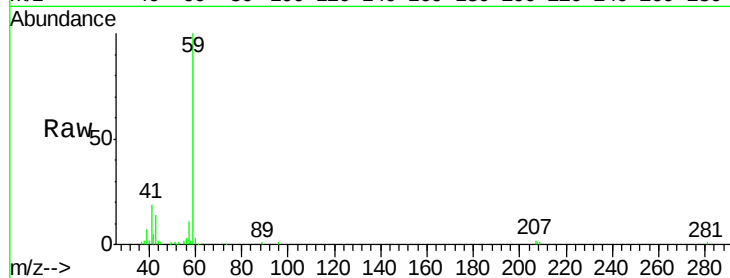


#11

Tert butyl alcohol
 Concen: 221.696 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.02 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Instrument :
 MSVOA_Y
 ClientSampleId :

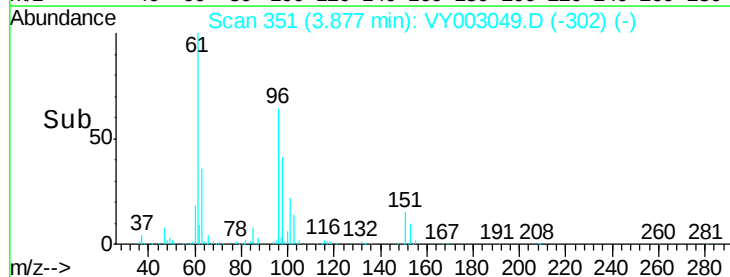
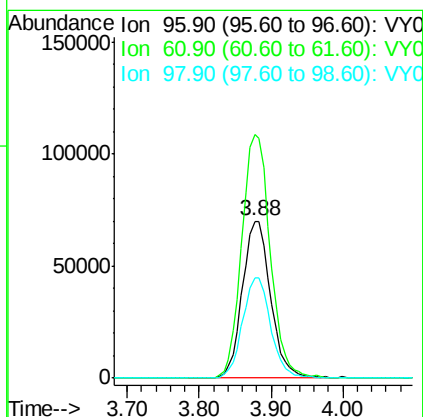
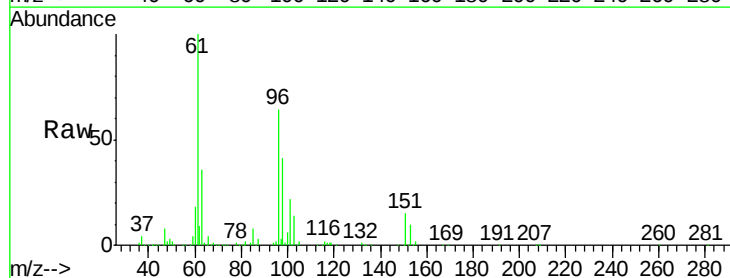
Tot Ion: 59 Resp: 104088
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.0 12.0

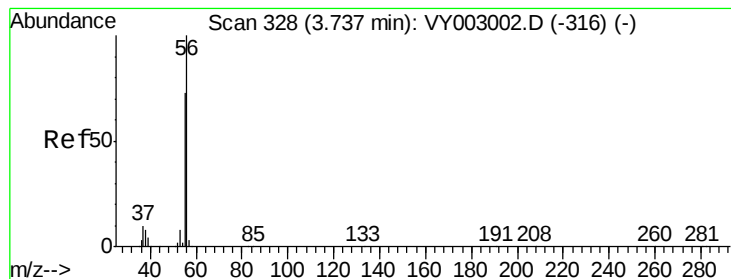


#12

1,1-Dichloroethene
 Concen: 47.403 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Tgt Ion: 96 Resp: 190729
 Ion Ratio Lower Upper
 96 100
 61 155.3 136.7 205.1
 98 64.1 49.7 74.5





#13

Acrolein

Concen: 198.233 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

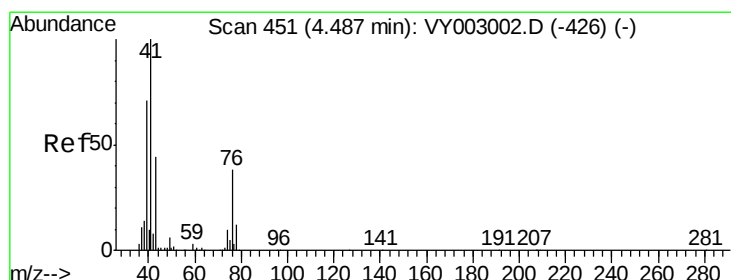
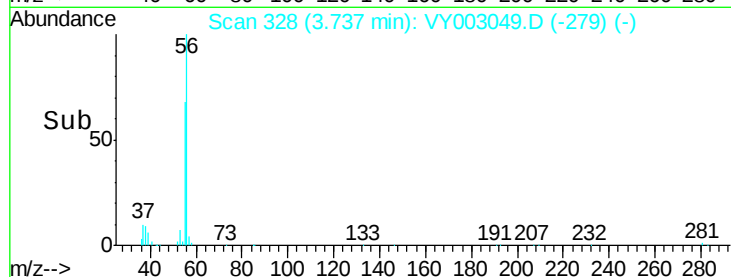
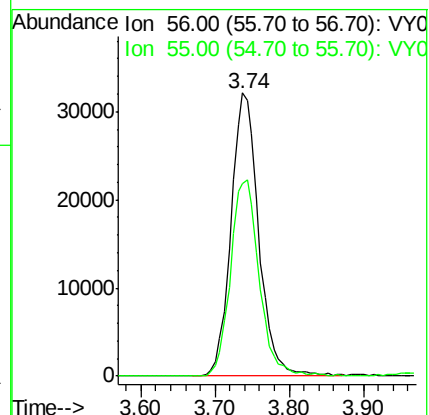
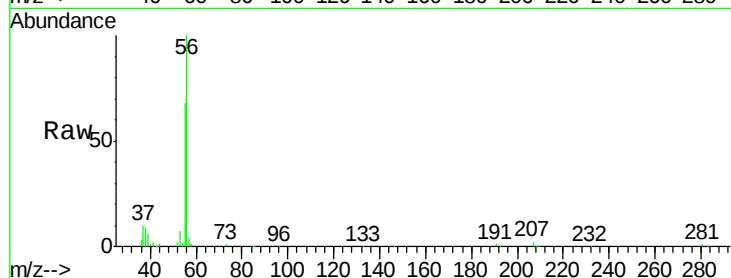
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 83592

Ion Ratio Lower Upper

56 100

55 71.3 56.4 84.6



#14

Allyl chloride

Concen: 42.493 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

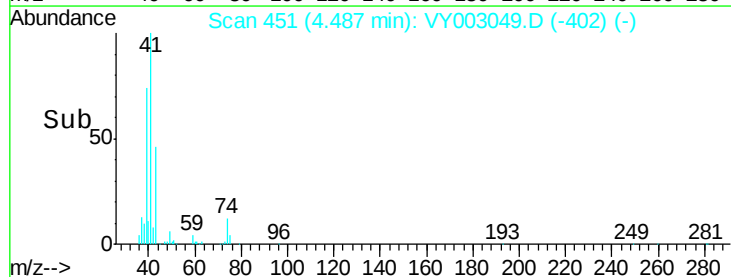
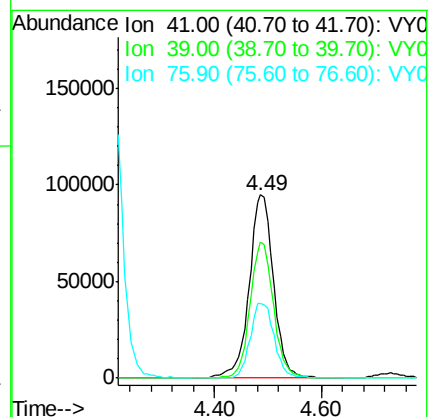
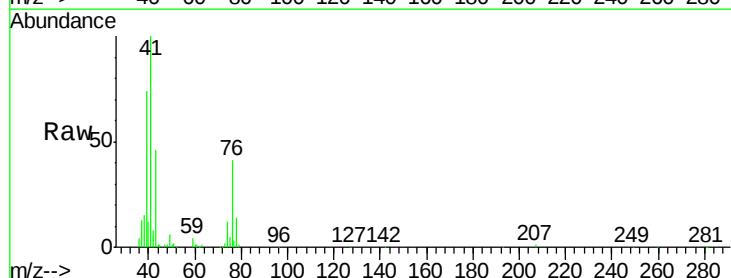
Tgt Ion: 41 Resp: 298517

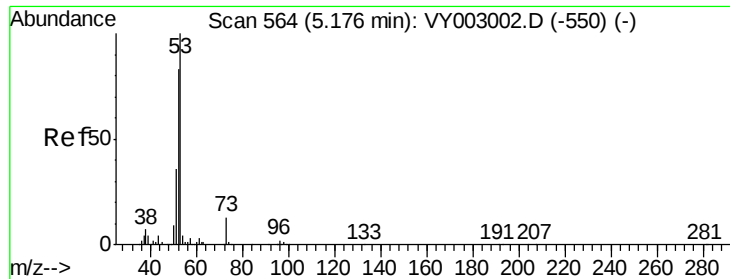
Ion Ratio Lower Upper

41 100

39 71.4 55.6 83.4

76 39.7 28.6 43.0





#15

Acrylonitrile

Concen: 232.341 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

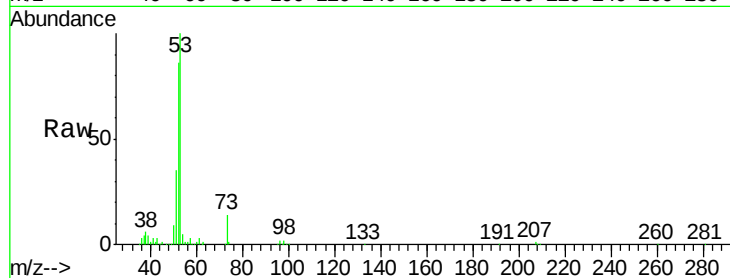
Tot Ion: 53 Resp: 290734

Ion Ratio Lower Upper

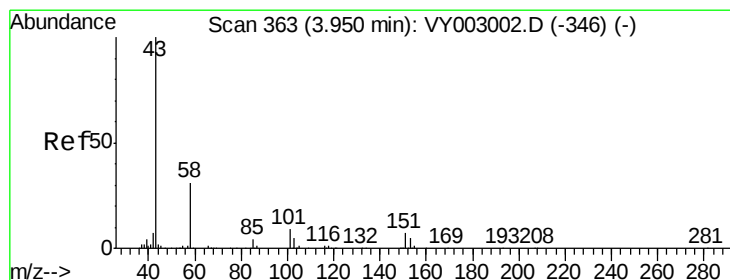
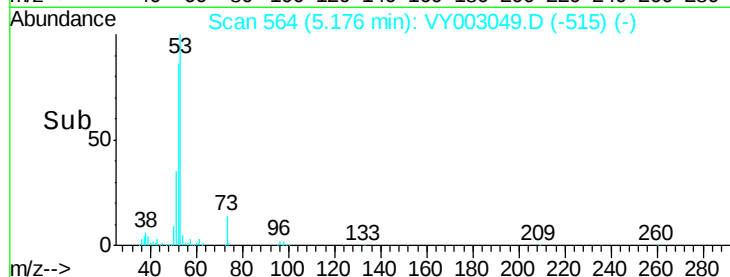
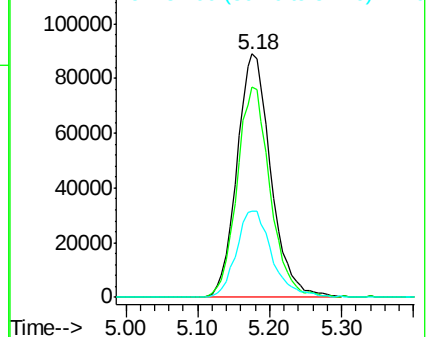
53 100

52 84.3 66.2 99.2

51 37.6 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: 204.878 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003049.D

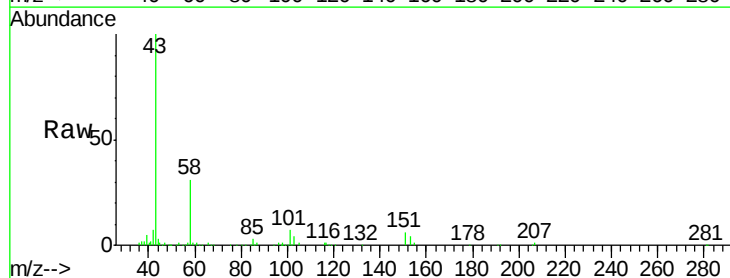
Acq: 30 Jun 2020 20:53

Tgt Ion: 43 Resp: 222610

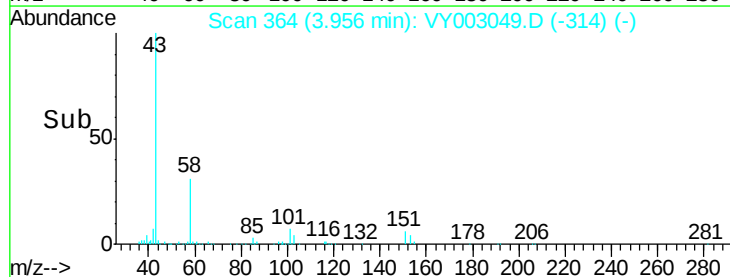
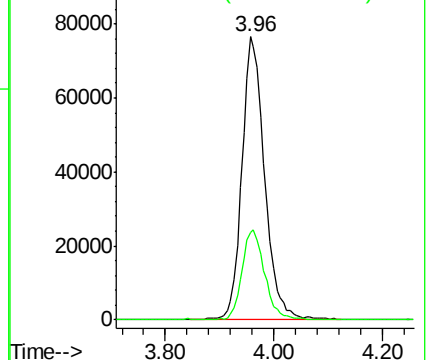
Ion Ratio Lower Upper

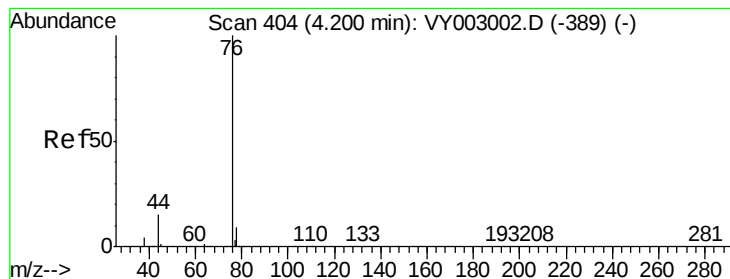
43 100

58 31.0 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: 44.995 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

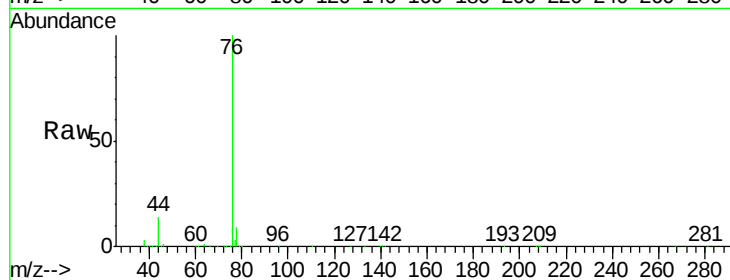
ClientSampleId :

Tot Ion: 76 Resp: 578427

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

250000

200000

150000

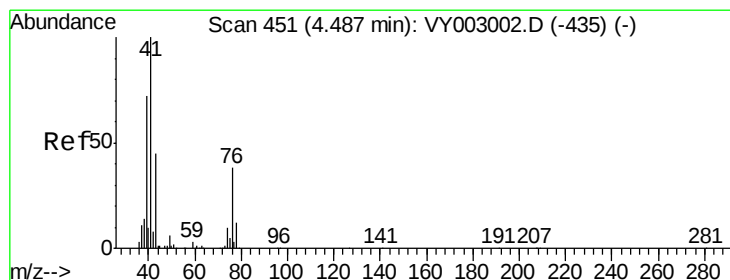
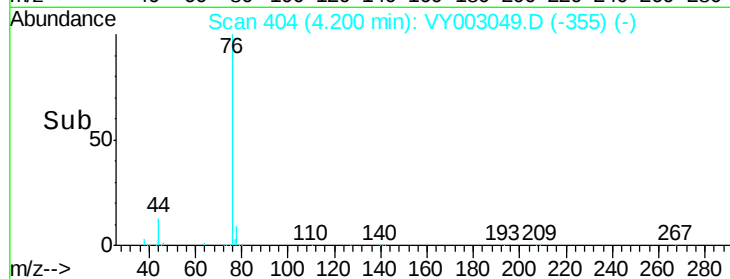
100000

50000

0

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 45.280 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003049.D

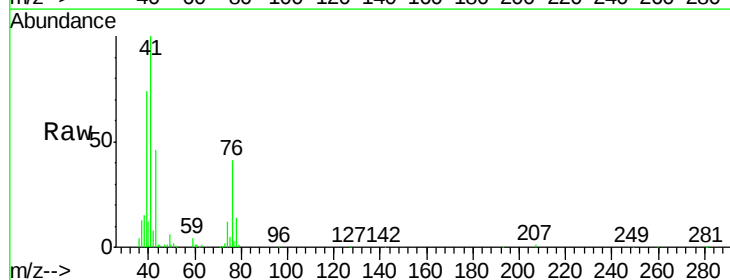
Acq: 30 Jun 2020 20:53

Tgt Ion: 43 Resp: 132551

Ion Ratio Lower Upper

43 100

74 25.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

50000

40000

30000

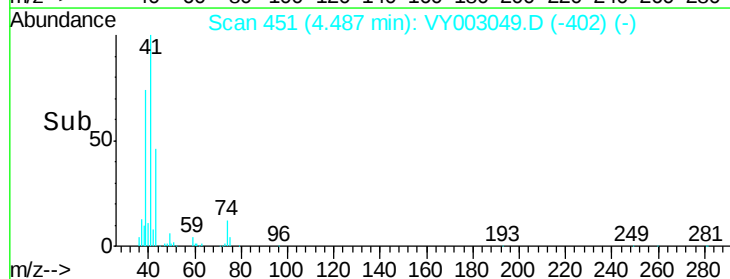
20000

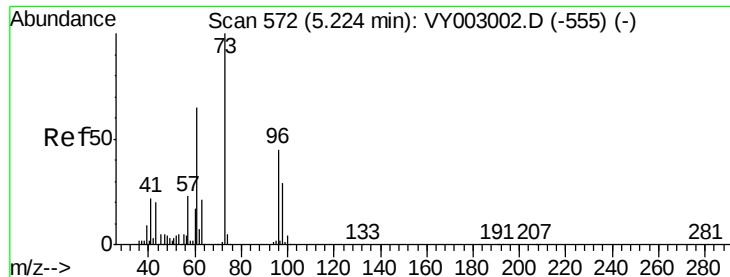
10000

0

4.30 4.40 4.50 4.60 4.70

Time-->

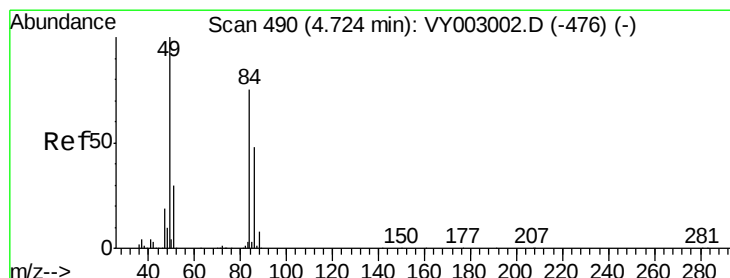
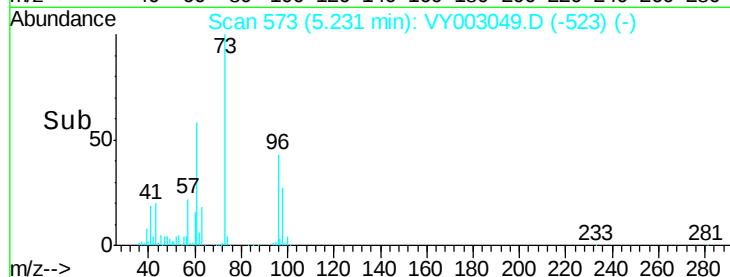
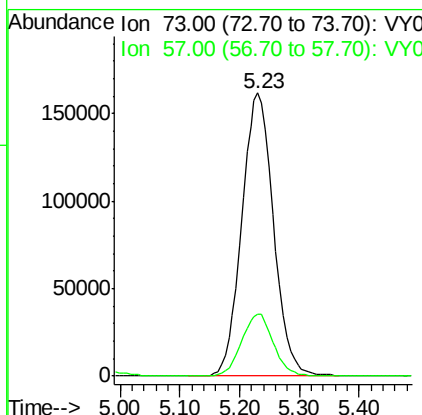
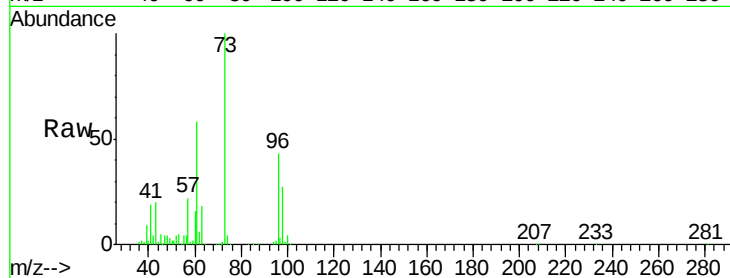




#19
Methvl tert-butvl Ether
Concen: 51.066 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

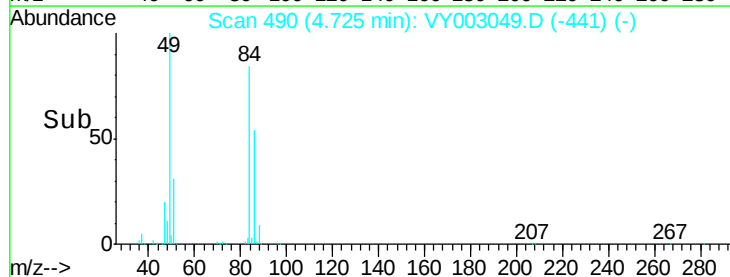
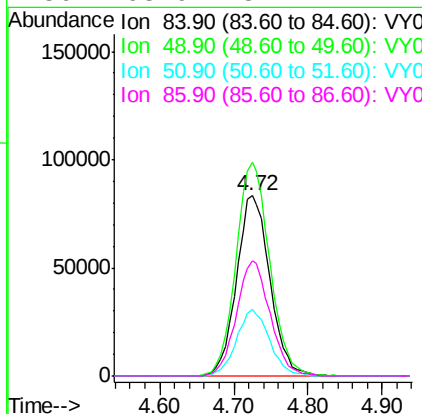
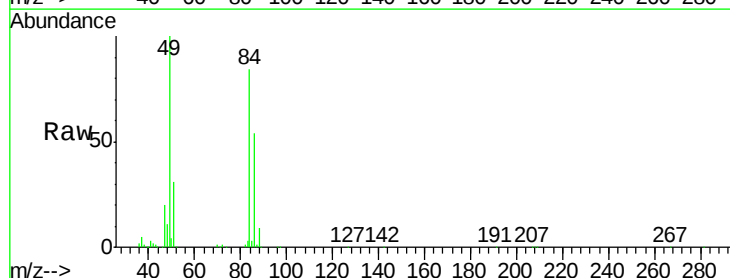
Instrument :
MSVOA_Y
ClientSampleId :

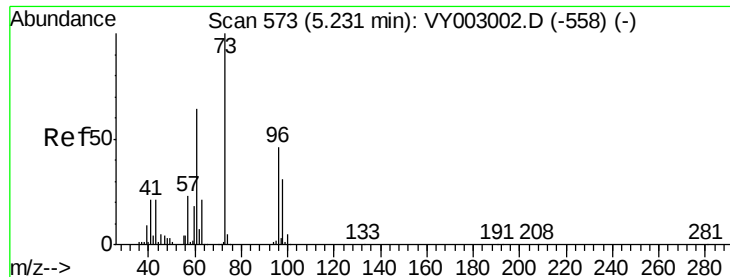
Tot Ion: 73 Resp: 598917
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.2



#20
Methylene Chloride
Concen: 54.856 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion: 84 Resp: 262695
Ion Ratio Lower Upper
84 100
49 118.4 106.8 160.2
51 37.2 32.0 48.0
86 63.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.725 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

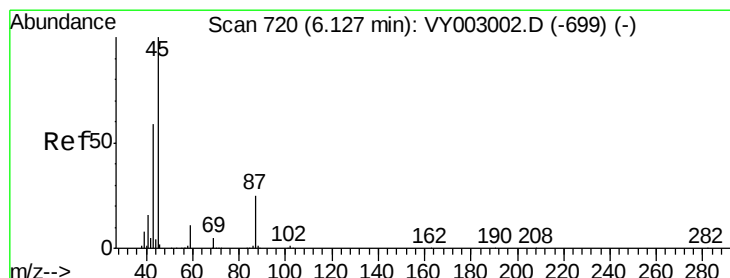
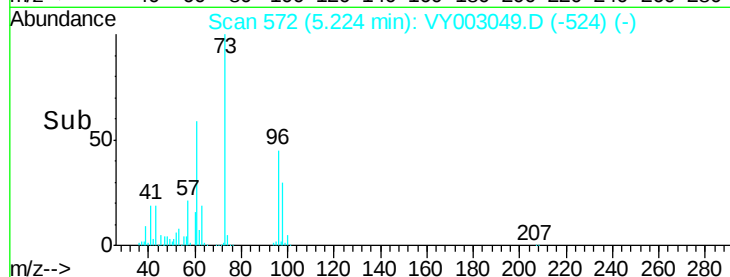
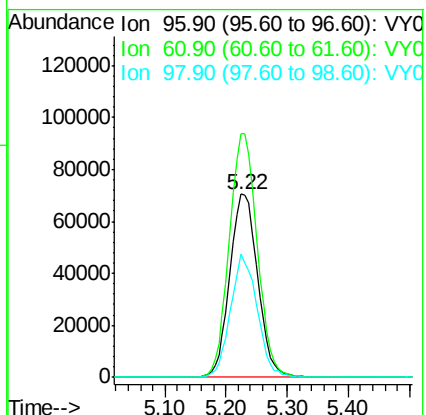
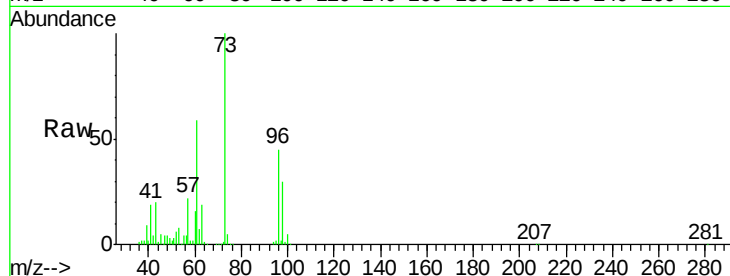
Tot Ion: 96 Resp: 221758

Ion Ratio Lower Upper

96 100

61 133.0 112.3 168.5

98 67.0 53.8 80.8



#22

Diisopropyl ether

Concen: 45.986 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Tgt Ion: 45 Resp: 692406

