

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013350.D
 Acq On : 19 Apr 2023 17:05
 Operator : KP/MD
 Sample : 02371-11
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 06:56:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

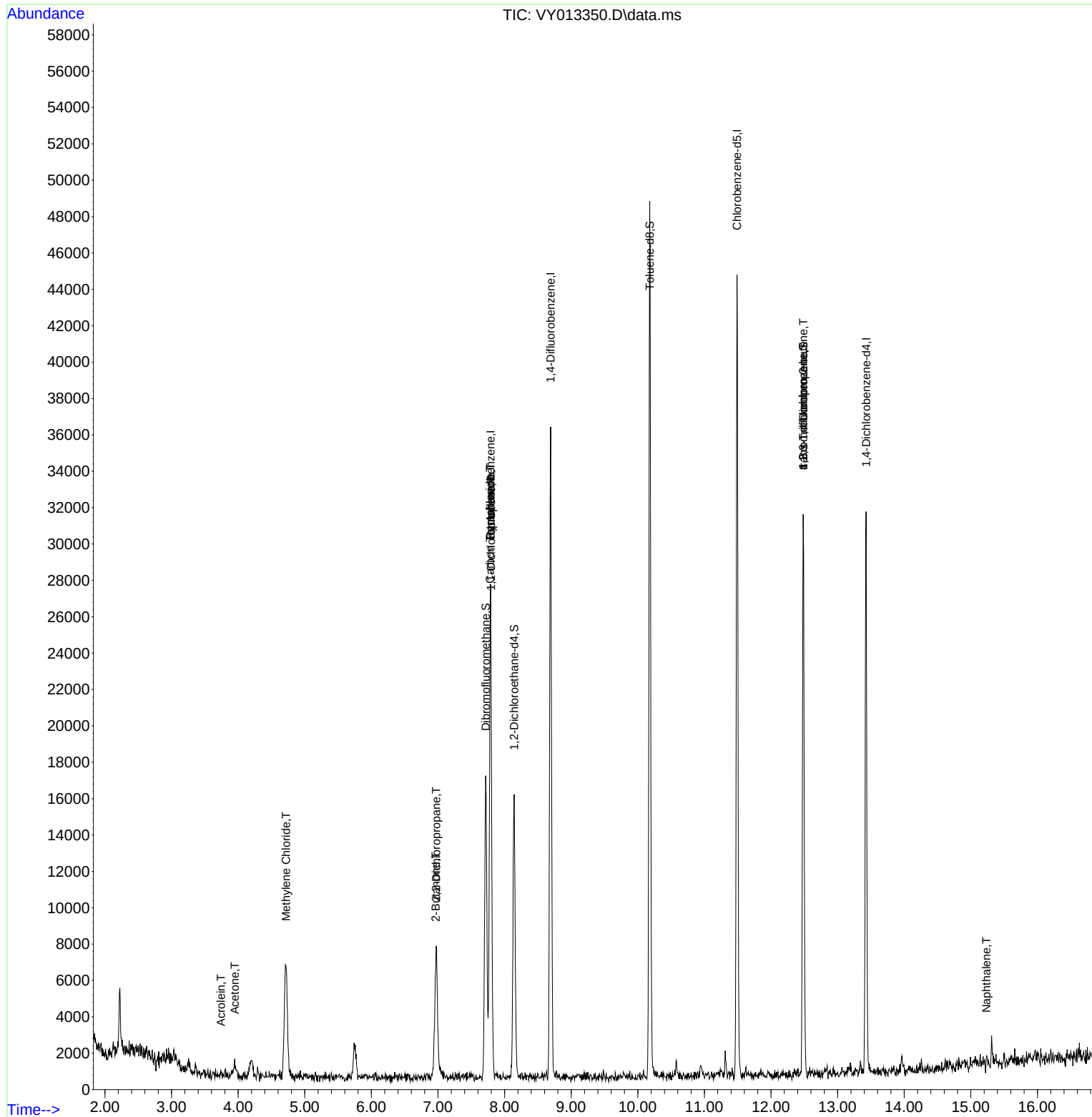
Internal Standards						
1) Pentafluorobenzene	7.789	168	21192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	28587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	24302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12252	48.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.220%
35) Dibromofluoromethane	7.716	113	11835	63.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.900%
50) Toluene-d8	10.179	98	32431	47.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.483	95	8517	38.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	41	Below Cal	#	74
13) Acrolein	3.741	56	58	1.854	ug/l	96
16) Acetone	3.948	43	1326	15.143	ug/l	97
20) Methylene Chloride	4.716	84	4699	17.543	ug/l	90
25) 2-Butanone	6.966	43	255	2.274	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	618	1.643	ug/l #	52
31) Cyclohexane	7.789	56	510	1.324	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	1562	5.571	ug/l #	41
38) Carbon Tetrachloride	7.783	117	2183	7.042	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	4447	45.567	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4447	94.574	ug/l #	13
95) Naphthalene	15.233	128	72	3.400	ug/l #	69

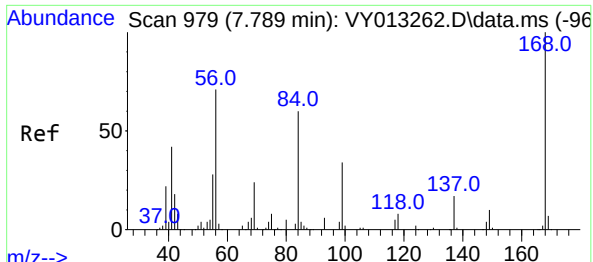
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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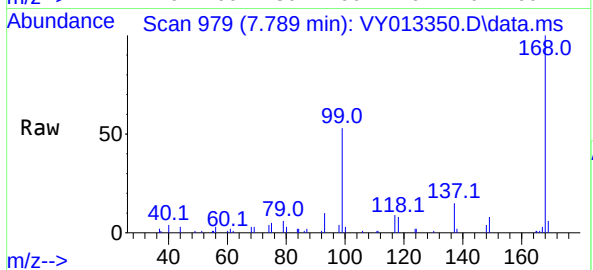
Quant Time: Apr 20 06:56:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



