

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011955.D
 Acq On : 21 Dec 2022 18:31
 Operator : KP/MD
 Sample : N6151-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-02-(0-2)

Quant Time: Dec 22 00:15:00 2022
 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)

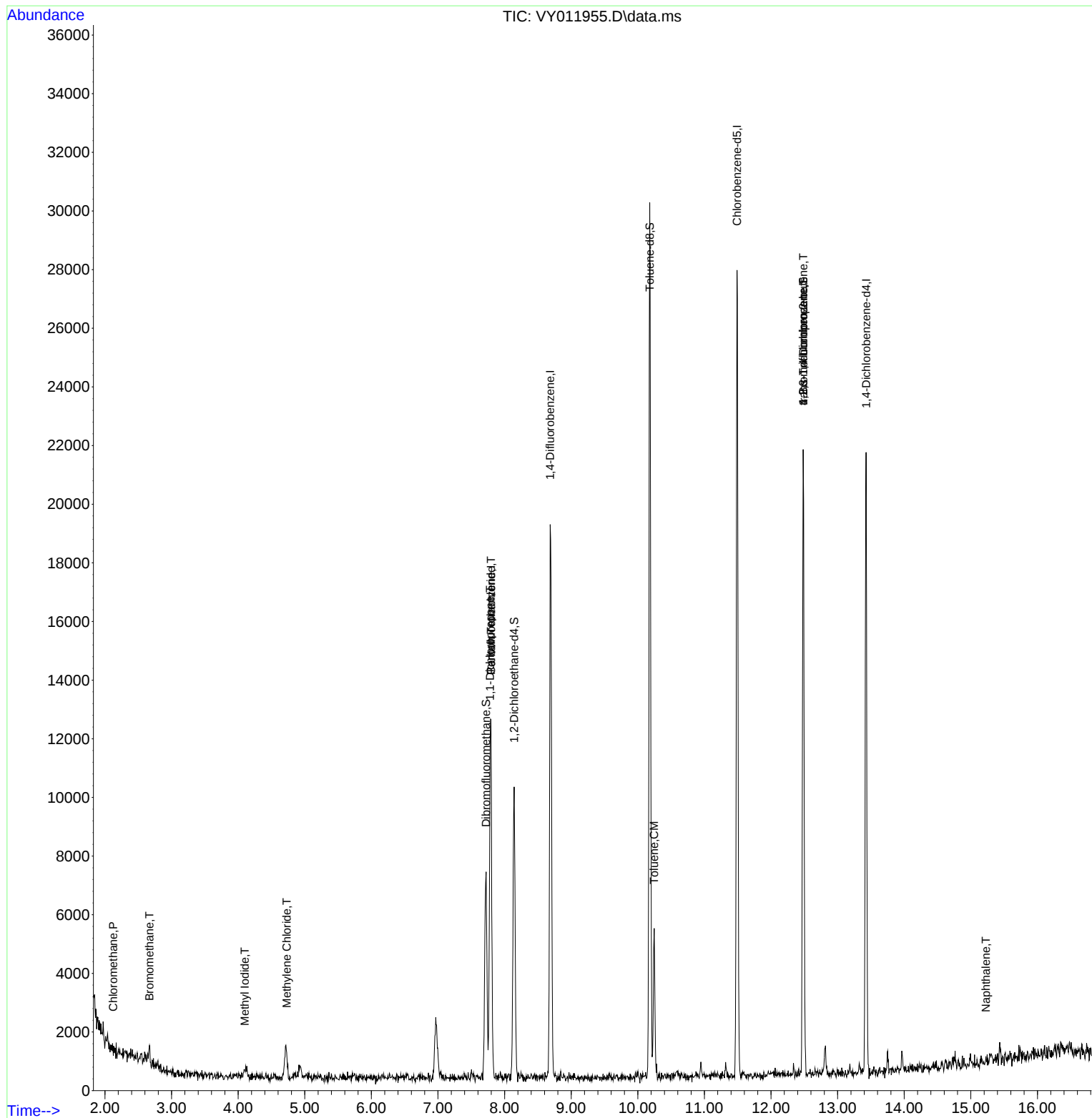
Internal Standards						
1) Pentafluorobenzene	7.795	168	10309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7935	76.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.800%
35) Dibromofluoromethane	7.722	113	5162	48.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.179	98	20585	47.765	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.483	95	6394	44.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	97	1.057	ug/l #	41
5) Bromomethane	2.668	94	172	2.389	ug/l	99
10) Methyl Iodide	4.101	142	351	2.602	ug/l #	57
11) Tert butyl alcohol	4.924	59	239	Below Cal	#	74
20) Methylene Chloride	4.728	84	857	1.302	ug/l #	82
36) 1,1-Dichloropropene	7.783	75	777	4.560	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1093	5.554	ug/l #	14
52) Toluene	10.246	92	2236	7.198	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	3185	40.290	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3185	110.333	ug/l #	13
95) Naphthalene	15.227	128	132	3.311	ug/l #	69

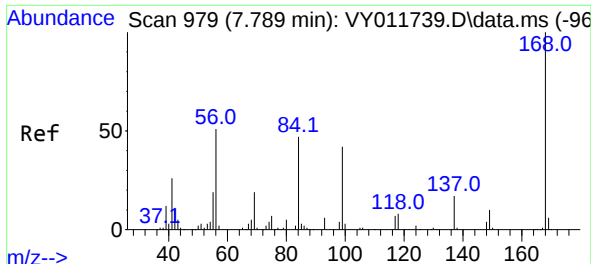
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
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Operator : KP/MD
Sample : N6151-07
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-02-(0-2)

Quant Time: Dec 22 00:15:00 2022
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Response via : Initial Calibration

