

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
 Data File : VY003159.D
 Acq On : 10 Jul 2020 12:16
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 10 12:47:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 12:43:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	491377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	701904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	650270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	346373	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	197348	42.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.14%	
35) Dibromofluoromethane	7.72	113	195389	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	10.18	98	711357	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
62) 4-Bromofluorobenzene	12.48	95	251935	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	151363	42.002	ug/l	100
3) Chloromethane	2.12	50	217959	40.694	ug/l	100
4) Vinyl Chloride	2.25	62	229057	44.075	ug/l	100
5) Bromomethane	2.65	94	163162	45.599	ug/l	100
6) Chloroethane	2.80	64	151430	45.482	ug/l	100
7) Trichlorofluoromethane	3.13	101	330065	44.925	ug/l	100
8) Diethyl Ether	3.54	74	111451	44.306	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	200609	45.559	ug/l	100
10) Methyl Iodide	4.10	142	235128	43.758	ug/l	100
11) Tert butyl alcohol	4.96	59	97994	203.826	ug/l	100
12) 1,1-Dichloroethene	3.88	96	189640	45.265	ug/l	100
13) Acrolein	3.74	56	84936	195.833	ug/l	100
14) Allyl chloride	4.49	41	288556	40.205	ug/l	100
15) Acrylonitrile	5.17	53	271200	211.684	ug/l	100
16) Acetone	3.95	43	222461	202.763	ug/l	100
17) Carbon Disulfide	4.20	76	587272	44.130	ug/l	100
18) Methyl Acetate	4.48	43	117286	39.343	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	541888	44.697	ug/l	100
20) Methylene Chloride	4.72	84	230814	36.438	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	217642	45.731	ug/l	100
22) Diisopropyl ether	6.13	45	649153	41.956	ug/l	100
23) Vinyl Acetate	6.07	43	2175311	211.267	ug/l	100
24) 1,1-Dichloroethane	6.02	63	370228	43.493	ug/l	100
25) 2-Butanone	6.99	43	358571	204.495	ug/l	100
26) 2,2-Dichloropropane	6.99	77	330516	42.753	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	241080	45.257	ug/l	100
28) Bromochloromethane	7.34	49	162906	43.603	ug/l	100
29) Tetrahydrofuran	7.35	42	242876	207.921	ug/l	100
30) Chloroform	7.52	83	378867	44.725	ug/l	100
31) Cyclohexane	7.78	56	347445	41.473	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	338745	43.899	ug/l	100
36) 1,1-Dichloropropene	7.93	75	303268	45.610	ug/l	100
37) Ethyl Acetate	7.08	43	165501	42.254	ug/l	100
38) Carbon Tetrachloride	7.91	117	318535	46.028	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	381350	46.261	ug/l	100
40) Benzene	8.16	78	833492	45.766	ug/l	100
41) Methacrylonitrile	7.35	41	223876	107.261	ug/l #	44
42) 1,2-Dichloroethane	8.24	62	255918	44.722	ug/l	100
43) Isopropyl Acetate	8.28	43	319199	42.846	ug/l	100
44) Trichloroethene	8.94	130	255060	47.776	ug/l	100
45) 1,2-Dichloropropane	9.22	63	216624	44.405	ug/l	100
46) Dibromomethane	9.31	93	127353	46.464	ug/l	100
47) Bromodichloromethane	9.50	83	301423	45.129	ug/l	100
48) Methyl methacrylate	9.29	41	144060	42.481	ug/l	100
49) 1,4-Dioxane	9.30	88	33034	975.921	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	835489	216.550	ug/l	100
52) Toluene	10.24	92	535085	46.511	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	317910	45.475	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	360740	45.121	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	177124	46.669	ug/l	100
56) Ethyl methacrylate	10.51	69	253313	46.372	ug/l	100
57) 1,3-Dichloropropane	10.79	76	305098	45.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	632629	228.431	ug/l	100
59) 2-Hexanone	10.83	43	585698	217.449	ug/l	100
60) Dibromochloromethane	10.99	129	227168	46.657	ug/l	100
61) 1,2-Dibromoethane	11.09	107	175327	46.677	ug/l	100
64) Tetrachloroethene	10.72	164	270679	49.395	ug/l	100
65) Chlorobenzene	11.52	112	591482	46.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	229342	46.519	ug/l	100
67) Ethyl Benzene	11.59	91	1065122	46.058	ug/l	100
68) m/p-Xylenes	11.70	106	803150	93.365	ug/l	100
69) o-Xylene	12.03	106	379009	46.713	ug/l	100
70) Styrene	12.04	104	655222	47.255	ug/l	100
71) Bromoform	12.20	173	154882	47.280	ug/l #	100
73) Isopropylbenzene	12.33	105	1042836	46.520	ug/l	100
74) N-amyl acetate	12.14	43	300548	42.185	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	200632	44.715	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	276578	83.062	ug/l #	100
77) Bromobenzene	12.61	156	263734	45.940	ug/l	100
78) n-propylbenzene	12.67	91	1237088	45.999	ug/l	100
79) 2-Chlorotoluene	12.75	91	685223	45.658	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	871836	46.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	75365	43.988	ug/l	100
82) 4-Chlorotoluene	12.85	91	717236	45.928	ug/l	100
83) tert-Butylbenzene	13.07	119	774081	46.872	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	880133	46.472	ug/l	100
85) sec-Butylbenzene	13.25	105	1060009	46.621	ug/l	100
86) p-Isopropyltoluene	13.37	119	993758	47.109	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	500705	46.702	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	492432	46.589	ug/l	100
89) n-Butylbenzene	13.69	91	940888	46.745	ug/l	100
90) Hexachloroethane	13.96	117	182999	44.164	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	440824	46.028	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31980	41.172	ug/l	100

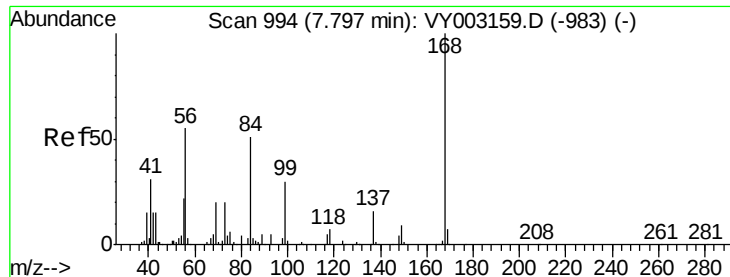
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	311448	44.059	ug/l	100
94) Hexachlorobutadiene	15.11	225	211482	46.873	ug/l	100
95) Naphthalene	15.23	128	514628	40.649	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	243874	40.449	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

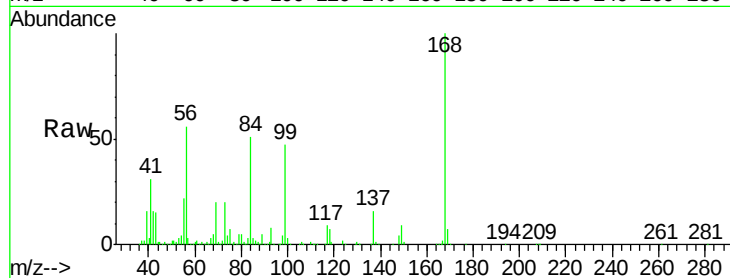
VSTDICCC050

Tgt Ion:168 Resp: 491377

Ion Ratio Lower Upper

168 100

99 46.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

150000

100000

50000

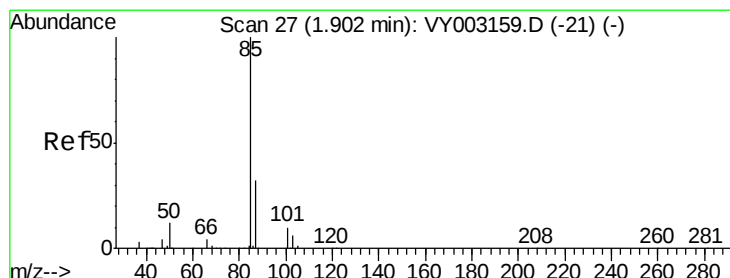
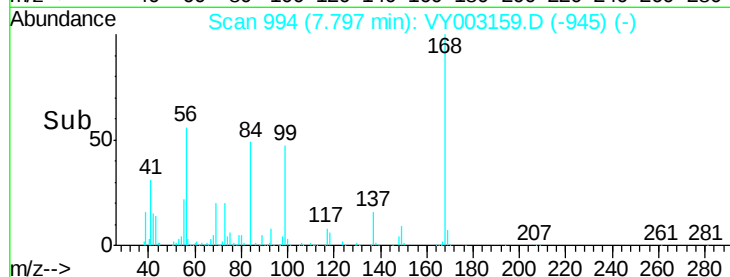
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.002 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003159.D

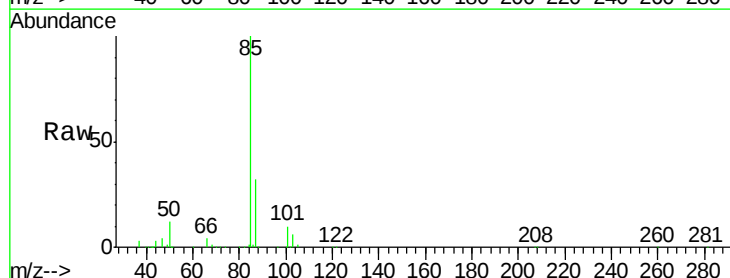
Acq: 10 Jul 2020 12:16

Tgt Ion: 85 Resp: 151363

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

100000

80000

60000

40000

20000

0

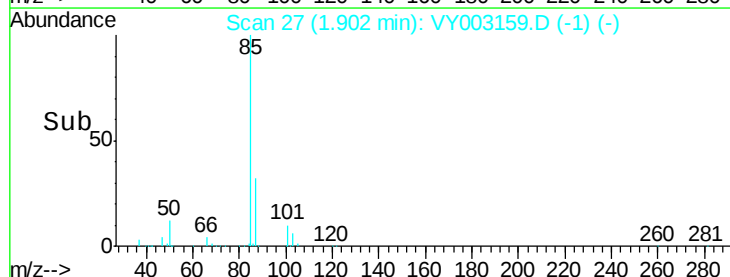
1.80

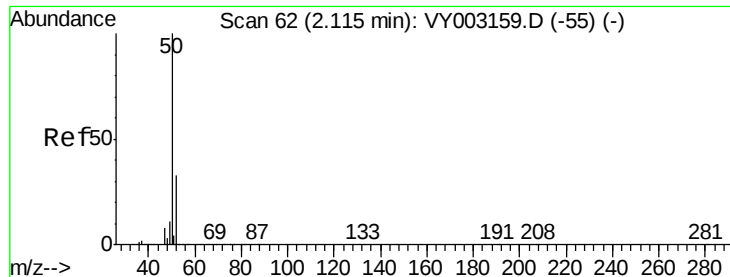
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 40.694 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

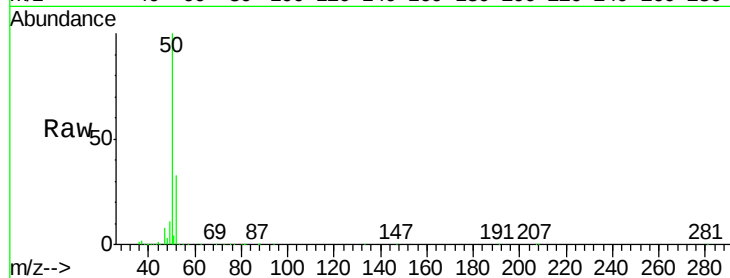
VSTDICCC050

Tgt Ion: 50 Resp: 217959

Ion Ratio Lower Upper

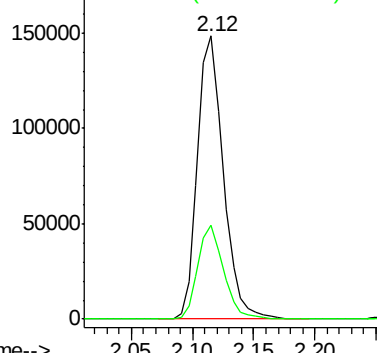
50 100

52 33.2 26.6 39.8

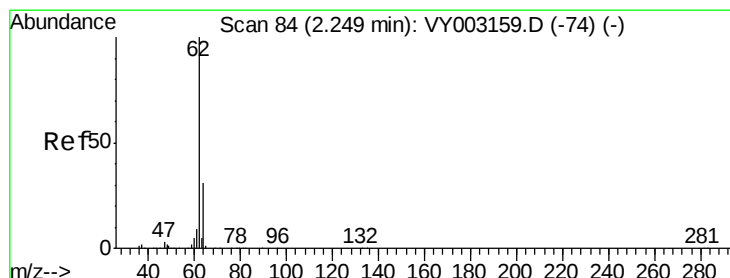
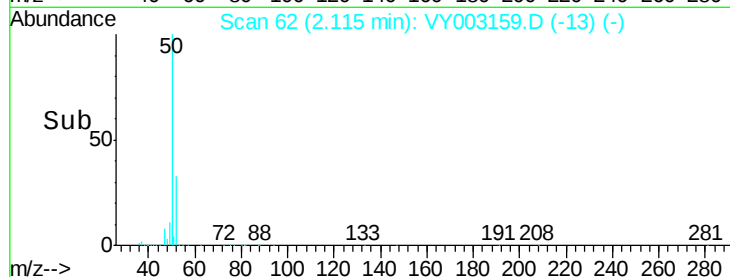


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



Time-->



#4

Vinyl Chloride

Concen: 44.075 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY003159.D

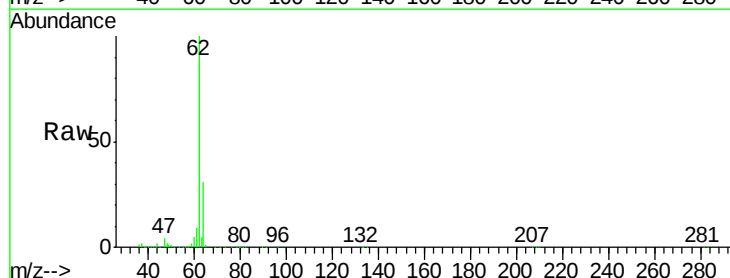
Acq: 10 Jul 2020 12:16

Tgt Ion: 62 Resp: 229057

Ion Ratio Lower Upper

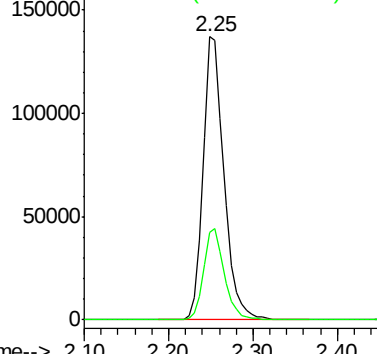
62 100

64 30.8 24.6 37.0

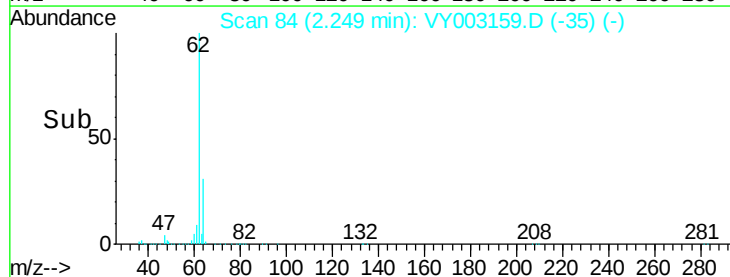


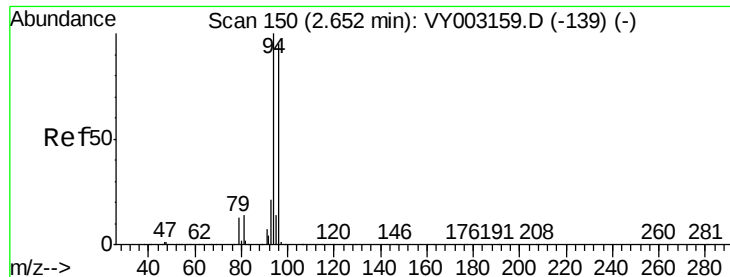
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



Time-->





#5

Bromomethane

Concen: 45.599 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

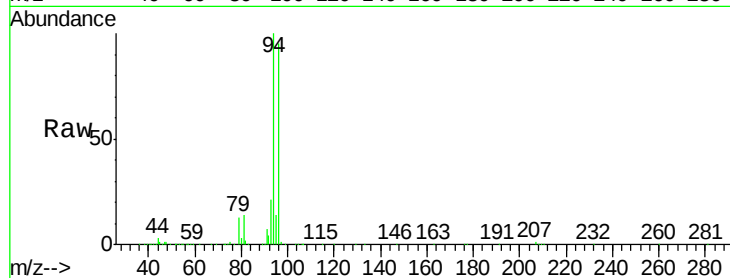
VSTDICCC050

Tgt Ion: 94 Resp: 163162

Ion Ratio Lower Upper

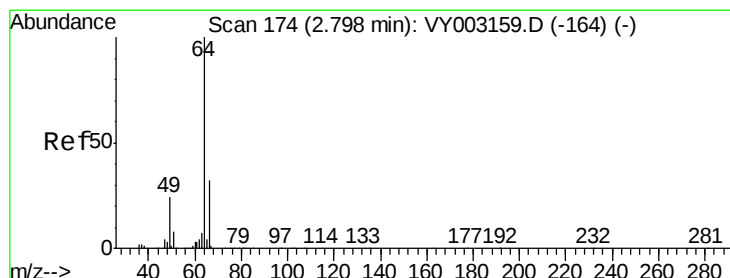
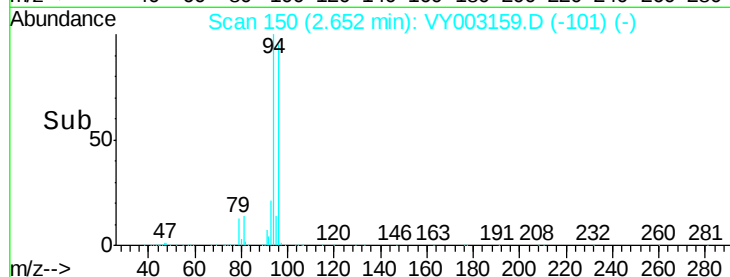
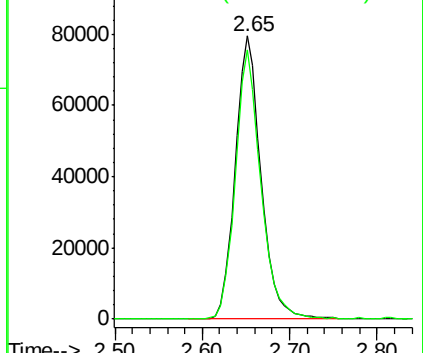
94 100

96 95.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.482 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003159.D

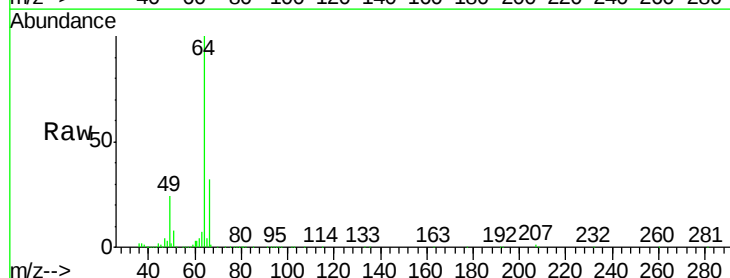
Acq: 10 Jul 2020 12:16

Tgt Ion: 64 Resp: 151430

Ion Ratio Lower Upper

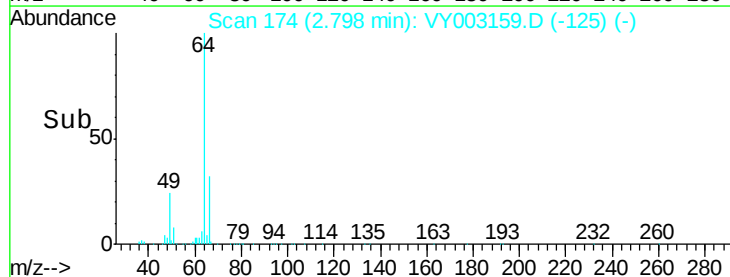
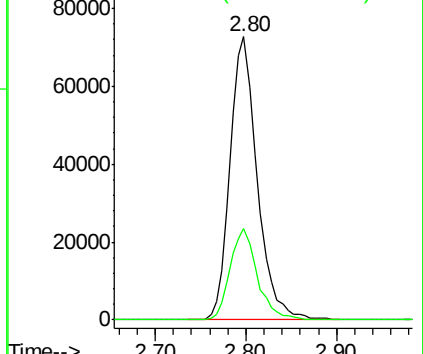
64 100

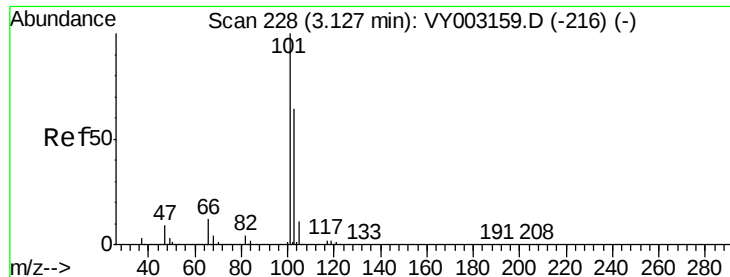
66 32.5 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



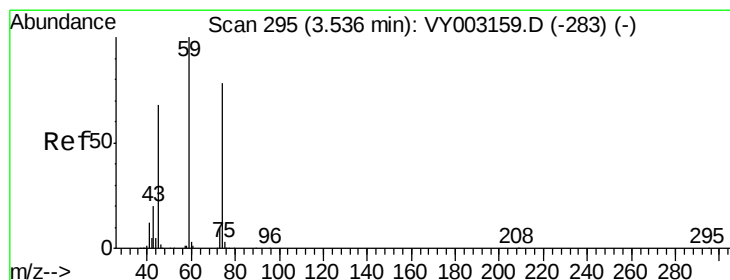
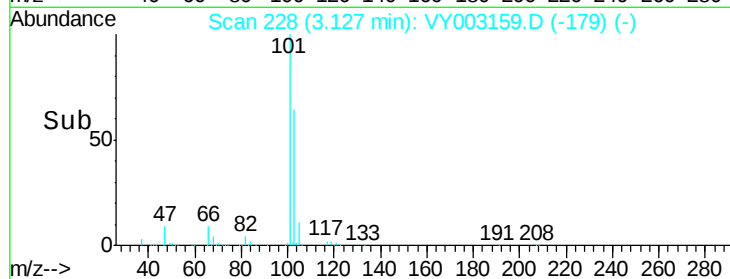
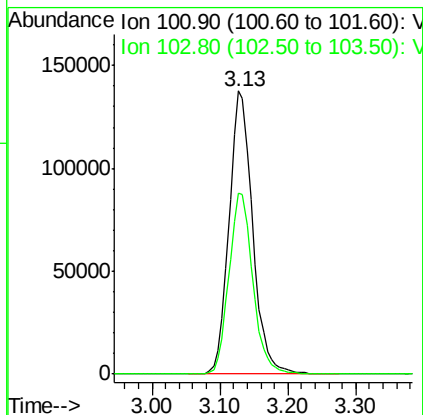
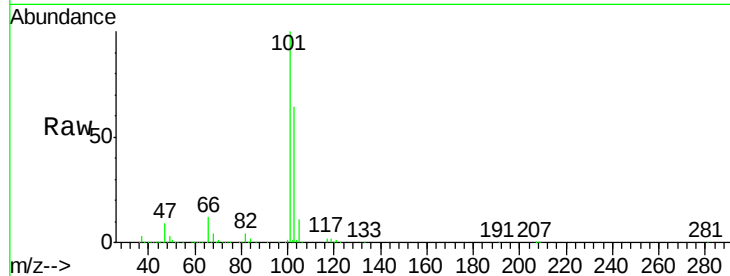


#7

Trichlorofluoromethane
 Concen: 44.925 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Instrument :
 MSVOA_Y
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 VSTDICCC050

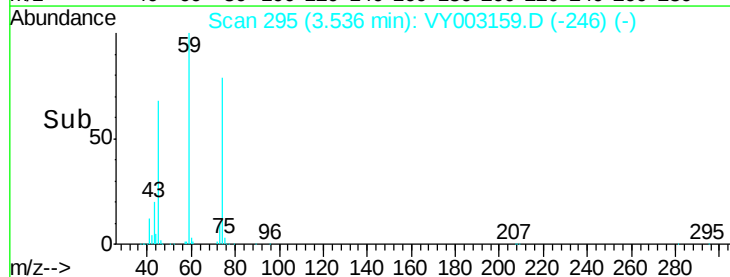
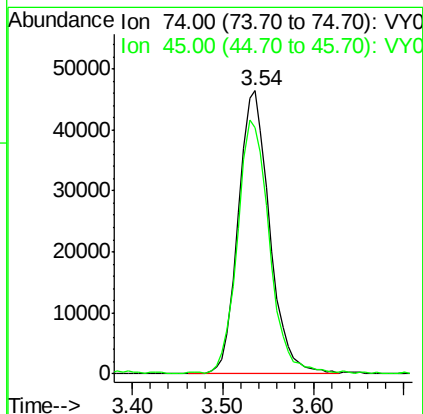
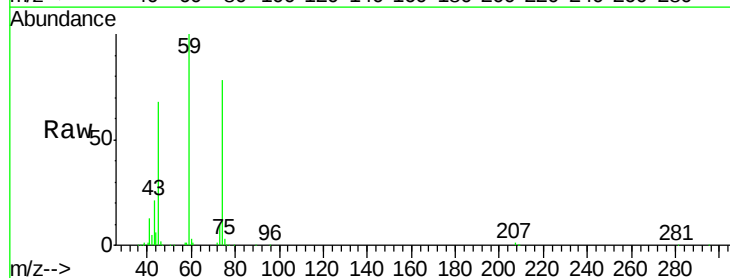
Tgt Ion: 101 Resp: 330065
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.3 76.9

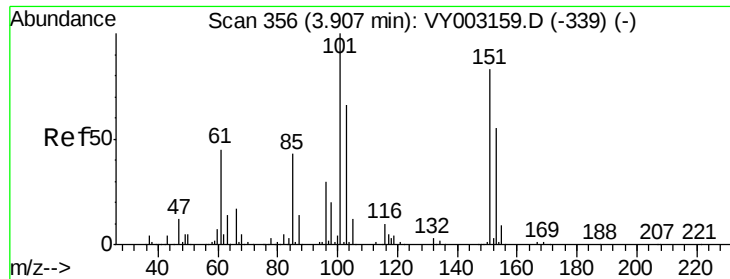


#8

Diethyl Ether
 Concen: 44.306 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion: 74 Resp: 111451
 Ion Ratio Lower Upper
 74 100
 45 90.5 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.559 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

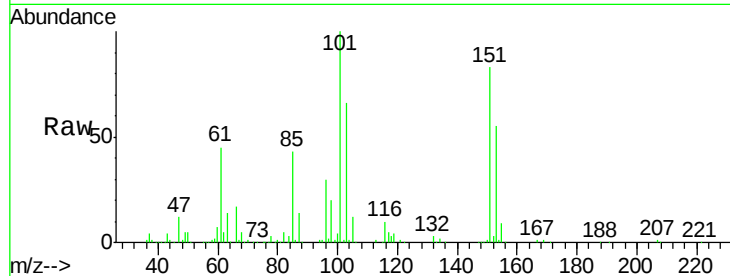
Tgt Ion:101 Resp: 200609

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

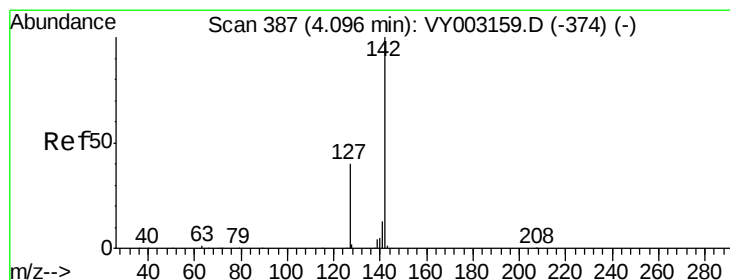
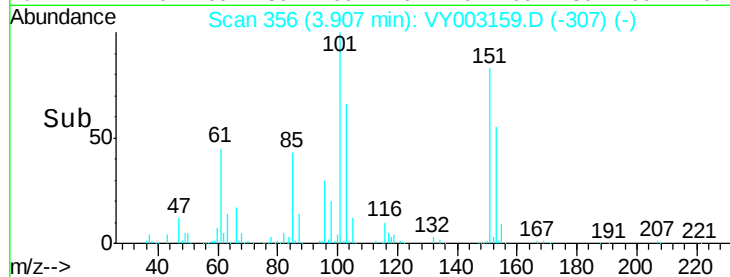
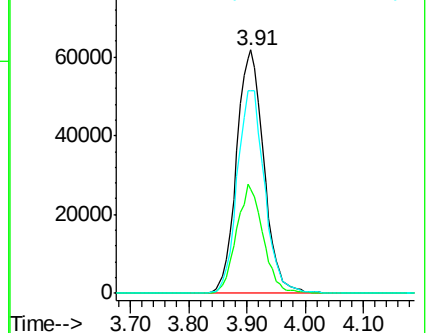
151 83.8 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.758 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

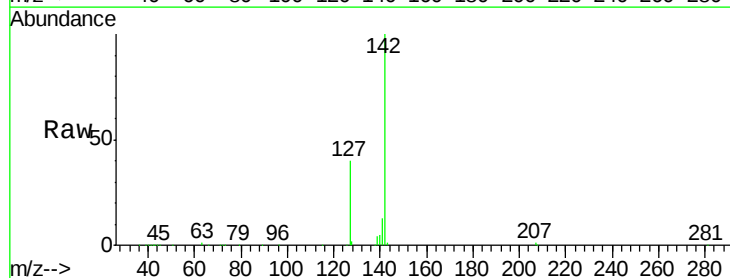
Tgt Ion:142 Resp: 235128

Ion Ratio Lower Upper

142 100

127 41.9 33.5 50.3

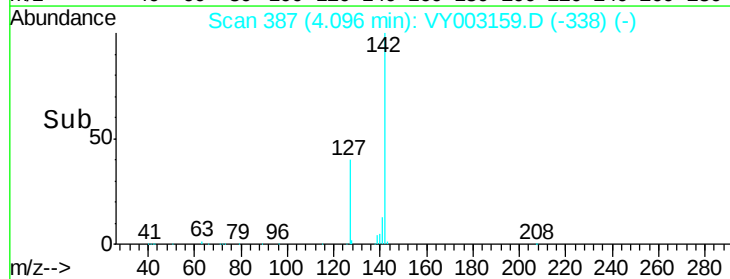
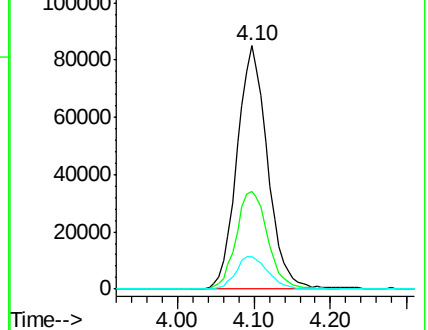
141 14.0 11.2 16.8

