

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013362.D
 Acq On : 20 Apr 2023 11:53
 Operator : KP/MD
 Sample : VY0420SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 02:13:43 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)

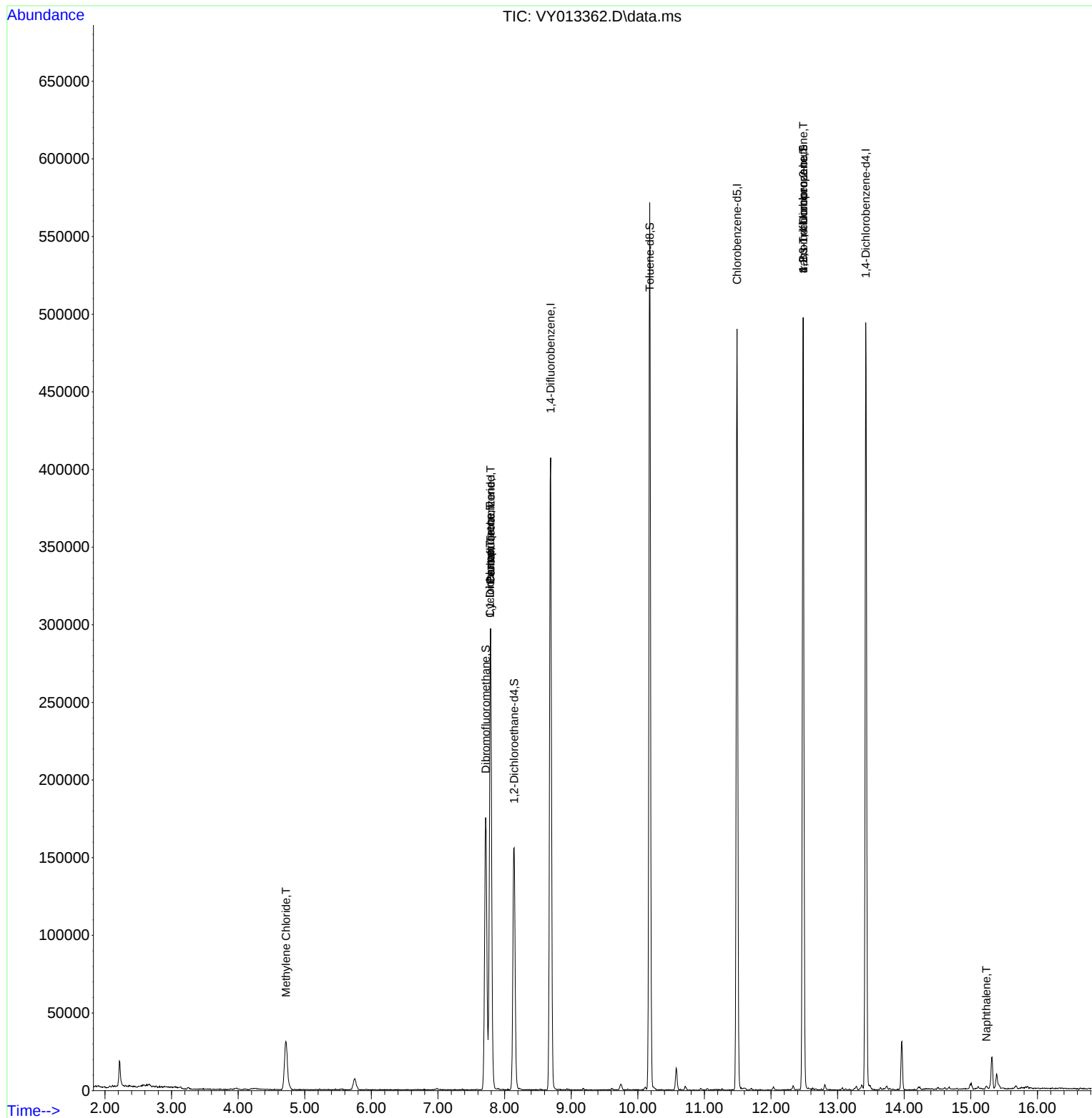
Internal Standards						
1) Pentafluorobenzene	7.789	168	233409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	354179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129709	46.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.480%
35) Dibromofluoromethane	7.716	113	121417	52.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.900%
50) Toluene-d8	10.179	98	372659	43.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.320%
62) 4-Bromofluorobenzene	12.483	95	129351	46.646	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.300%
Target Compounds						
11) Tert butyl alcohol	4.972	59	43	Below Cal	#	1
20) Methylene Chloride	4.716	84	23821	5.553	ug/l	89
31) Cyclohexane	7.783	56	4513	1.064	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	16328	4.701	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	22958	5.977	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	67280	40.341	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	67280	83.728	ug/l	# 13
95) Naphthalene	15.233	128	1897	3.507	ug/l	98

