

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016976.D
 Acq On : 10 Jan 2024 16:24
 Operator : SY/MD
 Sample : P1100-03
 Misc : 3.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:14:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

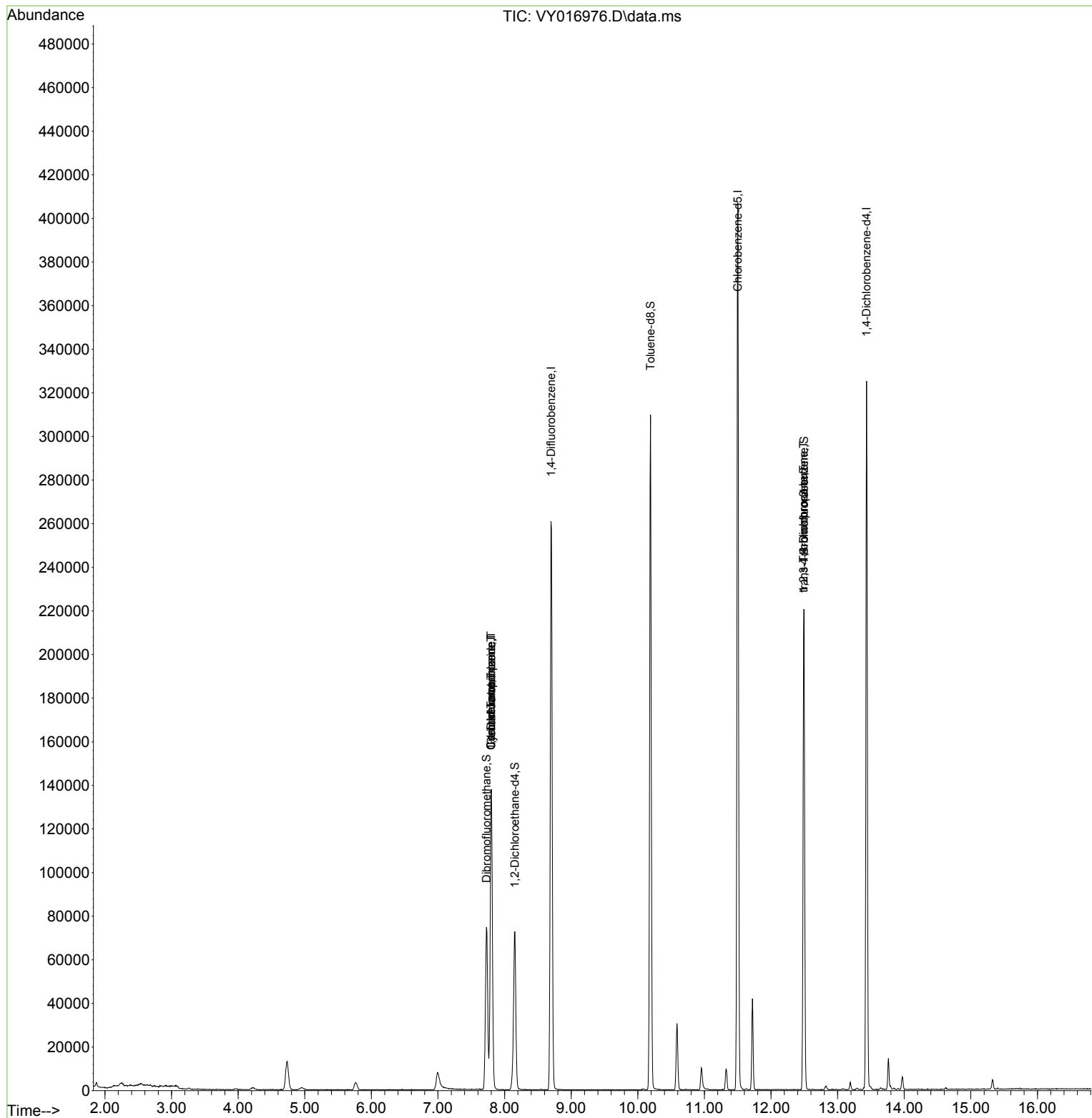
Internal Standards						
1) Pentafluorobenzene	7.801	168	105549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	216471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	53656	51.434	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.860%			
35) Dibromofluoromethane	7.728	113	54848	38.327	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 76.660%			
50) Toluene-d8	10.191	98	198241	40.229	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 80.460%			
62) 4-Bromofluorobenzene	12.495	95	63320	38.085	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 76.180%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	1633	Below Cal	#	75
16) Acetone	3.960	43	964	Below Cal	#	87
25) 2-Butanone	6.996	43	621	Below Cal	#	48
31) Cyclohexane	7.795	56	2393	1.337	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	9451	4.532	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10700	5.050	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	33772	39.433	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33772	89.543	ug/l #	12