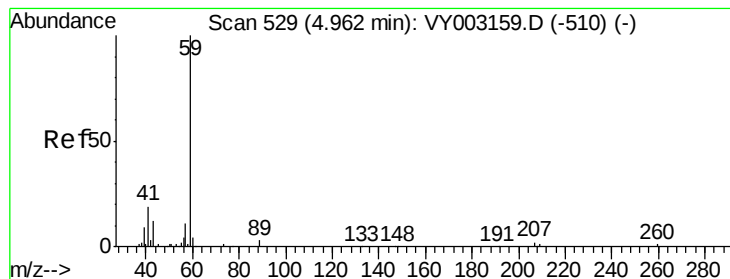


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



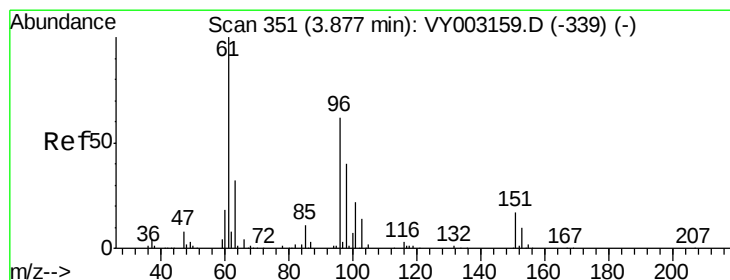
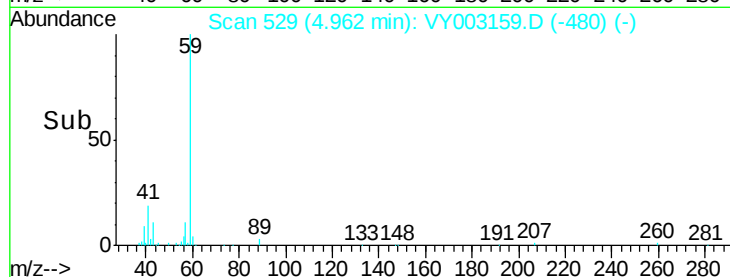
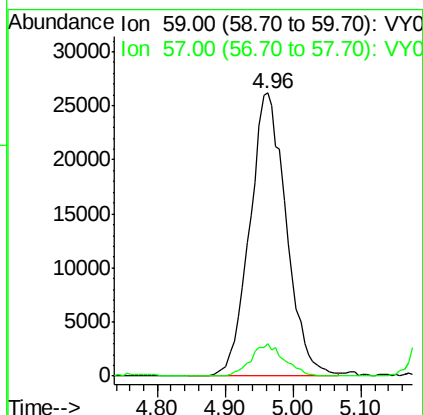
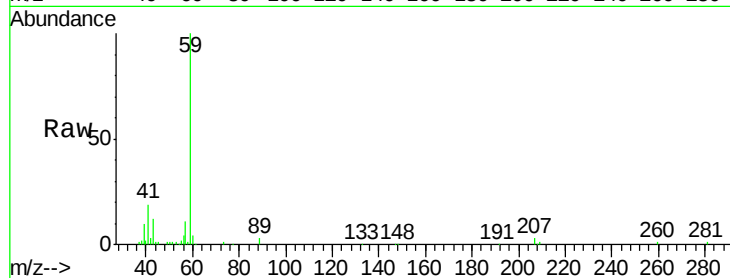


#11

Tert butyl alcohol
Concen: 203.826 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

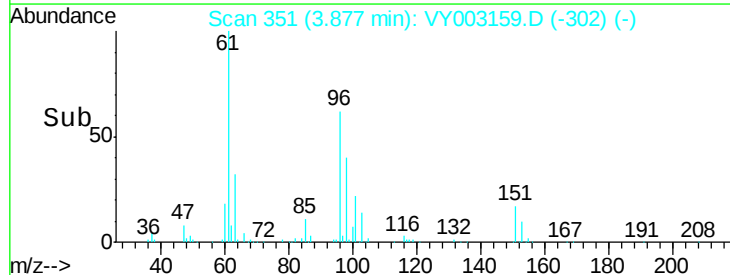
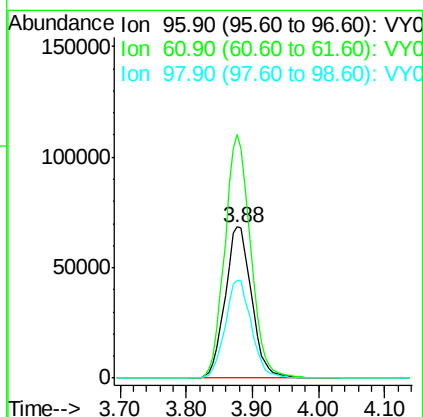
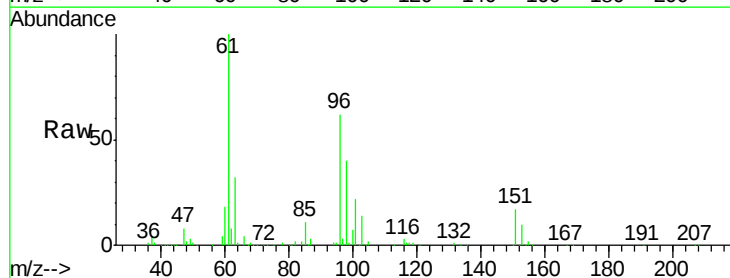
Tgt Ion: 59 Resp: 97994
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

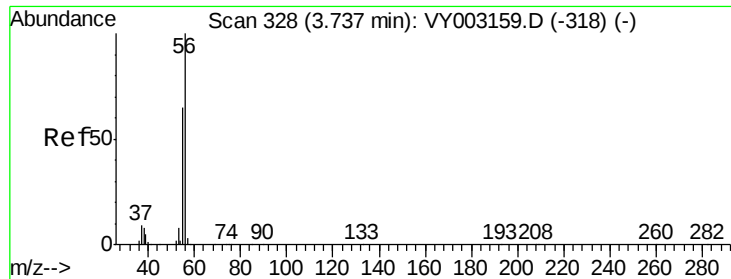


#12

1,1-Dichloroethene
Concen: 45.265 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 96 Resp: 189640
Ion Ratio Lower Upper
96 100
61 160.8 128.6 193.0
98 64.5 51.6 77.4





#13

Acrolein

Concen: 195.833 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

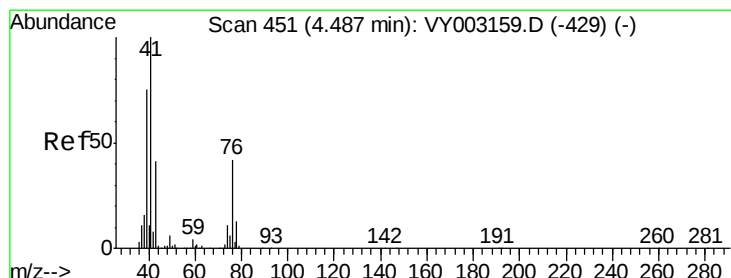
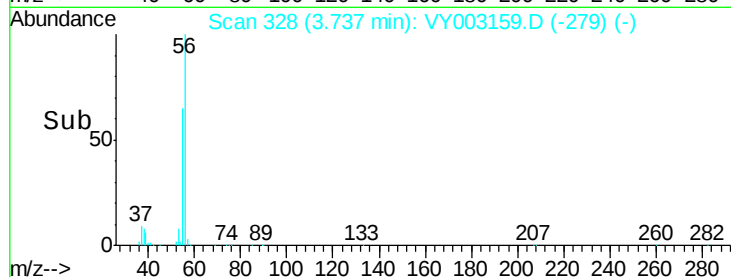
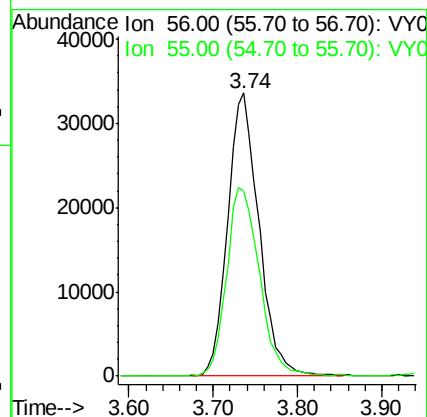
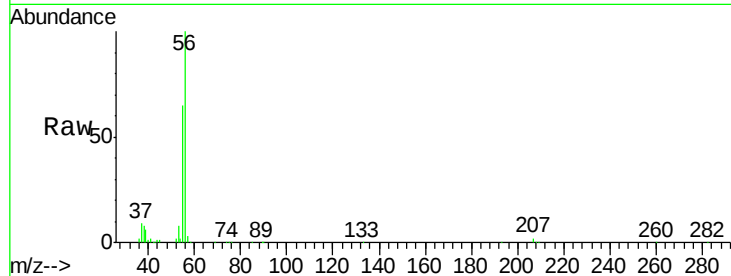
VSTDICCC050

Tgt Ion: 56 Resp: 84936

Ion Ratio Lower Upper

56 100

55 70.0 56.0 84.0



#14

Allyl chloride

Concen: 40.205 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

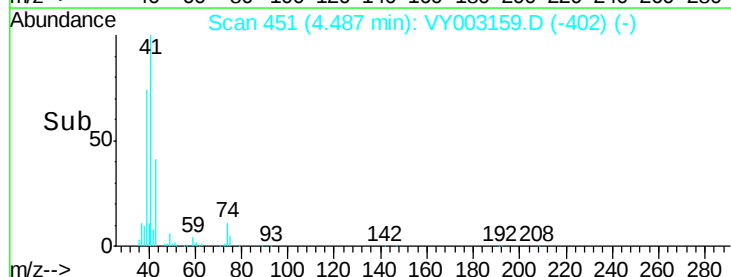
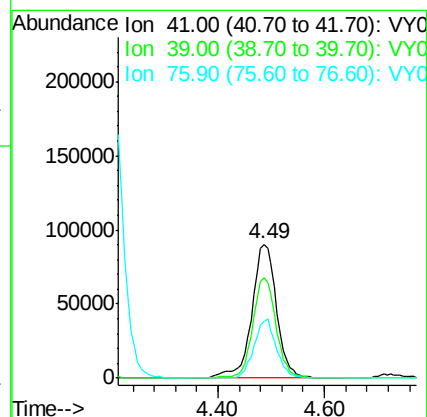
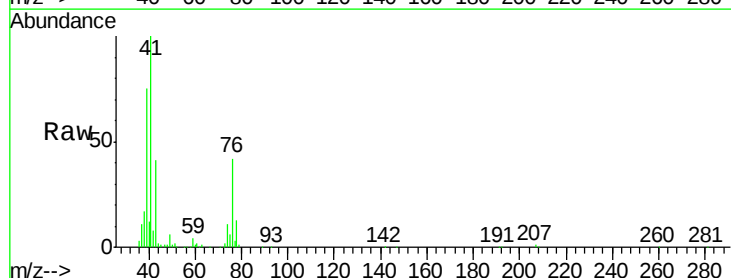
Tgt Ion: 41 Resp: 288556

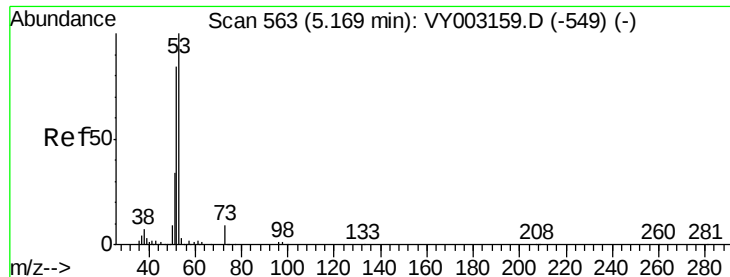
Ion Ratio Lower Upper

41 100

39 70.8 56.6 85.0

76 39.5 31.6 47.4





#15

Acrylonitrile

Concen: 211.684 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

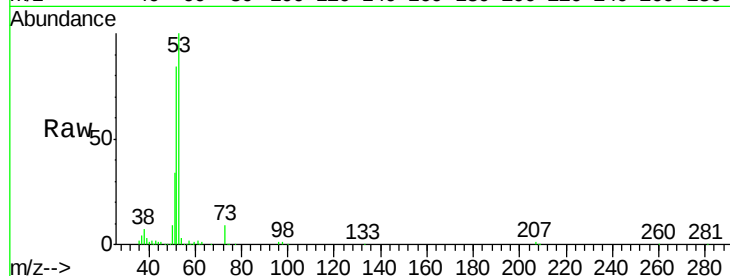
Tgt Ion: 53 Resp: 271200

Ion Ratio Lower Upper

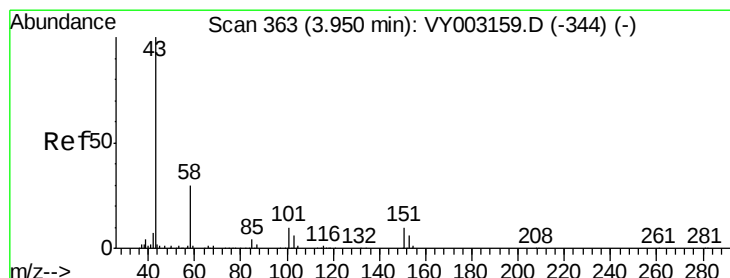
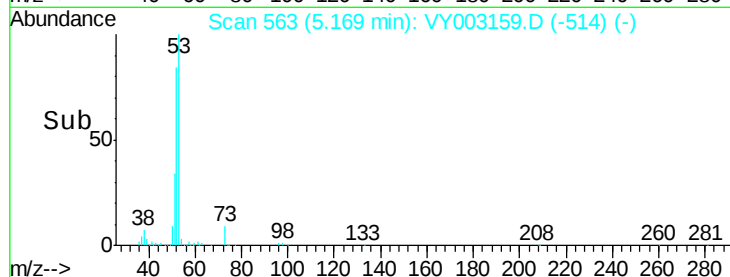
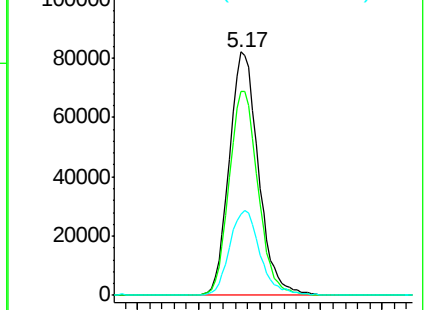
53 100

52 82.2 65.8 98.6

51 36.2 29.0 43.4



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: 202.763 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003159.D

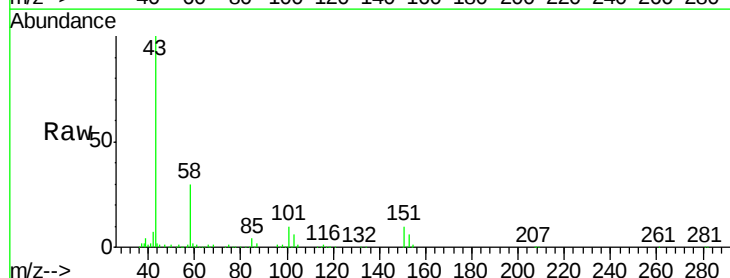
Acq: 10 Jul 2020 12:16

Tgt Ion: 43 Resp: 222461

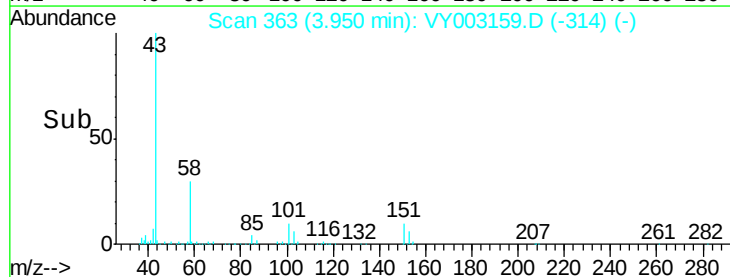
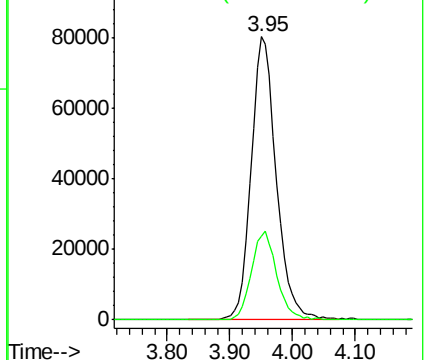
Ion Ratio Lower Upper

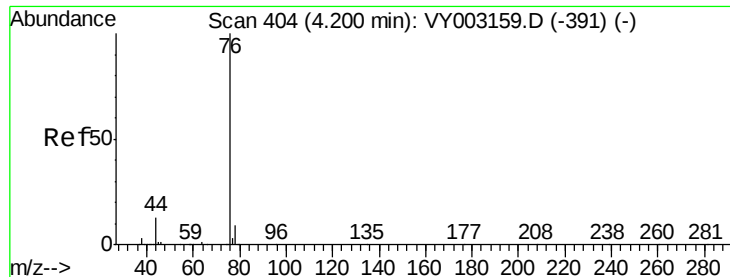
43 100

58 29.7 23.8 35.6



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

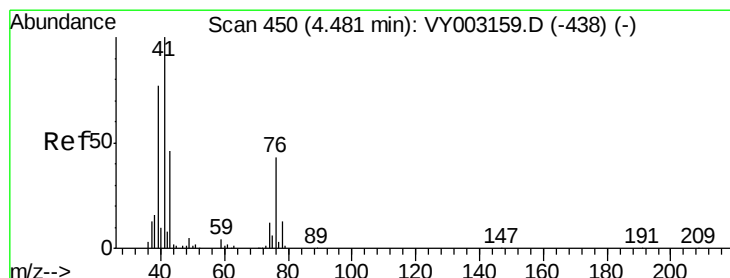
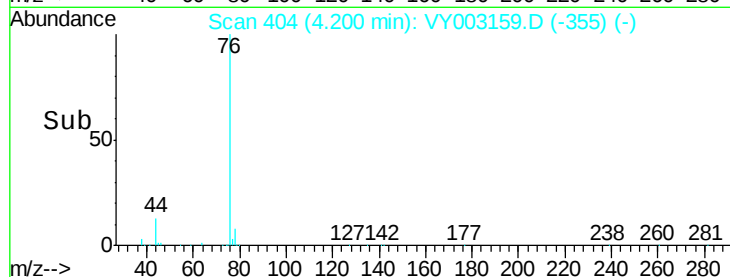
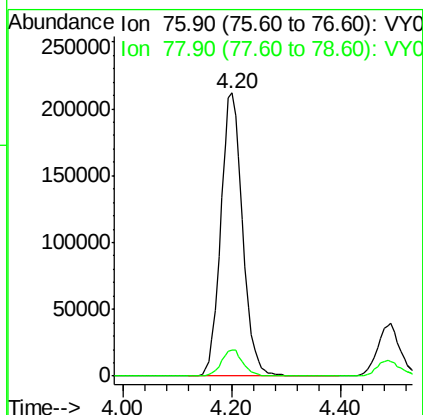
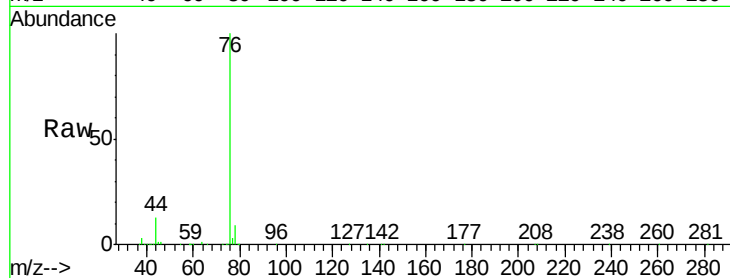




#17
Carbon Disulfide
Concen: 44.130 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

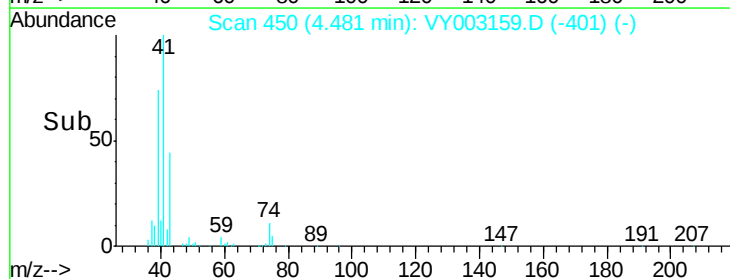
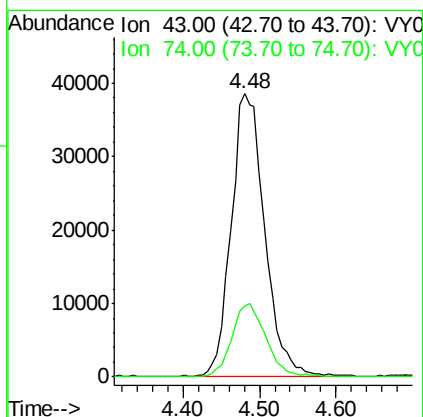
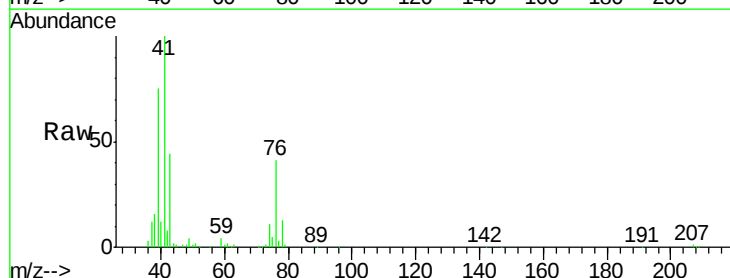
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

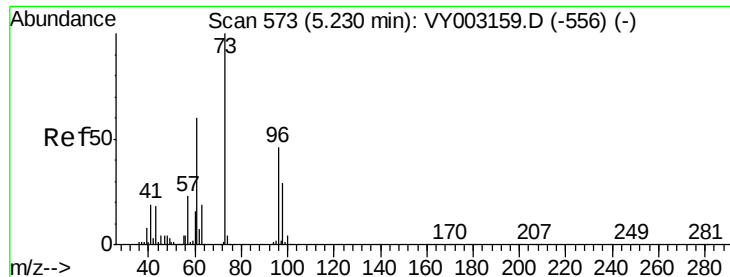
Tgt Ion: 76 Resp: 587272
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 39.343 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 43 Resp: 117286
Ion Ratio Lower Upper
43 100
74 26.0 20.8 31.2

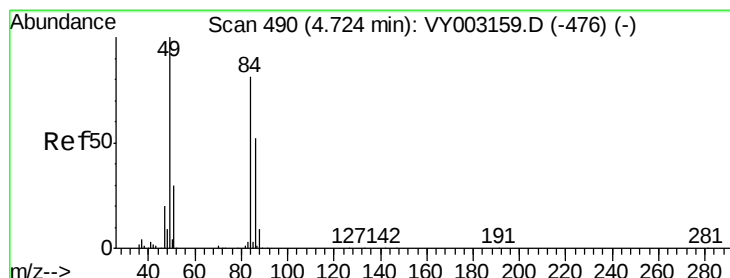
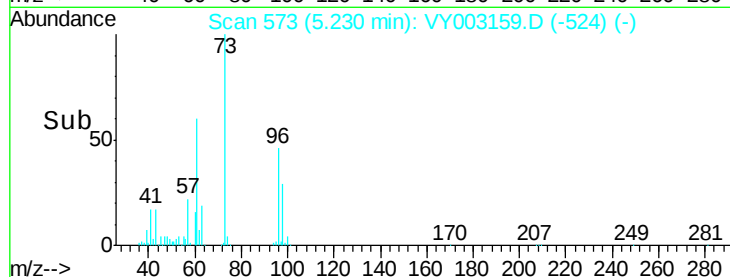
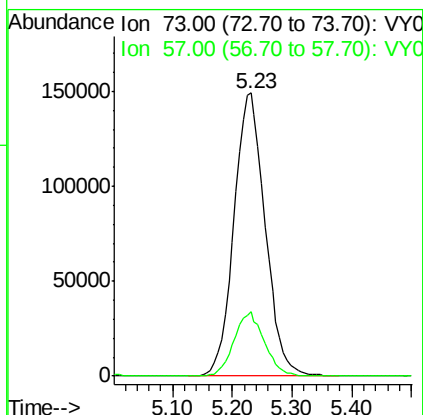
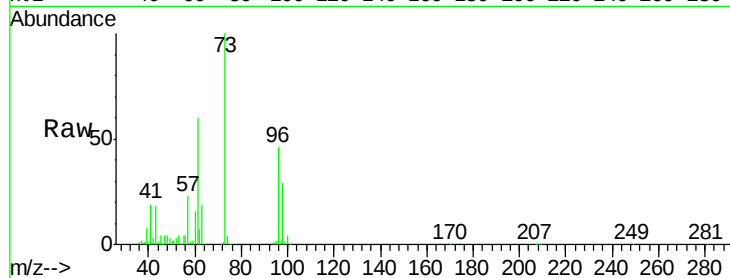




#19
Methyl tert-butyl Ether
Concen: 44.697 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

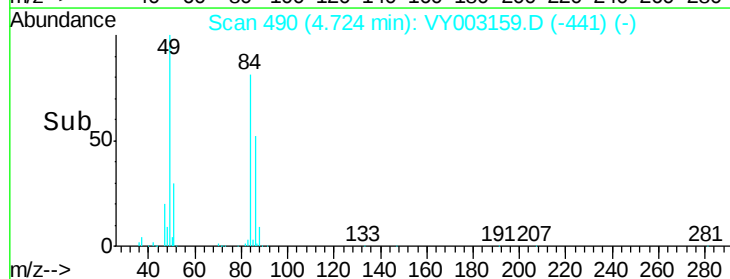
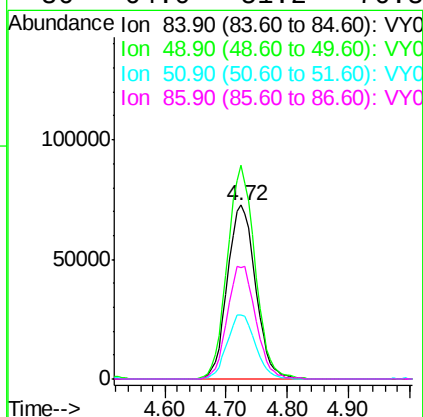
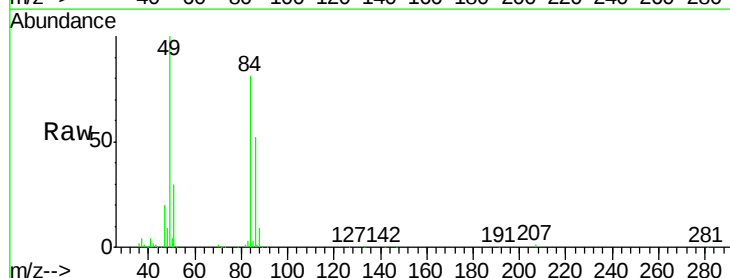
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

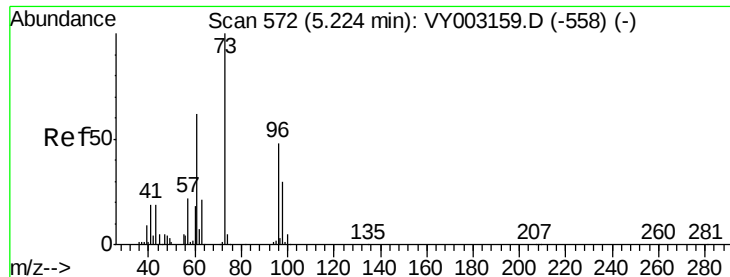
Tgt Ion: 73 Resp: 541888
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 36.438 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 84 Resp: 230814
Ion Ratio Lower Upper
84 100
49 122.8 98.2 147.4
51 37.2 29.8 44.6
86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 45.731 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

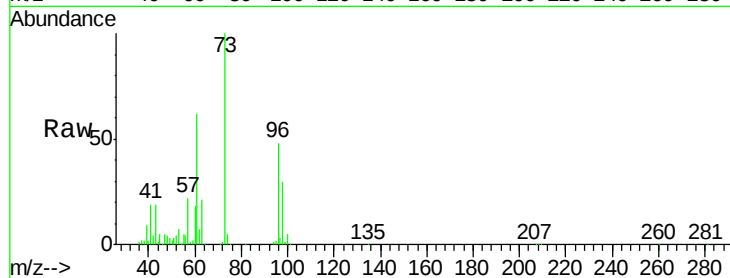
Tgt Ion: 96 Resp: 217642

Ion Ratio Lower Upper

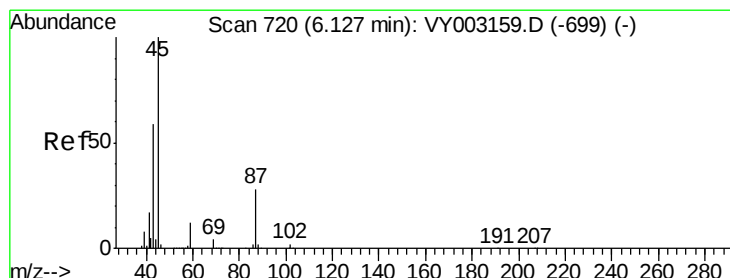
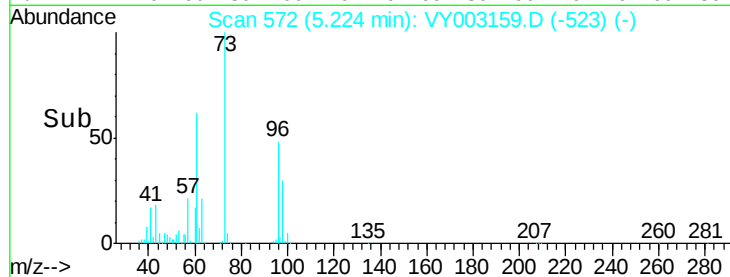
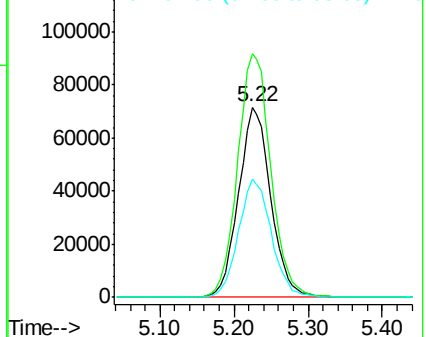
96 100

61 128.1 102.5 153.7

98 62.3 49.8 74.8



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



#22

Diisopropyl ether

Concen: 41.956 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Tgt Ion: 45 Resp: 649153

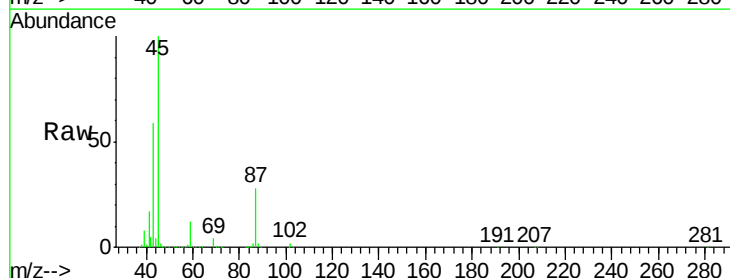
Ion Ratio Lower Upper

45 100

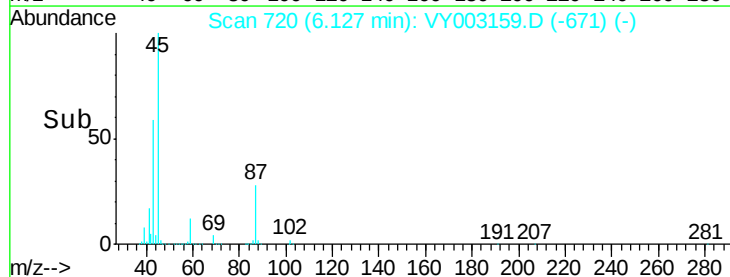
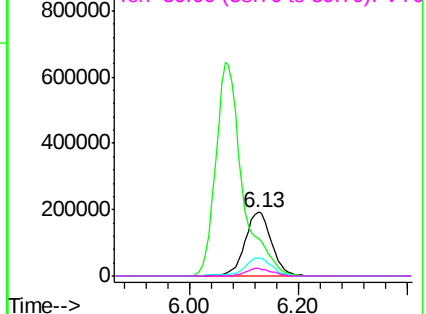
43 58.7 47.0 70.4

