

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016933.D
 Acq On : 08 Jan 2024 13:42
 Operator : SY/MD
 Sample : P1056-03
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 06:35:38 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)

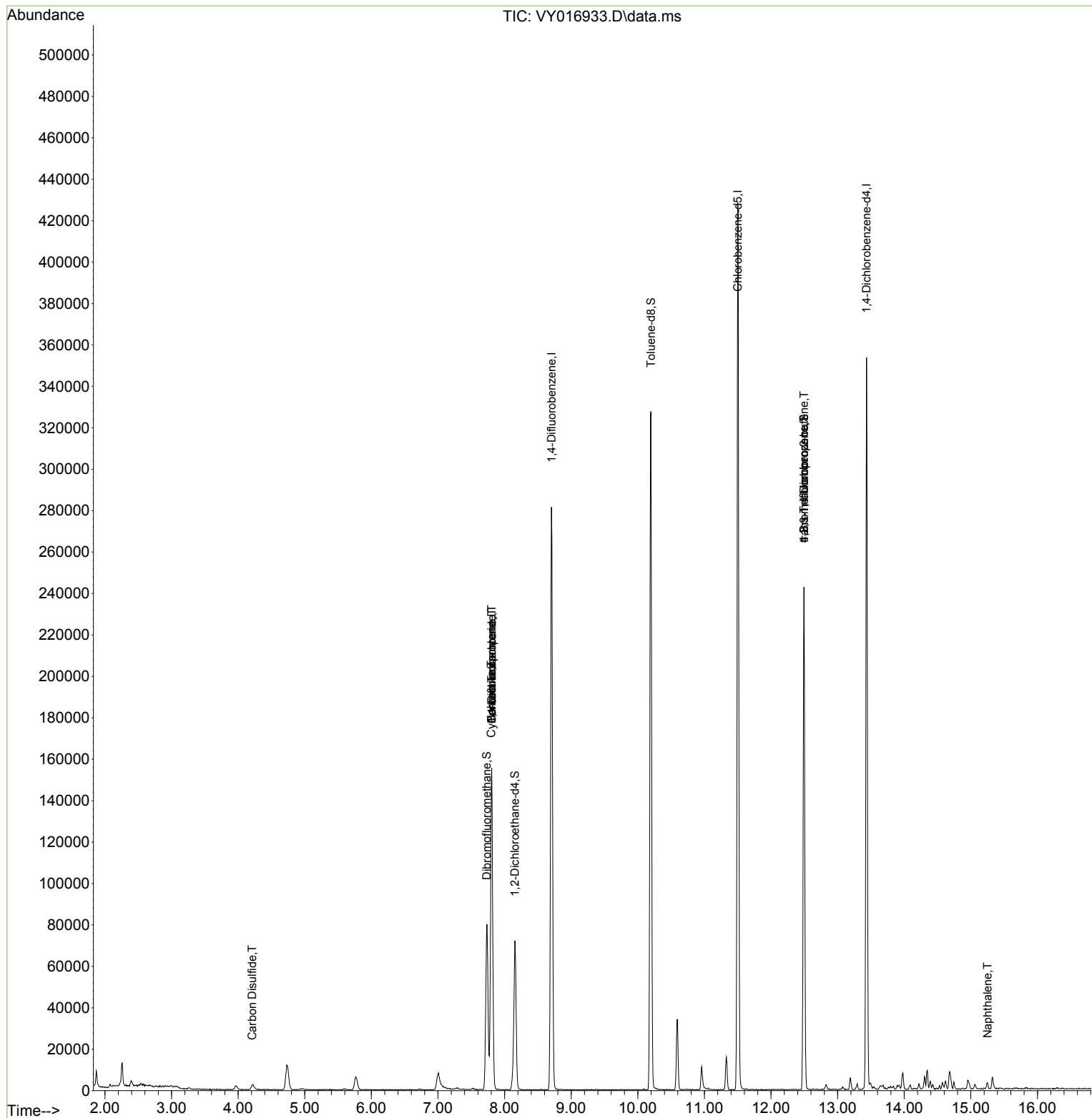
Internal Standards						
1) Pentafluorobenzene	7.807	168	115290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	244846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	233499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	87868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	51869	45.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.040%
35) Dibromofluoromethane	7.734	113	58135	37.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.520%
50) Toluene-d8	10.197	98	219836	40.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.840%
62) 4-Bromofluorobenzene	12.495	95	67940	37.480	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	893	Below Cal	#	75
16) Acetone	3.960	43	3519	Below Cal		95
17) Carbon Disulfide	4.210	76	2708	1.032	ug/l	100
20) Methylene Chloride	4.728	84	9095	Below Cal	#	95
25) 2-Butanone	7.009	43	1160	Below Cal		94
31) Cyclohexane	7.801	56	2572	1.315	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	10135	4.457	ug/l #	49
38) Carbon Tetrachloride	7.807	117	11715	5.071	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	35518	37.249	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	35518	84.583	ug/l #	12
95) Naphthalene	15.251	128	2674	1.747	ug/l	99

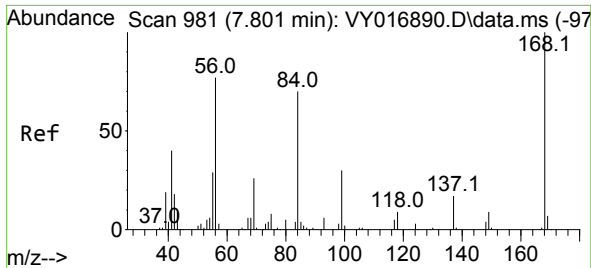
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
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Quant Time: Jan 09 06:35:38 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