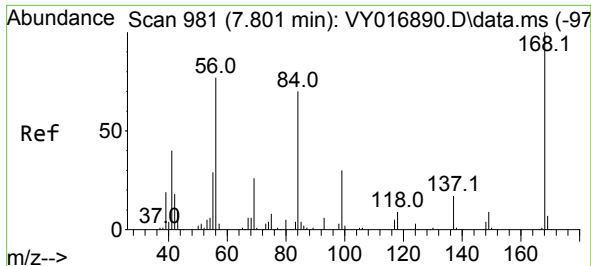
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
Data File : VY016976.D
Acq On : 10 Jan 2024 16:24
Operator : SY/MD
Sample : P1100-03
Misc : 3.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 11 00:14:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

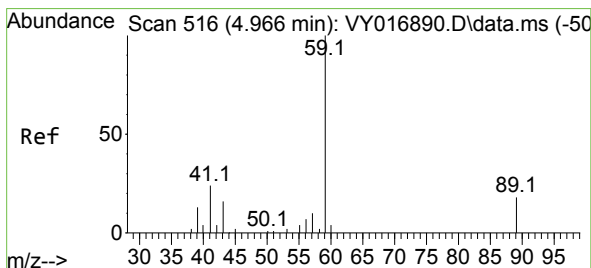
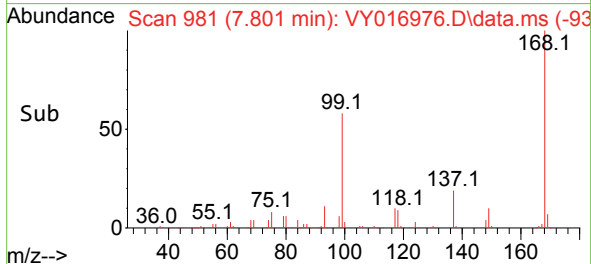
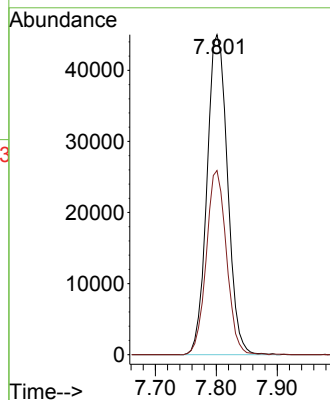
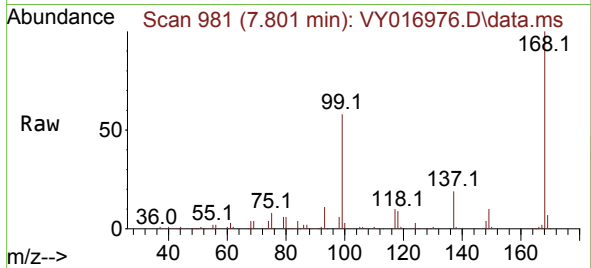




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

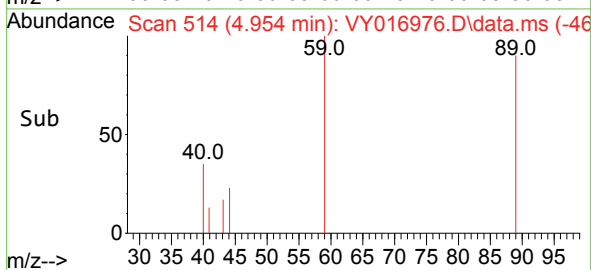
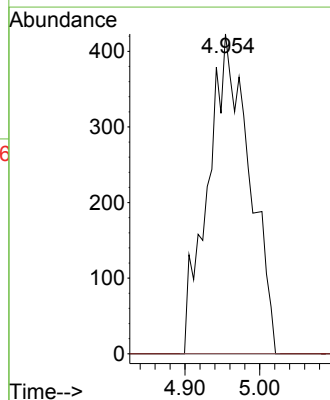
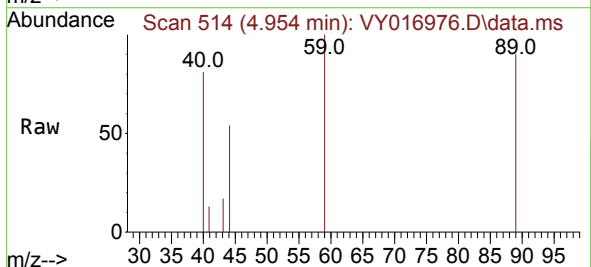
Instrument :
MSVOA_Y
ClientSampleId :

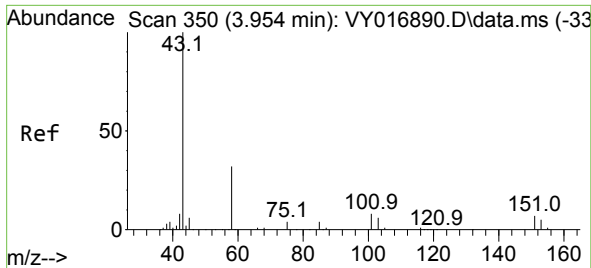
Tgt Ion:168 Resp: 105549
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Tgt Ion: 59 Resp: 1633
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

