

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017458.D
 Acq On : 22 Feb 2024 15:13
 Operator : SY/MD
 Sample : P1537-06RE
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 23 00:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

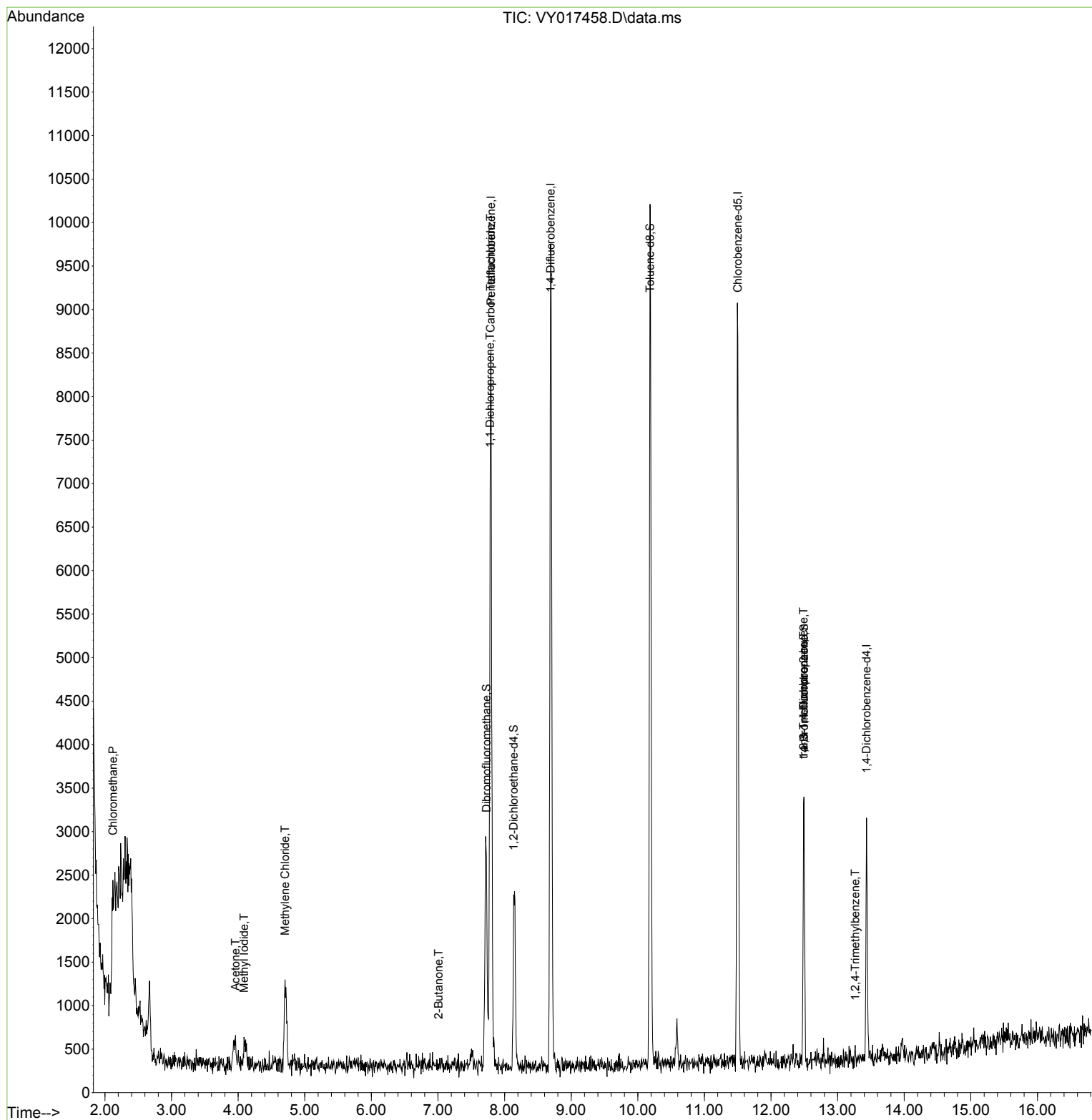
Internal Standards						
1) Pentafluorobenzene	7.795	168	7209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	6014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1863	30.251	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	60.500%
35) Dibromofluoromethane	7.728	113	2191	40.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.740%
50) Toluene-d8	10.185	98	7184	34.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.260%
62) 4-Bromofluorobenzene	12.495	95	997	15.440	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	30.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	286	2.438	ug/l #	45
5) Bromomethane	2.668	94	326	Below Cal		91
10) Methyl Iodide	4.088	142	595	7.384	ug/l #	83
16) Acetone	3.960	43	616	46.185	ug/l	94
20) Methylene Chloride	4.704	84	799	4.197	ug/l #	90
25) 2-Butanone	7.008	43	20	1.068	ug/l #	41
36) 1,1-Dichloropropene	7.783	75	456	5.031	ug/l #	40
38) Carbon Tetrachloride	7.789	117	715	7.923	ug/l #	13
76) 1,2,3-Trichloropropane	12.489	75	486	55.694	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	486	129.852	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.263	105	74	1.343	ug/l #	30