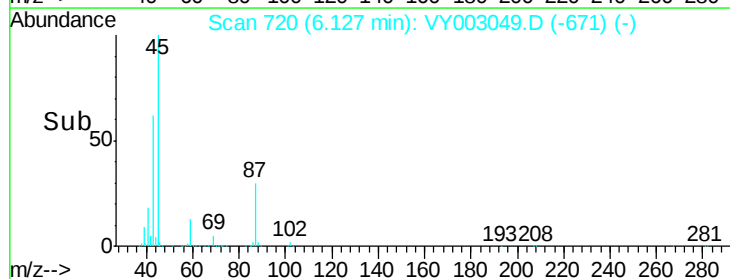
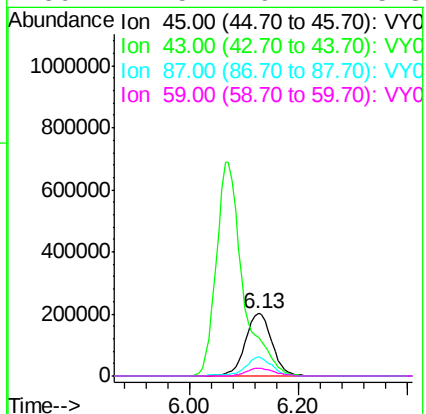
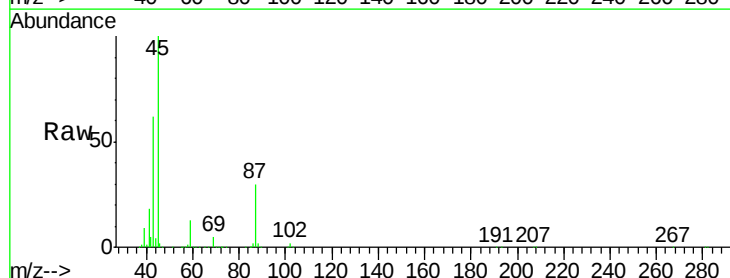
Ion Ratio Lower Upper

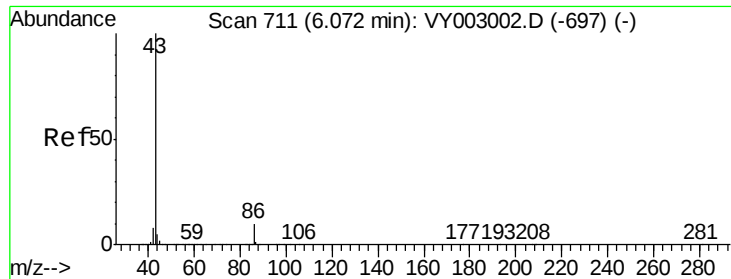
45 100

43 61.5 47.4 71.2

87 29.8 20.2 30.2

59 12.5 9.2 13.8





#23

Vinyl Acetate

Concen: 232.082 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

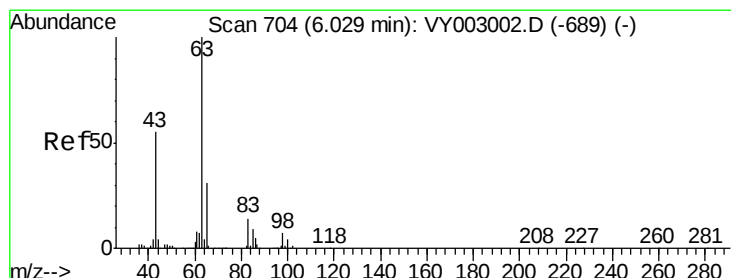
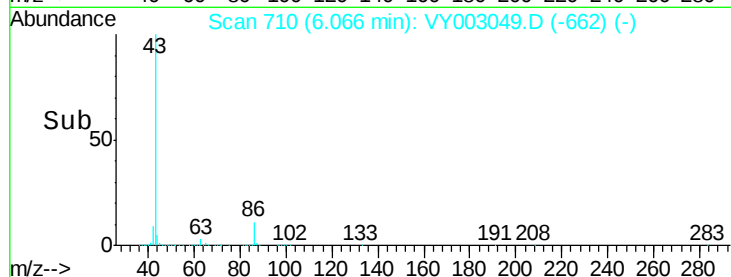
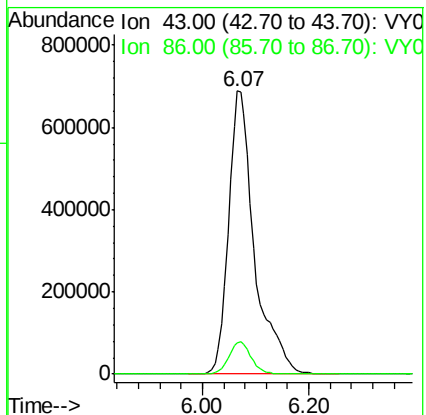
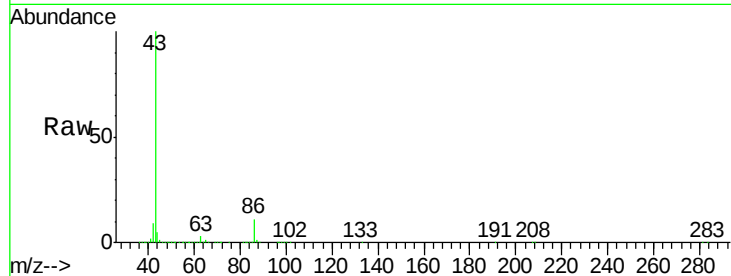
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 2336253

Ion Ratio Lower Upper

43 100

86 11.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 47.031 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

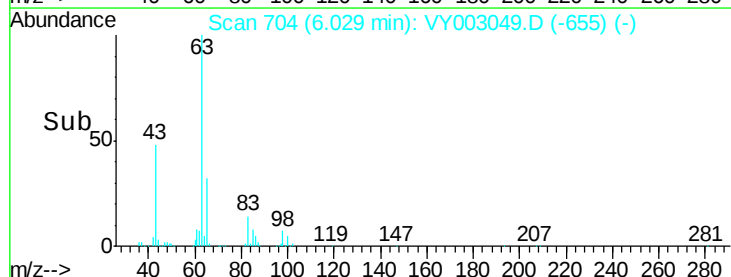
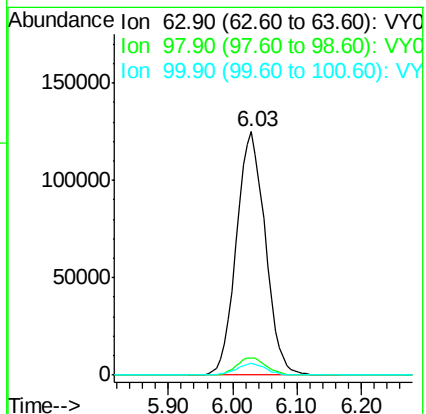
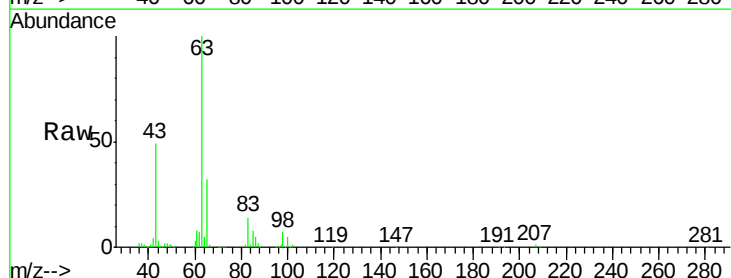
Tgt Ion: 63 Resp: 386825

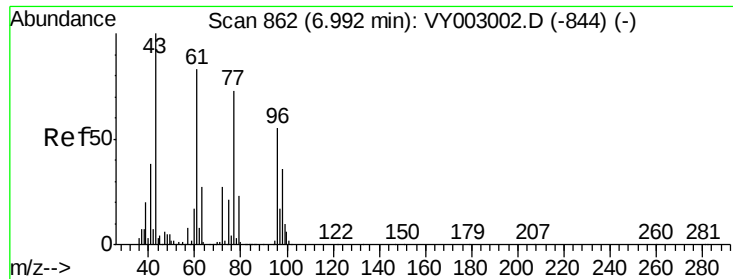
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 5.1 2.3 6.8

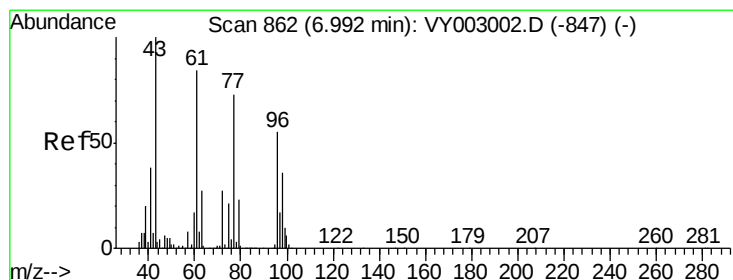
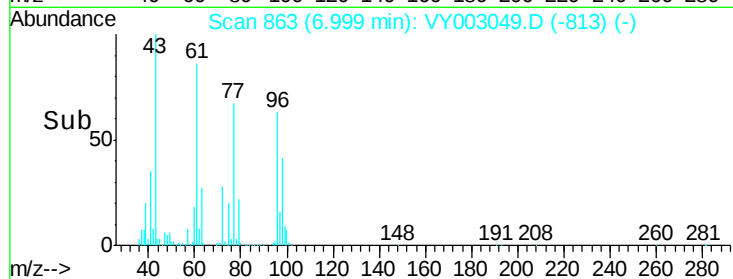
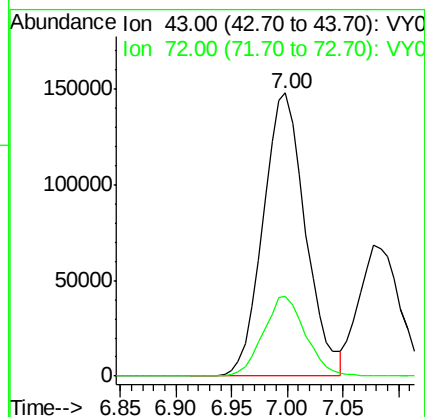
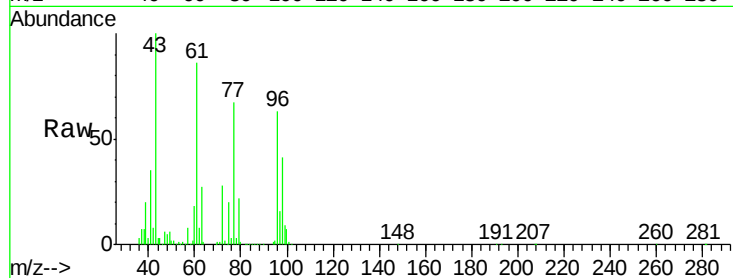




#25
2-Butanone
Concen: 227.544 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

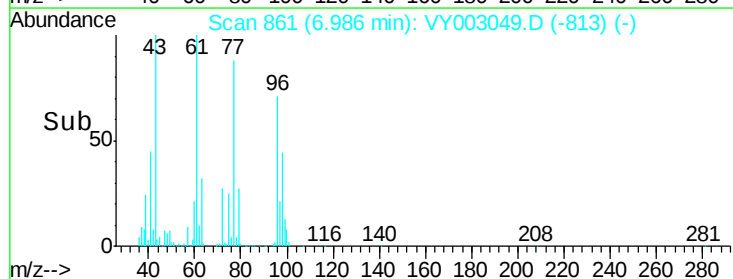
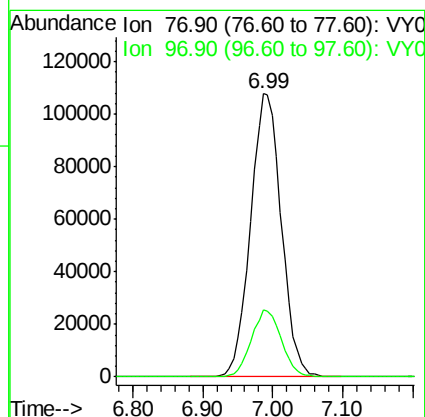
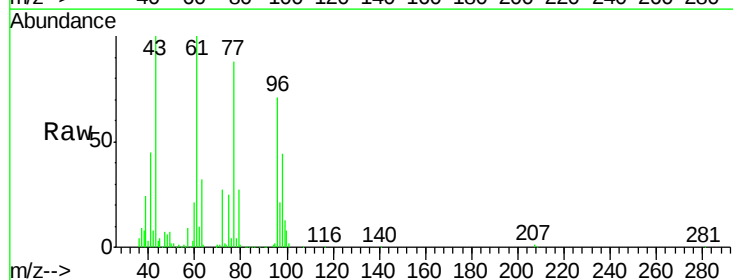
Instrument :
MSVOA_Y
ClientSampleId :

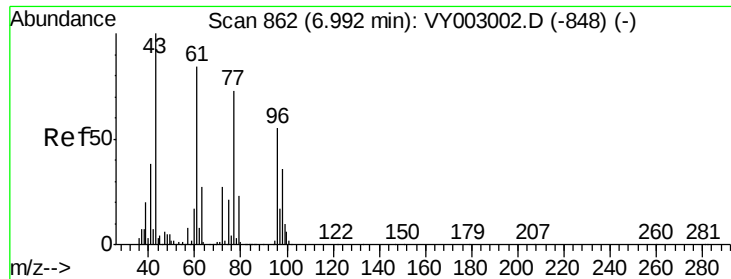
Tot Ion: 43 Resp: 392739
Ion Ratio Lower Upper
43 100
72 28.2 21.4 32.0



#26
2,2-Dichloropropane
Concen: 43.876 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion: 77 Resp: 327874
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.9



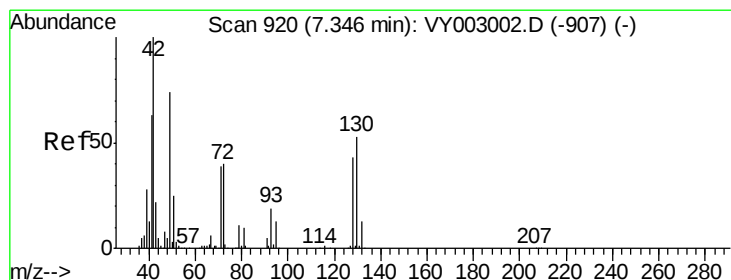
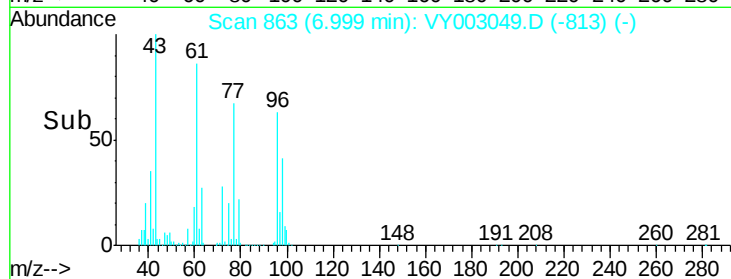
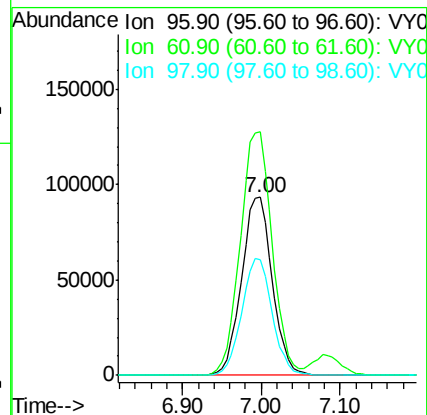
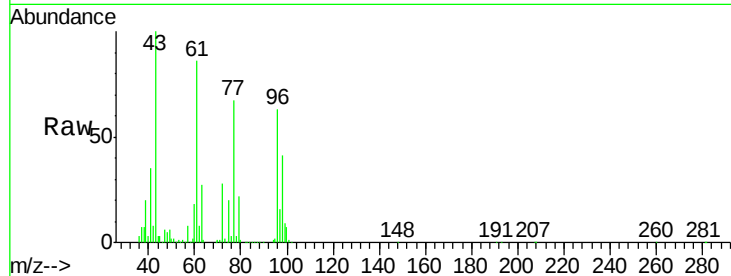


#27

cis-1,2-Dichloroethene
 Concen: 49.654 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Instrument :
 MSVOA_Y
 ClientSampleId :

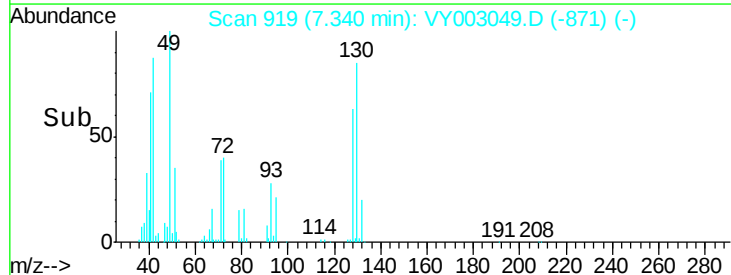
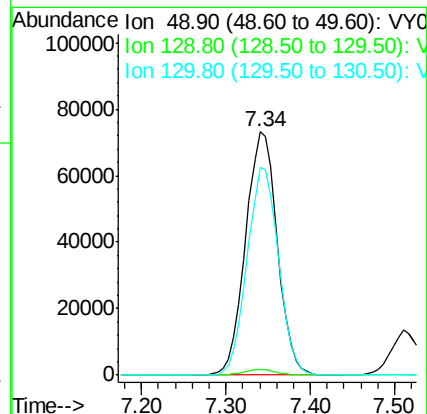
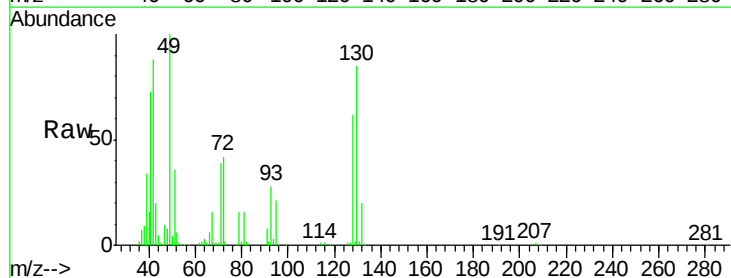
Tot Ion	96	Resp	253474
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	301.2
98	64.9	0.0	129.0

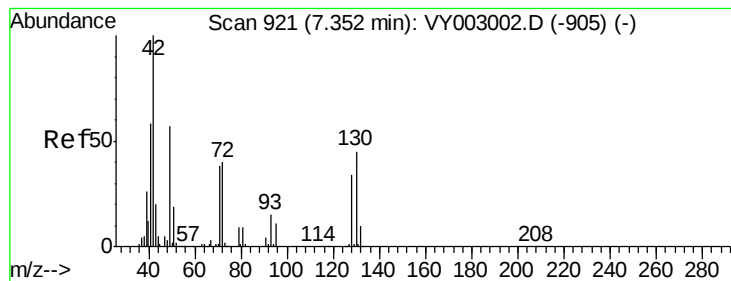


#28

Bromochloromethane
 Concen: 51.096 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Tgt Ion	49	Resp	186993
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	84.7	57.0	85.6





#29

Tetrahydrofuran

Concen: 228.217 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :
MSVOA_Y
ClientSampled :

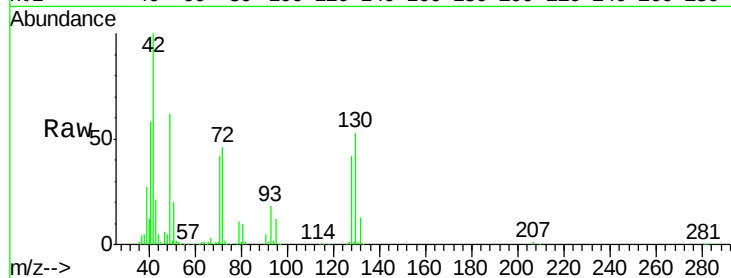
Tot Ion: 42 Resp: 261945

Ion Ratio Lower Upper

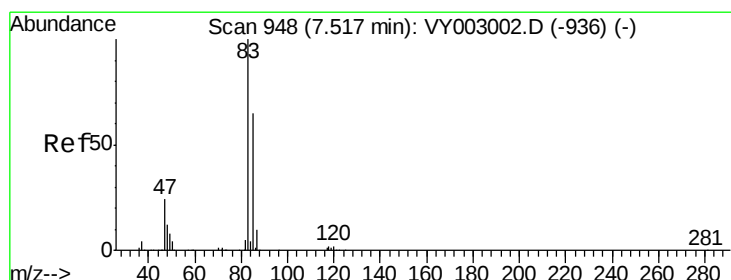
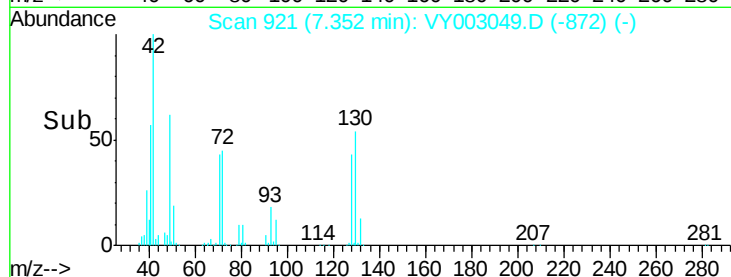
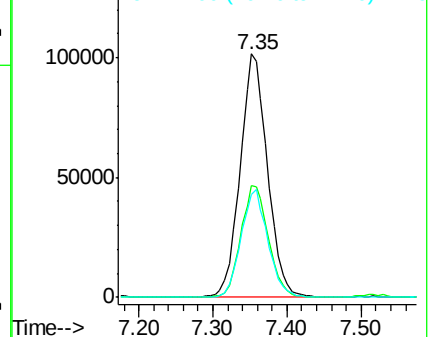
42 100

72 46.3 32.9 49.3

71 43.3 31.2 46.8



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



#30

Chloroform

Concen: 49.263 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003049.D

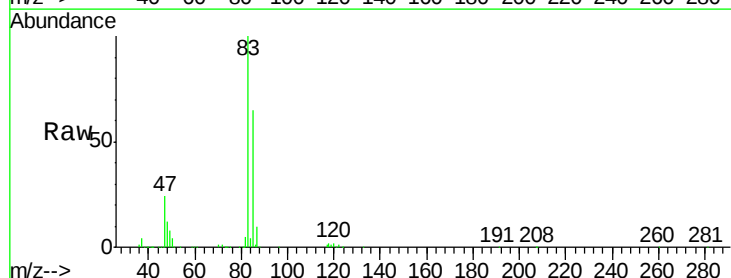
Acq: 30 Jun 2020 20:53

Tgt Ion: 83 Resp: 401410

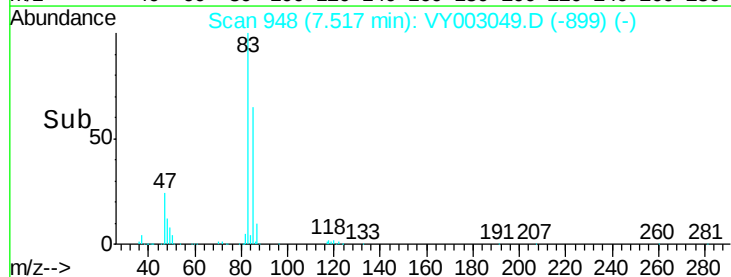
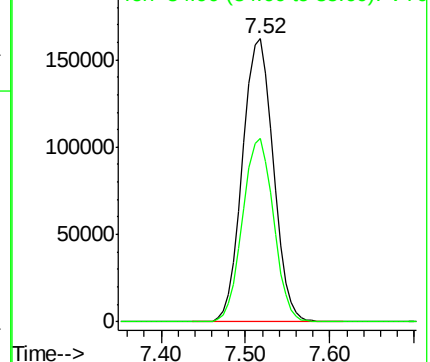
Ion Ratio Lower Upper

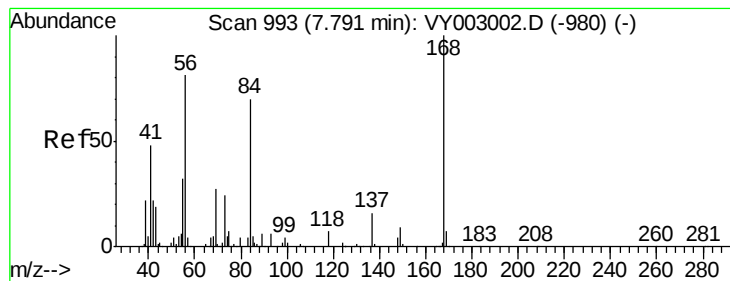
83 100

85 65.1 51.7 77.5



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





#31

Cyclohexane

Concen: 41.519 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :
MSVOA_Y
ClientSampleId :

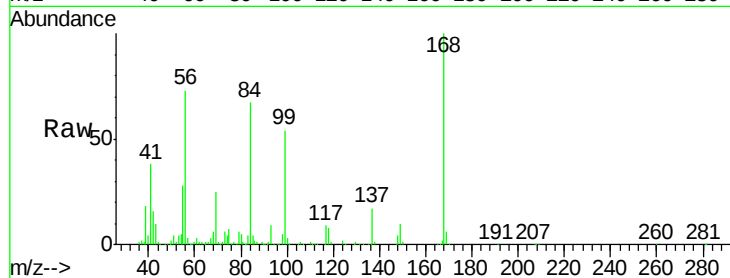
Tot Ion: 56 Resp: 336412

Ion Ratio Lower Upper

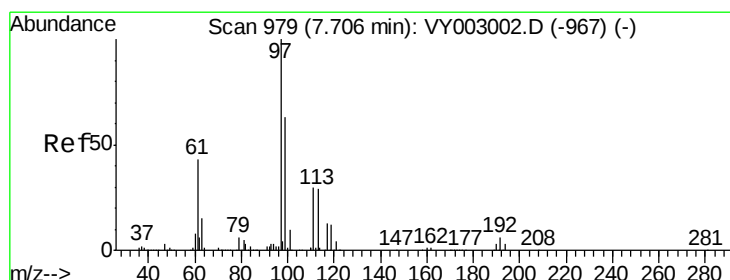
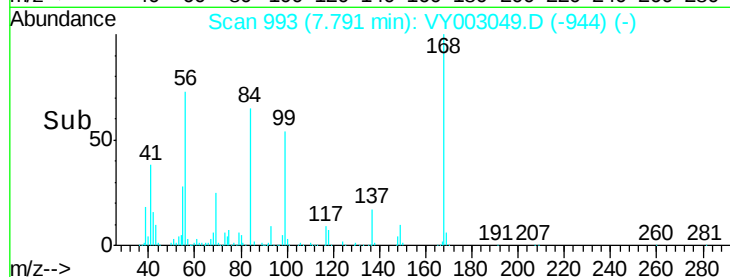
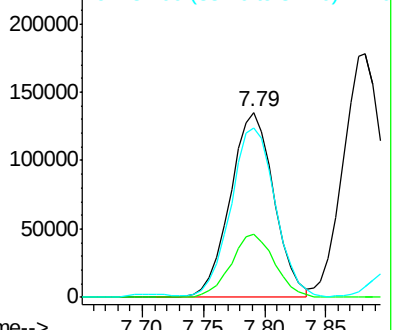
56 100

69 34.0 27.0 40.4

84 90.0 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: 47.897 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

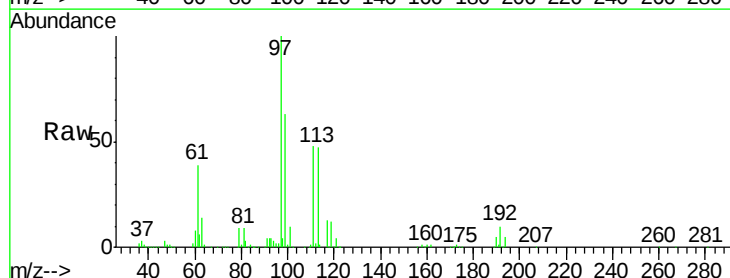
Tgt Ion: 97 Resp: 356243

Ion Ratio Lower Upper

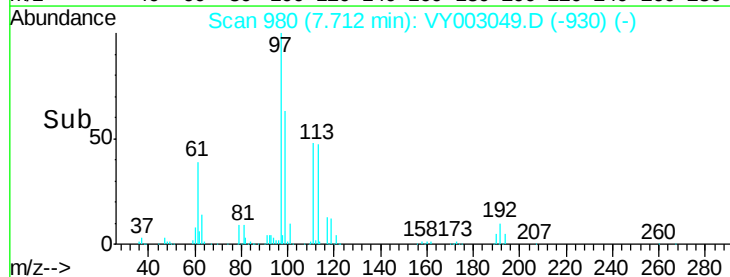
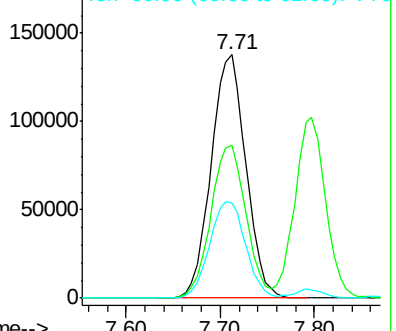
97 100

