

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120723\
 Data File : VY016624.D
 Acq On : 07 Dec 2023 15:18
 Operator : SY/MD
 Sample : VY1207SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 15:55:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

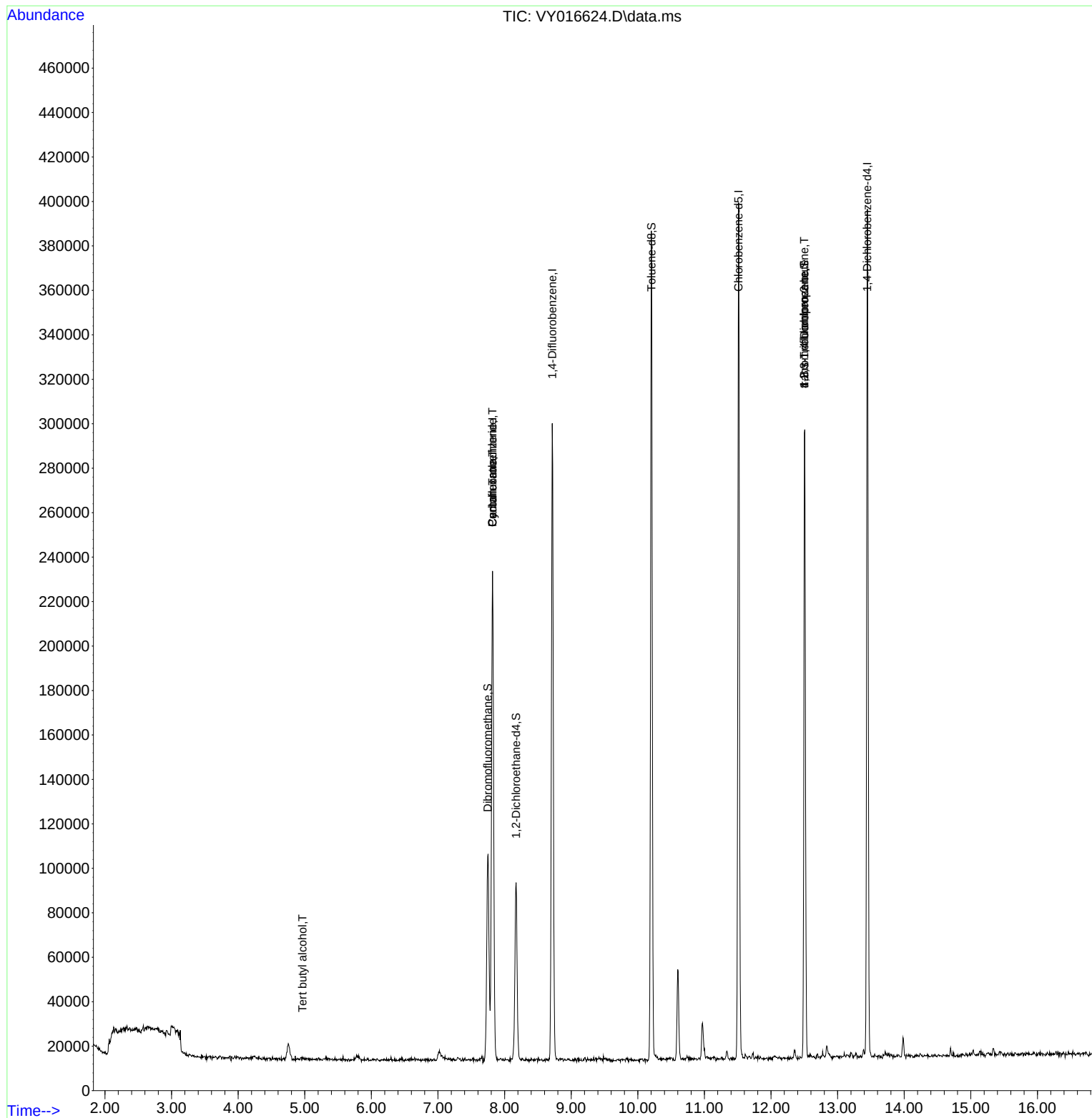
Internal Standards						
1) Pentafluorobenzene	7.819	168	175997	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.715	114	252784	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	216119	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	104844	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	69705	42.851	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.700%
35) Dibromofluoromethane	7.746	113	64447	42.364	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.720%
50) Toluene-d8	10.203	98	241526	41.974	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.940%
62) 4-Bromofluorobenzene	12.501	95	78882	41.686	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	198	1.786	ug/l #	89
20) Methylene Chloride	4.753	84	5208	Below Cal	#	75
31) Cyclohexane	7.819	56	3244	1.168	ug/l #	1
38) Carbon Tetrachloride	7.819	117	16556	6.184	ug/l #	16
76) 1,2,3-Trichloropropane	12.501	75	42134	44.488	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	42134	100.356	ug/l #	11
95) Naphthalene	15.263	128	1325	Below Cal	#	88
96) 1,2,3-Trichlorobenzene	15.452	180	773	Below Cal		95

