

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016921.D
 Acq On : 05 Jan 2024 14:39
 Operator : SY/MD
 Sample : P1040-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:36:00 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)

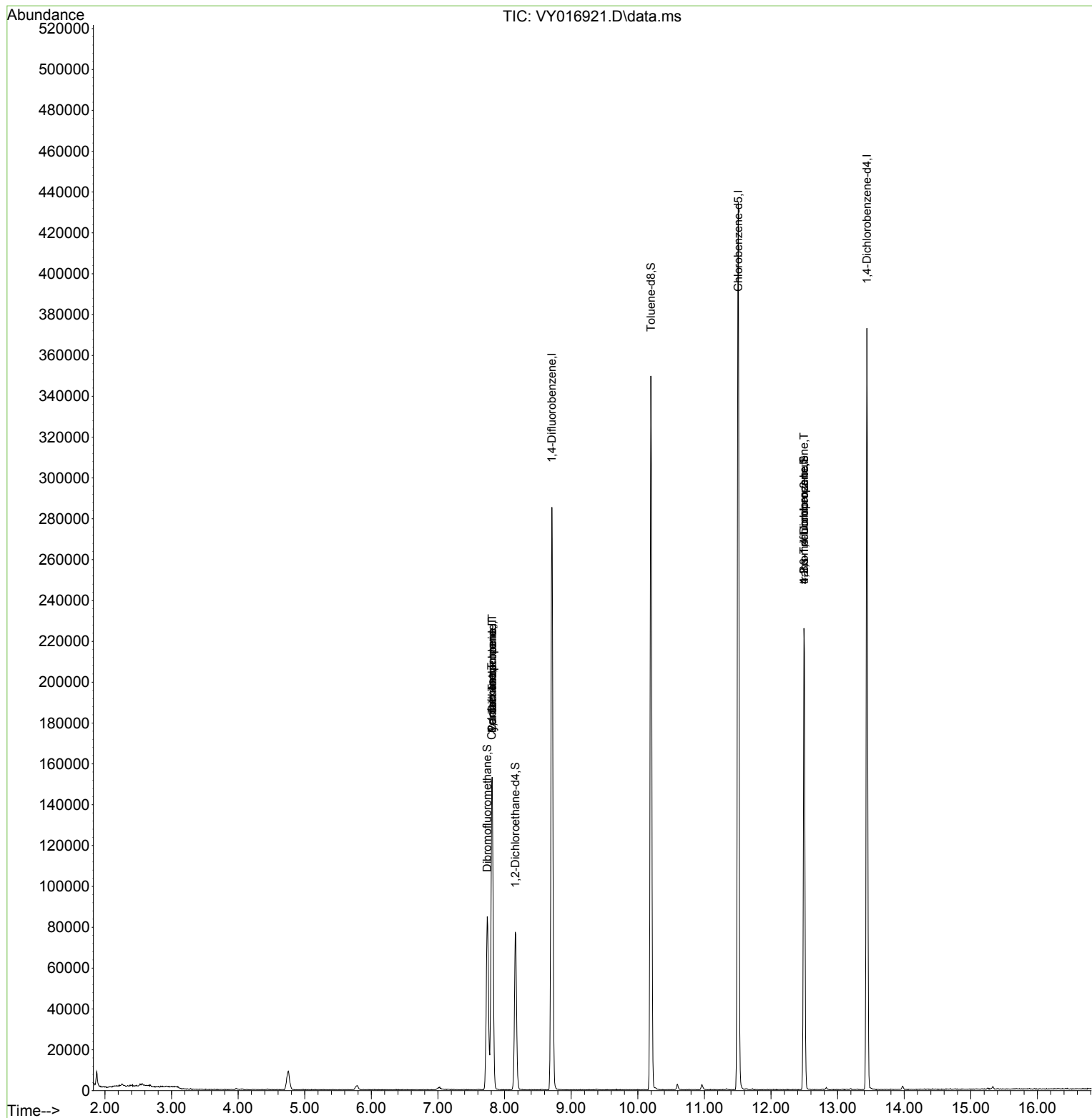
Internal Standards						
1) Pentafluorobenzene	7.813	168	116892	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	246389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	237516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	92476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	59012	51.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.160%	
35) Dibromofluoromethane	7.740	113	62271	39.661	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.320%	
50) Toluene-d8	10.197	98	224042	41.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.880%	
62) 4-Bromofluorobenzene	12.496	95	72083	39.517	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	56	Below Cal	#	75
16) Acetone	3.979	43	826	Below Cal		97
20) Methylene Chloride	4.753	84	6963	Below Cal	#	94
25) 2-Butanone	7.027	43	63	Below Cal	#	48
31) Cyclohexane	7.807	56	2496	1.259	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	9932	4.341	ug/l #	49
38) Carbon Tetrachloride	7.813	117	11834	5.090	ug/l #	16
76) 1,2,3-Trichloropropane	12.496	75	37504	37.372	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	37504	84.862	ug/l #	12