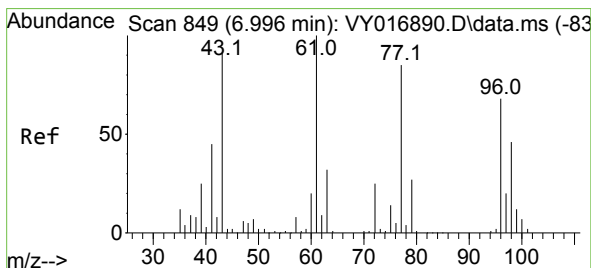
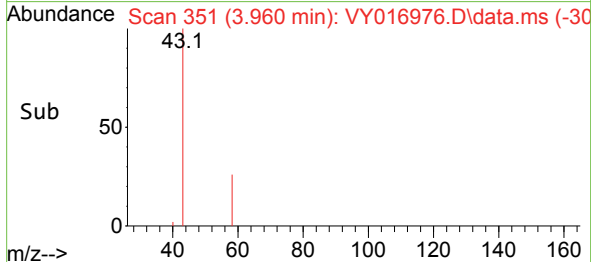
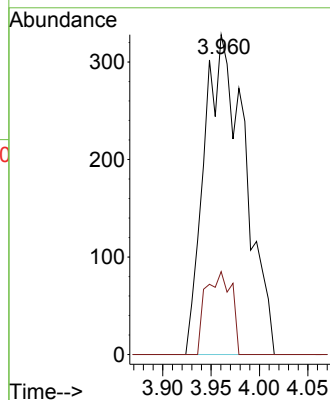
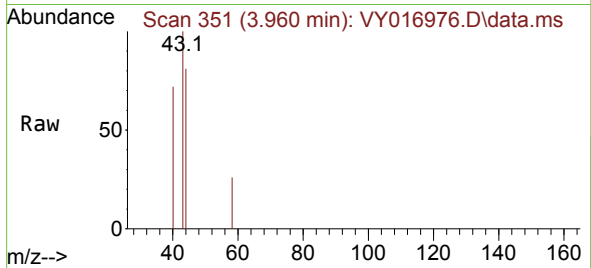




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

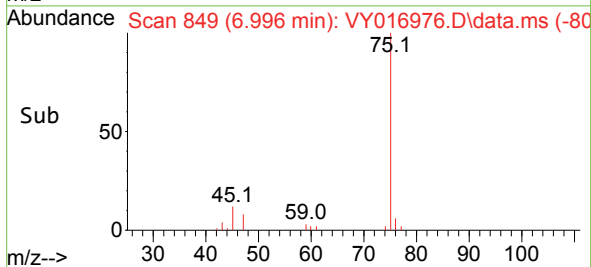
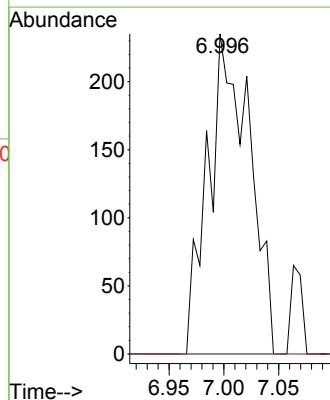
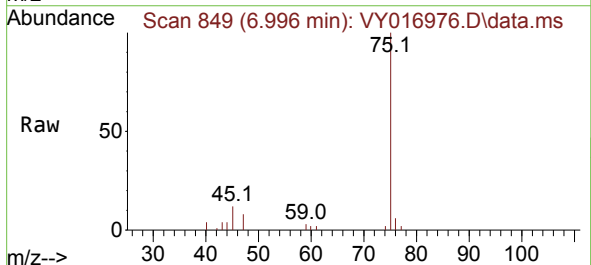
Instrument :
MSVOA_Y
ClientSampleId :

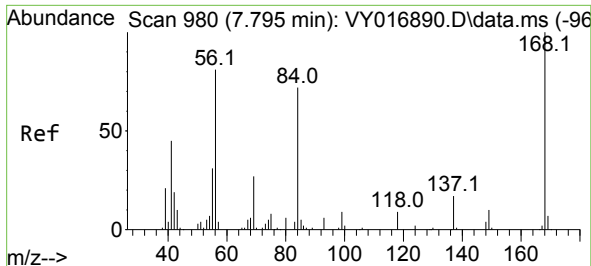
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 25.9 26.6 39.8#



#25
2-Butanone
Concen: Below Cal
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

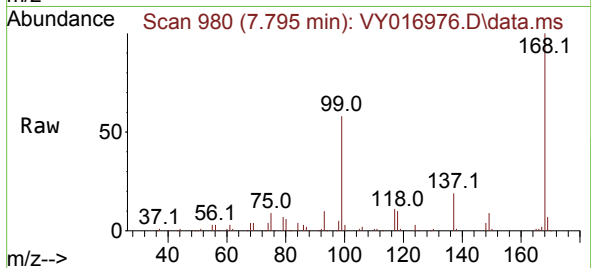
Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