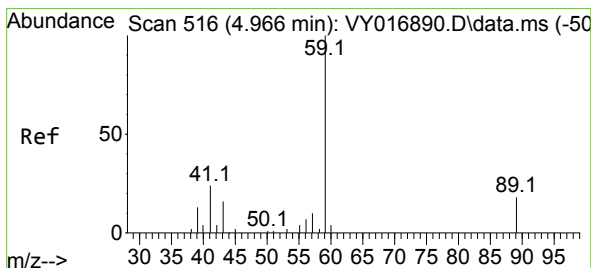
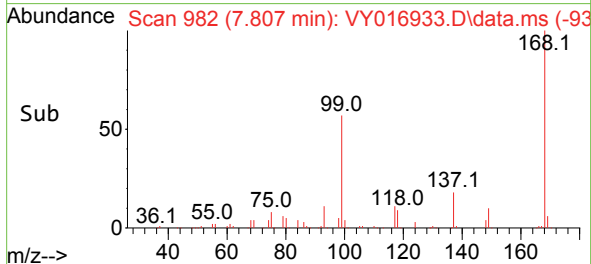
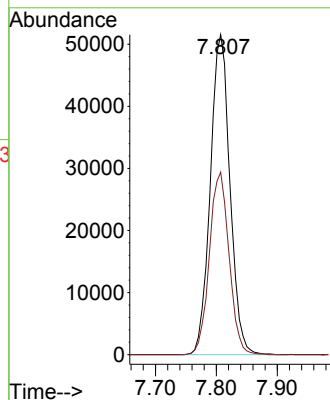
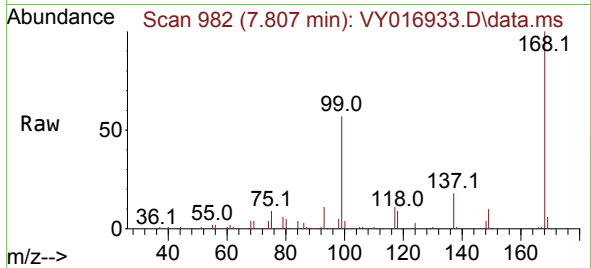




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

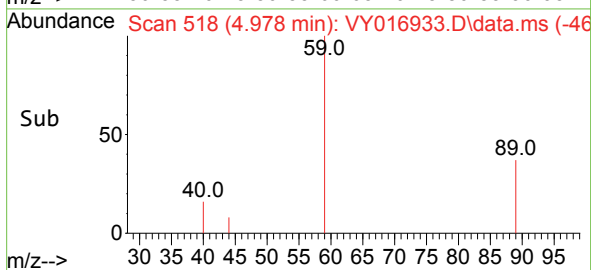
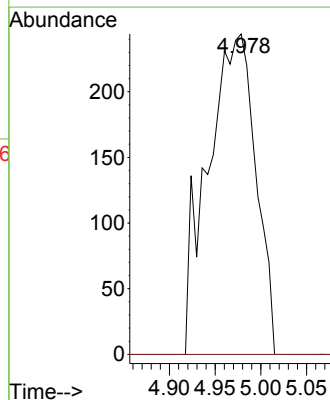
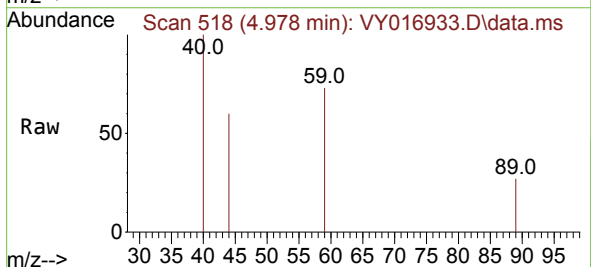
Instrument :
MSVOA_Y
ClientSampleId :

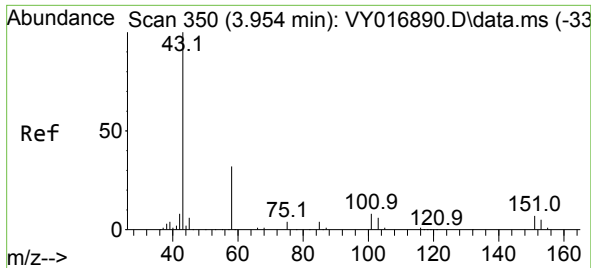
Tgt Ion:168 Resp: 115290
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

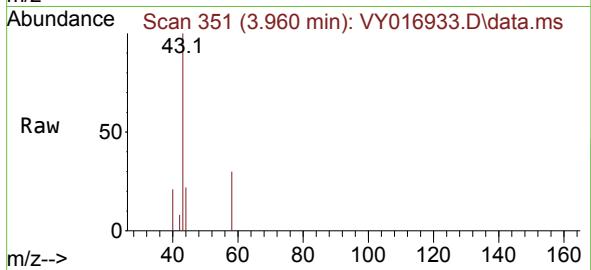
Tgt Ion: 59 Resp: 893
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