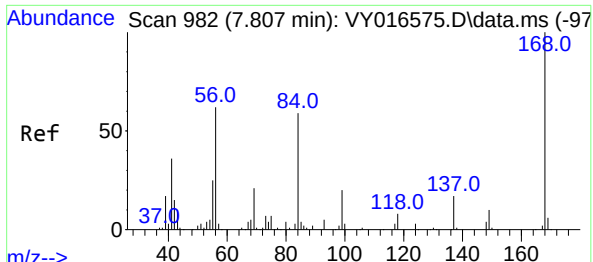
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120723\
Data File : VY016624.D
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Operator : SY/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

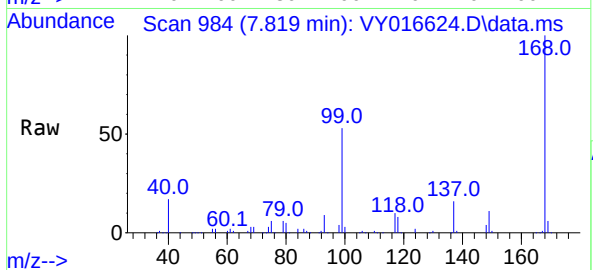
Quant Time: Dec 07 15:55:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration



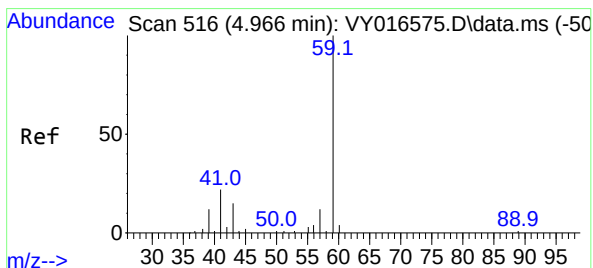
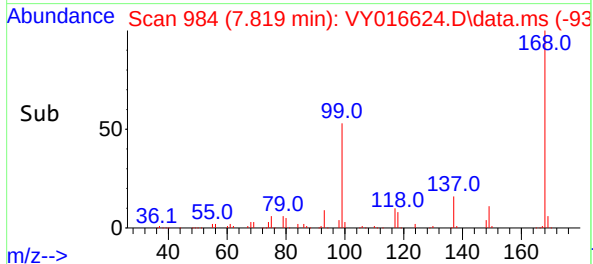
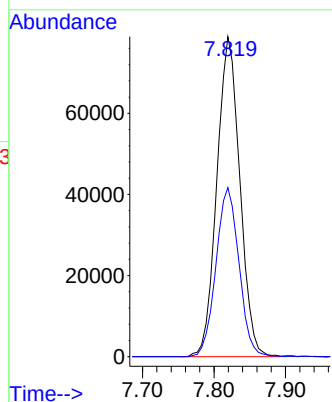


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :