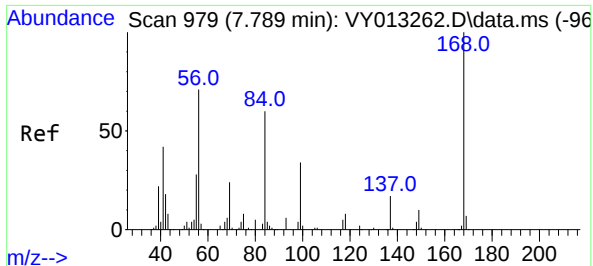
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
Data File : VY013362.D
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Operator : KP/MD
Sample : VY0420SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

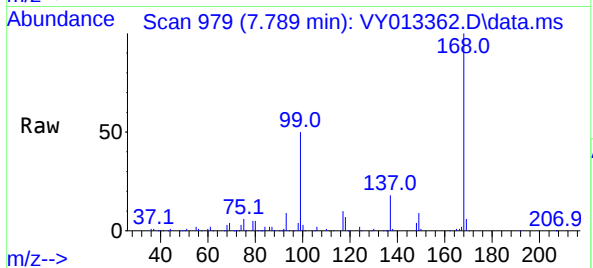
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



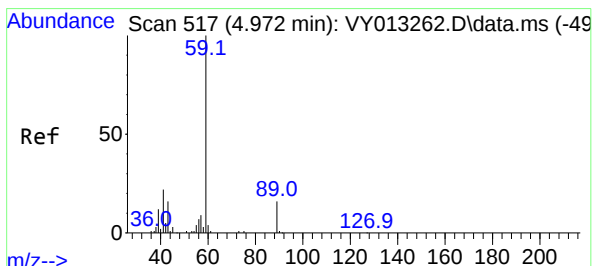
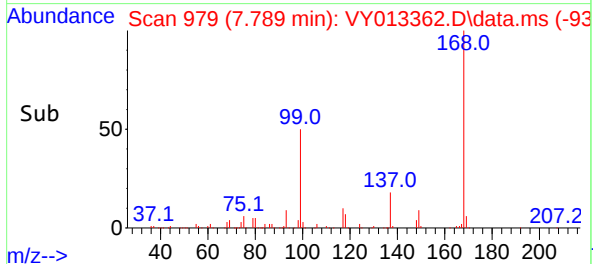
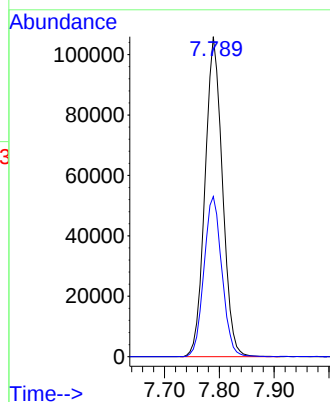


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :

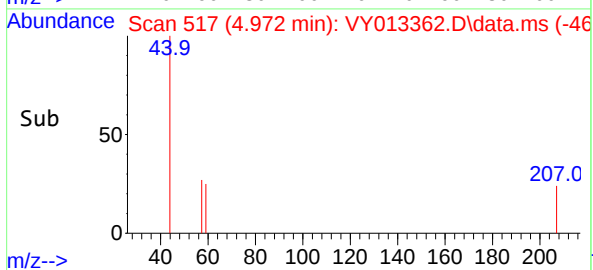
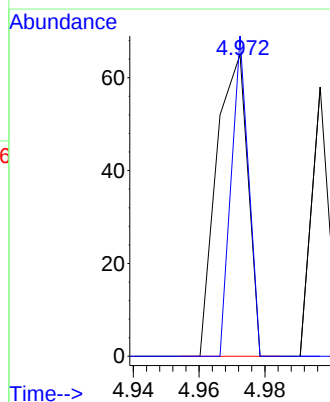
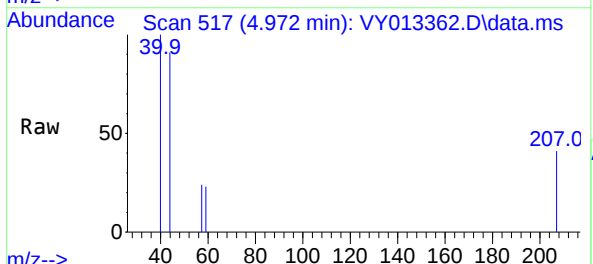


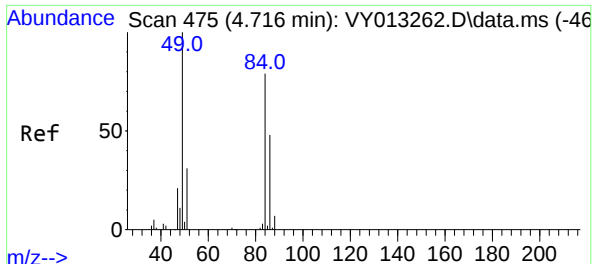
Tgt Ion:168 Resp: 233409
Ion Ratio Lower Upper
168 100
99 50.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

