

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013338.D
 Acq On : 19 Apr 2023 11:45
 Operator : KP/MD
 Sample : VY0419SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 06:54:49 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)

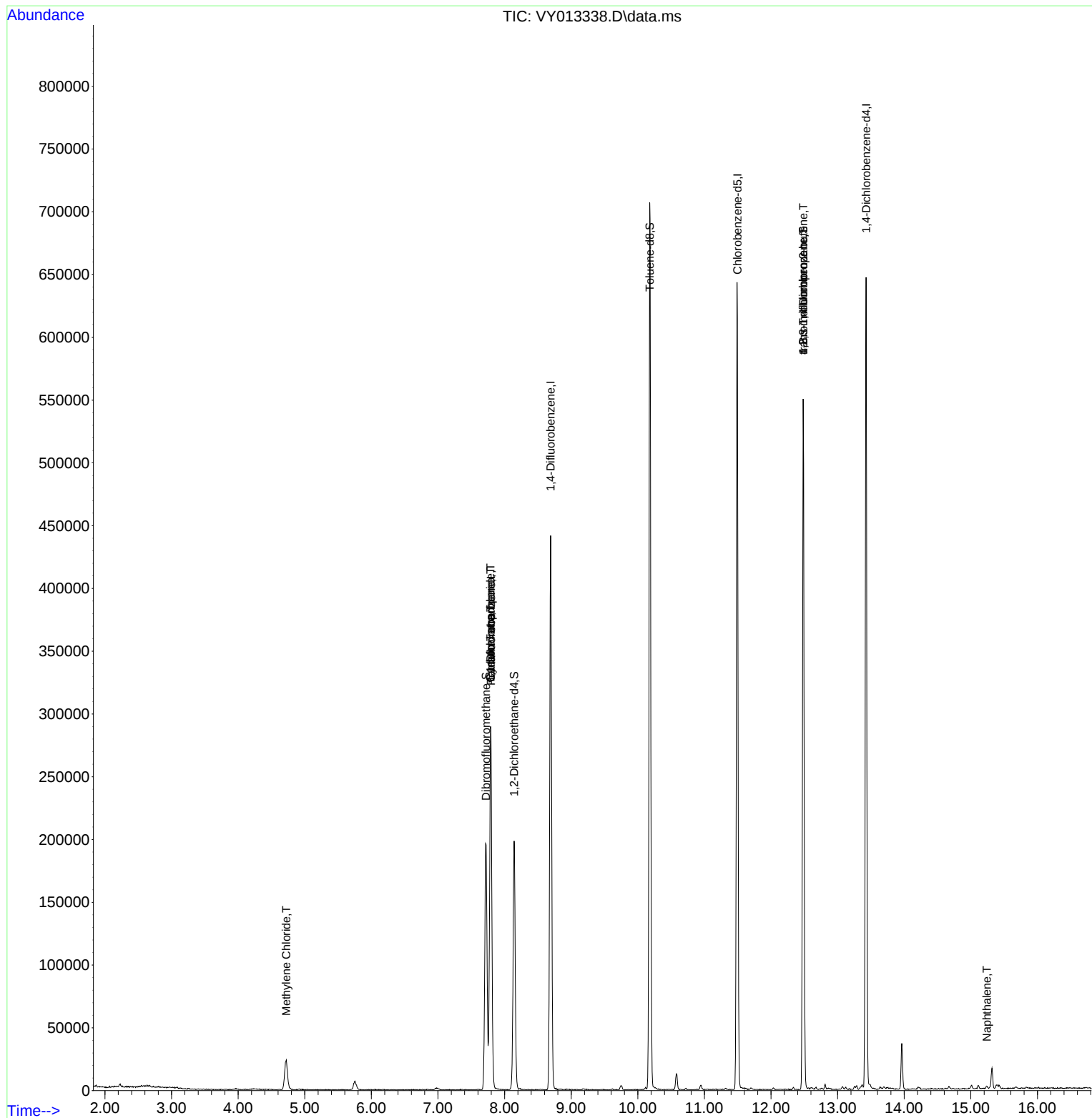
Internal Standards						
1) Pentafluorobenzene	7.795	168	230201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	346165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150426	54.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.740%	
35) Dibromofluoromethane	7.722	113	140923	58.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.060%	
50) Toluene-d8	10.179	98	464406	51.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.483	95	148310	50.495	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	59	Below Cal	#	74
20) Methylene Chloride	4.722	84	17126	2.782	ug/l	97
31) Cyclohexane	7.789	56	5409	1.293	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16418	4.462	ug/l #	51
38) Carbon Tetrachloride	7.789	117	22107	5.434	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	76384	36.789	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76384	76.354	ug/l #	13
95) Naphthalene	15.239	128	1866	3.443	ug/l #	89