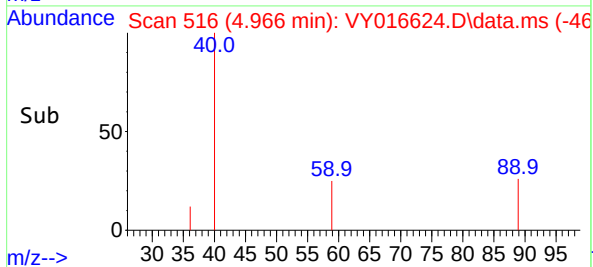
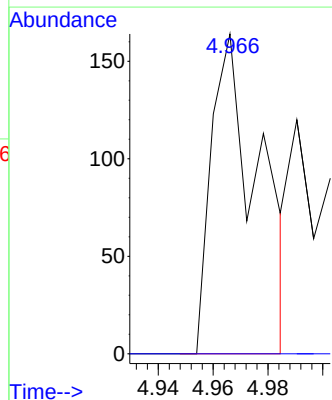
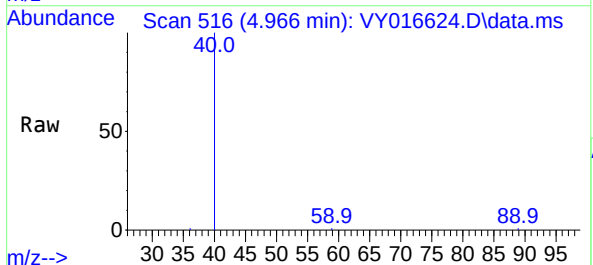


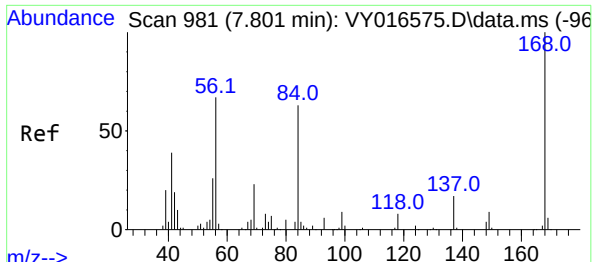
Tgt Ion:168 Resp: 175997
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.786 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

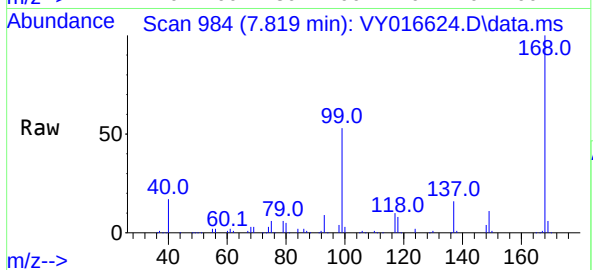
Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



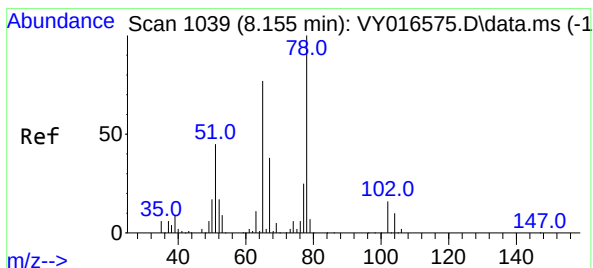
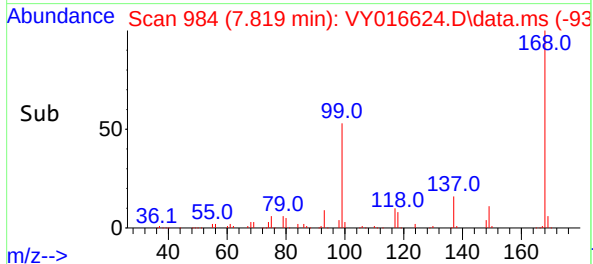
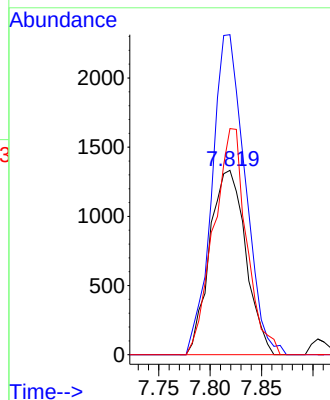


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :

