

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016932.D
 Acq On : 08 Jan 2024 13:18
 Operator : SY/MD
 Sample : P1056-01
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 06:35:19 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)

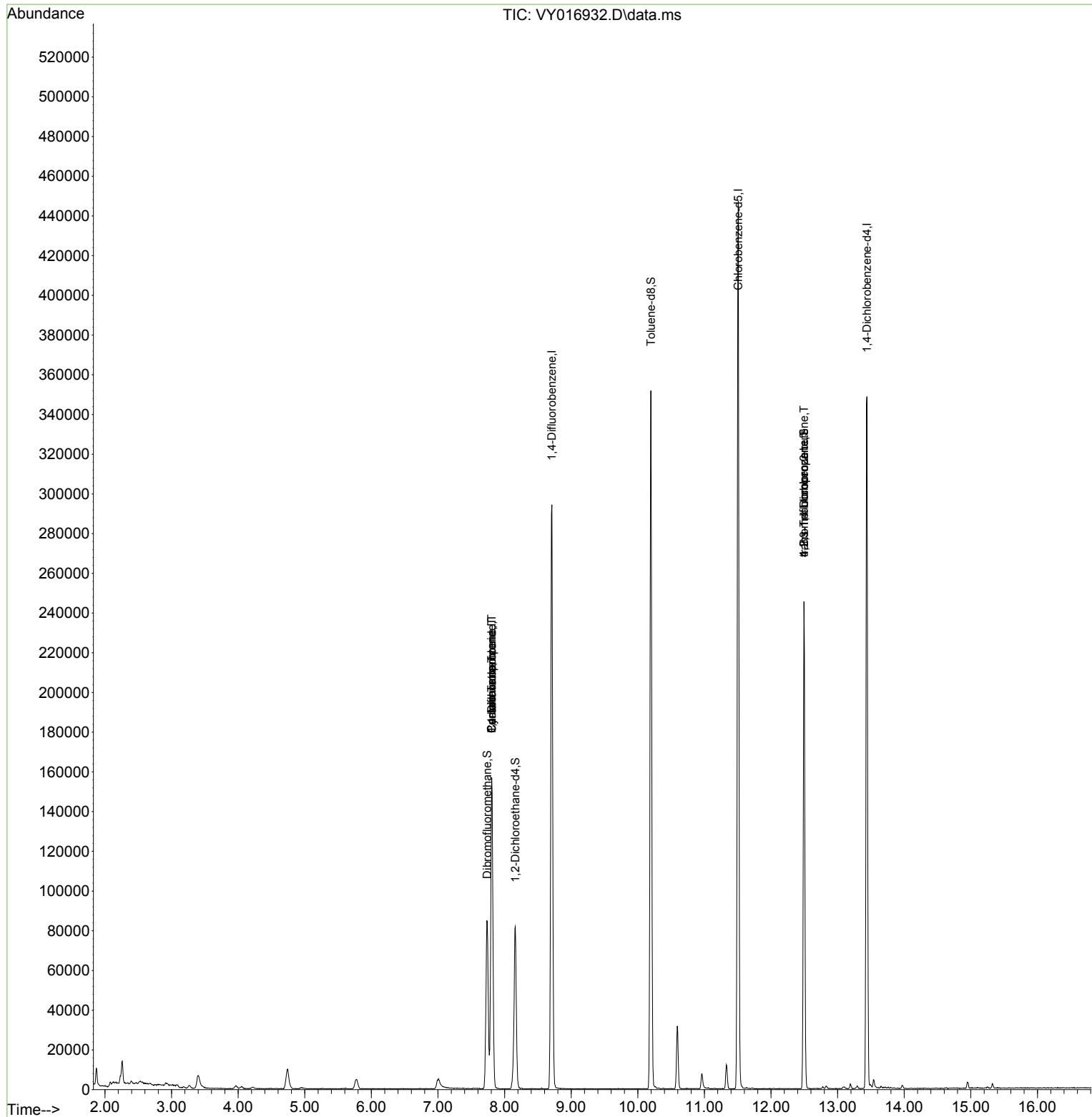
Internal Standards						
1) Pentafluorobenzene	7.807	168	119846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	254722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	245432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	90706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	59909	50.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.160%	
35) Dibromofluoromethane	7.740	113	62237	38.343	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.680%	
50) Toluene-d8	10.197	98	230197	41.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.360%	
62) 4-Bromofluorobenzene	12.495	95	72436	38.411	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	20	Below Cal	#	40
11) Tert butyl alcohol	4.960	59	753	Below Cal	#	75
16) Acetone	3.966	43	2669	Below Cal		91
20) Methylene Chloride	4.741	84	7386	Below Cal		91
25) 2-Butanone	7.015	43	650	Below Cal	#	48
31) Cyclohexane	7.807	56	2694	1.325	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	10459	4.421	ug/l #	49
38) Carbon Tetrachloride	7.807	117	12067	5.021	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	38120	38.727	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	38120	87.939	ug/l #	12