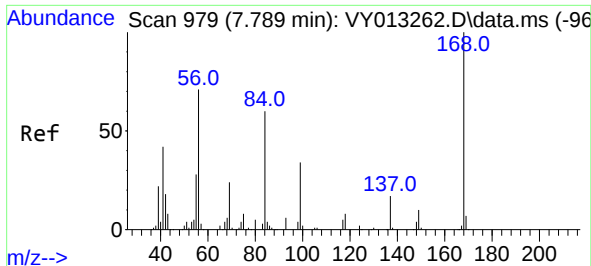
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
Data File : VY013338.D
Acq On : 19 Apr 2023 11:45
Operator : KP/MD
Sample : VY0419SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 20 06:54:49 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

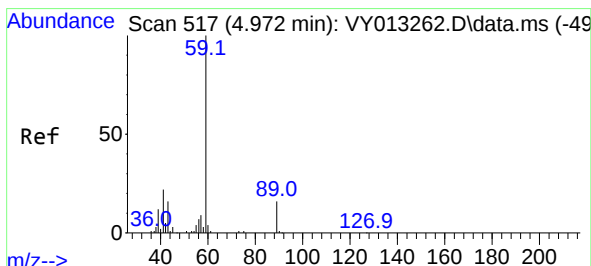
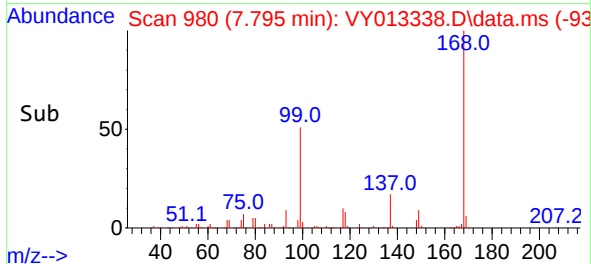
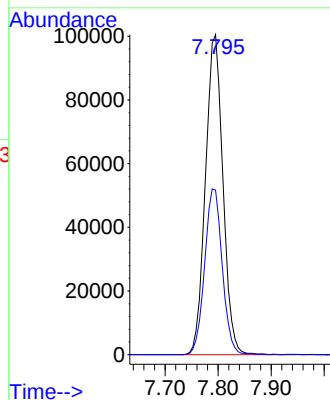
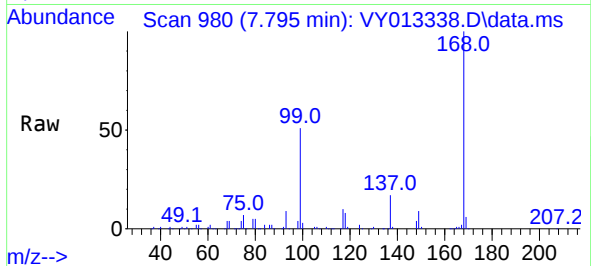




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

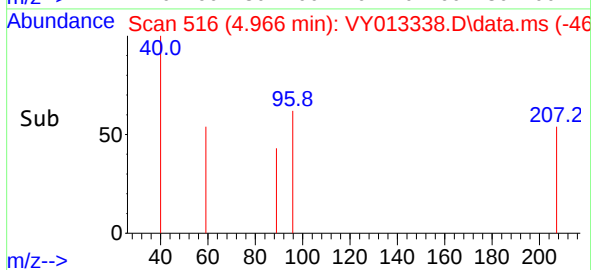
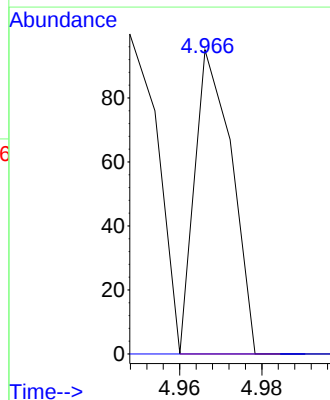
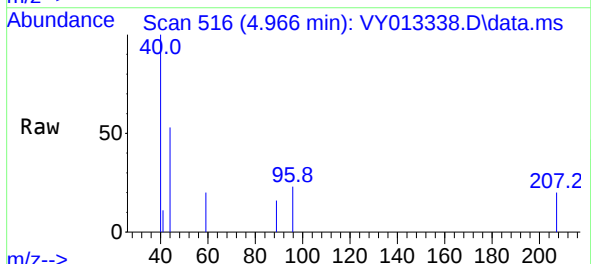
Instrument :
MSVOA_Y
ClientSampleId :

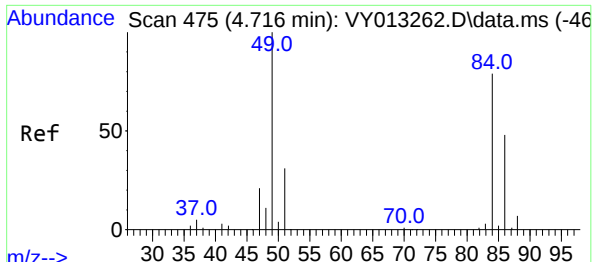
Tgt Ion:168 Resp: 230201
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