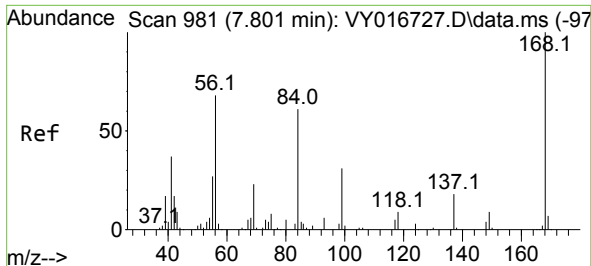
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
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Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
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Quant Time: Jan 05 22:36:00 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

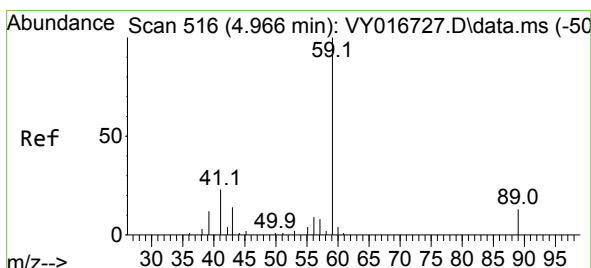
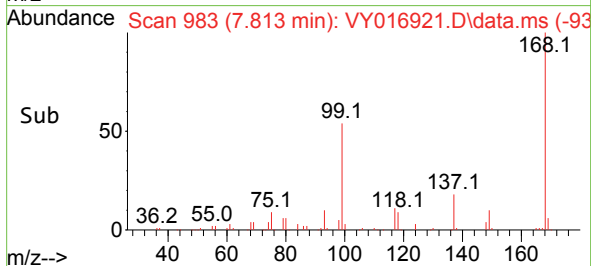
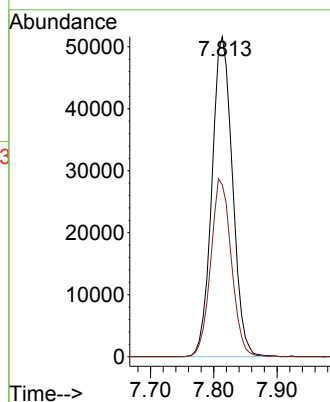
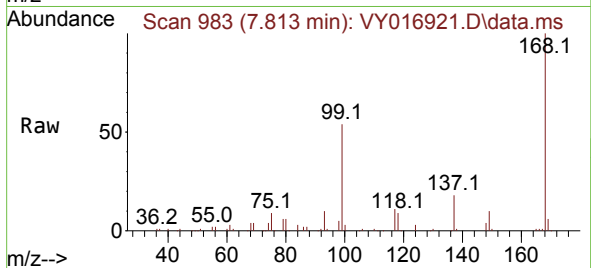




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

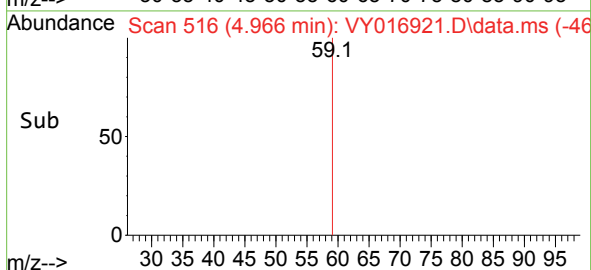
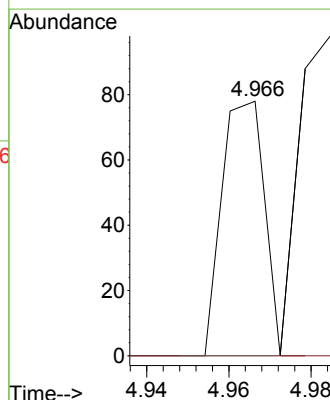
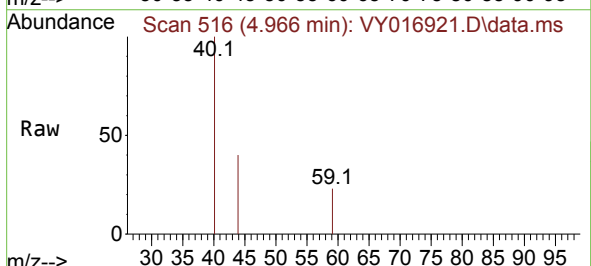
Instrument :
MSVOA_Y
ClientSampleId :

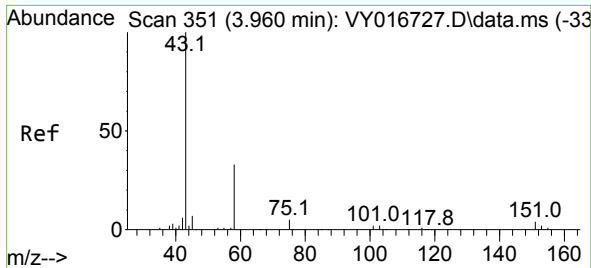
Tgt Ion:168 Resp: 116892
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

