

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012075.D
 Acq On : 05 Jan 2023 15:17
 Operator : KP/MD
 Sample : VY0105SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0105SBL01

Quant Time: Jan 05 23:18:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

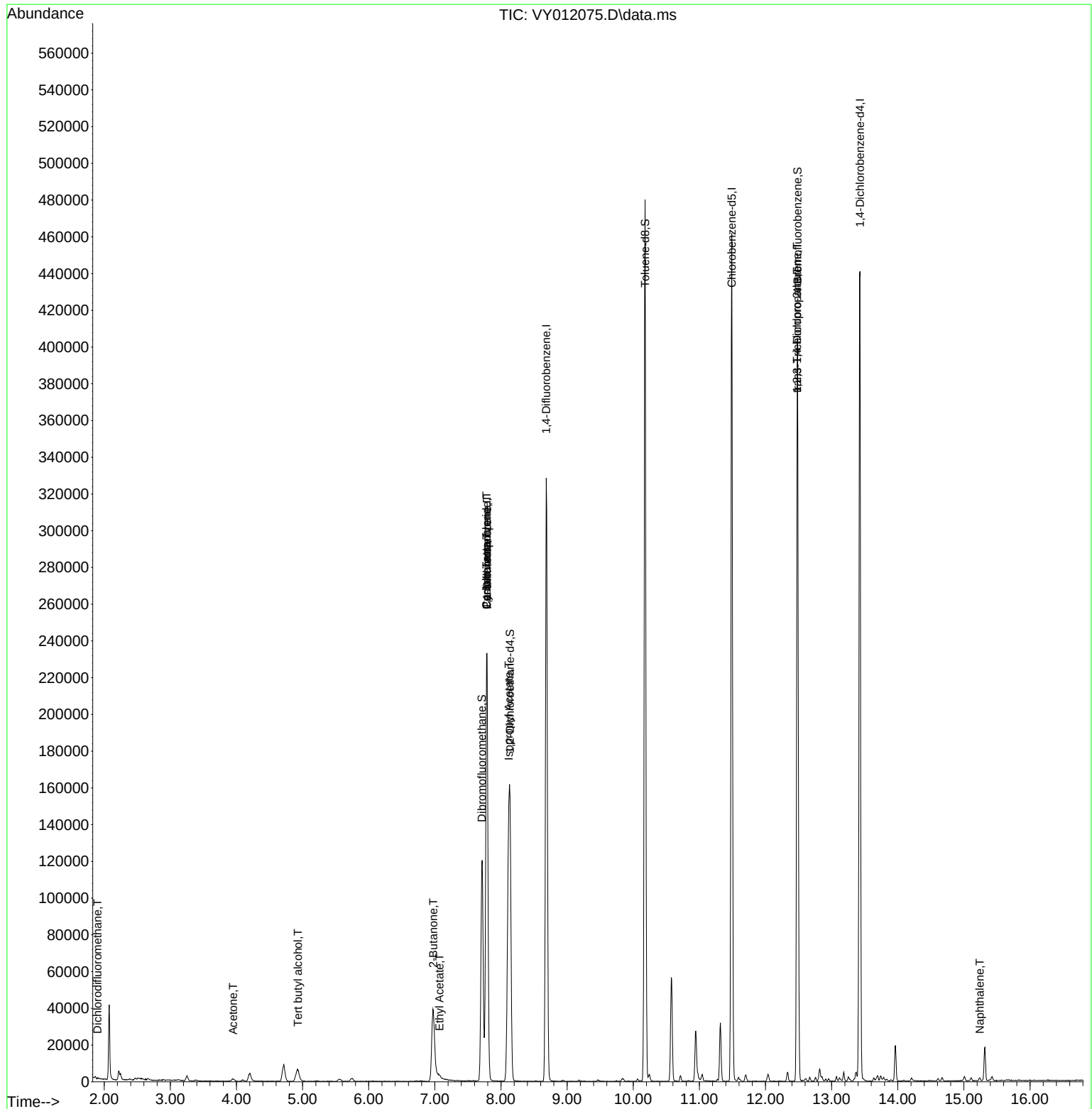
Internal Standards						
1) Pentafluorobenzene	7.789	168	187533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90028	47.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.300%
35) Dibromofluoromethane	7.710	113	83499	47.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.880%
50) Toluene-d8	10.179	98	314775	44.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.483	95	102424	43.098	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	159	2.568	ug/l	98
11) Tert butyl alcohol	4.930	59	6743	1.074	ug/l #	75
16) Acetone	3.948	43	2484	9.192	ug/l	89
20) Methylene Chloride	4.716	84	6877	Below Cal		93
25) 2-Butanone	6.978	43	2886	4.586	ug/l #	88
31) Cyclohexane	7.783	56	3634	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13118	4.696	ug/l #	50
37) Ethyl Acetate	7.070	43	1866	1.489	ug/l #	79
38) Carbon Tetrachloride	7.783	117	19316	5.987	ug/l #	17
43) Isopropyl Acetate	8.118	43	2340	1.022	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	55011	36.225	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55011	99.203	ug/l #	13
95) Naphthalene	15.239	128	1889	3.175	ug/l #	96