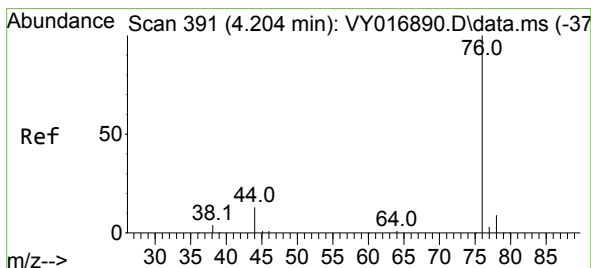
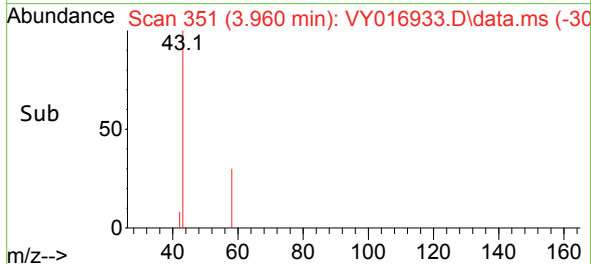
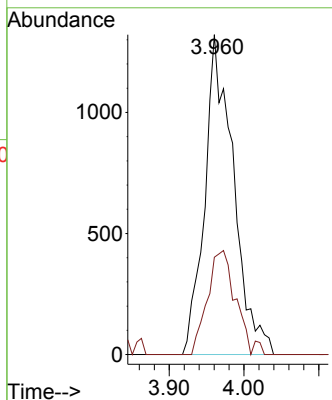


#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :

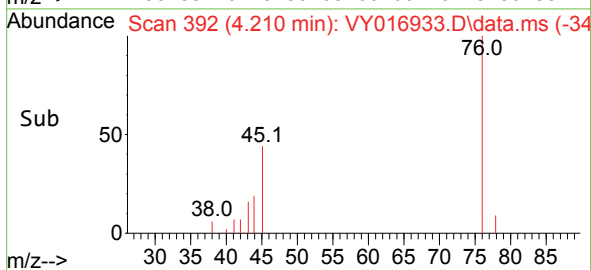
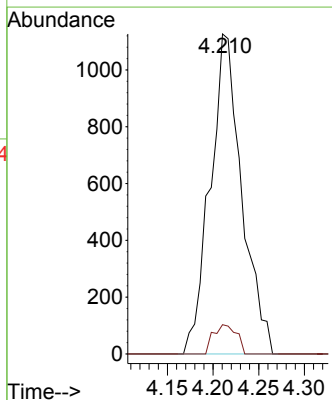
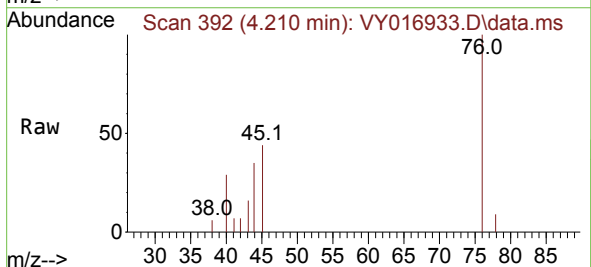


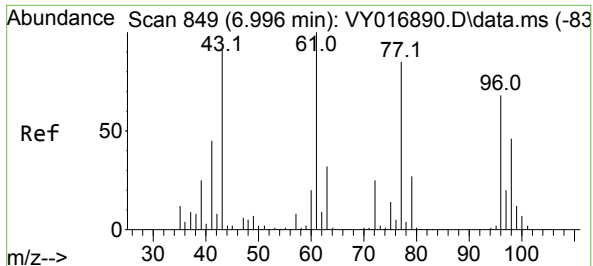
Tgt Ion: 43 Resp: 3519
Ion Ratio Lower Upper
43 100
58 30.4 26.6 39.8



#17
Carbon Disulfide
Concen: 1.032 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Tgt Ion: 76 Resp: 2708
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#25

2-Butanone

Concen: Below Cal

RT: 7.009 min Scan# 8

Delta R.T. 0.013 min

Lab File: VY016933.D

Acq: 08 Jan 2024 13:42

Instrument :

MSVOA_Y

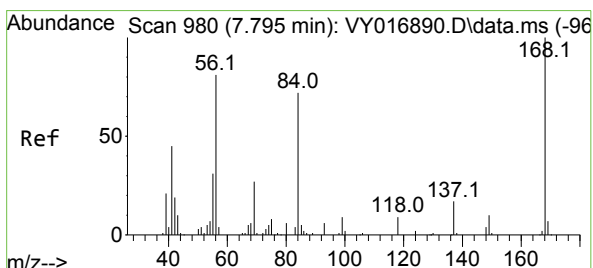
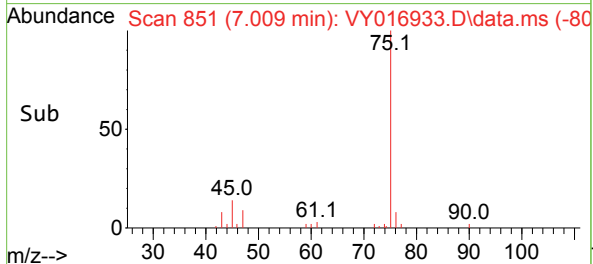
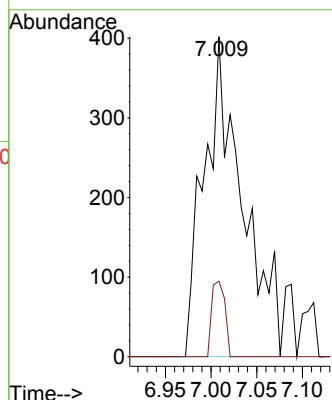
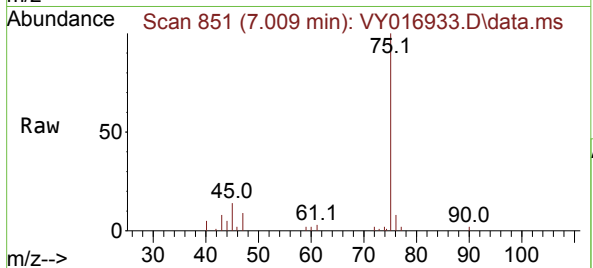
ClientSampleId :