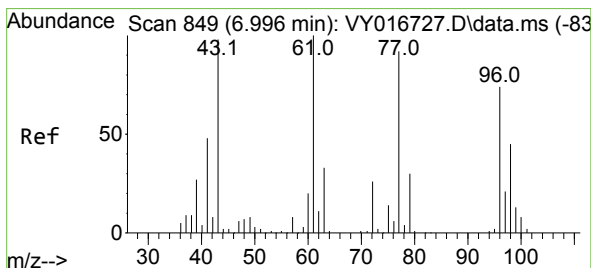
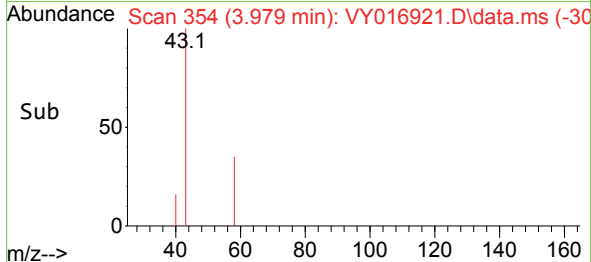
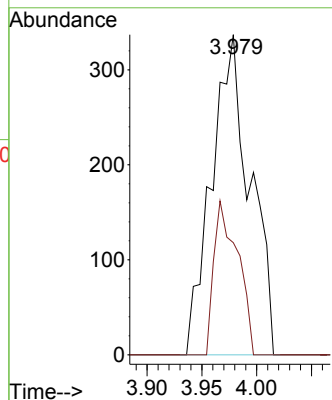
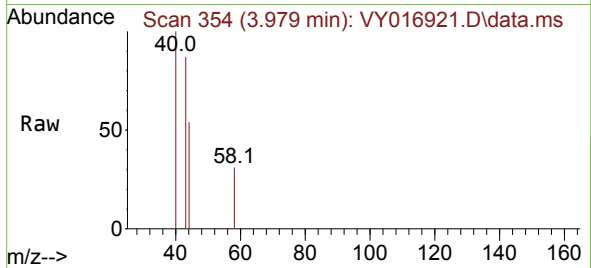




#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

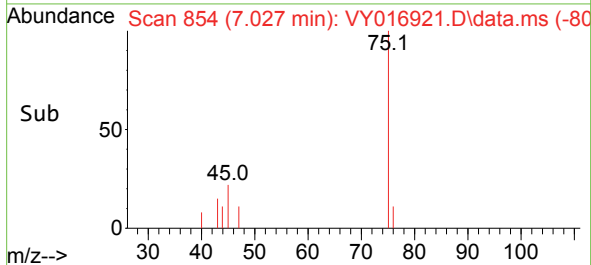
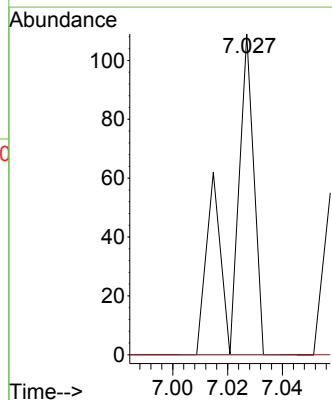
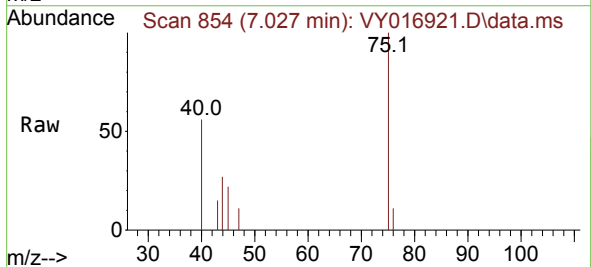
Instrument :
MSVOA_Y
ClientSampleId :

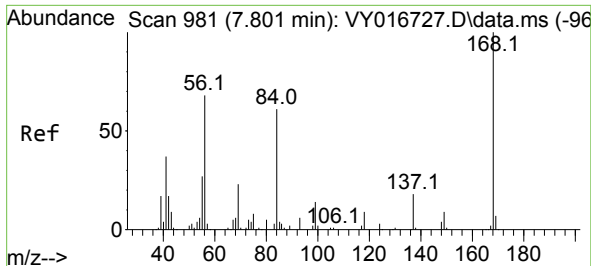
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 35.0 26.6 39.8



#25
2-Butanone
Concen: Below Cal
RT: 7.027 min Scan# 854
Delta R.T. 0.031 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#