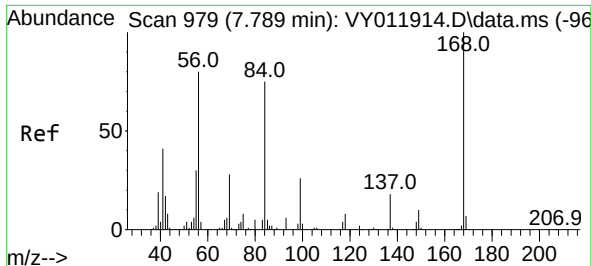
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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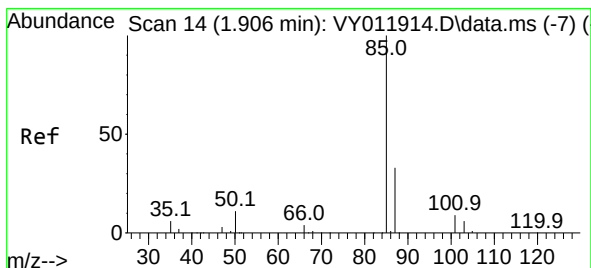
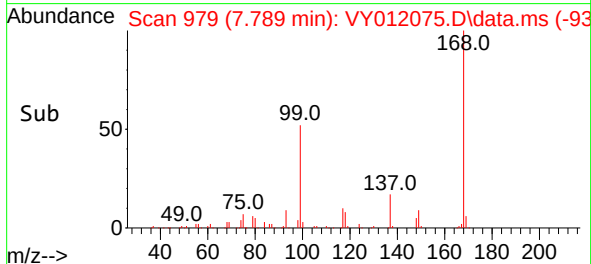
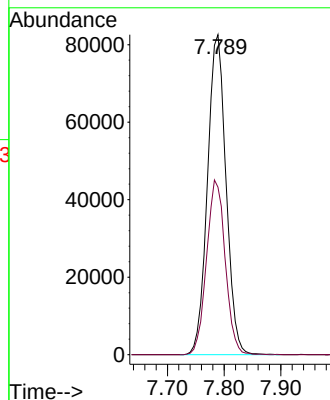
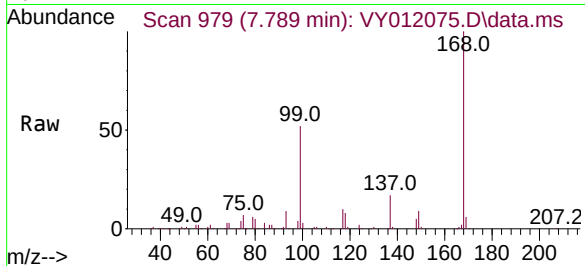




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

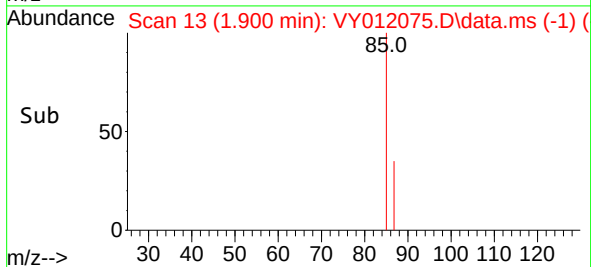
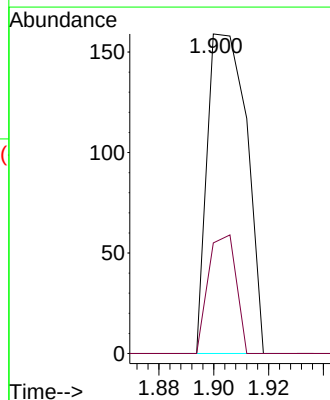
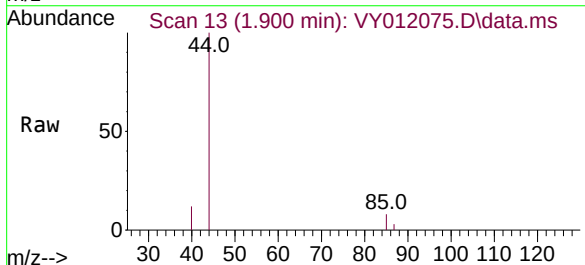
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

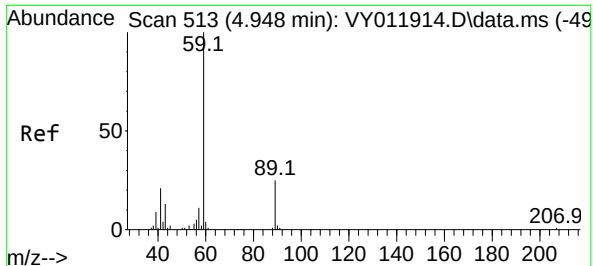
Tgt Ion:168 Resp: 187533
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.568 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Tgt Ion: 85 Resp: 159
Ion Ratio Lower Upper
85 100
87 34.6 16.8 50.4





#11

Tert butyl alcohol

Concen: 1.074 ug/l

RT: 4.930 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY012075.D

Acq: 05 Jan 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

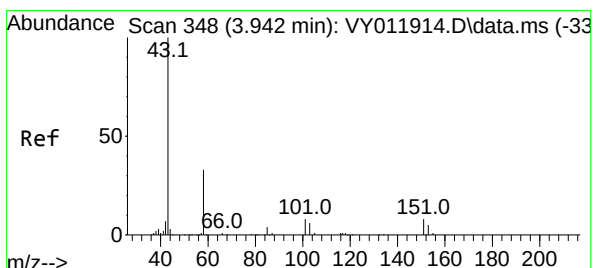
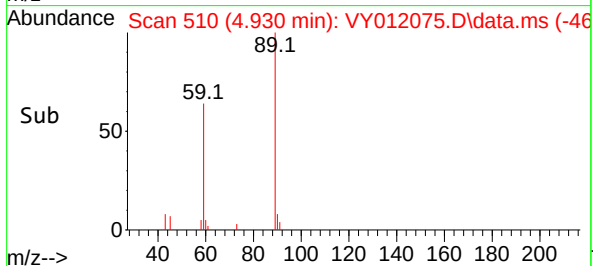
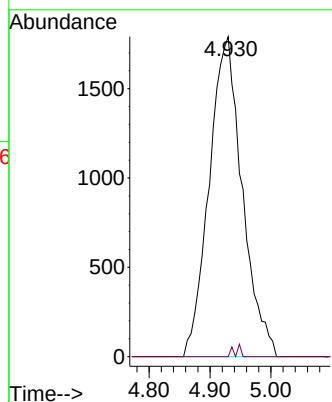
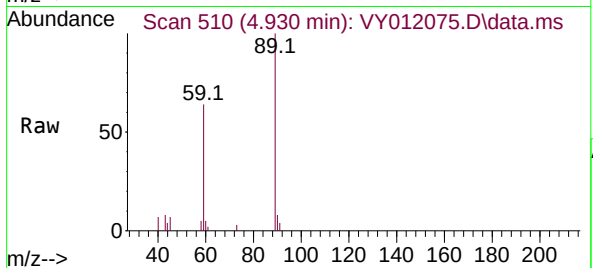
VY0105SBL01