Tgt Ion: 43 Resp: 1160

Ion Ratio Lower Upper

43 100

72 23.6 21.4 32.2



#31

Cyclohexane

Concen: 1.315 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY016933.D

Acq: 08 Jan 2024 13:42

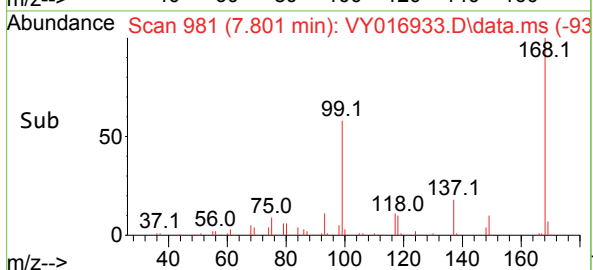
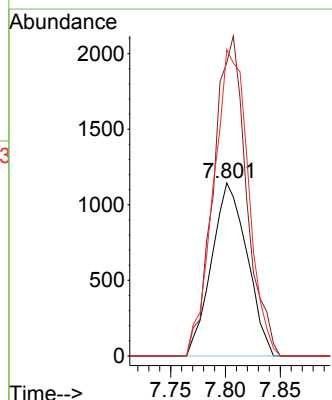
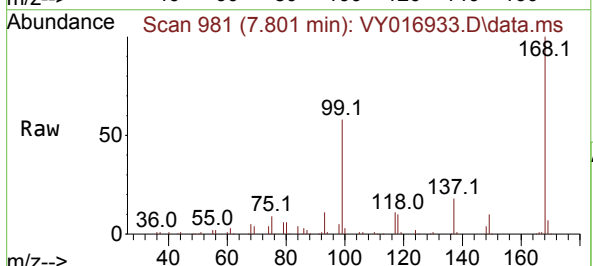
Tgt Ion: 56 Resp: 2572

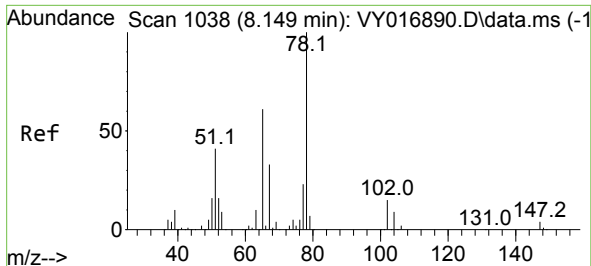
Ion Ratio Lower Upper

56 100

69 169.5 27.0 40.6#

84 177.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 45.520 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016933.D

Acq: 08 Jan 2024 13:42

Instrument :

MSVOA_Y

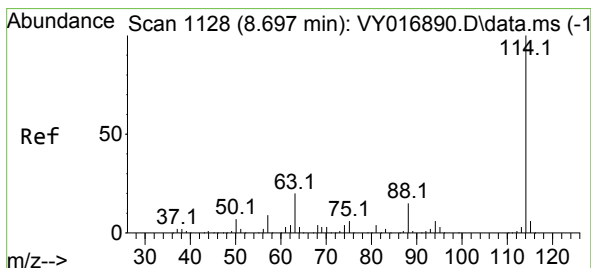
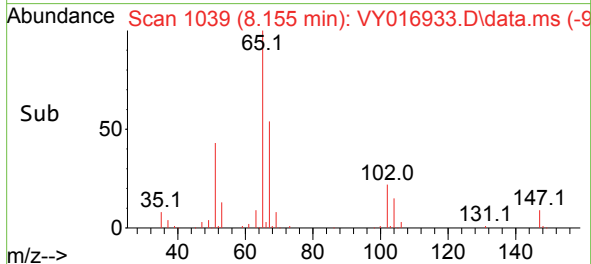
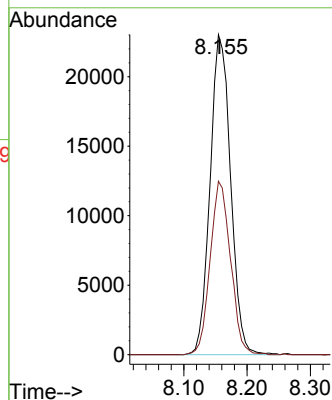
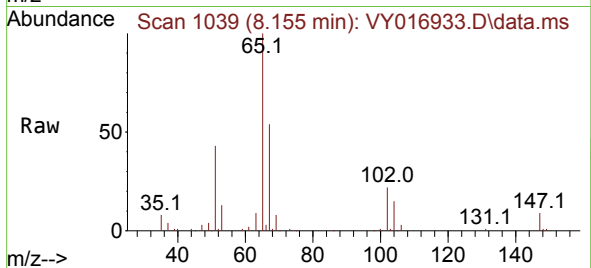
ClientSampleId :