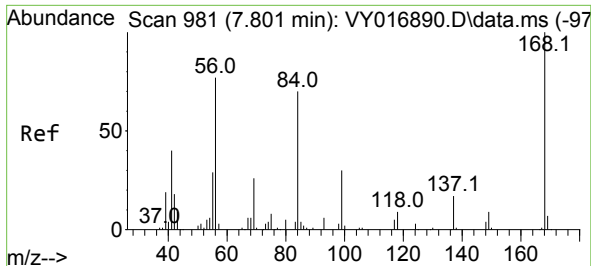
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
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Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

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MSVOA_Y
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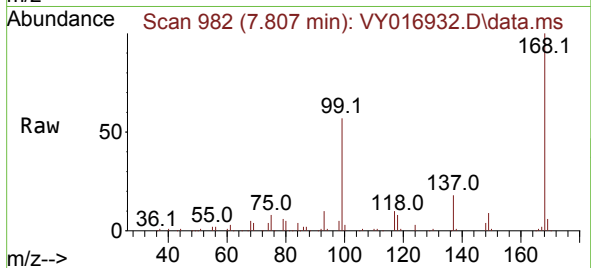
Quant Time: Jan 09 06:35:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



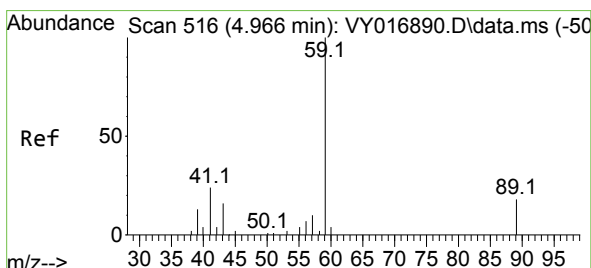
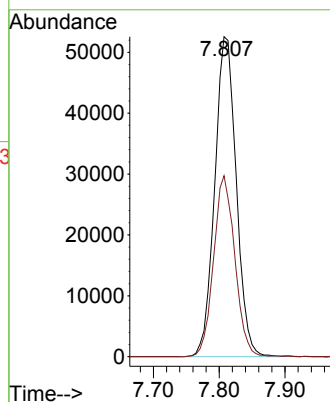
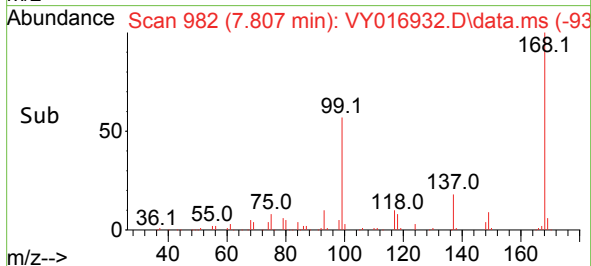


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :

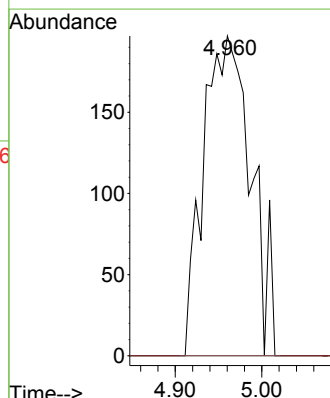
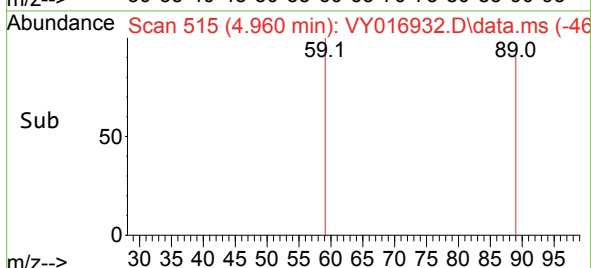
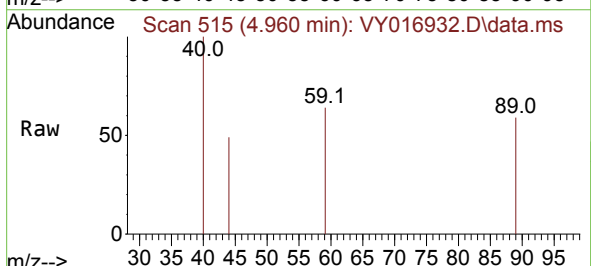


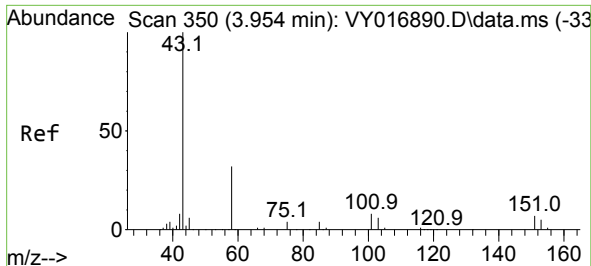
Tgt Ion:168 Resp: 119846
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