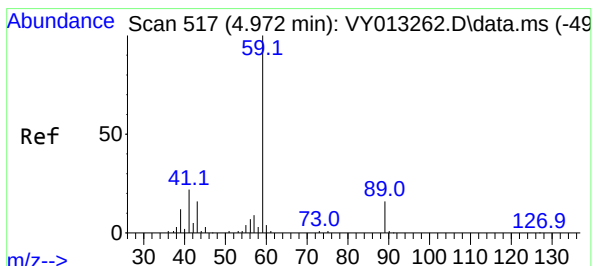
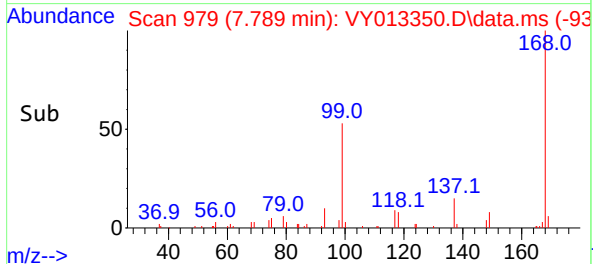
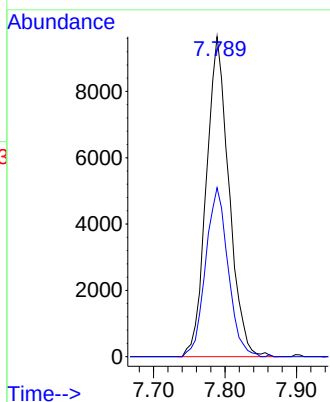


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :

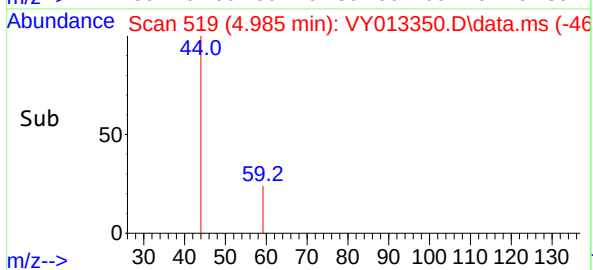
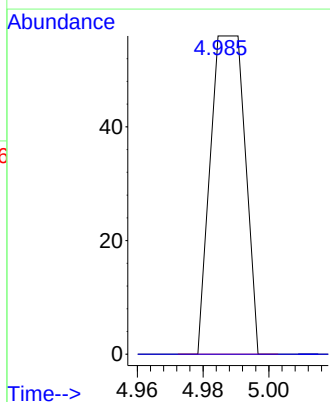
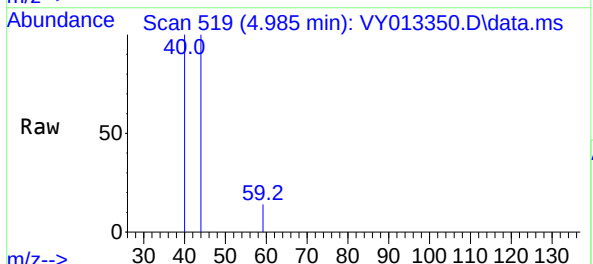


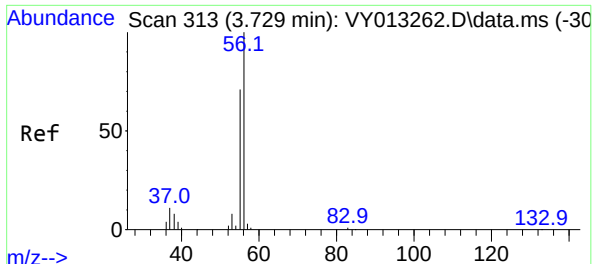
Tgt Ion:168 Resp: 21192
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.013 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

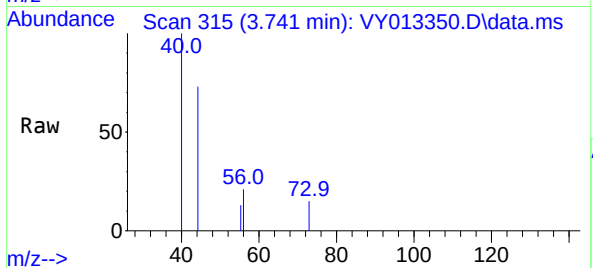
Tgt Ion: 59 Resp: 41
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



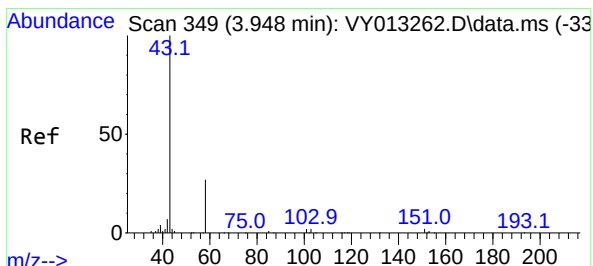
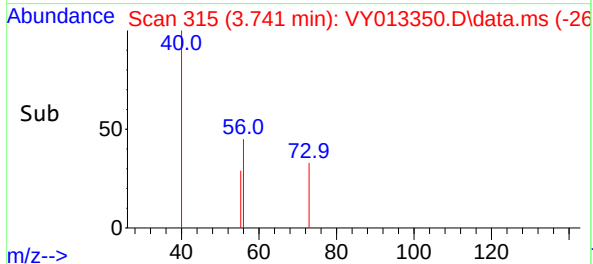
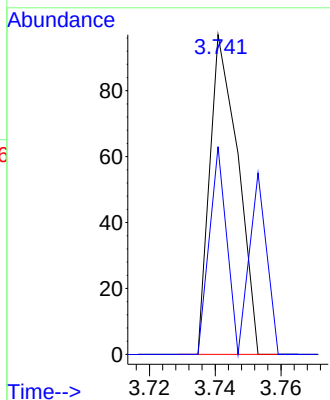


#13
Acrolein
Concen: 1.854 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :