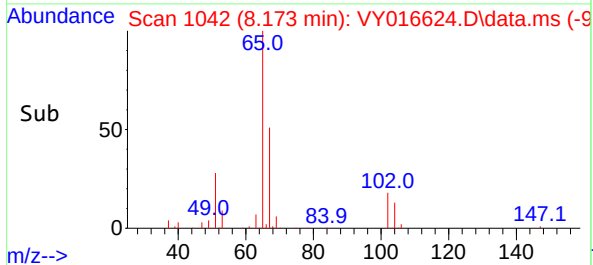
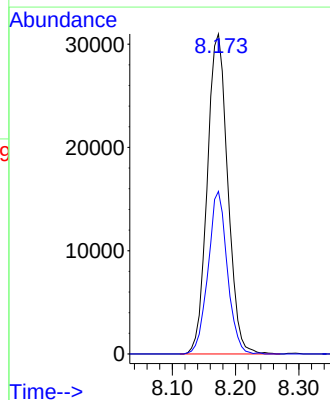
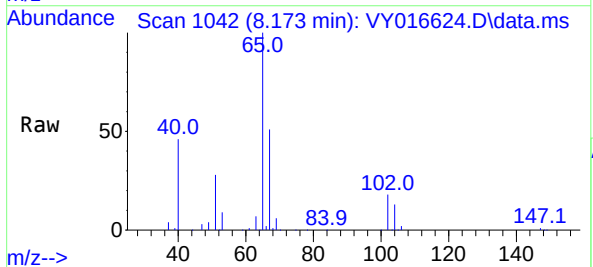


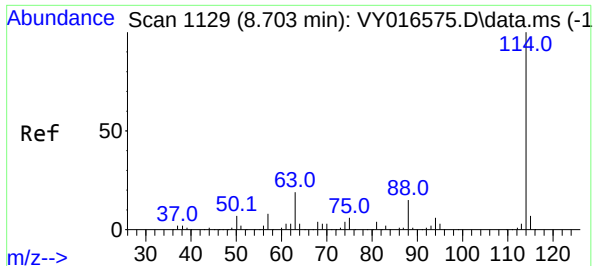
Tgt Ion: 56 Resp: 3244
Ion Ratio Lower Upper
56 100
69 173.6 27.8 41.6#
84 122.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 42.851 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

Tgt Ion: 65 Resp: 69705
Ion Ratio Lower Upper
65 100
67 47.7 0.0 101.8

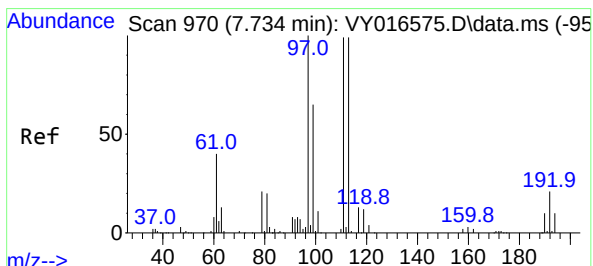
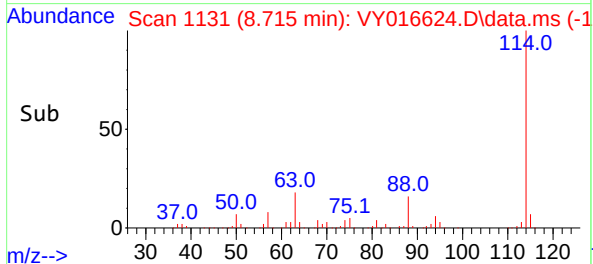
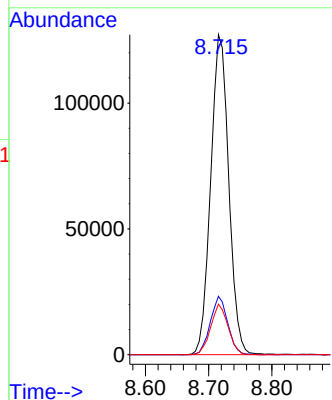
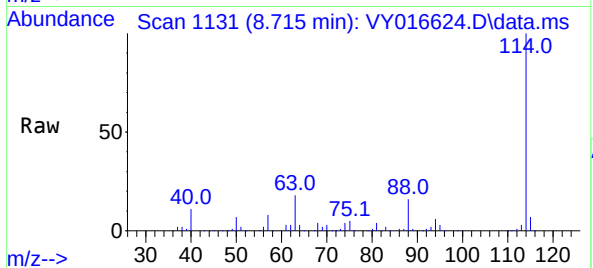




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.715 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