Tgt Ion: 59 Resp: 753
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.966 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY016932.D

Acq: 08 Jan 2024 13:18

Instrument :

MSVOA_Y

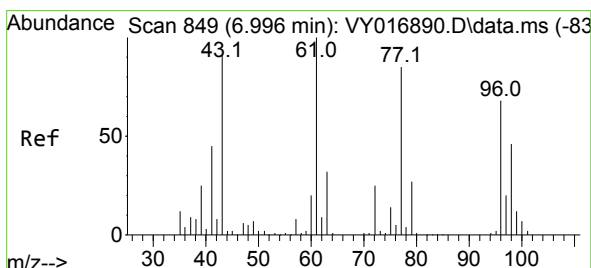
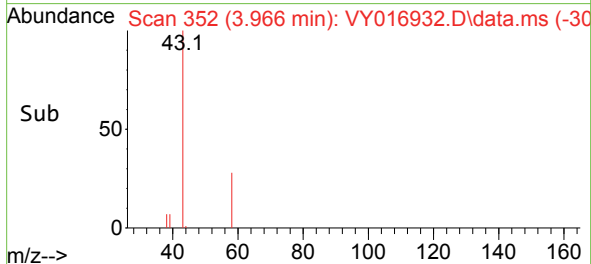
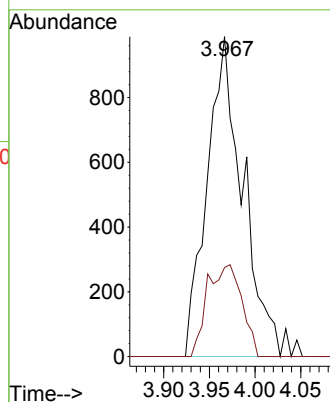
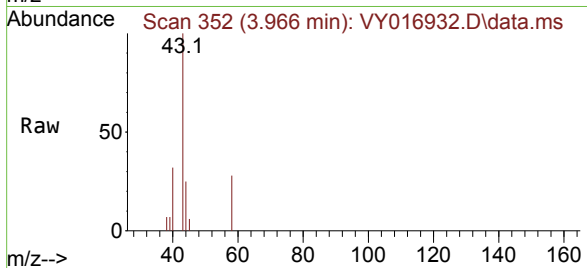
ClientSampleId :

Tgt Ion: 43 Resp: 2669

Ion Ratio Lower Upper

43 100

58 27.8 26.6 39.8



#25

2-Butanone

Concen: Below Cal

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016932.D

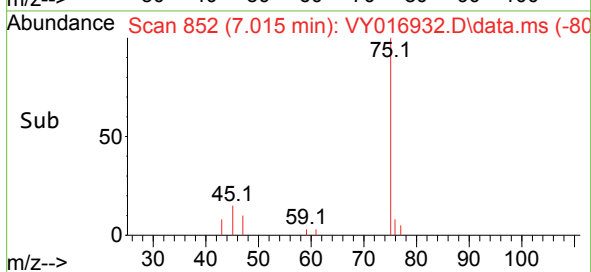
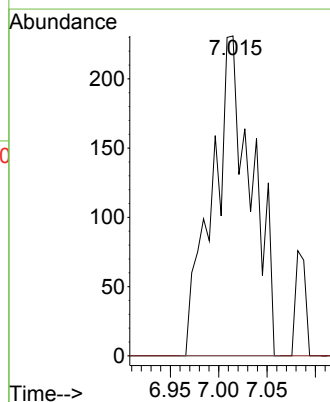
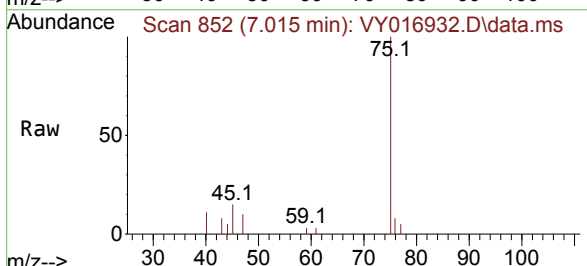
Acq: 08 Jan 2024 13:18