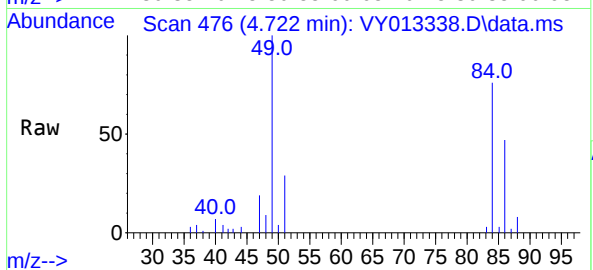
Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





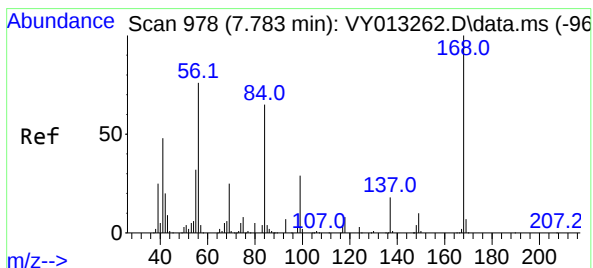
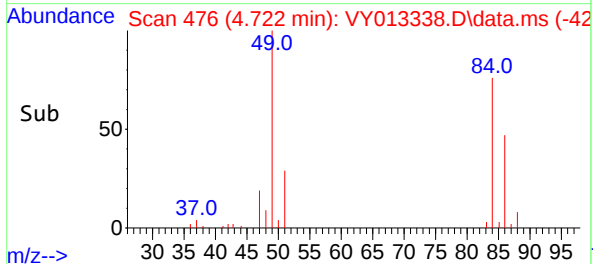
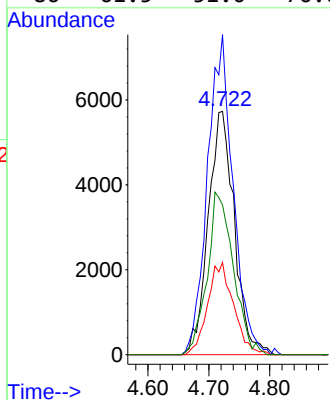
#20
Methylene Chloride
Concen: 2.782 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 17126

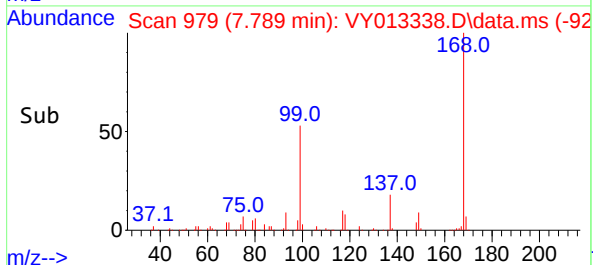
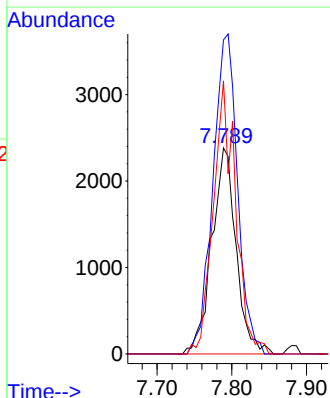
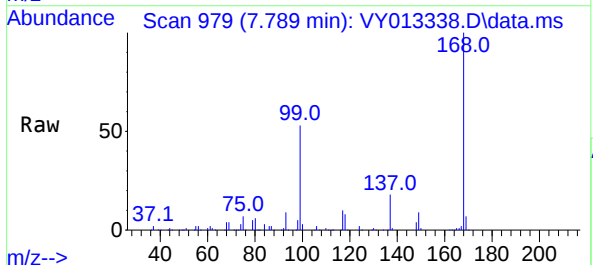
Ion	Ratio	Lower	Upper
84	100		
49	131.5	102.6	154.0
51	37.9	31.9	47.9
86	61.5	51.0	76.6

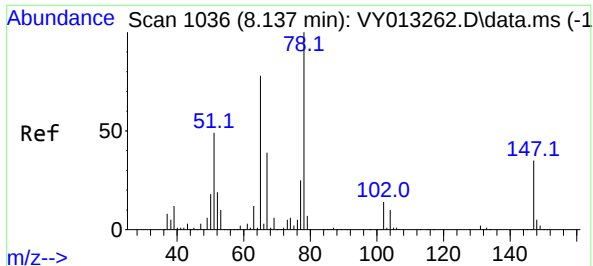


#31
Cyclohexane
Concen: 1.293 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Tgt Ion: 56 Resp: 5409

Ion	Ratio	Lower	Upper
56	100		
69	152.4	25.7	38.5#
84	132.5	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 54.374 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY013338.D

Acq: 19 Apr 2023 11:45

Instrument :