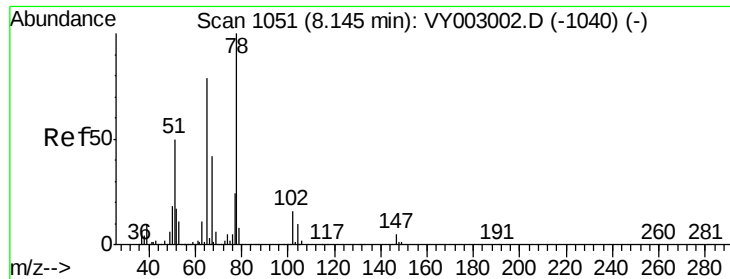
99 63.4 51.4 77.2

61 41.0 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

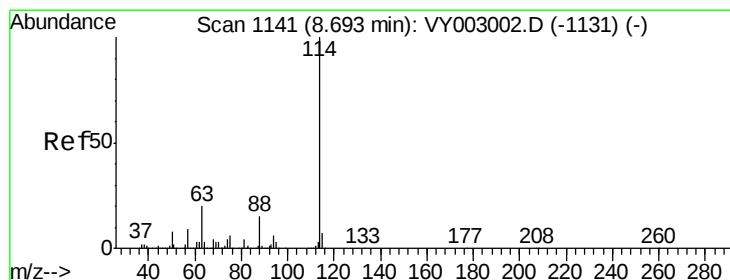
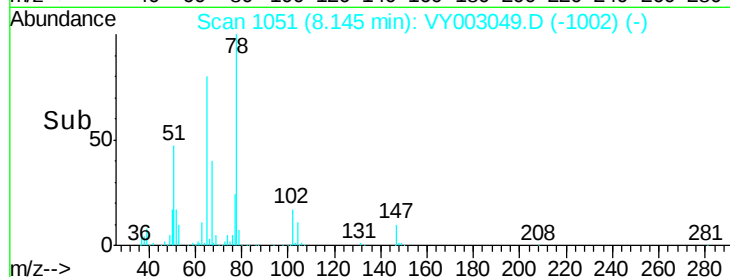
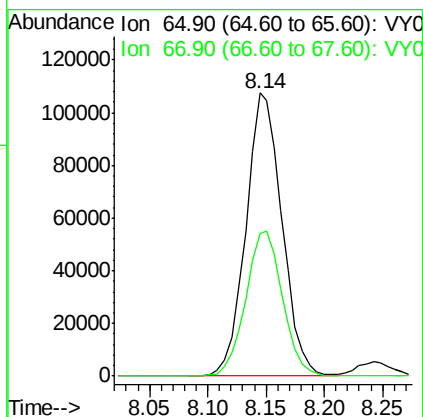
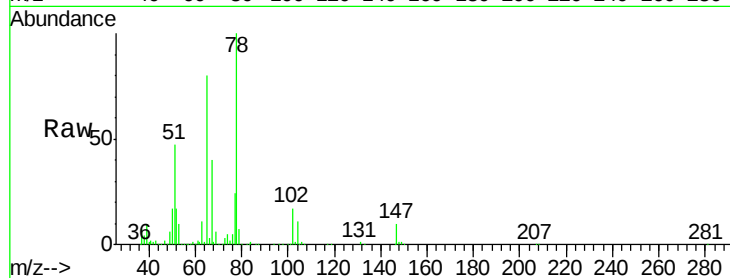




#33
 1,2-Dichloroethane-d4
 Concen: 50.376 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

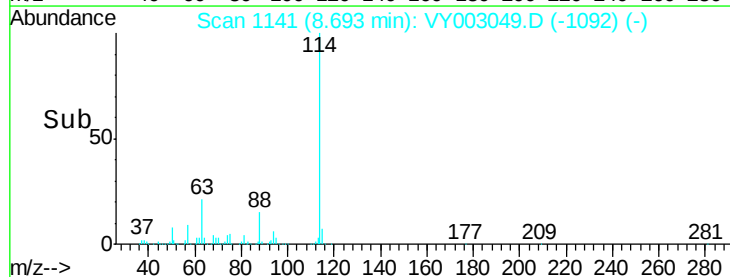
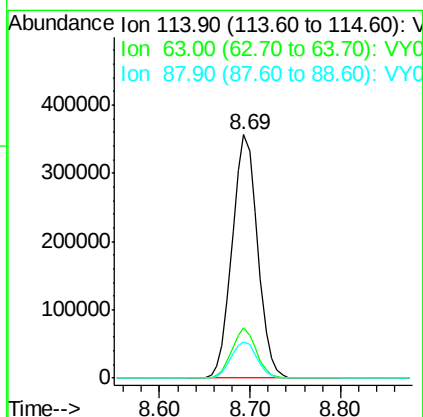
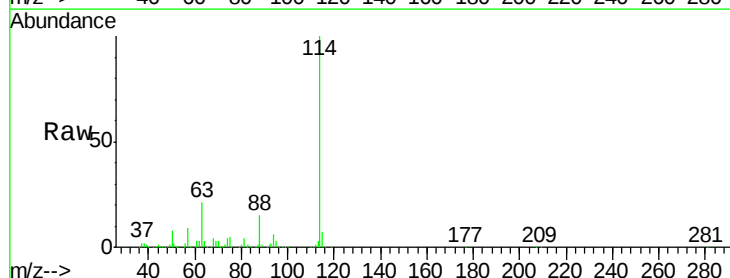
Instrument :
 MSVOA_Y
 ClientSampleId :

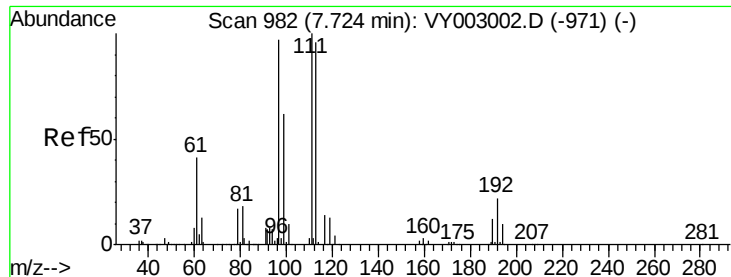
Tot Ion: 65 Resp: 232081
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Tgt Ion: 114 Resp: 694352
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.6
 88 14.7 0.0 30.0

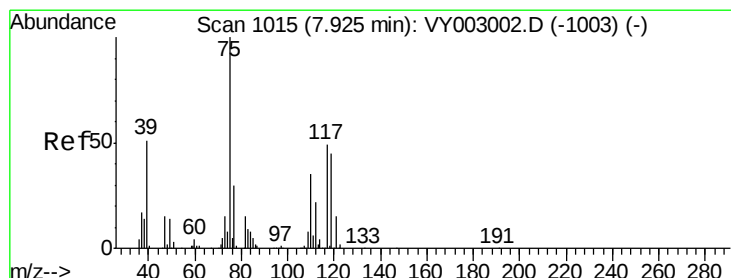
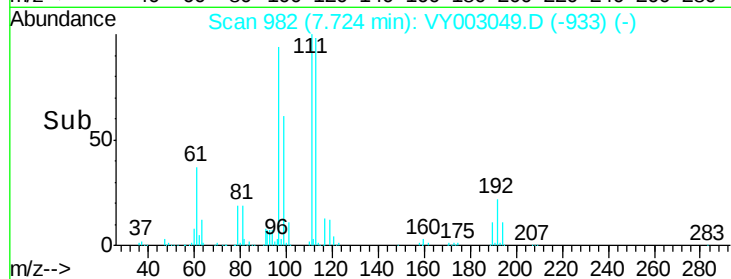
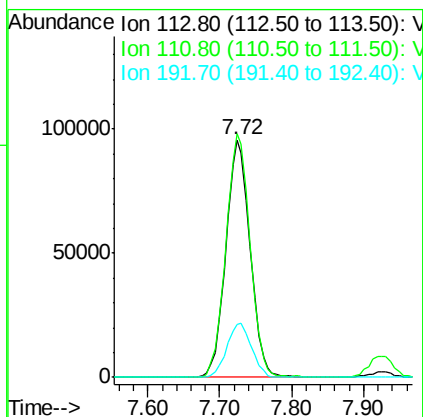
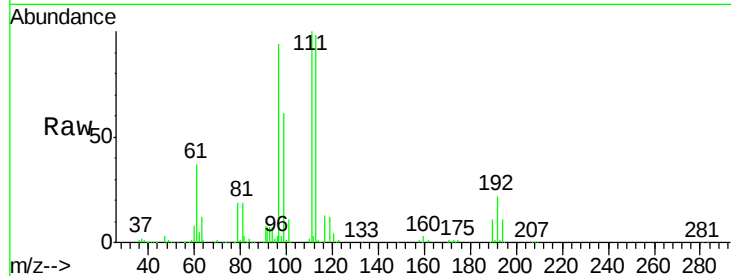




#35
 Dibromofluoromethane
 Concen: 51.615 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

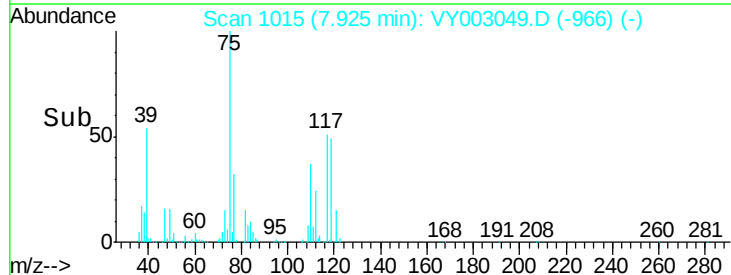
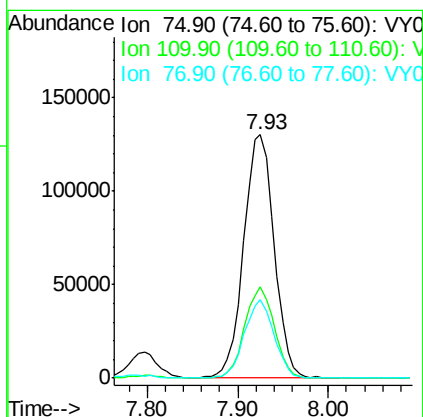
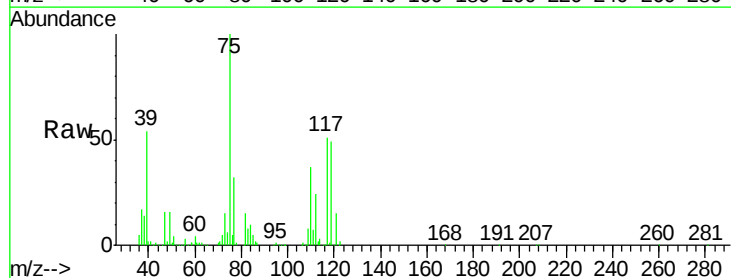
Instrument :
 MSVOA_Y
 ClientSampled :

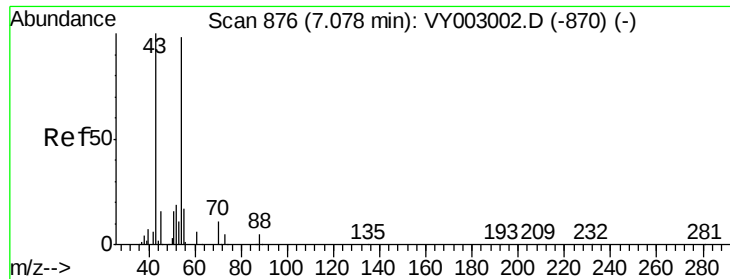
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	23.2	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 45.216 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.1	51.2
77	31.4	24.9	37.3

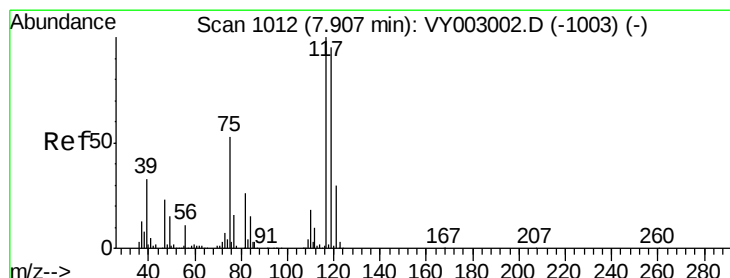
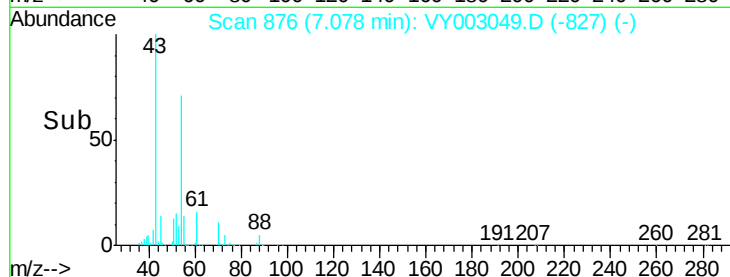
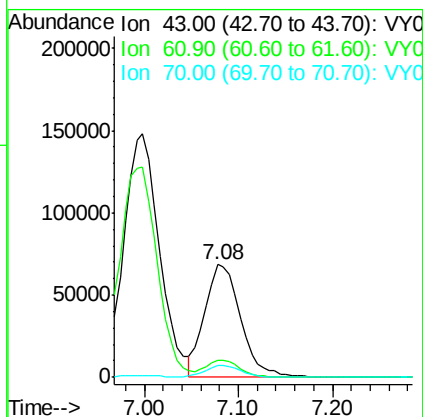
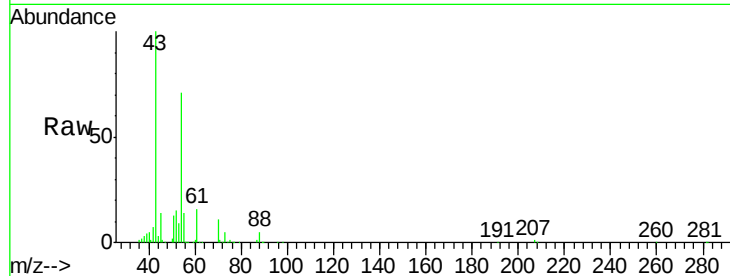




#37
Ethyl Acetate
Concen: 45.002 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

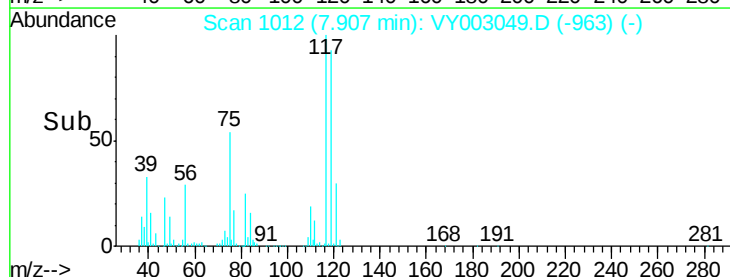
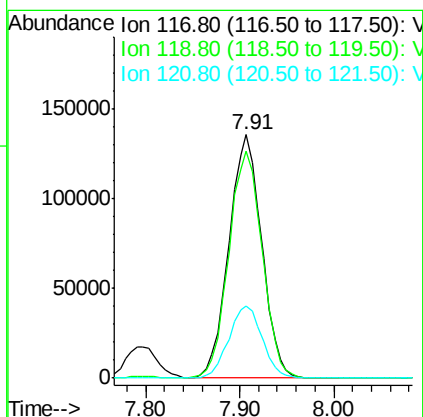
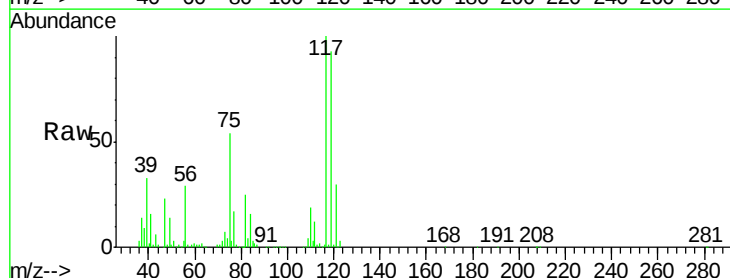
Instrument :
MSVOA_Y
ClientSampleId :

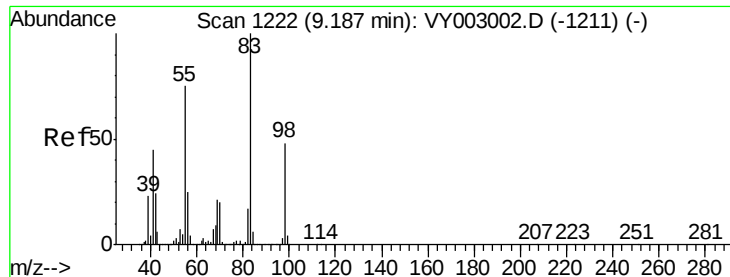
Tot Ion: 43 Resp: 180971
Ion Ratio Lower Upper
43 100
61 14.3 10.4 15.6
70 10.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 47.052 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion: 117 Resp: 327424
Ion Ratio Lower Upper
117 100
119 92.9 75.7 113.5
121 29.8 23.9 35.9

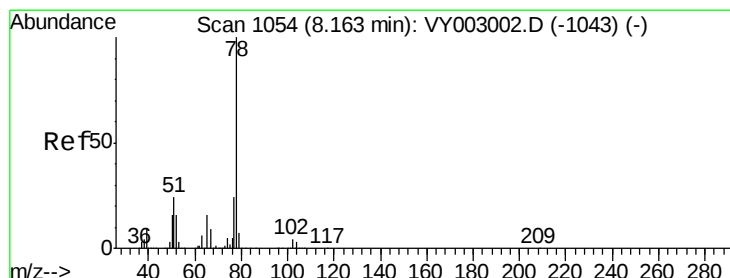
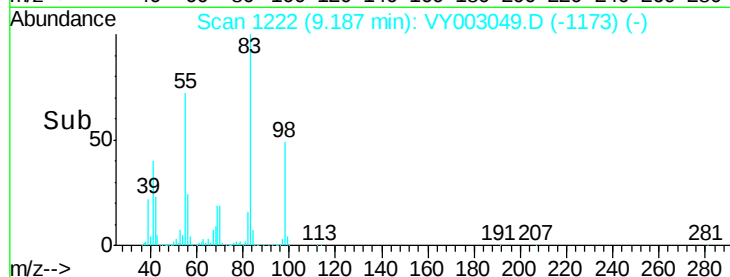
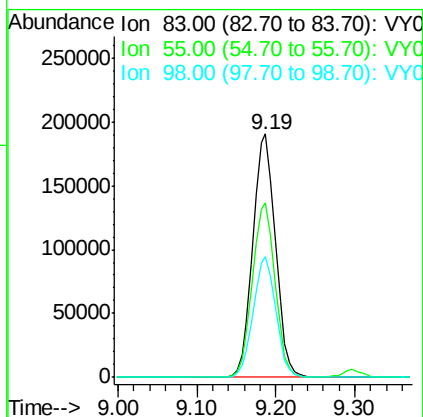
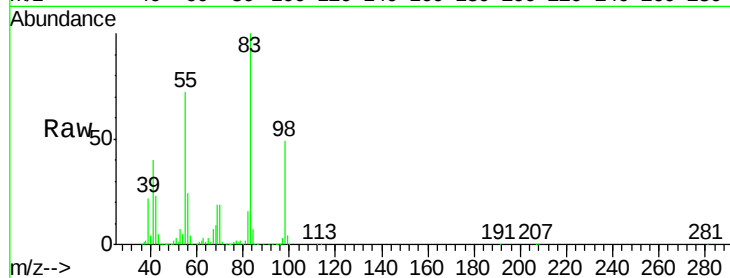




#39
Methvlcvclohexane
Concen: 46.052 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

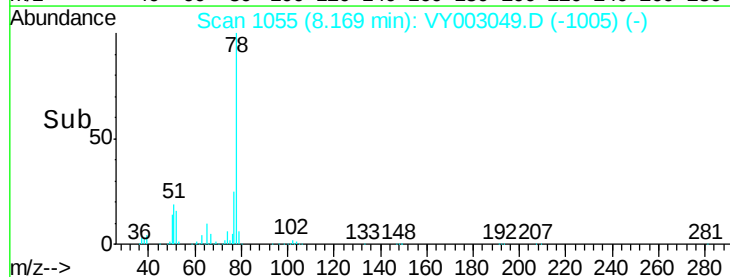
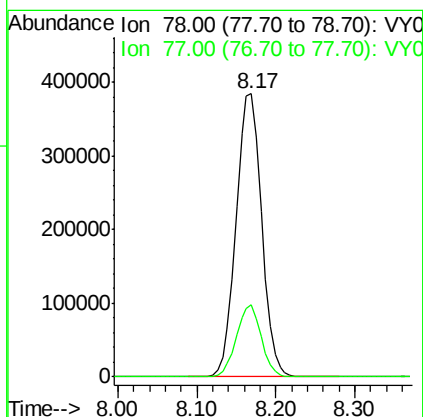
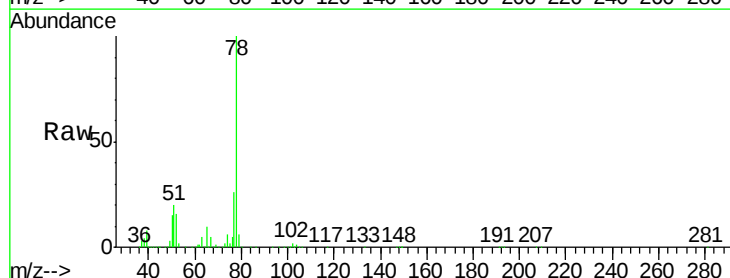
Instrument :
MSVOA_Y
ClientSampleId :

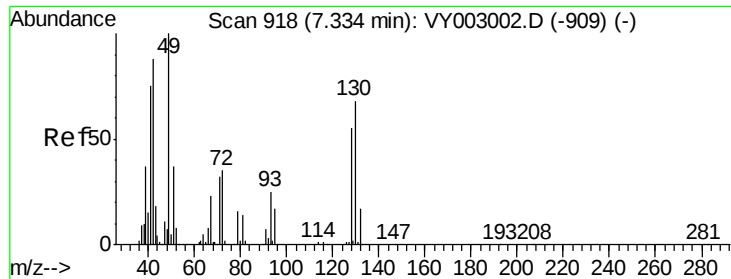
Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	59.9	89.9
98	49.5	38.7	58.1



#40
Benzene
Concen: 47.392 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.2	28.8

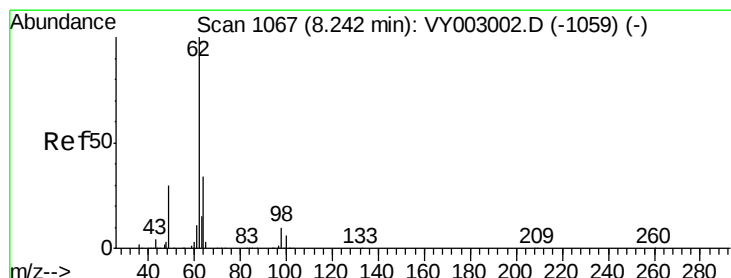
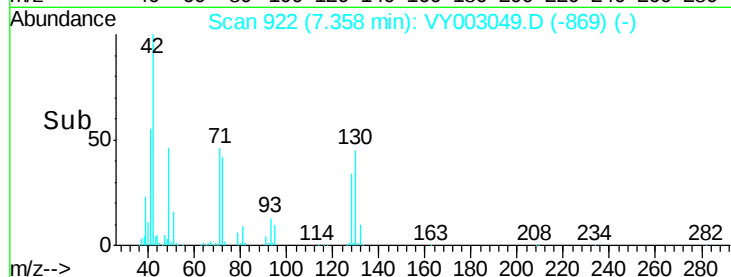
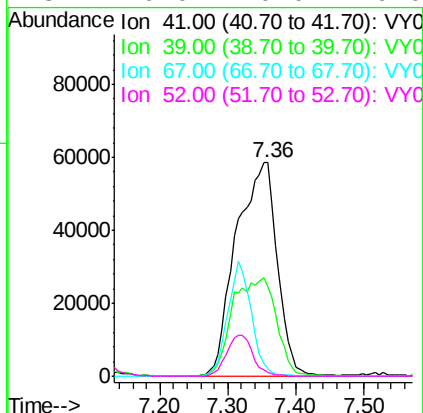
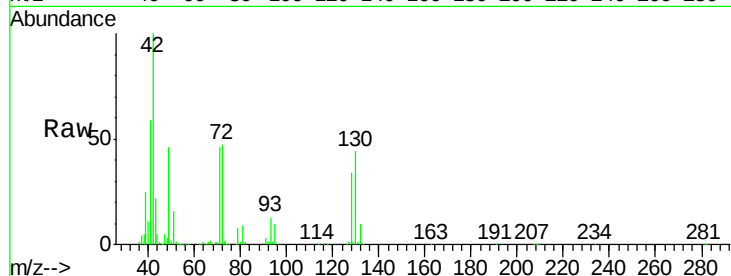




#41
Methacrylonitrile
Concen: 114.243 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

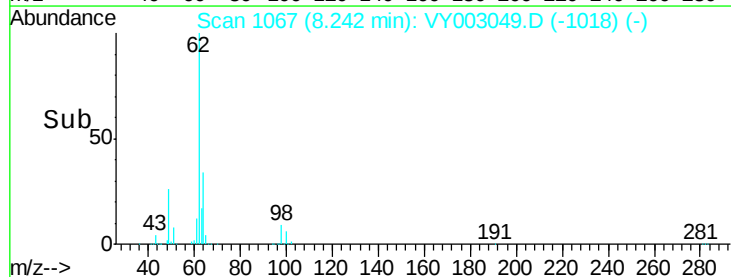
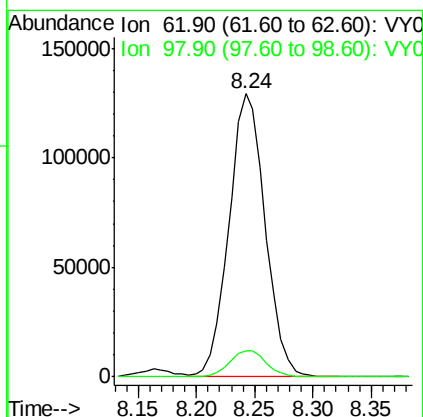
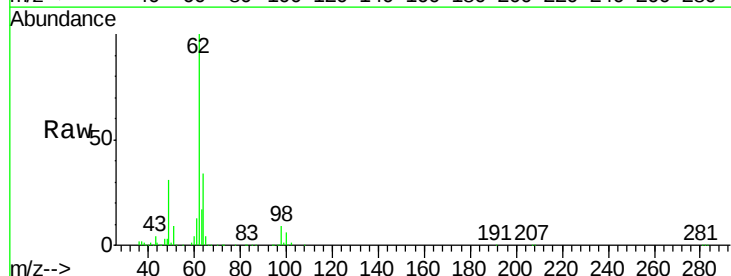
Instrument :
MSVOA_Y
ClientSampled :

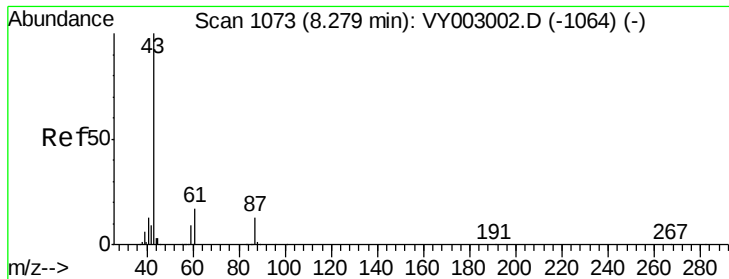
Tot Ion:	41	Resp:	245409
Ion	Ratio	Lower	Upper
41	100		
39	49.5	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.213 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion:	62	Resp:	279285
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 46.642 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