Tgt Ion: 59 Resp: 6743

Ion Ratio Lower Upper

59 100

57 0.3 7.4 11.2#



#16

Acetone

Concen: 9.192 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY012075.D

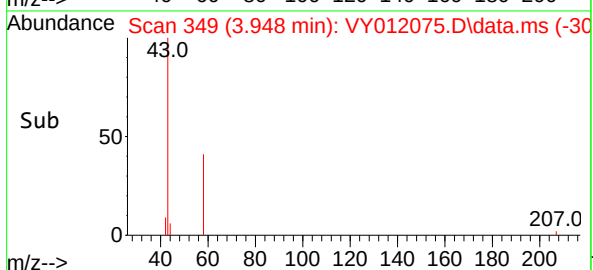
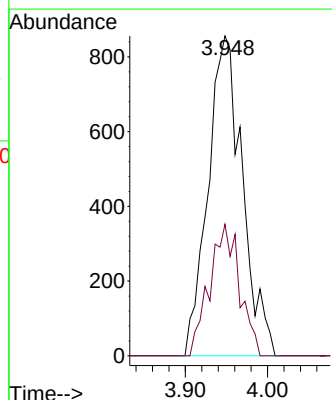
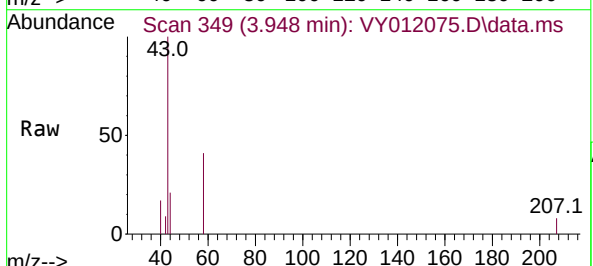
Acq: 05 Jan 2023 15:17

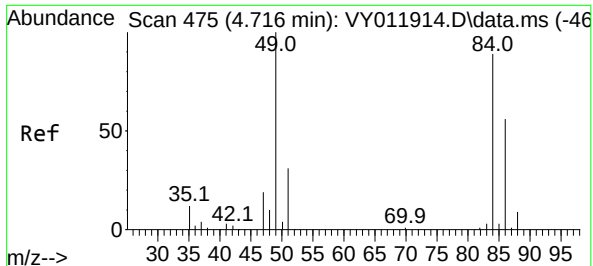
Tgt Ion: 43 Resp: 2484

Ion Ratio Lower Upper

43 100

58 41.1 27.9 41.9





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012075.D

Acq: 05 Jan 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBL01

Tgt Ion: 84 Resp: 6877

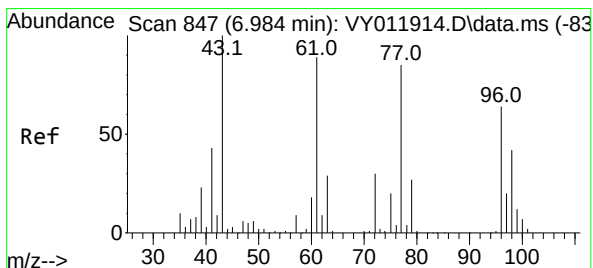
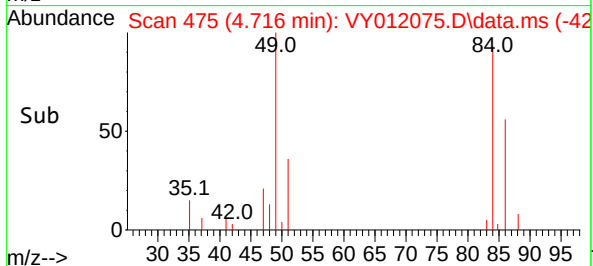
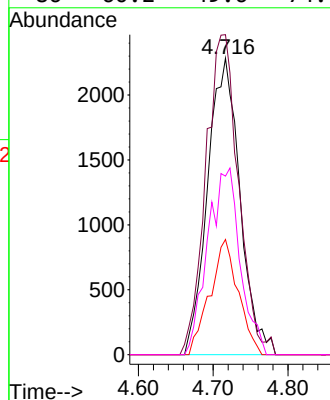
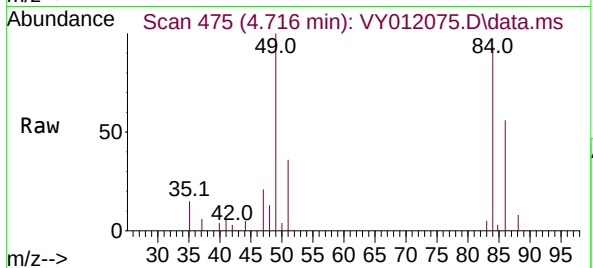
Ion Ratio Lower Upper

84 100

49 107.9 95.4 143.2

51 38.9 29.9 44.9

86 60.2 49.6 74.4



#25

2-Butanone

Concen: 4.586 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012075.D

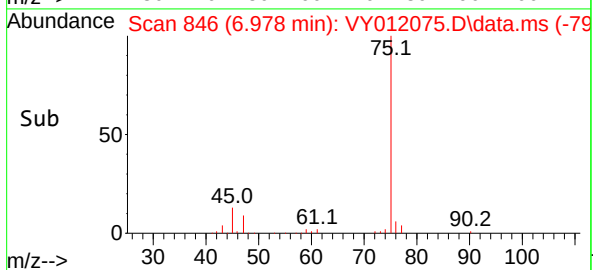
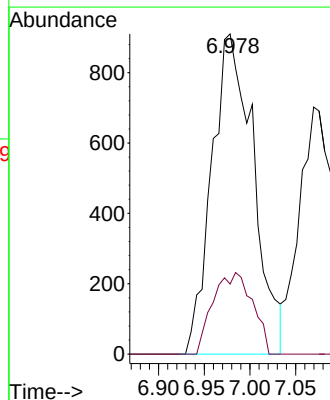
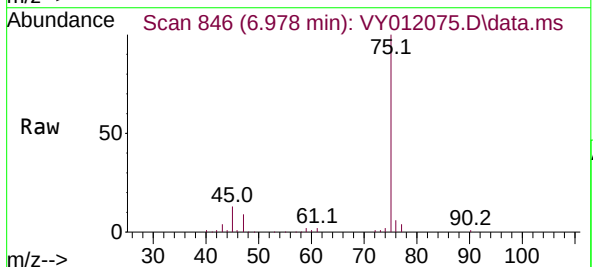
Acq: 05 Jan 2023 15:17