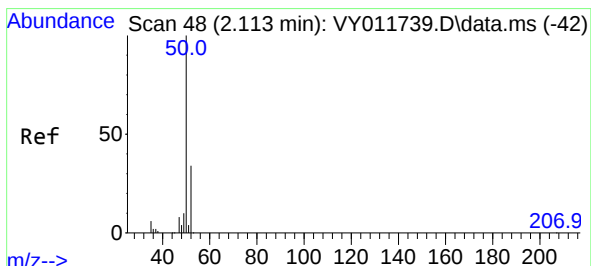
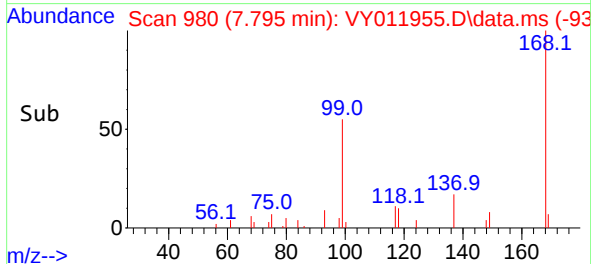
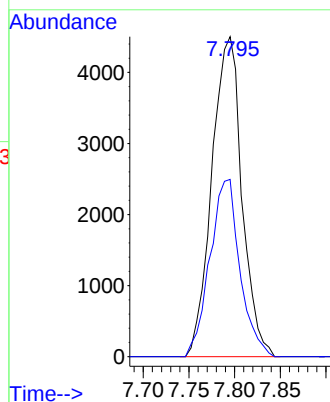
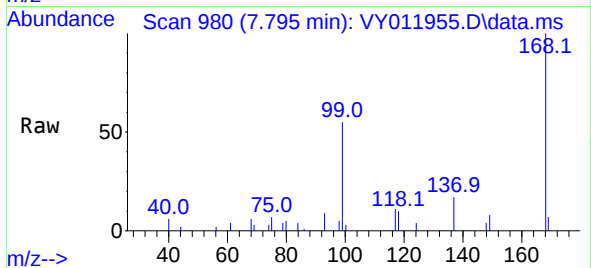




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

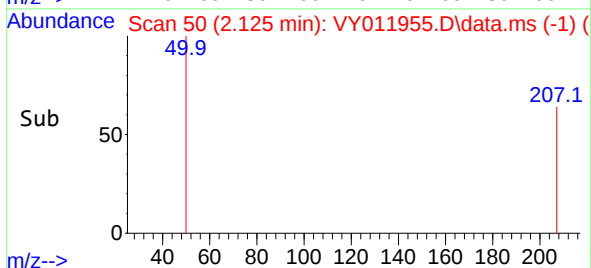
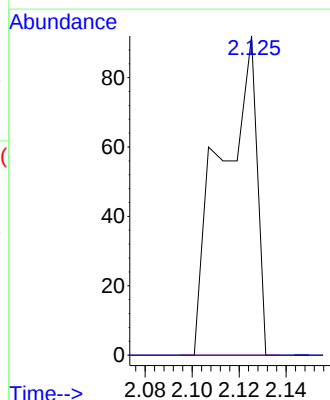
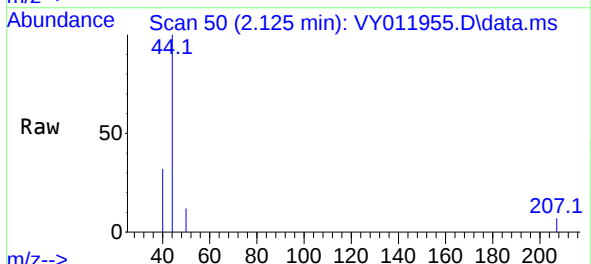
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

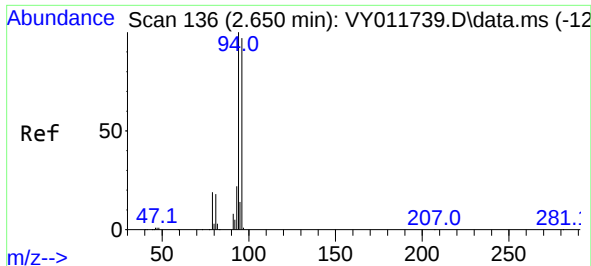
Tgt Ion:168 Resp: 10309
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#3
Chloromethane
Concen: 1.057 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Tgt Ion: 50 Resp: 97
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

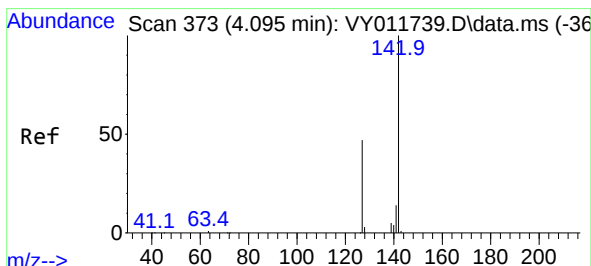
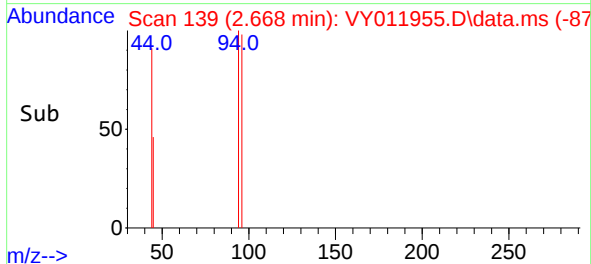
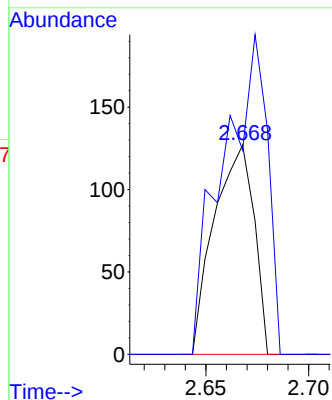
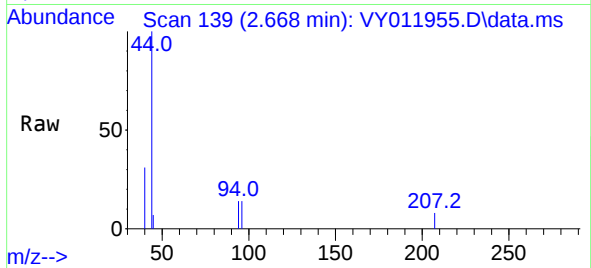