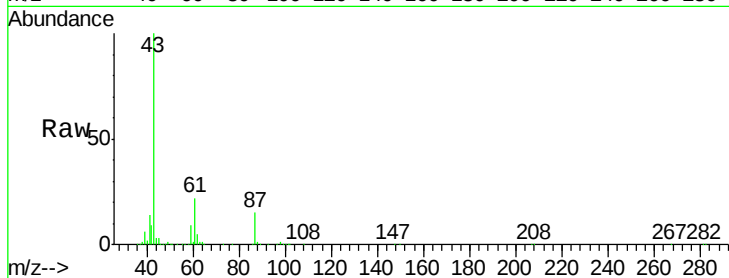
Tot Ion: 43 Resp: 356572

Ion Ratio Lower Upper

43 100

61 30.0 21.8 32.6

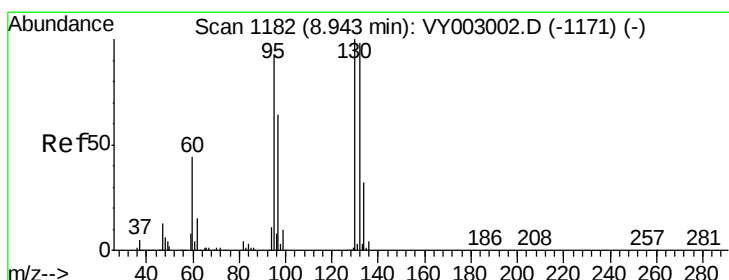
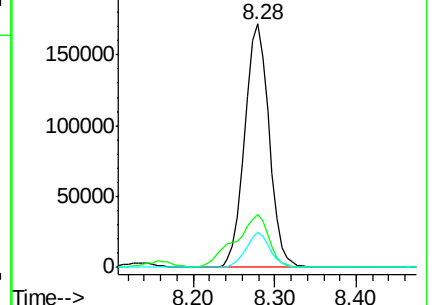
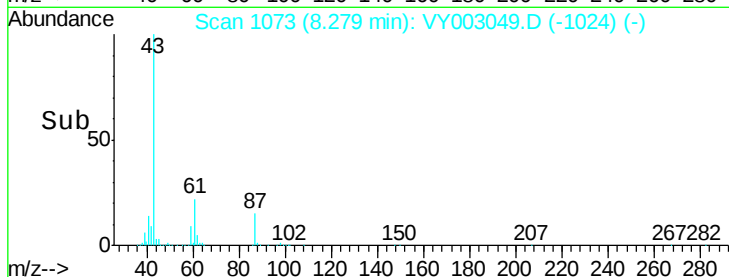
87 13.9 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003002.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003002.D (-1064) (-)



#44

Trichloroethene

Concen: 49.502 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003049.D

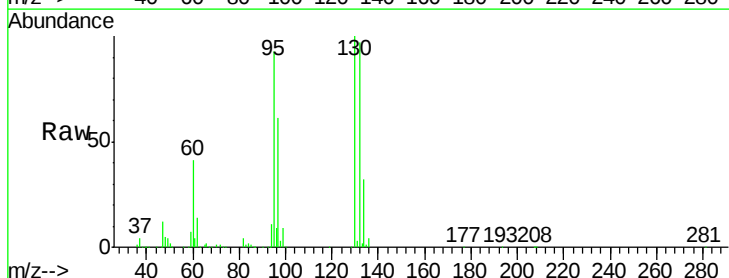
Acq: 30 Jun 2020 20:53

Tgt Ion: 130 Resp: 263454

Ion Ratio Lower Upper

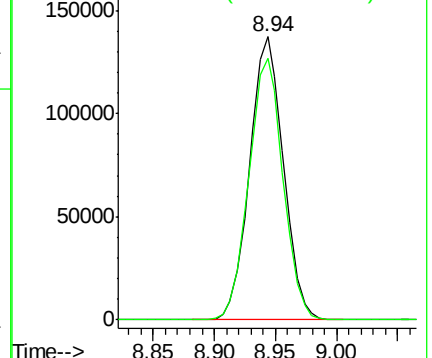
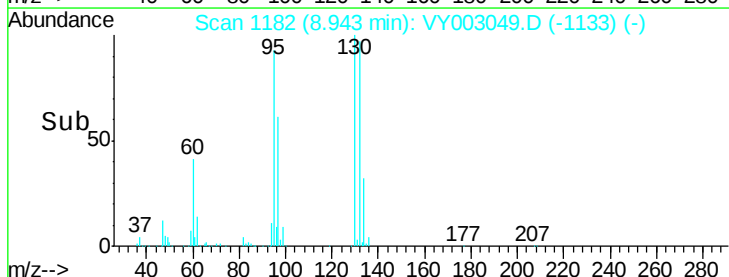
130 100

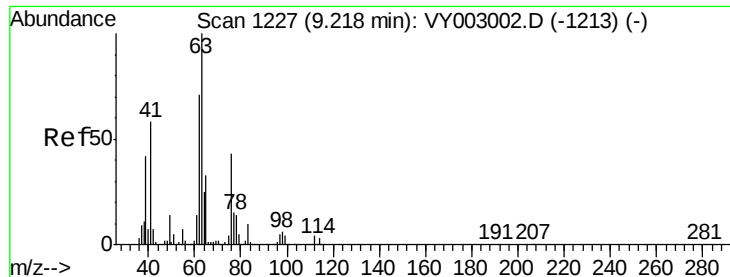
95 92.6 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003002.D (-1171) (-)

Ion 94.90 (94.60 to 95.60): VY003002.D (-1171) (-)





#45

1,2-Dichloropropane

Concen: 46.469 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

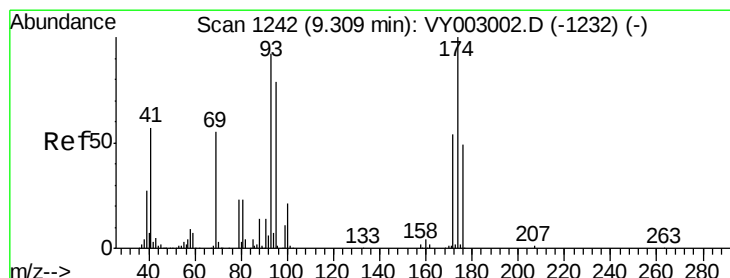
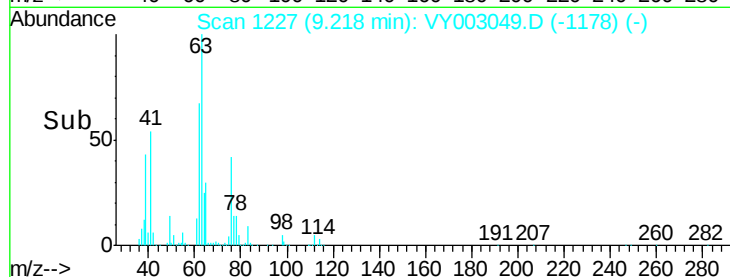
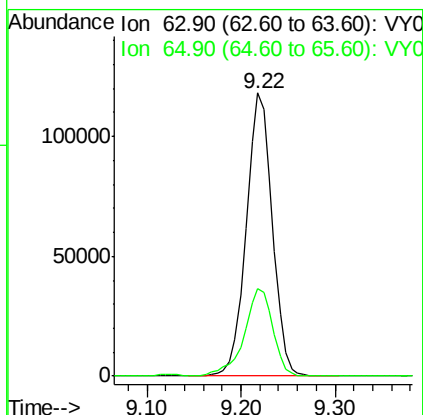
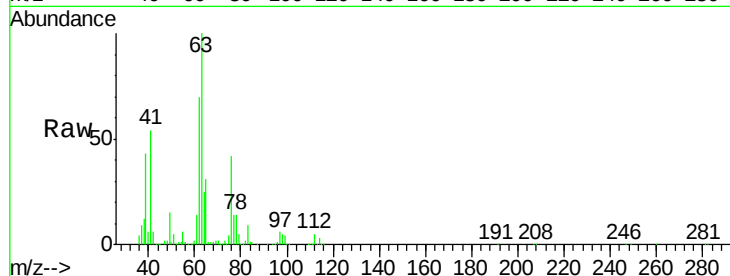
ClientSampleId :

Tot Ion: 63 Resp: 228918

Ion Ratio Lower Upper

63 100

65 30.9 26.2 39.4



#46

Dibromomethane

Concen: 50.488 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

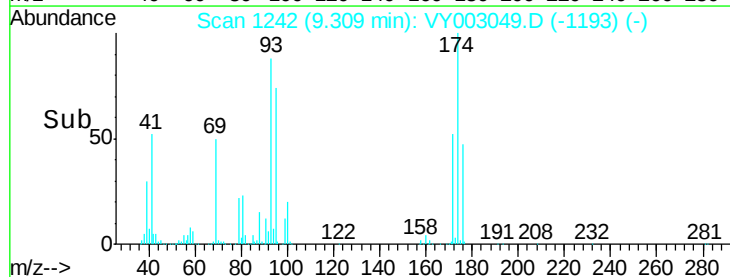
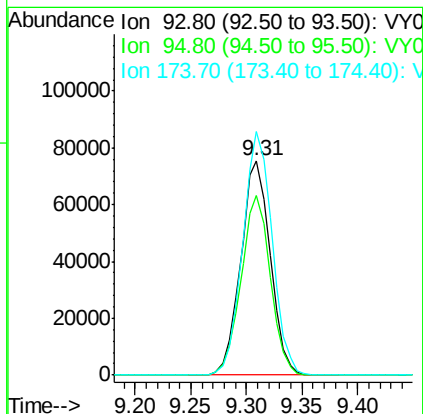
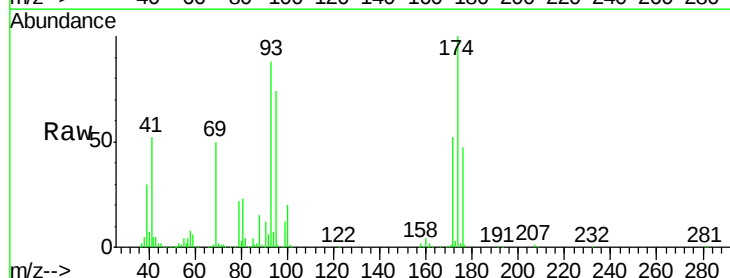
Tgt Ion: 93 Resp: 138911

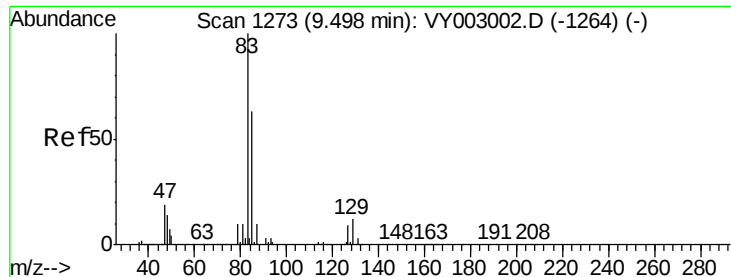
Ion Ratio Lower Upper

93 100

95 82.9 67.6 101.4

174 113.3 88.3 132.5





#47

Bromodichloromethane

Concen: 48.993 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :
MSVOA_Y
ClientSampleId :

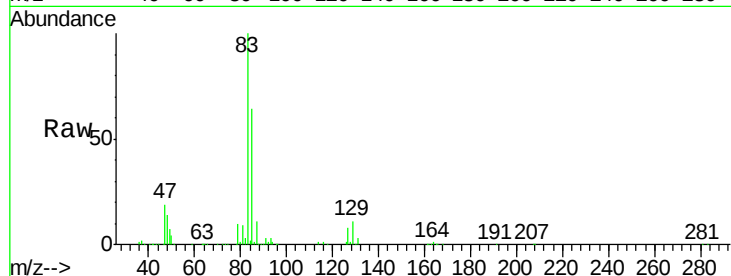
Tot Ion: 83 Resp: 330075

Ion Ratio Lower Upper

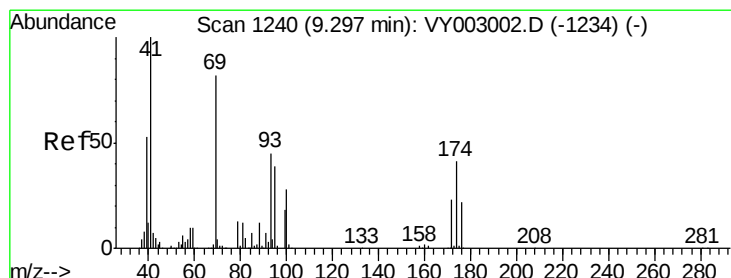
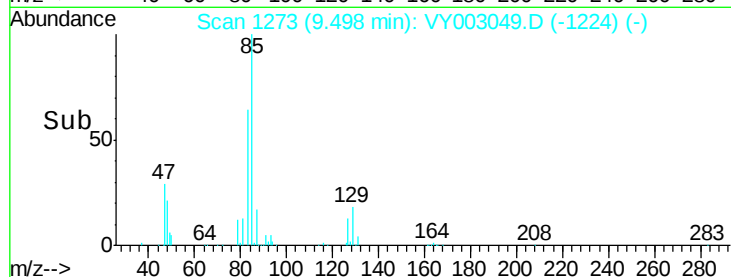
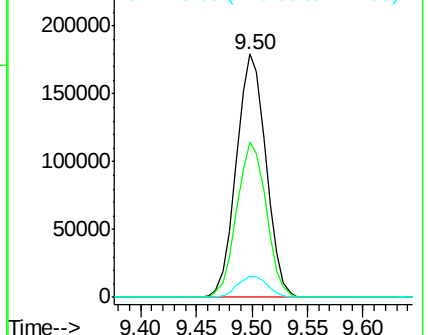
83 100

85 63.5 50.5 75.7

127 8.4 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: 45.705 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

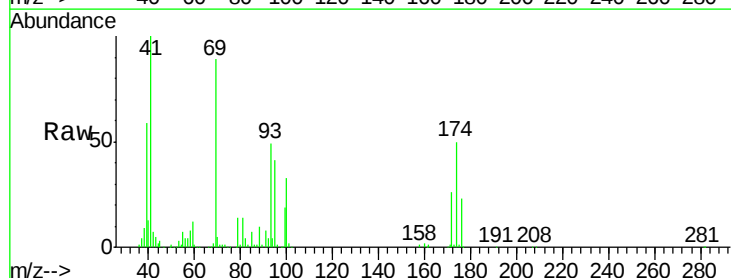
Tgt Ion: 41 Resp: 159040

Ion Ratio Lower Upper

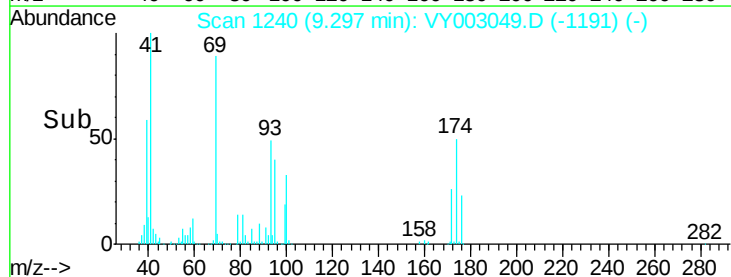
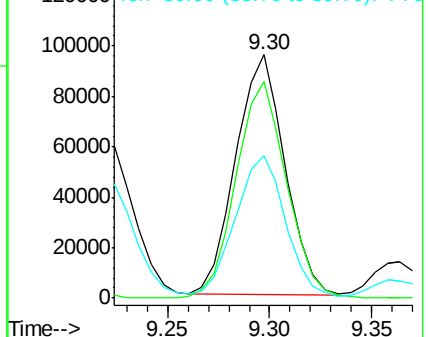
41 100

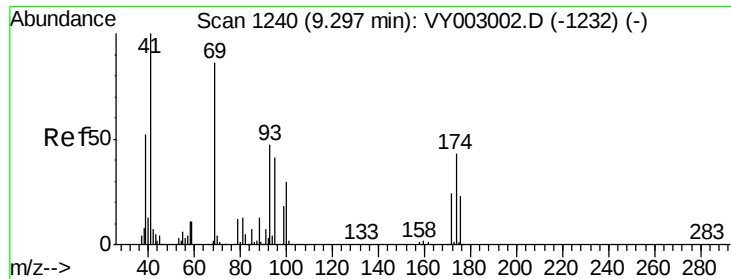
69 92.7 67.7 101.5

39 61.0 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

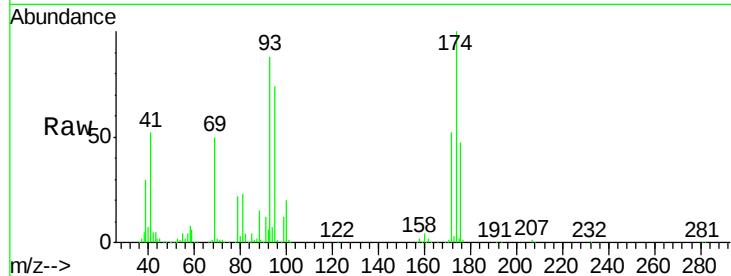




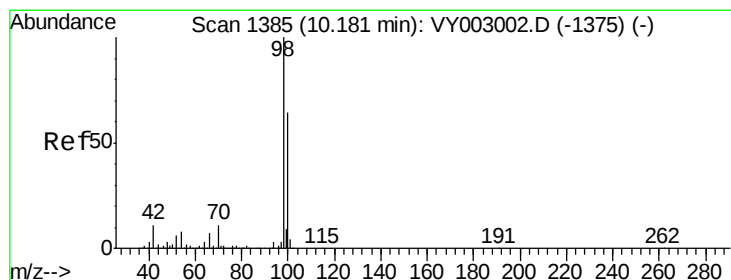
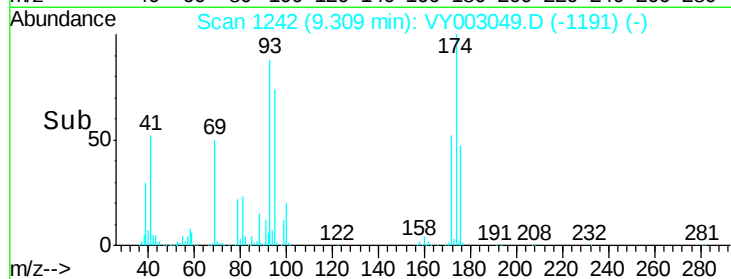
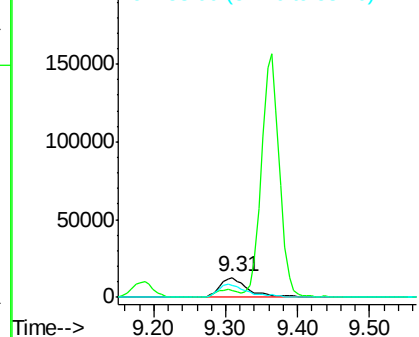
#49
1,4-Dioxane
Concen: 1077.346 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 36184
Ion Ratio Lower Upper
88 100
43 27.8 28.6 42.8#
58 67.9 56.7 85.1

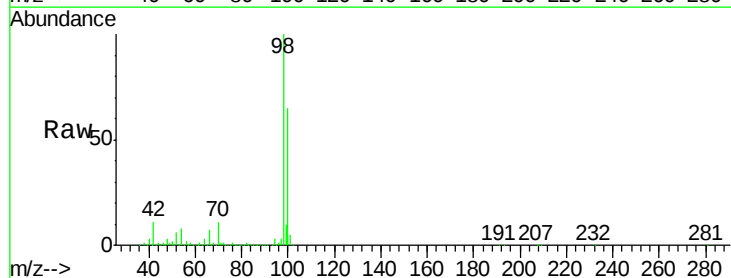


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

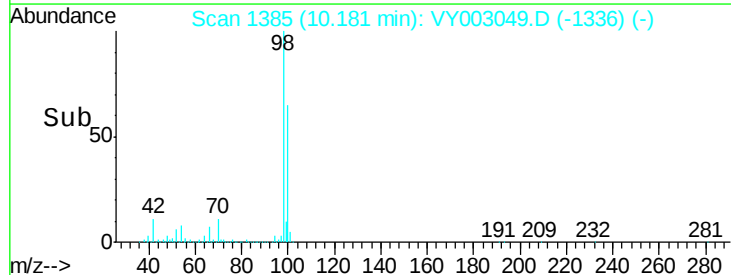
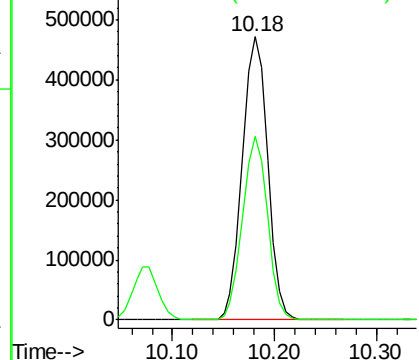


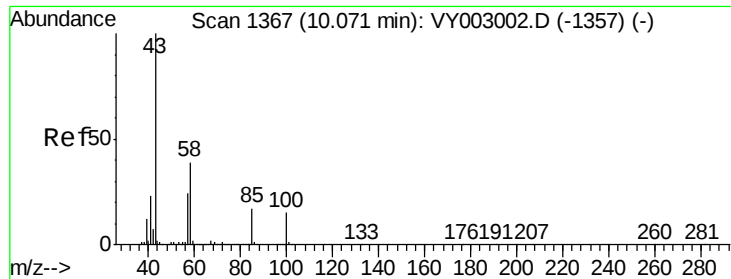
#50
Toluene-d8
Concen: 50.383 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion: 98 Resp: 813013
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



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

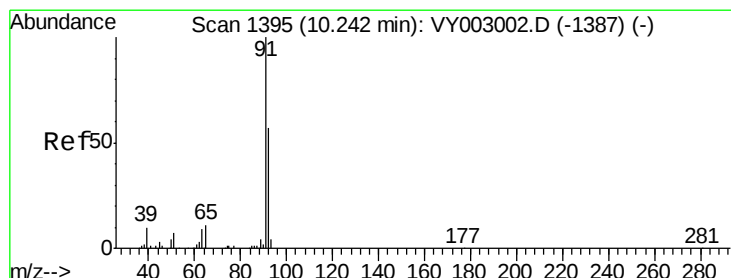
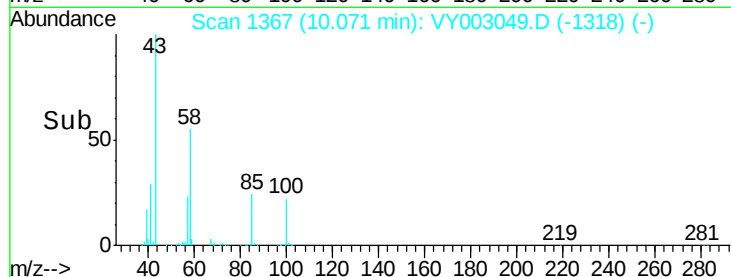
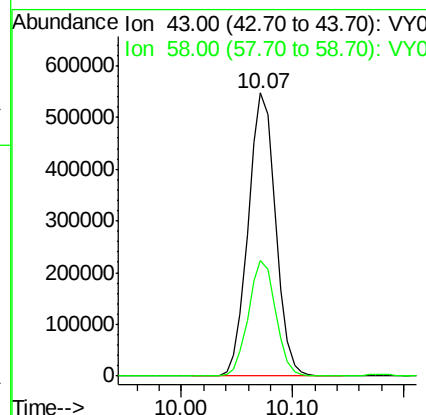
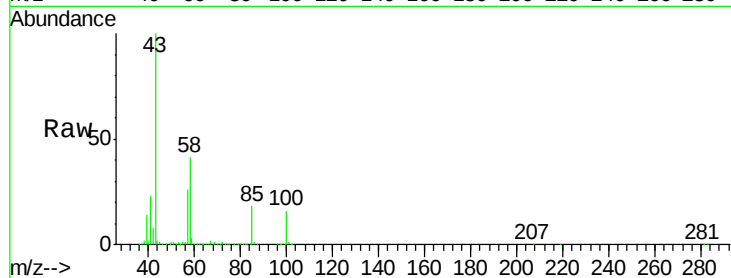




#51
4-Methyl-2-Pentanone
Concen: 236.118 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

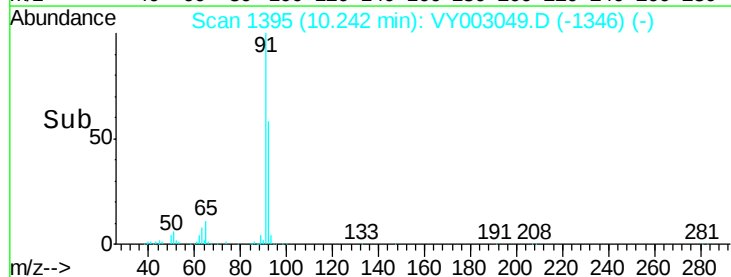
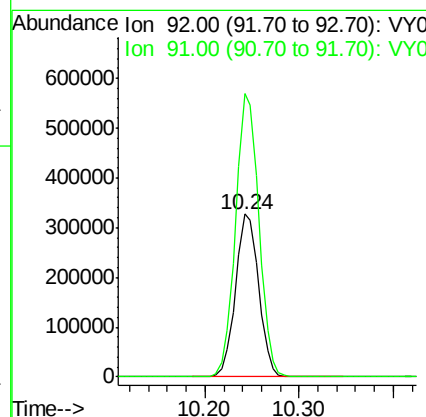
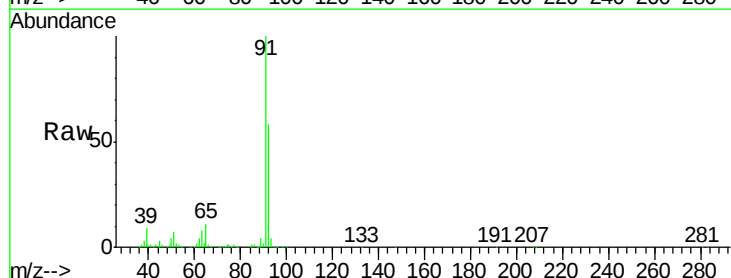
Instrument :
MSVOA_Y
ClientSampled :

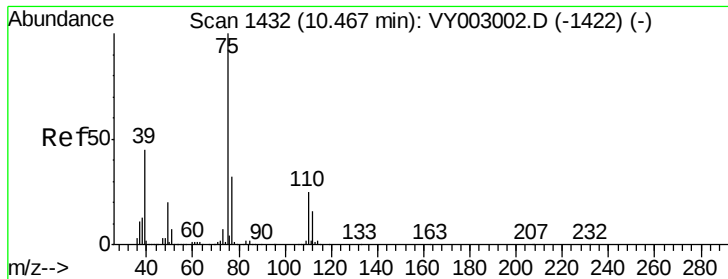
Tot Ion: 43 Resp: 932964
Ion Ratio Lower Upper
43 100
58 40.7 31.1 46.7



#52
Toluene
Concen: 48.425 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion: 92 Resp: 558183
Ion Ratio Lower Upper
92 100
91 174.6 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 48.769 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