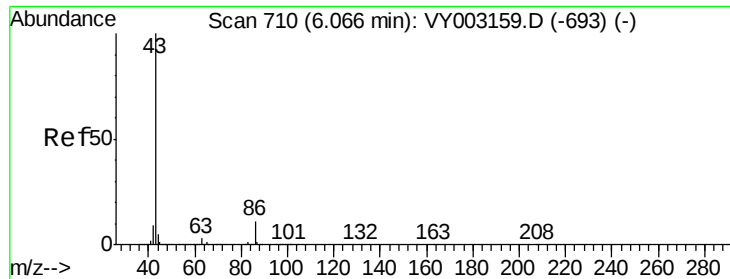
87 28.2 22.6 33.8

59 12.2 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0

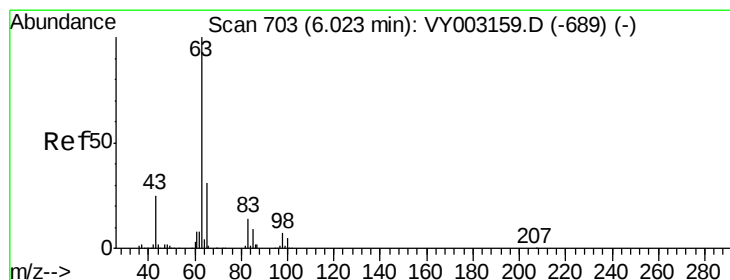
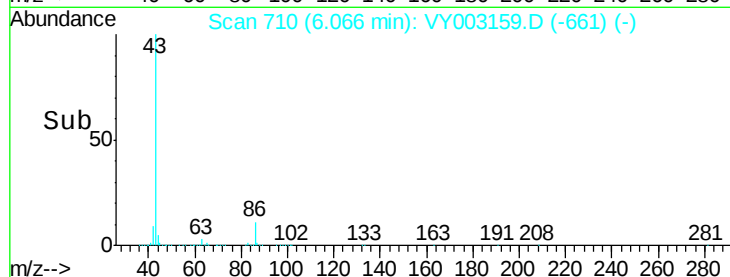
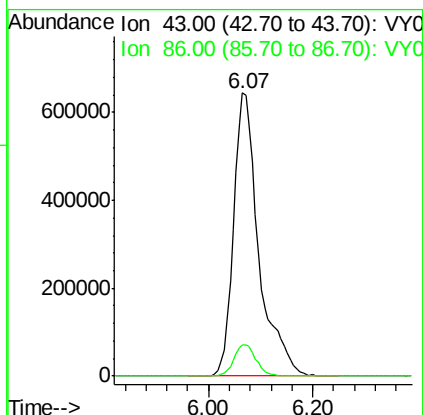
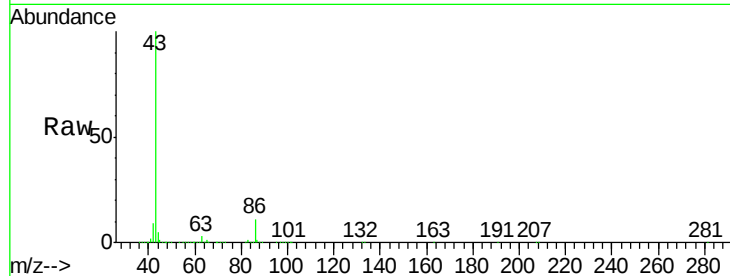




#23
 Vinyl Acetate
 Concen: 211.267 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

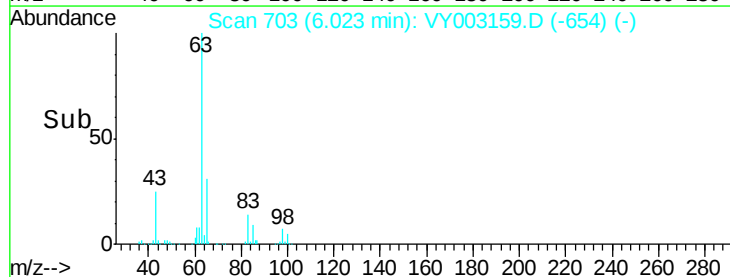
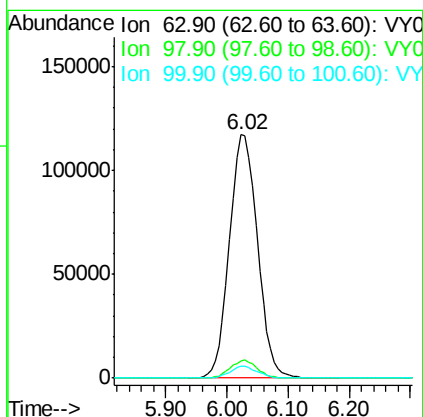
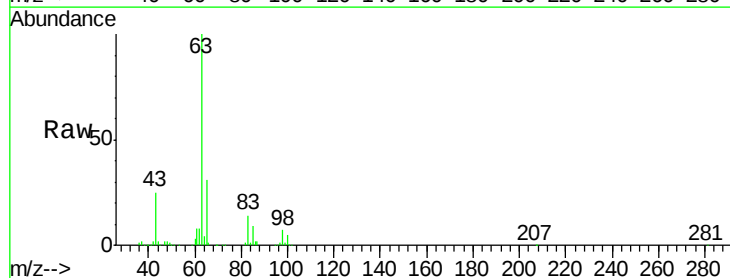
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

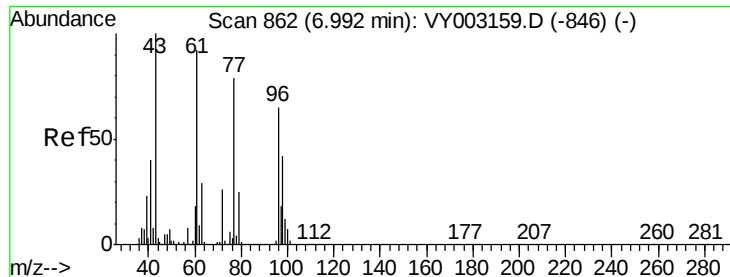
Tgt Ion: 43 Resp: 2175311
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 43.493 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion: 63 Resp: 370228
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.8 2.4 7.2

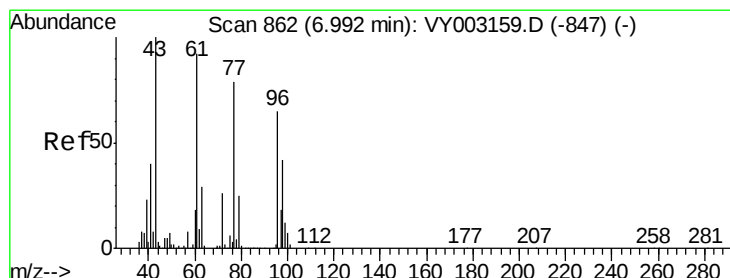
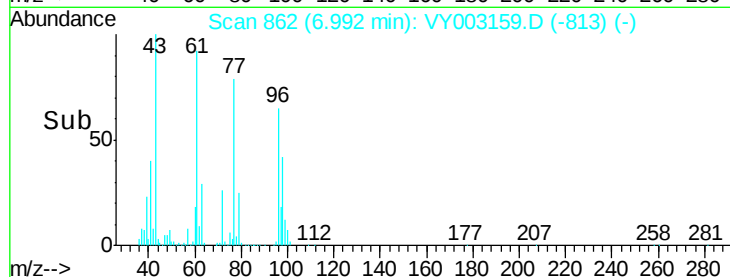
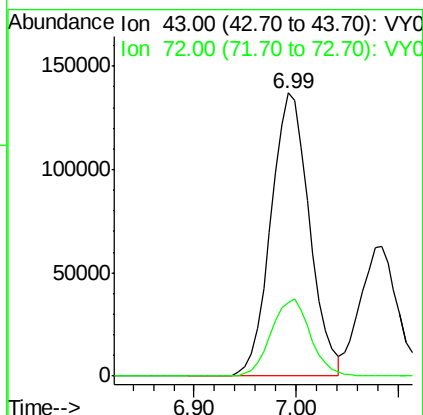
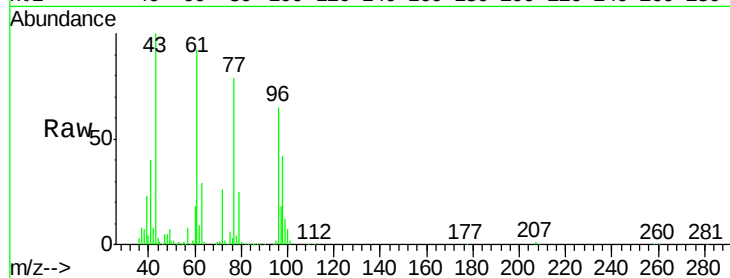




#25
2-Butanone
Concen: 204.495 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

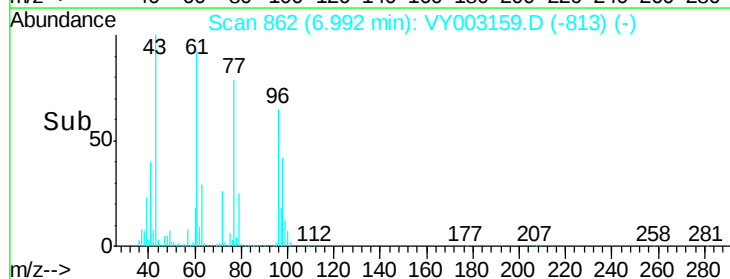
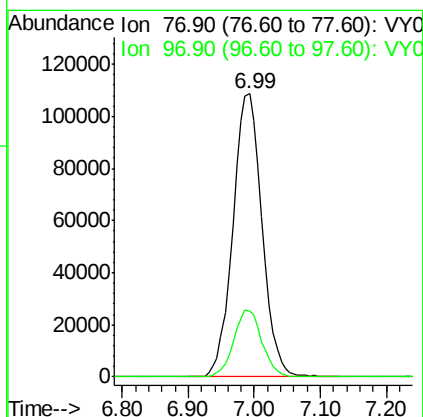
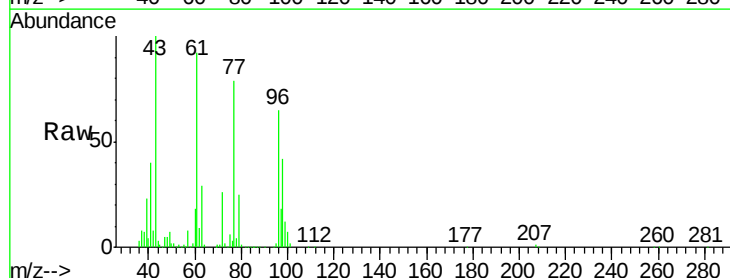
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

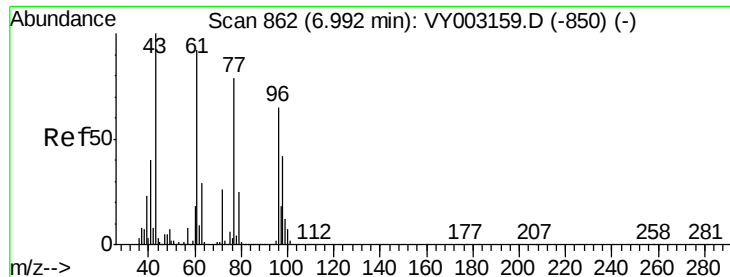
Tgt Ion: 43 Resp: 358571
Ion Ratio Lower Upper
43 100
72 26.1 20.9 31.3



#26
2,2-Dichloropropane
Concen: 42.753 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 77 Resp: 330516
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7



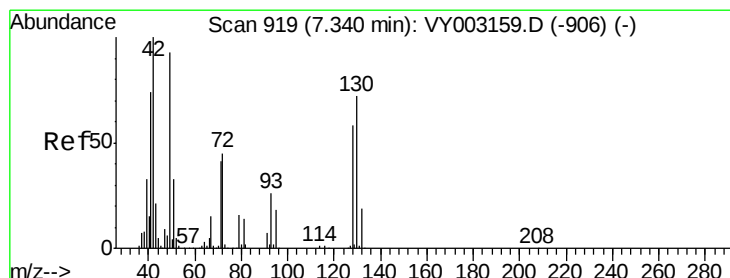
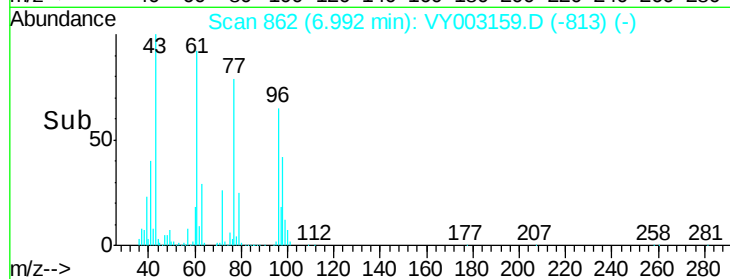
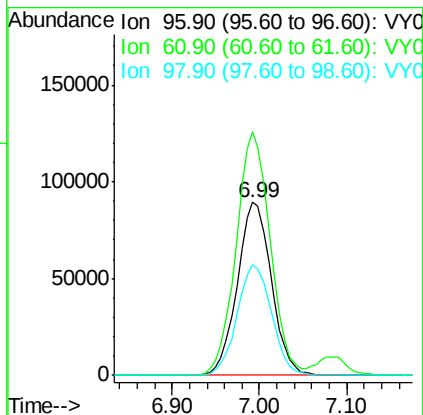
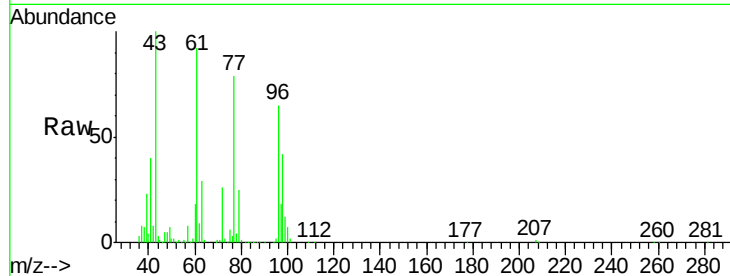


#27

cis-1,2-Dichloroethene
 Concen: 45.257 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

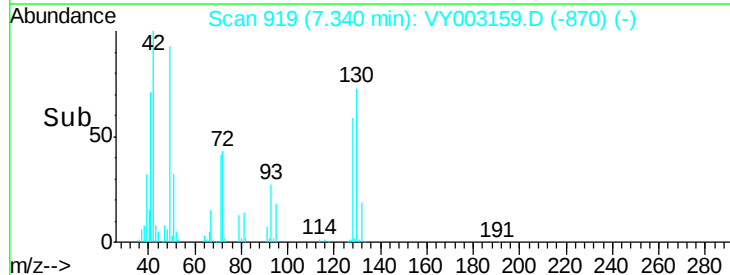
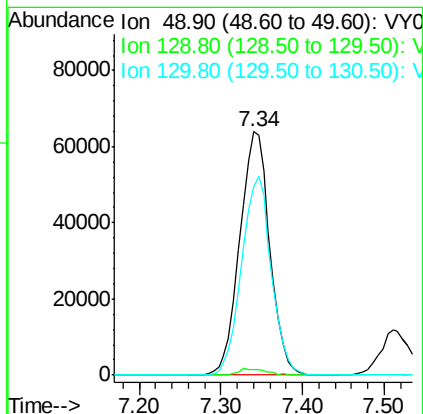
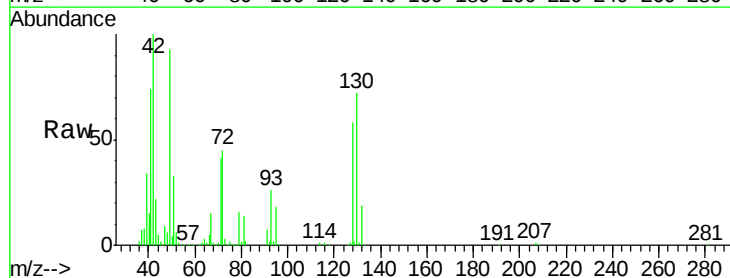
Tgt Ion: 96 Resp: 241080
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 281.2
 98 64.9 0.0 129.8

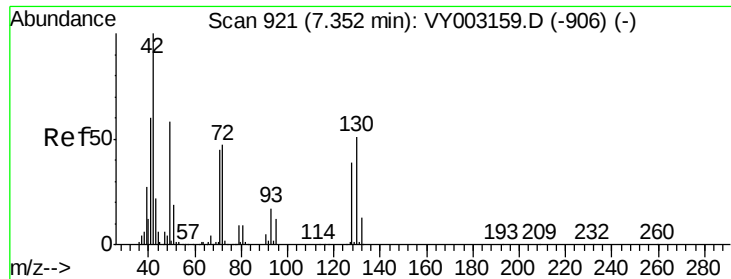


#28

Bromochloromethane
 Concen: 43.603 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion: 49 Resp: 162906
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 81.1 64.9 97.3

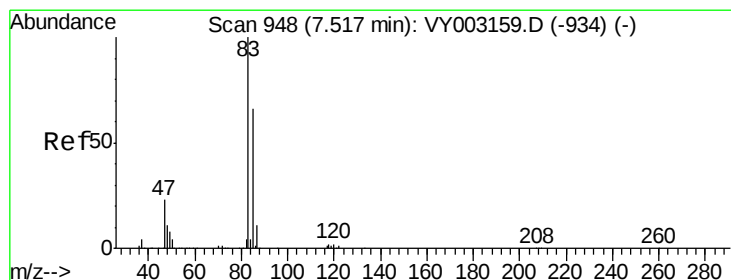
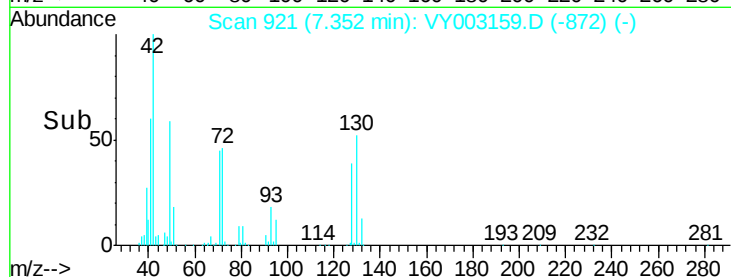
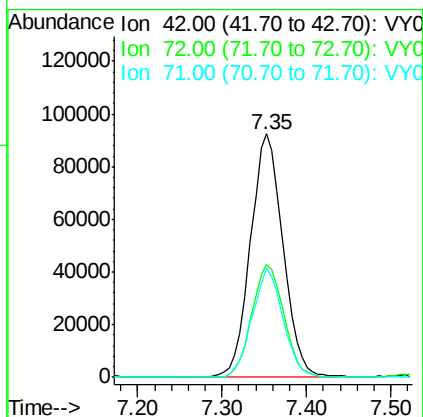
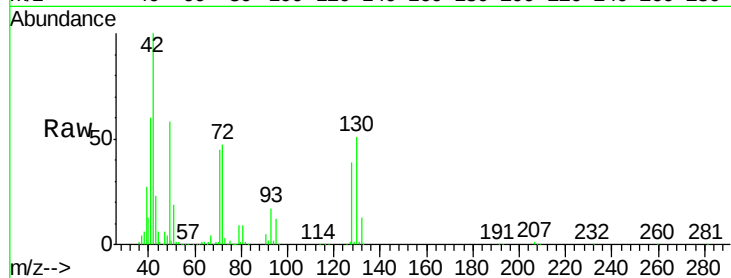




#29
Tetrahydrofuran
Concen: 207.921 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

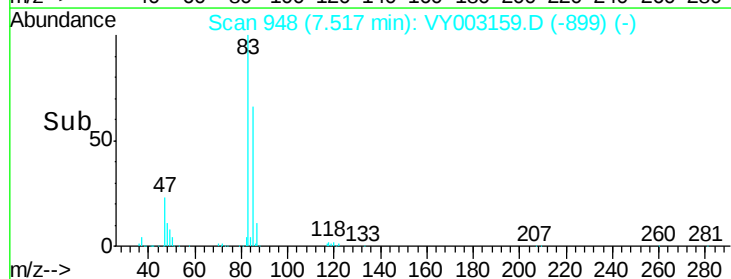
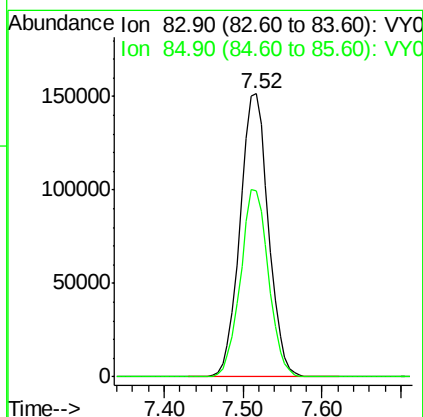
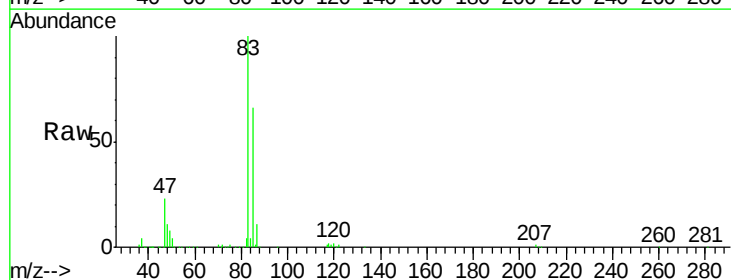
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

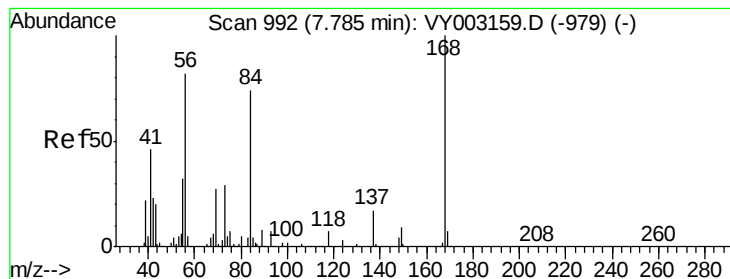
Tgt Ion: 42 Resp: 242876
Ion Ratio Lower Upper
42 100
72 45.9 36.7 55.1
71 42.8 34.2 51.4



#30
Chloroform
Concen: 44.725 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 83 Resp: 378867
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8





#31

Cyclohexane

Concen: 41.473 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

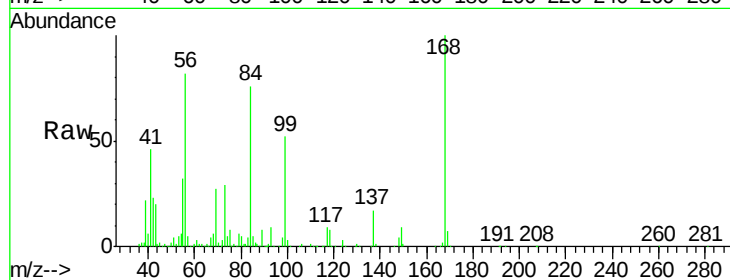
Tgt Ion: 56 Resp: 347445

Ion Ratio Lower Upper

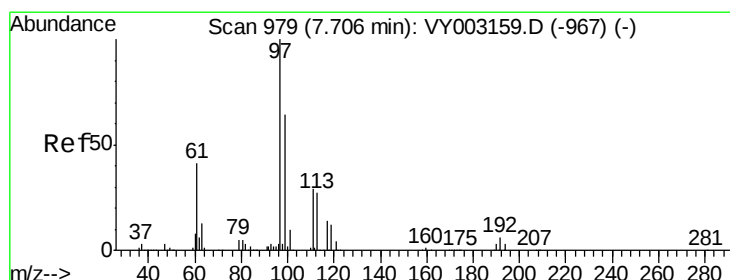
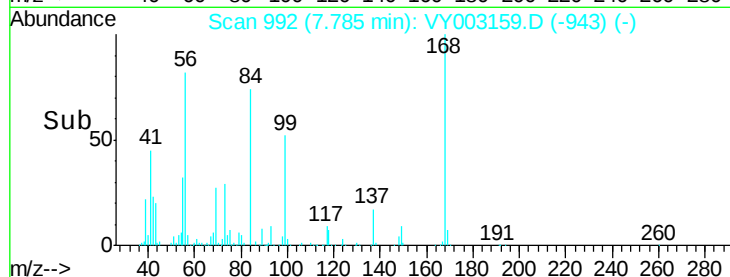
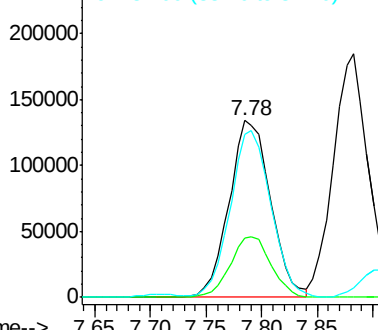
56 100

69 33.4 26.7 40.1

84 90.4 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 43.899 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

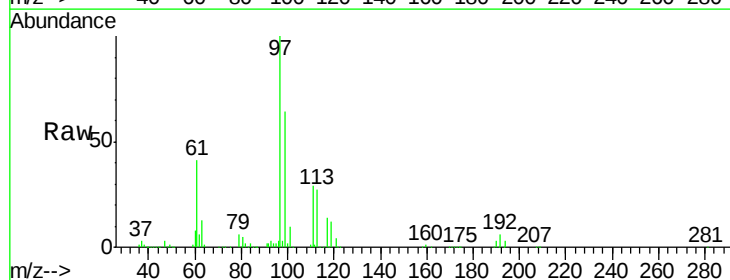
Tgt Ion: 97 Resp: 338745

Ion Ratio Lower Upper

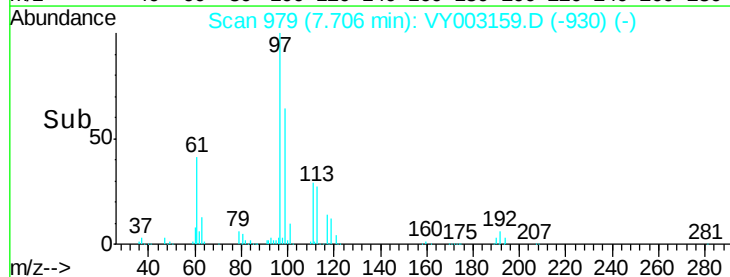
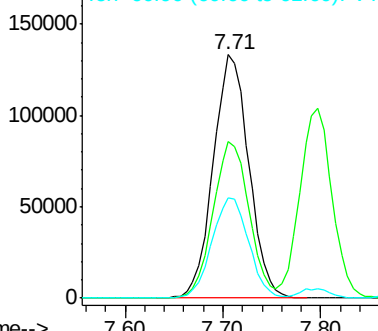
97 100

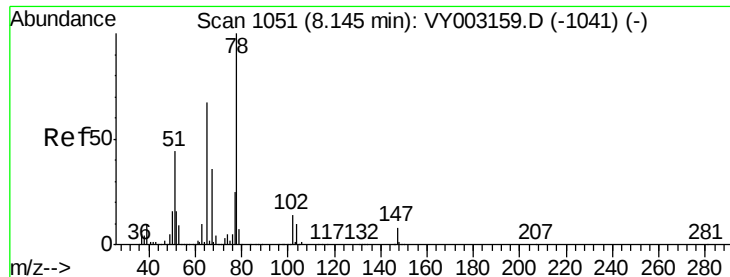
99 65.1 52.1 78.1

61 42.4 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

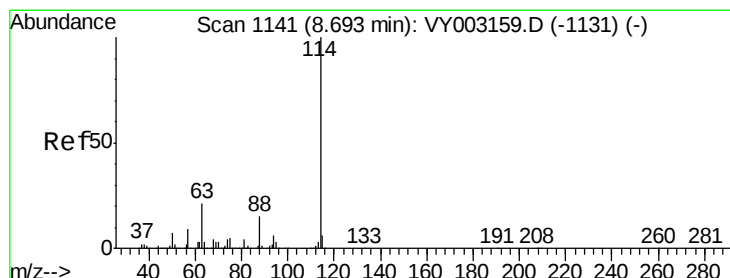
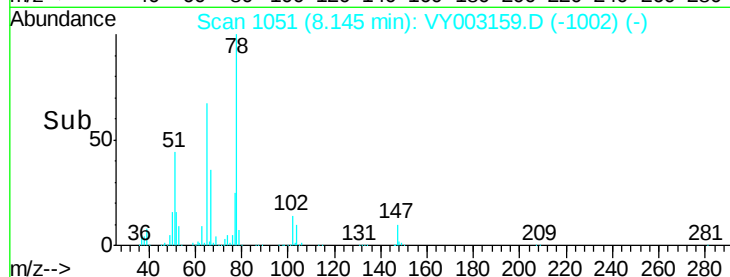
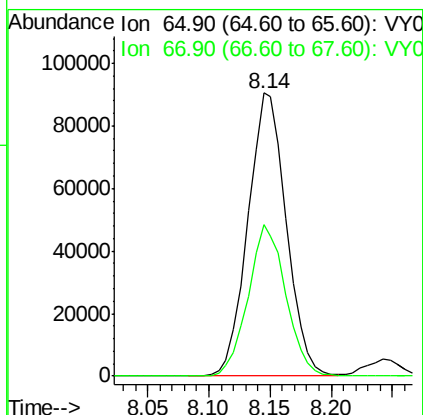
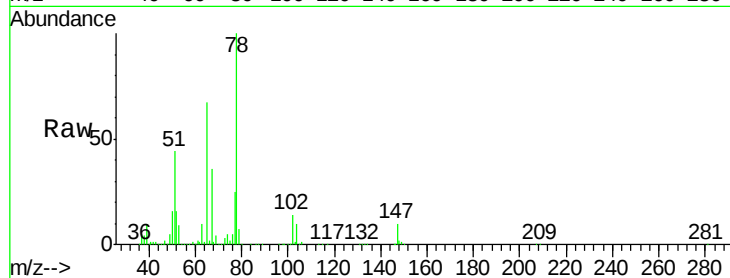




#33
 1,2-Dichloroethane-d4
 Concen: 42.069 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

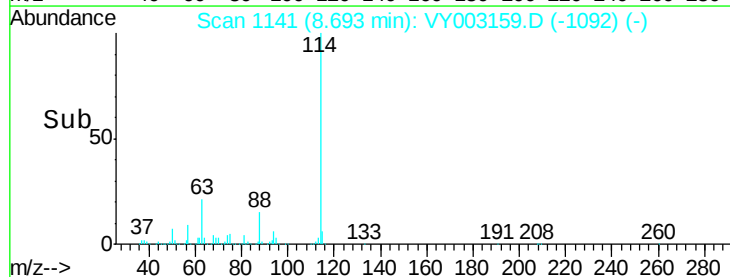
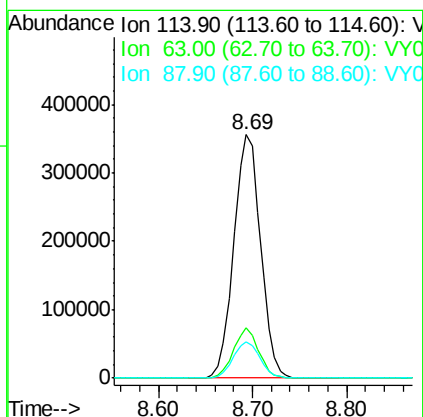
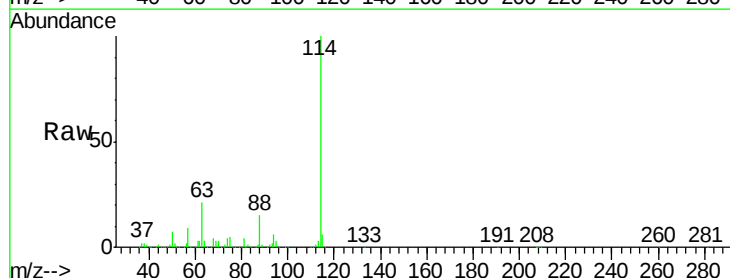
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

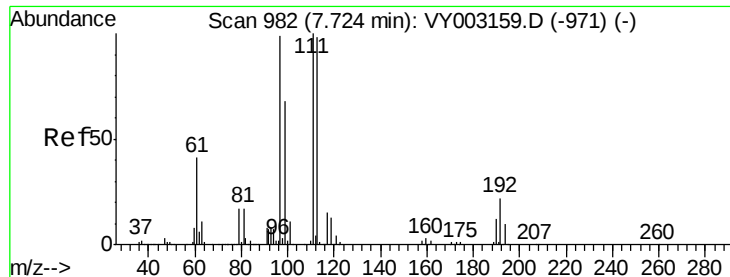
Tgt Ion: 65 Resp: 197348
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion: 114 Resp: 701904
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.786 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