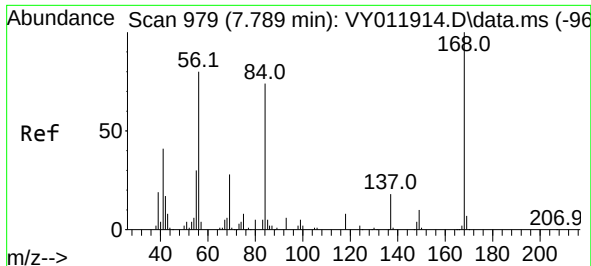
Tgt Ion: 43 Resp: 2886

Ion Ratio Lower Upper

43 100

72 21.9 22.6 34.0#

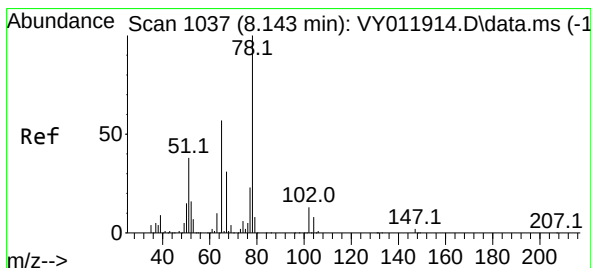
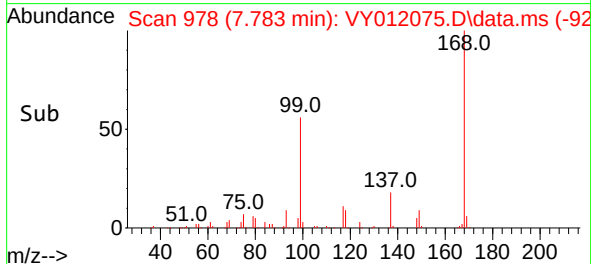
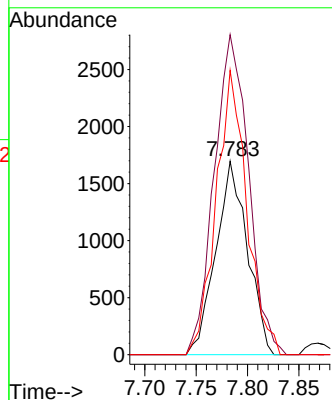
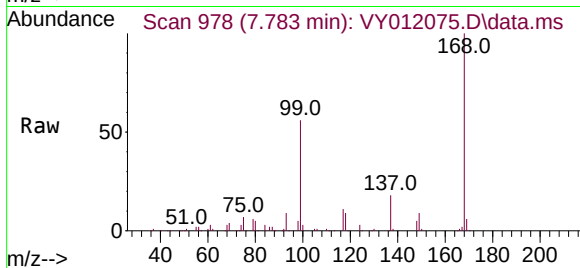




#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

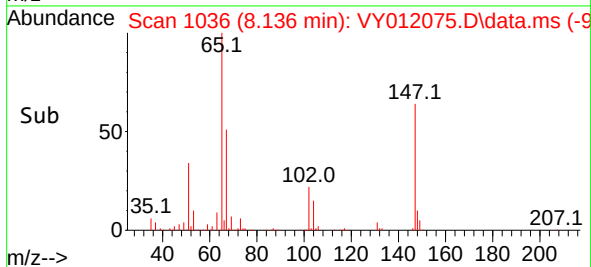
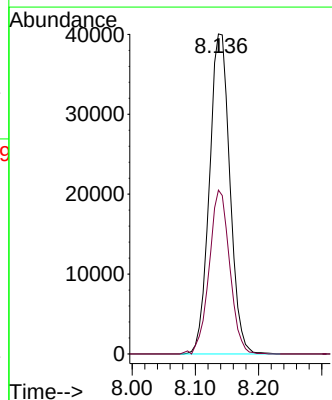
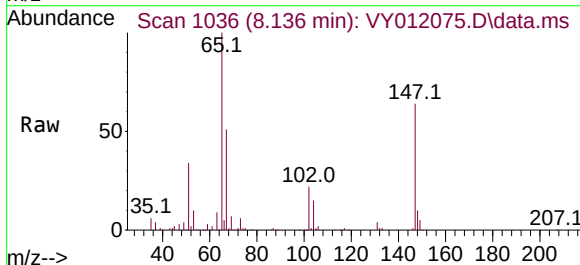
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

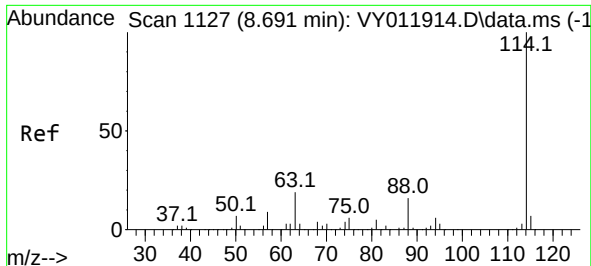
Tgt Ion: 56 Resp: 3634
Ion Ratio Lower Upper
56 100
69 165.4 29.2 43.8#
84 147.0 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 47.650 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Tgt Ion: 65 Resp: 90028
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012075.D

Acq: 05 Jan 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBL01

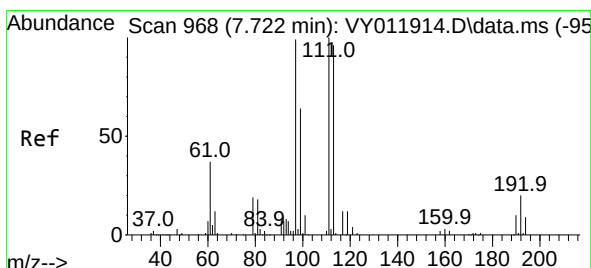
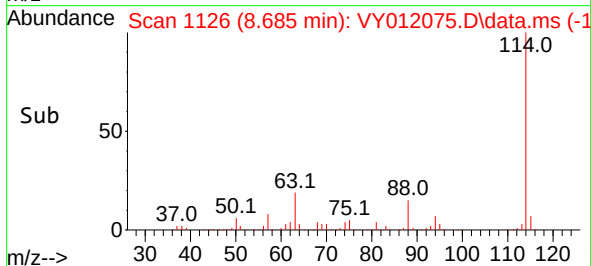
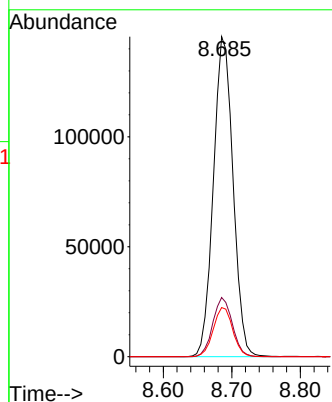
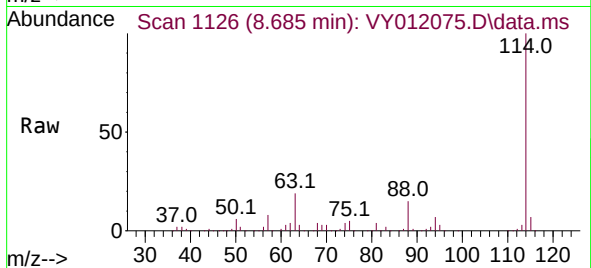
Tgt Ion:114 Resp: 289298