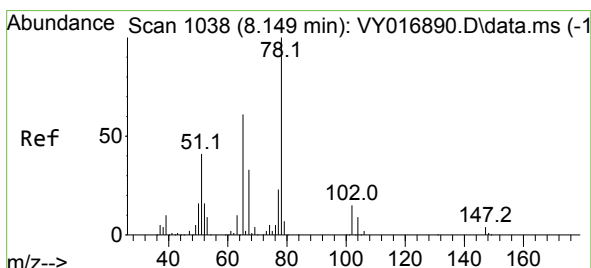
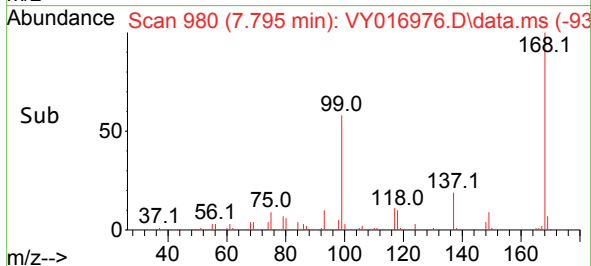
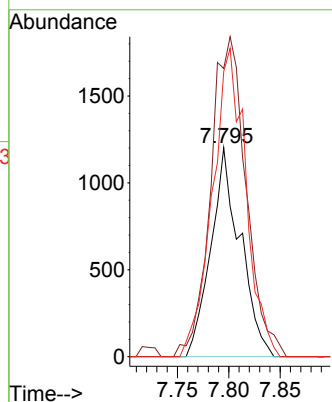


#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

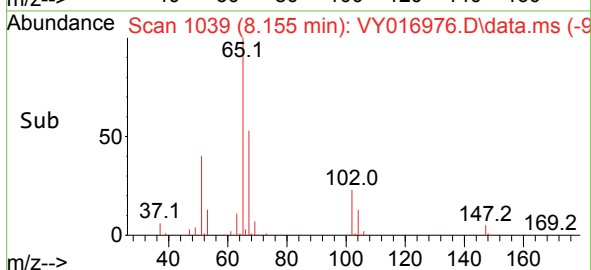
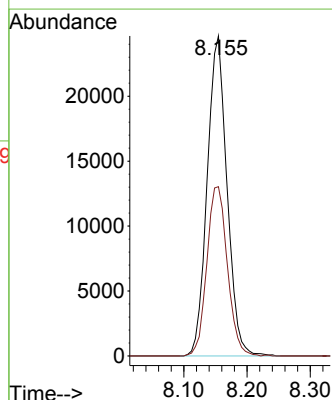
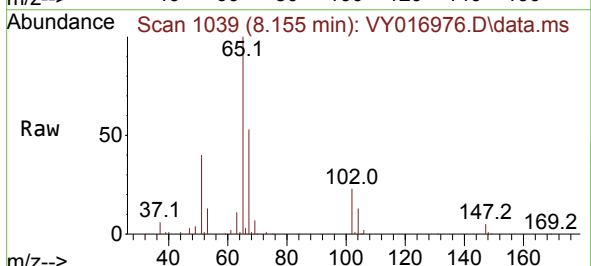


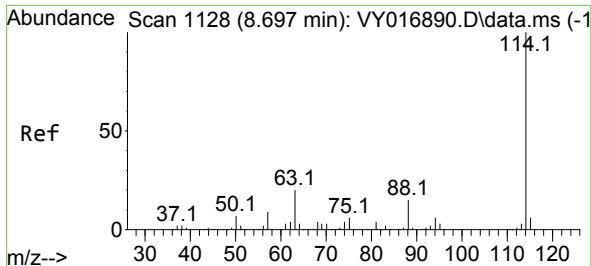
Tgt Ion: 56 Resp: 2393
Ion Ratio Lower Upper
56 100
69 132.6 27.0 40.6#
84 136.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 51.434 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Tgt Ion: 65 Resp: 53656
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0