Tgt Ion: 65 Resp: 51869

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016933.D

Acq: 08 Jan 2024 13:42

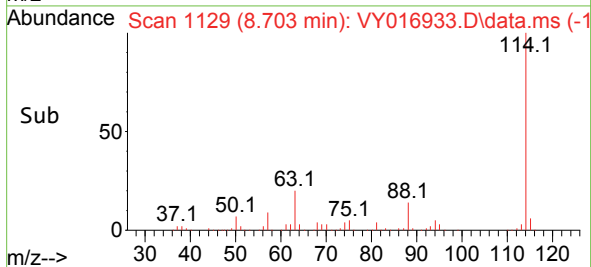
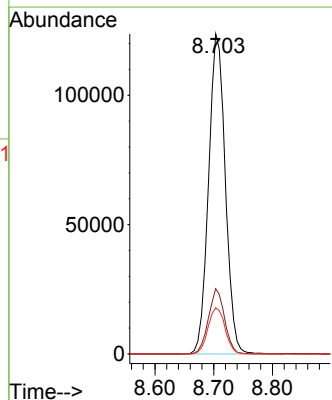
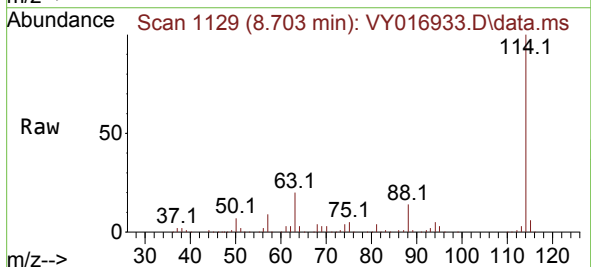
Tgt Ion:114 Resp: 244846

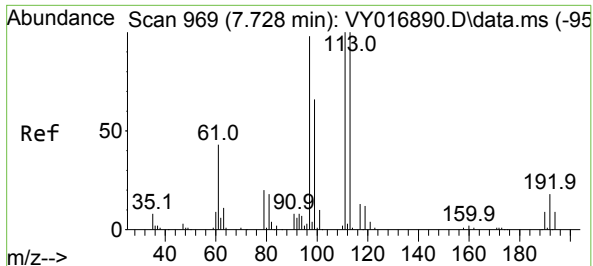
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

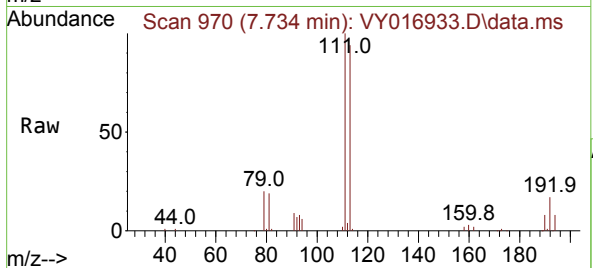
88 14.5 0.0 29.0



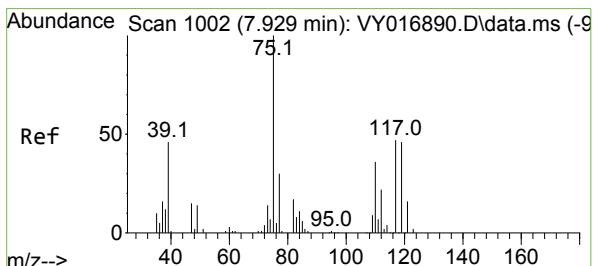
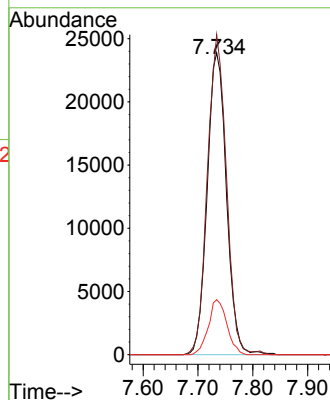
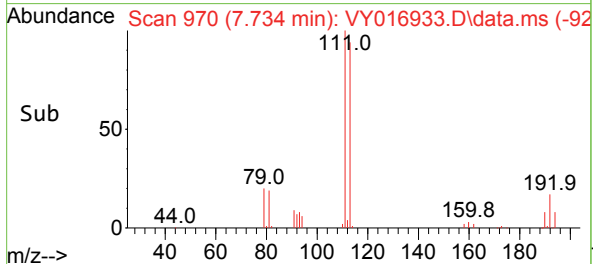


#35
Dibromofluoromethane
Concen: 37.260 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

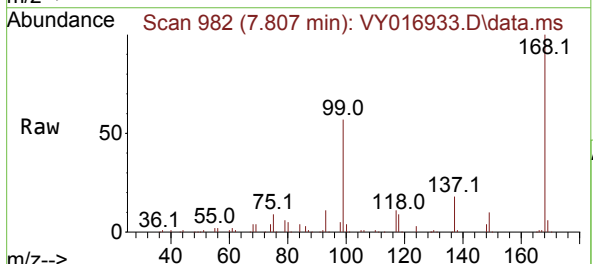
Instrument :
MSVOA_Y
ClientSampleId :



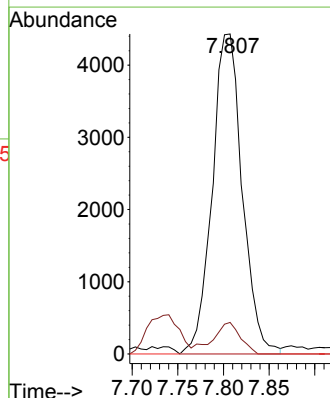
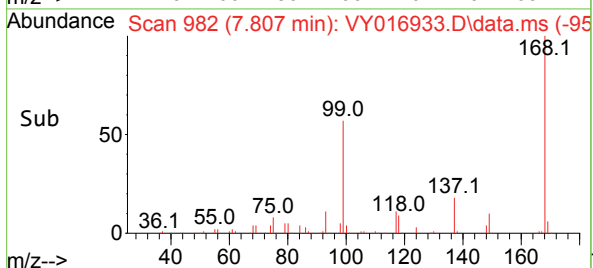
Tgt Ion:113 Resp: 58135
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 17.6 14.5 21.7