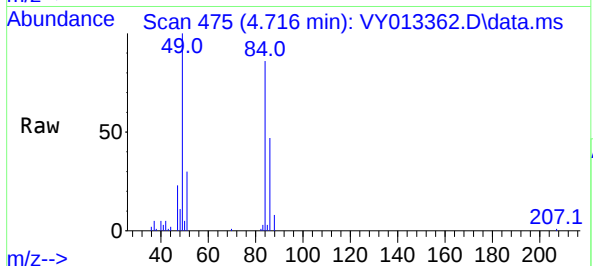
Tgt Ion: 59 Resp: 43
Ion Ratio Lower Upper
59 100
57 58.1 7.7 11.5#





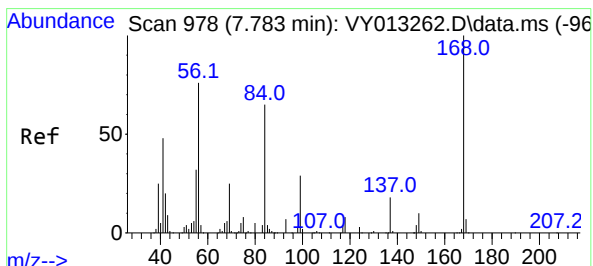
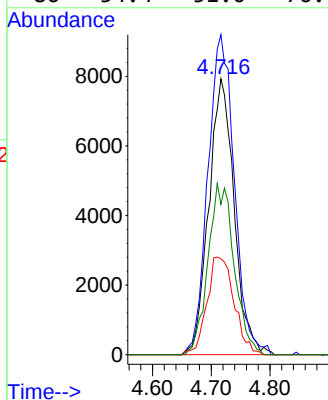
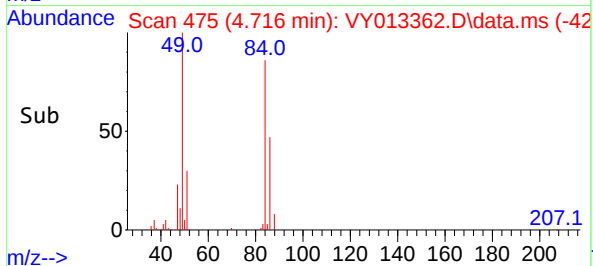
#20
Methylene Chloride
Concen: 5.553 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :

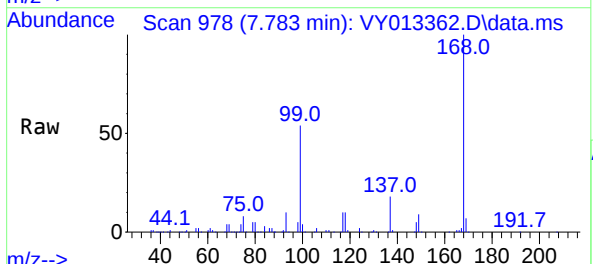


Tgt Ion: 84 Resp: 23821

Ion	Ratio	Lower	Upper
84	100		
49	116.0	102.6	154.0
51	34.8	31.9	47.9
86	54.4	51.0	76.6

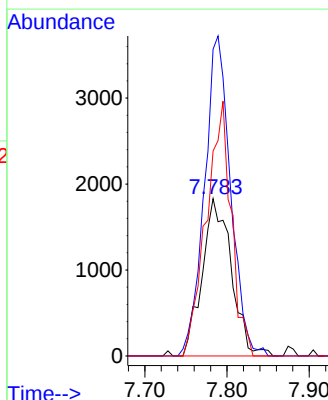
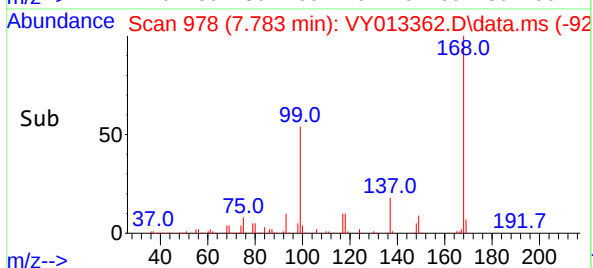


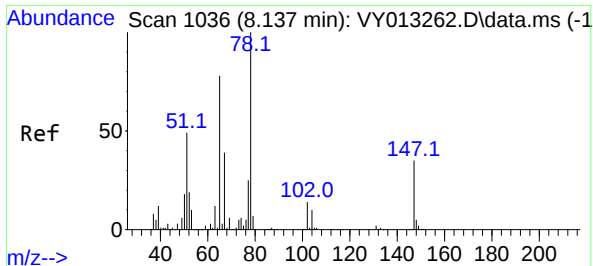
#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53



Tgt Ion: 56 Resp: 4513

Ion	Ratio	Lower	Upper
56	100		
69	195.0	25.7	38.5#
84	130.3	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 46.241 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY013362.D

Acq: 20 Apr 2023 11:53

Instrument :