MSVOA_Y

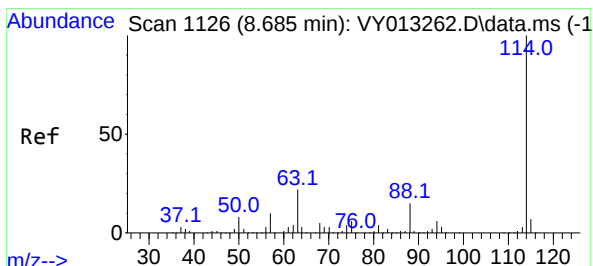
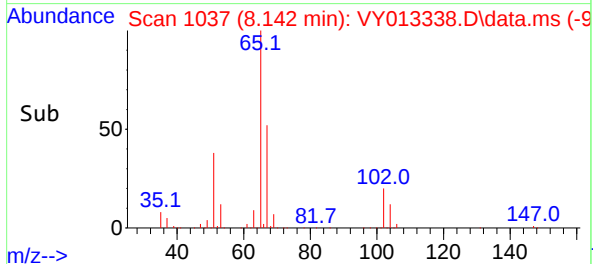
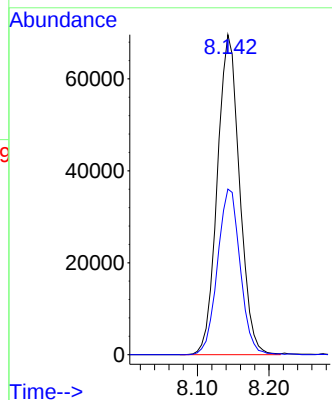
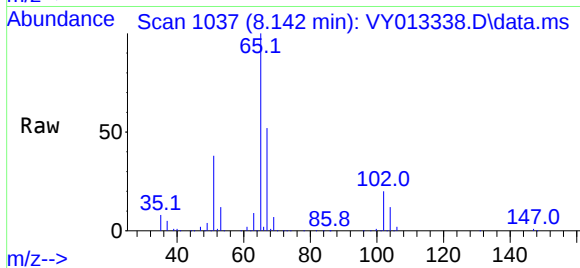
ClientSampleId :

Tgt Ion: 65 Resp: 150426

Ion Ratio Lower Upper

65 100

67 52.7 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: VY013338.D

Acq: 19 Apr 2023 11:45

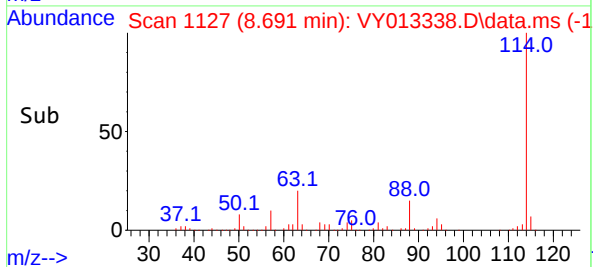
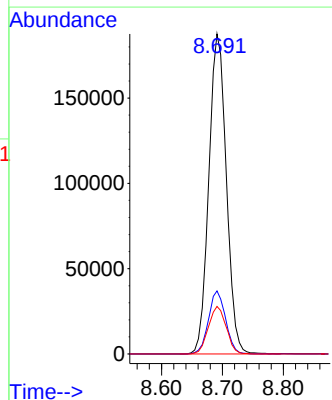
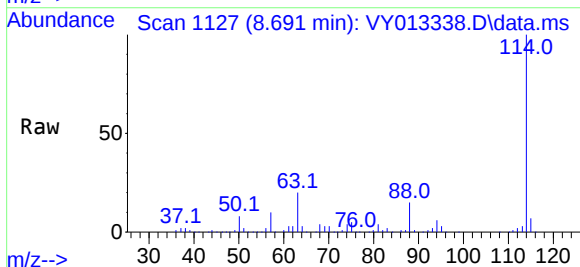
Tgt Ion: 114 Resp: 375135

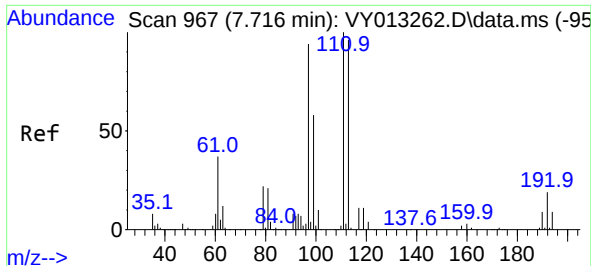
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