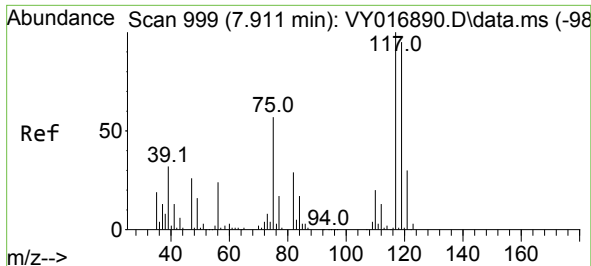


#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42



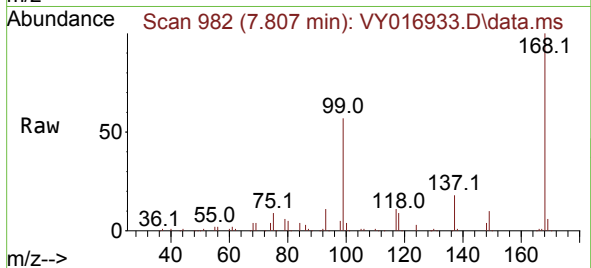
Tgt Ion: 75 Resp: 10135
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#



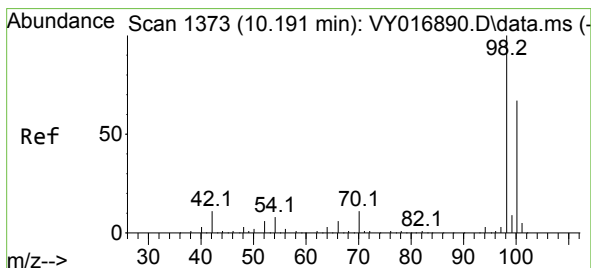
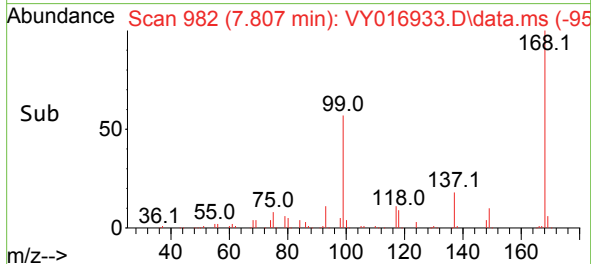
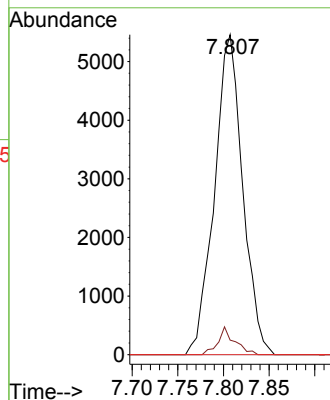


#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :

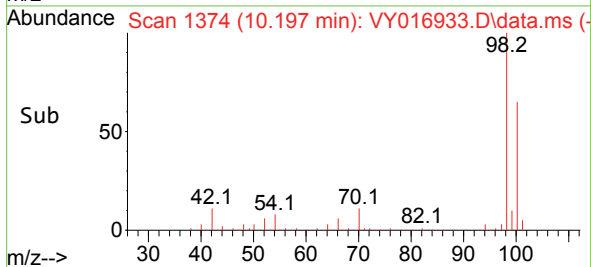
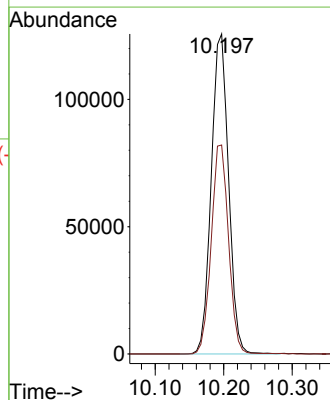
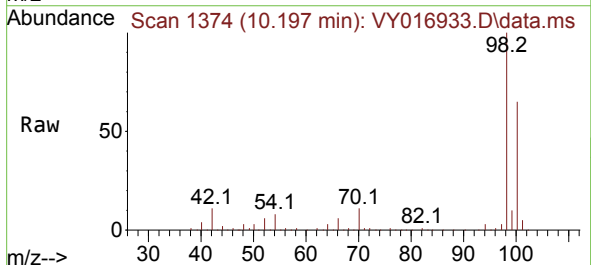


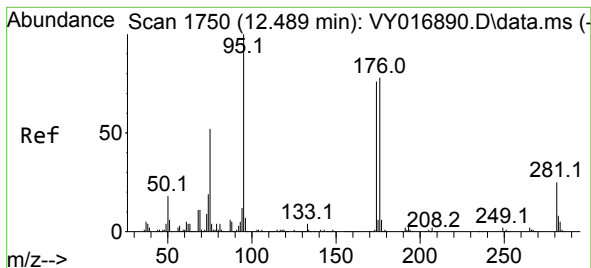
Tgt Ion:117 Resp: 11715
Ion Ratio Lower Upper
117 100
119 4.5 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.917 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