MSVOA_Y

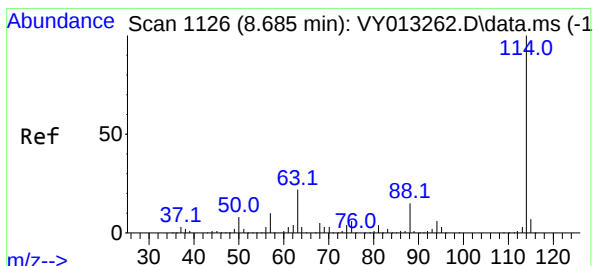
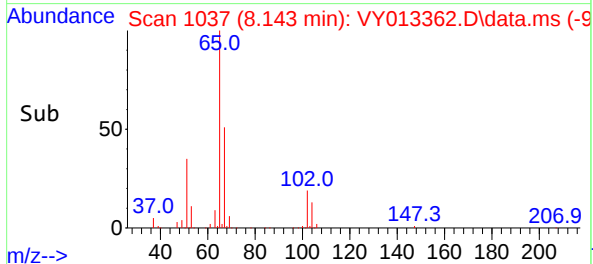
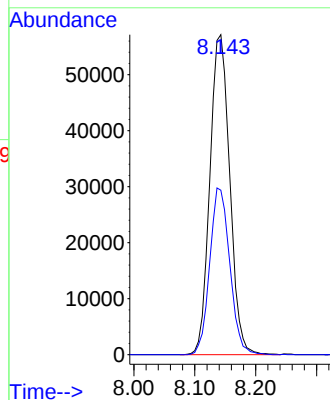
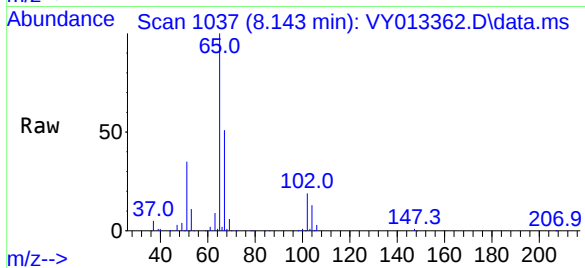
ClientSampleId :

Tgt Ion: 65 Resp: 129709

Ion Ratio Lower Upper

65 100

67 52.5 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: VY013362.D

Acq: 20 Apr 2023 11:53

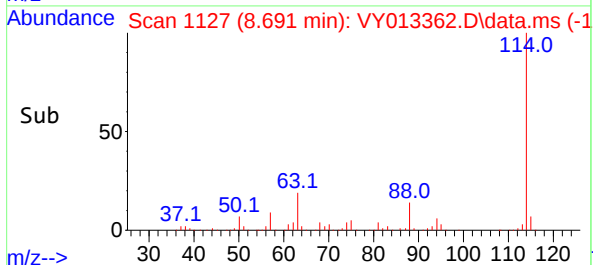
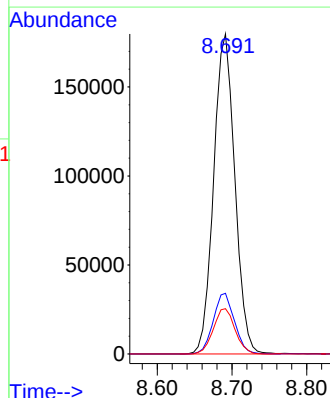
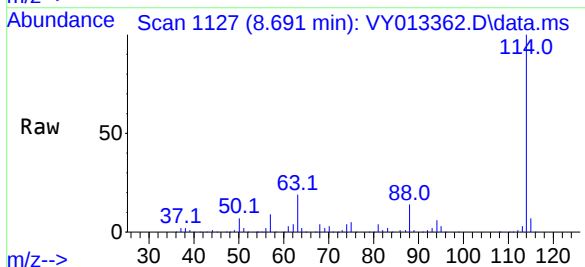
Tgt Ion: 114 Resp: 354179

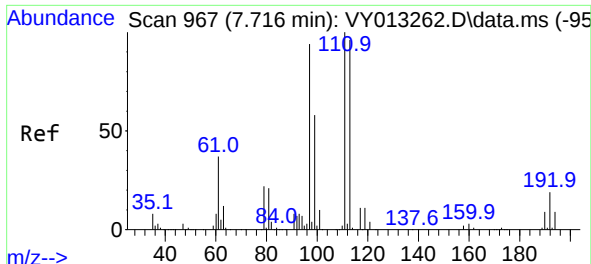
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