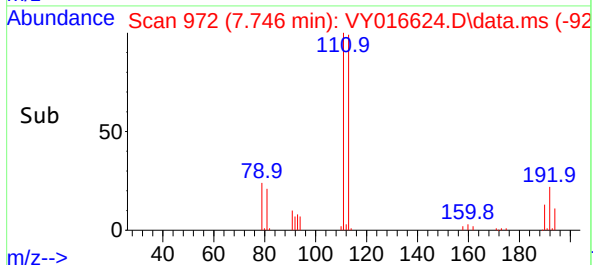
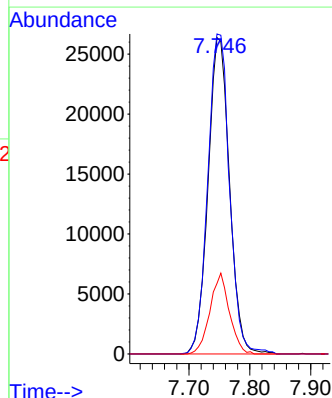
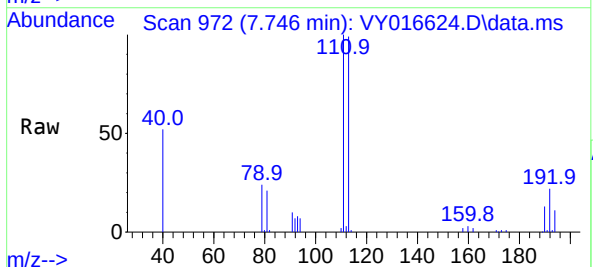
Instrument :
MSVOA_Y
ClientSampleId :

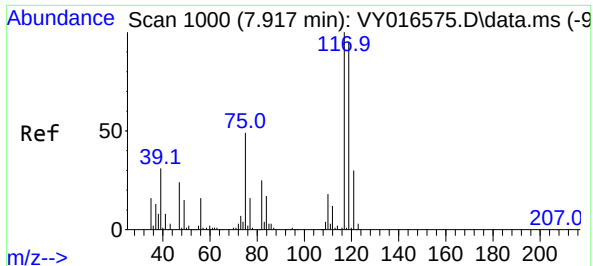
Tgt Ion:114 Resp: 252784
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 42.364 ug/l
RT: 7.746 min Scan# 972
Delta R.T. 0.012 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

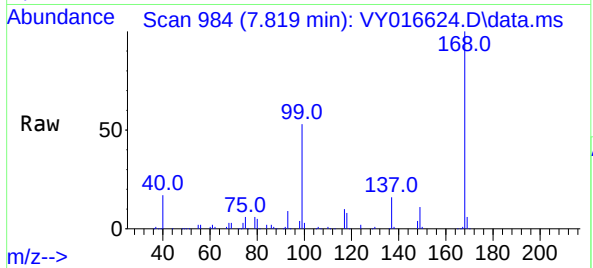
Tgt Ion:113 Resp: 64447
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 23.2 16.9 25.3



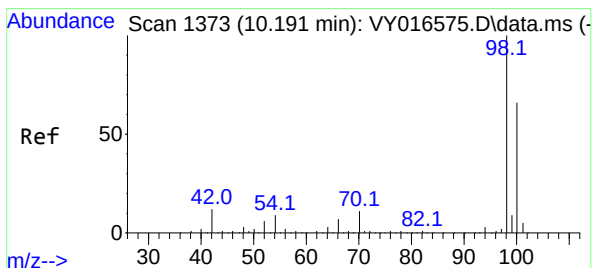
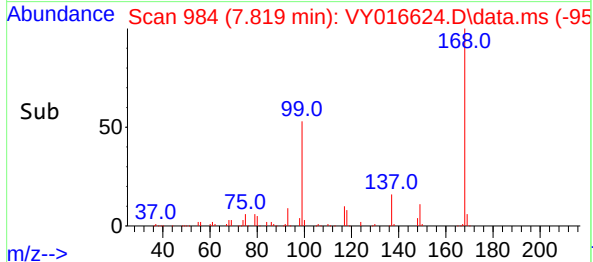
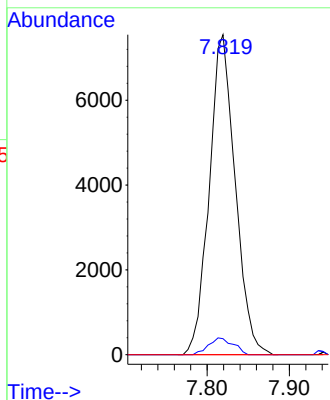