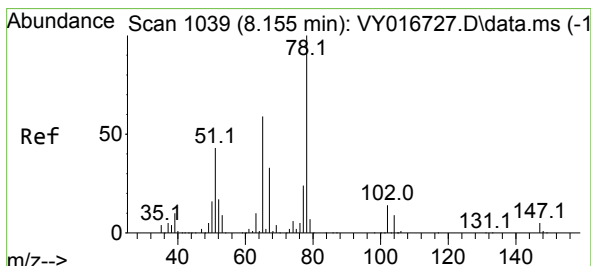
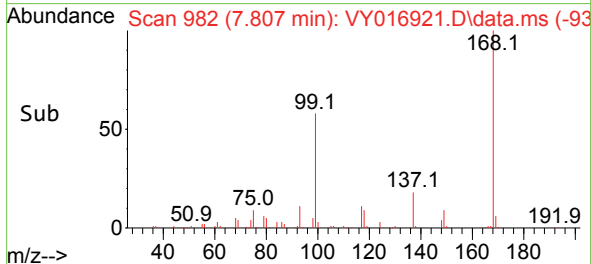
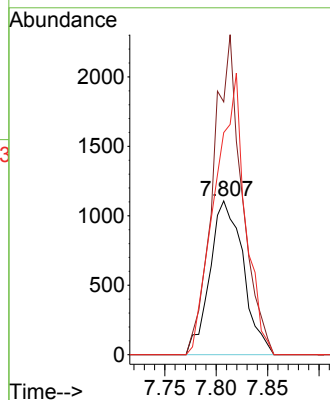
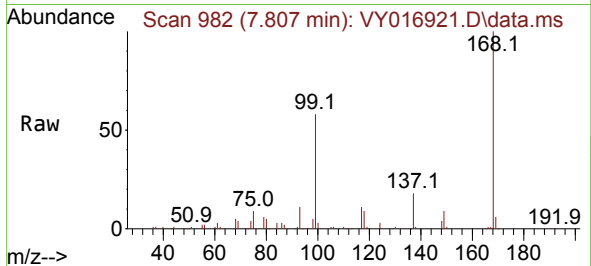




#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

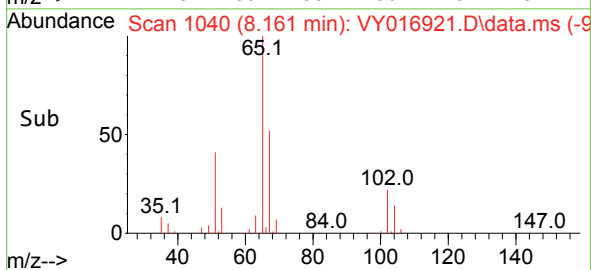
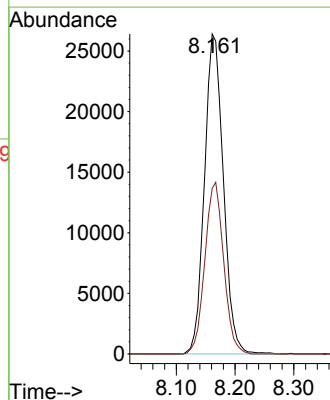
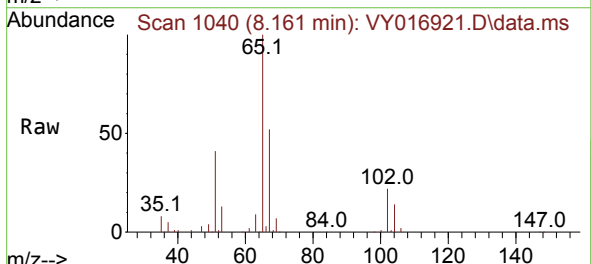
Instrument :
MSVOA_Y
ClientSampleId :

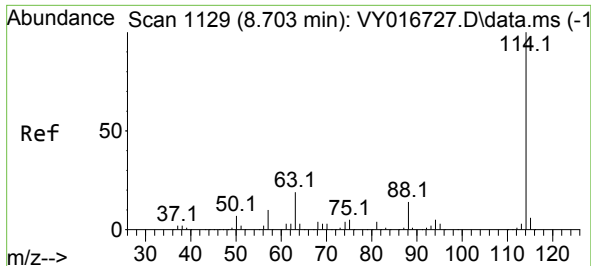
Tgt Ion: 56 Resp: 2496
Ion Ratio Lower Upper
56 100
69 164.4 27.0 40.6#
84 144.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 51.079 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

Tgt Ion: 65 Resp: 59012
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY016921.D