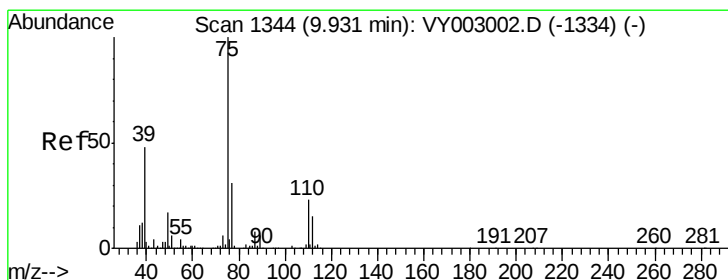
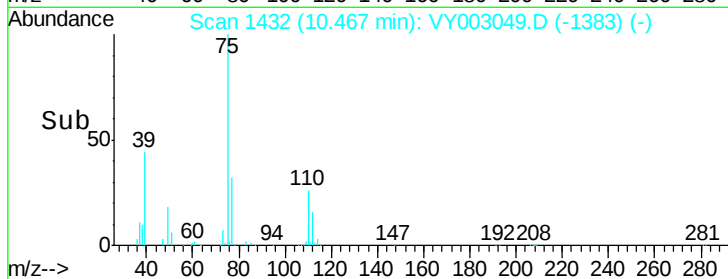
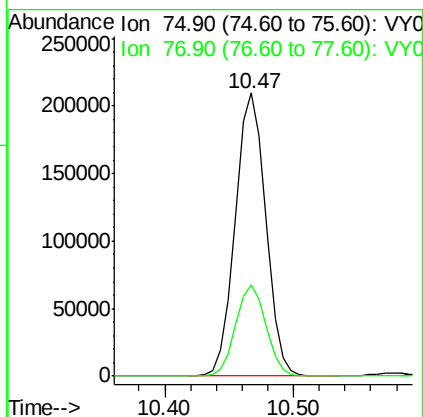
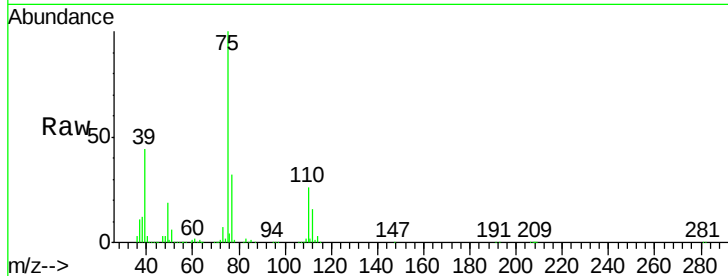
ClientSampleId :

Tot Ion: 75 Resp: 344475

Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 47.944 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

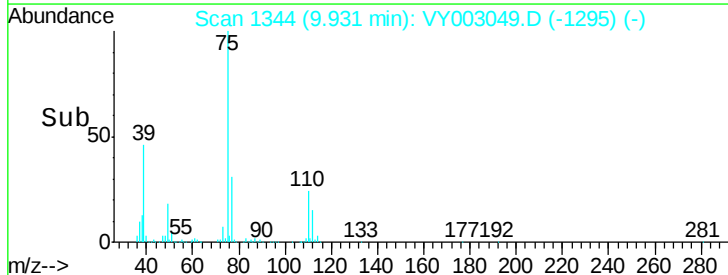
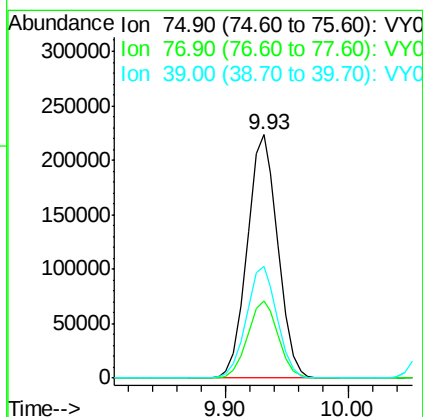
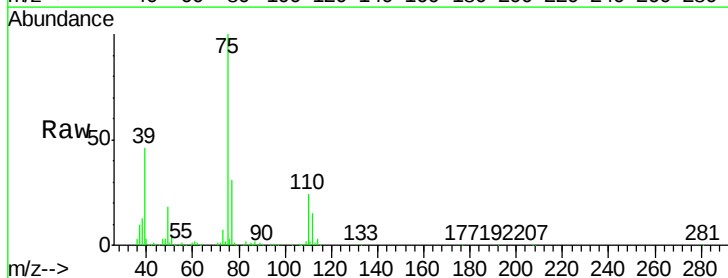
Tgt Ion: 75 Resp: 387297

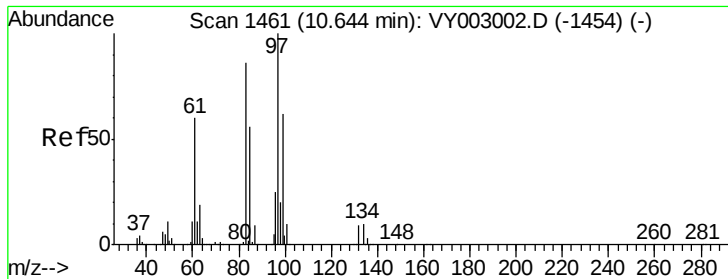
Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 45.8 38.3 57.5

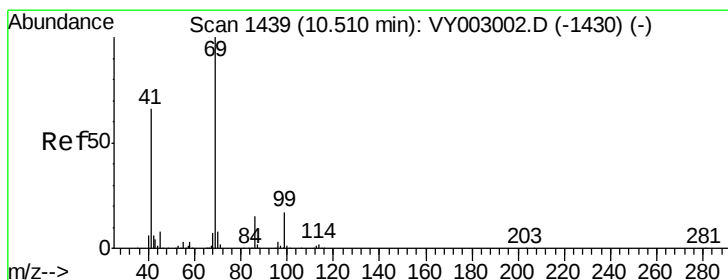
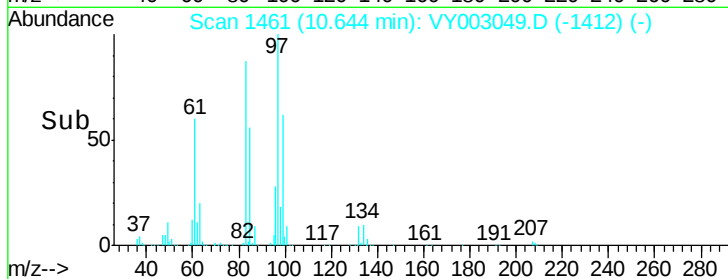
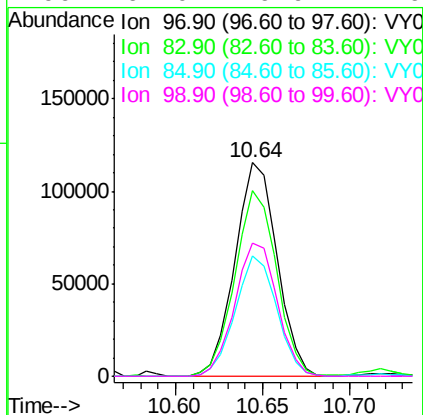
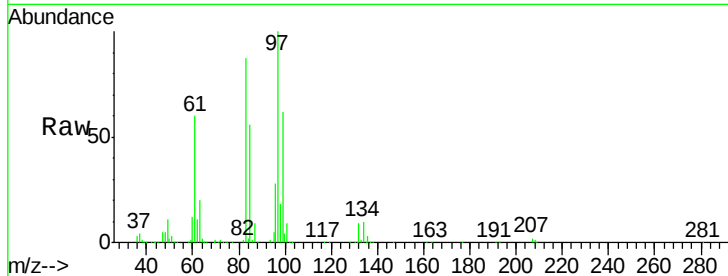




#55
 1,1,2-Trichloroethane
 Concen: 50.756 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

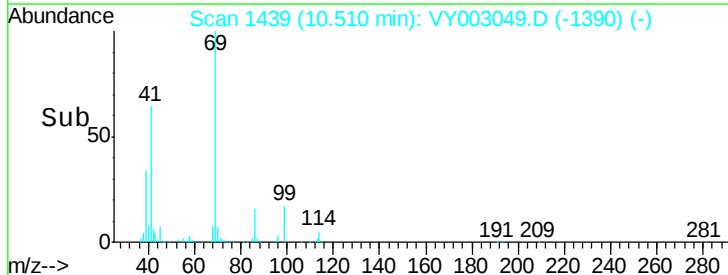
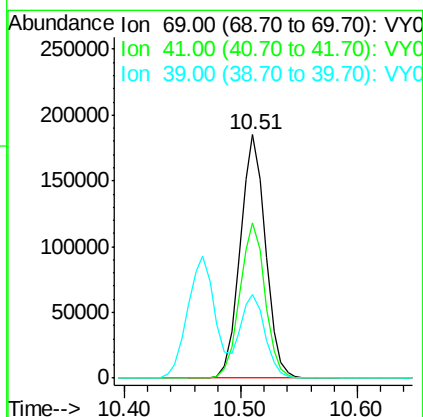
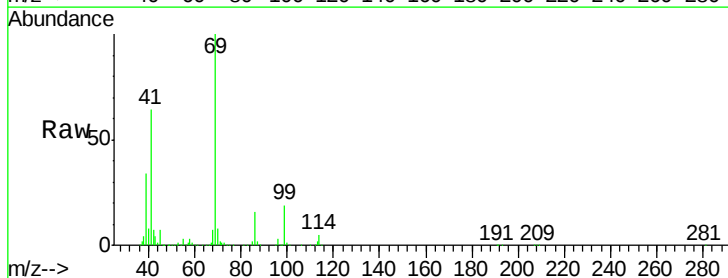
Instrument :
 MSVOA_Y
 ClientSampleId :

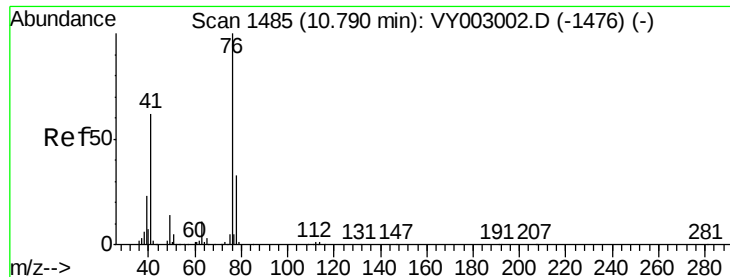
Tot Ion:	97	Resp:	194056
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.0	103.6
85	56.2	44.8	67.2
99	62.0	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 50.682 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Tgt Ion:	69	Resp:	280499
Ion	Ratio	Lower	Upper
69	100		
41	63.4	53.7	80.5
39	33.0	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.770 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

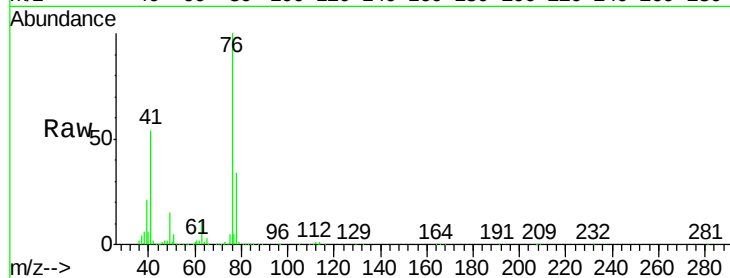
ClientSampleId :

Tot Ion: 76 Resp: 334054

Ion Ratio Lower Upper

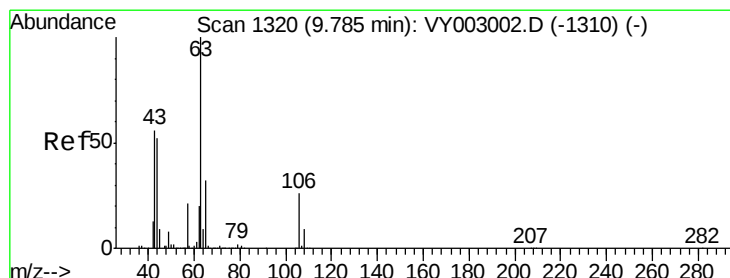
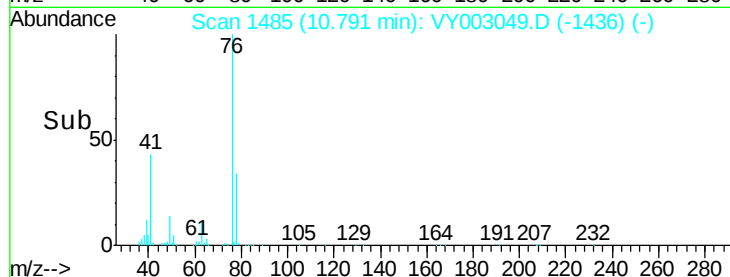
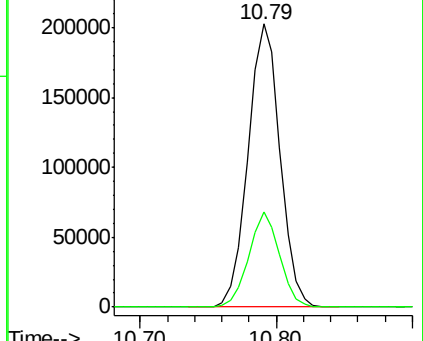
76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 258.628 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003049.D

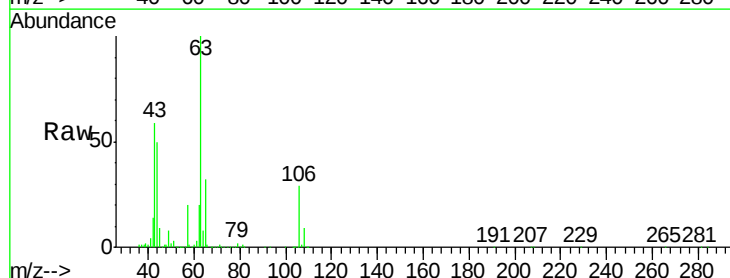
Acq: 30 Jun 2020 20:53

Tgt Ion: 63 Resp: 734104

Ion Ratio Lower Upper

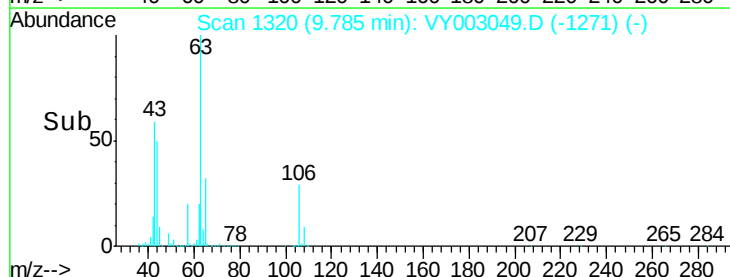
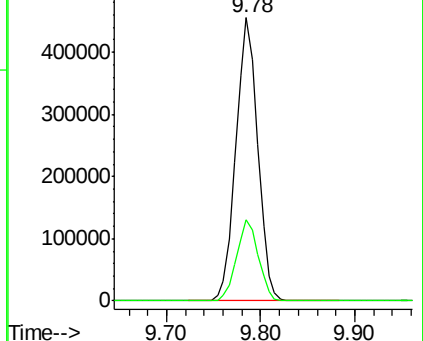
63 100

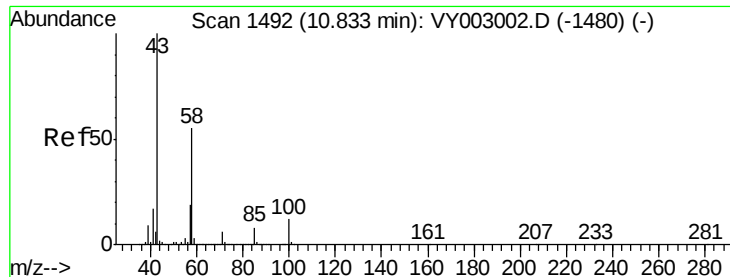
106 28.8 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

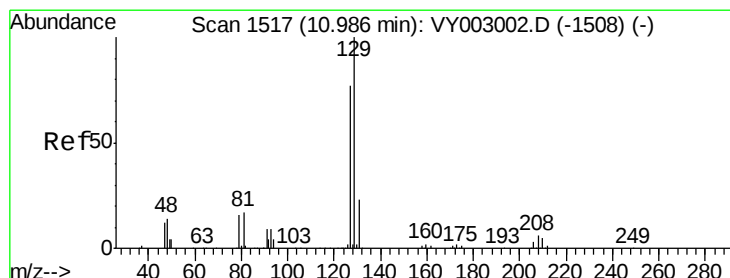
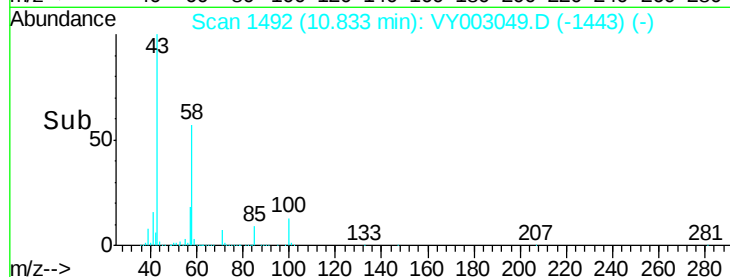
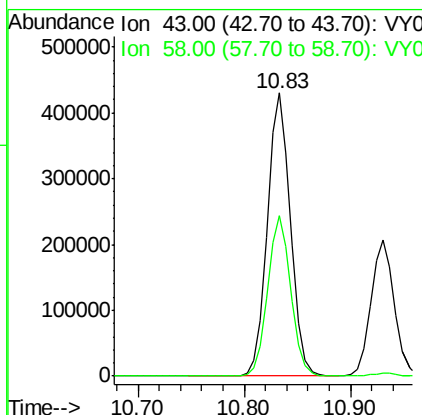
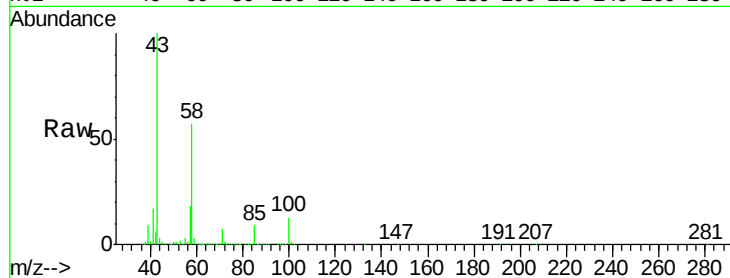




#59
2-Hexanone
Concen: 236.066 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

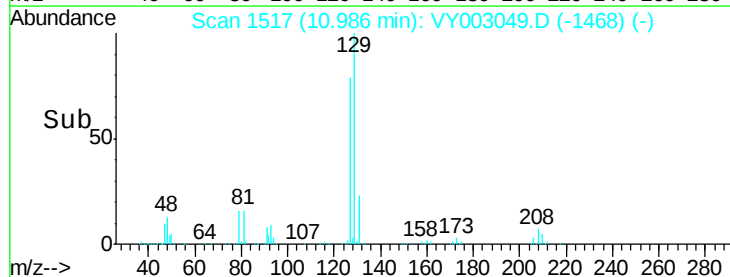
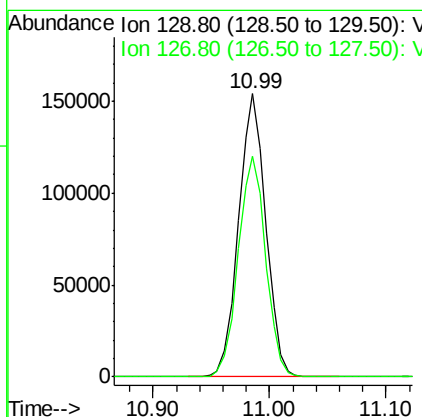
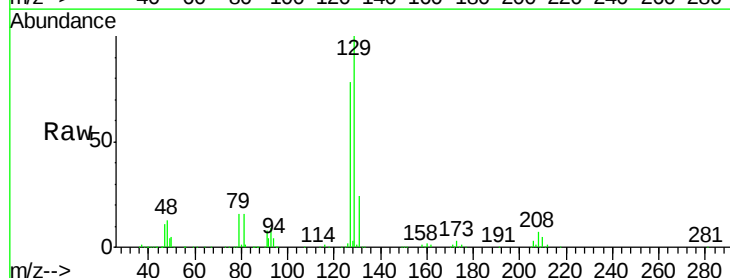
Instrument :
MSVOA_Y
ClientSampleId :

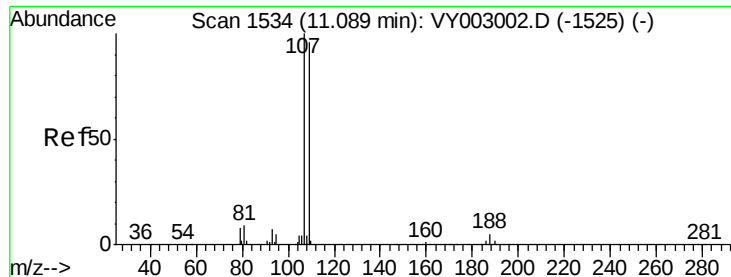
Tot Ion: 43 Resp: 651967
Ion Ratio Lower Upper
43 100
58 56.5 27.5 82.4



#60
Dibromochloromethane
Concen: 51.147 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion: 129 Resp: 250252
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.3

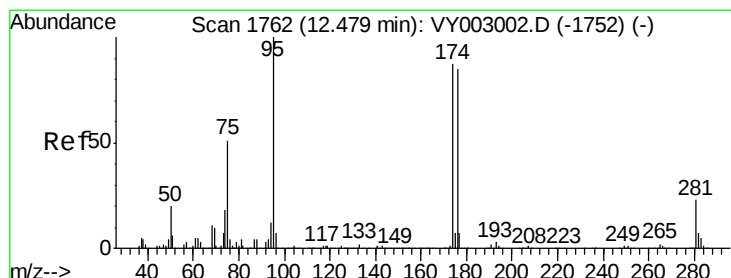
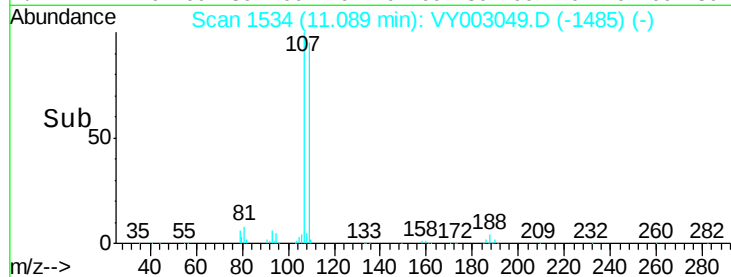
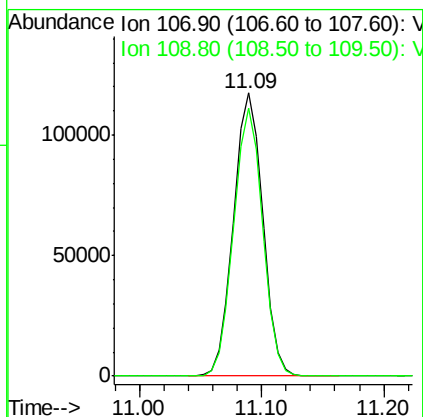
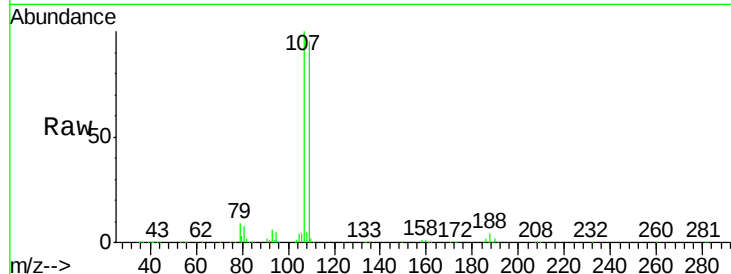




#61
 1,2-Dibromoethane
 Concen: 51.458 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

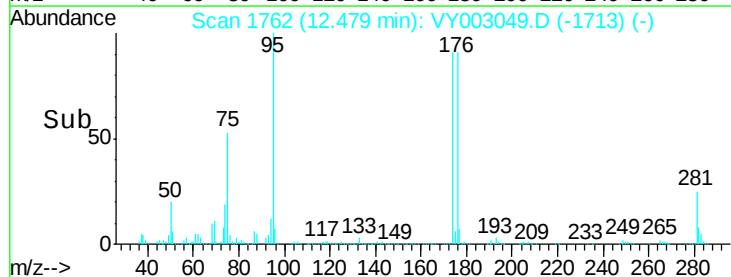
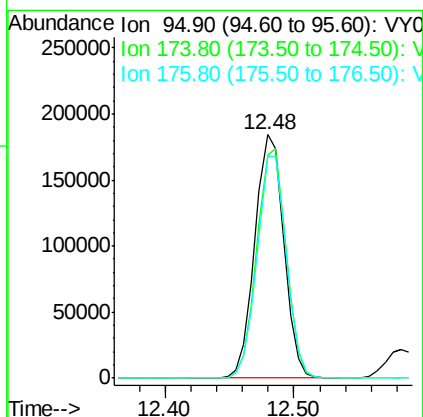
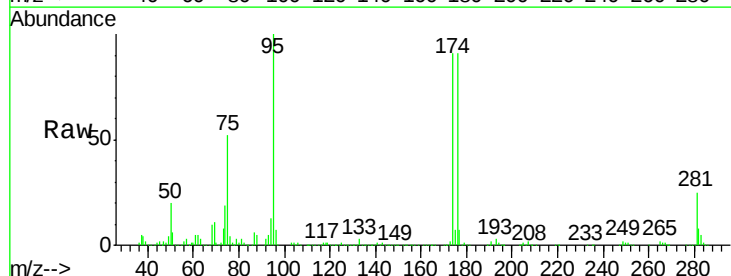
Instrument :
 MSVOA_Y
 ClientSampled :

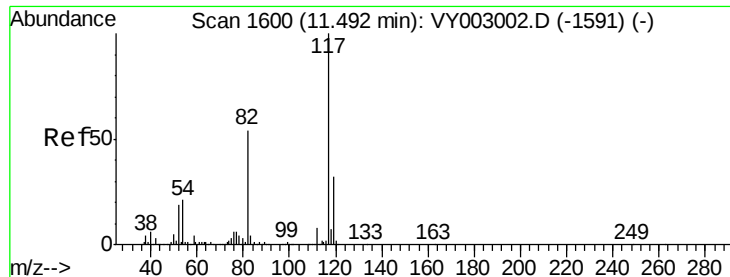
Tot Ion: 107 Resp: 193958
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.261 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Tgt Ion: 95 Resp: 285488
 Ion Ratio Lower Upper
 95 100
 174 95.0 0.0 184.8
 176 92.3 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: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

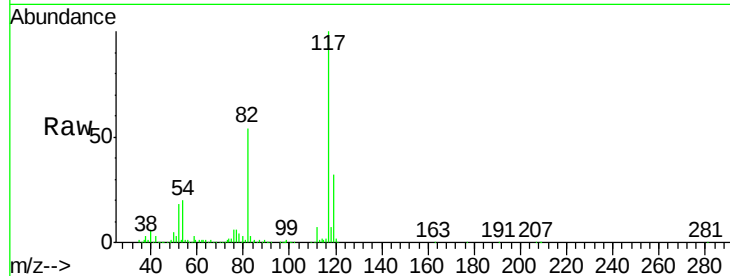
Tot Ion:117 Resp: 645070

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.6

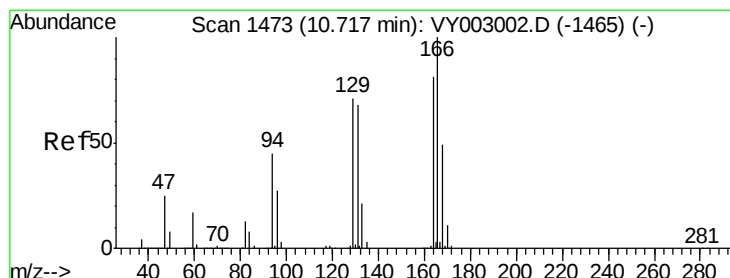
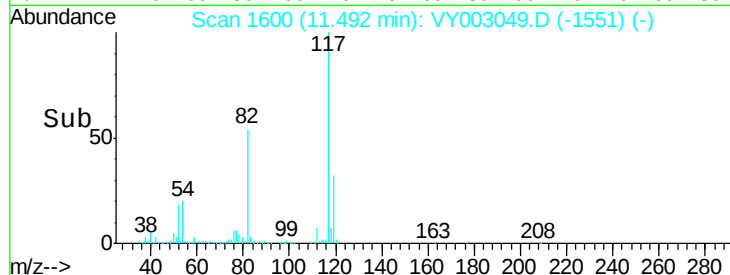
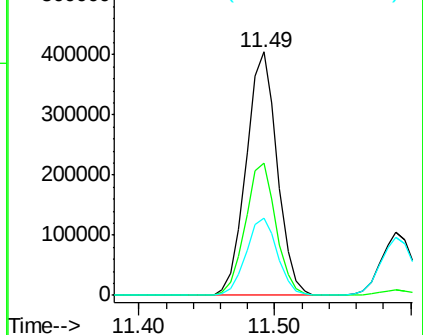
119 31.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.879 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Tgt Ion:164 Resp: 272318