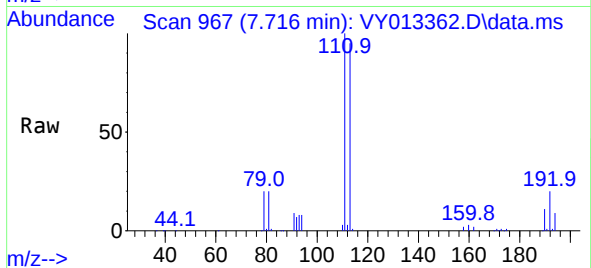
88 14.1 0.0 28.6





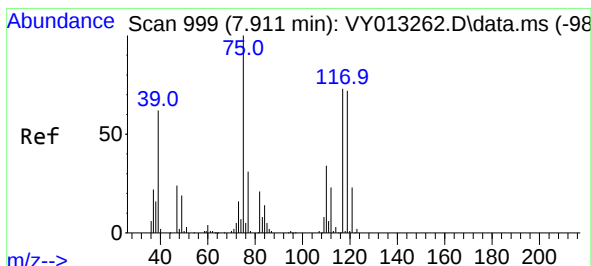
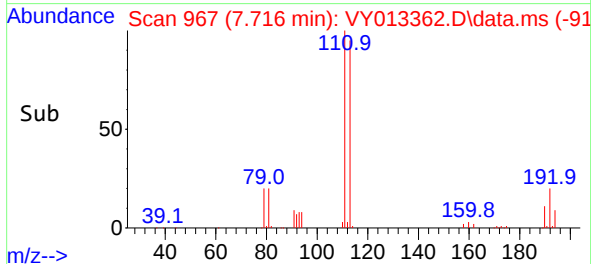
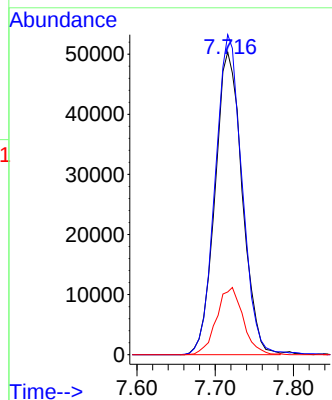
#35
 Dibromofluoromethane
 Concen: 52.953 ug/l
 RT: 7.716 min Scan# 913
 Delta R.T. -0.000 min
 Lab File: VY013362.D
 Acq: 20 Apr 2023 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:113 Resp: 121417

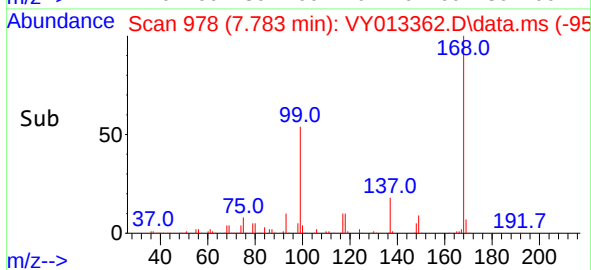
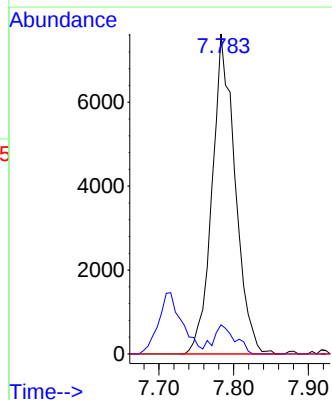
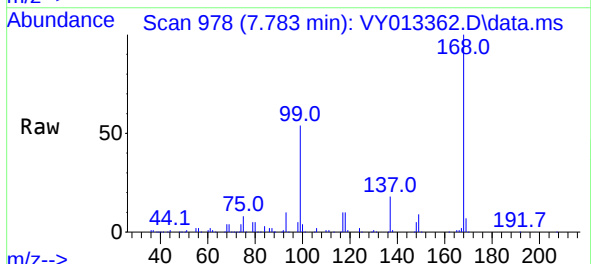
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.2
192	21.7	16.8	25.2

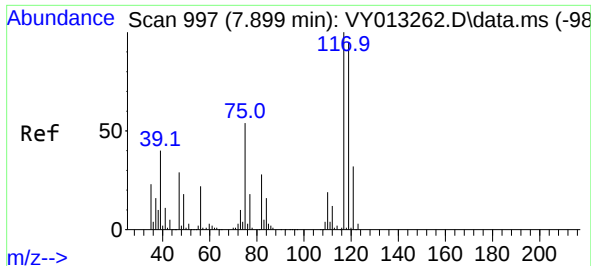


#36
 1,1-Dichloropropene
 Concen: 4.701 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.128 min
 Lab File: VY013362.D
 Acq: 20 Apr 2023 11:53

Tgt Ion: 75 Resp: 16328

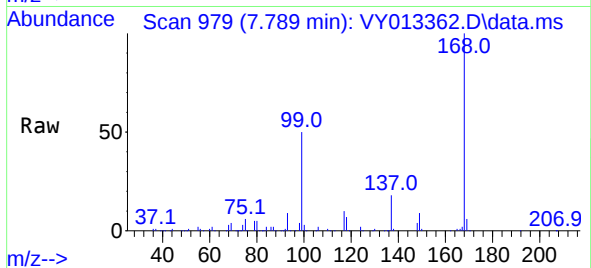
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.3#
77	0.0	25.0	37.4#