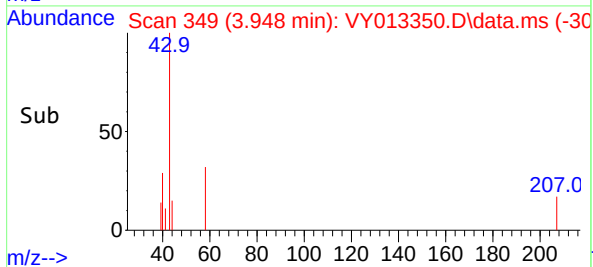
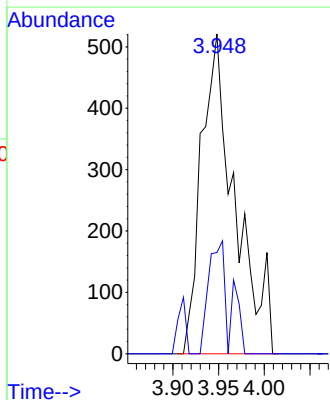
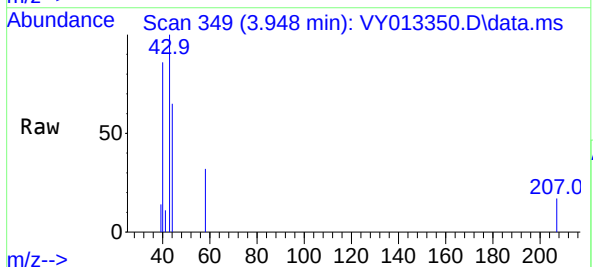


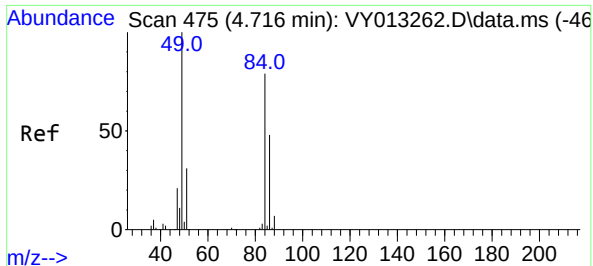
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 74.1 56.8 85.2



#16
Acetone
Concen: 15.143 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

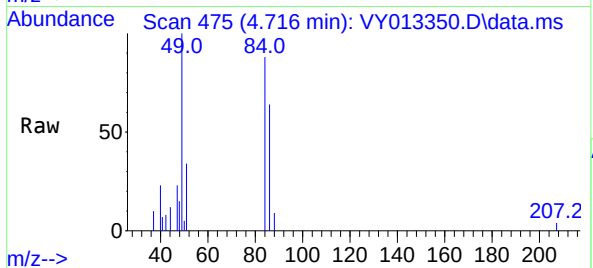
Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.2





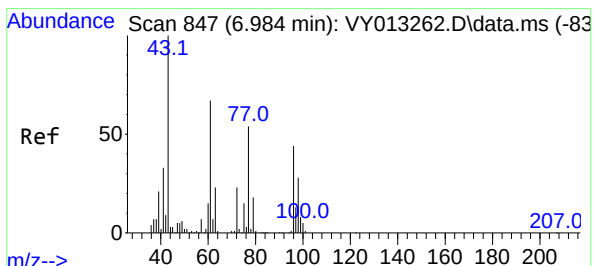
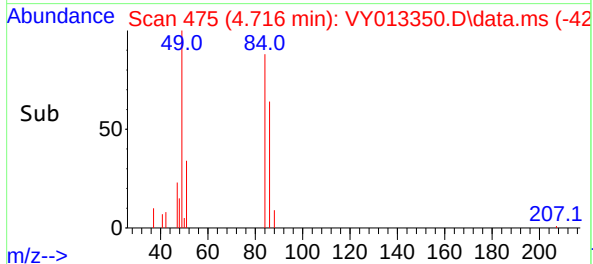
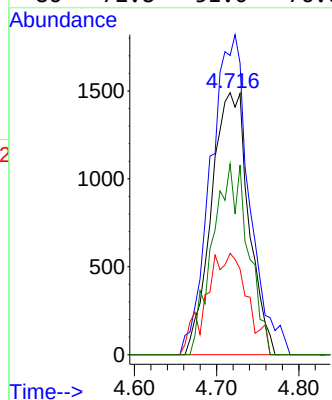
#20
Methylene Chloride
Concen: 17.543 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 4699

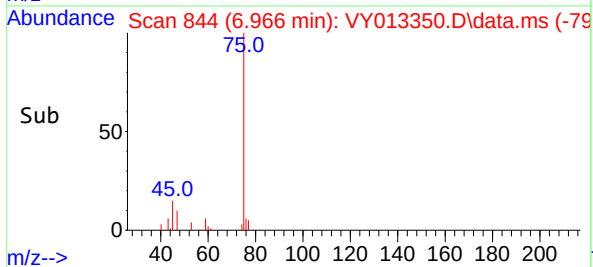
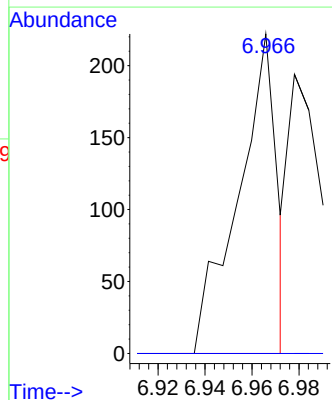
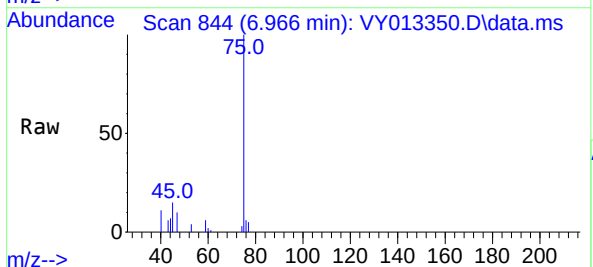
Ion	Ratio	Lower	Upper
84	100		
49	114.2	102.6	154.0
51	38.7	31.9	47.9
86	72.8	51.0	76.6