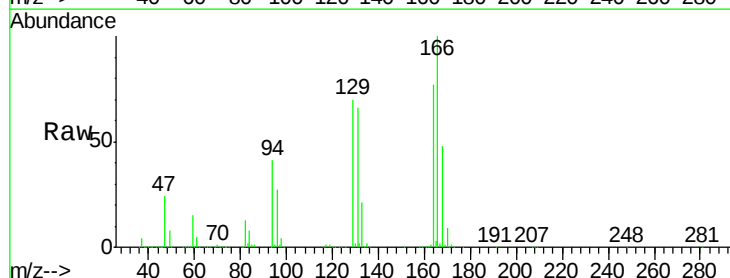
Ion Ratio Lower Upper

164 100

166 129.4 98.5 147.7

129 91.0 69.7 104.5

131 85.5 67.2 100.8

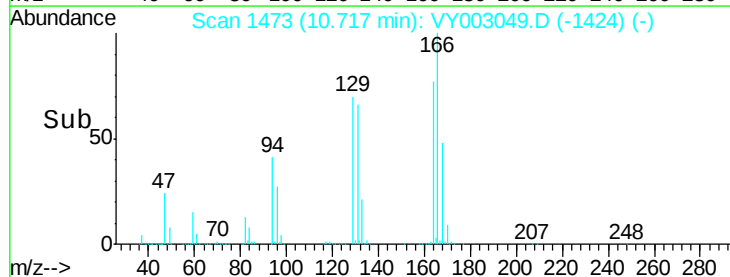
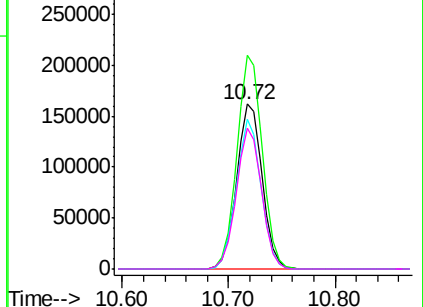


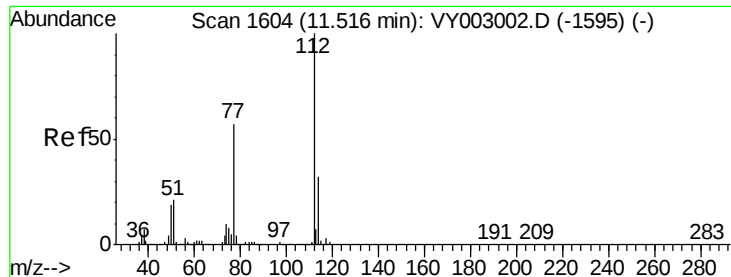
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

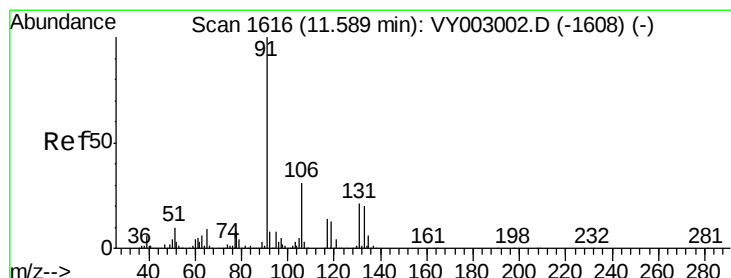
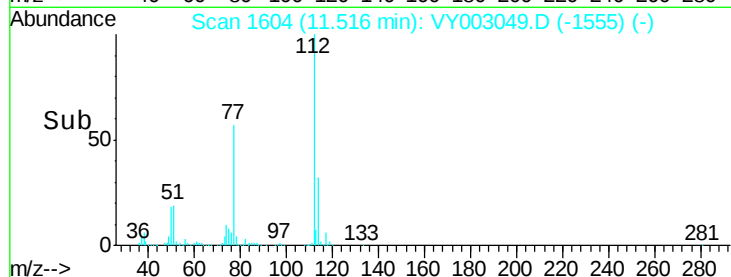
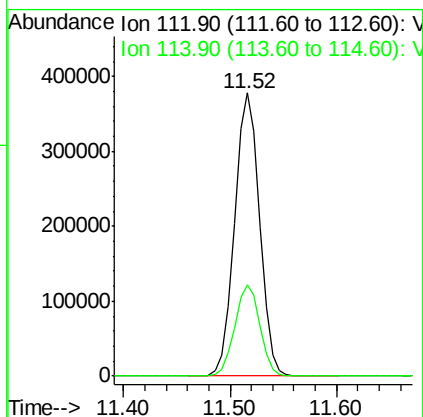
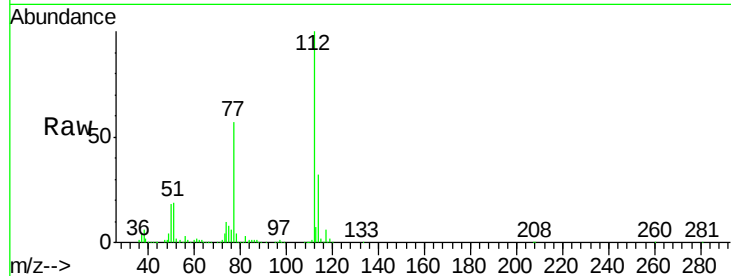




#65
Chlorobenzene
Concen: 48.871 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

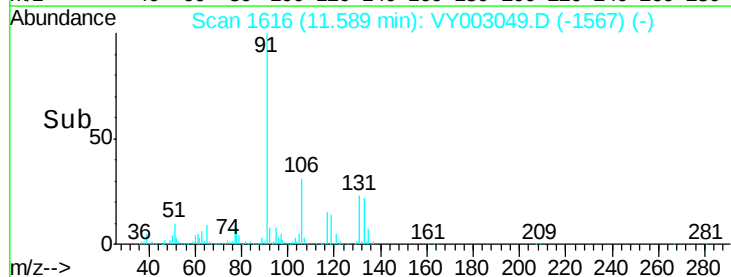
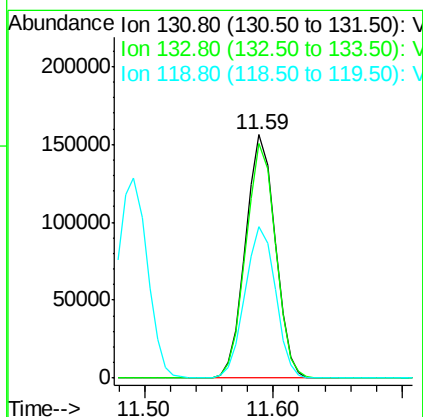
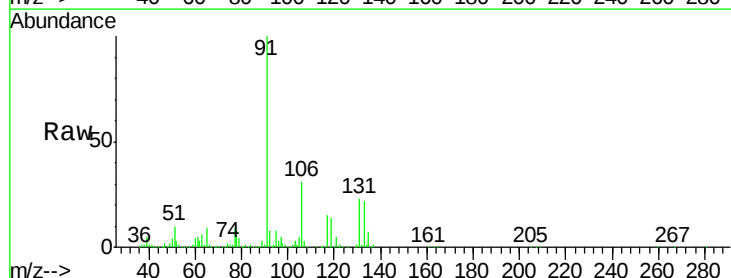
Instrument :
MSVOA_Y
ClientSampleId :

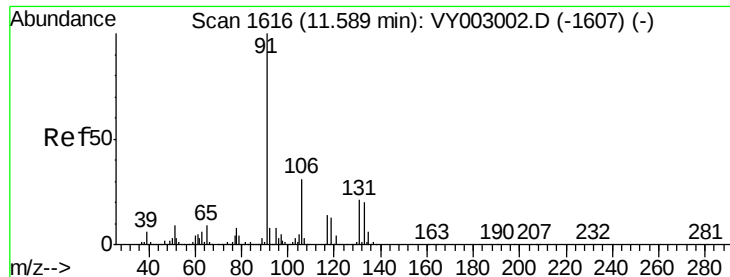
Tot Ion:112 Resp: 621612
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.135 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion:131 Resp: 248971
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.8
119 64.0 31.8 95.3





#67

Ethyl Benzene

Concen: 47.418 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

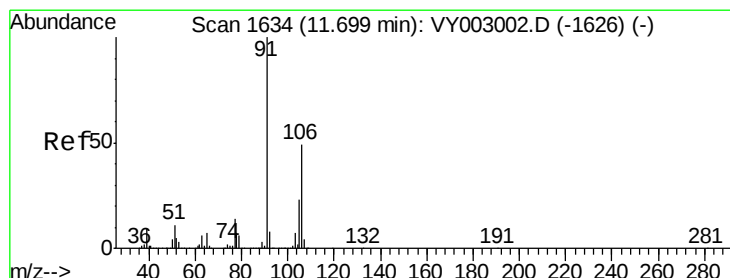
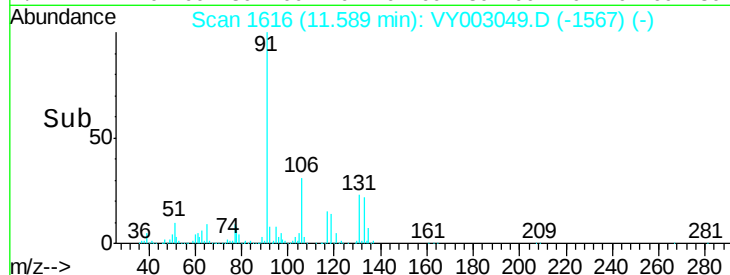
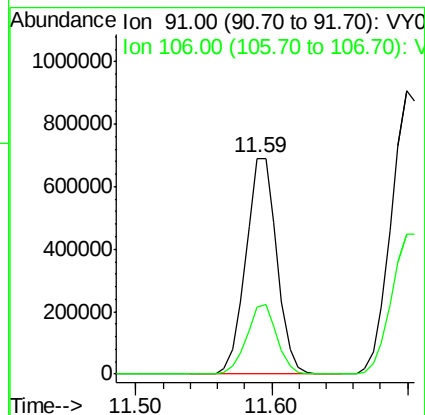
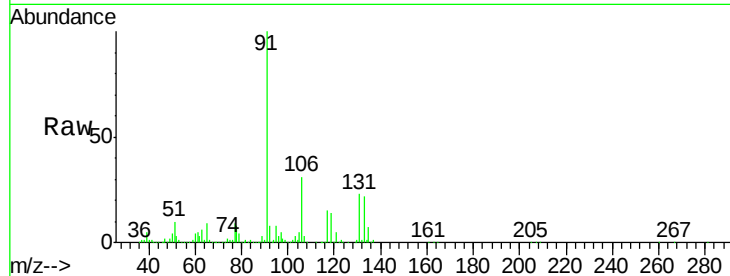
ClientSampleId :

Tot Ion: 91 Resp: 1103397

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 96.508 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003049.D

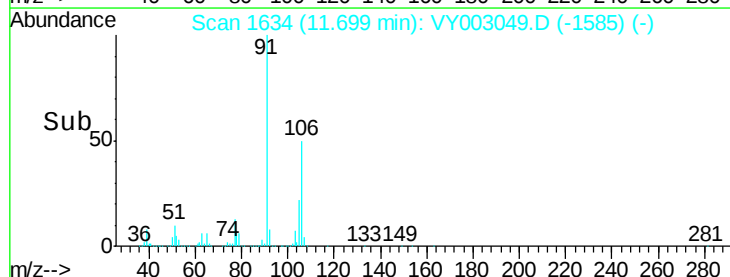
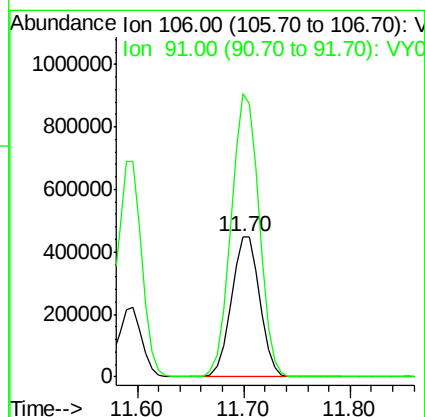
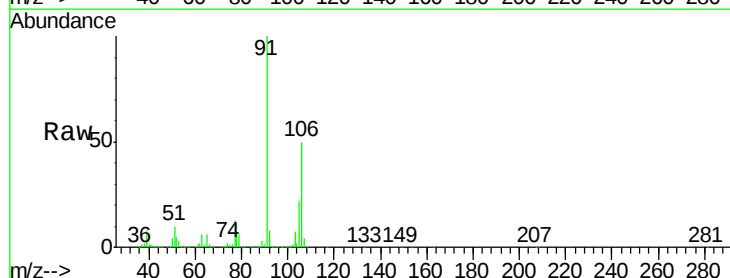
Acq: 30 Jun 2020 20:53

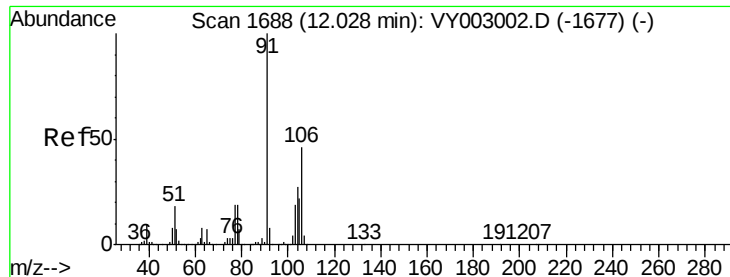
Tgt Ion: 106 Resp: 835805

Ion Ratio Lower Upper

106 100

91 199.7 161.9 242.9

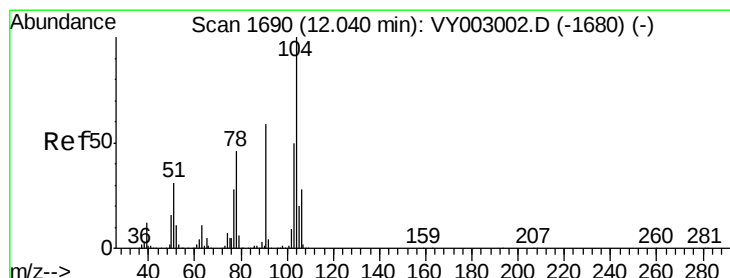
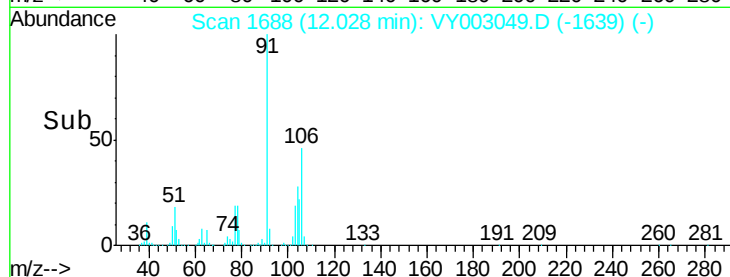
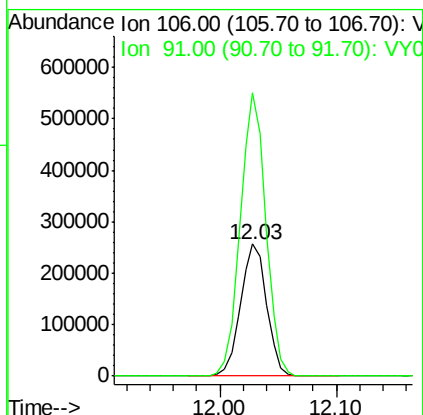
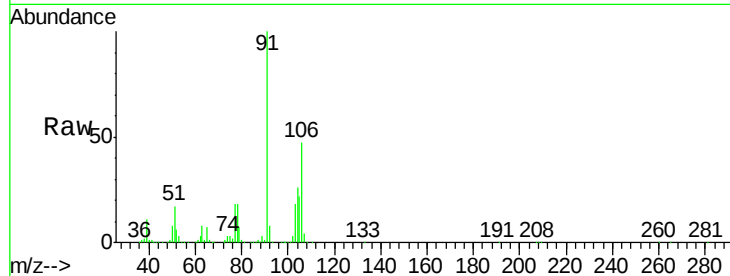




#69
o-Xylene
Concen: 48.922 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

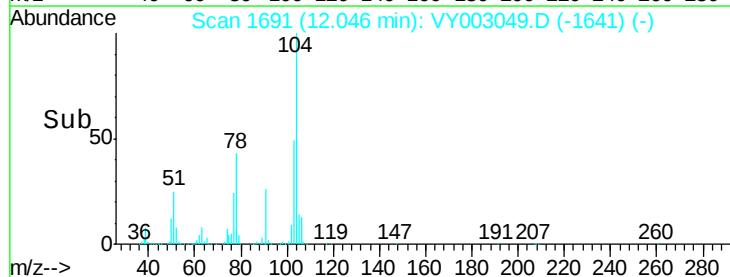
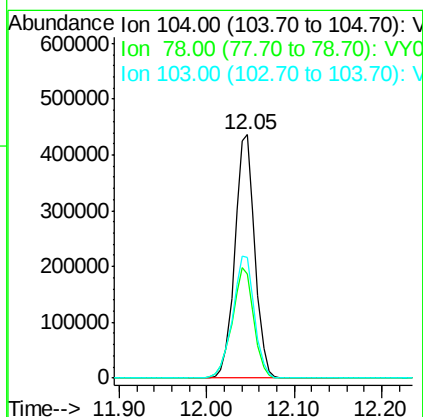
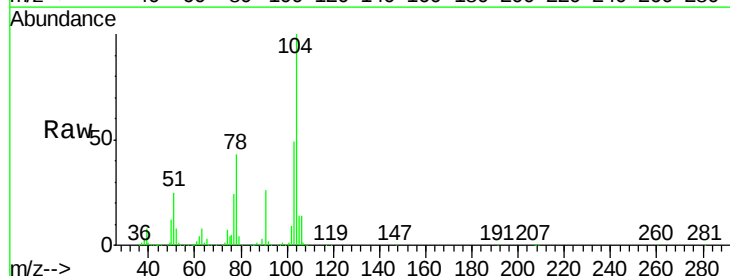
Instrument :
MSVOA_Y
ClientSampled :

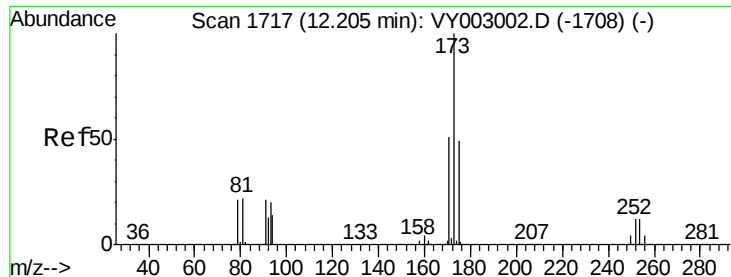
Tot Ion:106 Resp: 399250
Ion Ratio Lower Upper
106 100
91 210.6 107.9 323.8



#70
Styrene
Concen: 49.857 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion:104 Resp: 695118
Ion Ratio Lower Upper
104 100
78 48.7 40.4 60.6
103 54.7 44.1 66.1

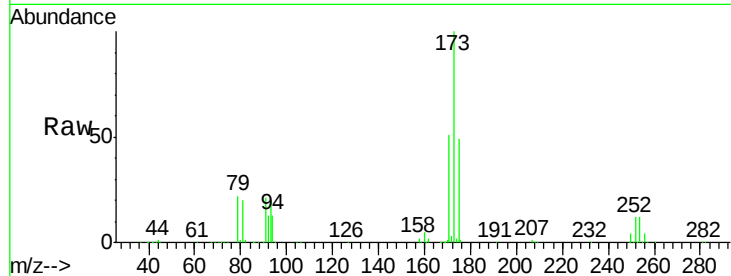




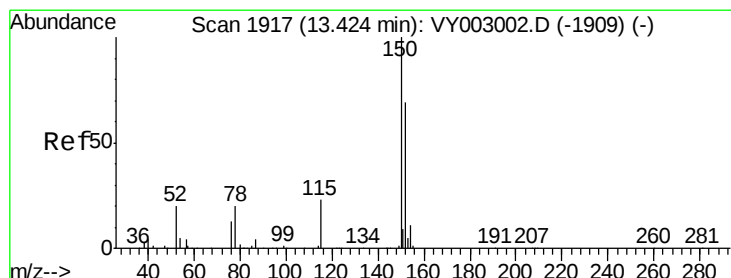
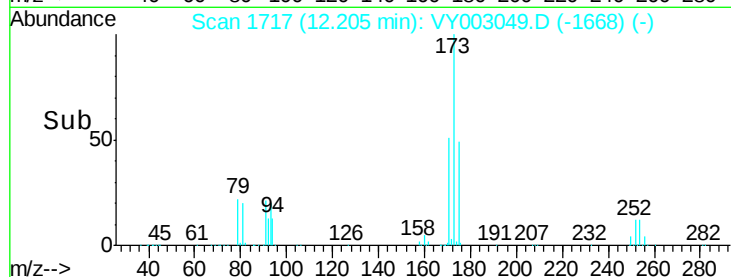
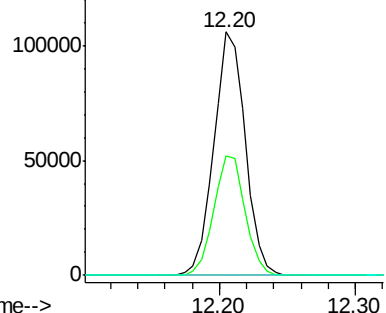
#71
Bromoform
Concen: 51.463 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:173 Resp: 170411
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.2 0.2 0.2#

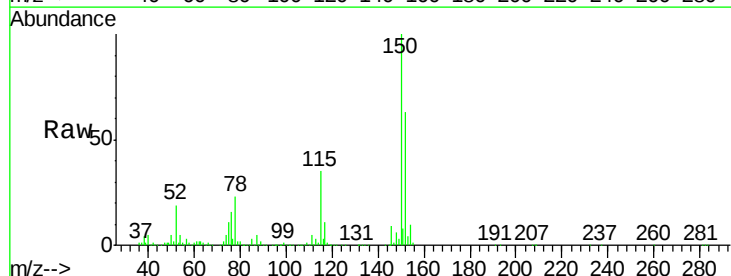


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

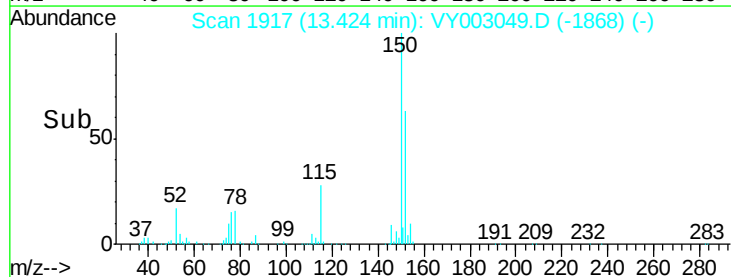
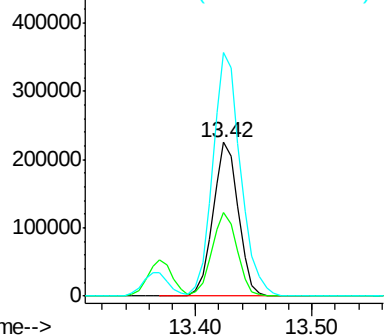


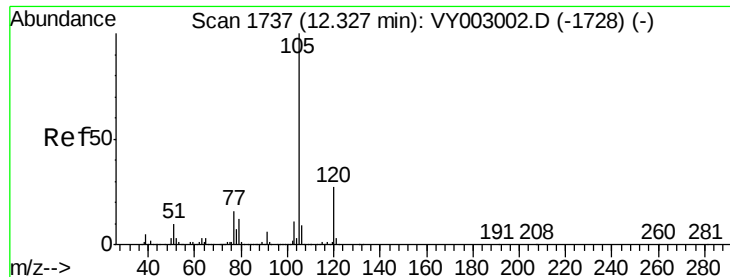
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion:152 Resp: 339777
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 173.3 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: 47.706 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

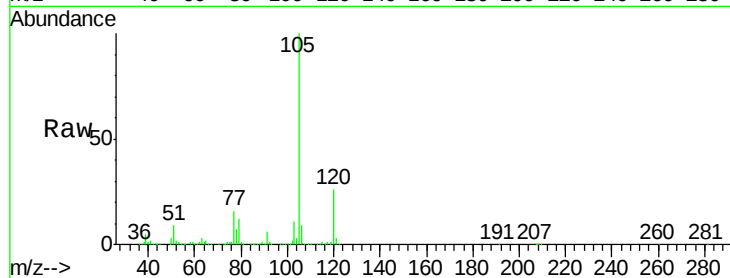
ClientSampleId :

Tot Ion:105 Resp: 1060828

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

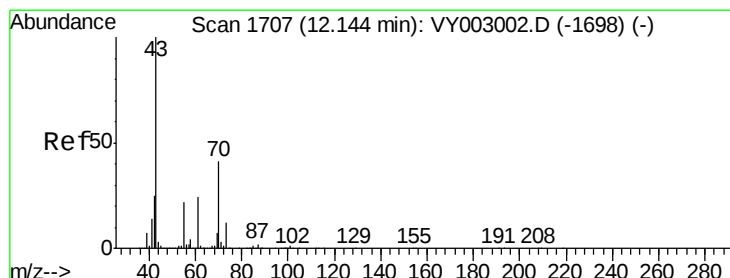
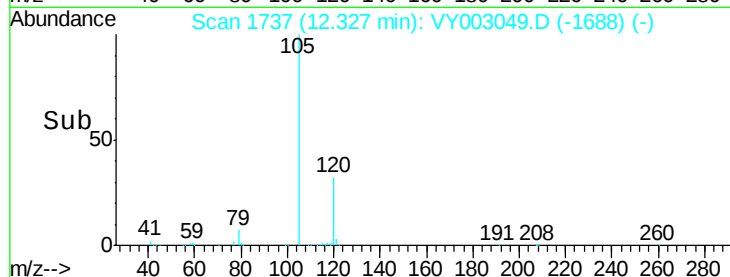
0

12.33

12.30

12.40

Time-->



#74

N-ethyl acetate

Concen: 47.263 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Tgt Ion: 43 Resp: 342143

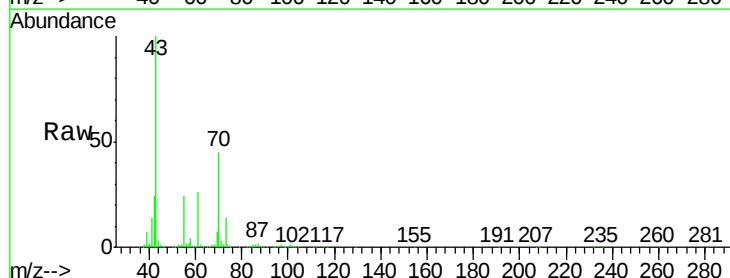
Ion Ratio Lower Upper

43 100

70 44.6 33.0 49.4

55 23.6 18.2 27.2

61 25.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

300000

200000

100000

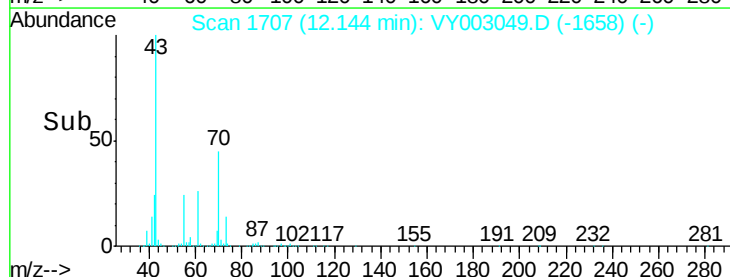
0

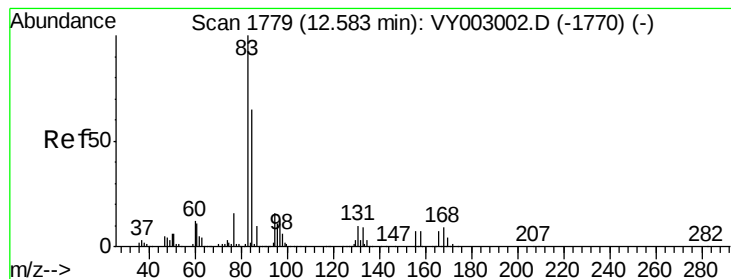
12.14

12.10

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.824 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