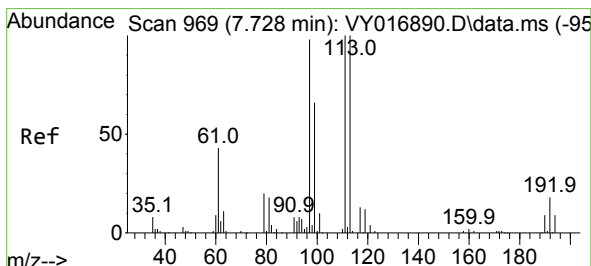
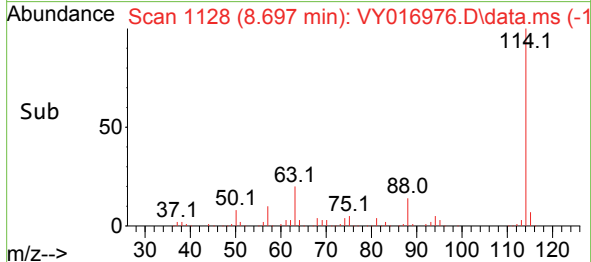
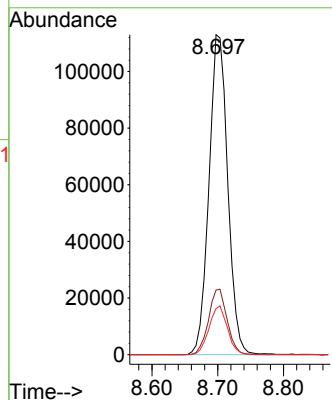
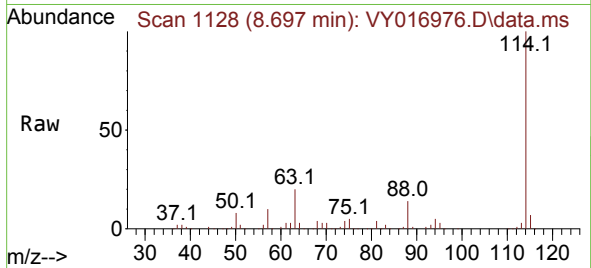




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

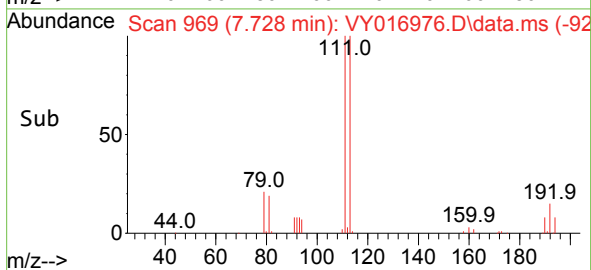
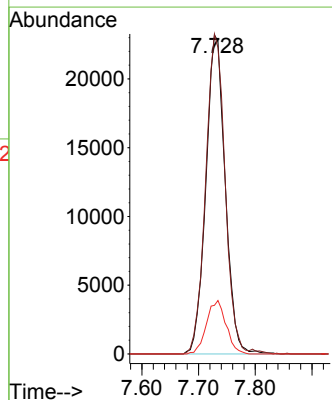
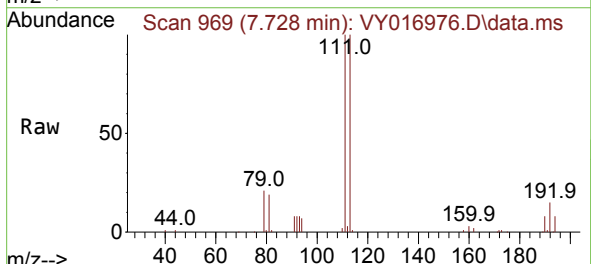
Instrument :
MSVOA_Y
ClientSampleId :

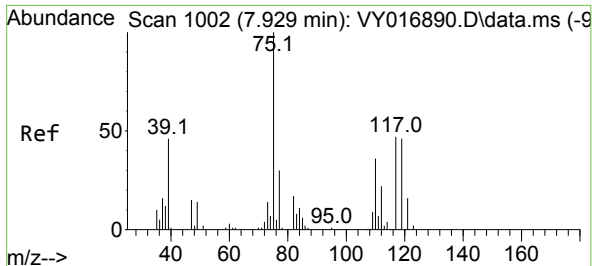
Tgt Ion:114 Resp: 224569
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.4 0.0 29.0



#35
Dibromofluoromethane
Concen: 38.327 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Tgt Ion:113 Resp: 54848
Ion Ratio Lower Upper
113 100
111 100.8 83.8 125.6
192 17.1 14.5 21.7

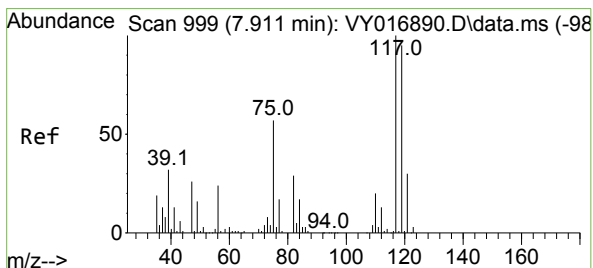
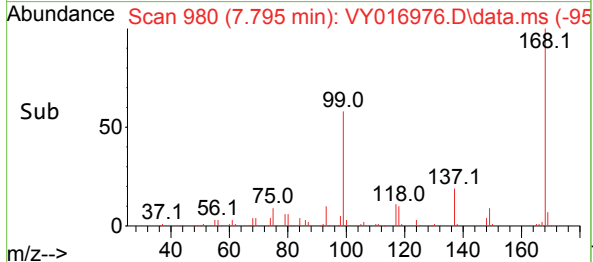
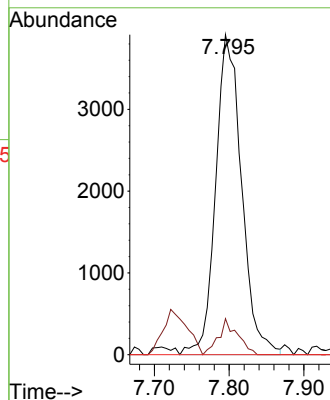
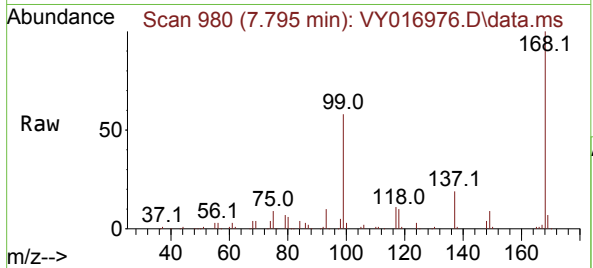