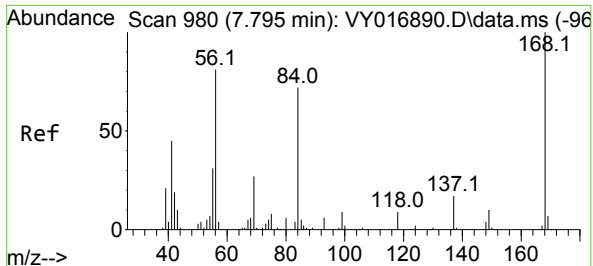
Tgt Ion: 43 Resp: 650

Ion Ratio Lower Upper

43 100

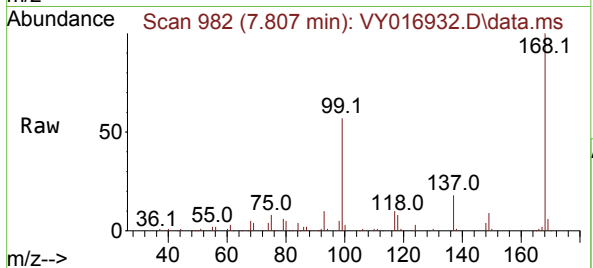
72 0.0 21.4 32.2#



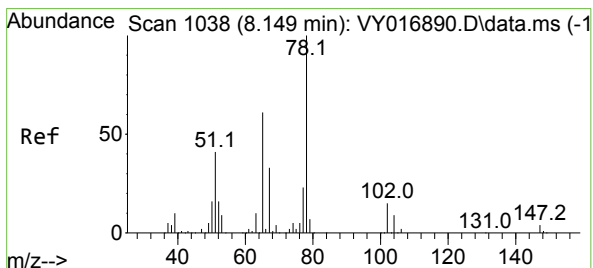
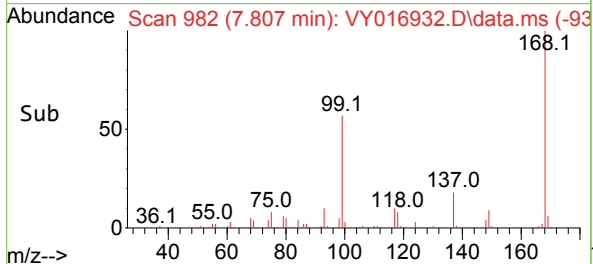
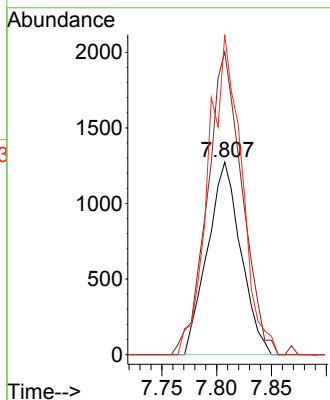


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :

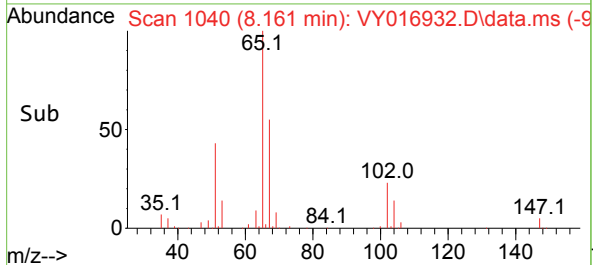
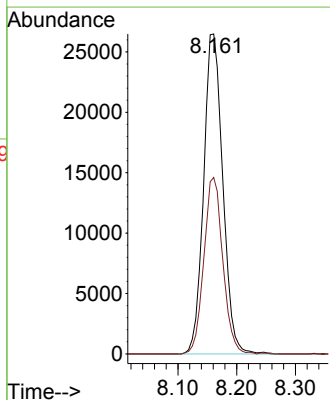
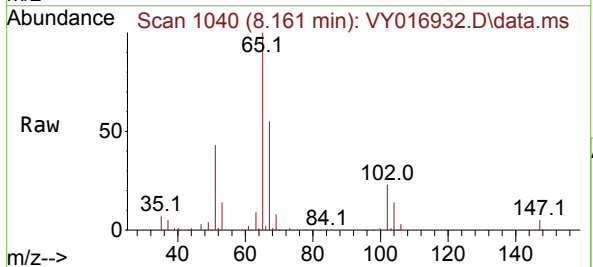


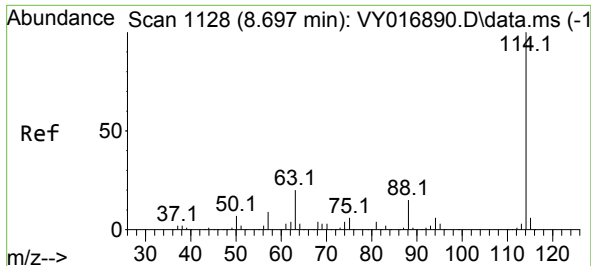
Tgt Ion: 56 Resp: 2694
Ion Ratio Lower Upper
56 100
69 157.4 27.0 40.6#
84 166.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 50.577 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

Tgt Ion: 65 Resp: 59909
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016932.D

Acq: 08 Jan 2024 13:18

Instrument :

MSVOA_Y

ClientSampleId :