#5
Bromomethane
Concen: 2.389 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

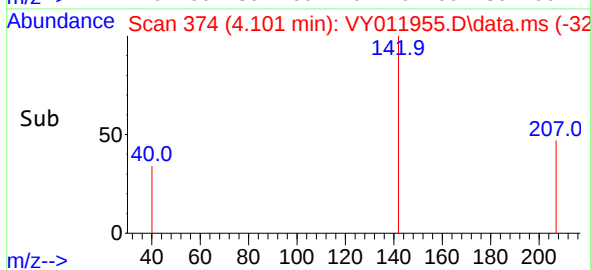
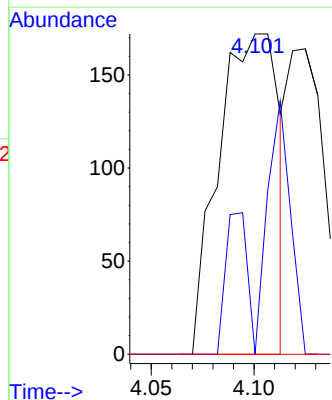
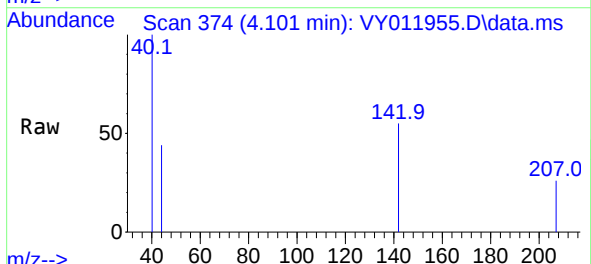
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

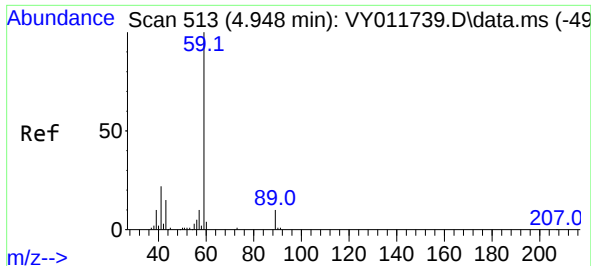
Tgt Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 97.6 77.4 116.2



#10
Methyl Iodide
Concen: 2.602 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Tgt Ion: 142 Resp: 351
Ion Ratio Lower Upper
142 100
127 15.7 37.0 55.4#
141 0.0 11.4 17.0#

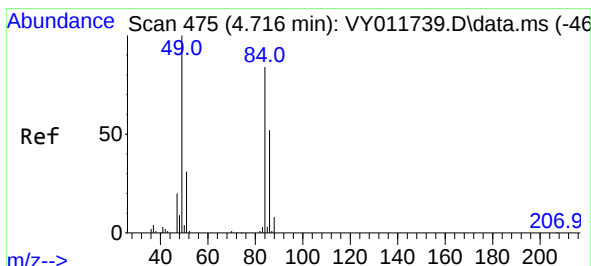
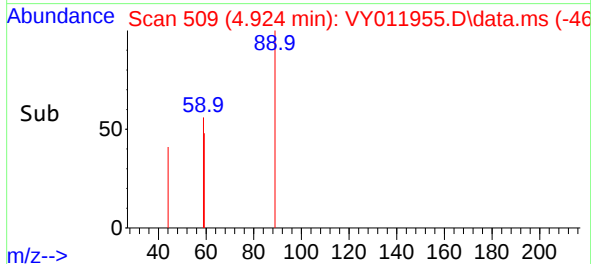
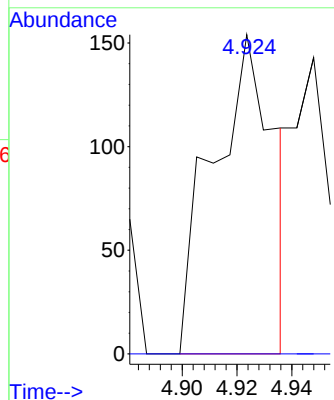
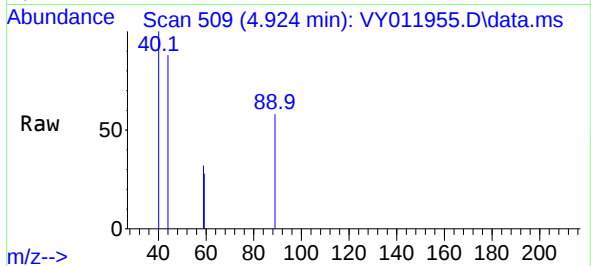




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

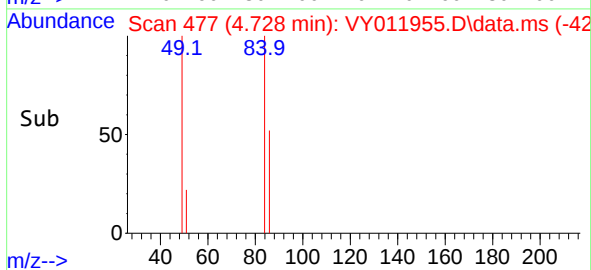
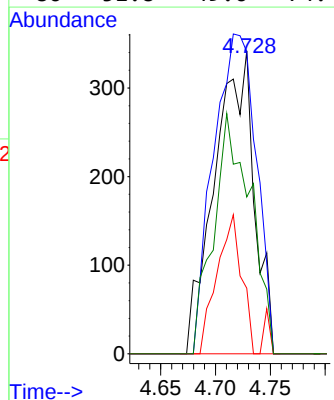
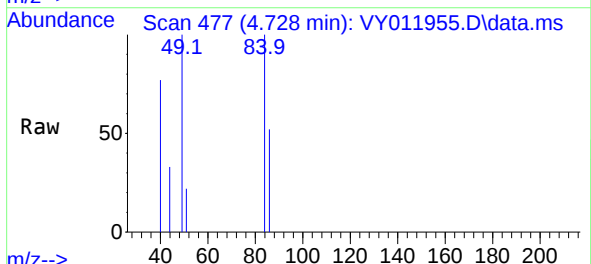
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