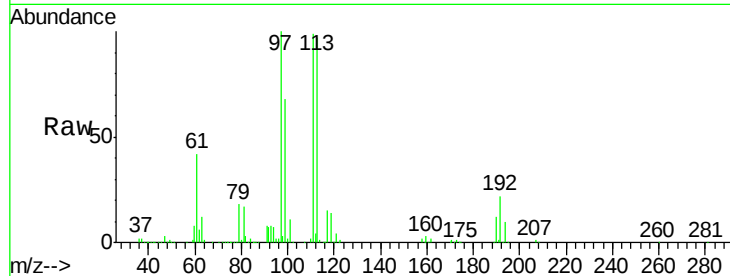
Tgt Ion:113 Resp: 195389

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

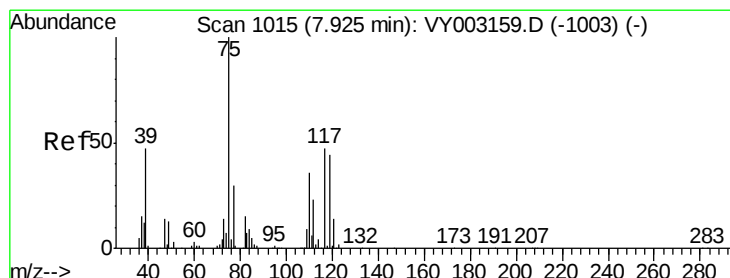
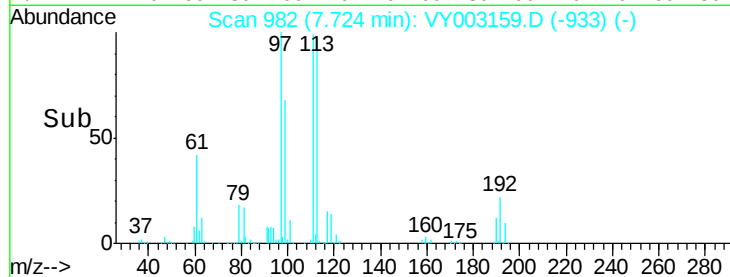
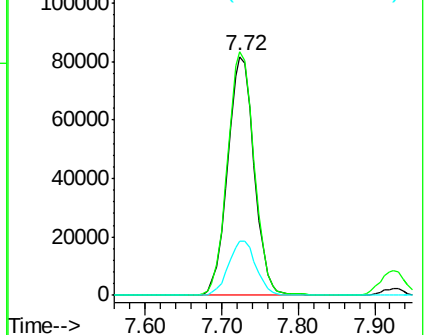
192 23.5 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.610 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

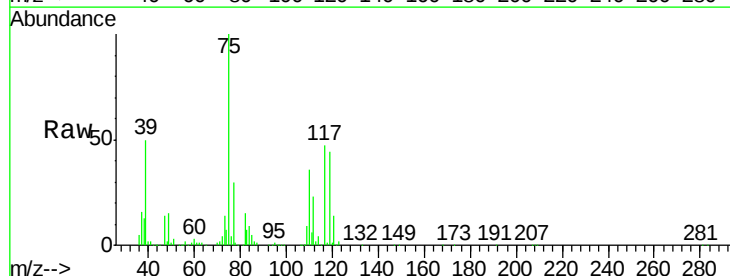
Tgt Ion: 75 Resp: 303268

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.1

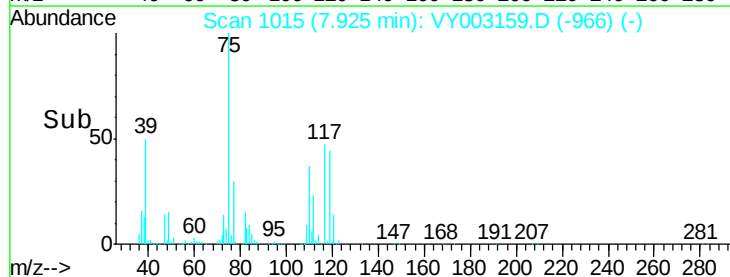
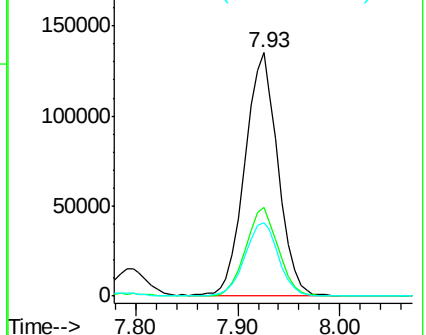
77 31.0 24.8 37.2

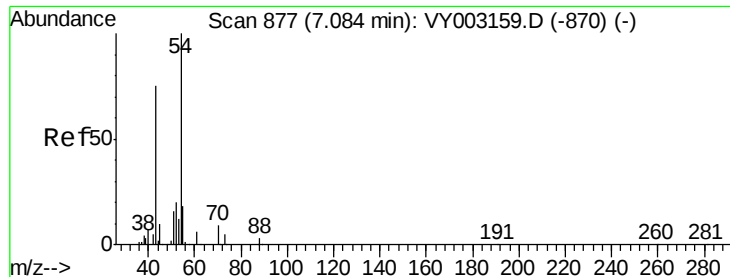


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

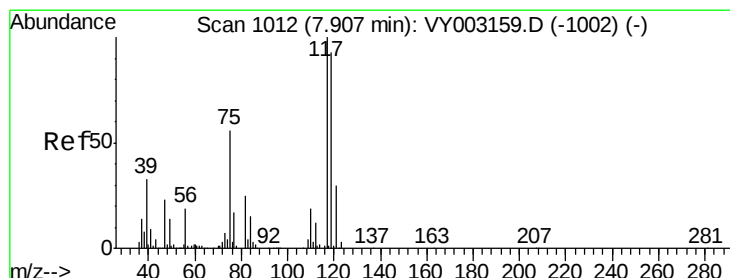
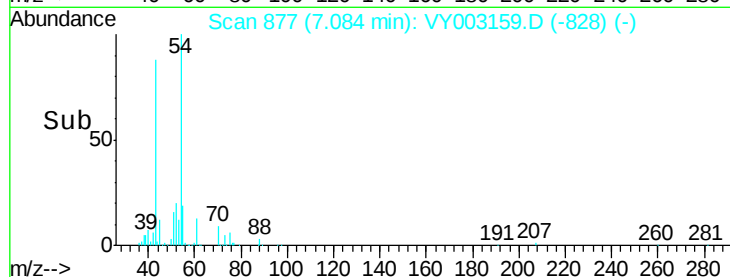
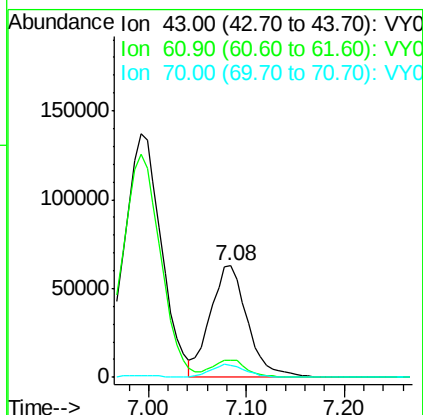
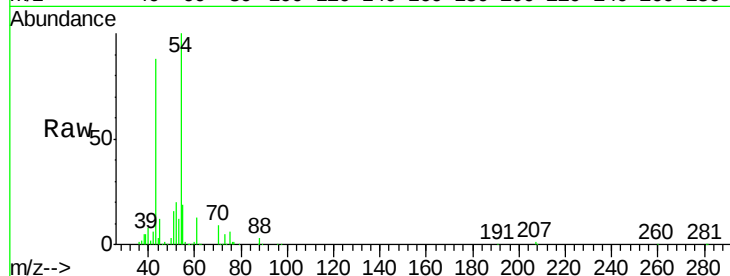




#37
Ethyl Acetate
Concen: 42.254 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

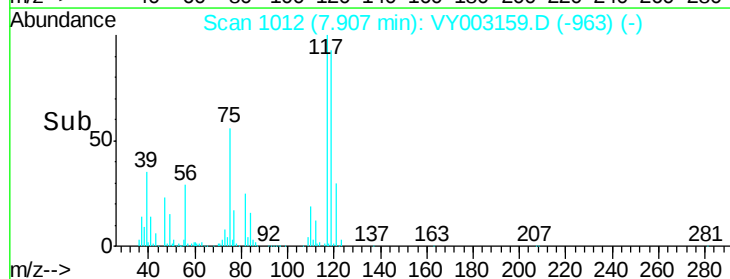
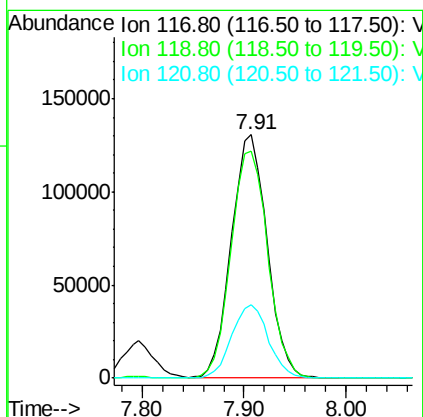
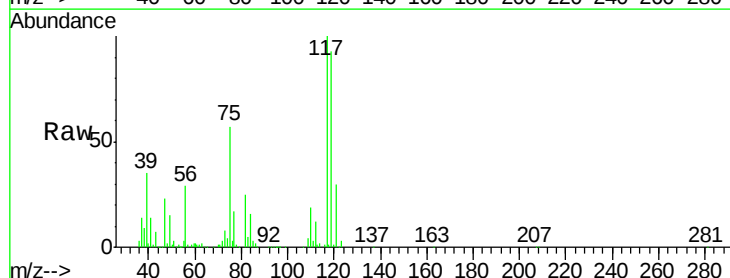
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

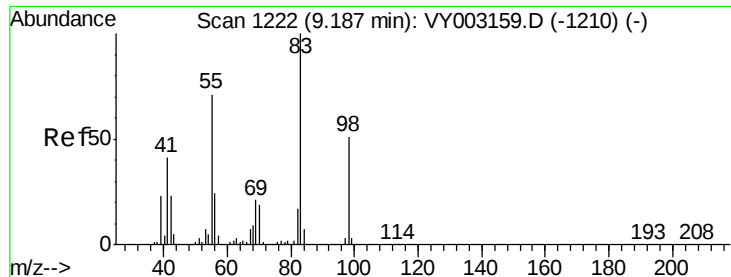
Tgt Ion: 43 Resp: 165501
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 46.028 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 117 Resp: 318535
Ion Ratio Lower Upper
117 100
119 93.1 74.5 111.7
121 30.2 24.2 36.2

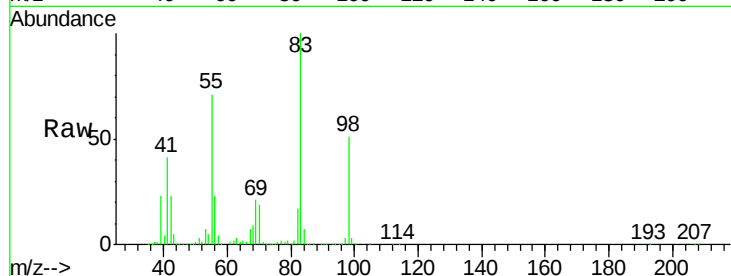




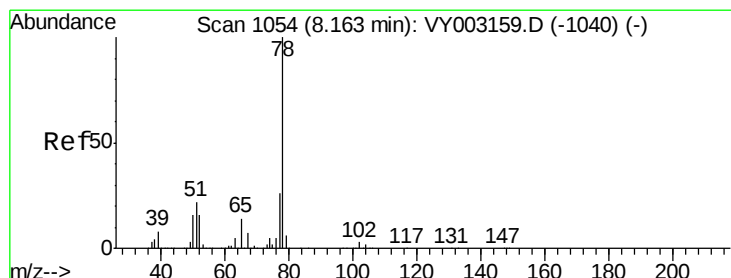
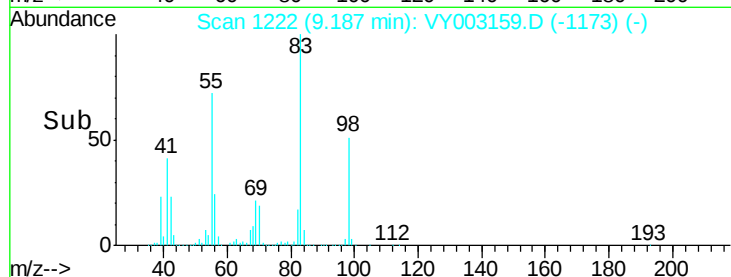
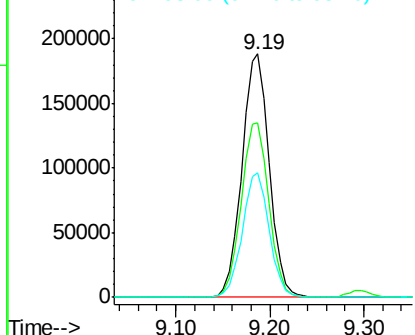
#39
Methylcyclohexane
Concen: 46.261 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 381350
Ion Ratio Lower Upper
83 100
55 71.5 57.2 85.8
98 51.3 41.0 61.6

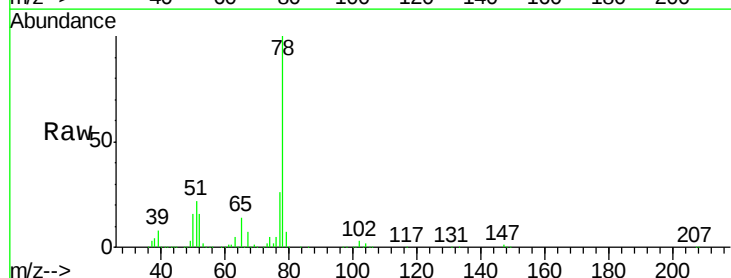


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

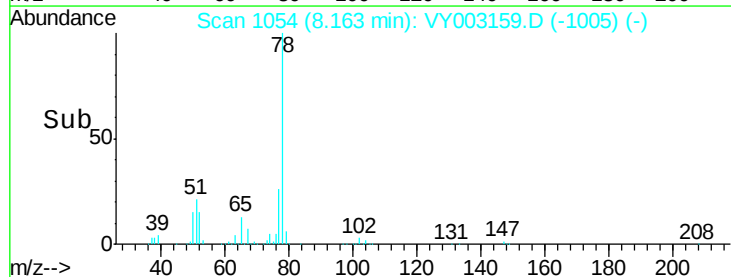
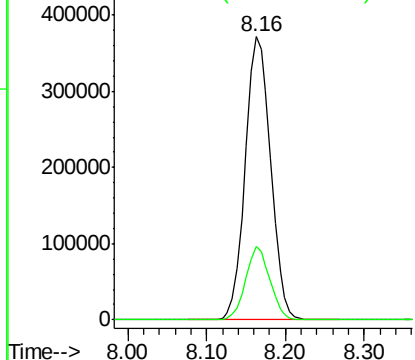


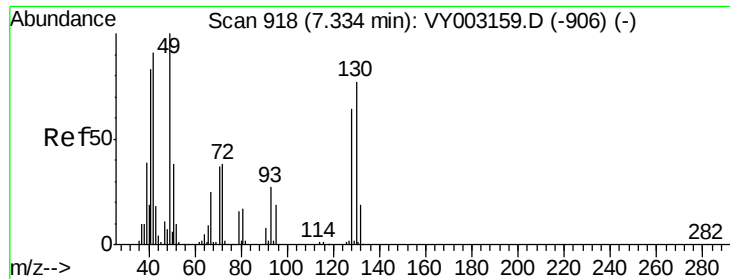
#40
Benzene
Concen: 45.766 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 78 Resp: 833492
Ion Ratio Lower Upper
78 100
77 25.9 20.7 31.1



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

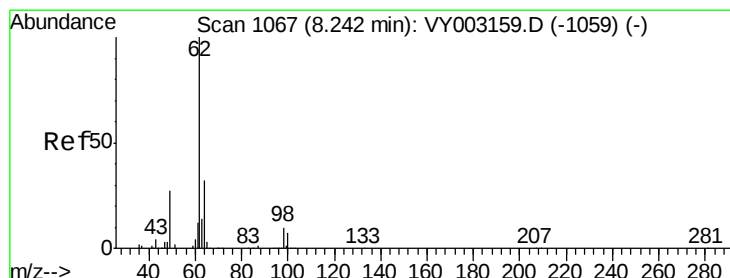
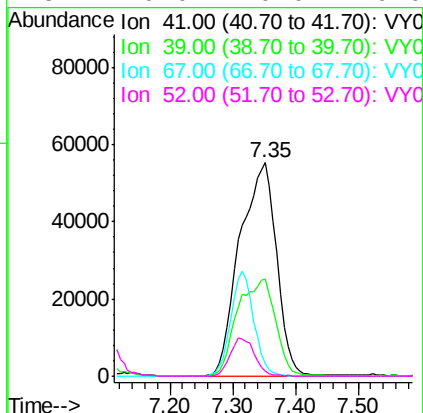
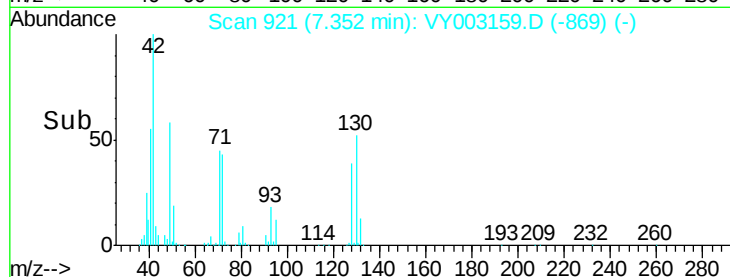
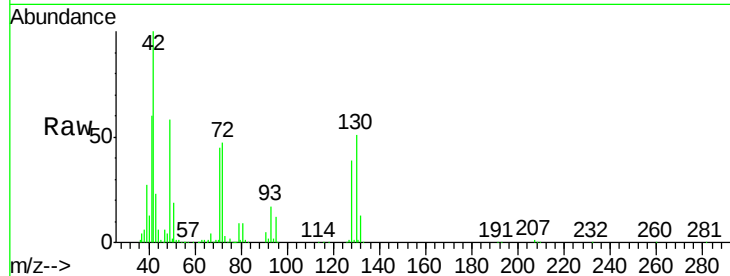




#41
Methacrylonitrile
Concen: 107.261 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

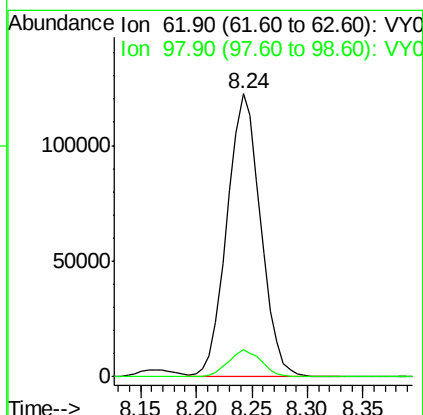
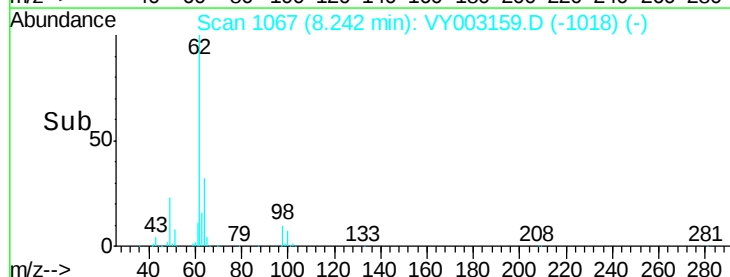
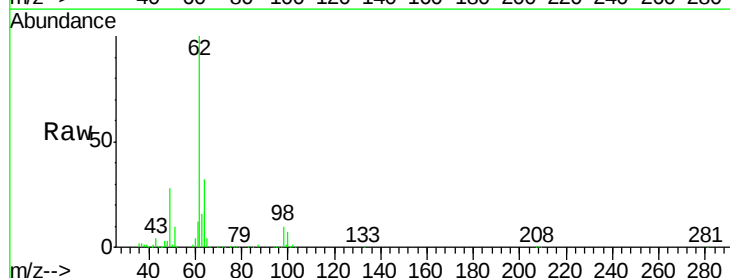
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

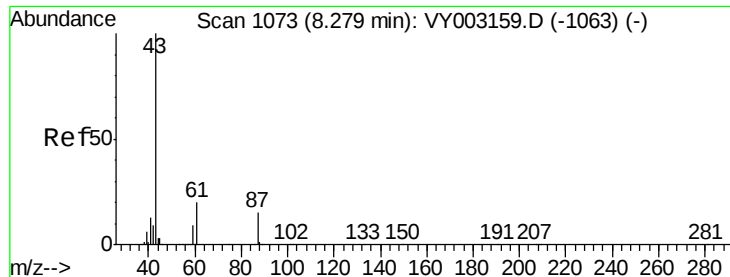
Tgt Ion:	41	Resp:	223876
Ion	Ratio	Lower	Upper
41	100		
39	47.2	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 44.722 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion:	62	Resp:	255918
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 42.846 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

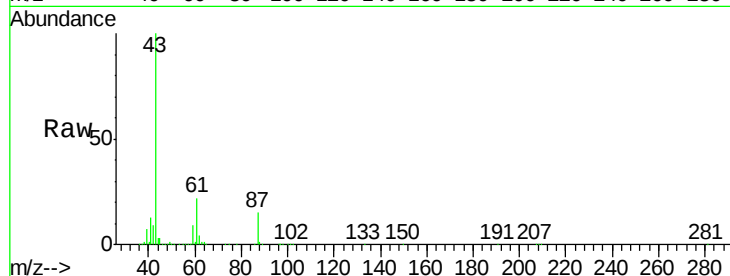
Tgt Ion: 43 Resp: 319199

Ion Ratio Lower Upper

43 100

61 29.6 23.7 35.5

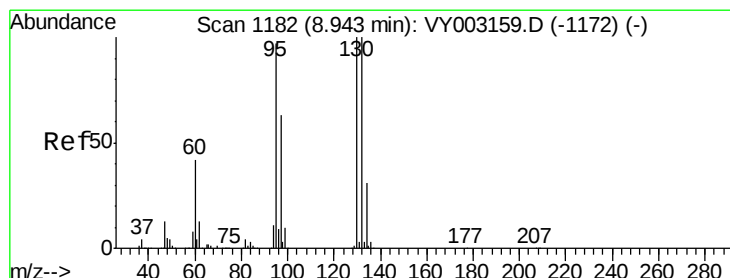
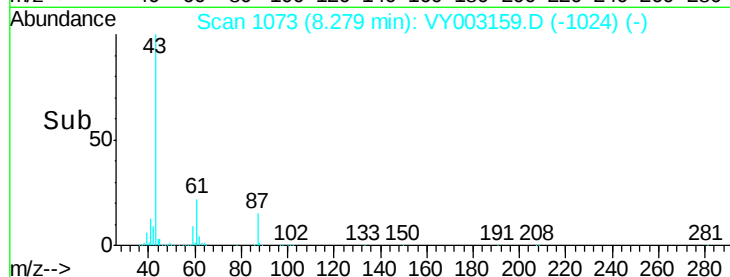
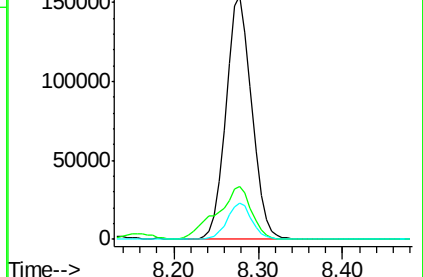
87 14.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003159.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY003159.D (-1063) (-)



#44

Trichloroethene

Concen: 47.776 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003159.D

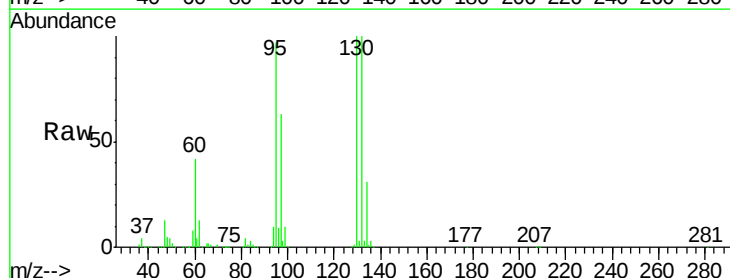
Acq: 10 Jul 2020 12:16

Tgt Ion: 130 Resp: 255060

Ion Ratio Lower Upper

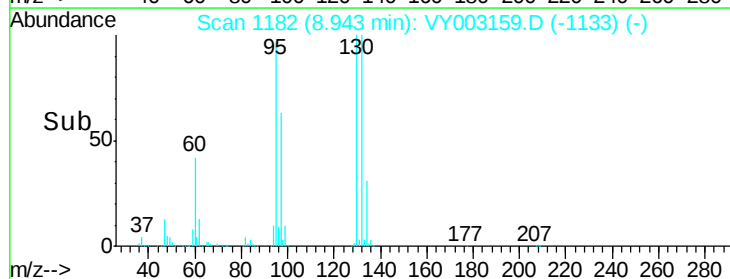
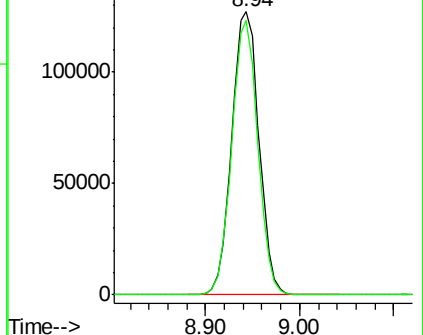
130 100

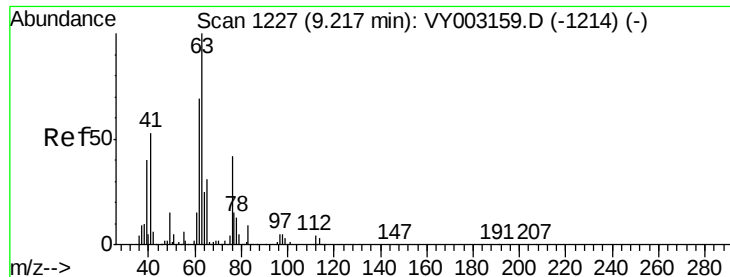
95 96.9 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003159.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003159.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 44.405 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

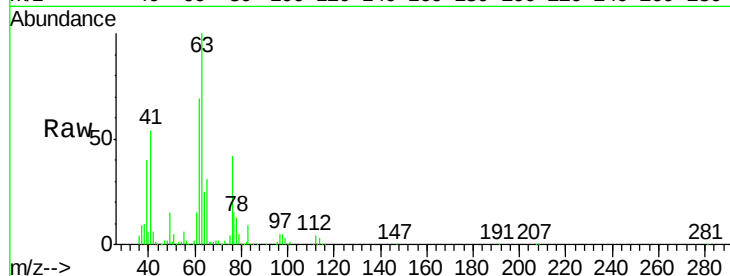
VSTDICCC050

Tgt Ion: 63 Resp: 216624

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

120000

100000

80000

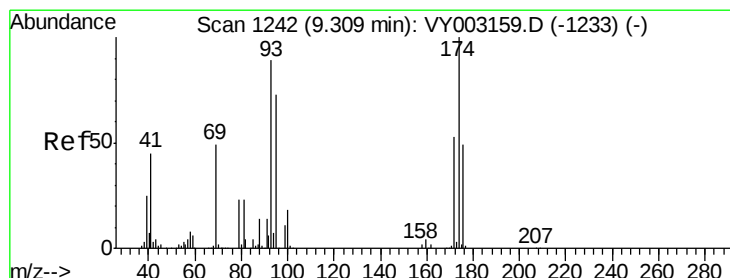
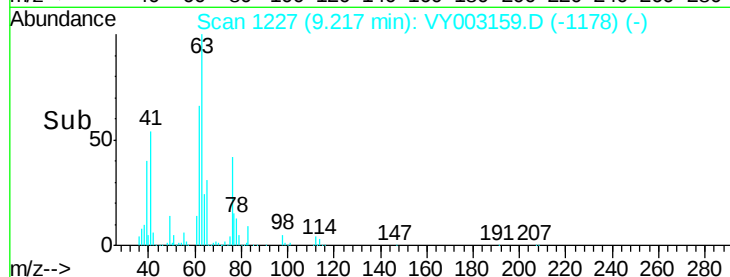
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 46.464 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

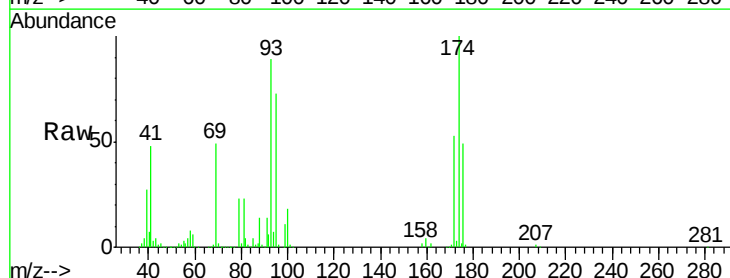
Tgt Ion: 93 Resp: 127353

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 112.8 90.2 135.4



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

100000

80000

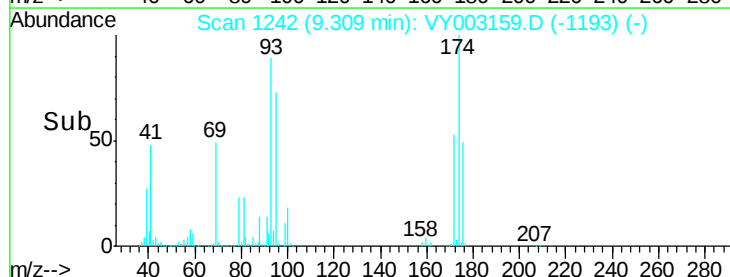
60000

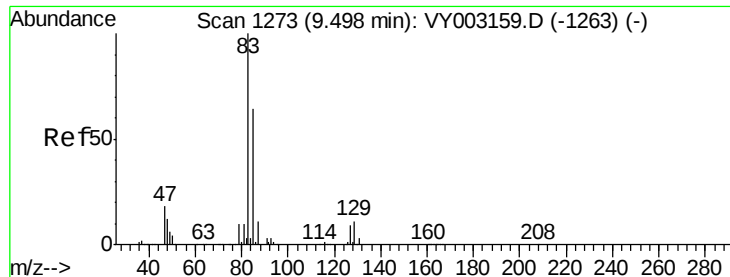
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 45.129 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

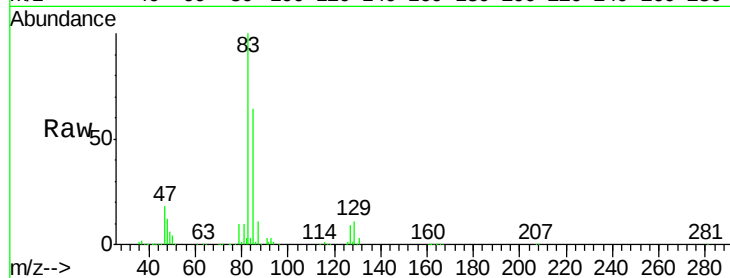
Tgt Ion: 83 Resp: 301423

Ion Ratio Lower Upper

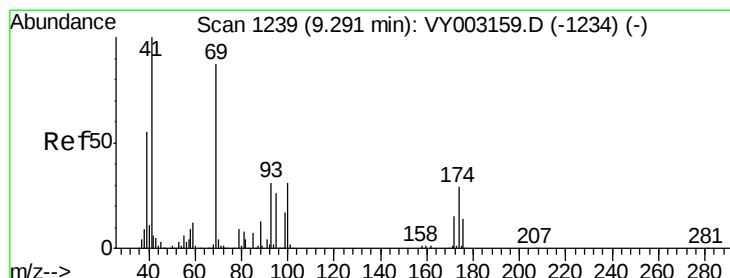
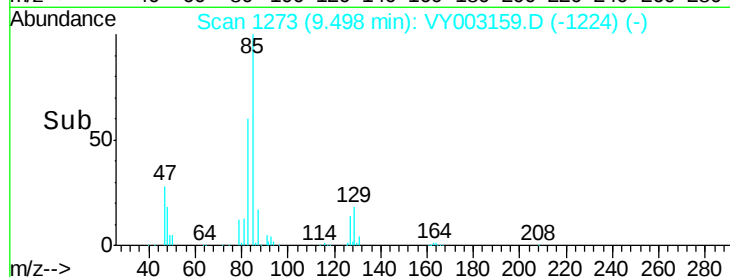
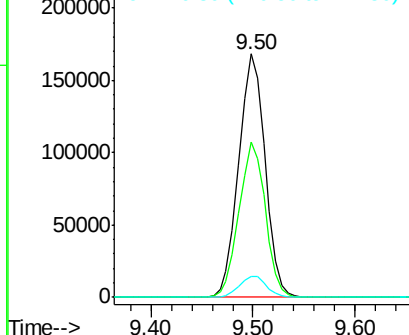
83 100