Acq: 05 Jan 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

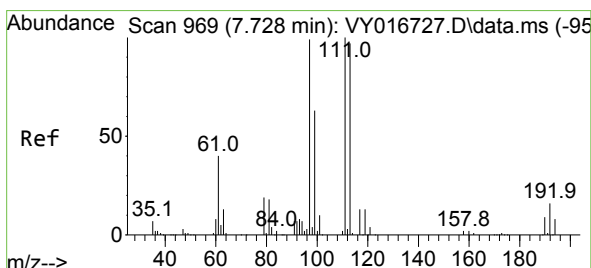
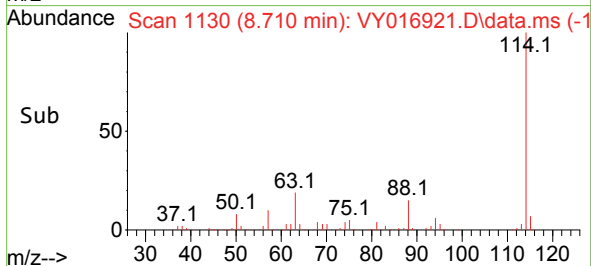
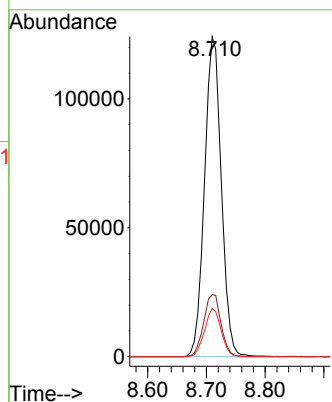
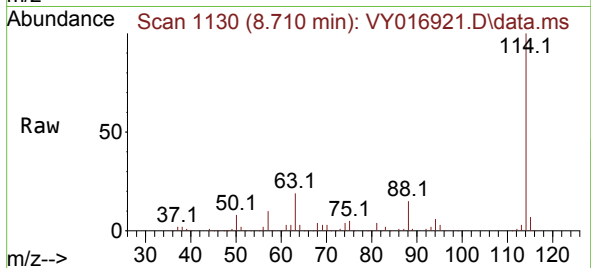
Tgt Ion:114 Resp: 246389

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.661 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016921.D

Acq: 05 Jan 2024 14:39

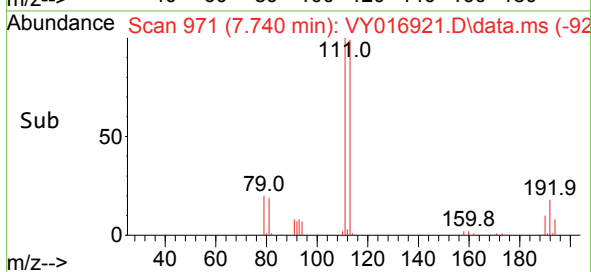
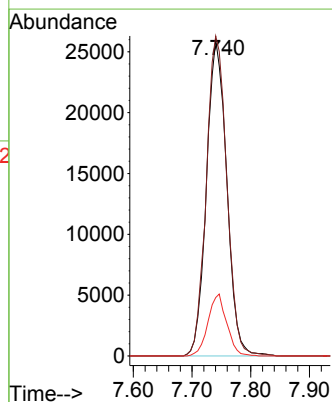
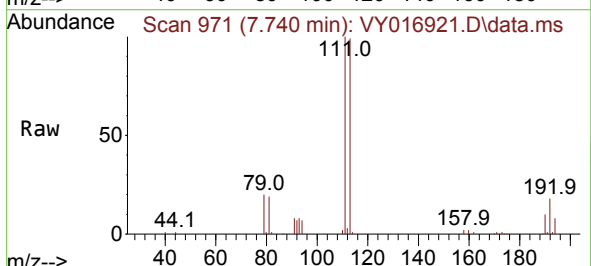
Tgt Ion:113 Resp: 62271

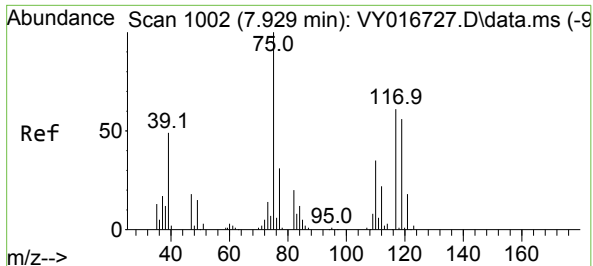
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