#38
Carbon Tetrachloride
Concen: 6.184 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :

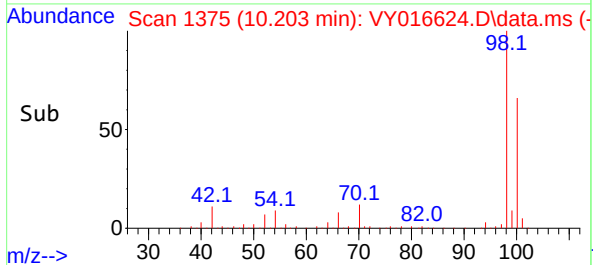
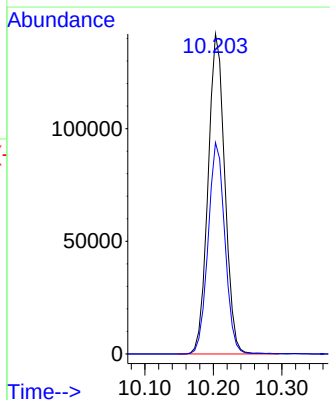
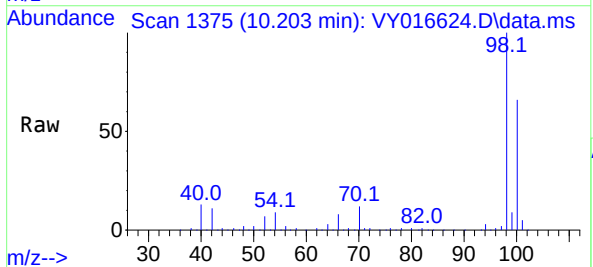


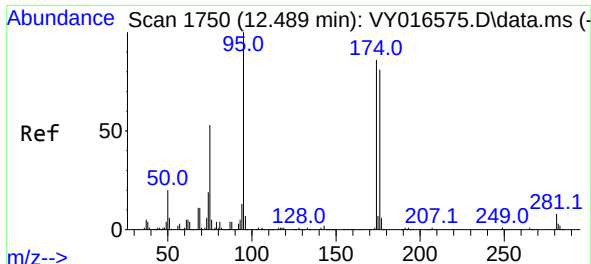
Tgt Ion:117 Resp: 16556
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 41.974 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

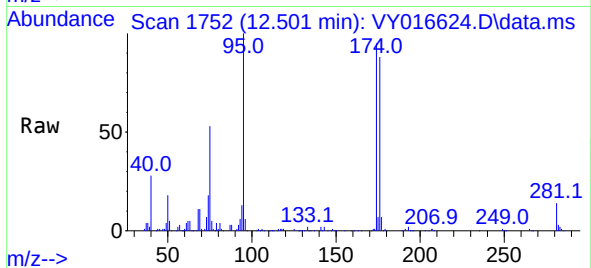
Tgt Ion: 98 Resp: 241526
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1



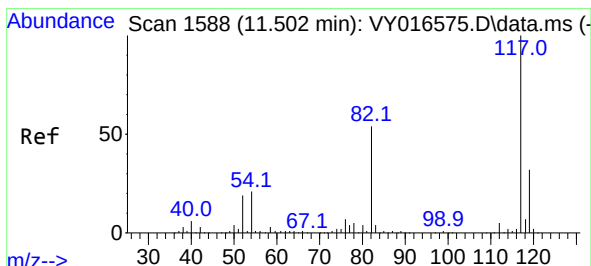
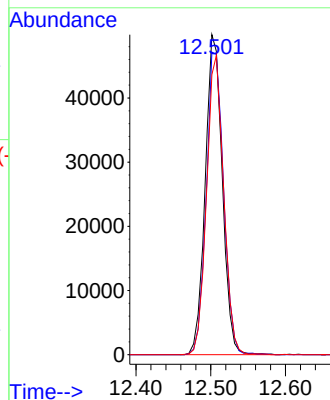
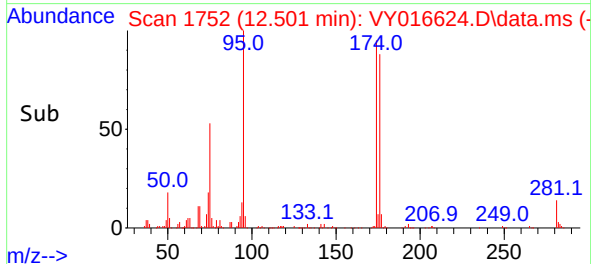