#36
 1,1-Dichloropropene
 Concen: 4.532 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY016976.D
 Acq: 10 Jan 2024 16:24

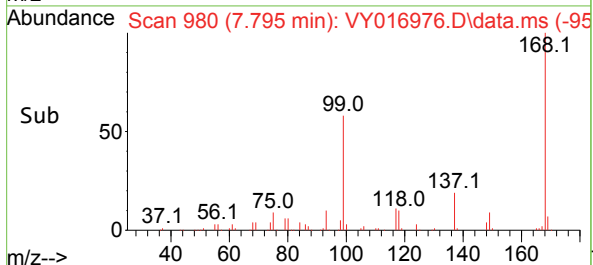
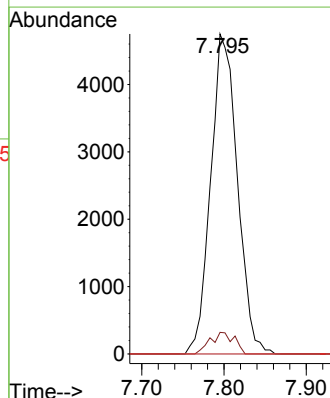
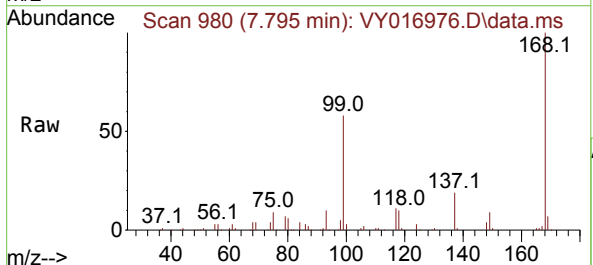
Instrument :
 MSVOA_Y
 ClientSampleId :

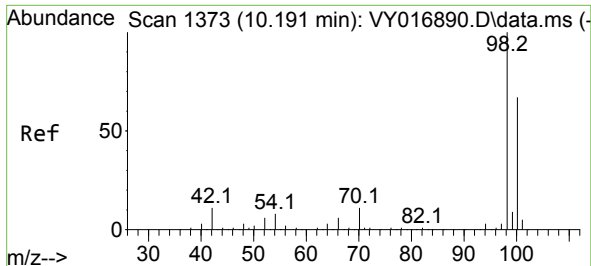
Tgt Ion: 75 Resp: 9451
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.050 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY016976.D
 Acq: 10 Jan 2024 16:24

Tgt Ion: 117 Resp: 10700
 Ion Ratio Lower Upper
 117 100
 119 6.7 76.0 114.0#
 121 0.0 24.2 36.2#

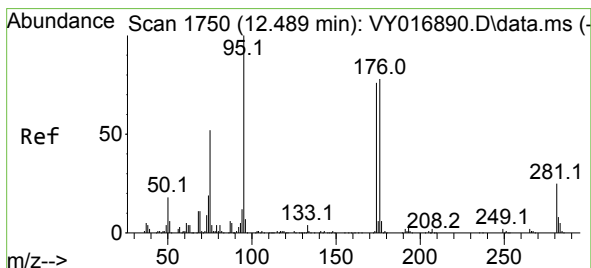
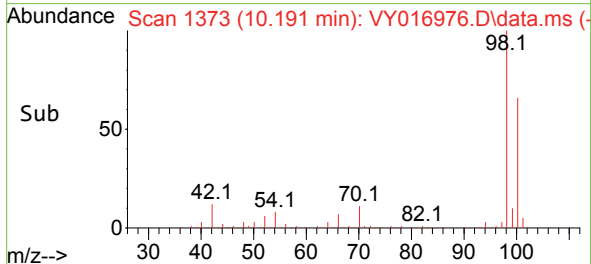
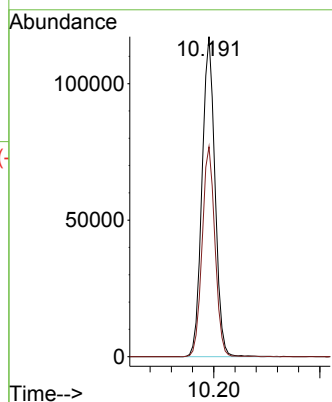
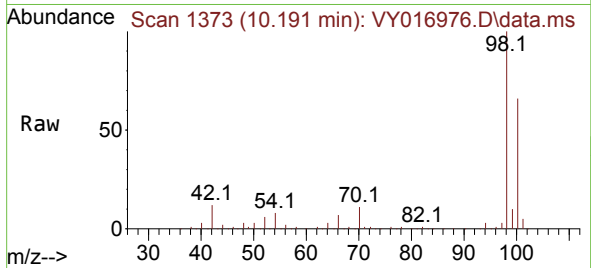