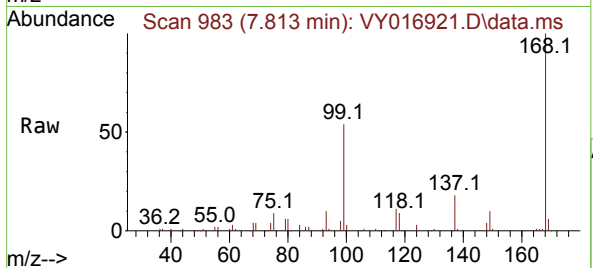
192 18.1 14.5 21.7



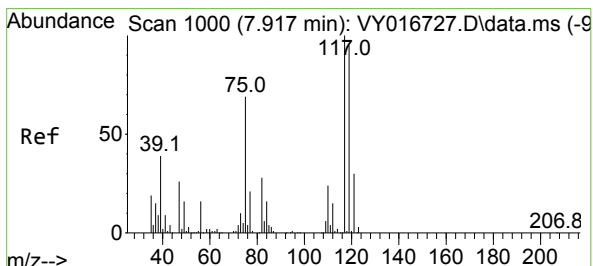
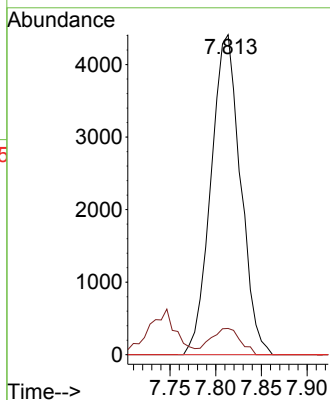
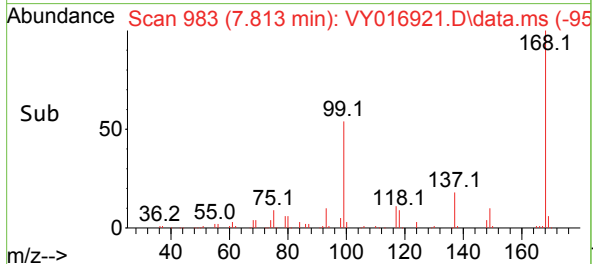


#36
1,1-Dichloropropene
Concen: 4.341 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

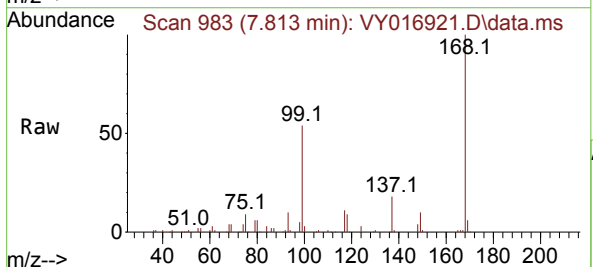
Instrument :
MSVOA_Y
ClientSampleId :



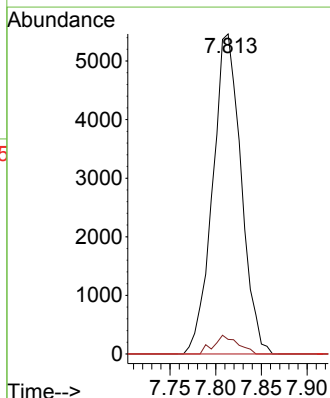
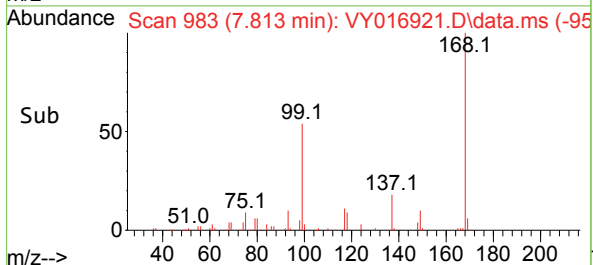
Tgt Ion: 75 Resp: 9932
Ion Ratio Lower Upper
75 100
110 8.3 17.4 52.3#
77 0.0 24.7 37.1#

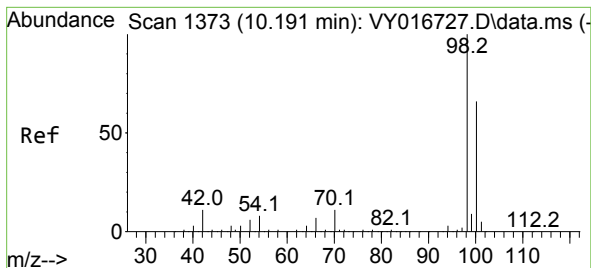


#38
Carbon Tetrachloride
Concen: 5.090 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39



Tgt Ion: 117 Resp: 11834
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 41.439 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016921.D

Acq: 05 Jan 2024 14:39

Instrument :

MSVOA_Y

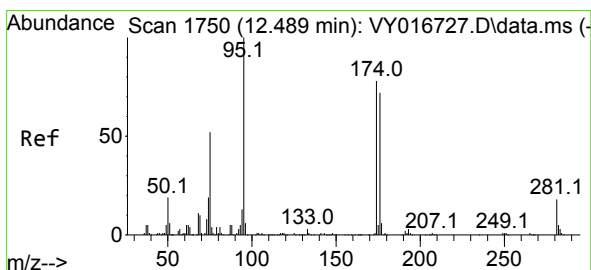
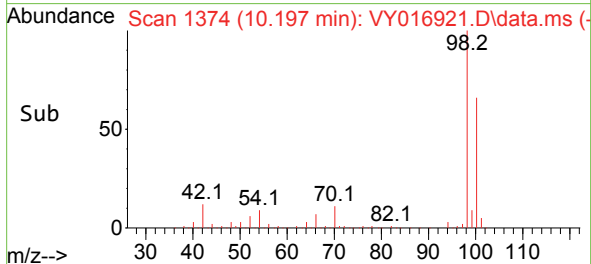
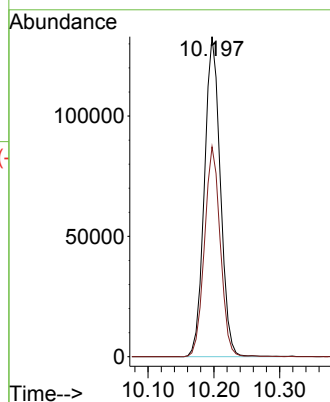
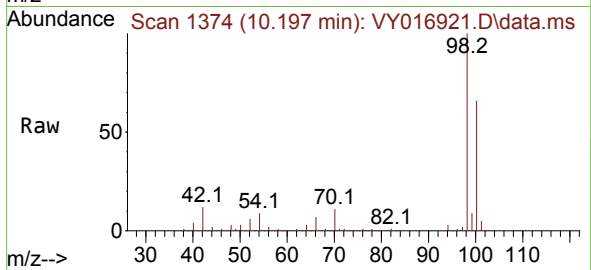
ClientSampleId :