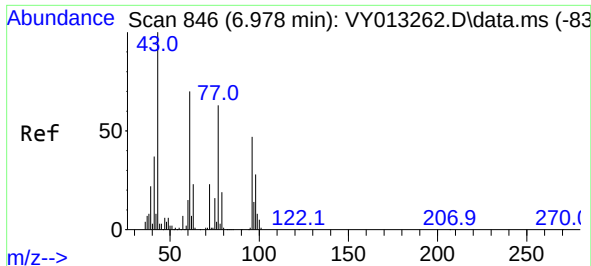


#25
2-Butanone
Concen: 2.274 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Tgt Ion: 43 Resp: 255

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#





#26

2,2-Dichloropropane

Concen: 1.643 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013350.D

Acq: 19 Apr 2023 17:05

Instrument :

MSVOA_Y

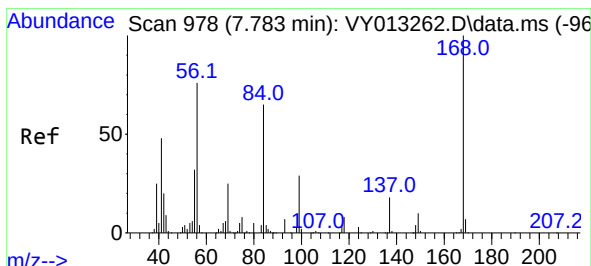
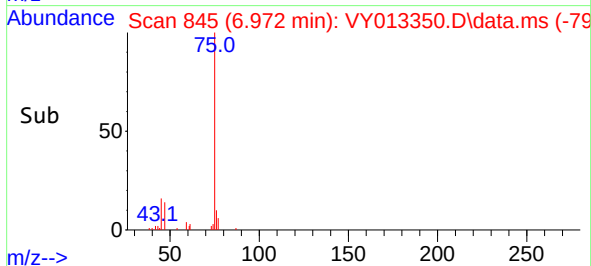
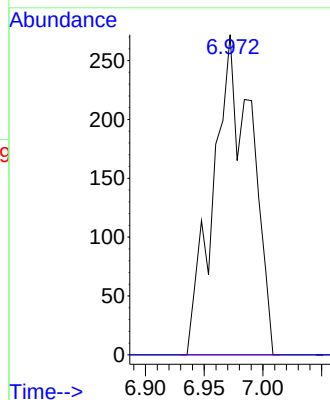
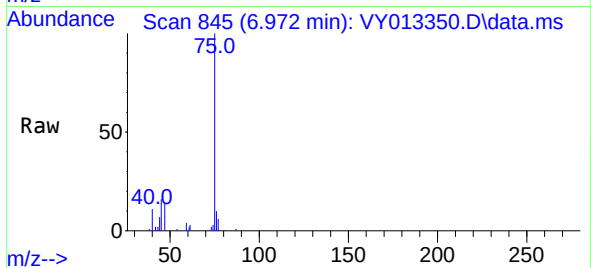
ClientSampleId :

Tgt Ion: 77 Resp: 618

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.324 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY013350.D

Acq: 19 Apr 2023 17:05

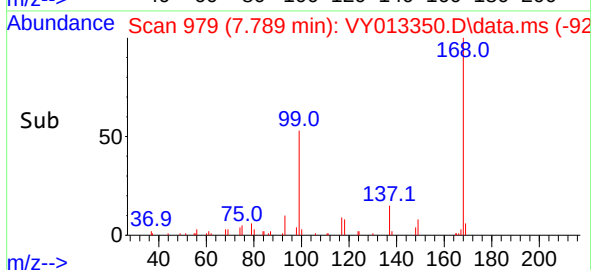
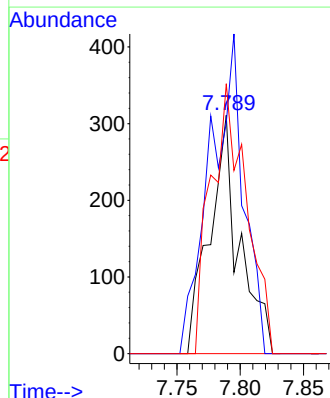
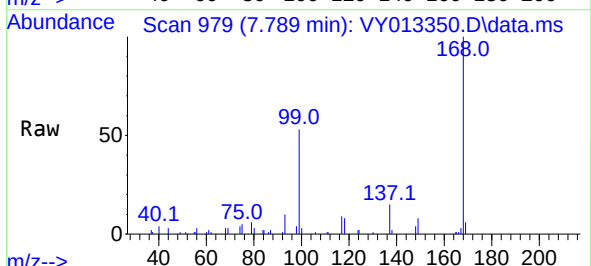
Tgt Ion: 56 Resp: 510