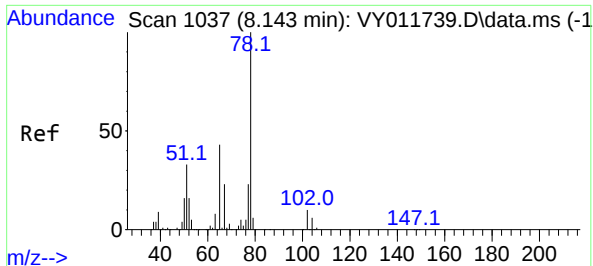
Tgt Ion: 59 Resp: 239
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#20
Methylene Chloride
Concen: 1.302 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Tgt Ion: 84 Resp: 857
Ion Ratio Lower Upper
84 100
49 99.7 95.4 143.2
51 21.6 29.9 44.9#
86 51.8 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 76.400 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011955.D

Acq: 21 Dec 2022 18:31

Instrument :

MSVOA_Y

ClientSampleId :

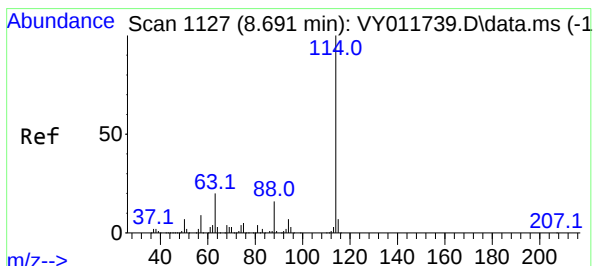
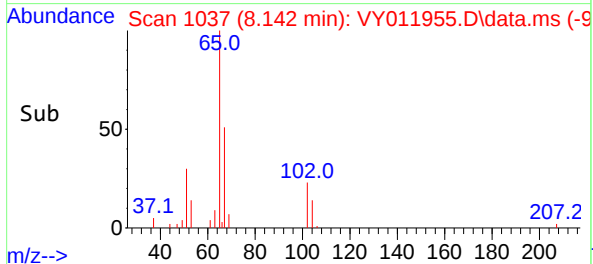
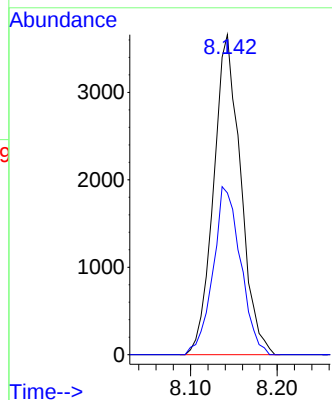
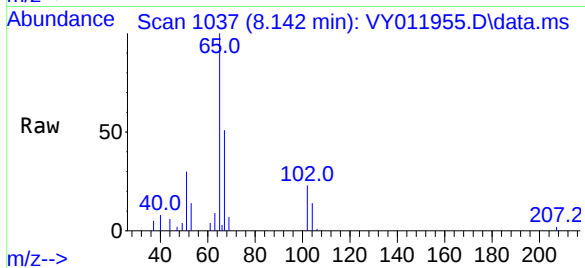
FS-02-(0-2)

Tgt Ion: 65 Resp: 7935

Ion Ratio Lower Upper

65 100

67 53.5 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: VY011955.D

Acq: 21 Dec 2022 18:31

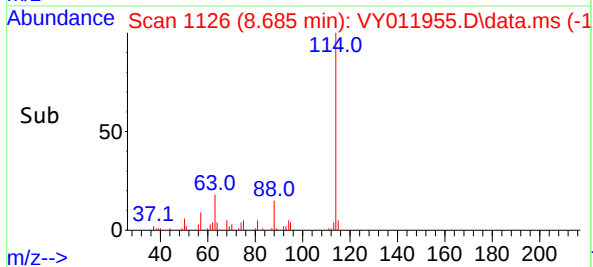
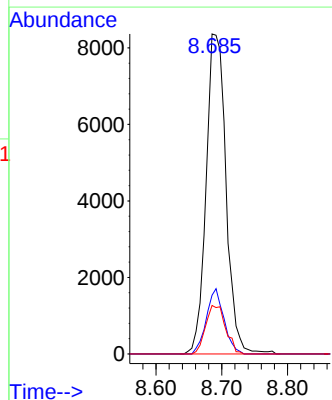
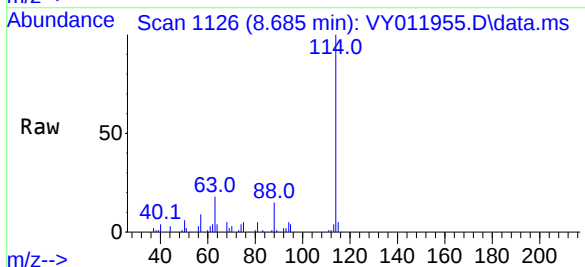
Tgt Ion: 114 Resp: 17644

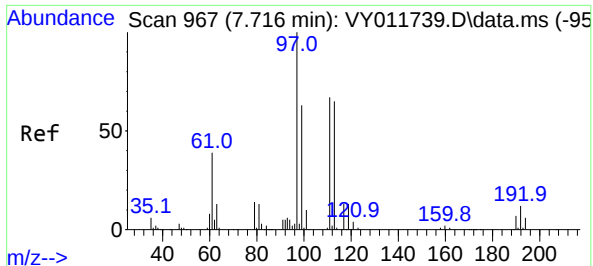
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.596 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011955.D