85 63.6 50.9 76.3

127 8.7 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): V



#48

Methyl methacrylate

Concen: 42.481 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

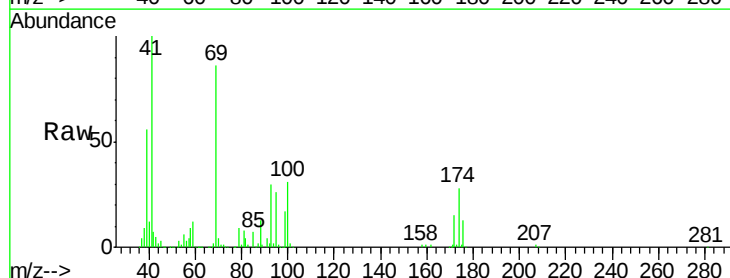
Tgt Ion: 41 Resp: 144060

Ion Ratio Lower Upper

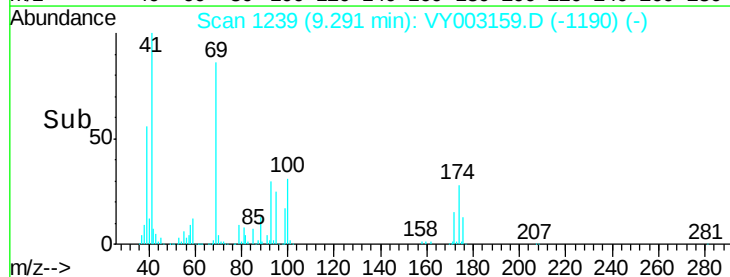
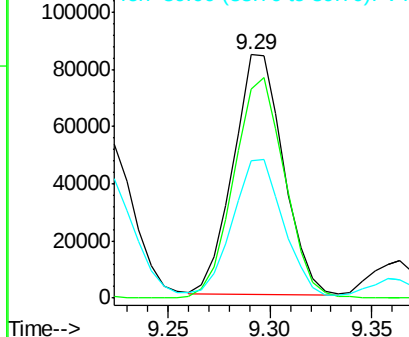
41 100

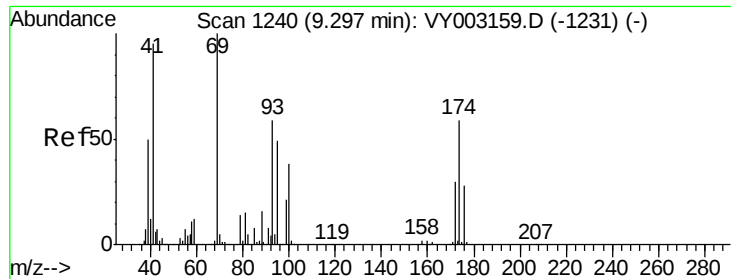
69 93.1 74.5 111.7

39 59.4 47.5 71.3



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

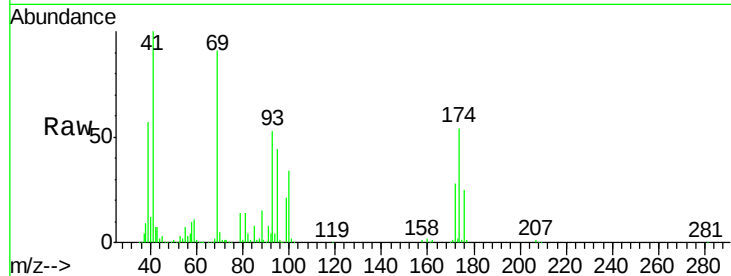




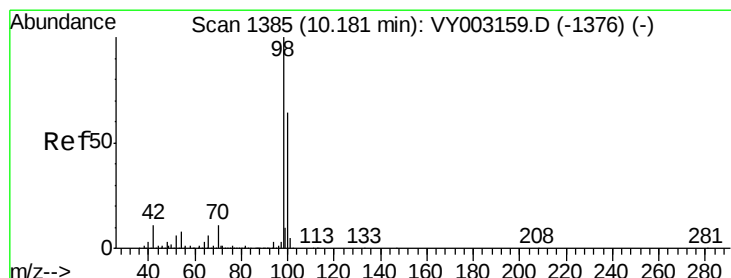
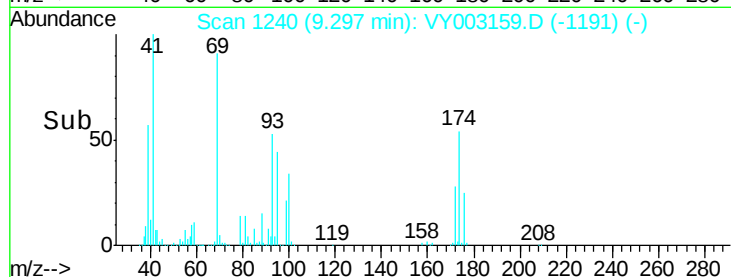
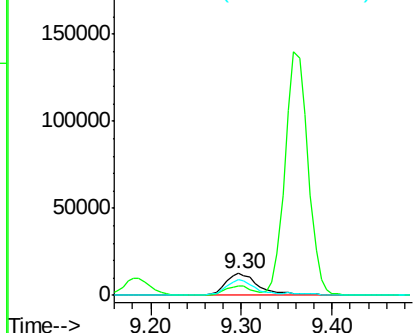
#49
1,4-Dioxane
Concen: 975.921 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 33034
Ion Ratio Lower Upper
88 100
43 32.0 25.6 38.4
58 59.7 47.8 71.6

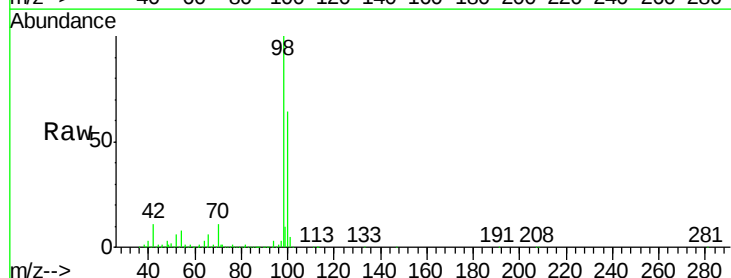


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

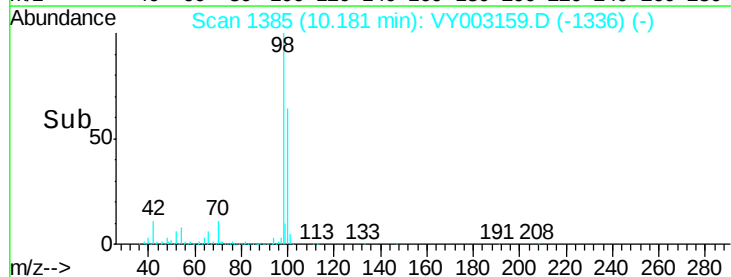
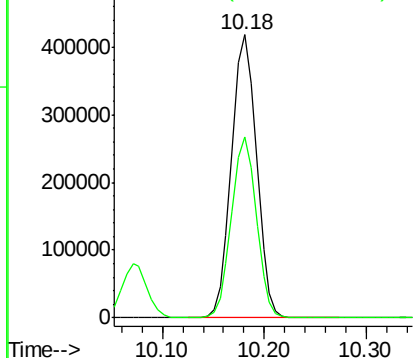


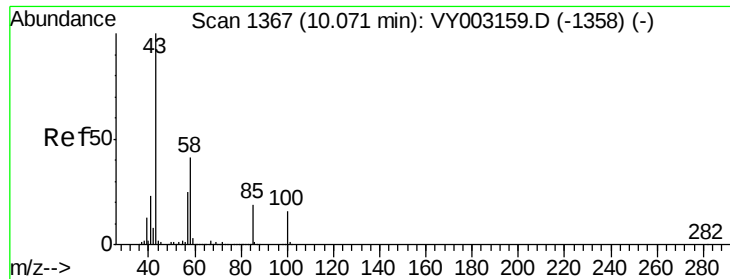
#50
Toluene-d8
Concen: 44.940 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 98 Resp: 711357
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



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

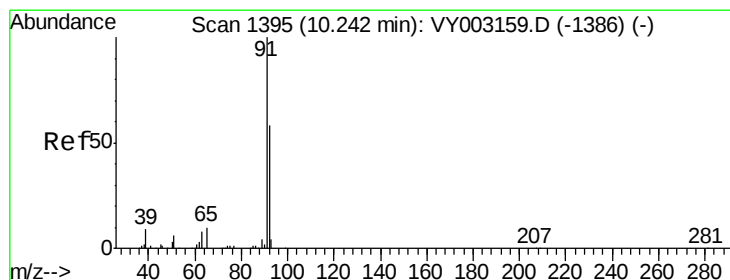
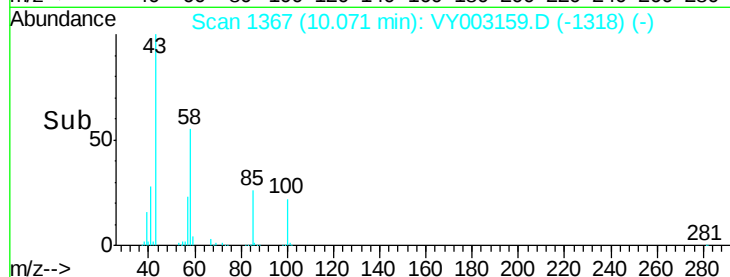
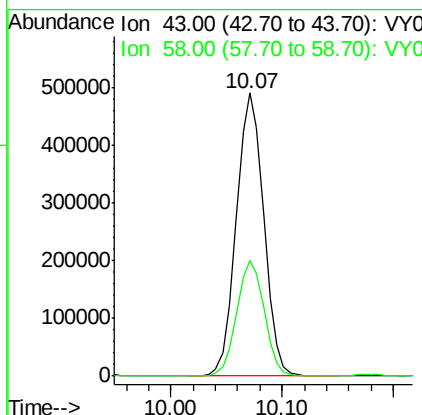
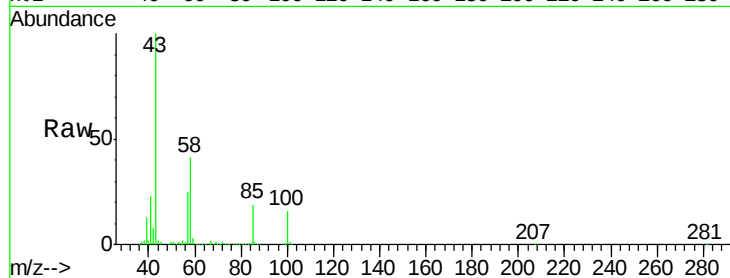




#51
 4-Methyl-2-Pentanone
 Concen: 216.550 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

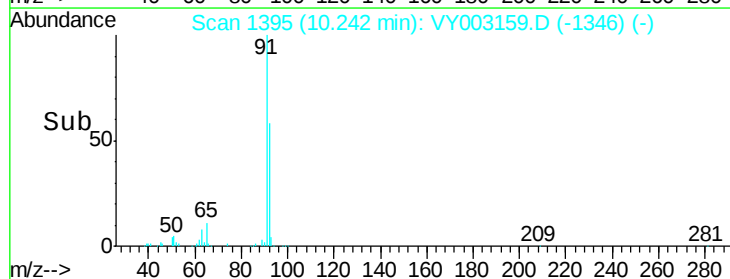
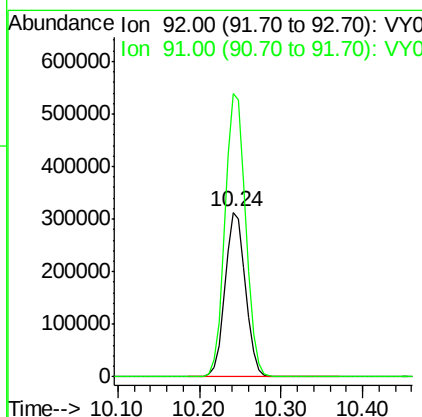
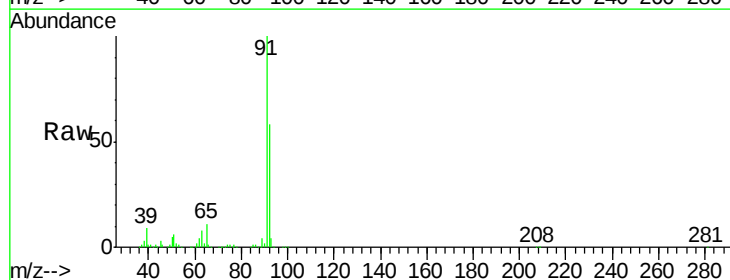
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDICCC050

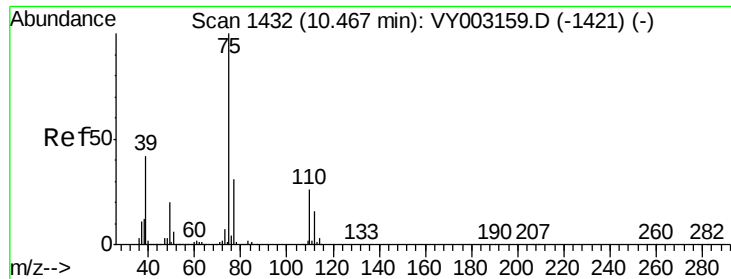
Tgt Ion: 43 Resp: 835489
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.7 49.1



#52
 Toluene
 Concen: 46.511 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion: 92 Resp: 535085
 Ion Ratio Lower Upper
 92 100
 91 174.6 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 45.475 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

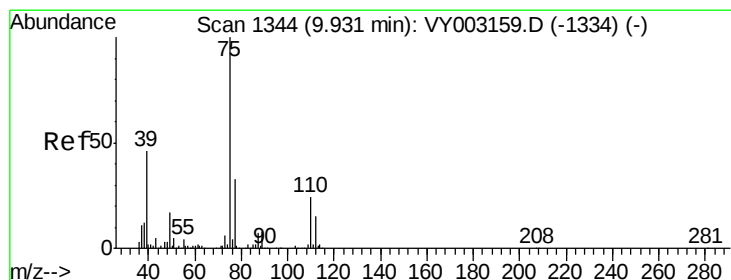
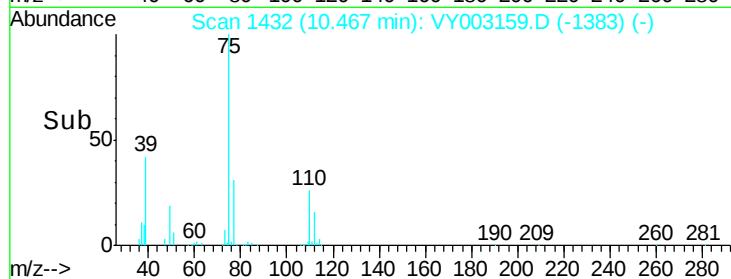
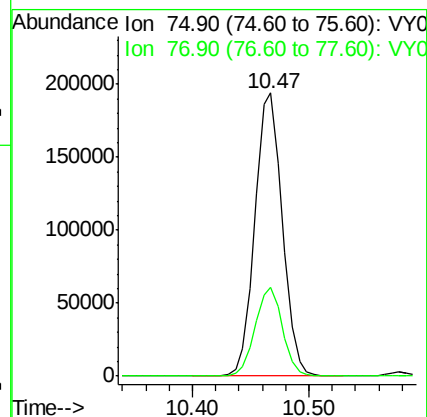
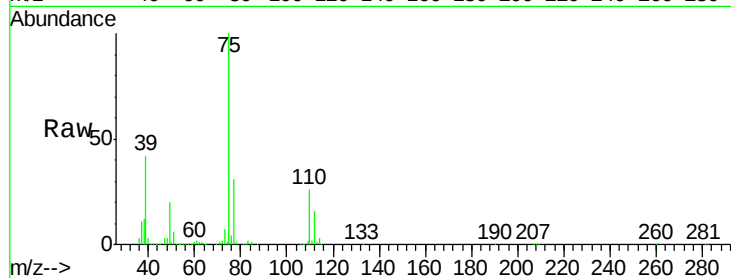
VSTDICCC050

Tgt Ion: 75 Resp: 317910

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 45.121 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

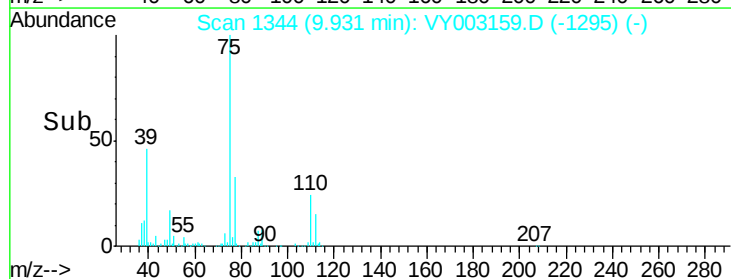
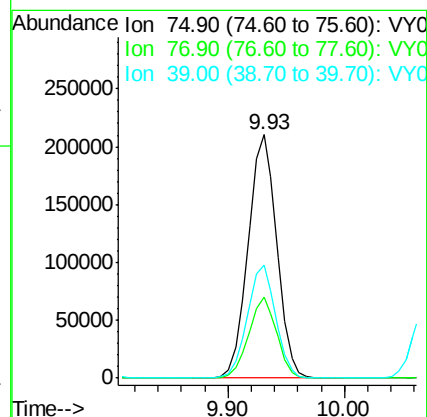
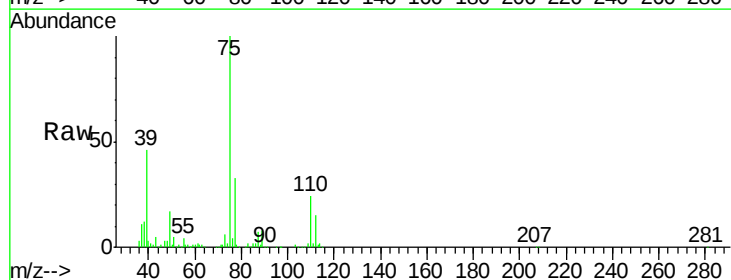
Tgt Ion: 75 Resp: 360740

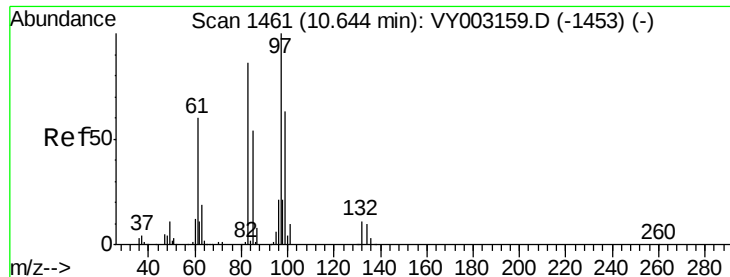
Ion Ratio Lower Upper

75 100

77 33.4 26.7 40.1

39 46.3 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 46.669 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 177124

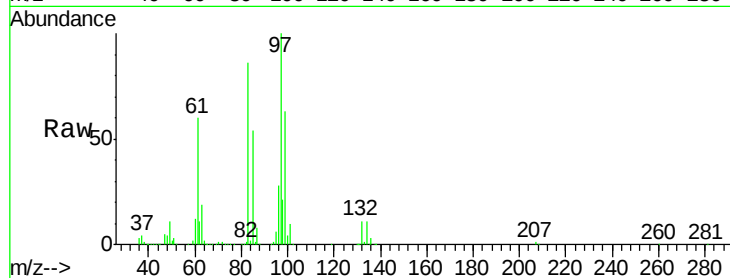
Ion Ratio Lower Upper

97 100

83 86.0 68.8 103.2

85 53.9 43.1 64.7

99 63.5 50.8 76.2

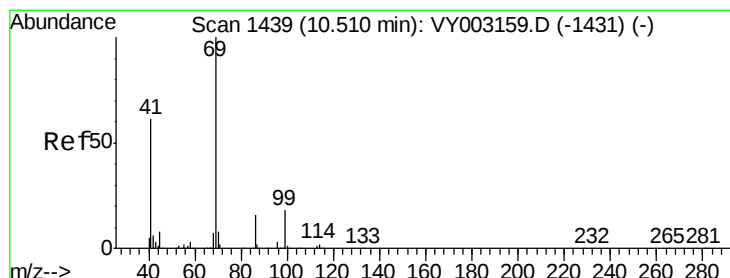
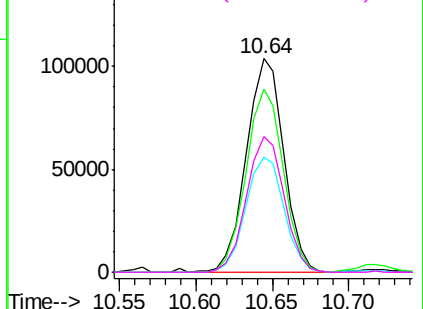
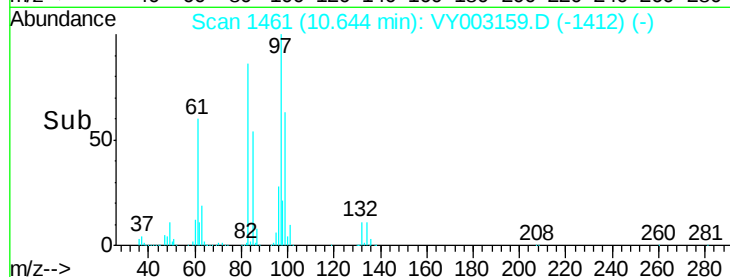


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 46.372 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

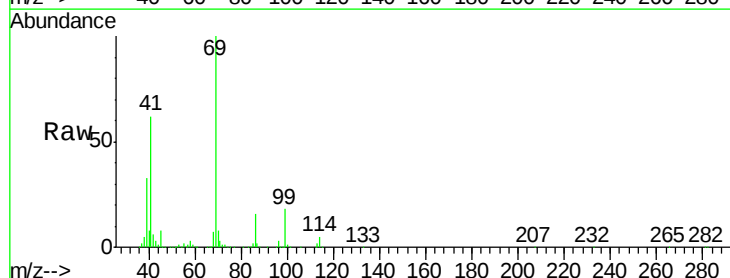
Tgt Ion: 69 Resp: 253313

Ion Ratio Lower Upper

69 100

41 62.5 50.0 75.0

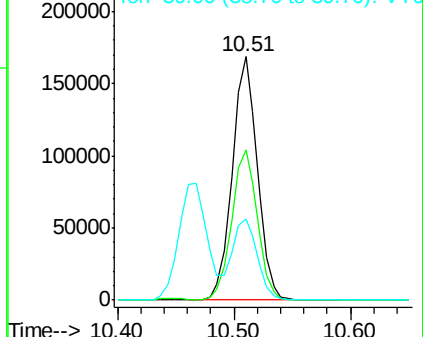
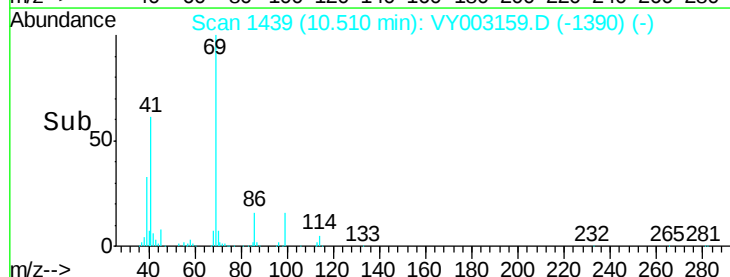
39 34.5 27.6 41.4

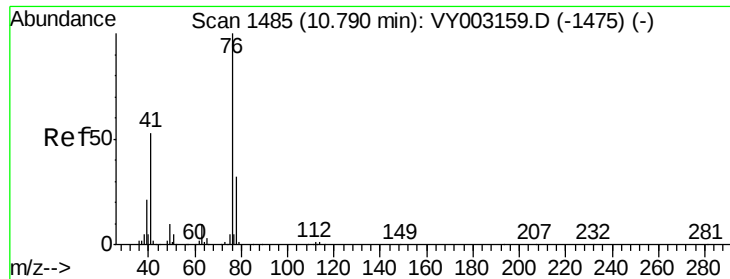


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

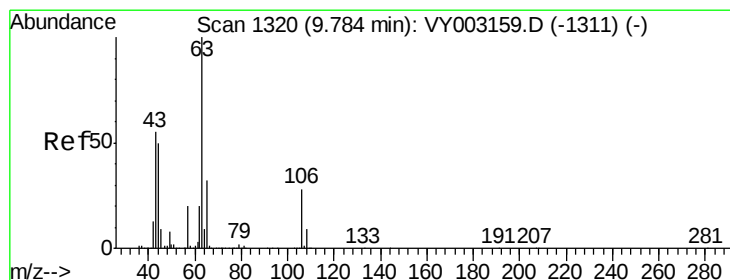
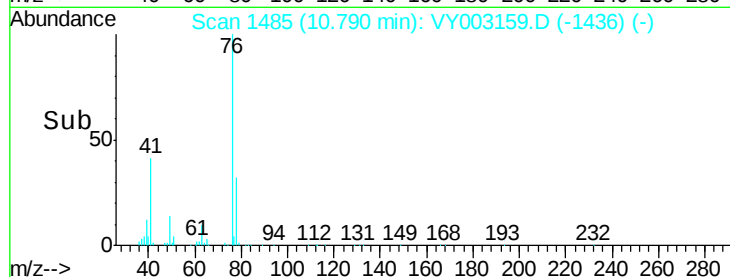
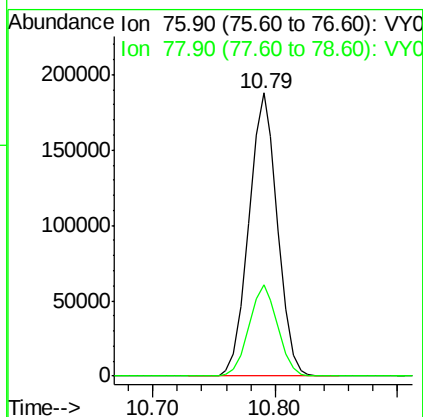
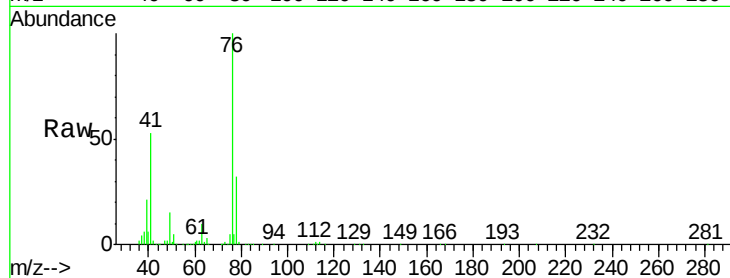




#57
 1,3-Dichloropropane
 Concen: 45.758 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

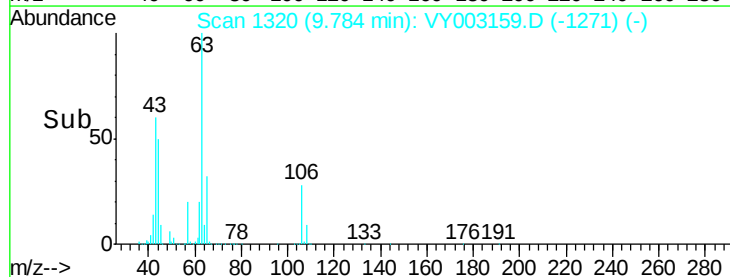
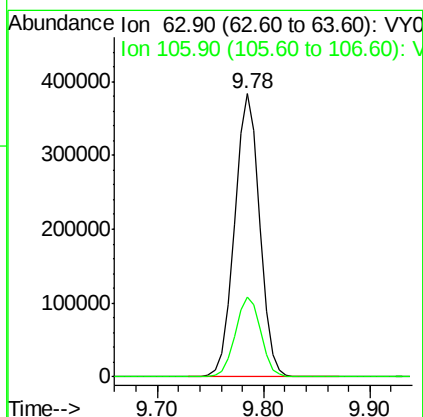
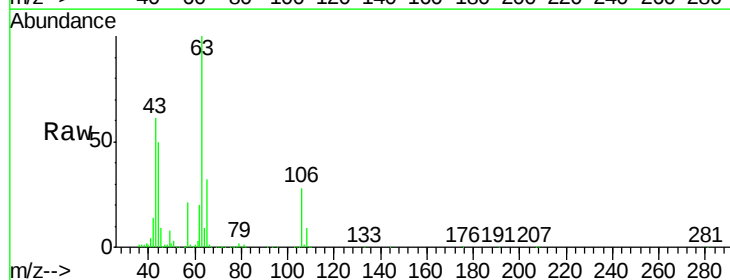
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

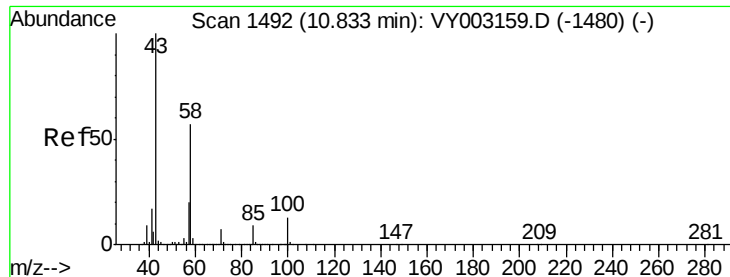
Tgt Ion: 76 Resp: 305098
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.431 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion: 63 Resp: 632629
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.9 34.3

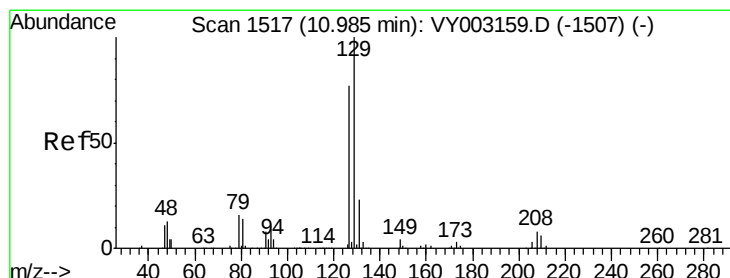
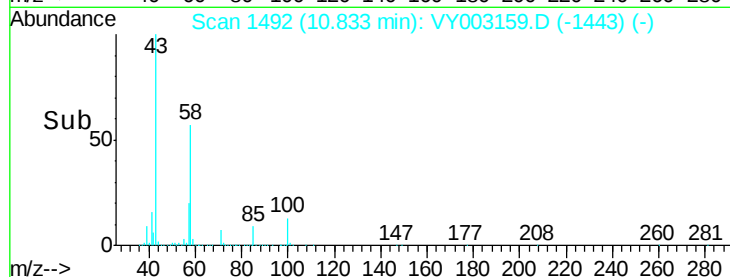
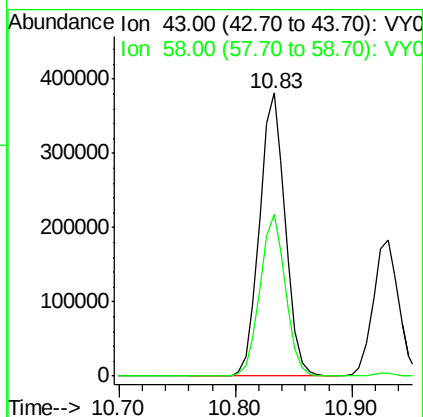
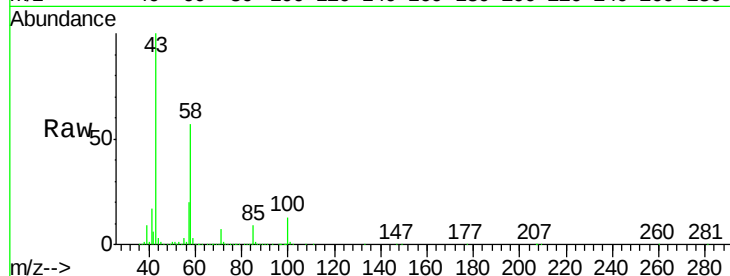