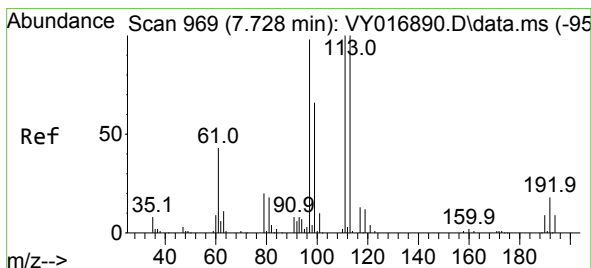
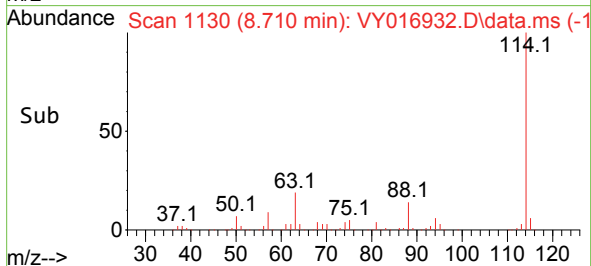
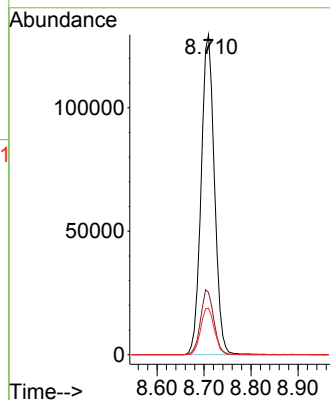
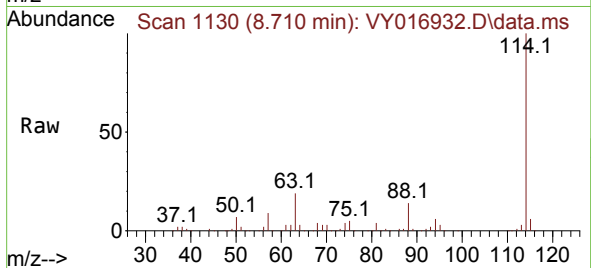
Tgt Ion:114 Resp: 254722

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.343 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016932.D

Acq: 08 Jan 2024 13:18

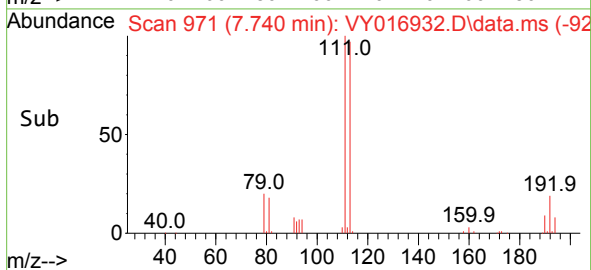
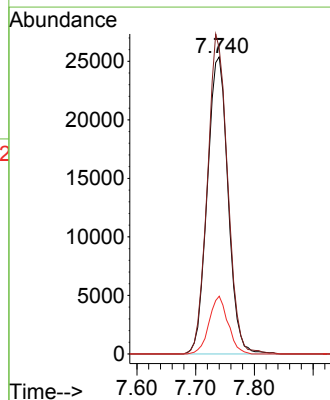
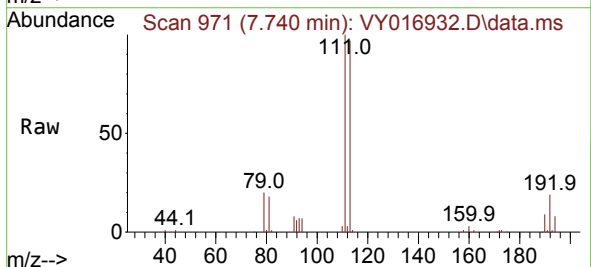
Tgt Ion:113 Resp: 62237