Acq: 21 Dec 2022 18:31

Instrument :

MSVOA_Y

ClientSampleId :

FS-02-(0-2)

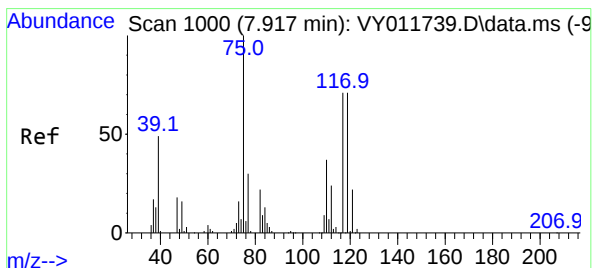
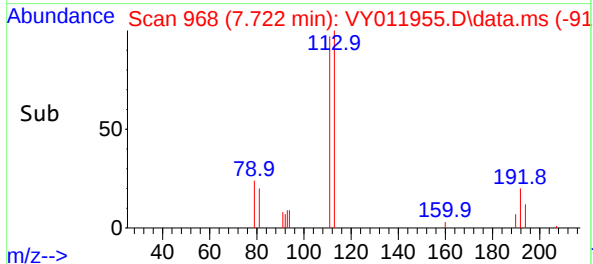
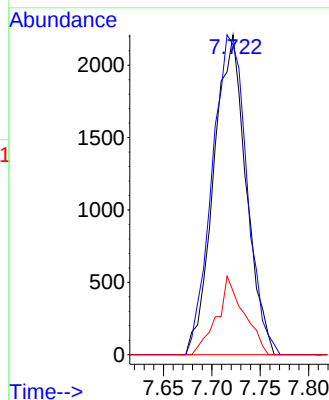
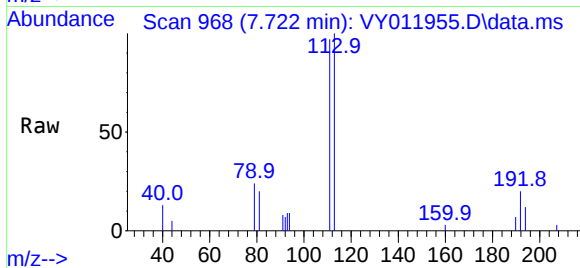
Tgt Ion:113 Resp: 5162

Ion Ratio Lower Upper

113 100

111 107.1 83.0 124.4

192 20.5 16.0 24.0



#36

1,1-Dichloropropene

Concen: 4.560 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY011955.D

Acq: 21 Dec 2022 18:31

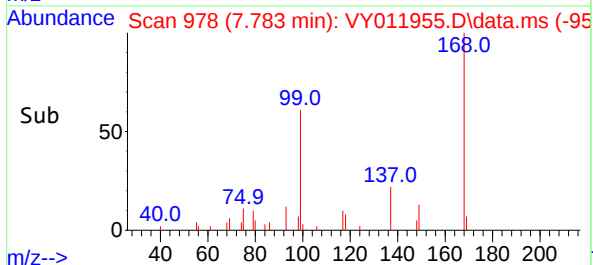
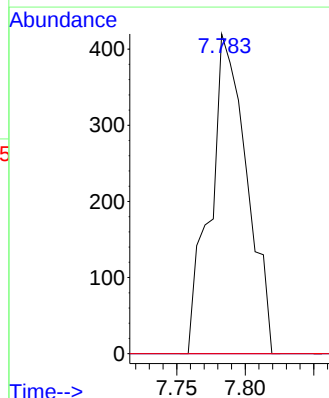
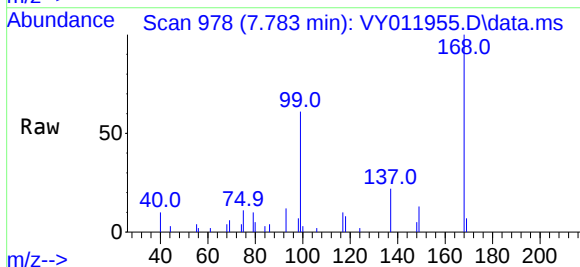
Tgt Ion: 75 Resp: 777

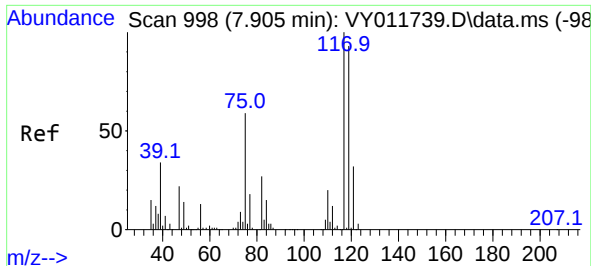
Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