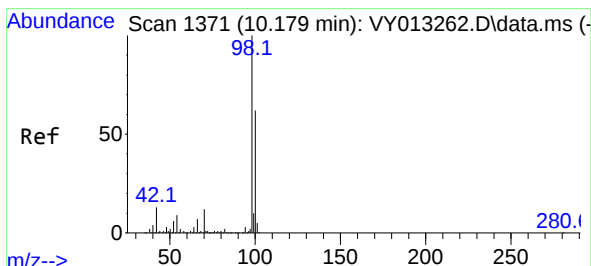
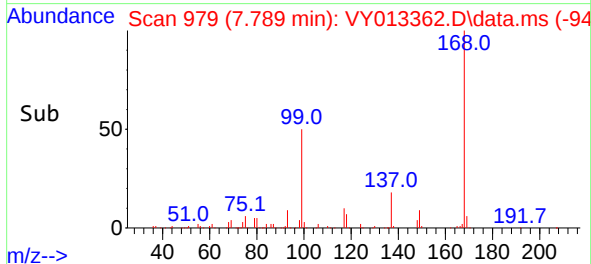
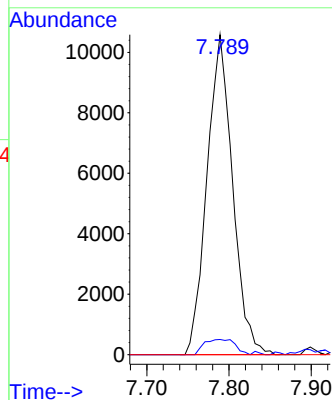


#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :

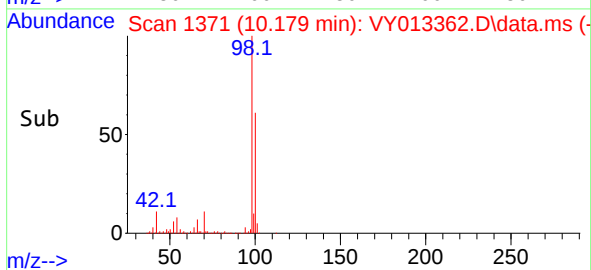
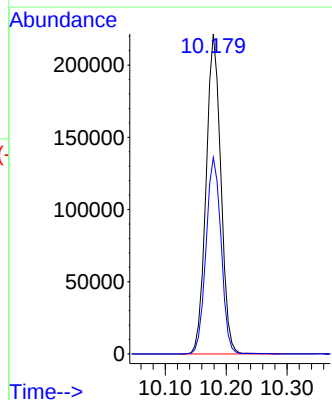
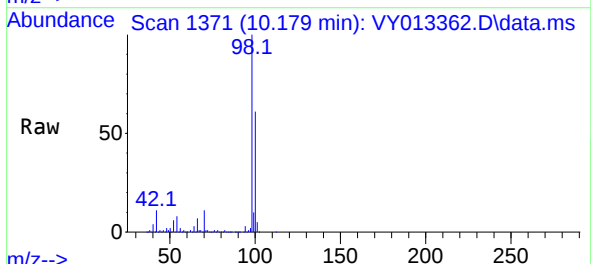


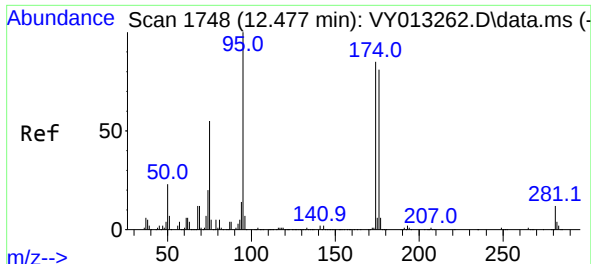
Tgt Ion:117 Resp: 22958
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 43.664 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

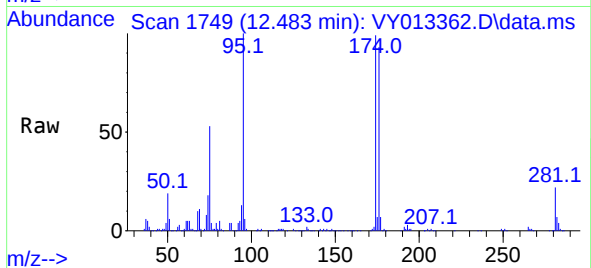
Tgt Ion: 98 Resp: 372659
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3