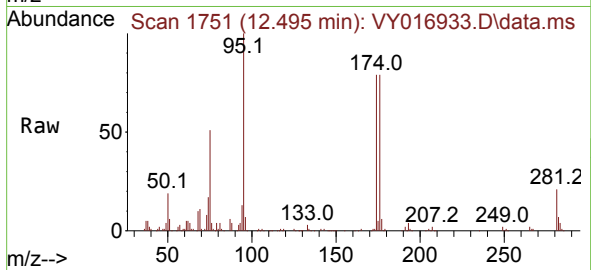
Tgt Ion: 98 Resp: 219836
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



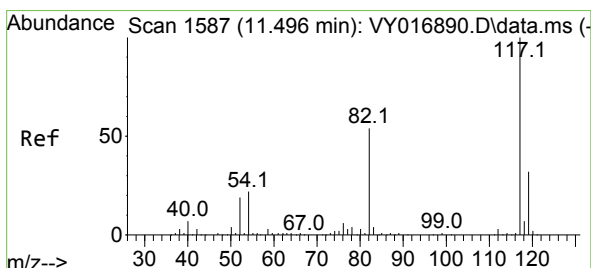
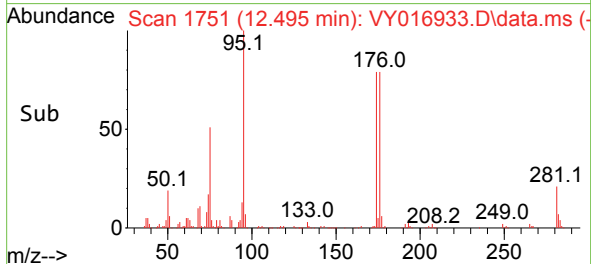
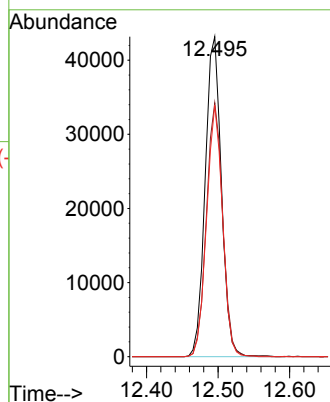


#62
4-Bromofluorobenzene
Concen: 37.480 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :

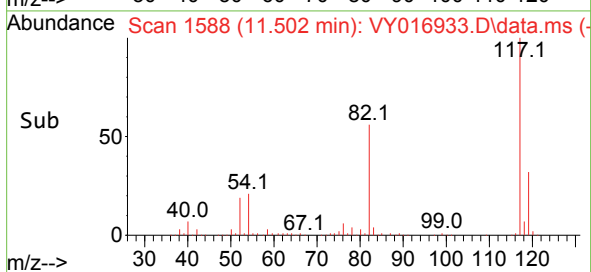
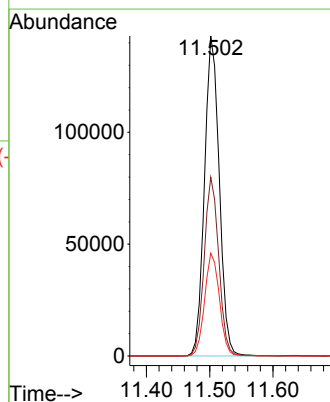
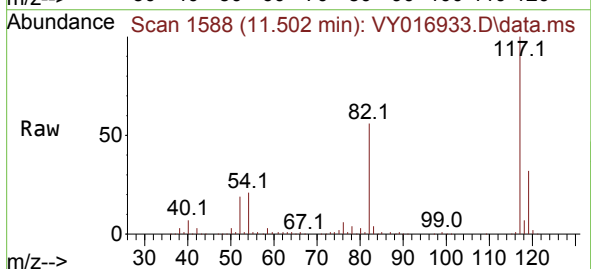


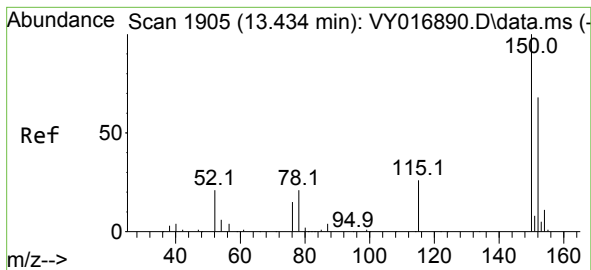
Tgt Ion: 95 Resp: 67940
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 77.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Tgt Ion: 117 Resp: 233499
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.1 26.5 39.7

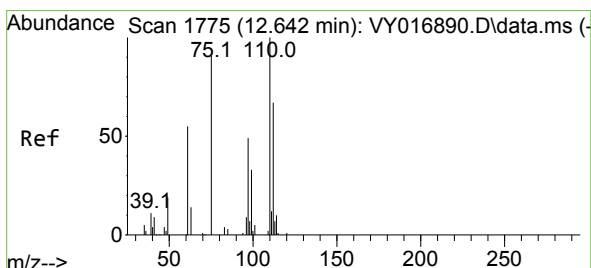
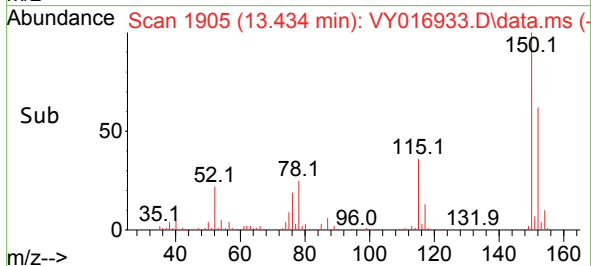
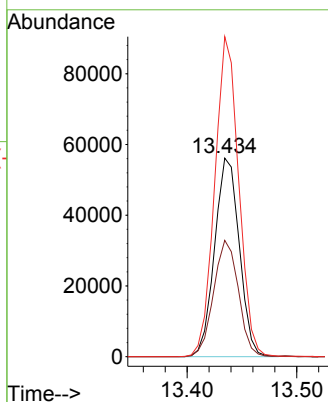
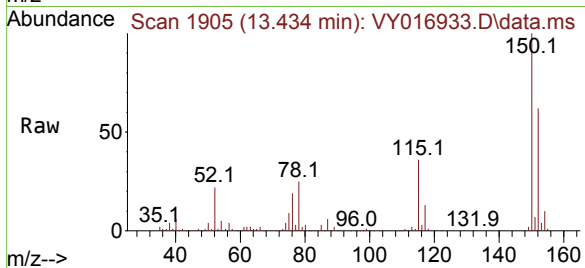