#50
Toluene-d8
Concen: 40.229 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

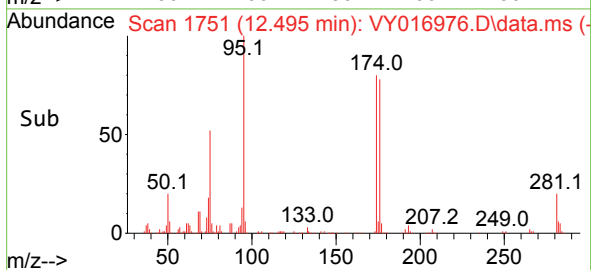
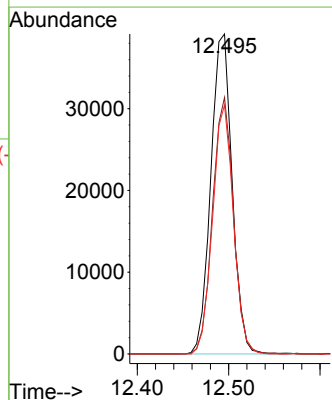
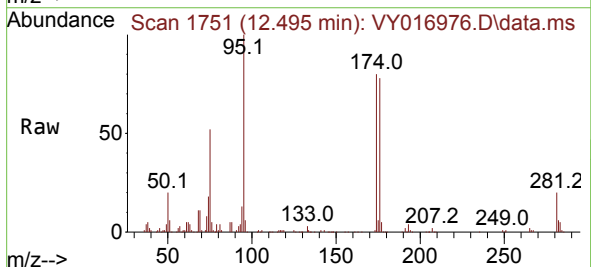
Instrument :
MSVOA_Y
ClientSampleId :

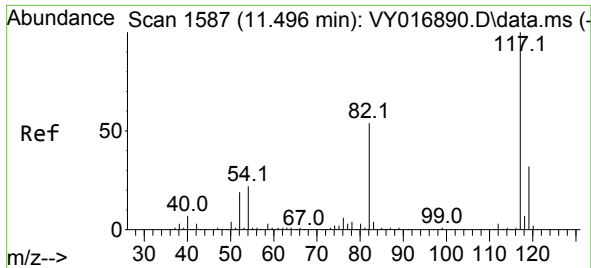
Tgt Ion: 98 Resp: 198241
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.085 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Tgt Ion: 95 Resp: 63320
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 75.9 0.0 151.8

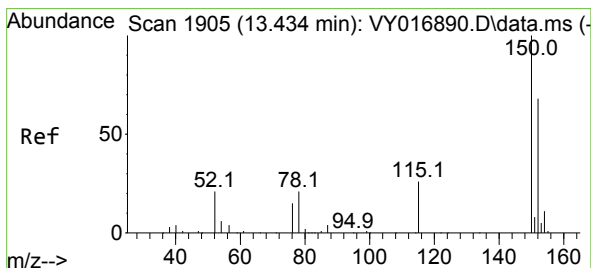
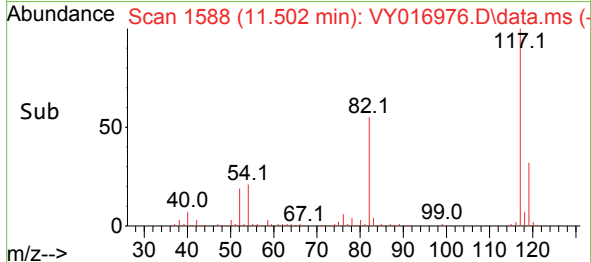
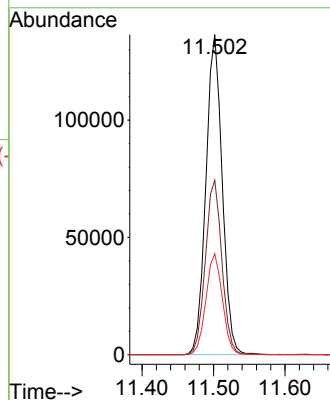
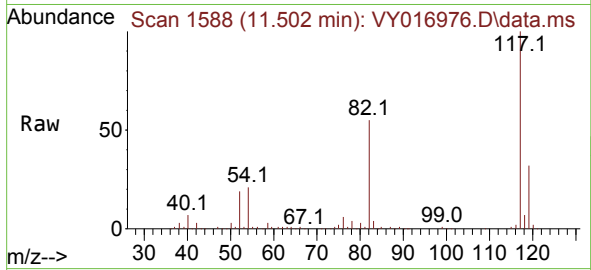