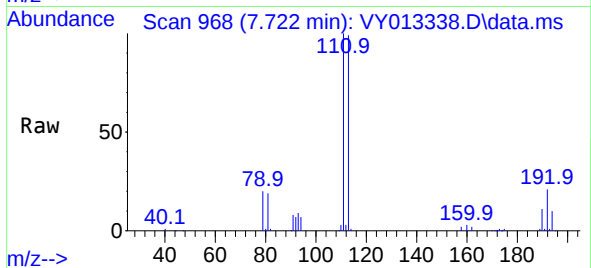
88 14.8 0.0 28.6



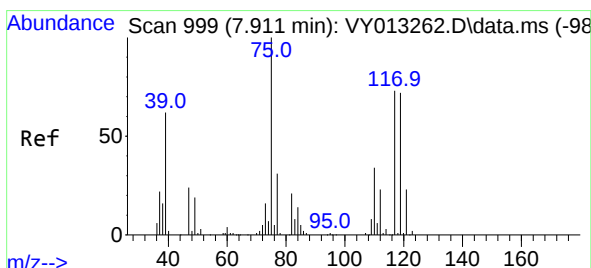
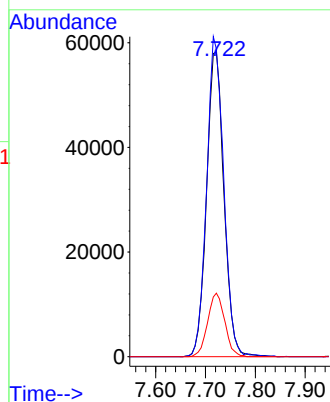
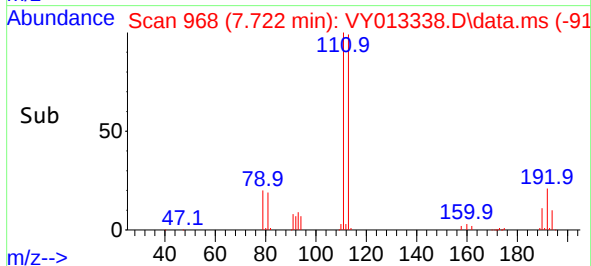


#35
Dibromofluoromethane
Concen: 58.027 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

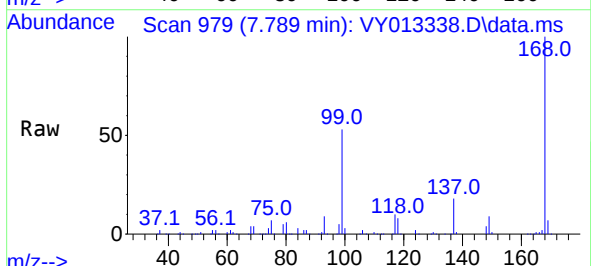
Instrument :
MSVOA_Y
ClientSampleId :



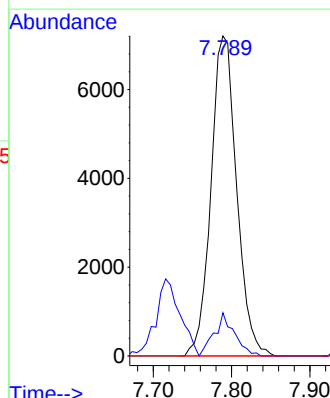
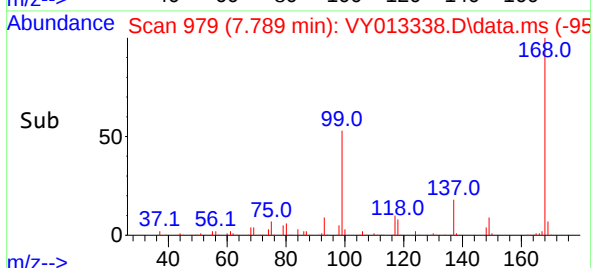
Tgt Ion:113 Resp: 140923
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.5 16.8 25.2

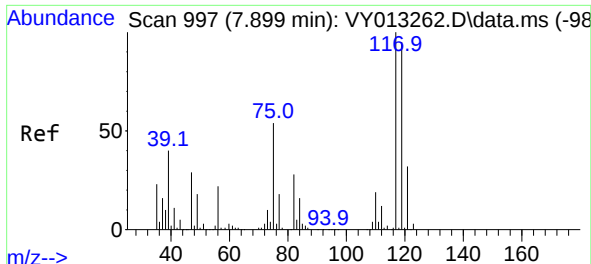


#36
1,1-Dichloropropene
Concen: 4.462 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45



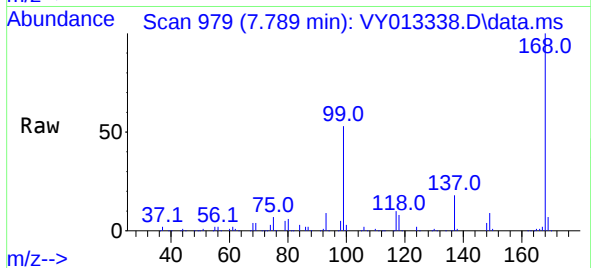
Tgt Ion: 75 Resp: 16418
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.3#
77 0.0 25.0 37.4#