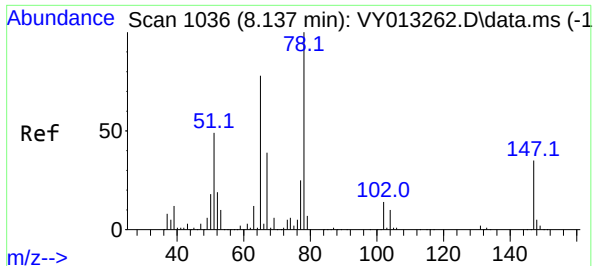
Ion Ratio Lower Upper

56 100

69 96.8 25.7 38.5#

84 113.2 64.3 96.5#

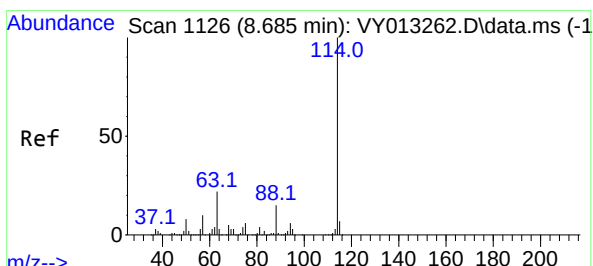
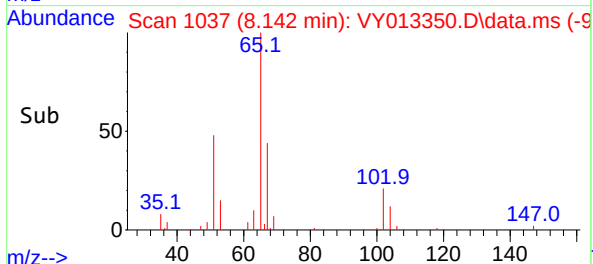
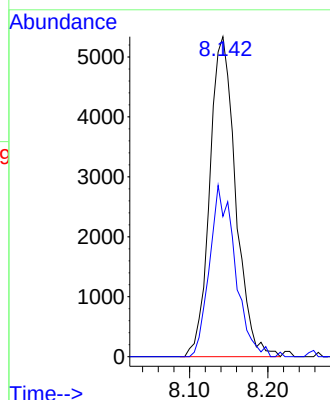
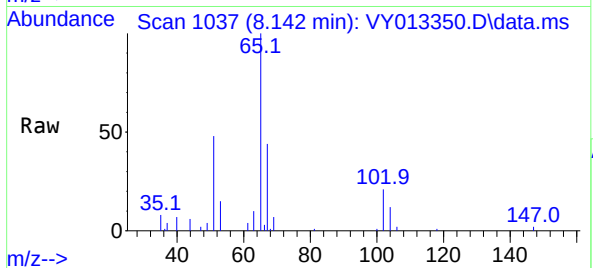




#33
1,2-Dichloroethane-d4
Concen: 48.108 ug/l
RT: 8.142 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

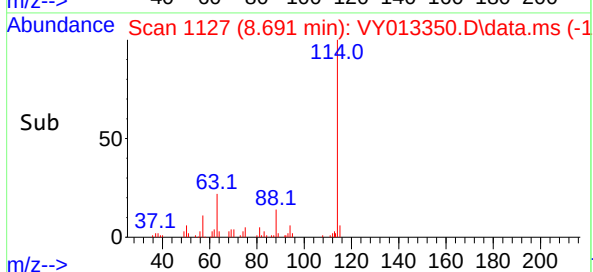
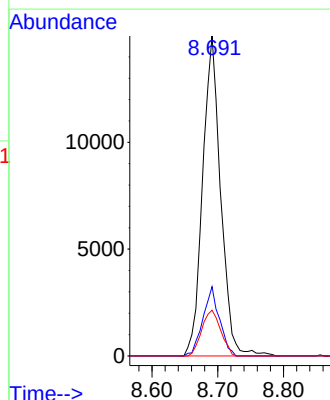
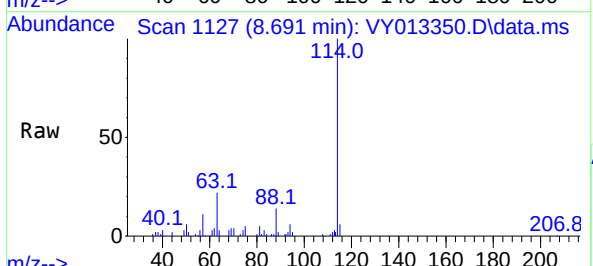
Instrument :
MSVOA_Y
ClientSampleId :

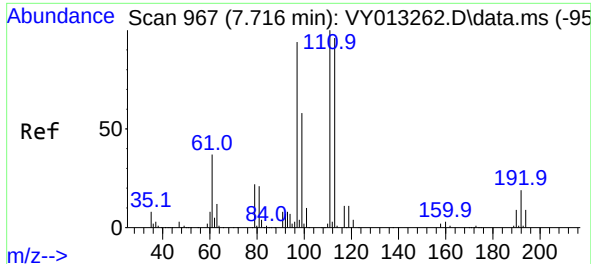
Tgt Ion: 65 Resp: 12252
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Tgt Ion: 114 Resp: 28587
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.4
88 14.3 0.0 28.6





#35

Dibromofluoromethane

Concen: 63.949 ug/l

RT: 7.716 min Scan# 90

Delta R.T. -0.000 min

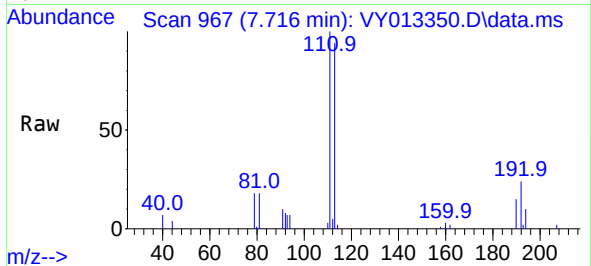
Lab File: VY013350.D

Acq: 19 Apr 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :



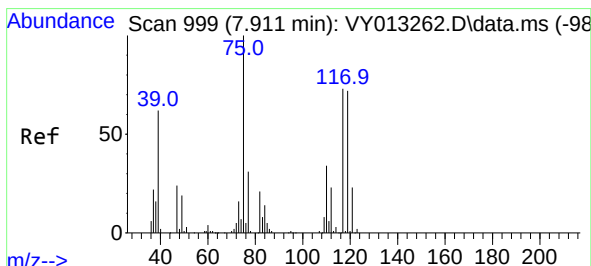
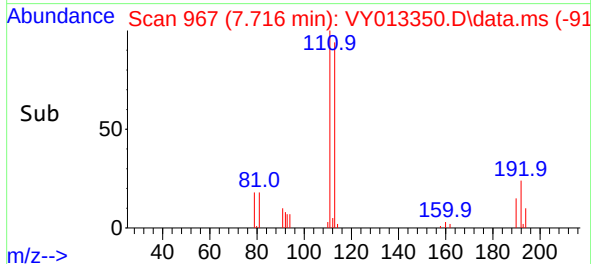
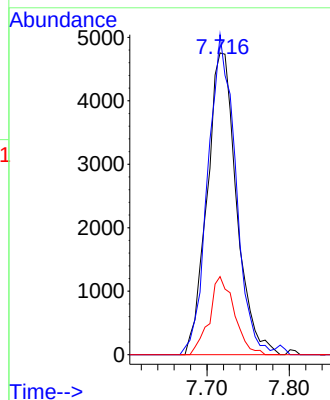
Tgt Ion:113 Resp: 11835