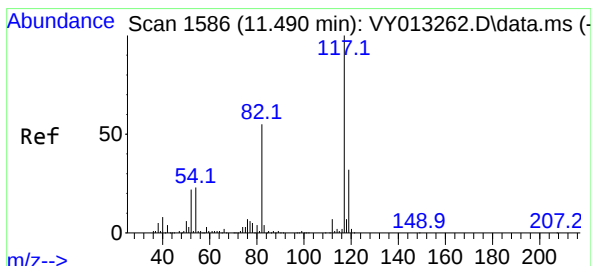
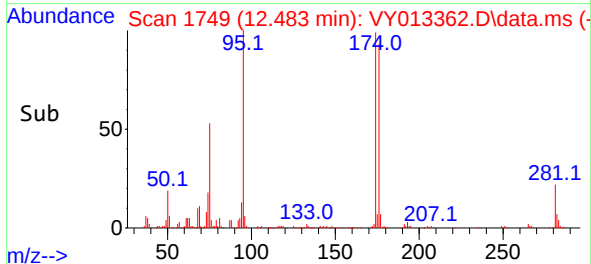
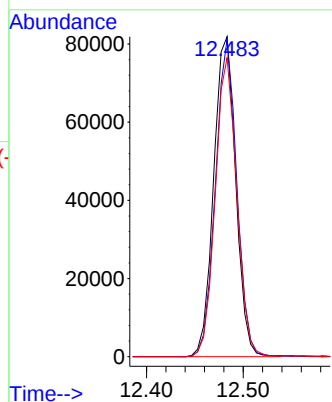


#62
4-Bromofluorobenzene
Concen: 46.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :

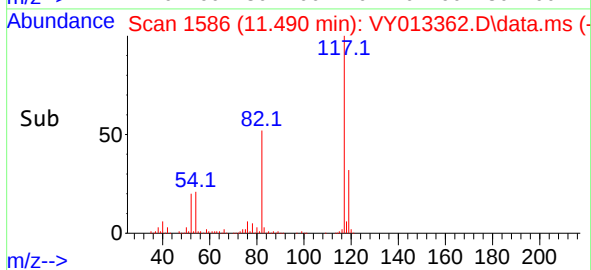
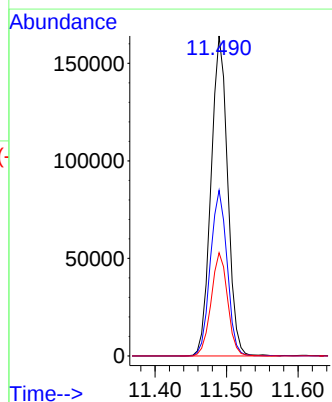
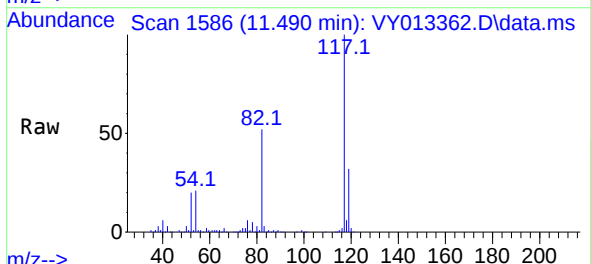


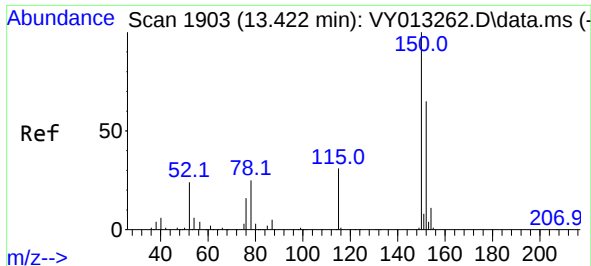
Tgt Ion: 95 Resp: 129351
Ion Ratio Lower Upper
95 100
174 96.1 0.0 176.6
176 91.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

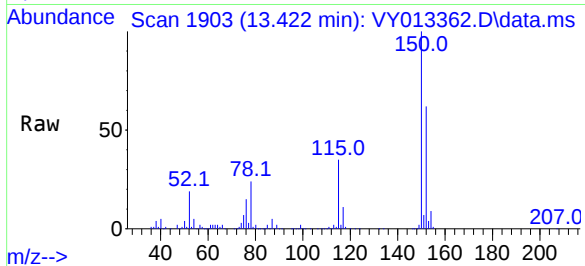
Tgt Ion: 117 Resp: 265183
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.0
119 32.3 25.6 38.4



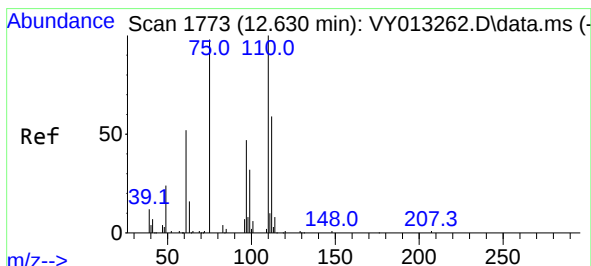
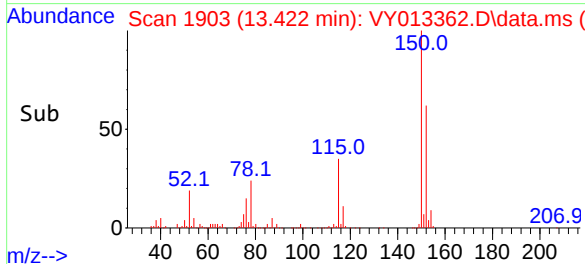
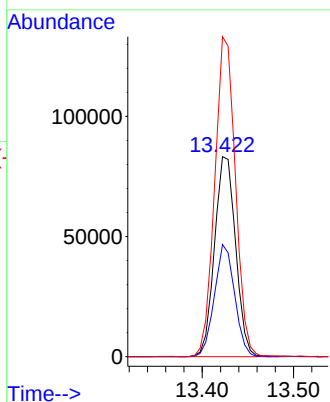