#59
2-Hexanone
Concen: 217.449 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

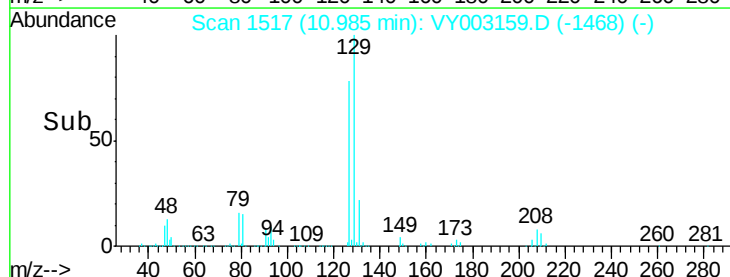
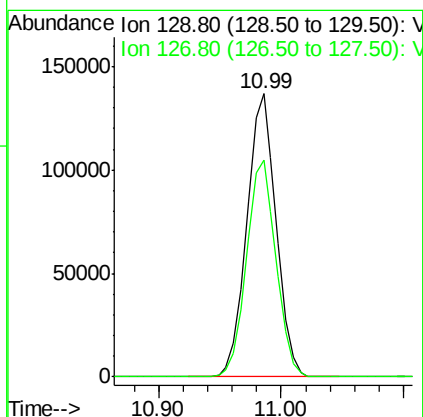
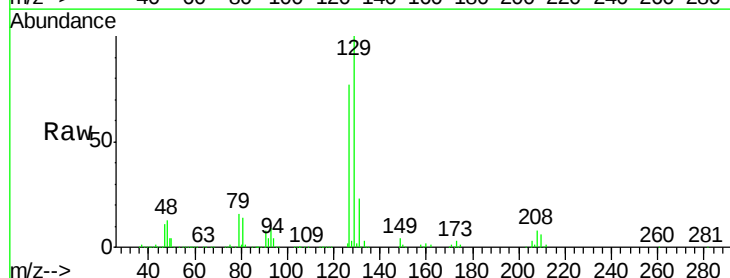
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

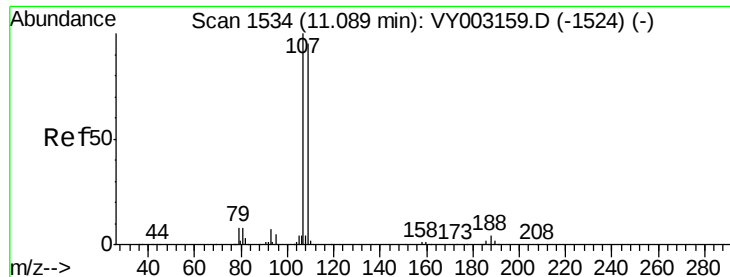
Tgt Ion: 43 Resp: 585698
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 46.657 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 129 Resp: 227168
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

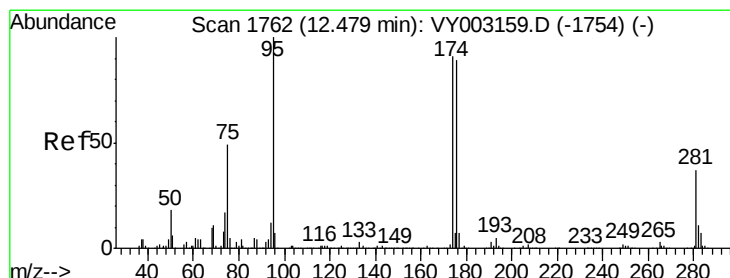
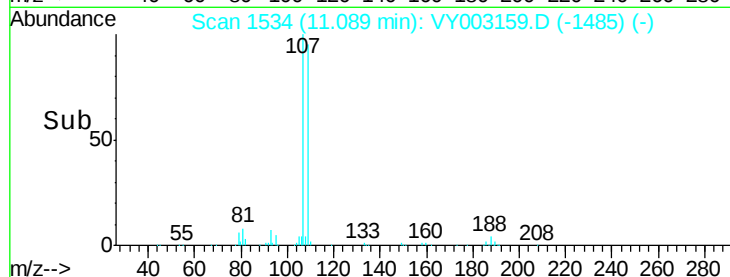
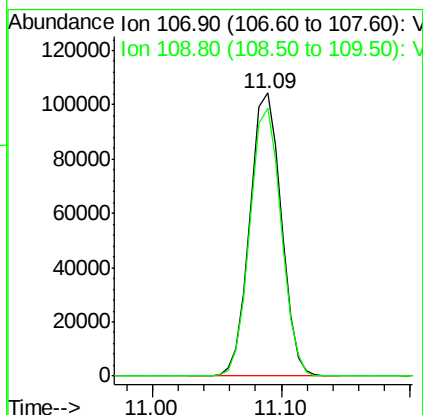
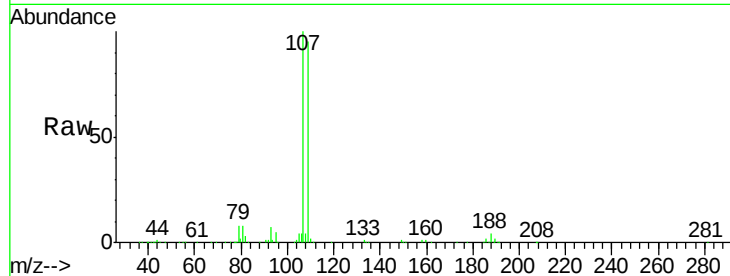




#61
 1,2-Dibromoethane
 Concen: 46.677 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

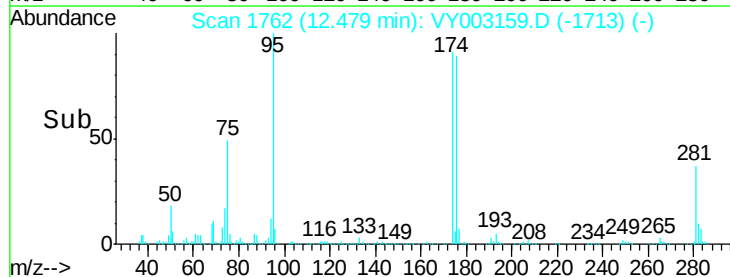
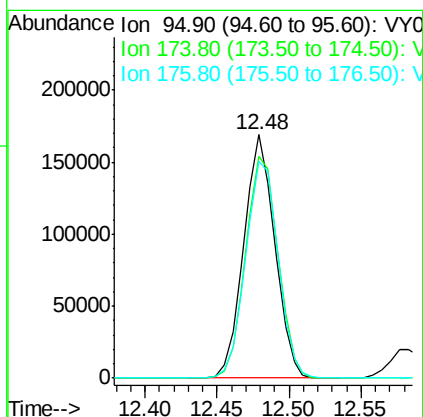
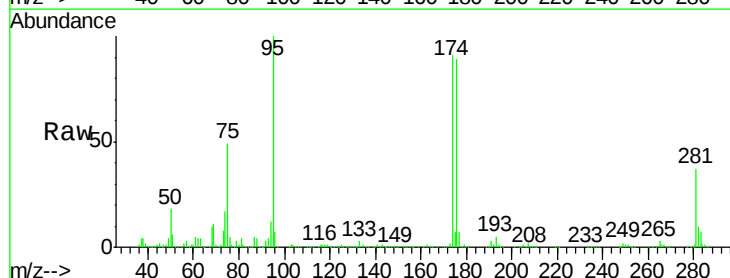
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

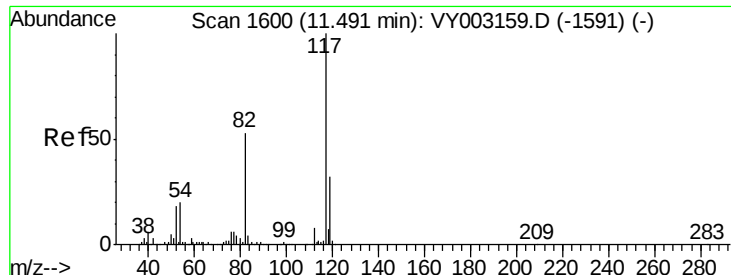
Tgt Ion: 107 Resp: 175327
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 45.152 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion: 95 Resp: 251935
 Ion Ratio Lower Upper
 95 100
 174 95.3 0.0 190.6
 176 93.2 0.0 186.4

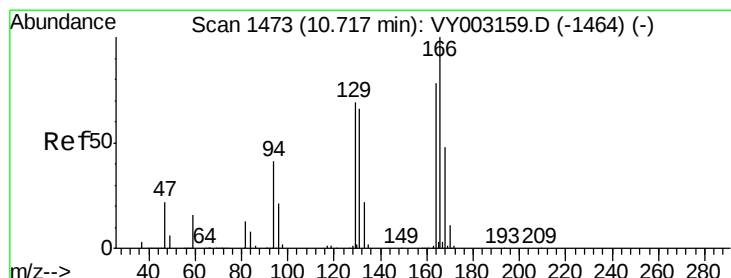
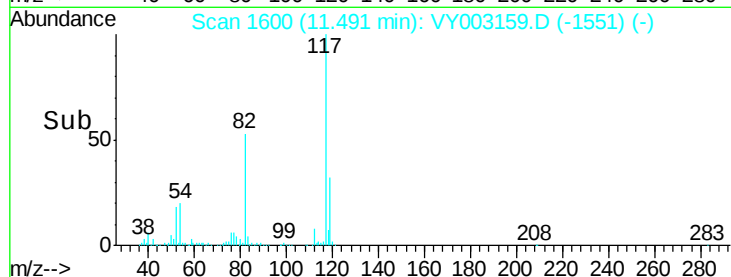
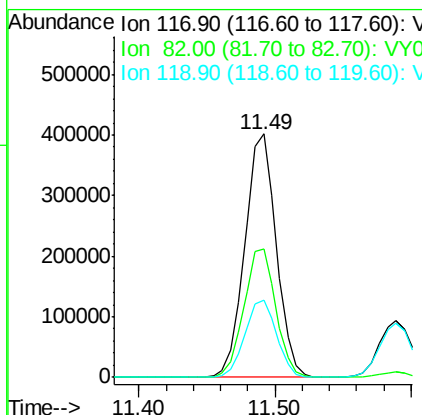
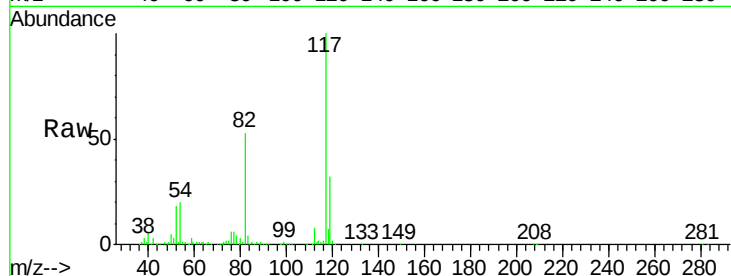




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

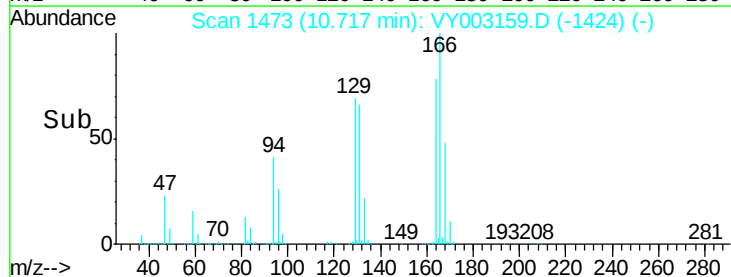
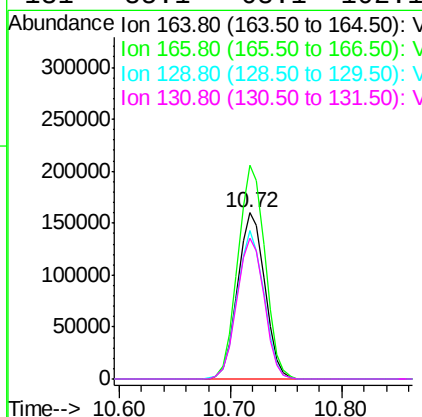
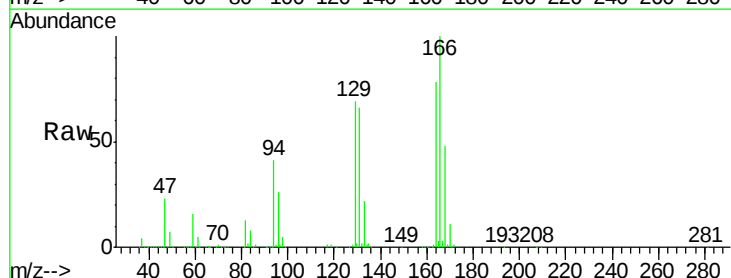
Instrument :
MSVOA_Y
ClientSampled :
VSTDICCC050

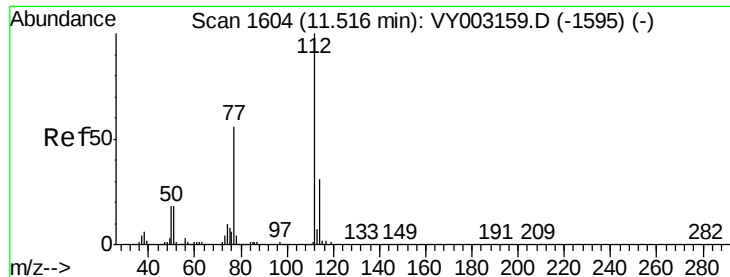
Tgt Ion:117 Resp: 650270
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 49.395 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion:164 Resp: 270679
Ion Ratio Lower Upper
164 100
166 128.6 102.9 154.3
129 89.3 71.4 107.2
131 85.1 68.1 102.1





#65

Chlorobenzene

Concen: 46.687 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

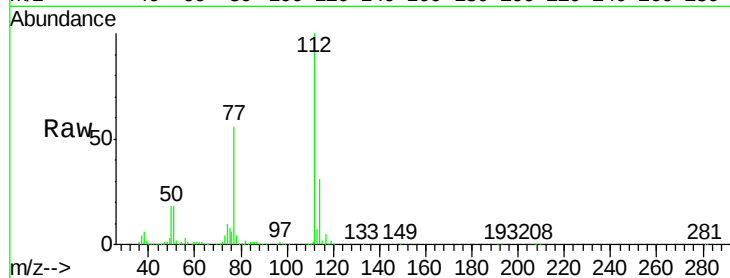
VSTDICCC050

Tgt Ion:112 Resp: 591482

Ion Ratio Lower Upper

112 100

114 30.9 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

400000

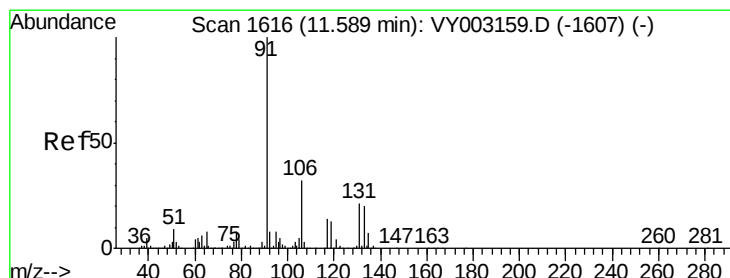
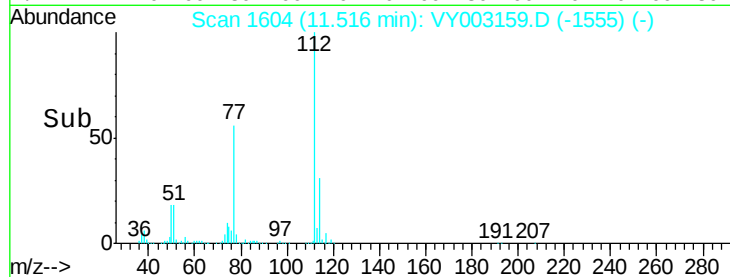
300000

200000

100000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 46.519 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

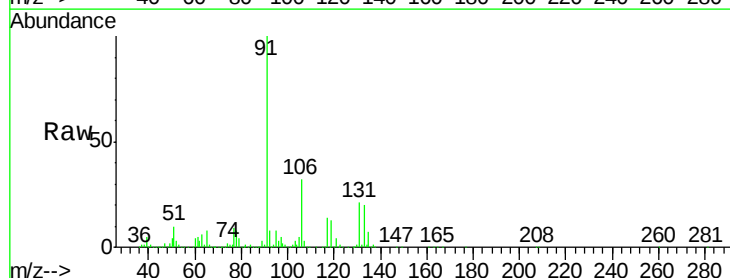
Tgt Ion:131 Resp: 229342

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 64.7 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.59

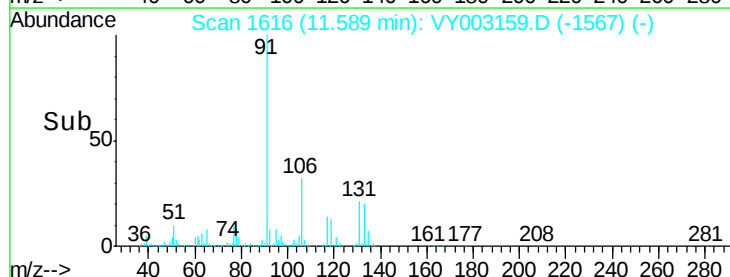
150000

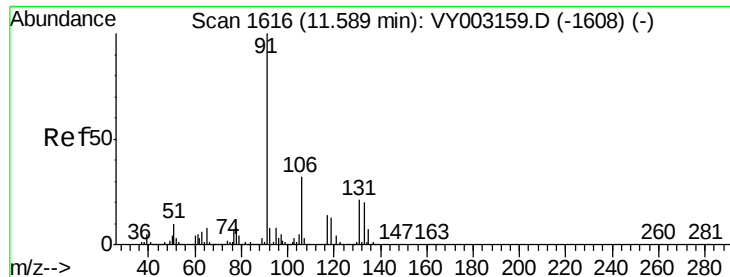
100000

50000

0

Time--> 11.50 11.60





#67

Ethyl Benzene

Concen: 46.058 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

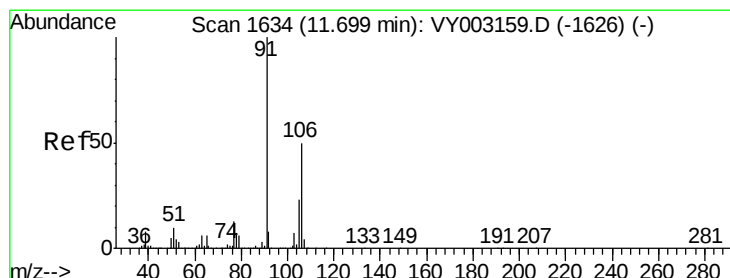
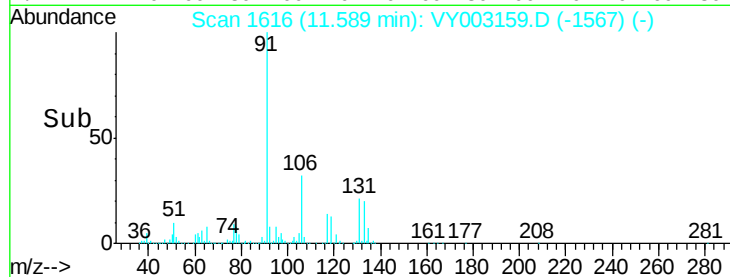
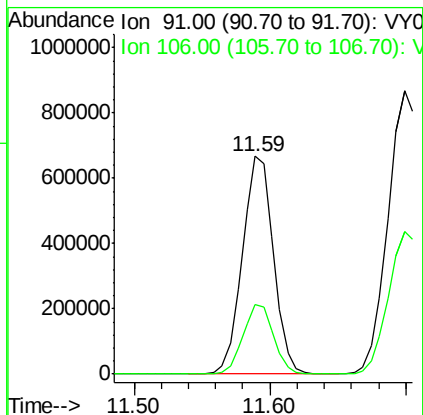
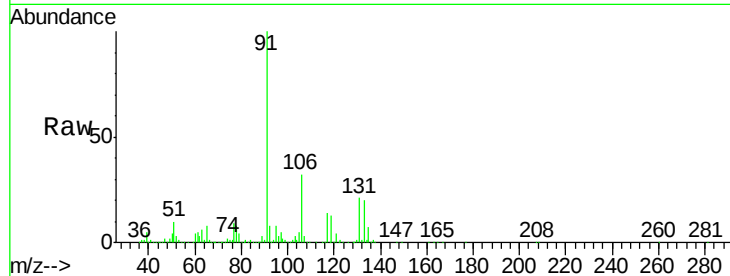
VSTDICCC050

Tgt Ion: 91 Resp: 1065122

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 93.365 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003159.D

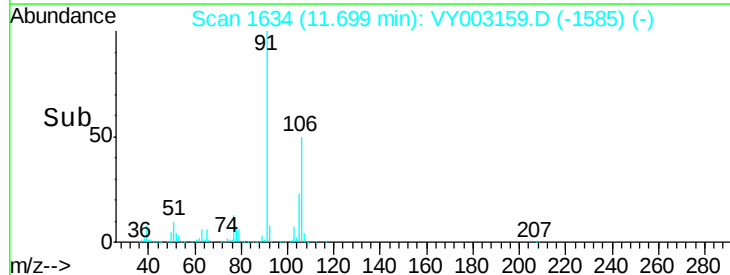
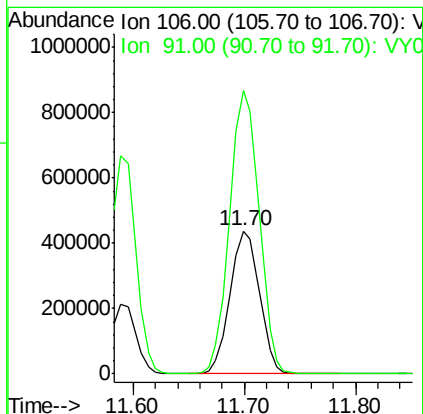
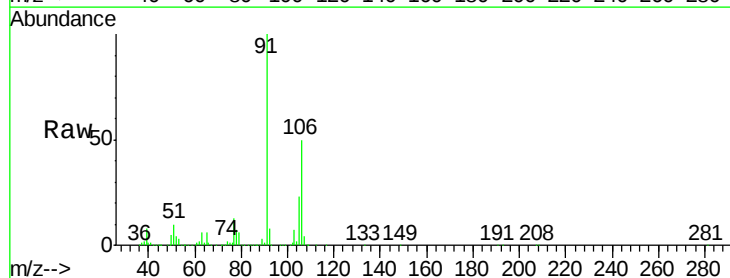
Acq: 10 Jul 2020 12:16

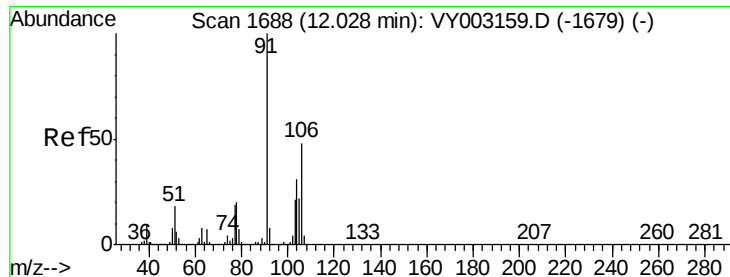
Tgt Ion: 106 Resp: 803150

Ion Ratio Lower Upper

106 100

91 198.8 159.0 238.6

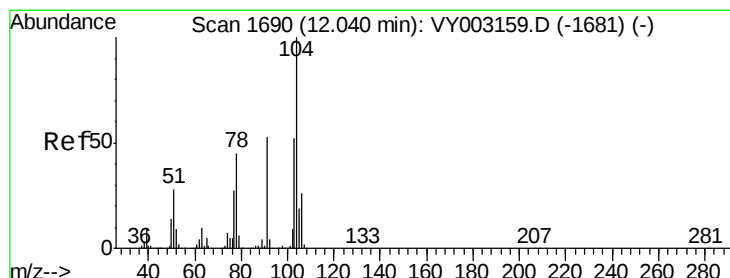
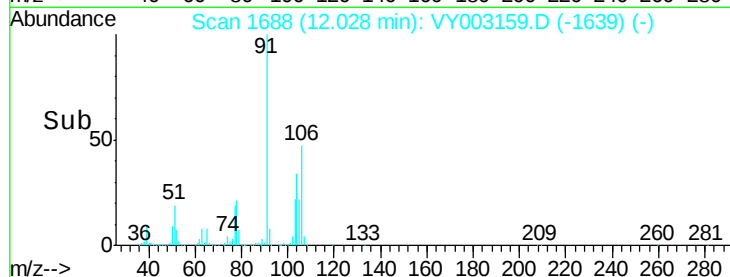
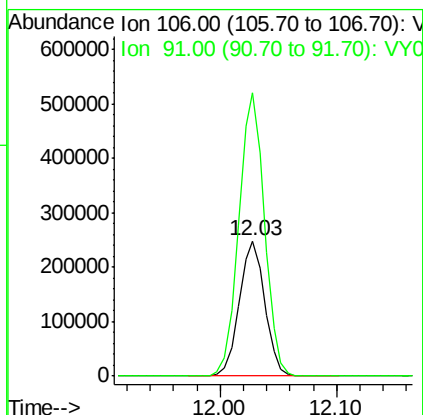
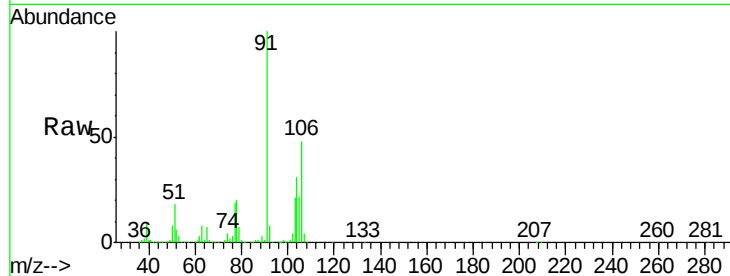




#69
o-Xylene
Concen: 46.713 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

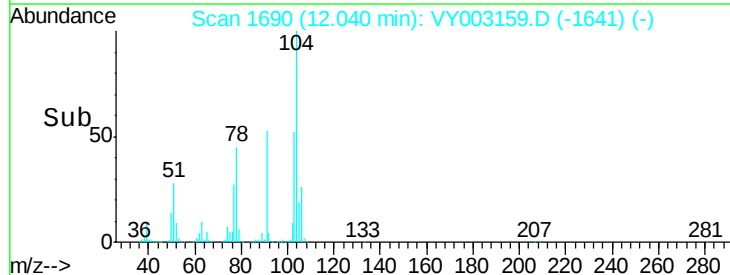
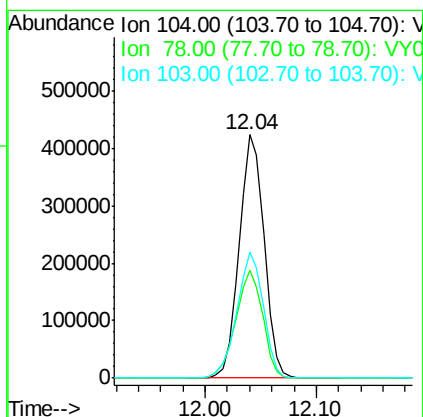
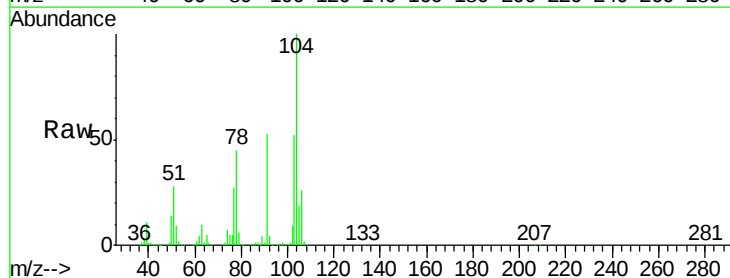
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

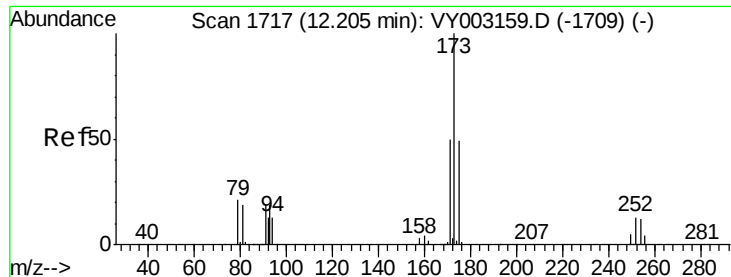
Tgt Ion:106 Resp: 379009
Ion Ratio Lower Upper
106 100
91 210.1 105.1 315.1



#70
Styrene
Concen: 47.255 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion:104 Resp: 655222
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 54.9 43.9 65.9

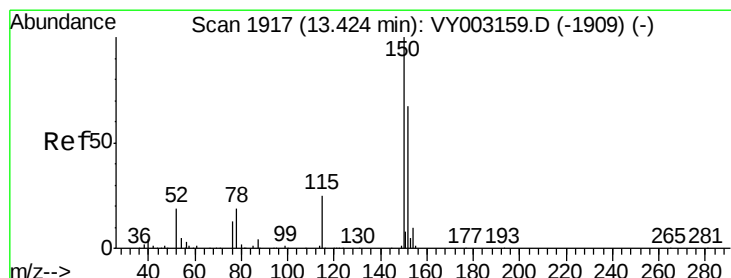
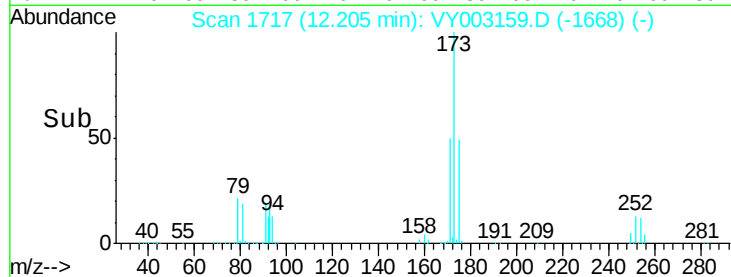
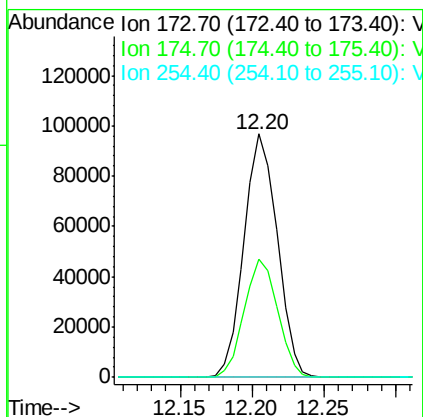
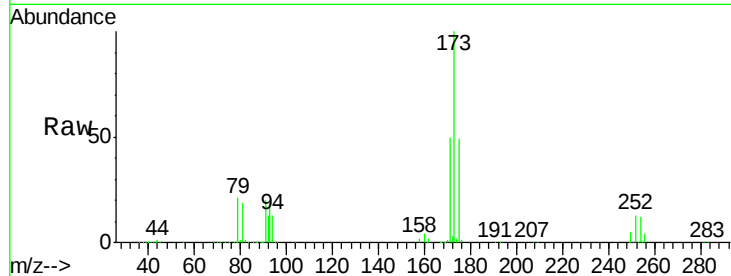