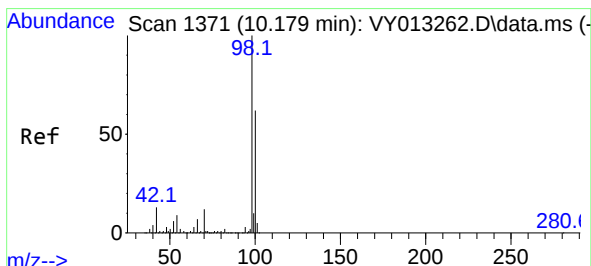
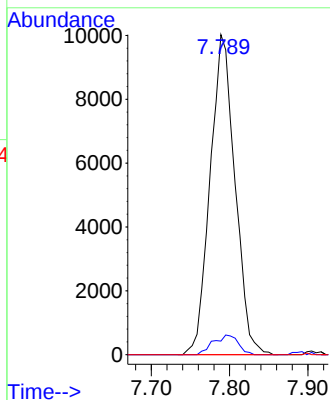
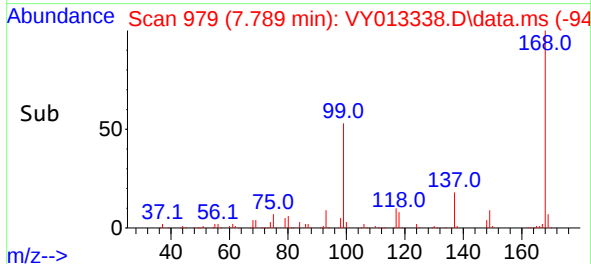


#38
Carbon Tetrachloride
Concen: 5.434 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :

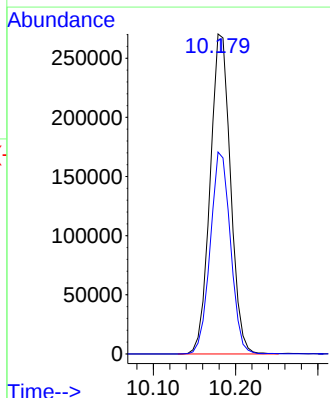
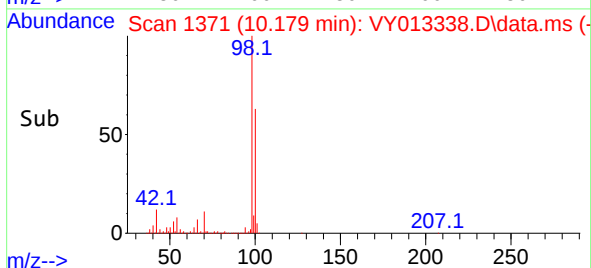
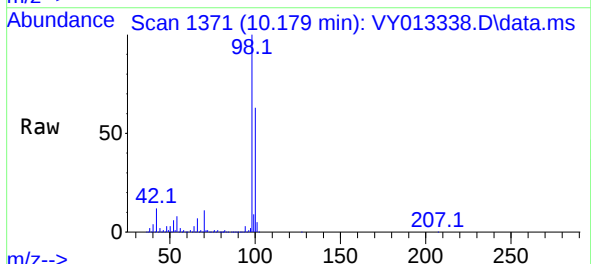


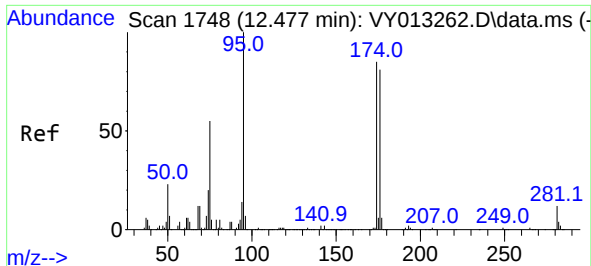
Tgt Ion:117 Resp: 22107
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.374 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

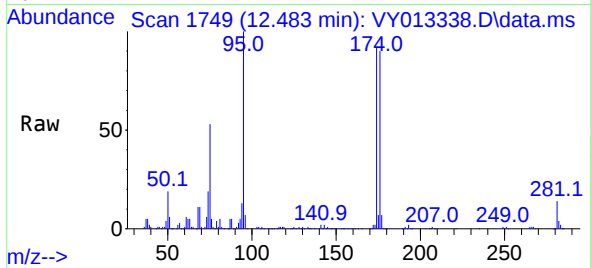
Tgt Ion: 98 Resp: 464406
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



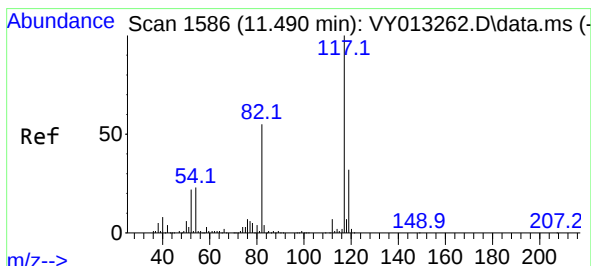
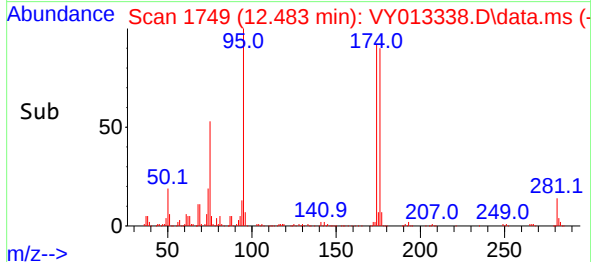
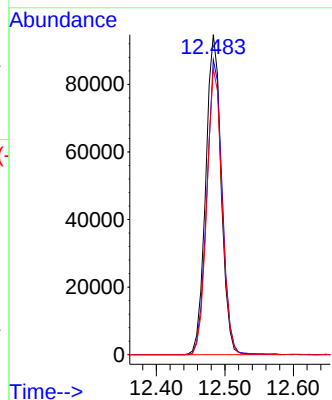