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

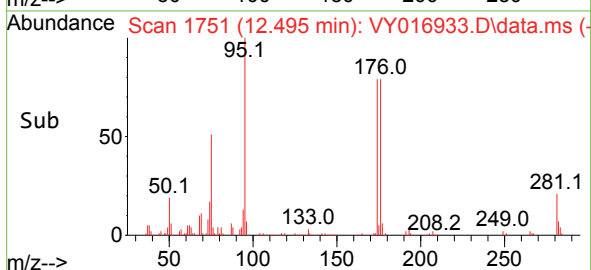
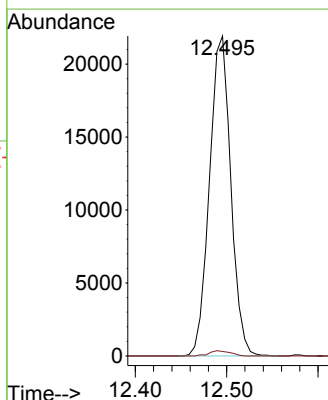
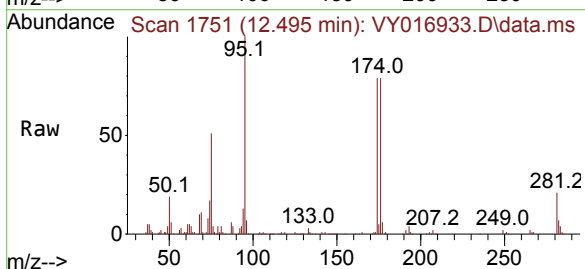
Instrument :
MSVOA_Y
ClientSampleId :

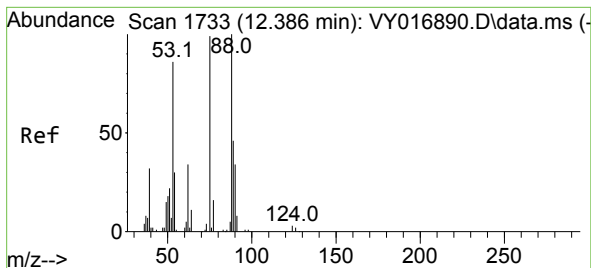
Tgt Ion:152 Resp: 87868
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 156.8 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 37.249 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Tgt Ion: 75 Resp: 35518
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

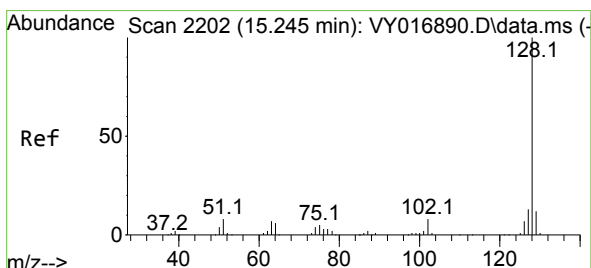
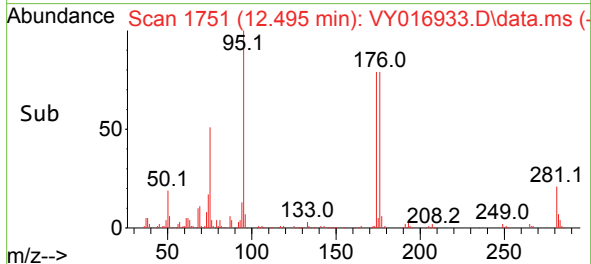
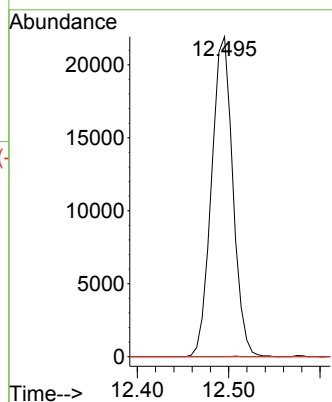
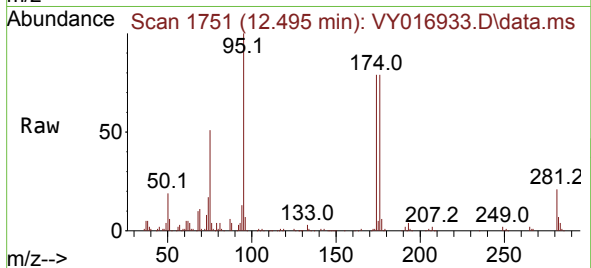




#81
trans-1,4-Dichloro-2-butene
Concen: 84.583 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35518
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 1.747 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Tgt Ion: 128 Resp: 2674
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.2 8.6 12.8