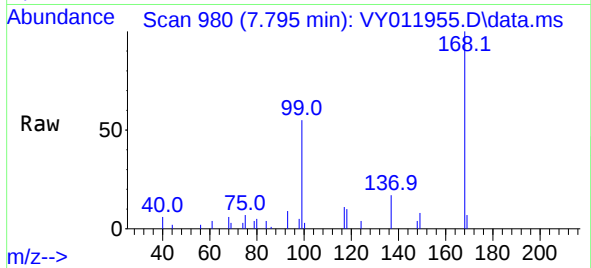
77 0.0 25.1 37.7#



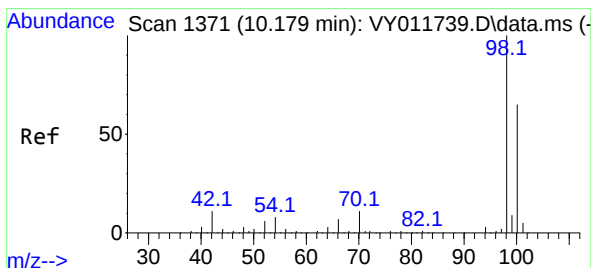
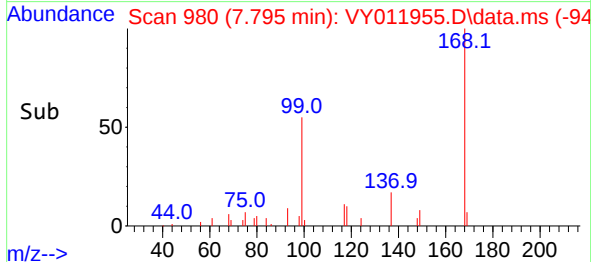
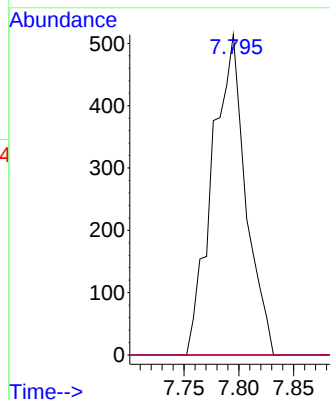


#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

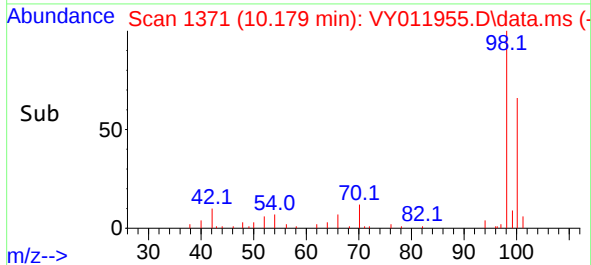
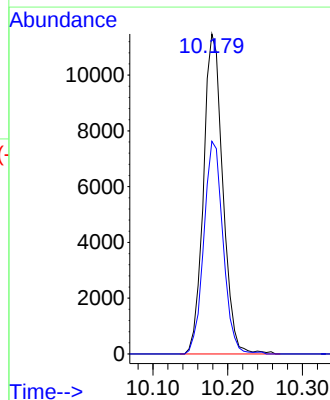
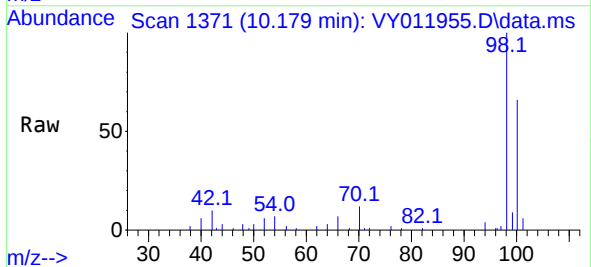


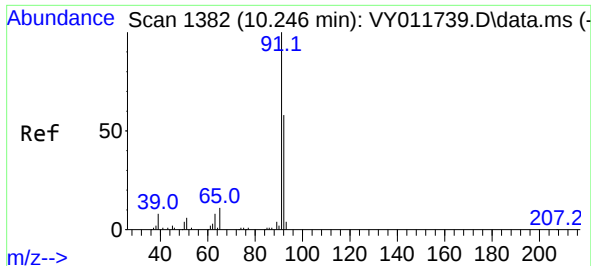
Tgt Ion:117 Resp: 1093
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 47.765 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Tgt Ion: 98 Resp: 20585
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

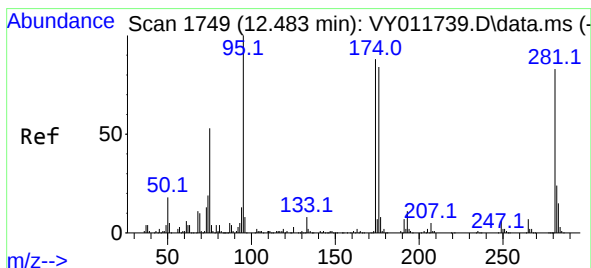
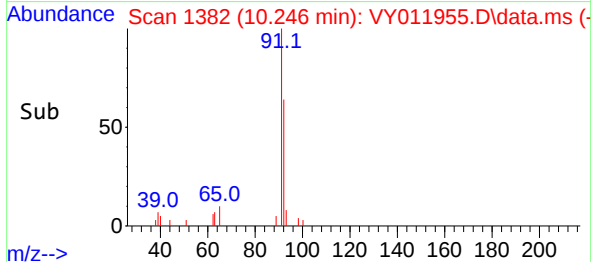
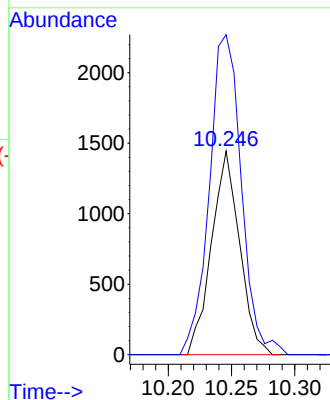
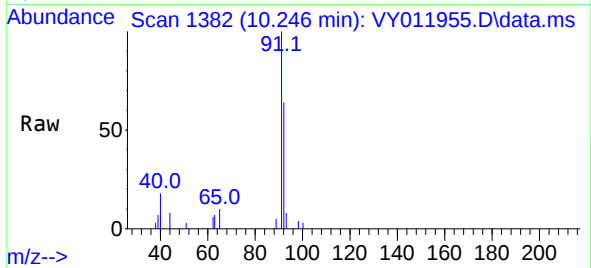