#62
4-Bromofluorobenzene
Concen: 50.495 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :

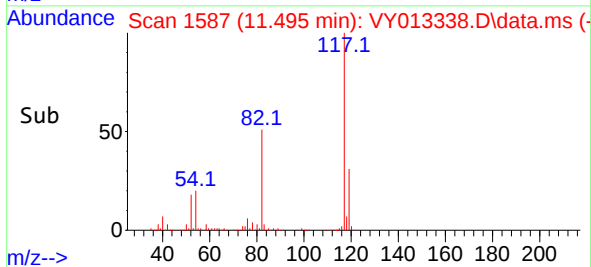
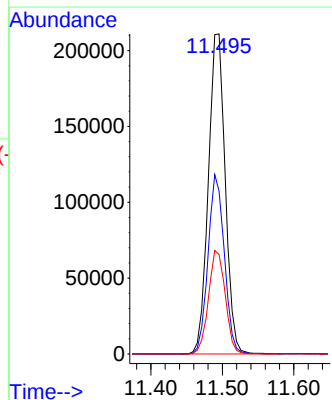
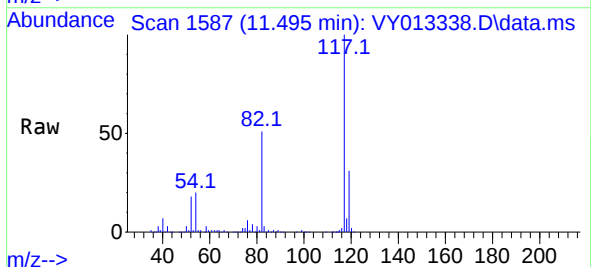


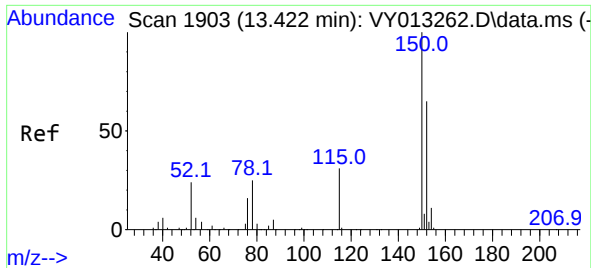
Tgt Ion: 95 Resp: 148310
Ion Ratio Lower Upper
95 100
174 92.2 0.0 176.6
176 88.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

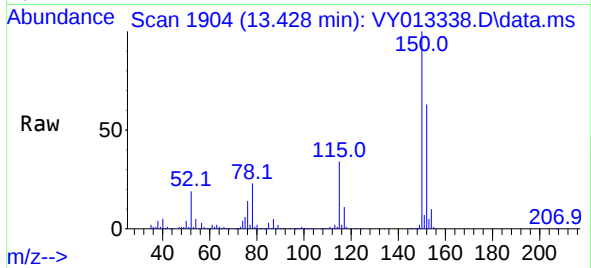
Tgt Ion: 117 Resp: 346165
Ion Ratio Lower Upper
117 100
82 50.9 45.4 68.0
119 31.0 25.6 38.4



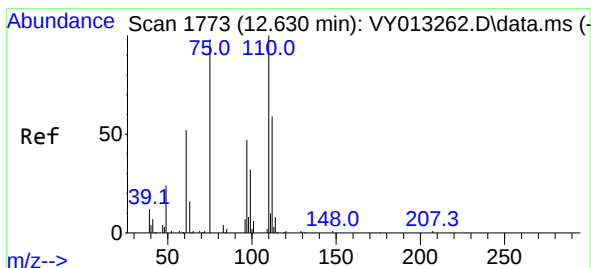
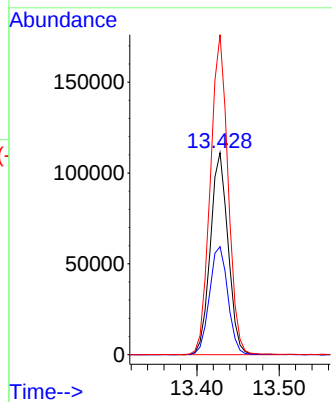
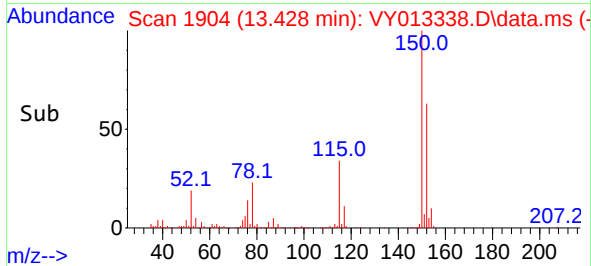