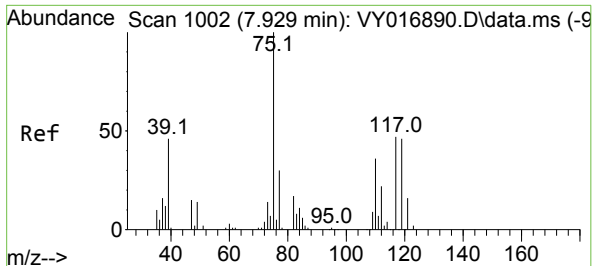
Ion Ratio Lower Upper

113 100

111 105.1 83.8 125.6

192 17.7 14.5 21.7

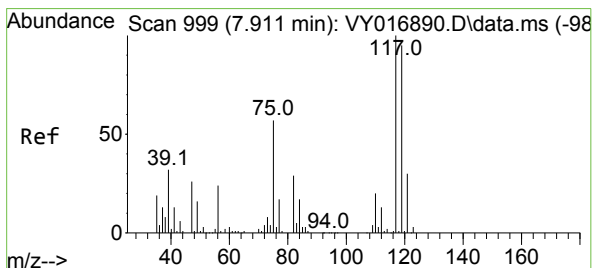
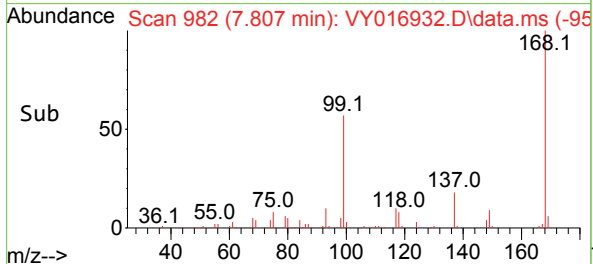
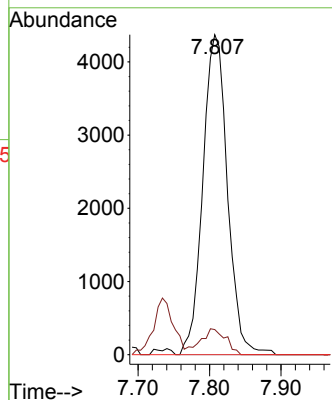
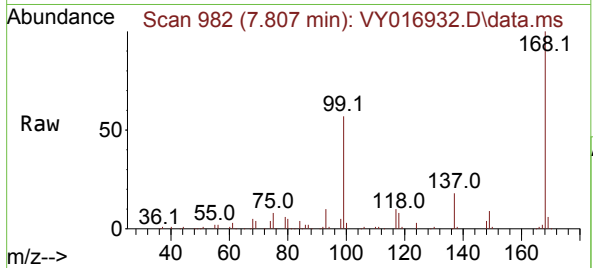




#36
1,1-Dichloropropene
Concen: 4.421 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

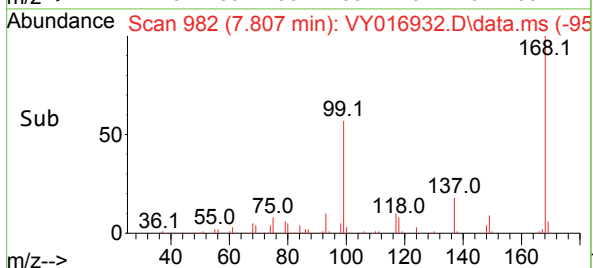
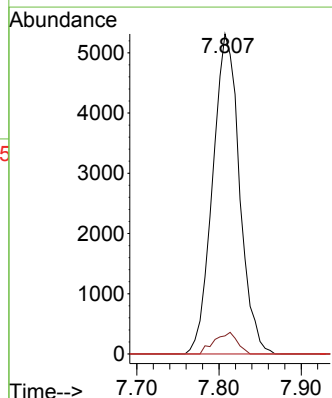
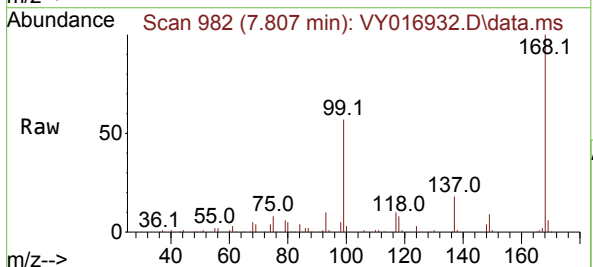
Instrument :
MSVOA_Y
ClientSampleId :

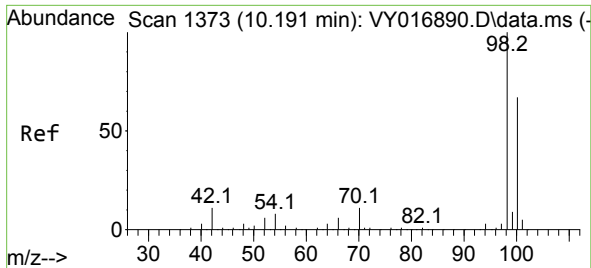
Tgt Ion: 75 Resp: 10459
Ion Ratio Lower Upper
75 100
110 7.6 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.021 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

Tgt Ion: 117 Resp: 12067
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.2 36.2#

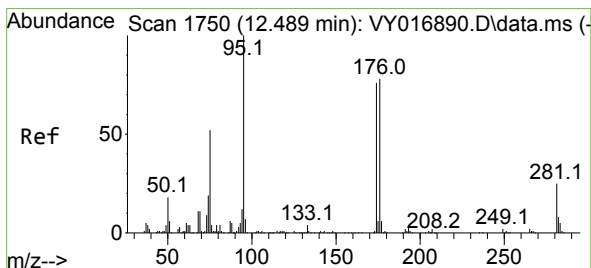
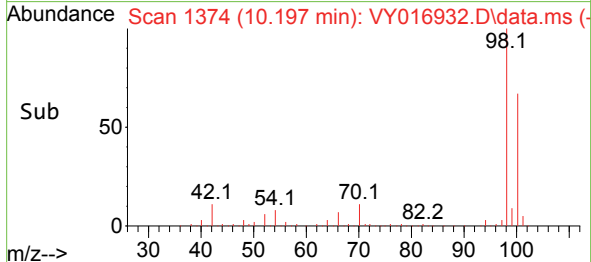
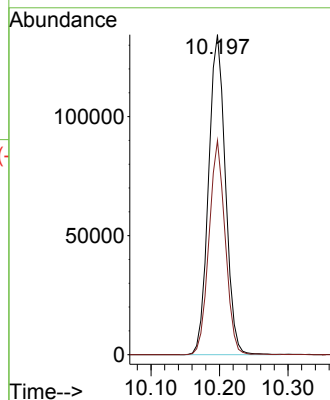
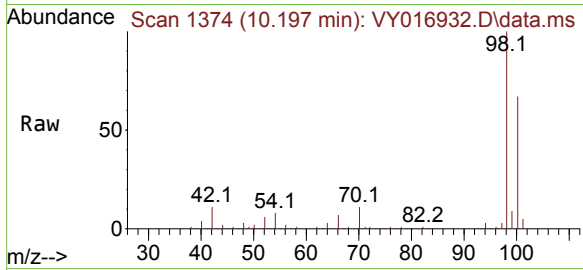