#71
Bromoform
Concen: 47.280 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

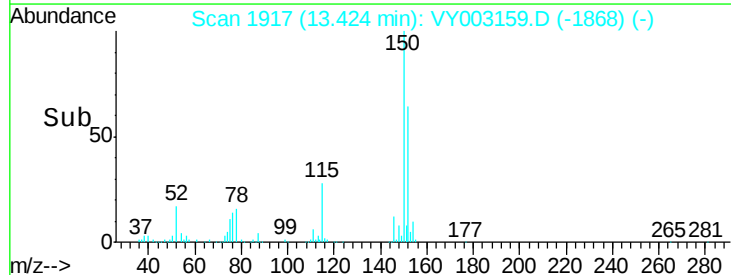
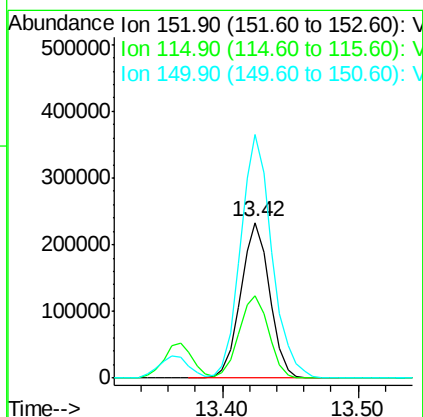
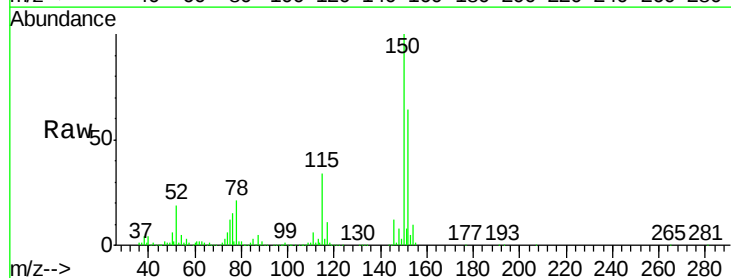
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

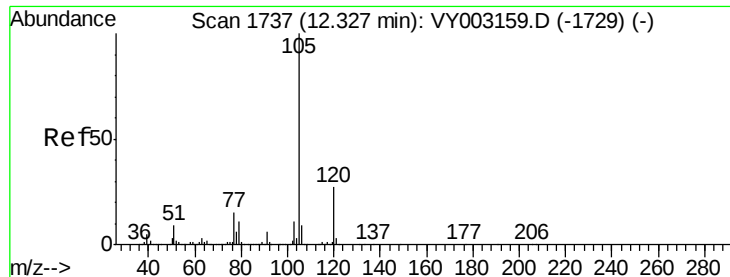
Tgt Ion:173 Resp: 154882
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion:152 Resp: 346373
Ion Ratio Lower Upper
152 100
115 53.8 26.9 80.7
150 169.0 0.0 338.0





#73

Isopropylbenzene

Concen: 46.520 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

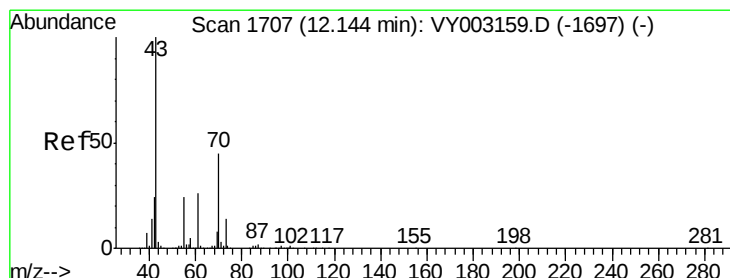
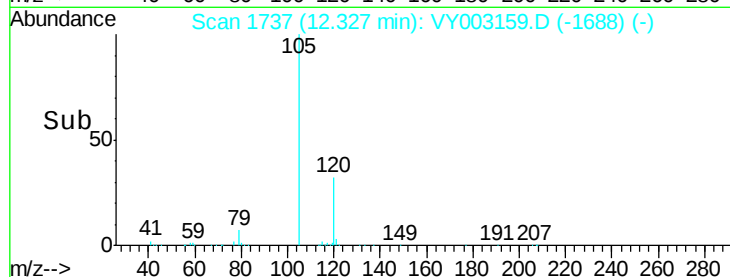
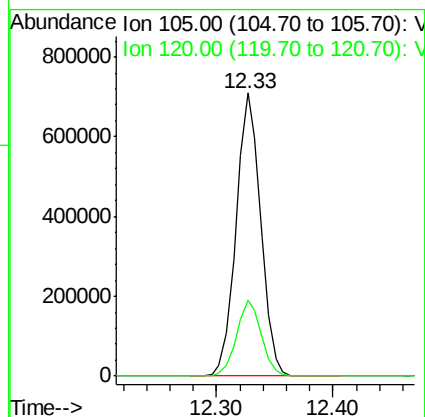
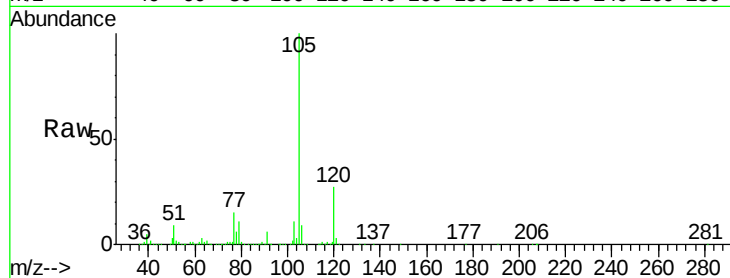
VSTDICCC050

Tgt Ion:105 Resp: 1042836

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 42.185 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Tgt Ion: 43 Resp: 300548

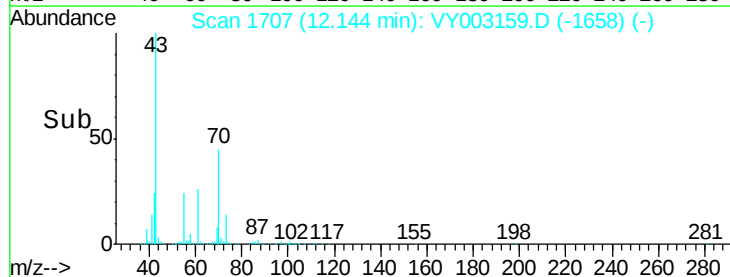
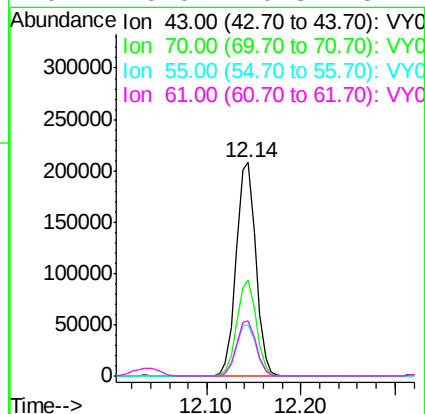
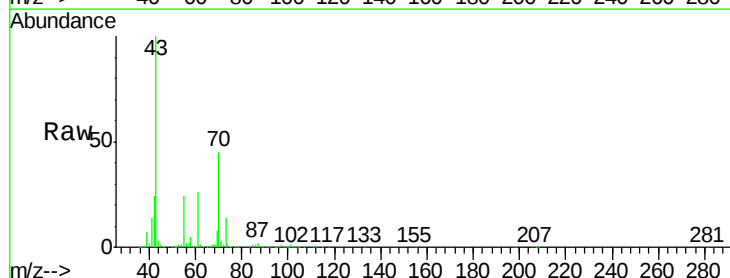
Ion Ratio Lower Upper

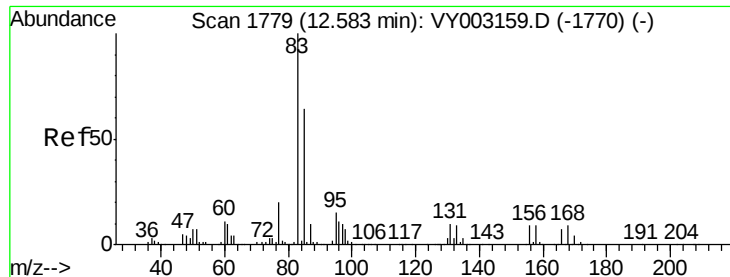
43 100

70 44.5 35.6 53.4

55 24.3 19.4 29.2

61 26.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.715 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

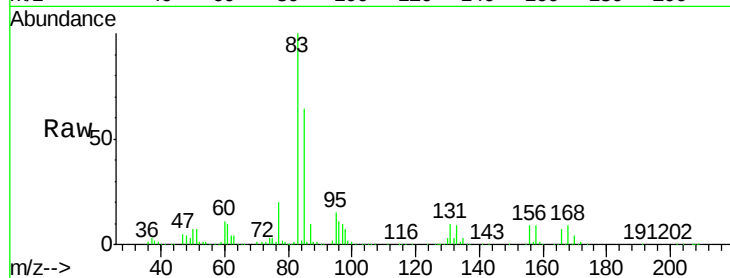
Tgt Ion: 83 Resp: 200632

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

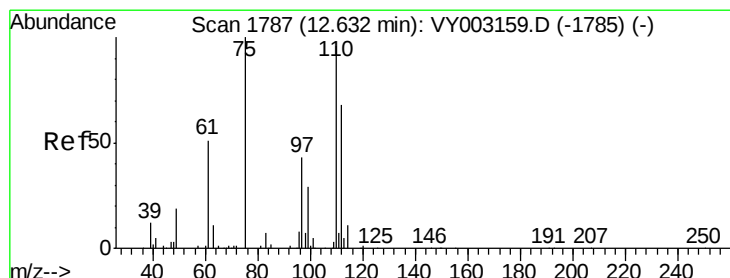
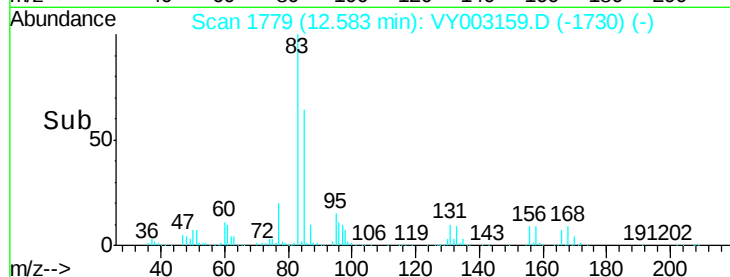
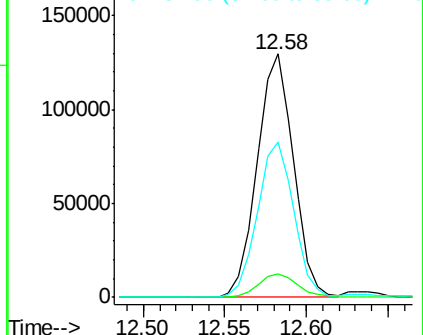
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 83.062 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003159.D

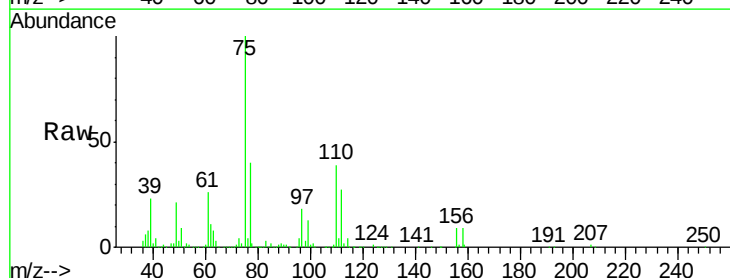
Acq: 10 Jul 2020 12:16

Tgt Ion: 75 Resp: 276578

Ion Ratio Lower Upper

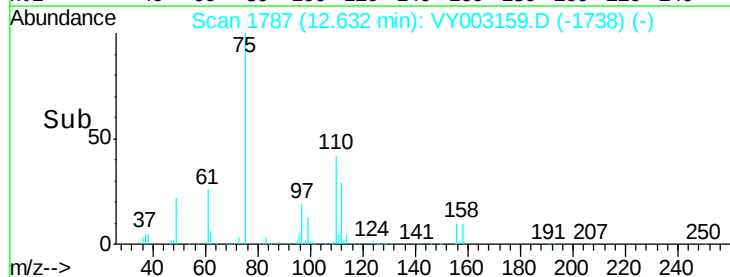
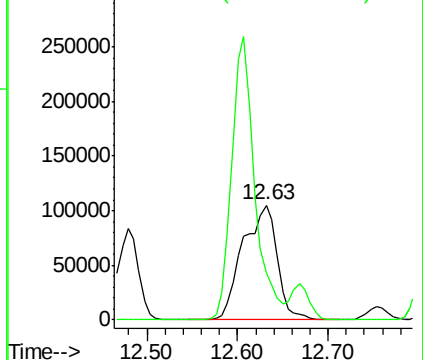
75 100

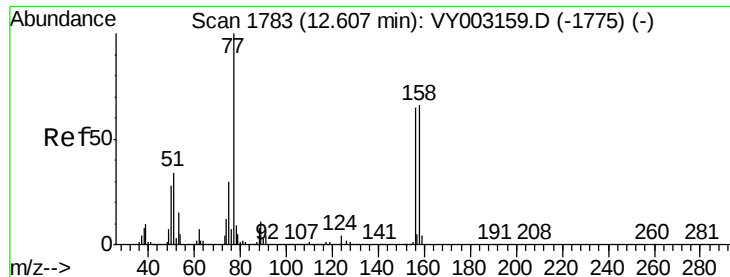
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 45.940 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

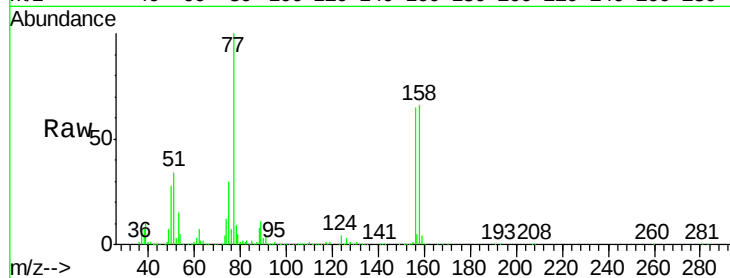
Tgt Ion:156 Resp: 263734

Ion Ratio Lower Upper

156 100

77 173.1 86.6 259.7

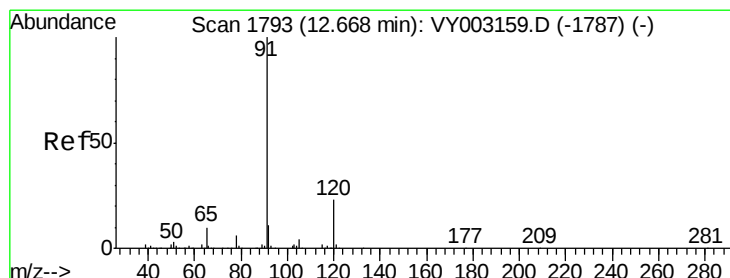
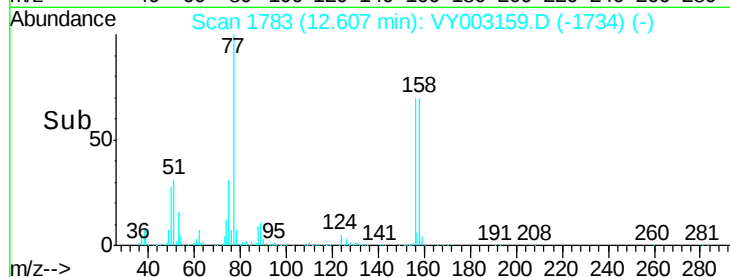
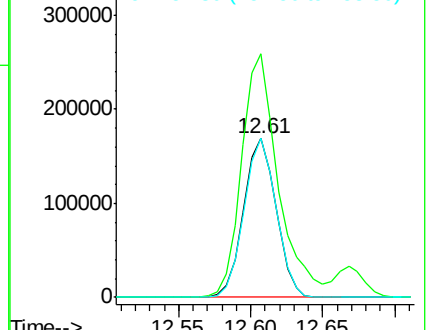
158 98.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.999 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003159.D

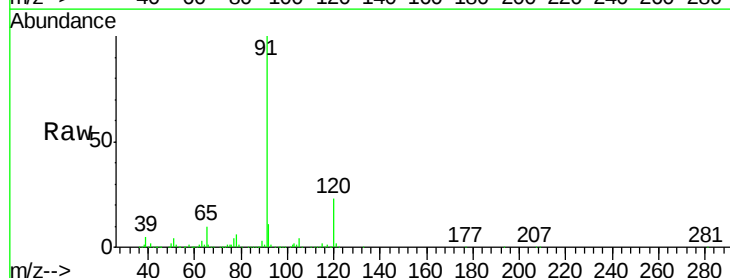
Acq: 10 Jul 2020 12:16

Tgt Ion: 91 Resp: 1237088

Ion Ratio Lower Upper

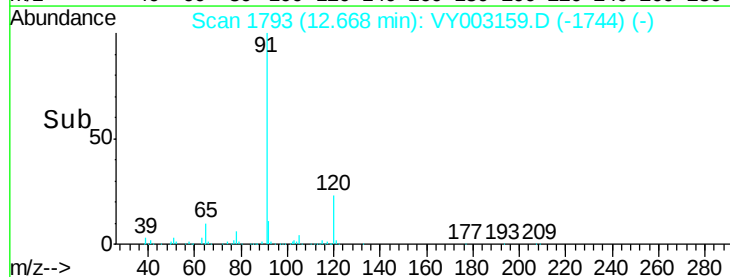
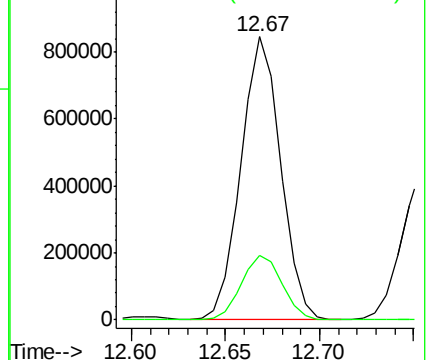
91 100

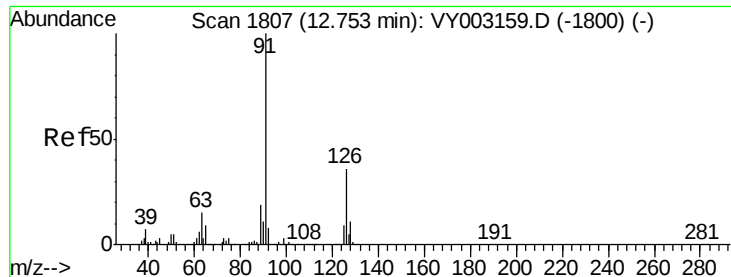
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

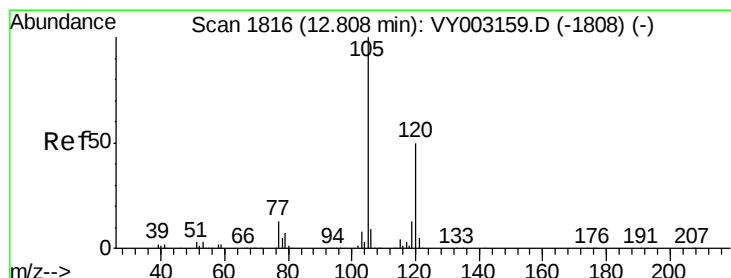
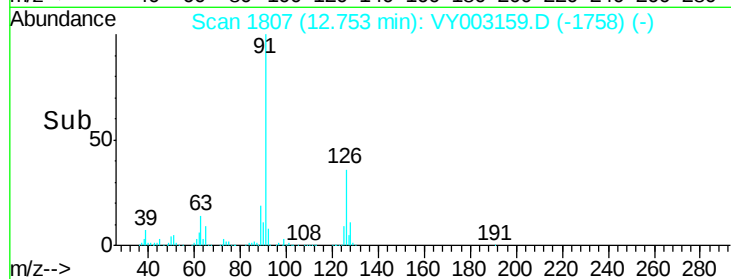
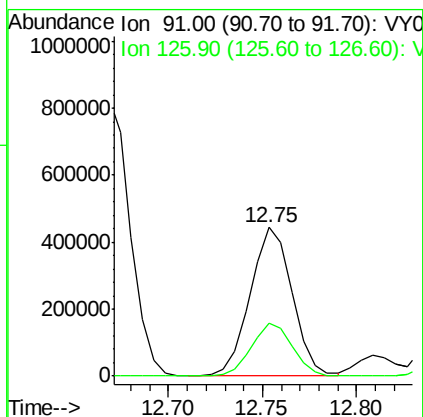
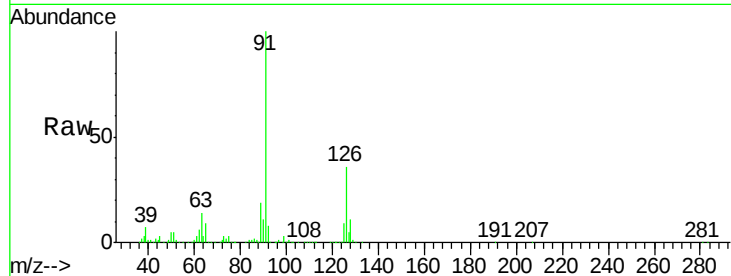




#79
 2-Chlorotoluene
 Concen: 45.658 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

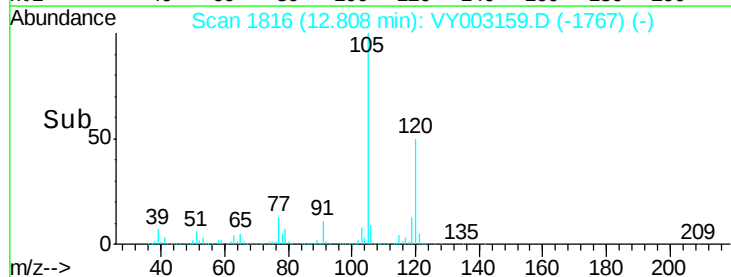
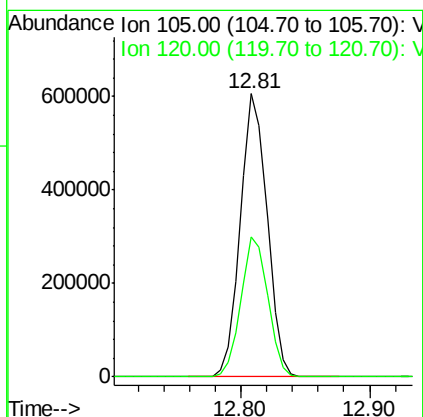
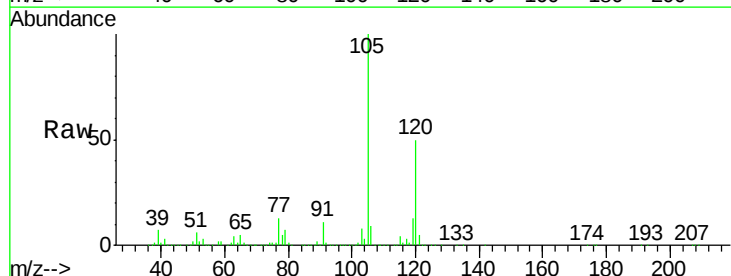
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

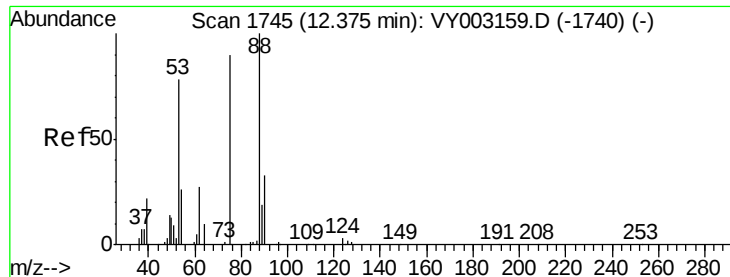
Tgt Ion: 91 Resp: 685223
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 46.402 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion: 105 Resp: 871836
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 43.988 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

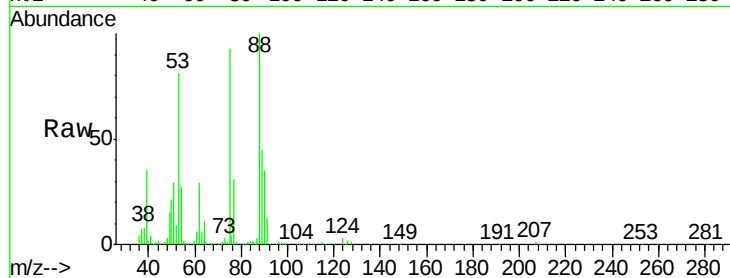
Tgt Ion: 75 Resp: 75365

Ion Ratio Lower Upper

75 100

53 90.0 72.0 108.0

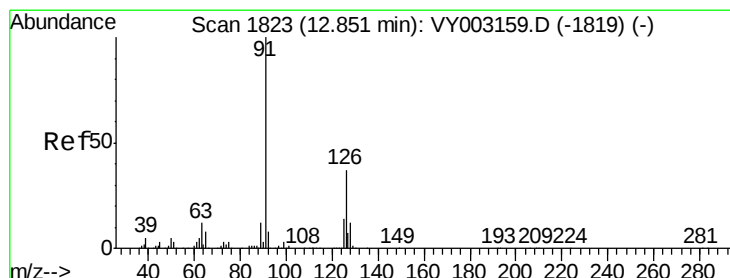
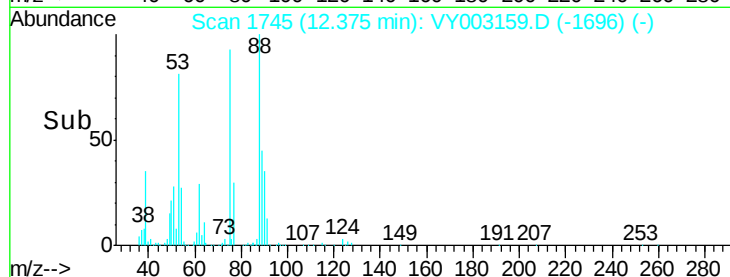
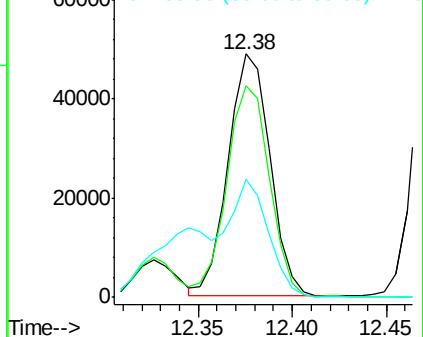
89 46.6 37.3 55.9



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: 45.928 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003159.D

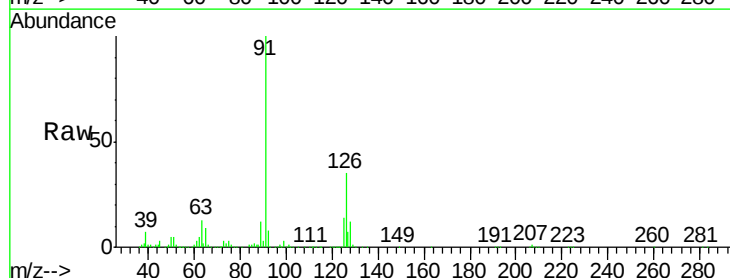
Acq: 10 Jul 2020 12:16

Tgt Ion: 91 Resp: 717236

Ion Ratio Lower Upper

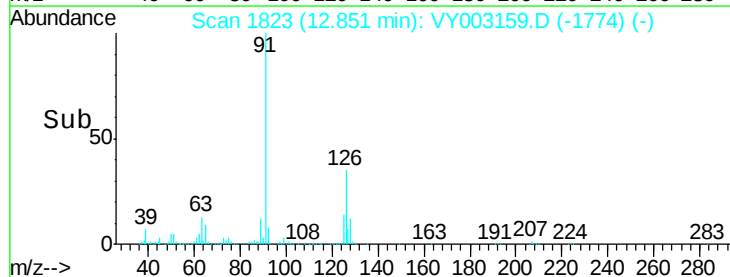
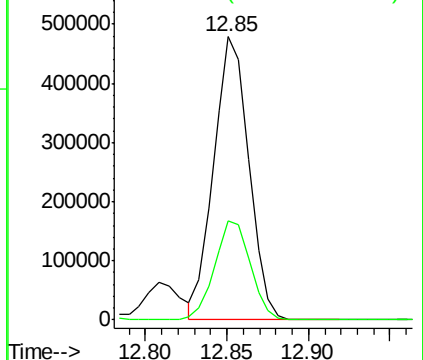
91 100

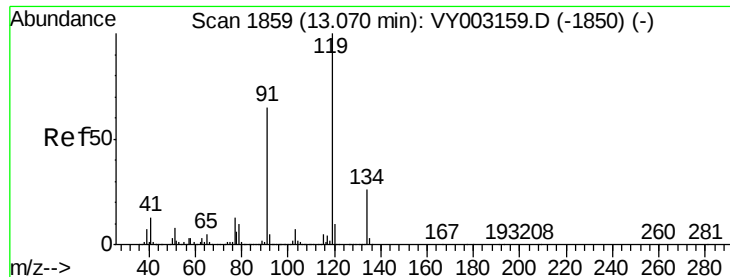
126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

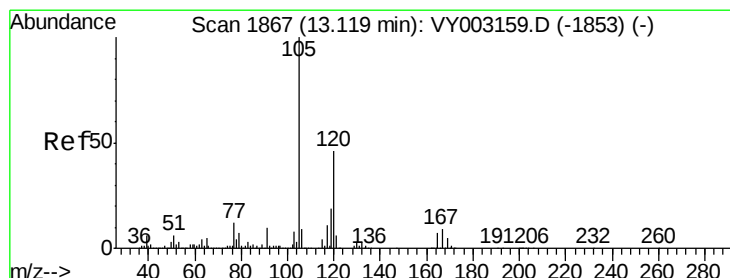
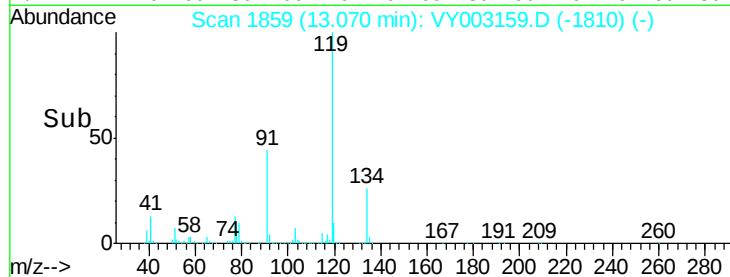
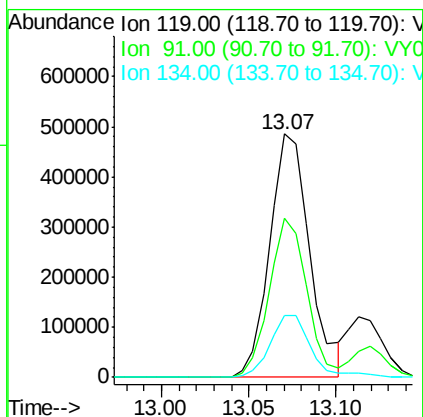
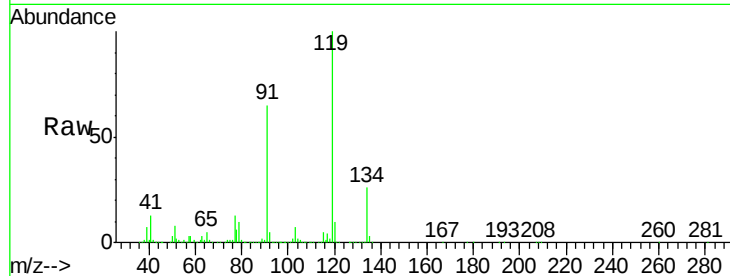