Tgt Ion: 98 Resp: 224042

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 39.517 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016921.D

Acq: 05 Jan 2024 14:39

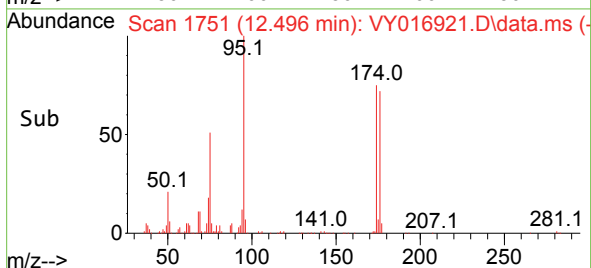
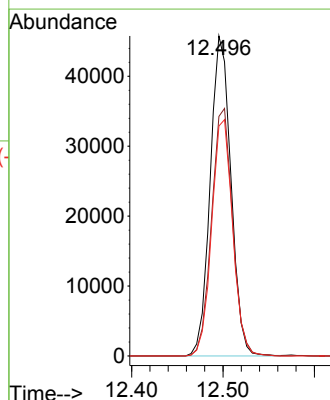
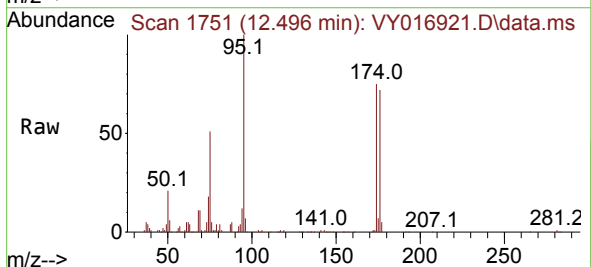
Tgt Ion: 95 Resp: 72083

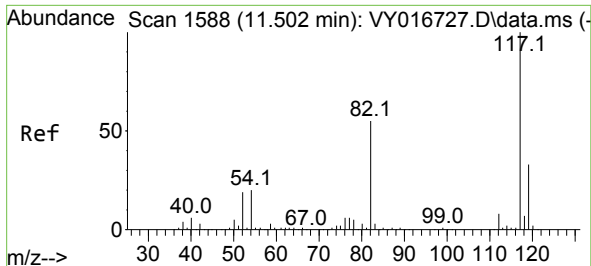
Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.0

176 74.9 0.0 151.8

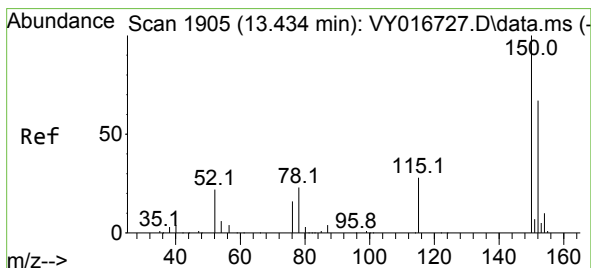
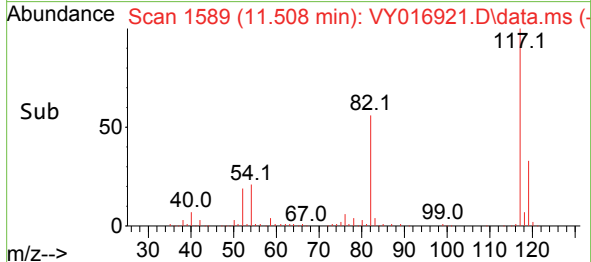
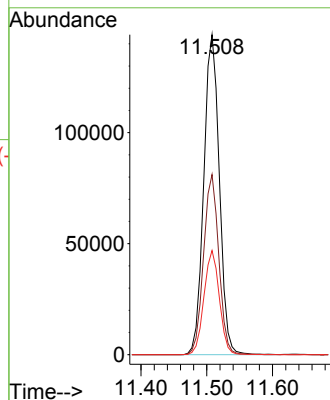
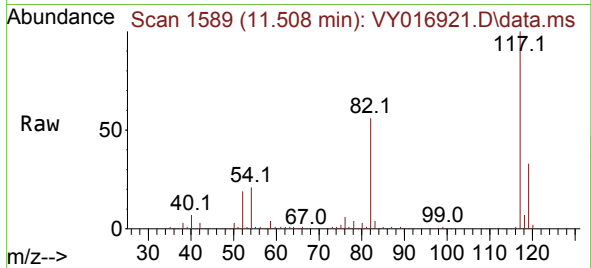