#50
Toluene-d8
Concen: 41.184 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

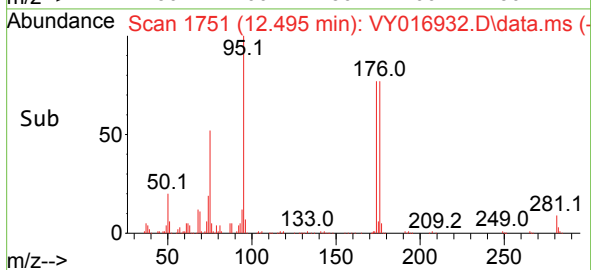
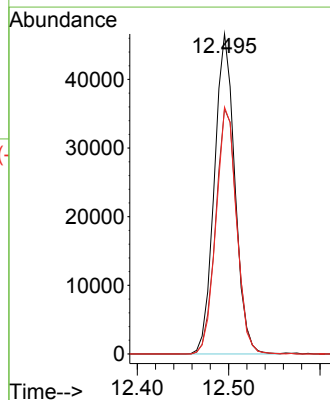
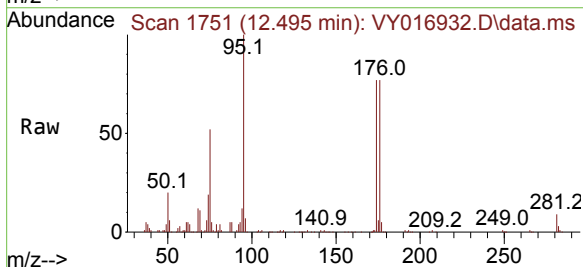
Instrument :
MSVOA_Y
ClientSampleId :

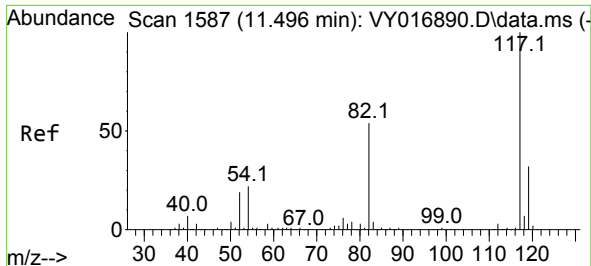
Tgt Ion: 98 Resp: 230197
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.411 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

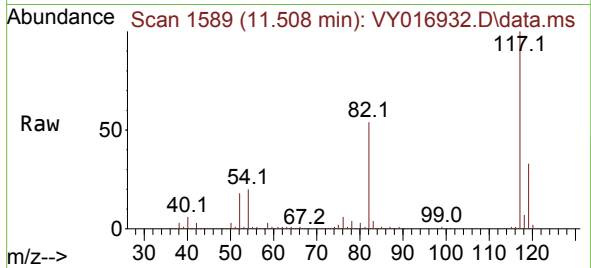
Tgt Ion: 95 Resp: 72436
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 77.3 0.0 151.8



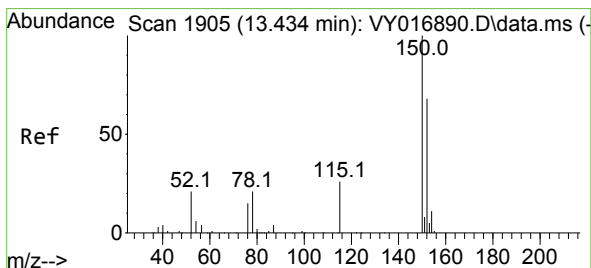
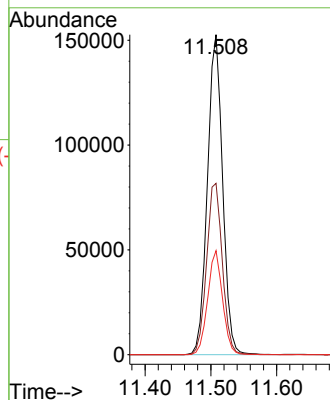
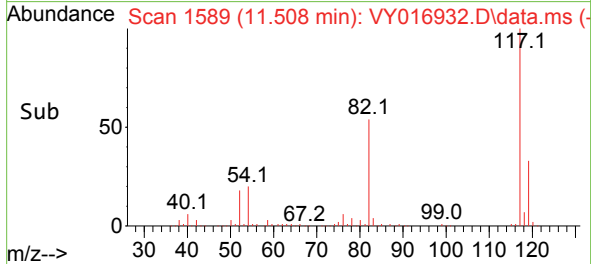