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :

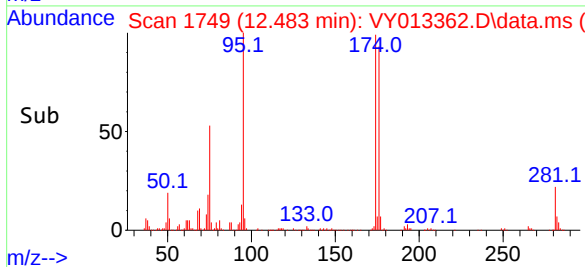
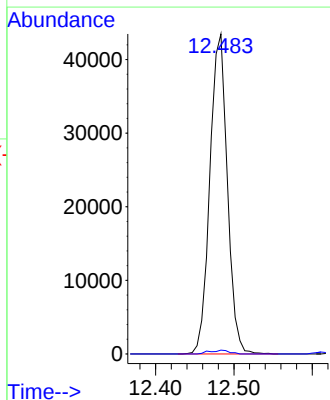
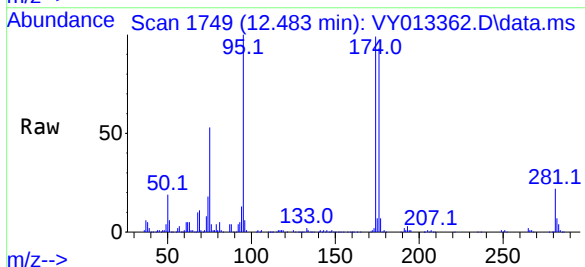


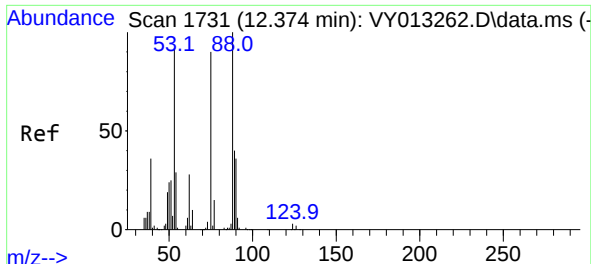
Tgt Ion:152 Resp: 133842
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.3
150 157.0 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 40.341 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Tgt Ion: 75 Resp: 67280
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

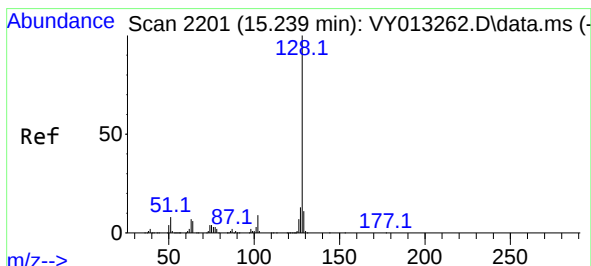
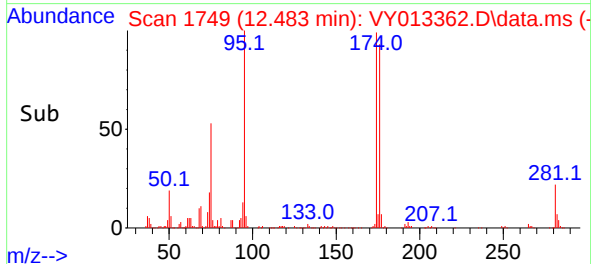
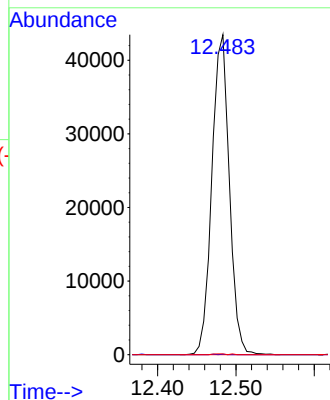
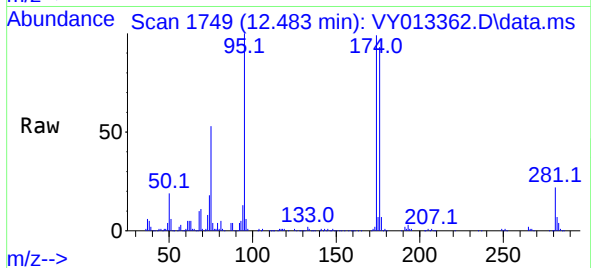




#81
trans-1,4-Dichloro-2-butene
Concen: 83.728 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67280
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.2 36.6 55.0#



#95
Naphthalene
Concen: 3.507 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Tgt Ion:128 Resp: 1897
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 10.7 8.6 13.0