Ion Ratio Lower Upper

113 100

111 99.7 82.2 123.2

192 22.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.571 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY013350.D

Acq: 19 Apr 2023 17:05

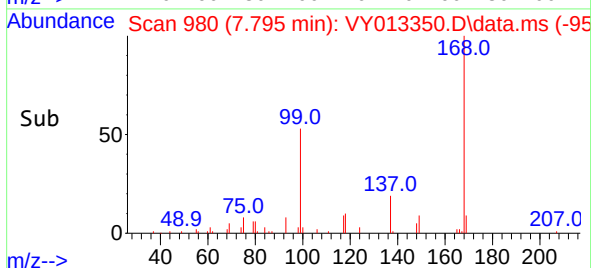
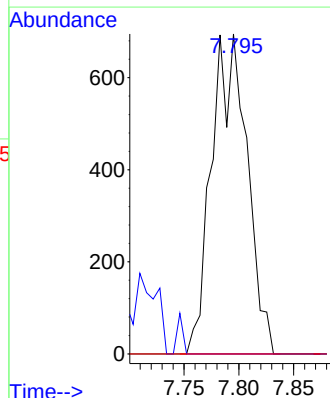
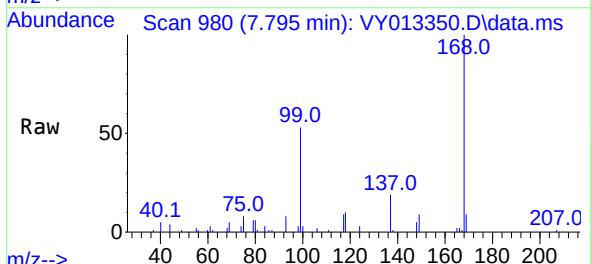
Tgt Ion: 75 Resp: 1562

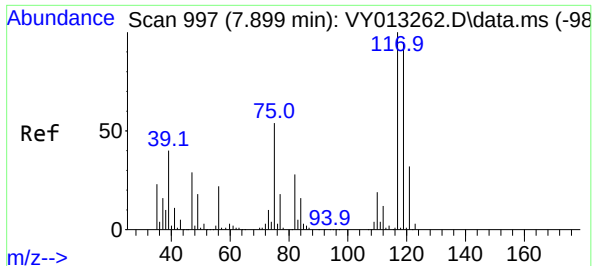
Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.3#

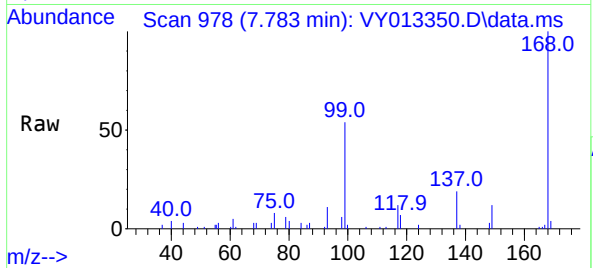
77 0.0 25.0 37.4#



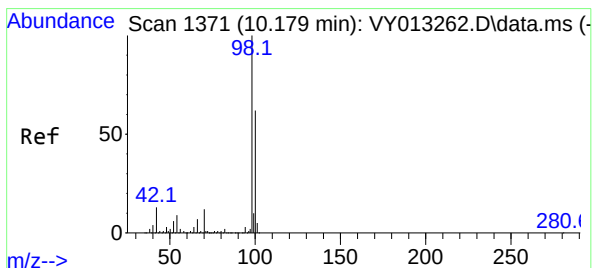
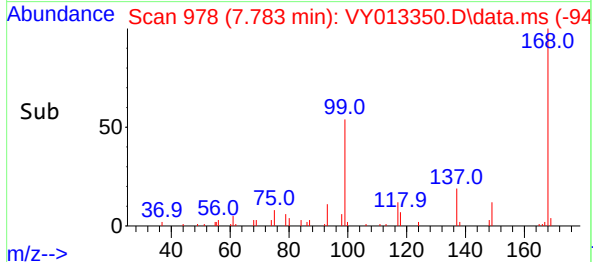
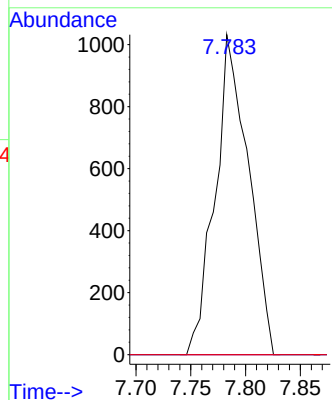


#38
Carbon Tetrachloride
Concen: 7.042 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :

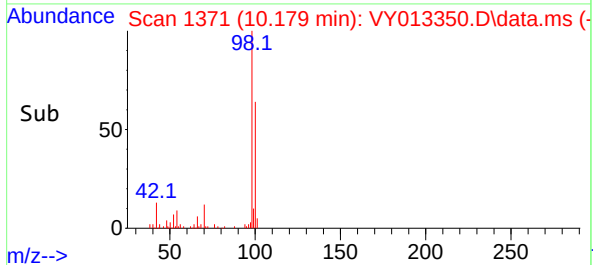
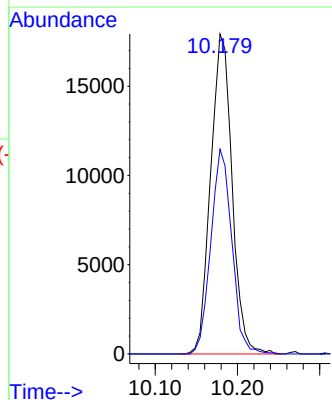
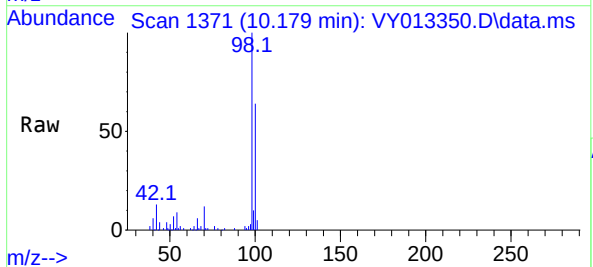