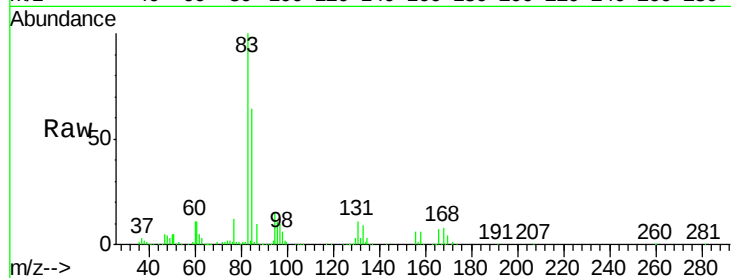
Tot Ion: 83 Resp: 223586

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

85 64.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY003002.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY003002.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY003002.D (-1770) (-)

12.58

150000

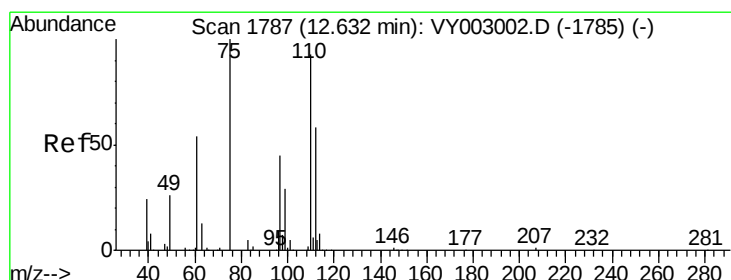
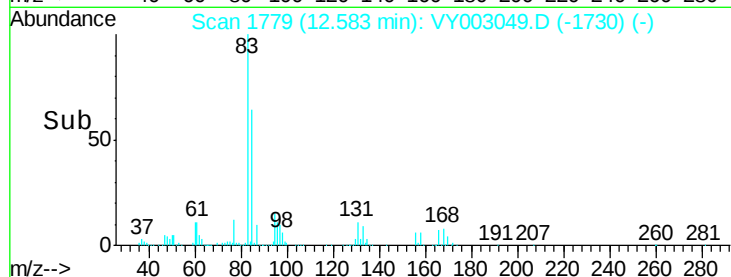
100000

50000

0

12.50 12.55 12.60 12.65

Time-->



#76

1,2,3-Trichloropropane

Concen: 92.083 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003049.D

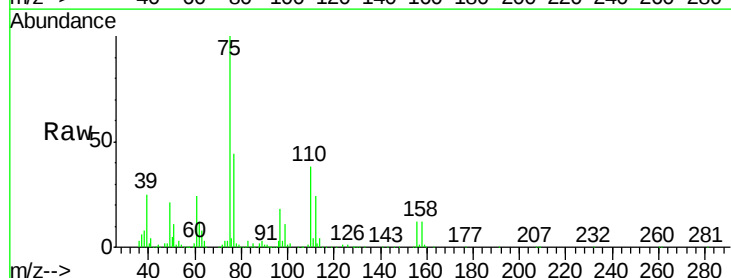
Acq: 30 Jun 2020 20:53

Tgt Ion: 75 Resp: 309654

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003002.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003002.D (-1785) (-)

300000

250000

200000

150000

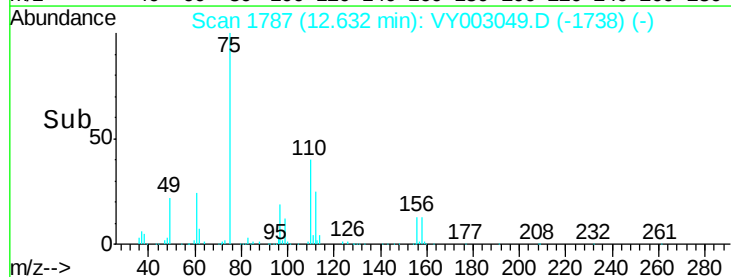
100000

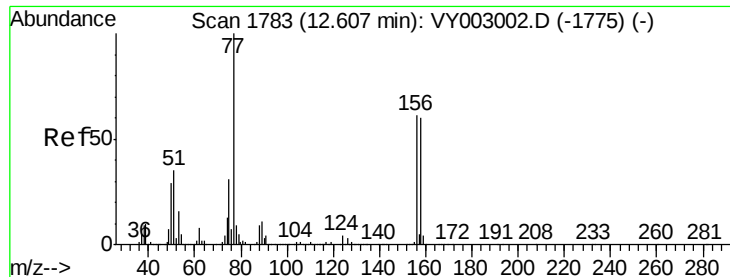
50000

0

12.50 12.60 12.70

Time-->





#77

Bromobenzene

Concen: 49.791 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

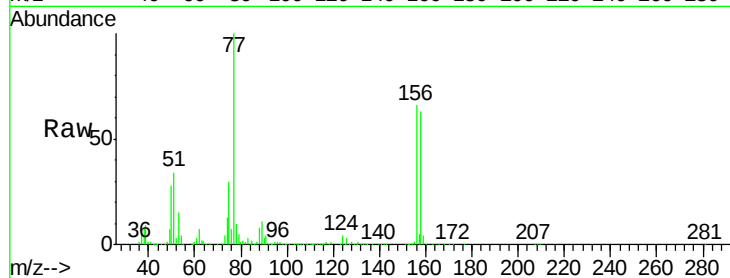
Tot Ion:156 Resp: 283885

Ion Ratio Lower Upper

156 100

77 175.1 90.0 270.0

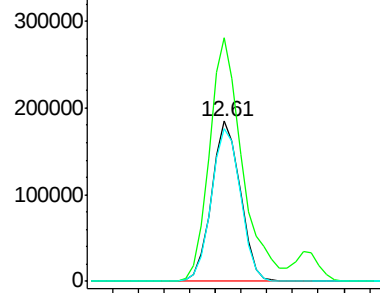
158 97.0 48.5 145.5



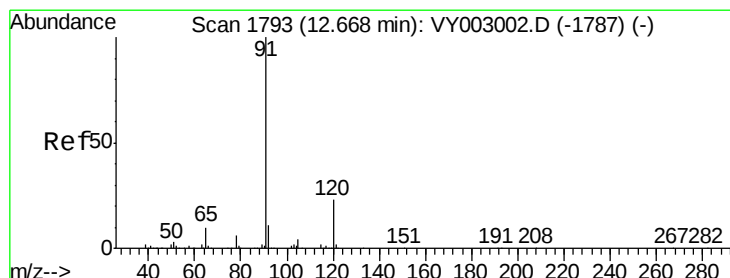
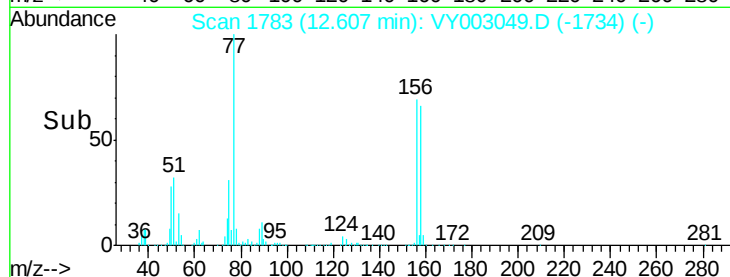
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 47.022 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003049.D

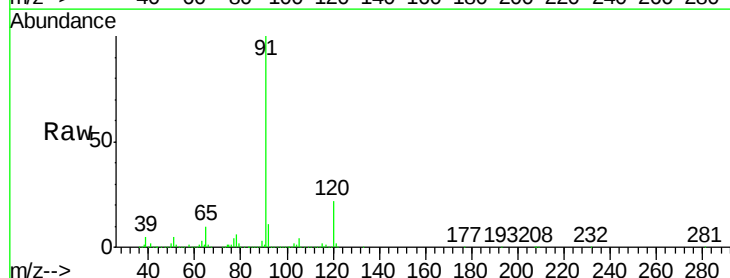
Acq: 30 Jun 2020 20:53

Tgt Ion: 91 Resp: 1257522

Ion Ratio Lower Upper

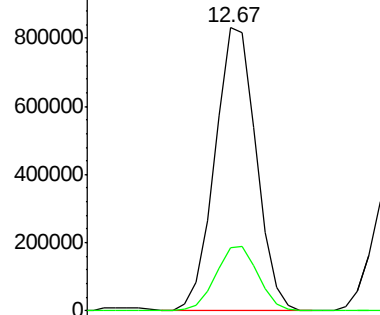
91 100

120 23.3 11.5 34.5

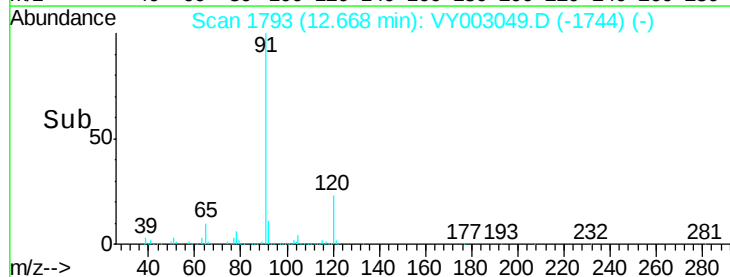


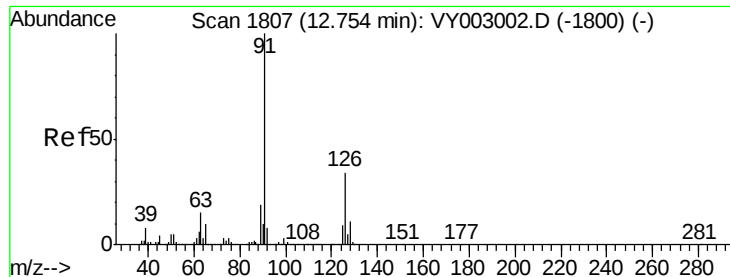
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



Time-->

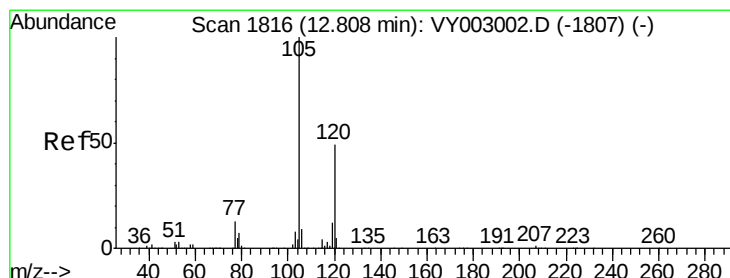
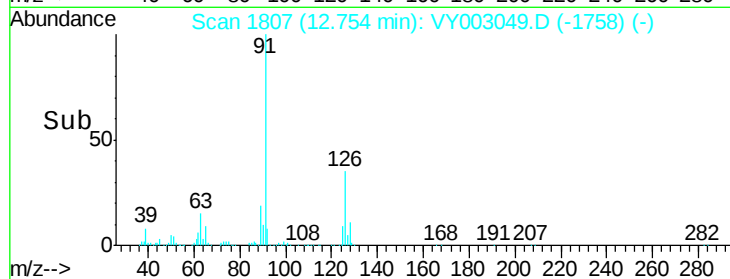
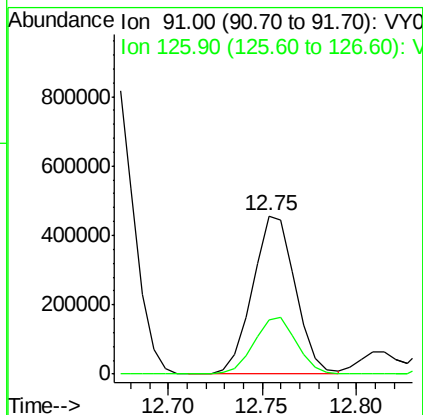
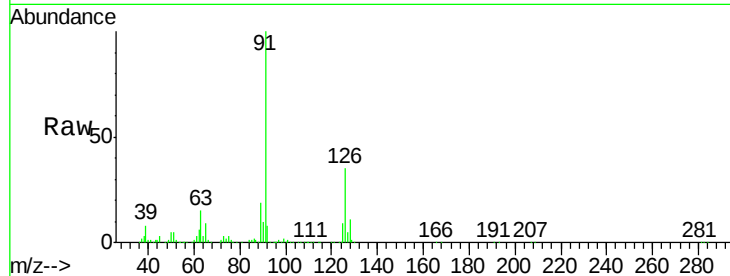




#79
2-Chlorotoluene
Concen: 48.123 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

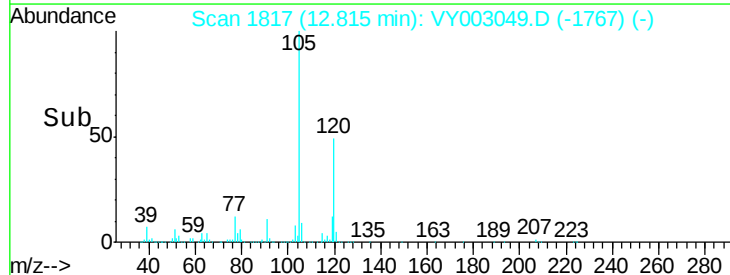
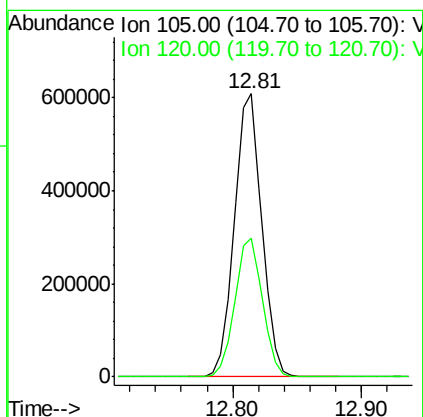
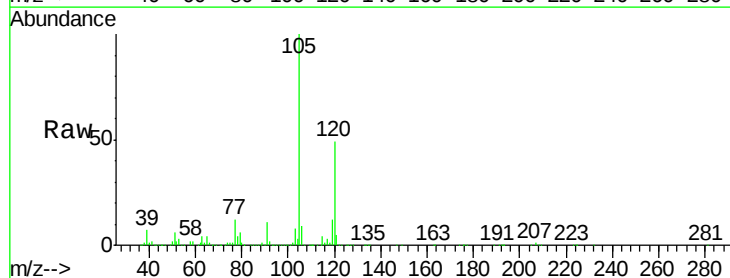
Instrument :
MSVOA_Y
ClientSampleId :

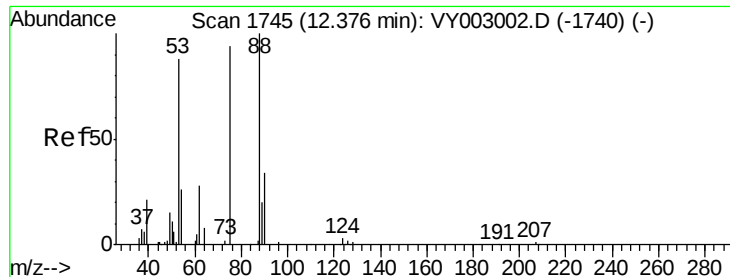
Tot Ion: 91 Resp: 718354
Ion Ratio Lower Upper
91 100
126 35.7 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 48.061 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003049.D
Acq: 30 Jun 2020 20:53

Tgt Ion: 105 Resp: 896814
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.789 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

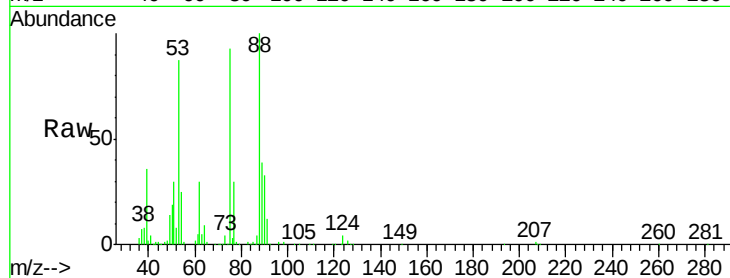
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 82599

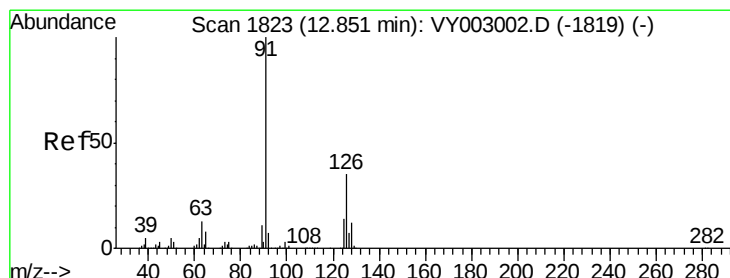
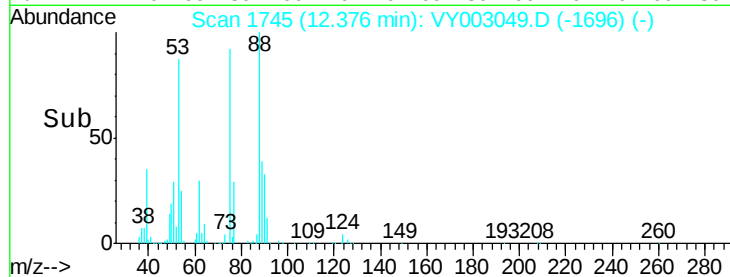
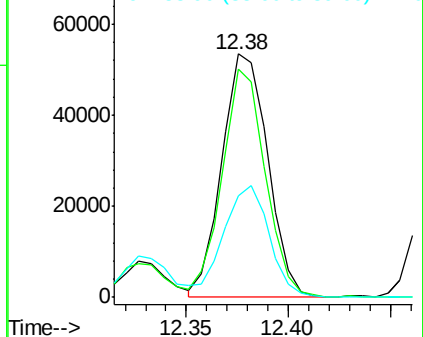
Ion	Ratio	Lower	Upper
75	100		
53	87.9	73.9	110.9
89	46.3	37.5	56.3



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: 48.355 ug/l

RT: 12.85 min Scan# 1823

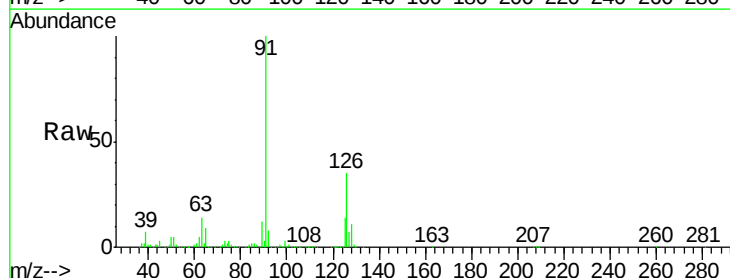
Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

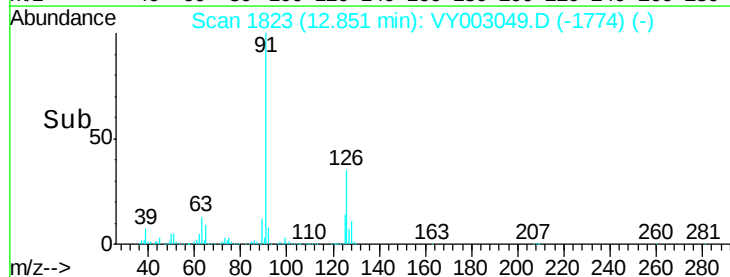
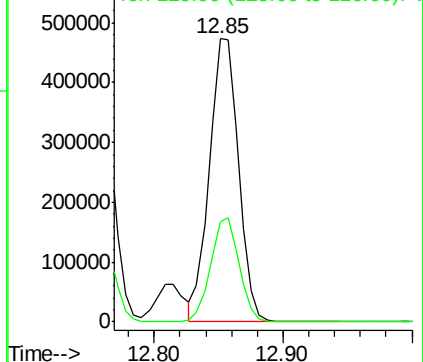
Tgt Ion: 91 Resp: 751526

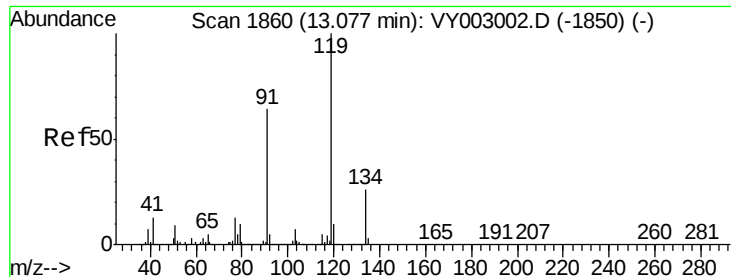
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.4	52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.832 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

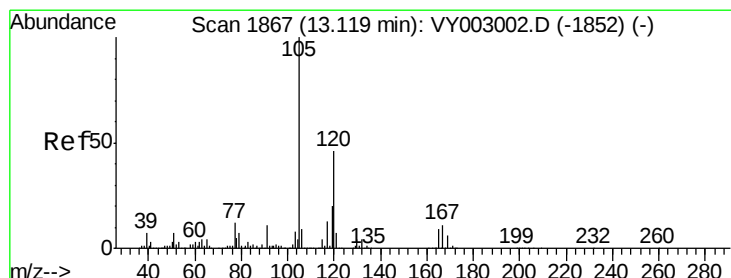
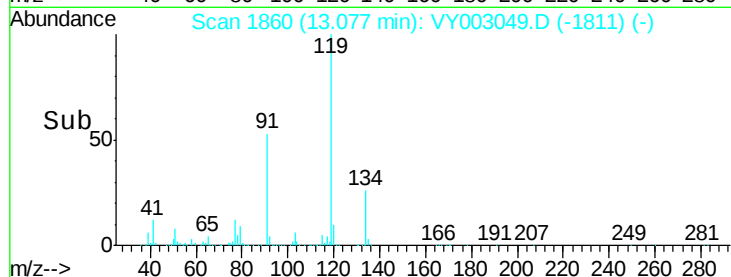
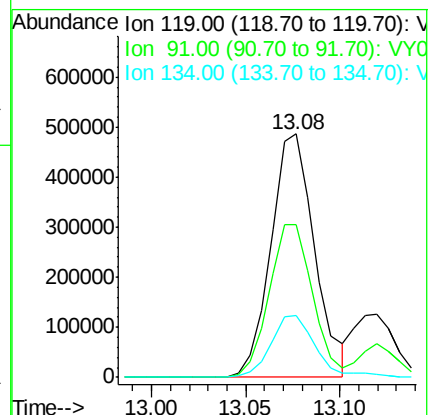
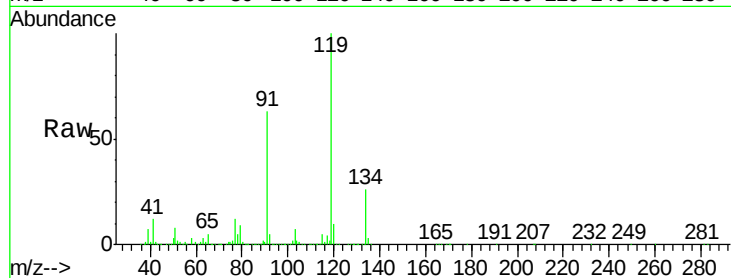
Tot Ion:119 Resp: 783725

Ion Ratio Lower Upper

119 100

91 62.3 31.6 95.0

134 26.3 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 48.226 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003049.D

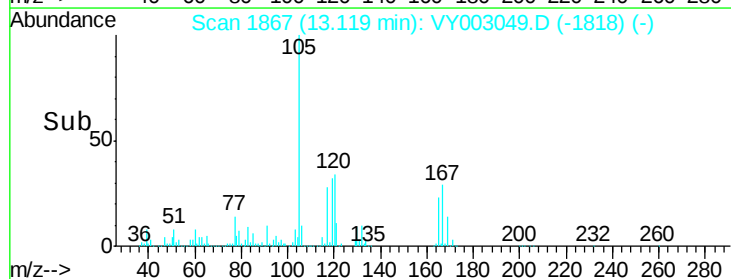
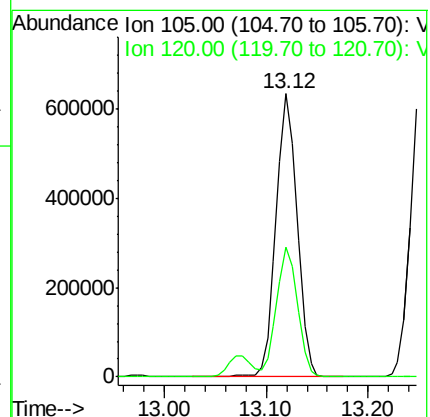
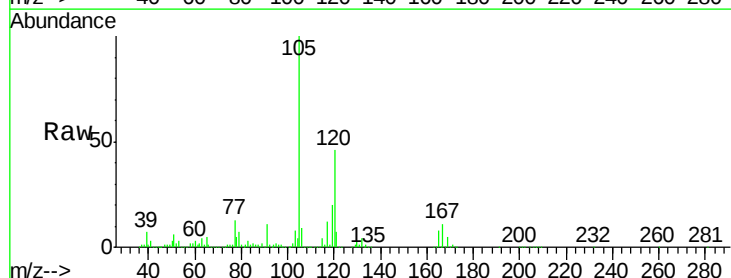
Acq: 30 Jun 2020 20:53

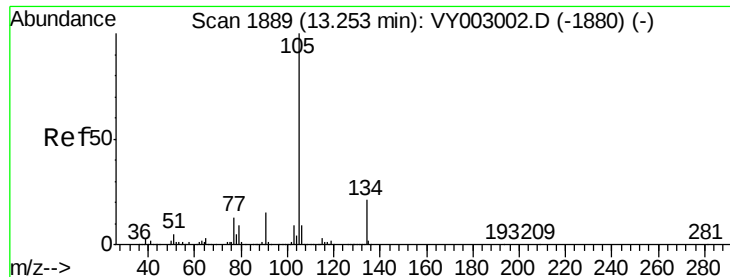
Tgt Ion:105 Resp: 906786

Ion Ratio Lower Upper

105 100

120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 47.742 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

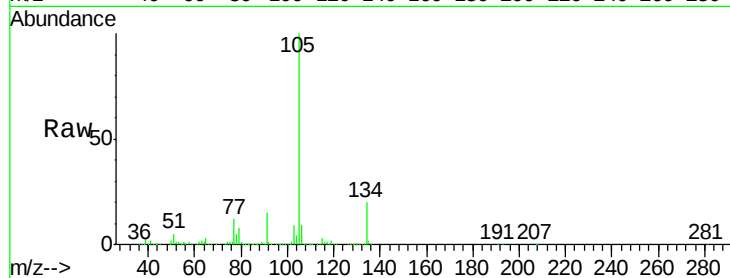
ClientSampleId :