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

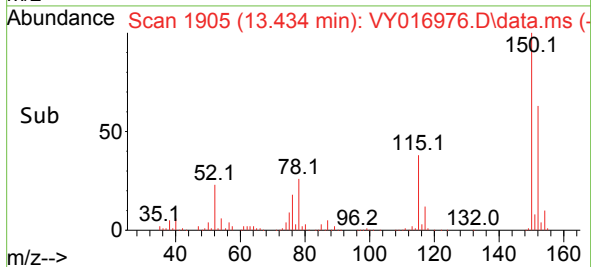
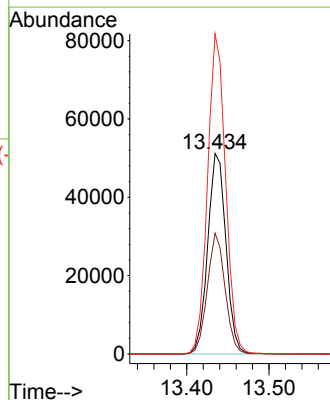
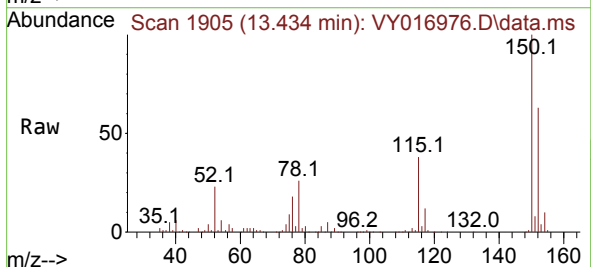
Instrument :
MSVOA_Y
ClientSampleId :

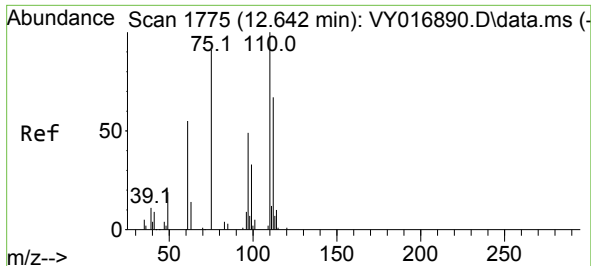
Tgt Ion:117 Resp: 216471
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Tgt Ion:152 Resp: 78921
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.0
150 157.6 0.0 344.6

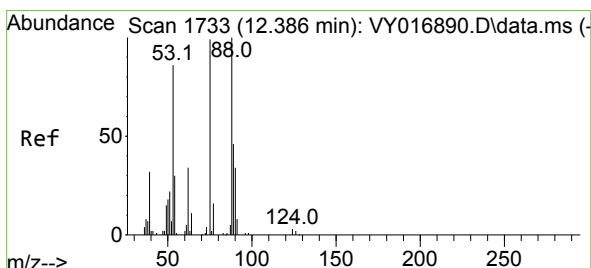
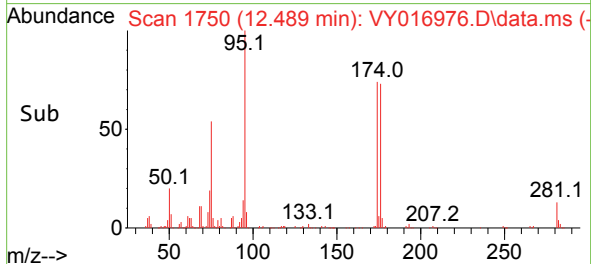
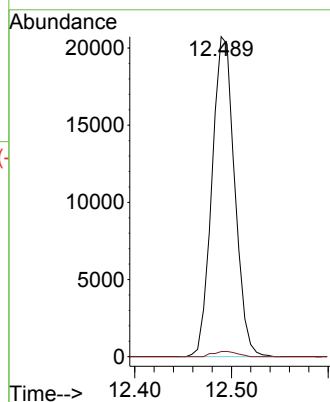
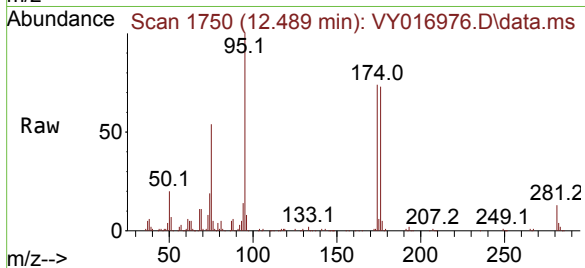




#76
1,2,3-Trichloropropane
Concen: 39.433 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33772
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.543 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Tgt Ion: 75 Resp: 33772
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