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.942 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012075.D

Acq: 05 Jan 2023 15:17

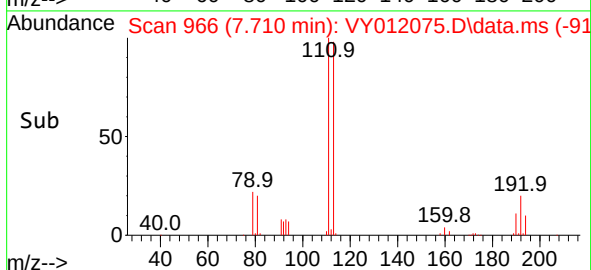
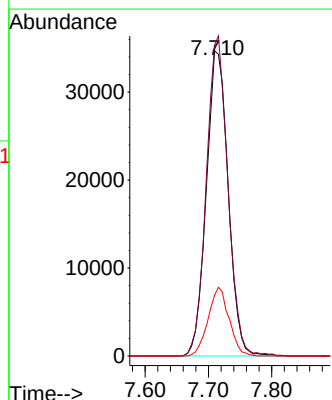
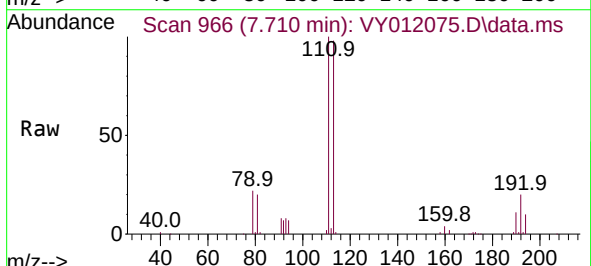
Tgt Ion:113 Resp: 83499

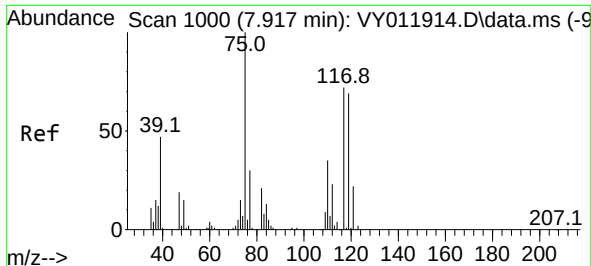
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 21.4 16.0 24.0

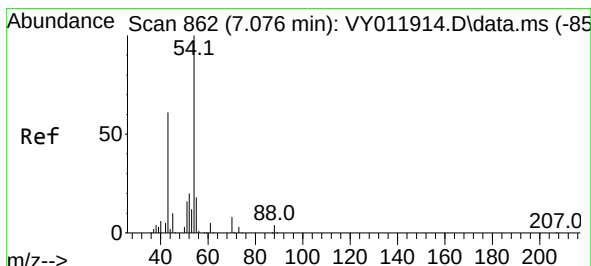
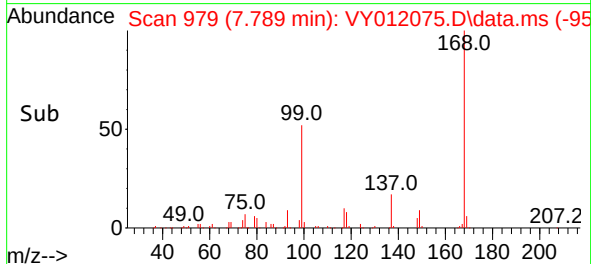
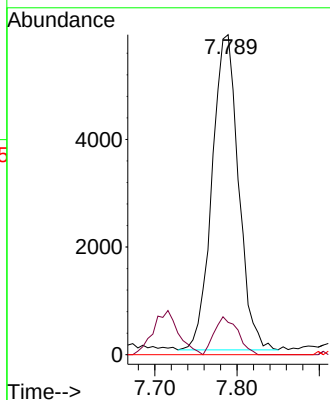
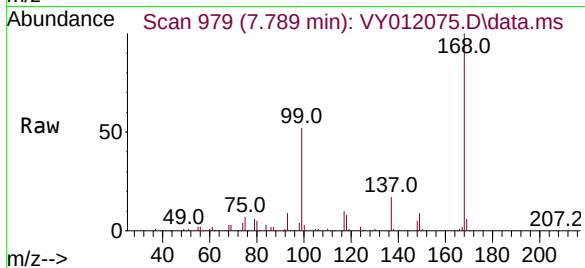




#36
1,1-Dichloropropene
Concen: 4.696 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

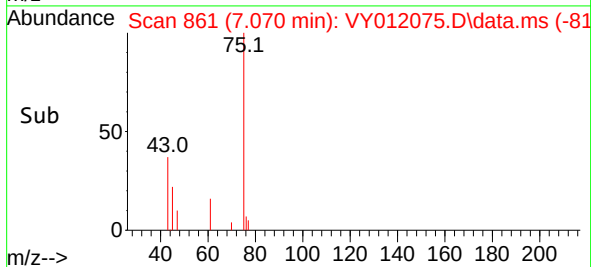
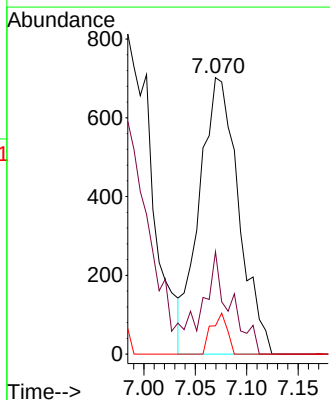
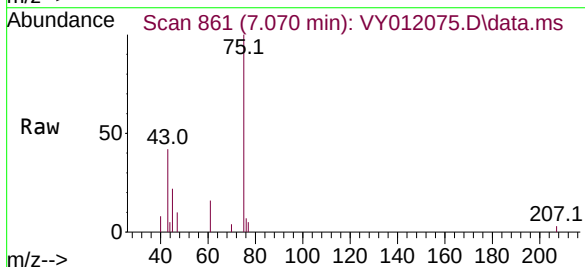
Instrument :
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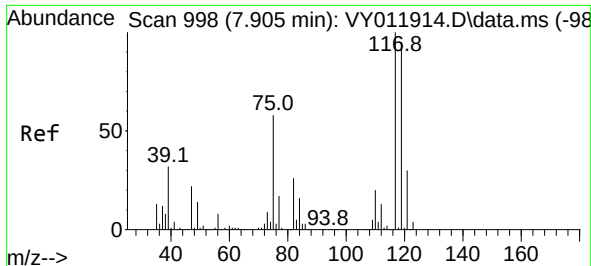
Tgt Ion: 75 Resp: 13118
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.1#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.489 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