#62
4-Bromofluorobenzene
Concen: 41.686 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

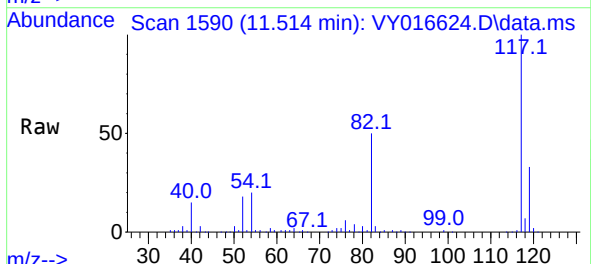
Instrument :
MSVOA_Y
ClientSampleId :



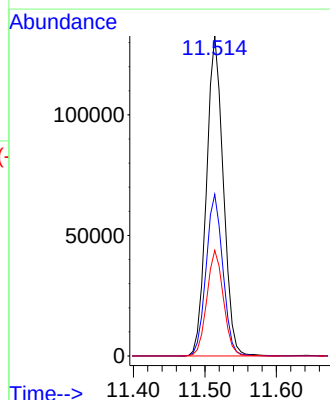
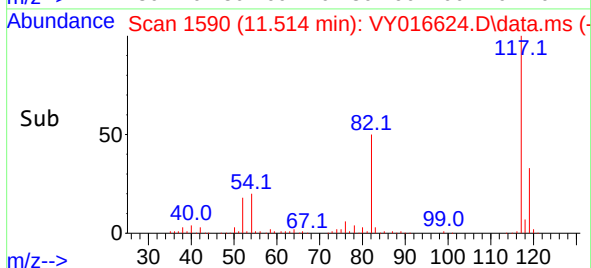
Tgt Ion: 95 Resp: 78882
Ion Ratio Lower Upper
95 100
174 96.5 0.0 178.2
176 93.7 0.0 173.8

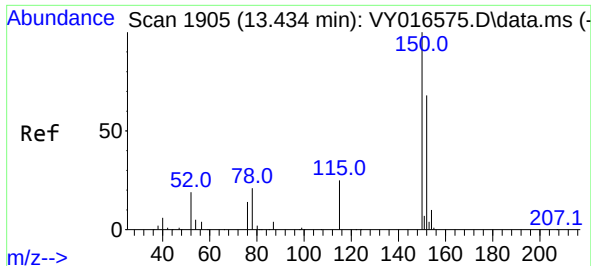


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18



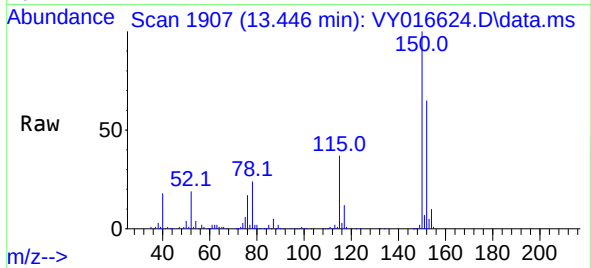
Tgt Ion: 117 Resp: 216119
Ion Ratio Lower Upper
117 100
82 50.5 43.4 65.0
119 33.0 26.3 39.5