#52
Toluene
Concen: 7.198 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

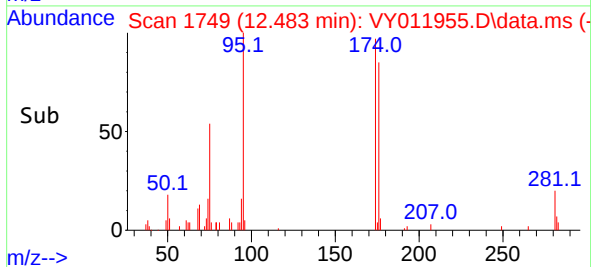
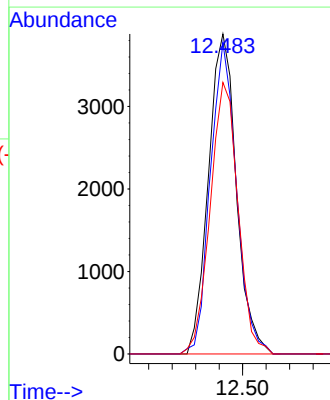
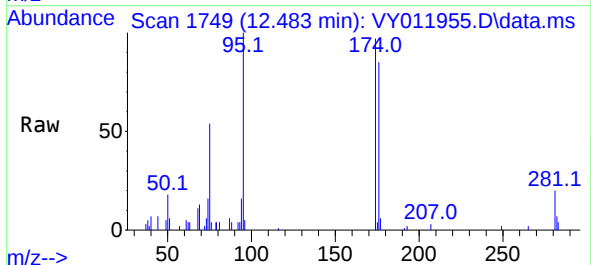
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

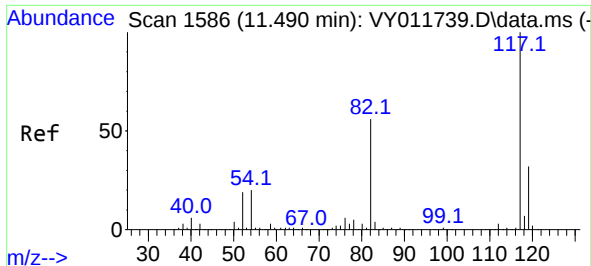
Tgt Ion: 92 Resp: 2236
Ion Ratio Lower Upper
92 100
91 178.7 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 44.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Tgt Ion: 95 Resp: 6394
Ion Ratio Lower Upper
95 100
174 91.3 0.0 172.0
176 84.4 0.0 167.6

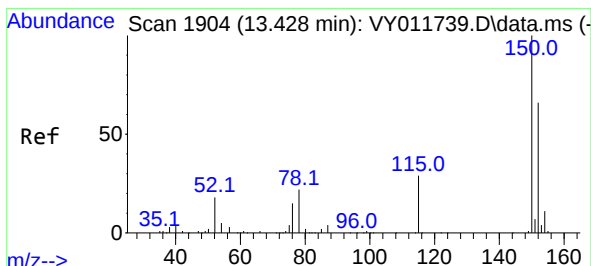
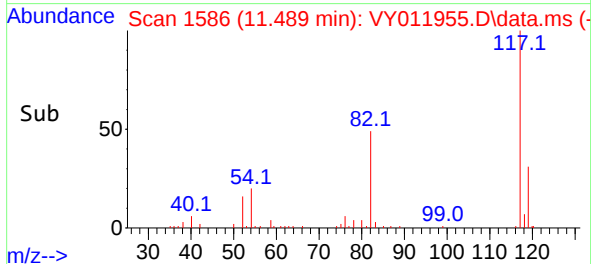
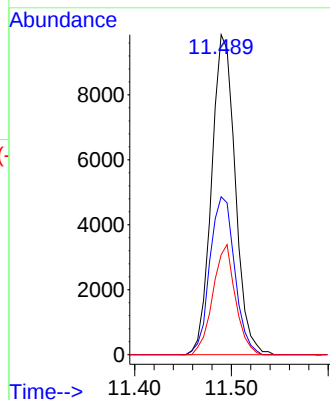
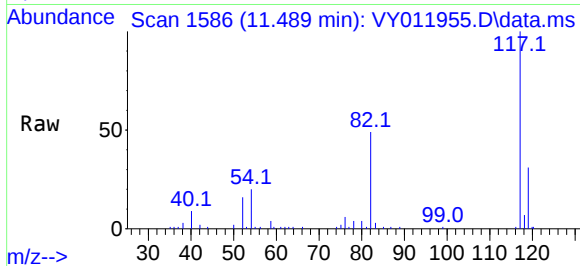




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

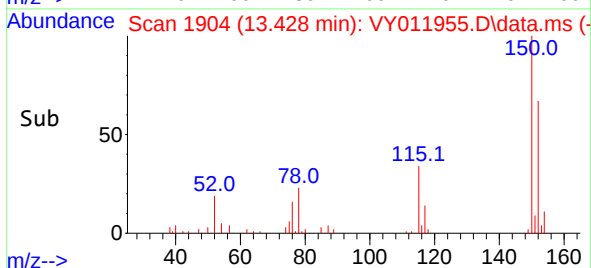
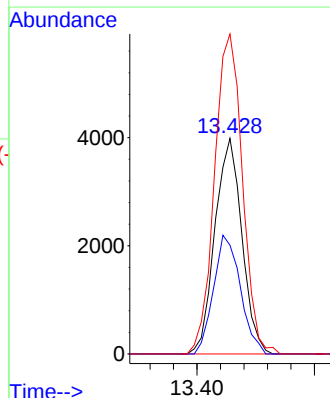
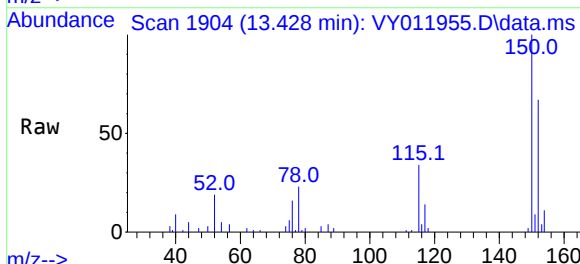
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