#83
tert-Butylbenzene
Concen: 46.872 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

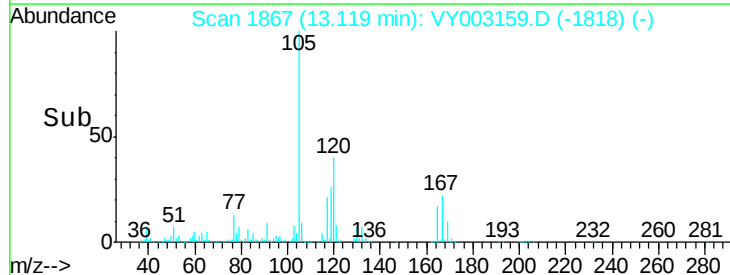
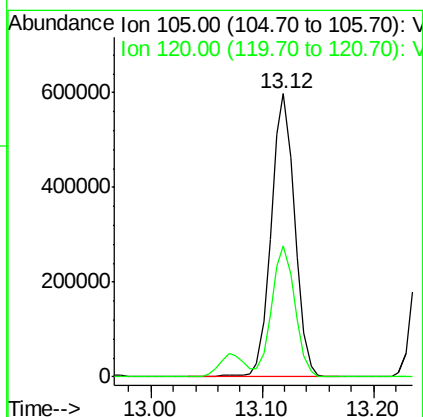
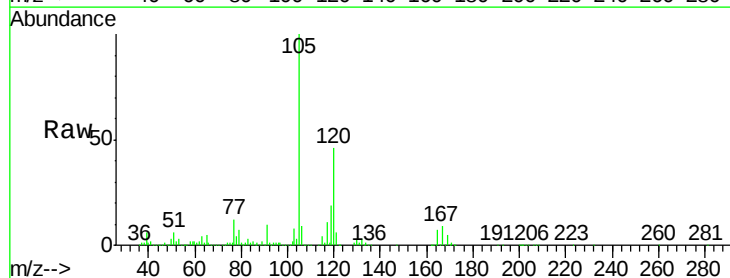
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

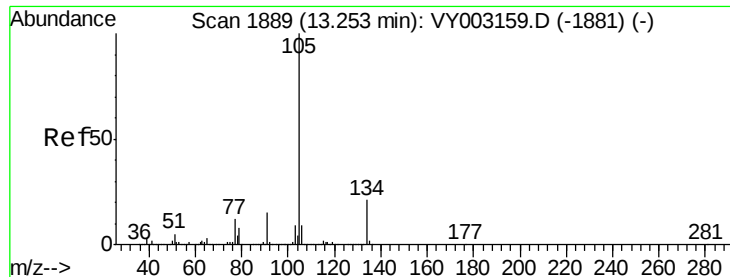
Tgt Ion:119 Resp: 774081
Ion Ratio Lower Upper
119 100
91 61.6 30.8 92.4
134 26.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 46.472 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion:105 Resp: 880133
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5

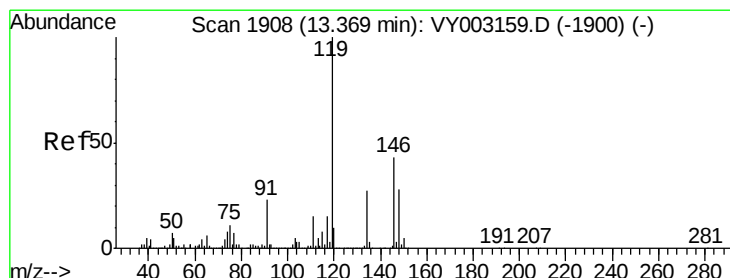
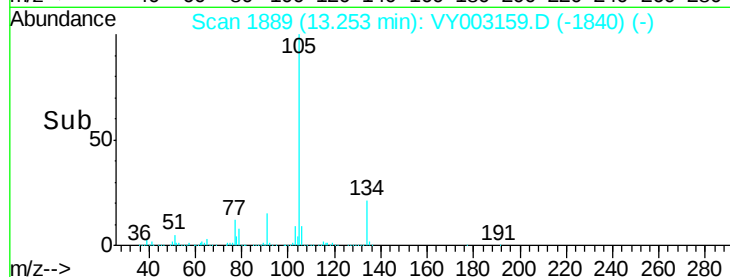
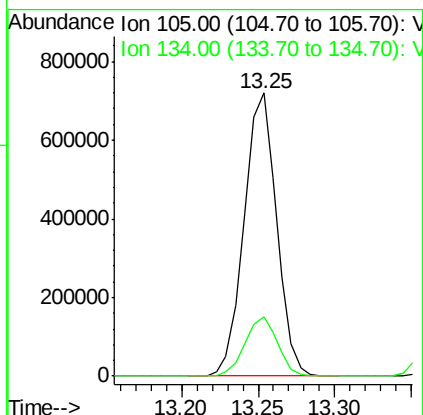
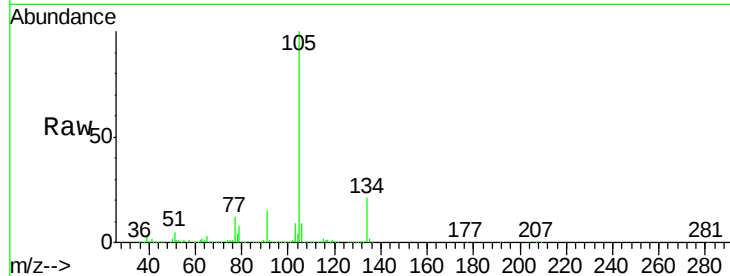




#85
 sec-Butylbenzene
 Concen: 46.621 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

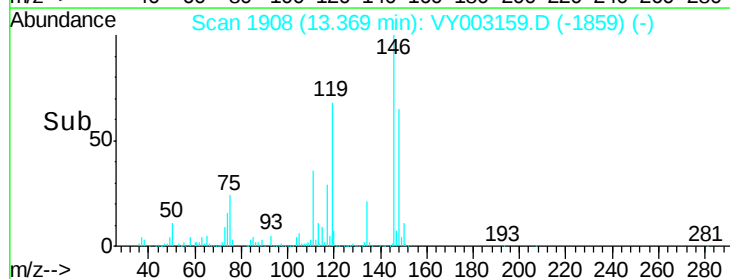
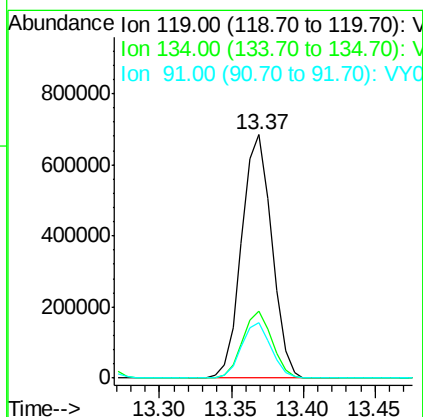
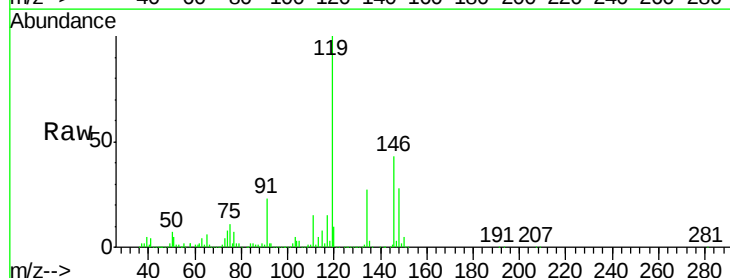
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

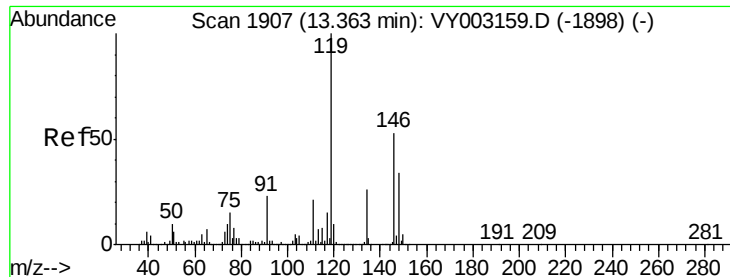
Tgt Ion:105 Resp: 1060009
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 47.109 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion:119 Resp: 993758
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.4 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 46.702 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

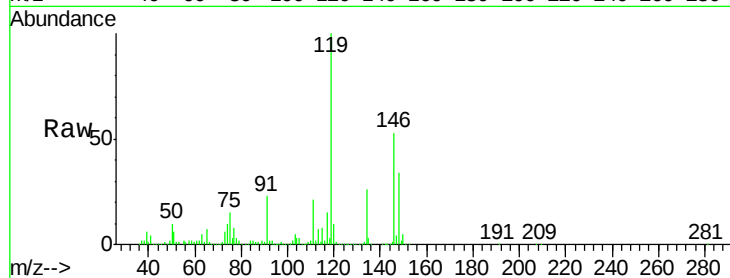
Tgt Ion:146 Resp: 500705

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

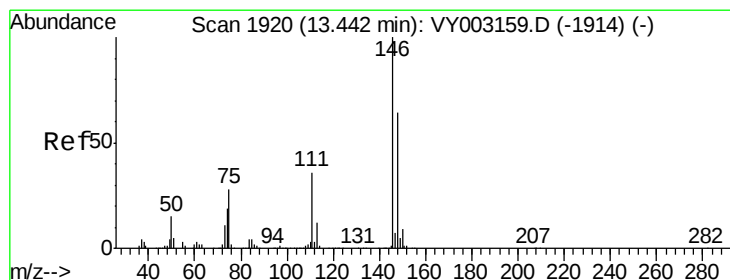
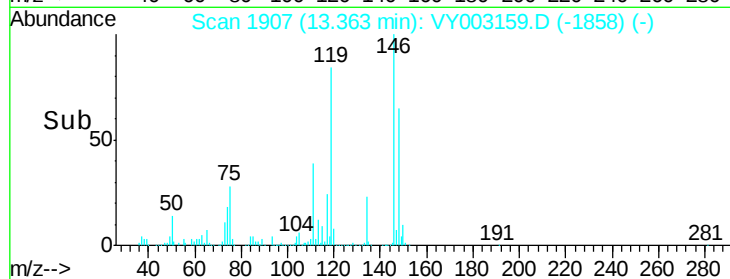
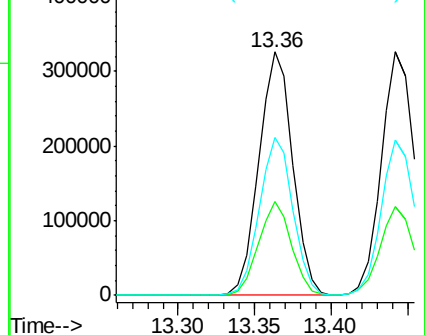
148 64.6 32.3 96.9



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



#88

1,4-Dichlorobenzene

Concen: 46.589 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003159.D

Acq: 10 Jul 2020 12:16

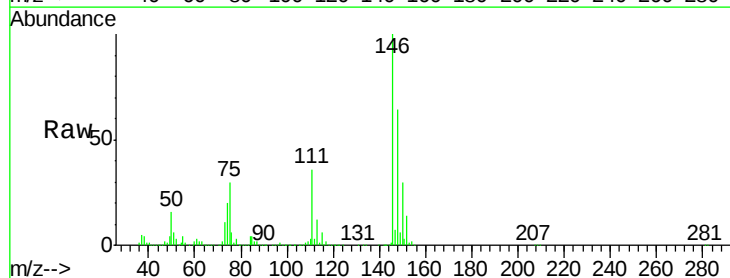
Tgt Ion:146 Resp: 492432

Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.0

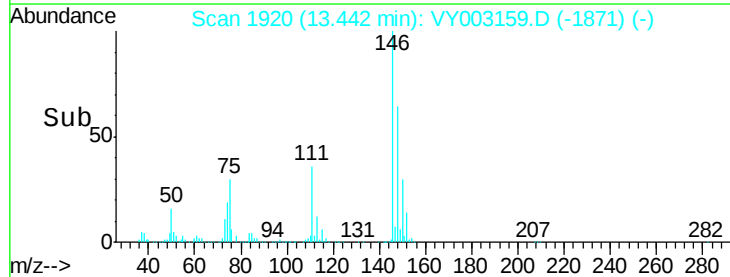
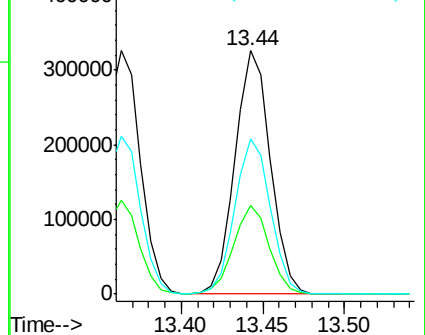
148 64.0 32.0 96.0

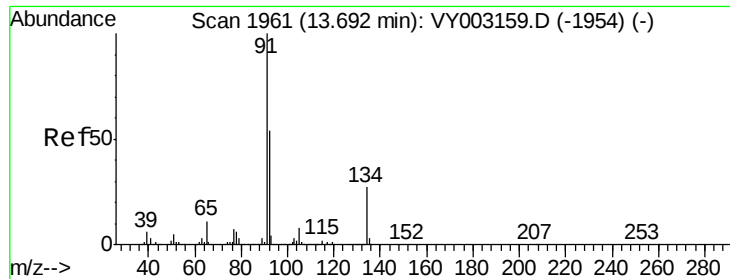


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

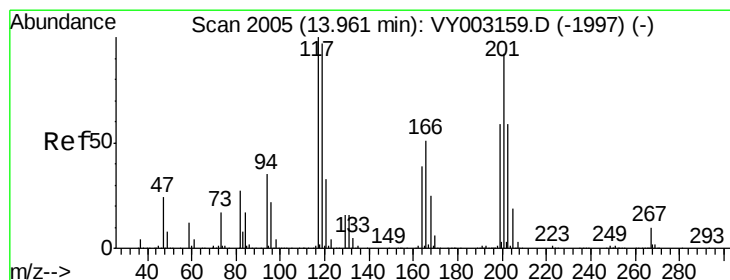
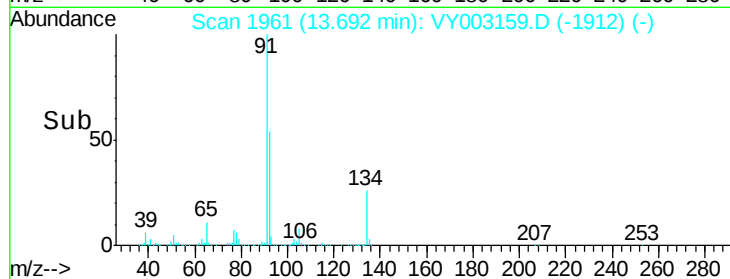
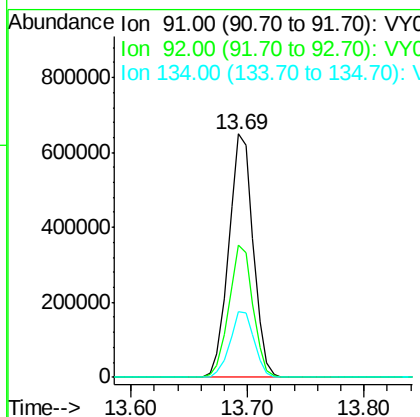
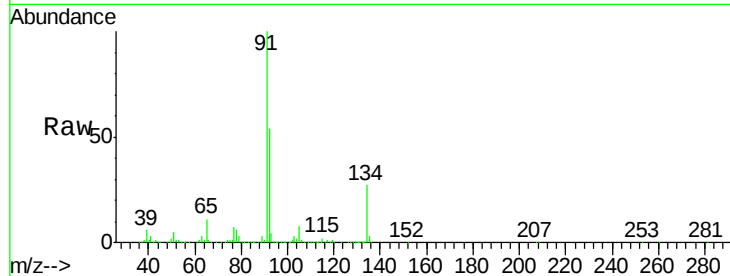




#89
n-Butylbenzene
Concen: 46.745 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

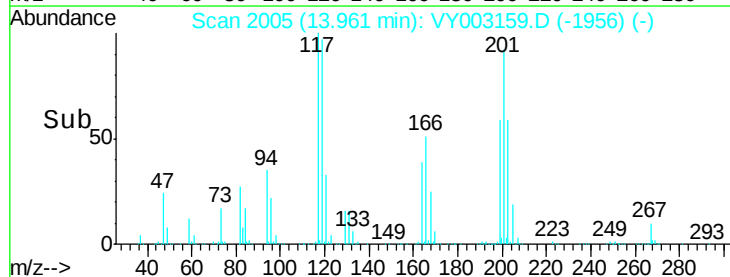
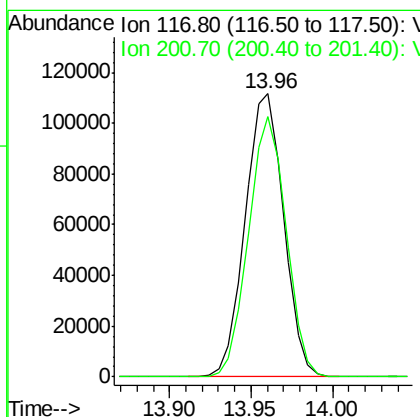
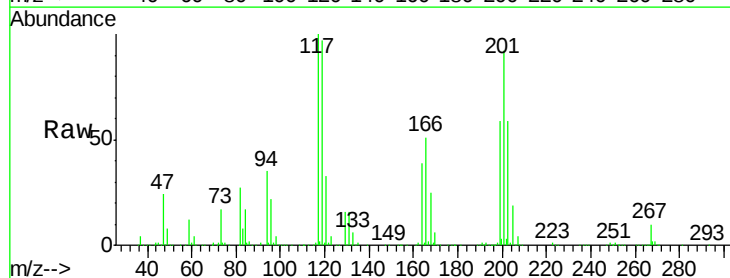
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

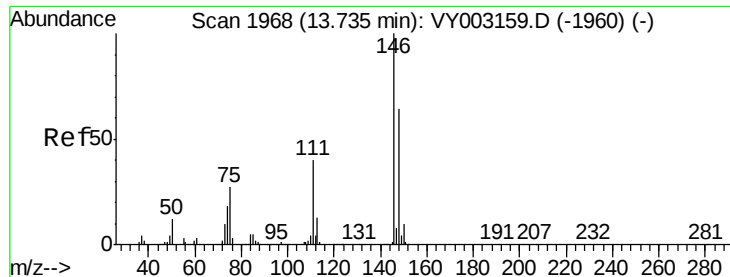
Tgt Ion: 91 Resp: 940888
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 44.164 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion: 117 Resp: 182999
Ion Ratio Lower Upper
117 100
201 90.2 45.1 135.3

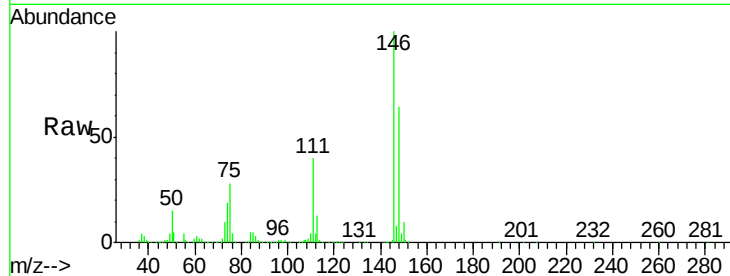




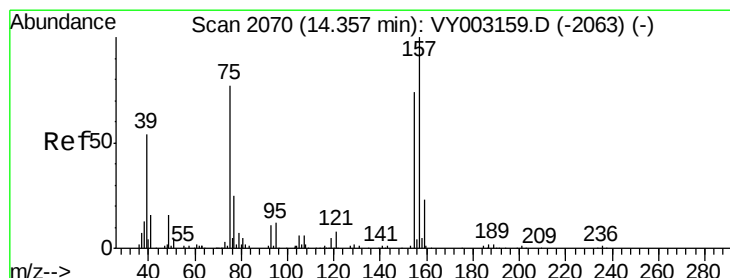
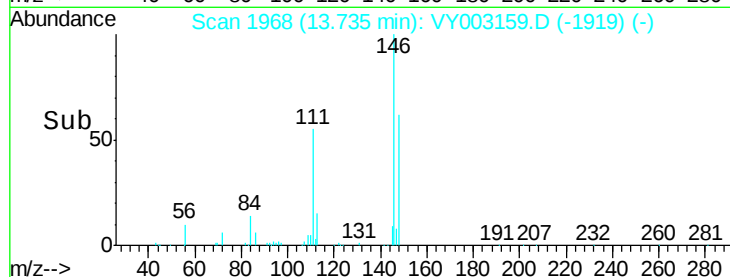
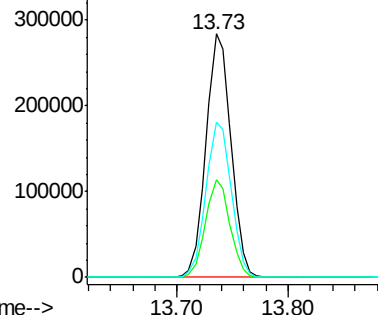
#91
 1,2-Dichlorobenzene
 Concen: 46.028 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.7	32.4	97.0

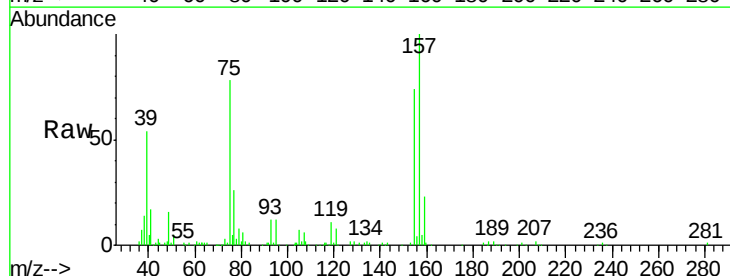


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

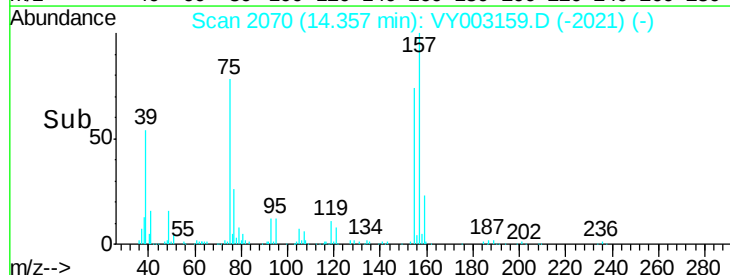
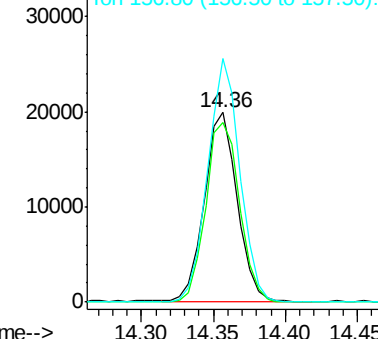


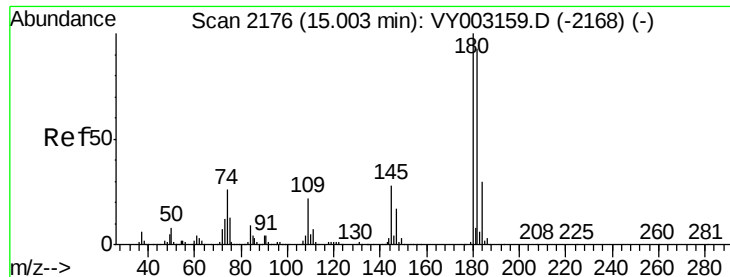
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.172 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	48.1	144.3
157	123.7	61.9	185.6



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

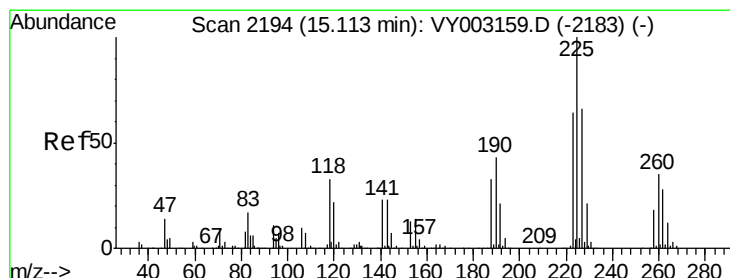
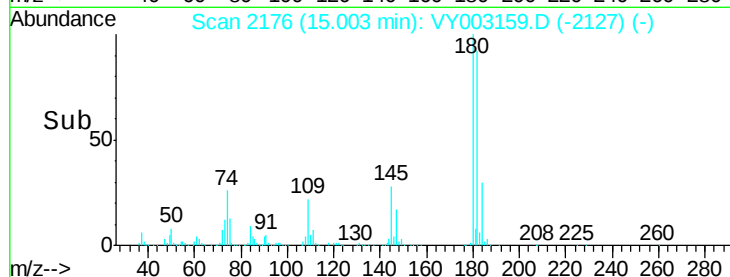
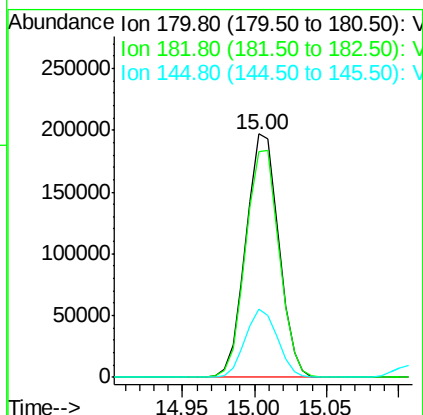
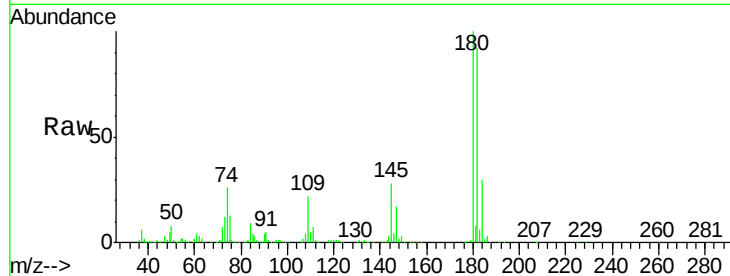




#93
 1,2,4-Trichlorobenzene
 Concen: 44.059 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

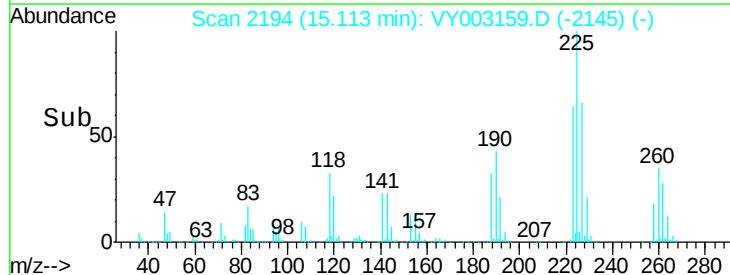
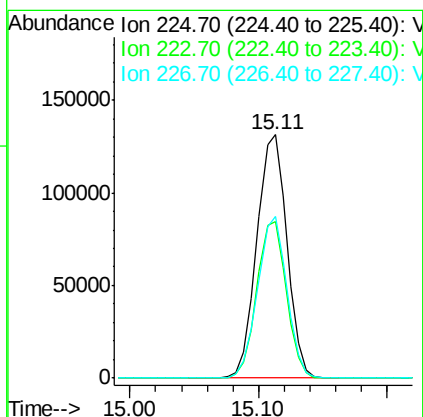
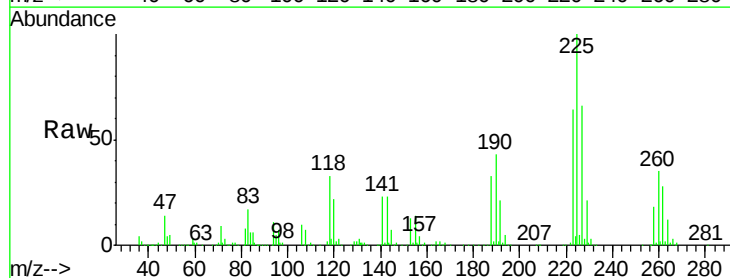
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

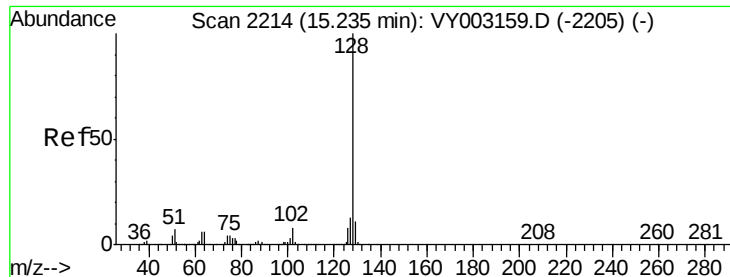
Tgt Ion:180 Resp: 311448
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 27.4 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 46.873 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003159.D
 Acq: 10 Jul 2020 12:16

Tgt Ion:225 Resp: 211482
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 94.7
 227 64.5 32.3 96.8

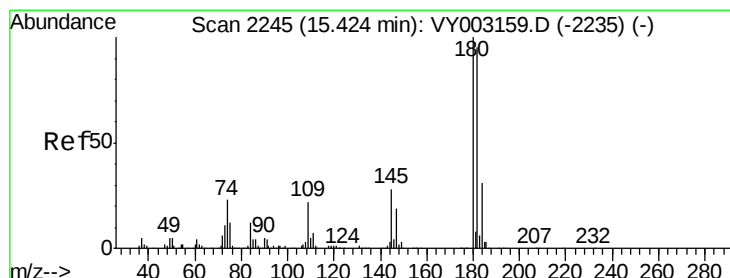
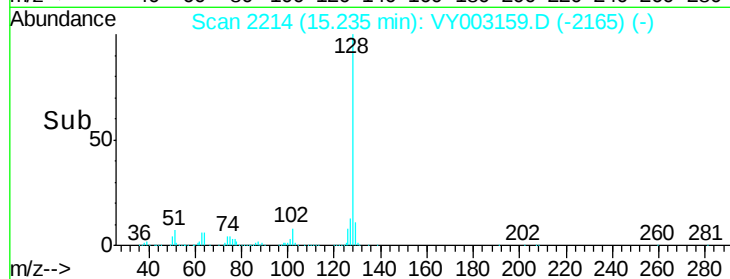
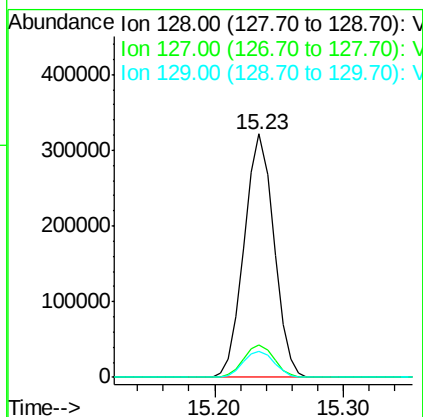
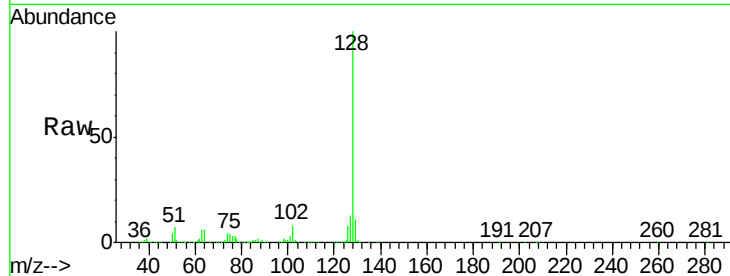




#95
Naphthalene
Concen: 40.649 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 514628
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 40.449 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003159.D
Acq: 10 Jul 2020 12:16

Tgt Ion:180 Resp: 243874
Ion Ratio Lower Upper
180 100
182 97.5 48.8 146.3
145 29.7 14.9 44.5