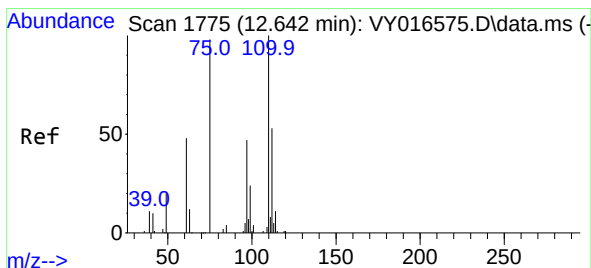
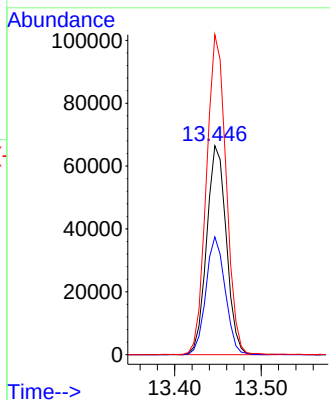
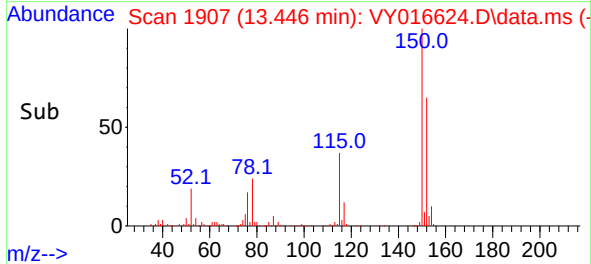


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :

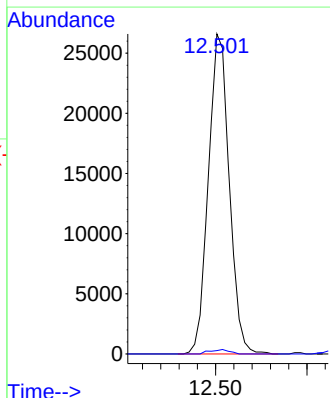
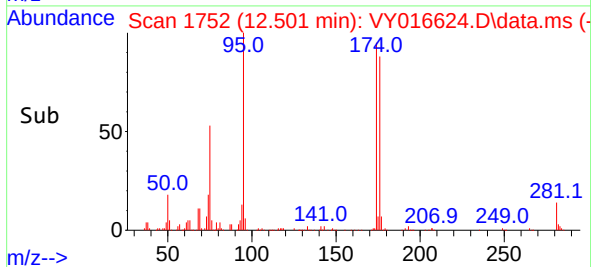
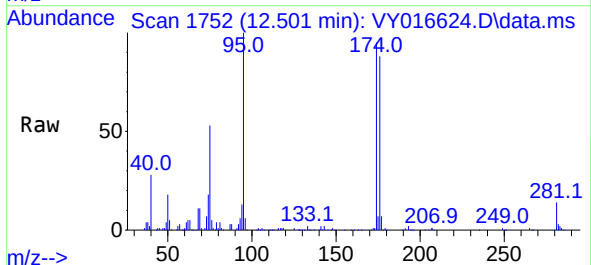


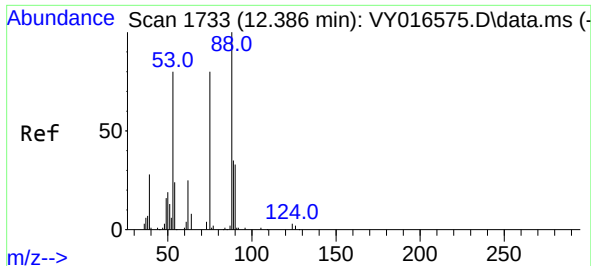
Tgt Ion:152 Resp: 104844
Ion Ratio Lower Upper
152 100
115 55.2 28.8 86.5
150 153.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 44.488 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016624.D
Acq: 07 Dec 2023 15:18

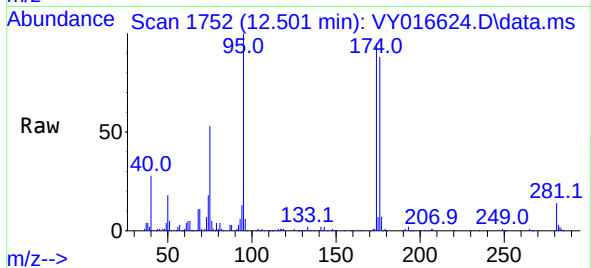
Tgt Ion: 75 Resp: 42134
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.356 ug/l
 RT: 12.501 min Scan# 11
 Delta R.T. 0.116 min
 Lab File: VY016624.D
 Acq: 07 Dec 2023 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 42134

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