Tot Ion:105 Resp: 1078206

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

800000

600000

400000

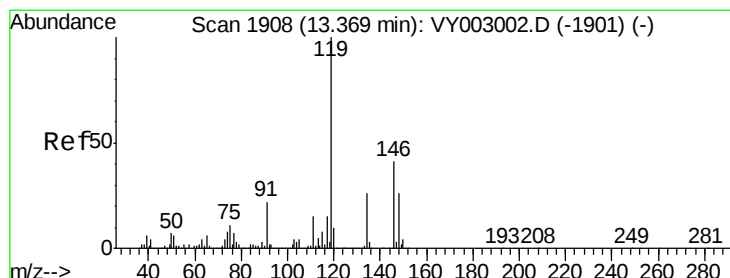
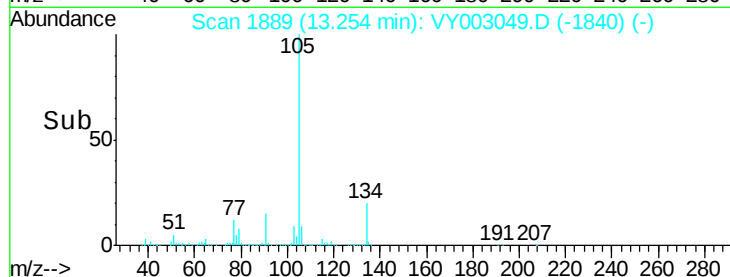
200000

0

13.25

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 47.522 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

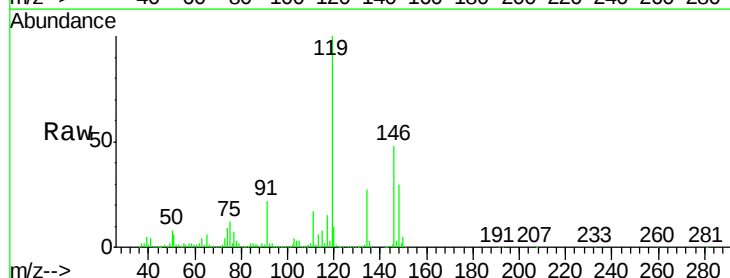
Tgt Ion:119 Resp: 994493

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.1 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

800000

600000

400000

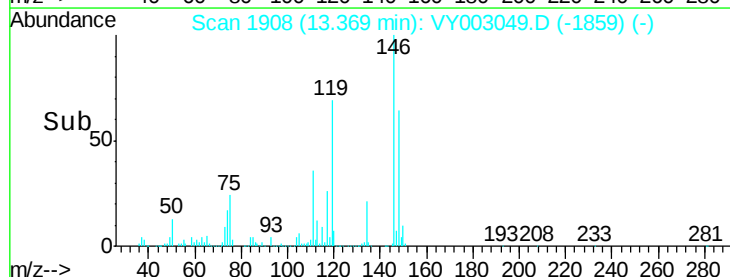
200000

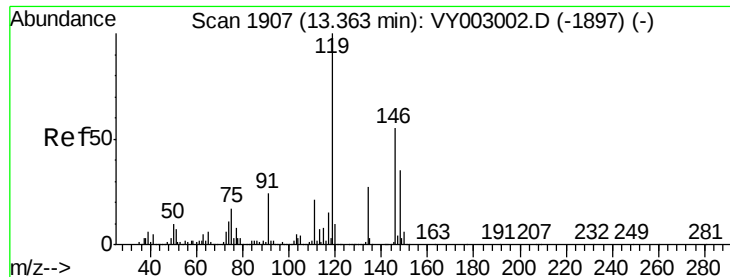
0

13.37

13.30 13.35 13.40

Time-->

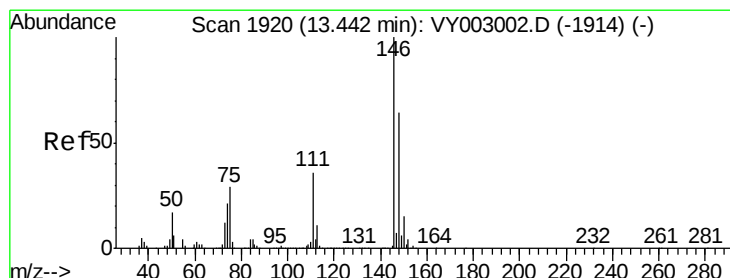
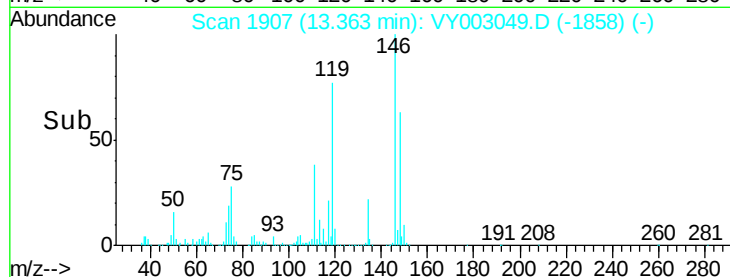
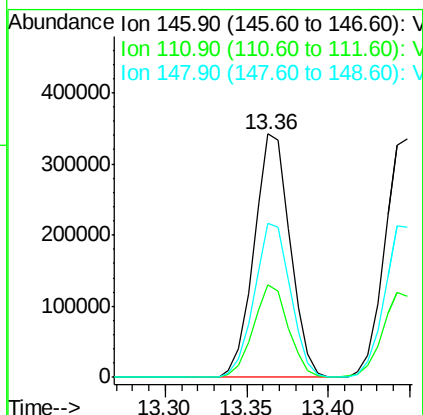
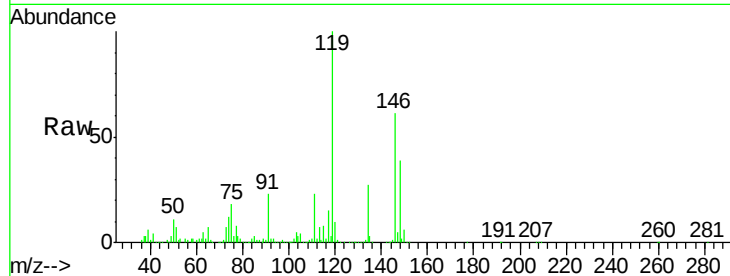




#87
 1,3-Dichlorobenzene
 Concen: 49.355 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

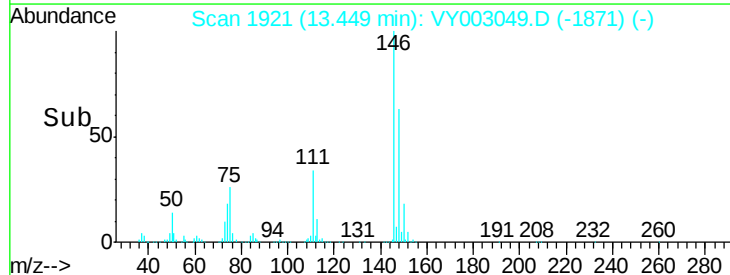
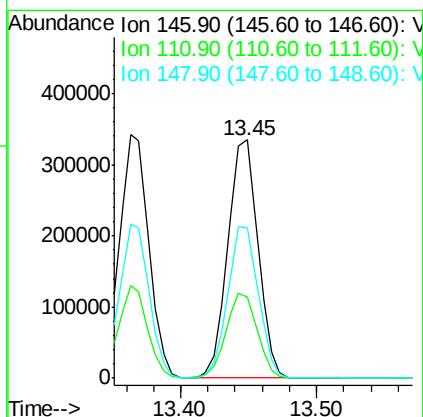
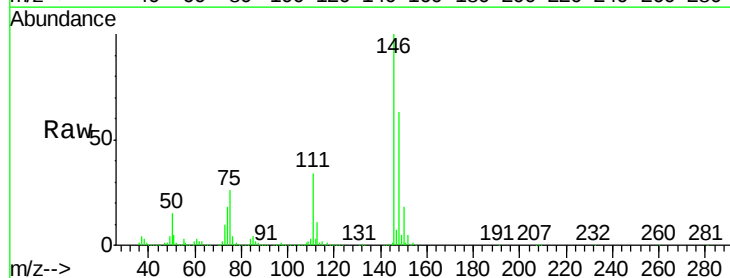
Instrument :
 MSVOA_Y
 ClientSampleId :

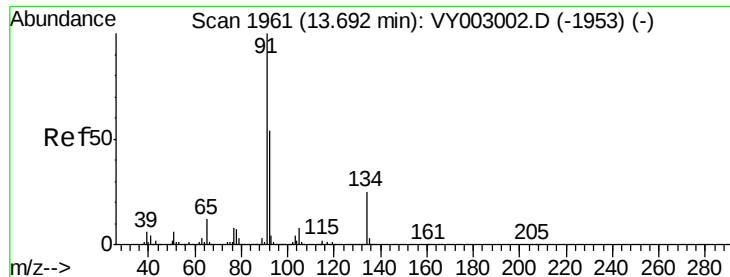
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	63.6	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.466 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.4
148	64.5	32.3	96.9





#89

n-Butylbenzene

Concen: 46.380 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

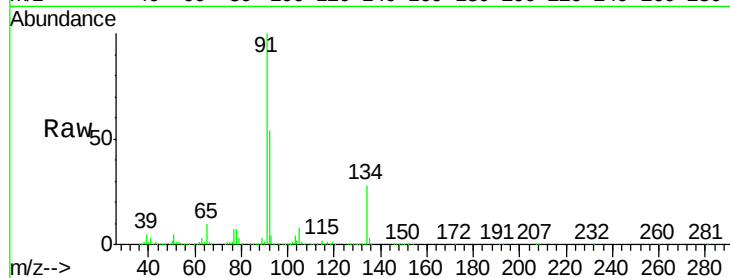
Tot Ion: 91 Resp: 928641

Ion Ratio Lower Upper

91 100

92 53.7 26.8 80.3

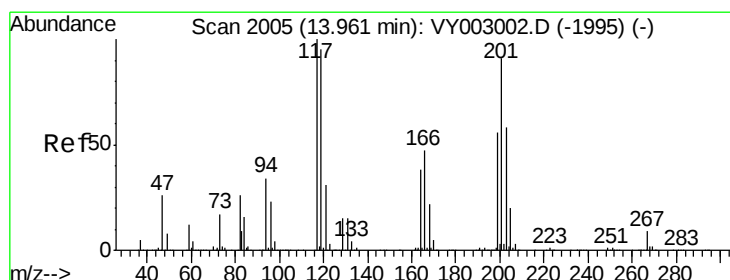
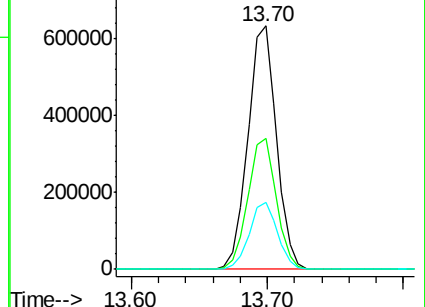
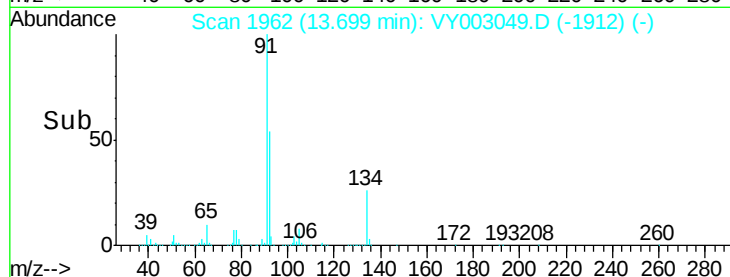
134 27.3 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003002.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003002.D (-1953) (-)



#90

Hexachloroethane

Concen: 49.044 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003049.D

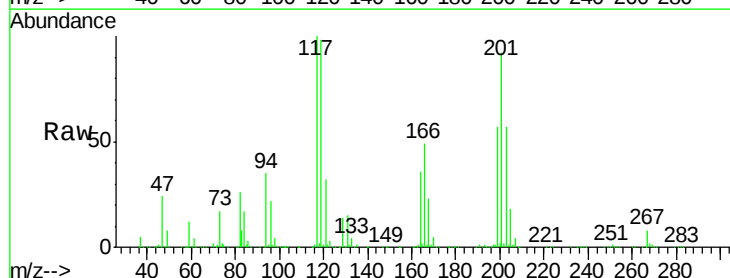
Acq: 30 Jun 2020 20:53

Tgt Ion: 117 Resp: 203801

Ion Ratio Lower Upper

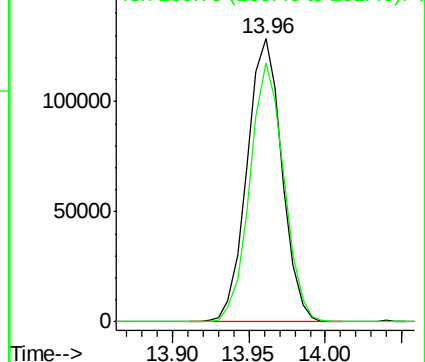
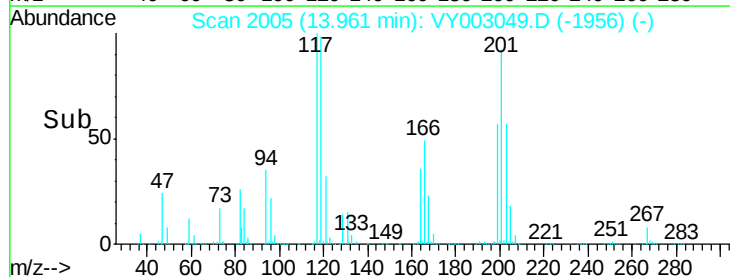
117 100

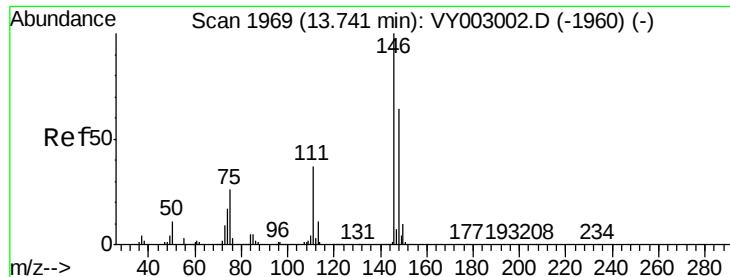
201 89.3 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): VY003002.D (-1995) (-)

Ion 200.70 (200.40 to 201.40): VY003002.D (-1995) (-)





#91

1,2-Dichlorobenzene

Concen: 49.961 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

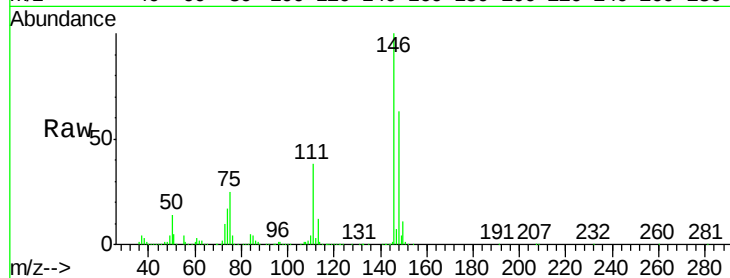
Tot Ion:146 Resp: 477146

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

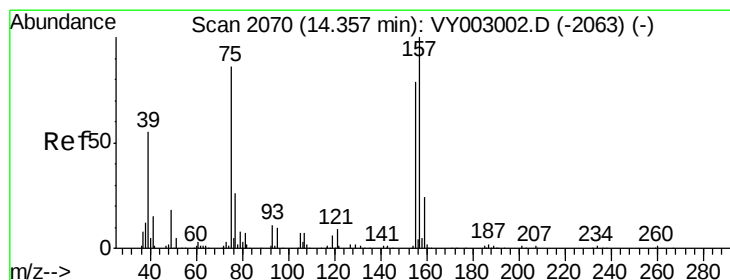
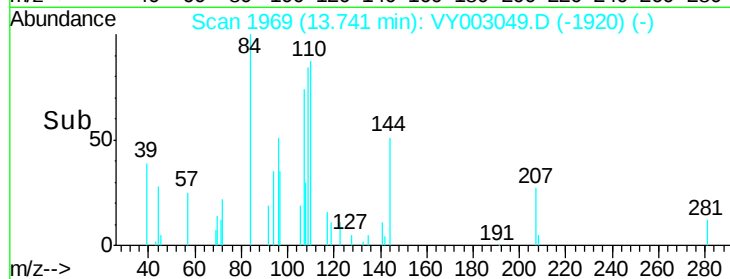
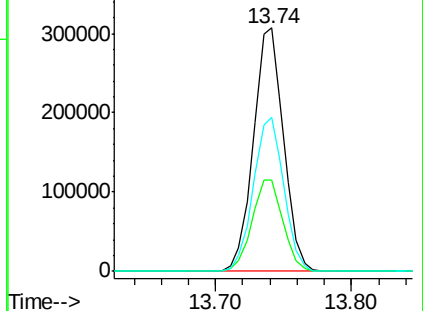
148 64.1 31.8 95.3



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: 49.541 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

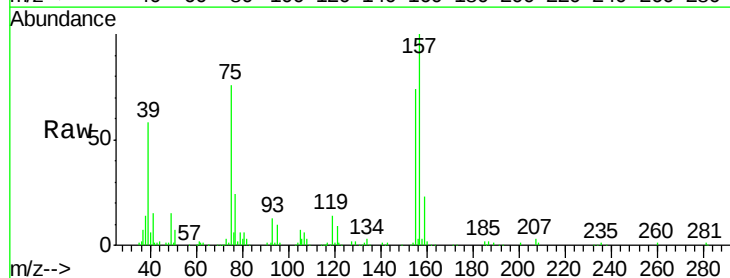
Tgt Ion: 75 Resp: 39355

Ion Ratio Lower Upper

75 100

155 100.0 46.5 139.3

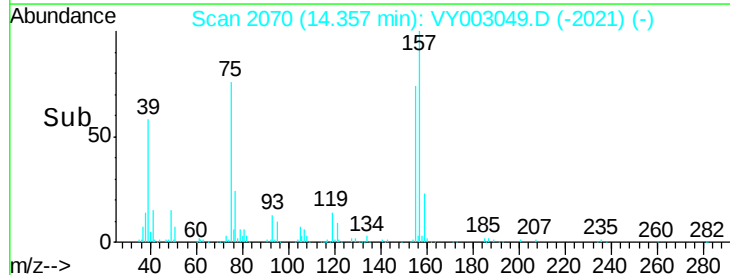
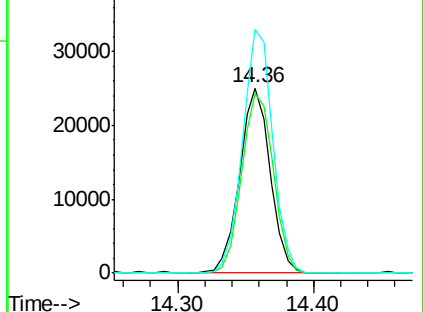
157 129.8 59.2 177.5

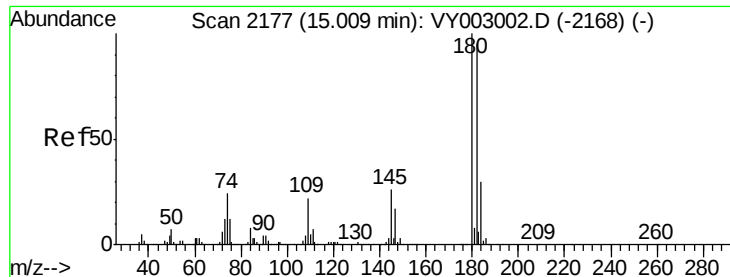


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

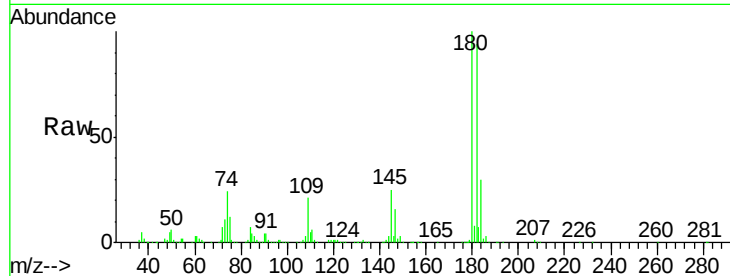




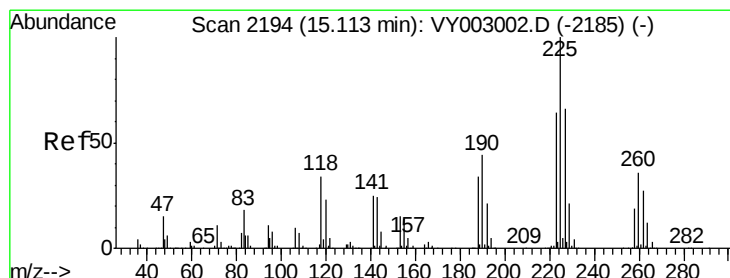
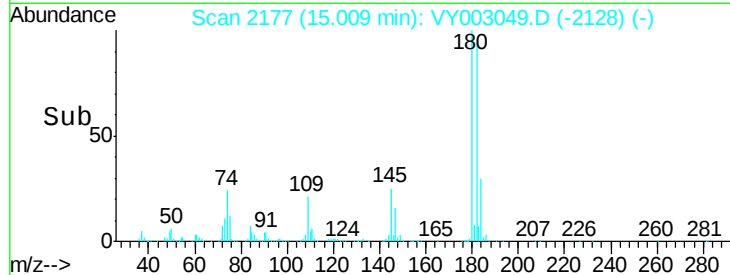
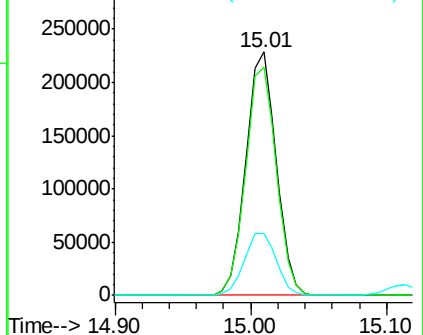
#93
 1,2,4-Trichlorobenzene
 Concen: 50.527 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 358573
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.3
 145 27.0 13.9 41.6

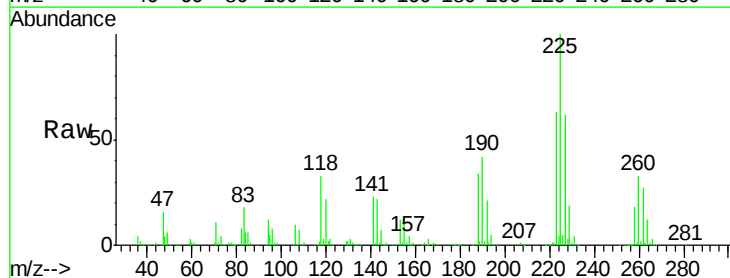


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

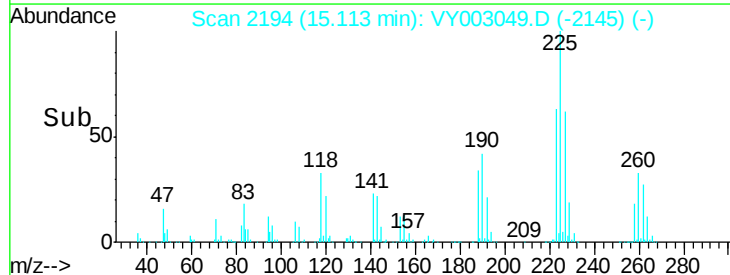
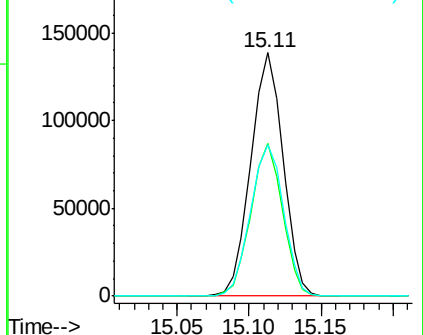


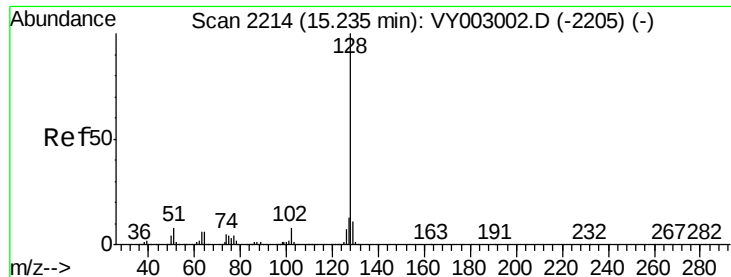
#94
 Hexachlorobutadiene
 Concen: 48.004 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003049.D
 Acq: 30 Jun 2020 20:53

Tgt Ion:225 Resp: 214878
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.4 97.0
 227 63.5 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.321 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

Instrument :

MSVOA_Y

ClientSampled :

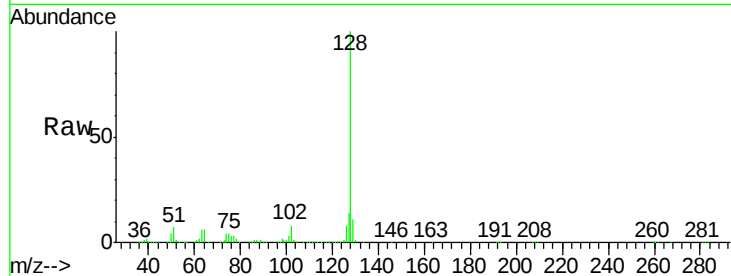
Tot Ion:128 Resp: 678182

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

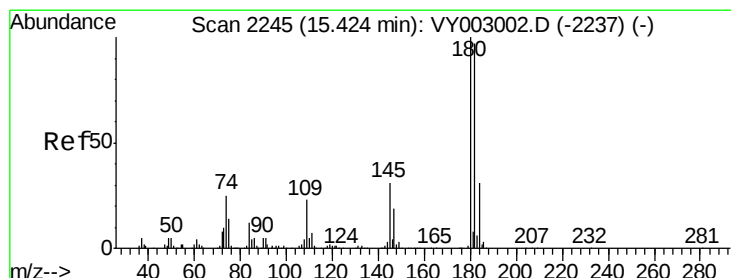
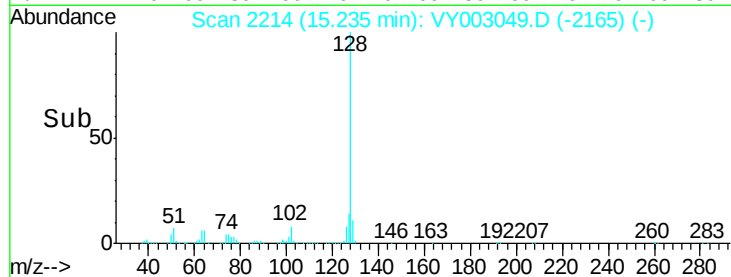
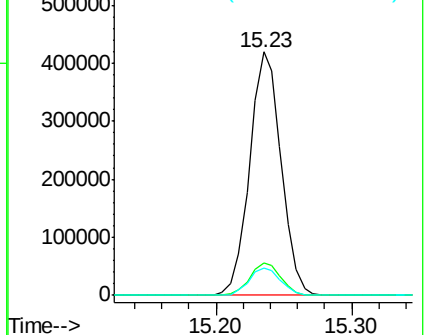
129 11.3 8.8 13.2



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: 50.726 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003049.D

Acq: 30 Jun 2020 20:53

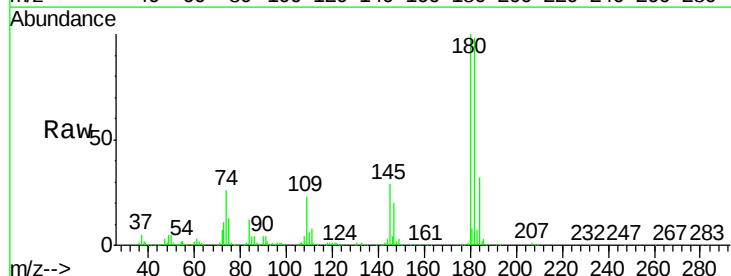
Tgt Ion:180 Resp: 312586

Ion Ratio Lower Upper

180 100

182 96.1 47.8 143.3

145 29.2 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