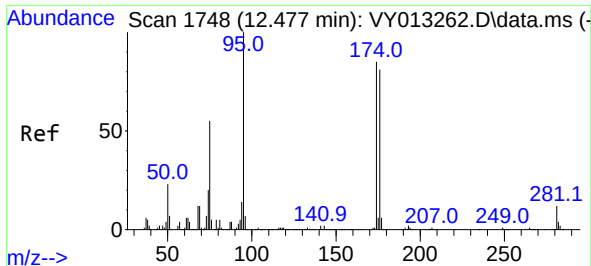
Tgt Ion:117 Resp: 2183
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.079 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

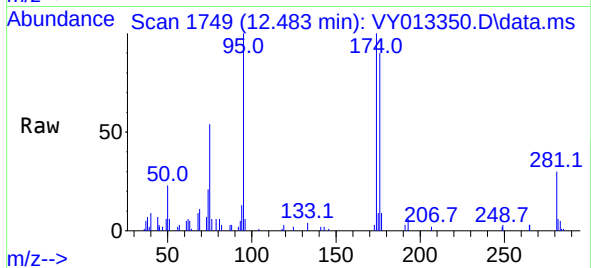
Tgt Ion: 98 Resp: 32431
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



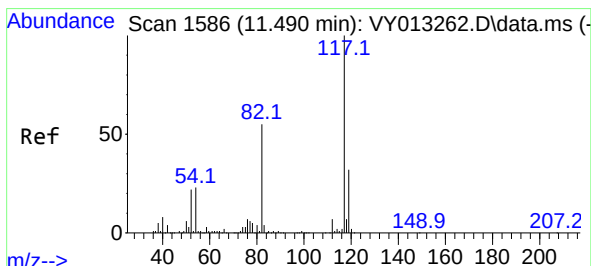
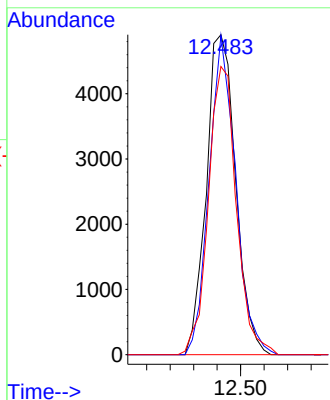
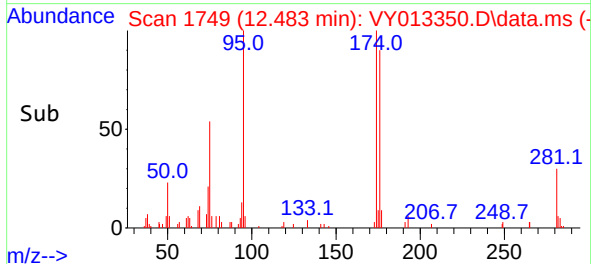


#62
4-Bromofluorobenzene
Concen: 38.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :

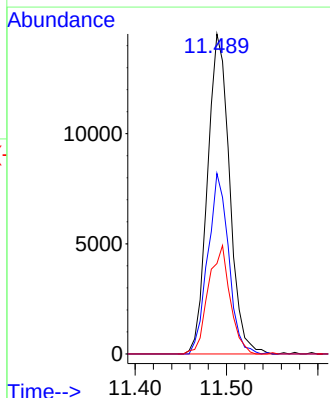
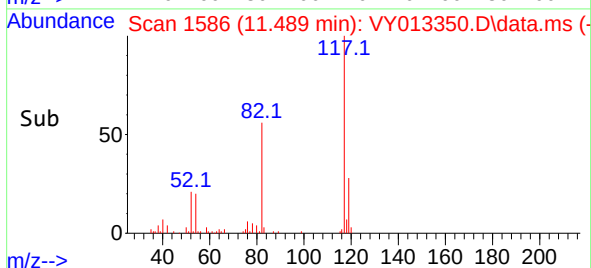
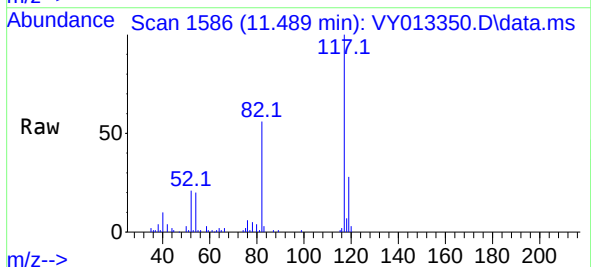


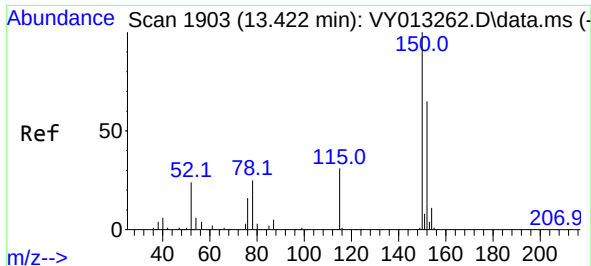
Tgt Ion: 95 Resp: 8517
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.6
176 86.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

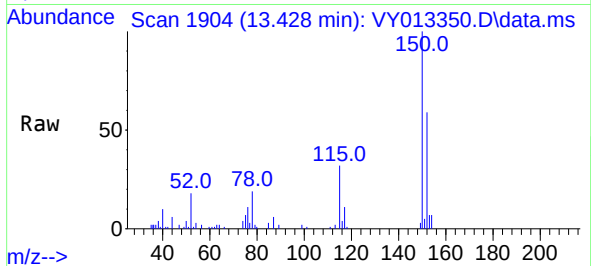
Tgt Ion: 117 Resp: 24302
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.0
119 28.3 25.6 38.4