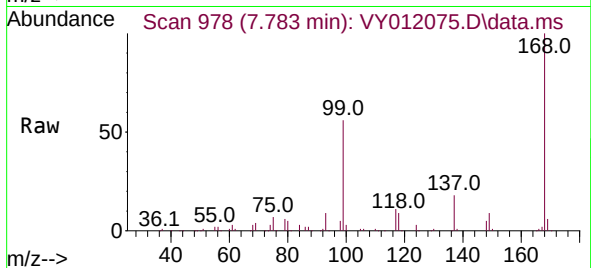
Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
61 25.3 11.3 16.9#
70 5.9 8.2 12.4#



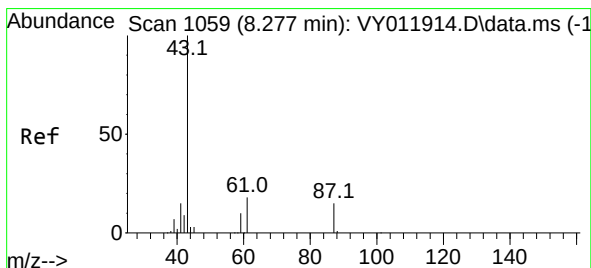
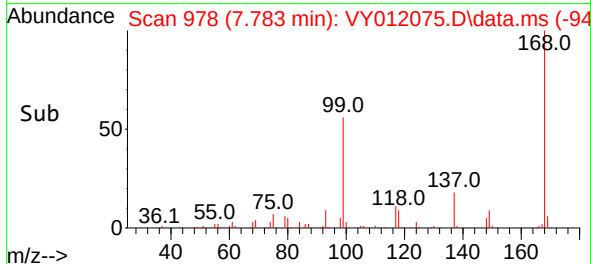
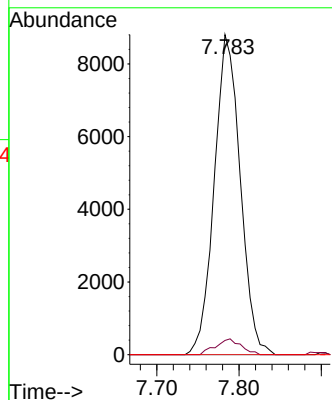


#38
Carbon Tetrachloride
Concen: 5.987 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

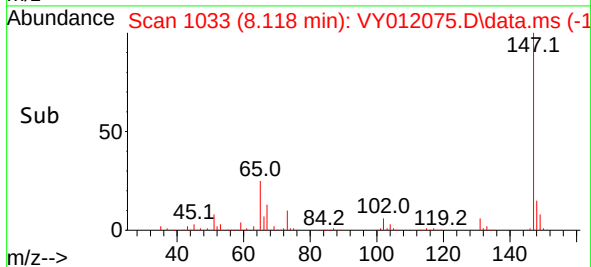
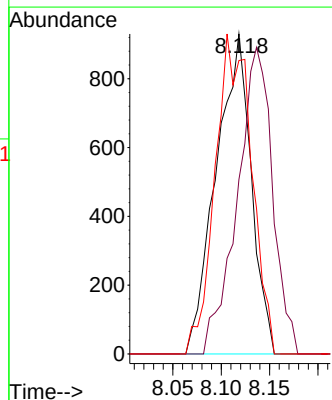
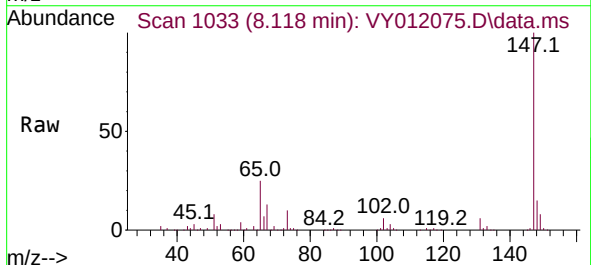


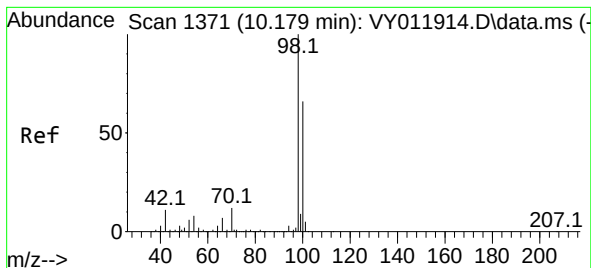
Tgt Ion:117 Resp: 19316
Ion Ratio Lower Upper
117 100
119 4.4 73.8 110.8#
121 0.0 25.2 37.8#



#43
Isopropyl Acetate
Concen: 1.022 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.152 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Tgt Ion: 43 Resp: 2340
Ion Ratio Lower Upper
43 100
61 0.0 24.4 36.6#
87 103.6 11.4 17.2#