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

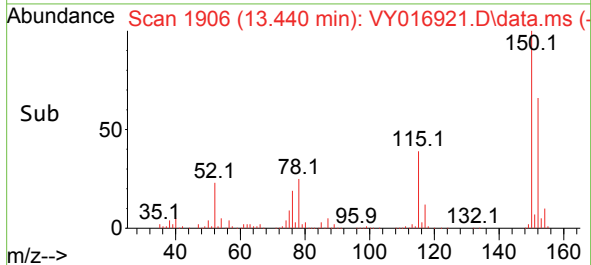
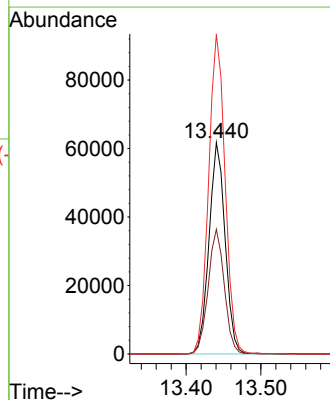
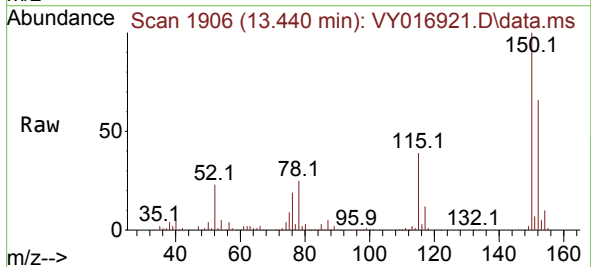
Instrument :
MSVOA_Y
ClientSampleId :

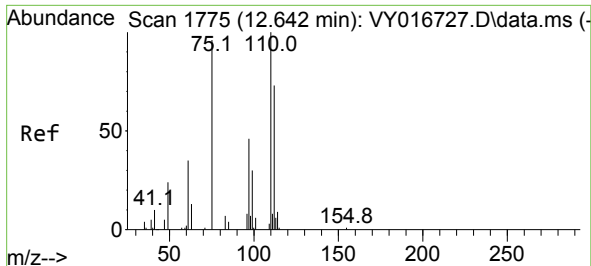
Tgt Ion:117 Resp: 237516
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

Tgt Ion:152 Resp: 92476
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 155.1 0.0 344.6

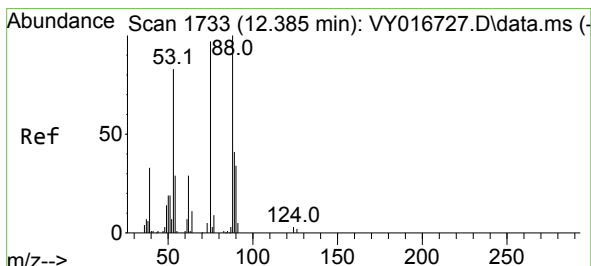
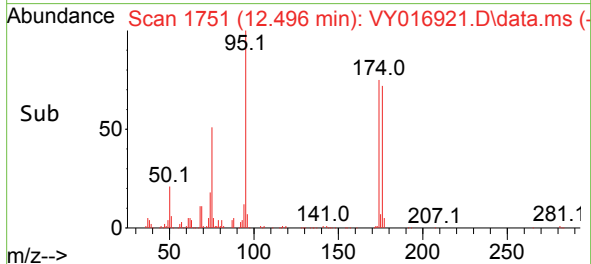
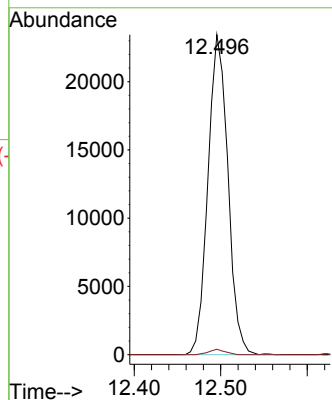
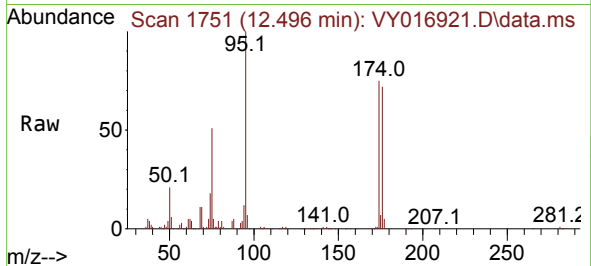




#76
1,2,3-Trichloropropane
Concen: 37.372 ug/l
RT: 12.496 min Scan# 1775
Delta R.T. -0.146 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37504
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.862 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.111 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

Tgt Ion: 75 Resp: 37504
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