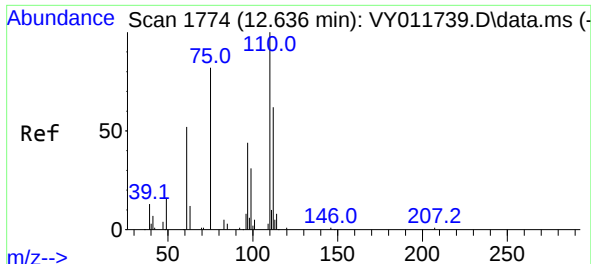
Tgt Ion:	117	Resp:	16734
Ion	Ratio	Lower	Upper
117	100		
82	49.4	44.8	67.2
119	31.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Tgt Ion:	152	Resp:	6353
Ion	Ratio	Lower	Upper
152	100		
115	54.8	29.1	87.3
150	153.5	0.0	342.6

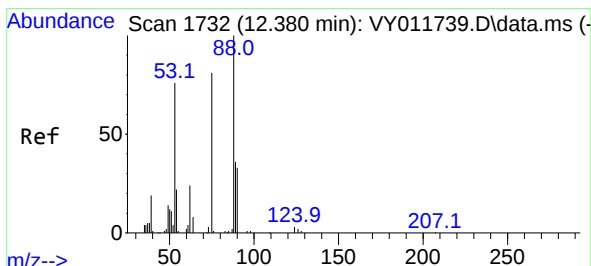
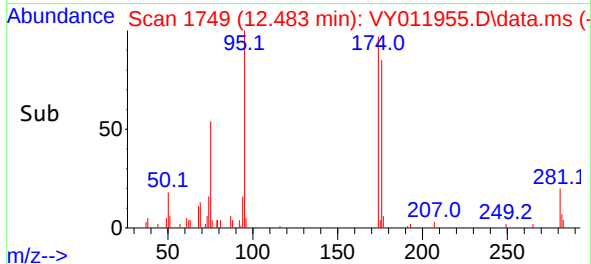
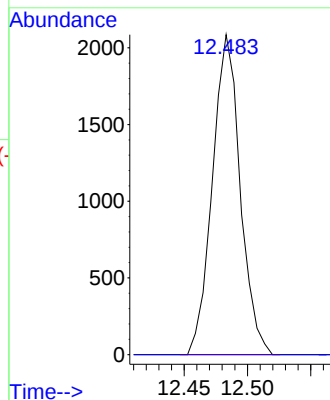
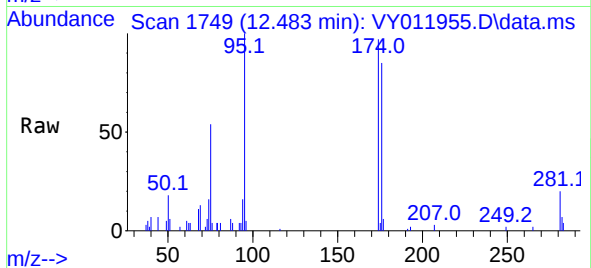




#76
1,2,3-Trichloropropane
Concen: 40.290 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

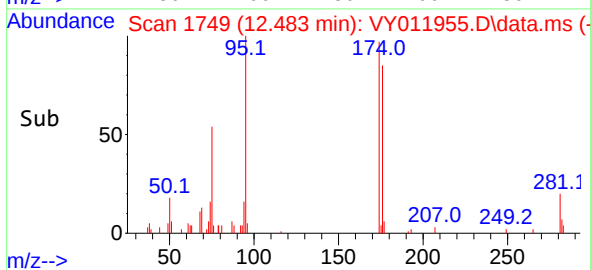
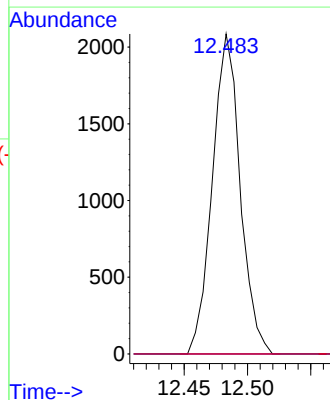
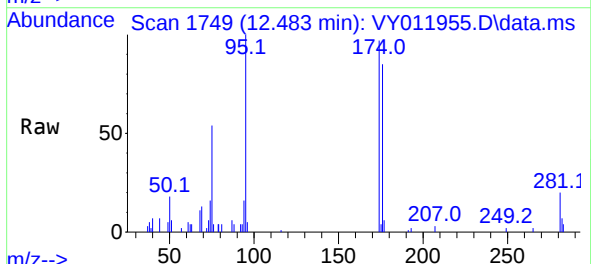
Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)

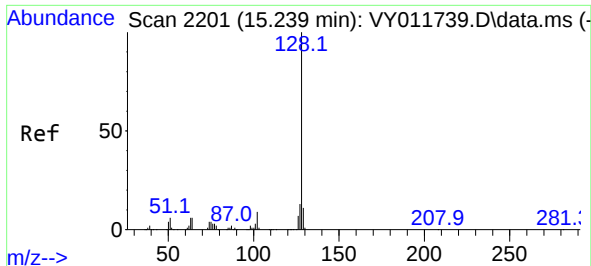
Tgt Ion: 75 Resp: 3185
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 110.333 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

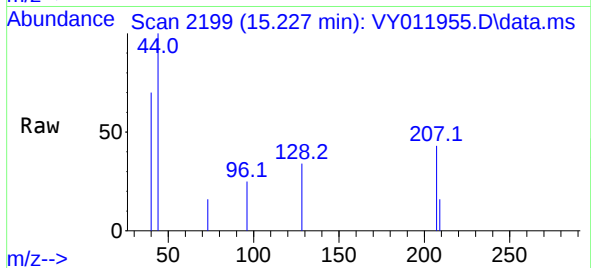
Tgt Ion: 75 Resp: 3185
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.311 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY011955.D
Acq: 21 Dec 2022 18:31

Instrument :
MSVOA_Y
ClientSampleId :
FS-02-(0-2)



Tgt Ion:	128	Resp:	132
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#