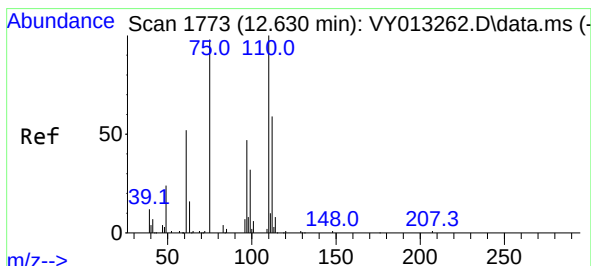
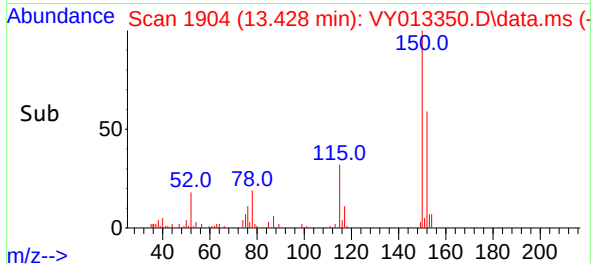
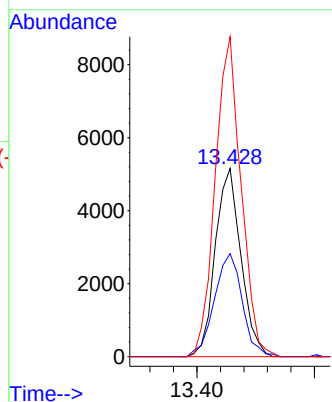


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013350.D
 Acq: 19 Apr 2023 17:05

Instrument :
 MSVOA_Y
 ClientSampleId :

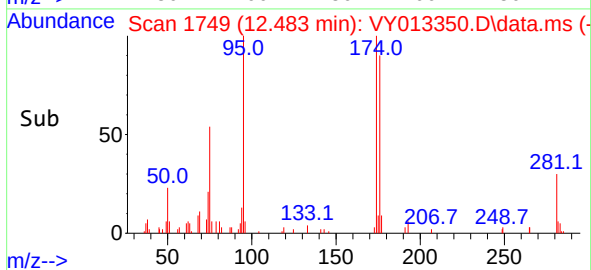
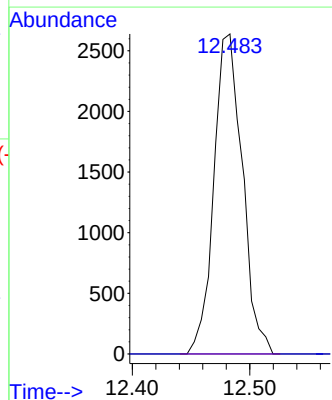
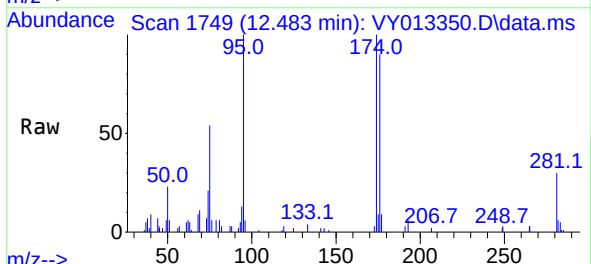


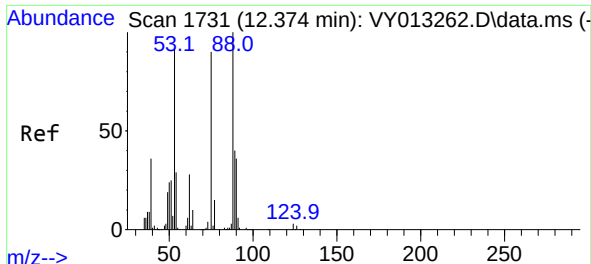
Tgt Ion:152 Resp: 7832
 Ion Ratio Lower Upper
 152 100
 115 59.5 27.1 81.3
 150 170.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 45.567 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013350.D
 Acq: 19 Apr 2023 17:05

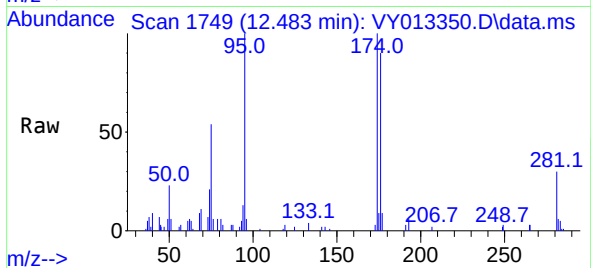
Tgt Ion: 75 Resp: 4447
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



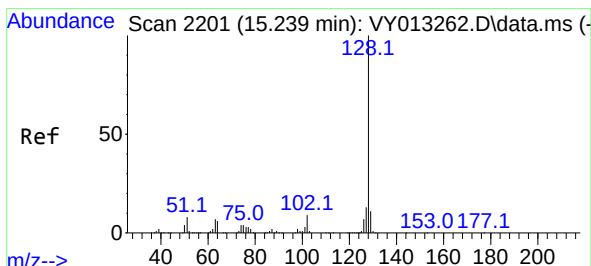
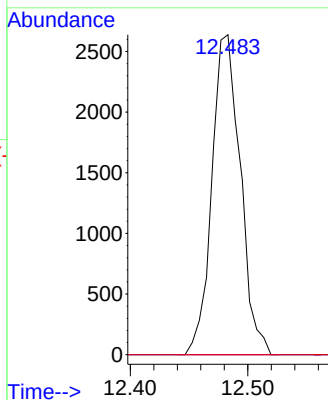
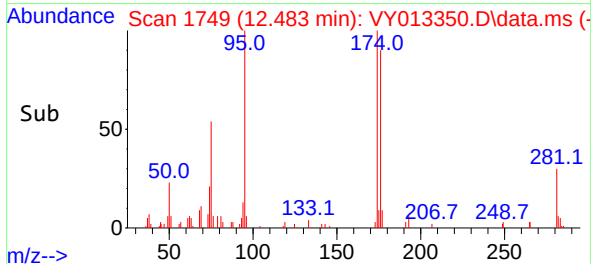


#81
trans-1,4-Dichloro-2-butene
Concen: 94.574 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 4447
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.400 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Tgt Ion: 128 Resp: 72
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