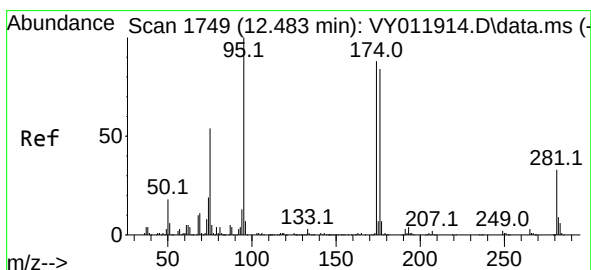
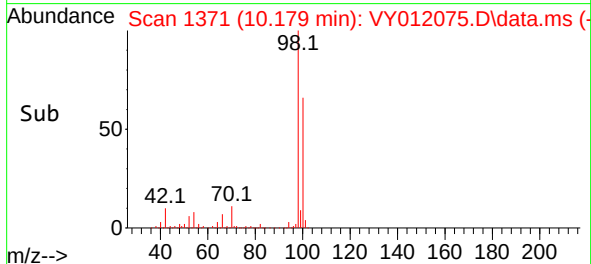
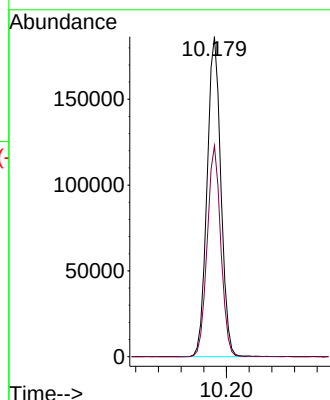
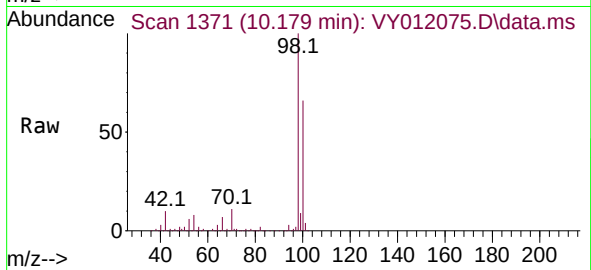




#50
Toluene-d8
Concen: 44.546 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

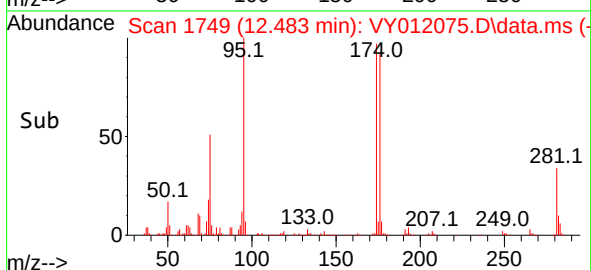
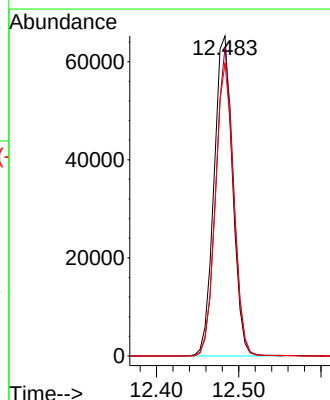
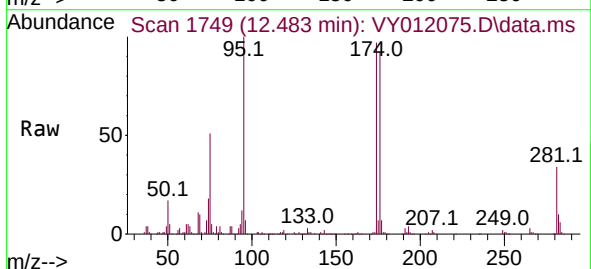
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

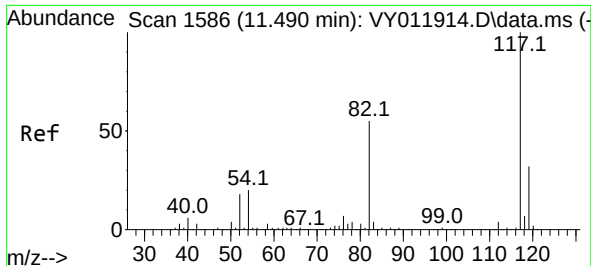
Tgt Ion: 98 Resp: 314775
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.098 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Tgt Ion: 95 Resp: 102424
Ion Ratio Lower Upper
95 100
174 92.4 0.0 172.0
176 89.7 0.0 167.6

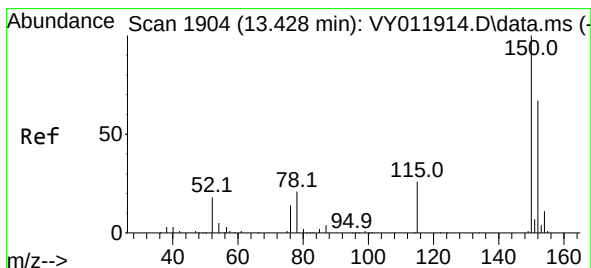
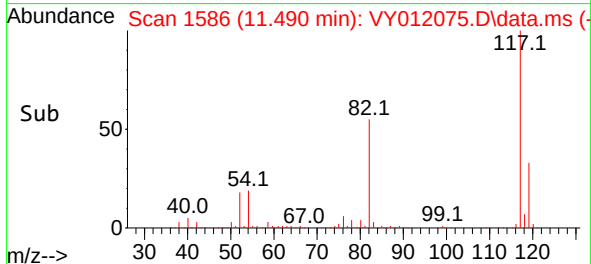
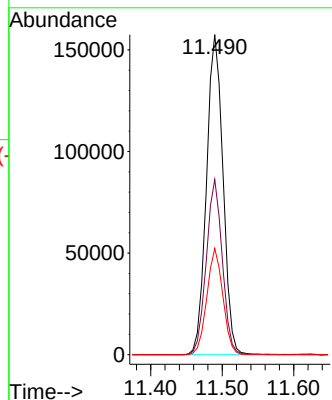
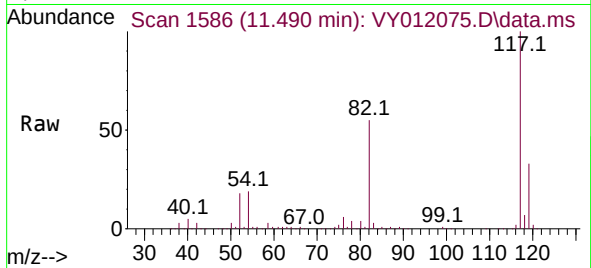




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11586
Delta R.T. 0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