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

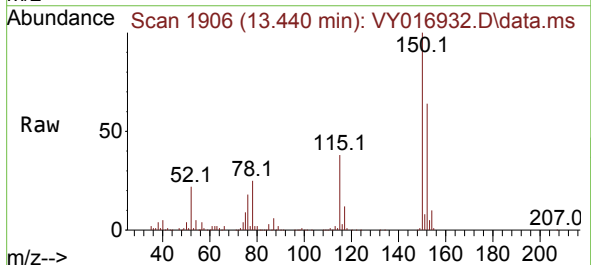
Instrument :
MSVOA_Y
ClientSampleId :



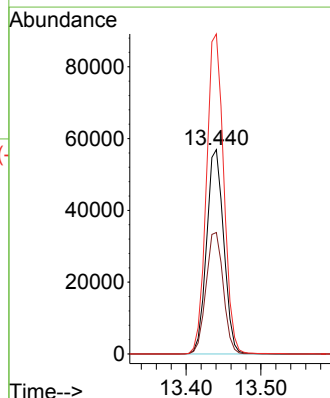
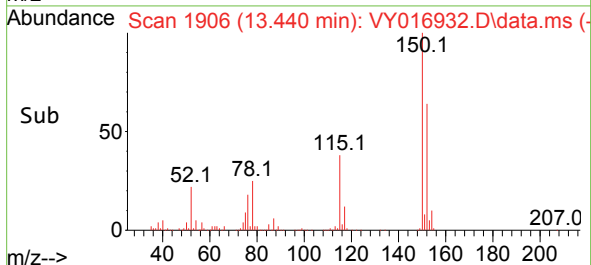
Tgt Ion:117 Resp: 245432
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 32.5 26.5 39.7

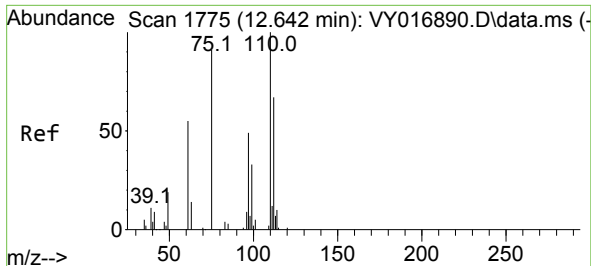


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18



Tgt Ion:152 Resp: 90706
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 158.0 0.0 344.6

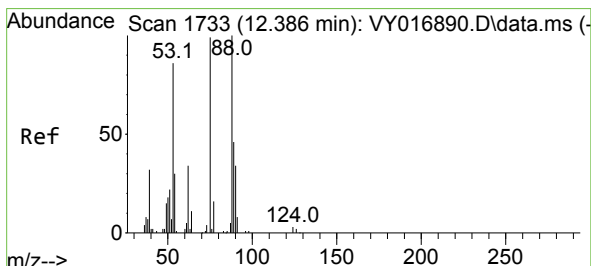
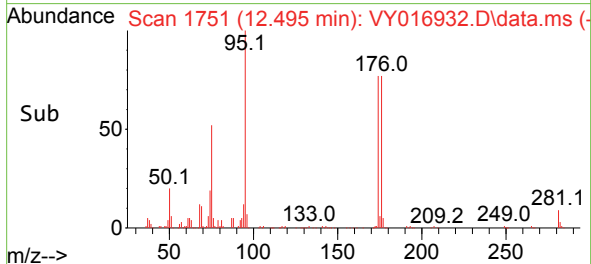
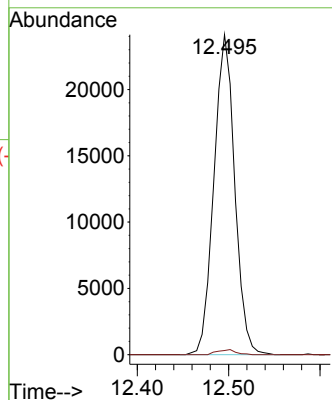
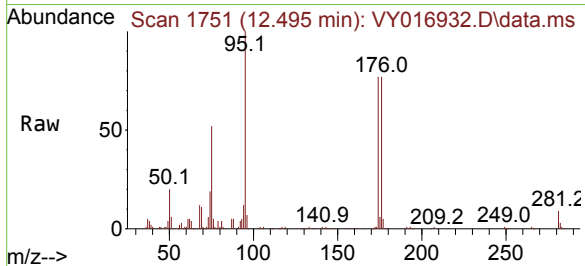




#76
1,2,3-Trichloropropane
Concen: 38.727 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38120
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.939 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016932.D
Acq: 08 Jan 2024 13:18

Tgt Ion: 75 Resp: 38120
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.0 36.5 54.7#