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :

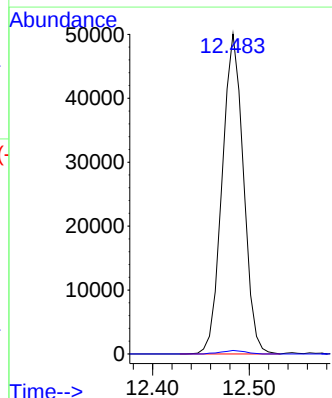
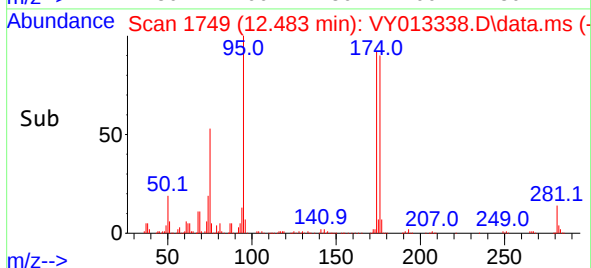
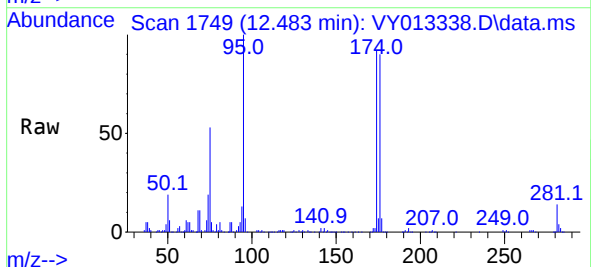


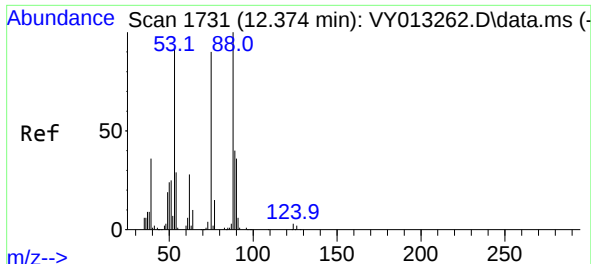
Tgt Ion:152 Resp: 166627
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 158.7 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 36.789 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Tgt Ion: 75 Resp: 76384
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

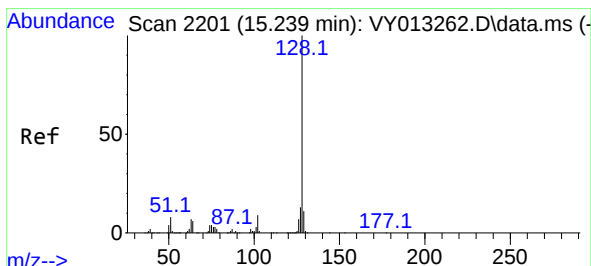
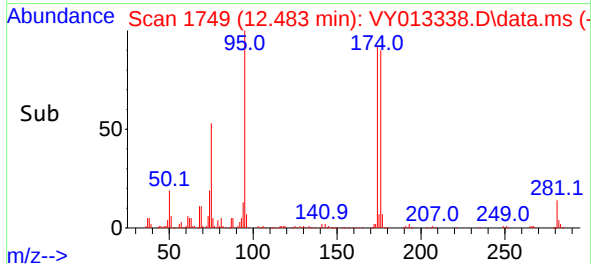
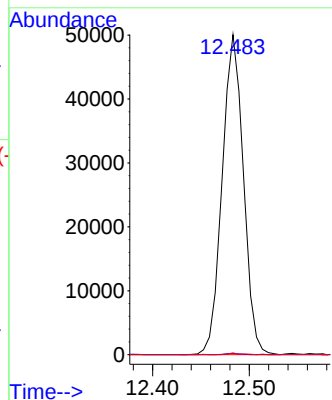
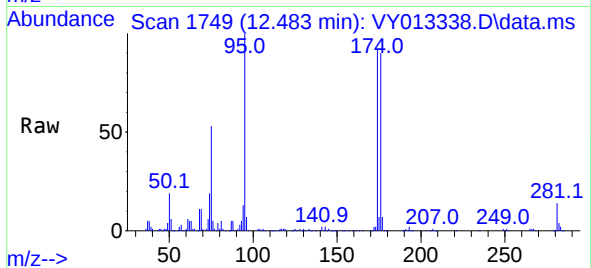




#81
trans-1,4-Dichloro-2-butene
Concen: 76.354 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76384
Ion Ratio Lower Upper
75 100
53 0.3 73.4 110.0#
89 0.3 36.6 55.0#



#95
Naphthalene
Concen: 3.443 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013338.D
Acq: 19 Apr 2023 11:45

Tgt Ion:128 Resp: 1866
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 4.6 8.6 13.0#