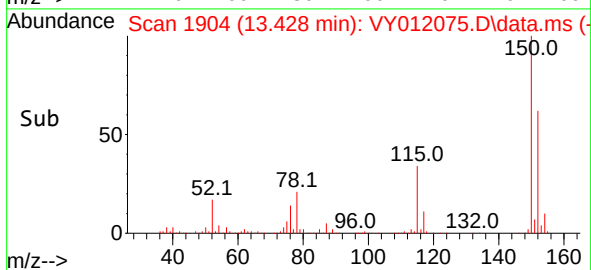
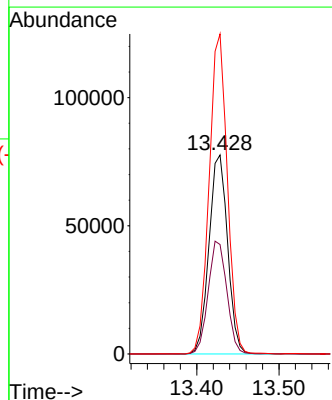
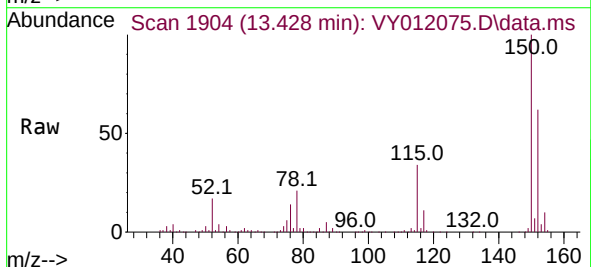
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

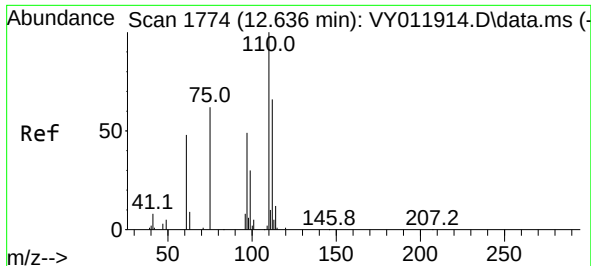
Tgt Ion:117 Resp: 252609
Ion Ratio Lower Upper
117 100
82 54.8 44.8 67.2
119 33.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Tgt Ion:152 Resp: 122040
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 157.0 0.0 342.6

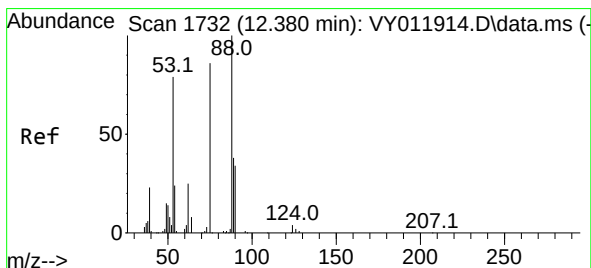
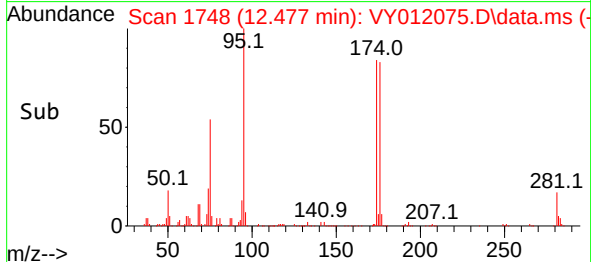
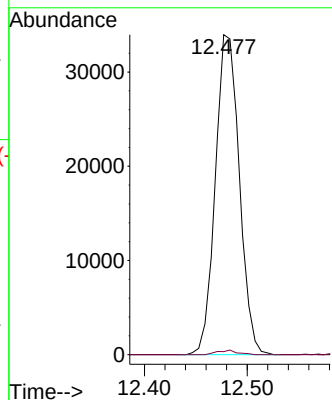
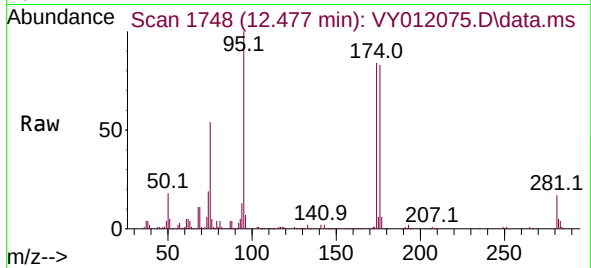




#76
1,2,3-Trichloropropane
Concen: 36.225 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

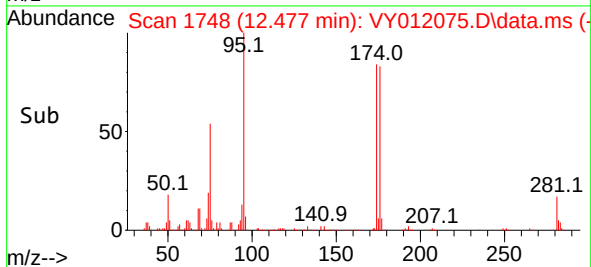
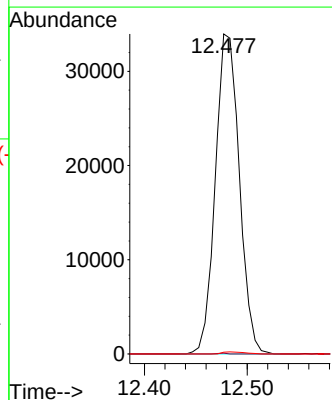
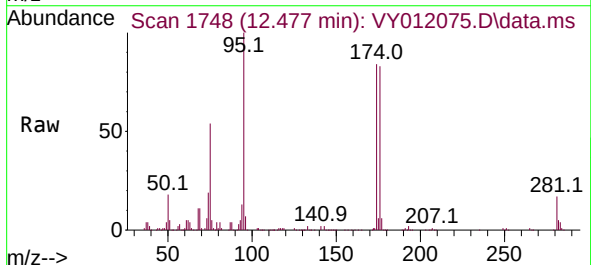
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

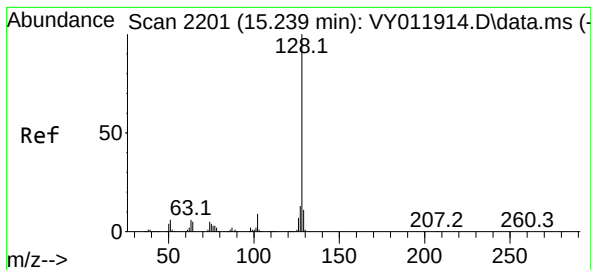
Tgt Ion: 75 Resp: 55011
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.203 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Tgt Ion: 75 Resp: 55011
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.6 37.0 55.4#





#95
Naphthalene
Concen: 3.175 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

Tgt Ion:128 Resp: 1889
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 8.0 8.8 13.2#