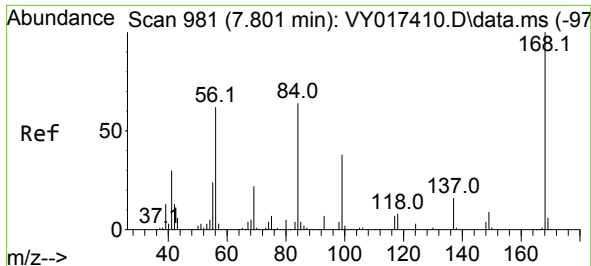
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 23 00:30:49 2024
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Response via : Initial Calibration

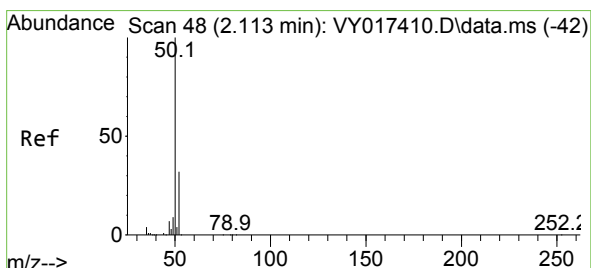
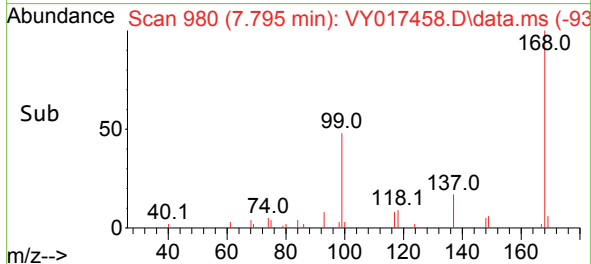
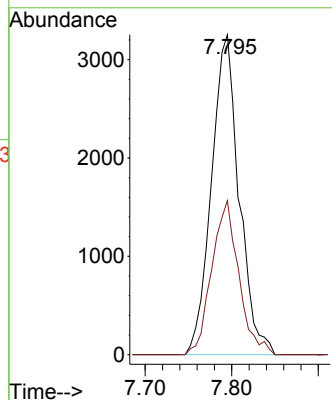
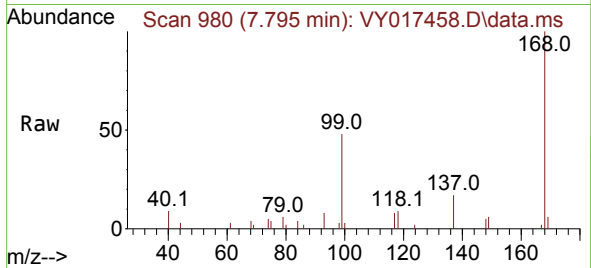




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

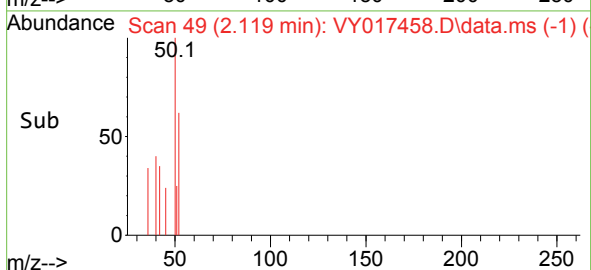
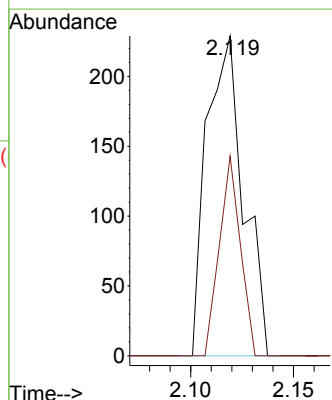
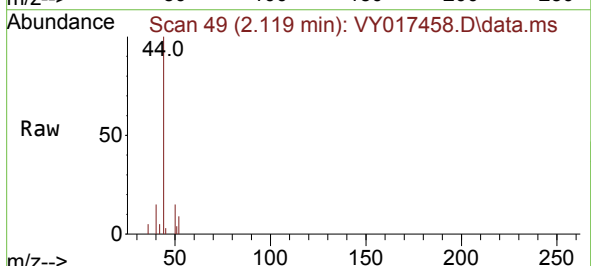
Instrument :
MSVOA_Y
ClientSampleId :

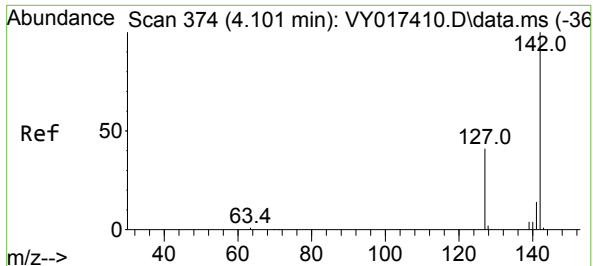
Tgt Ion:168 Resp: 7209
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#3
Chloromethane
Concen: 2.438 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

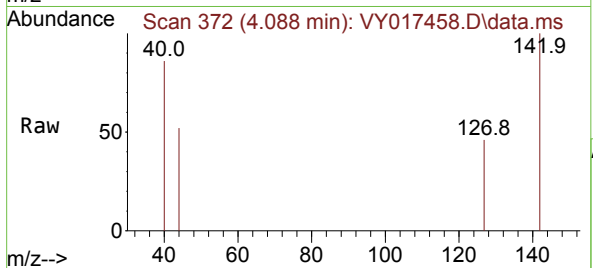
Tgt Ion: 50 Resp: 286
Ion Ratio Lower Upper
50 100
52 62.4 25.6 38.4#



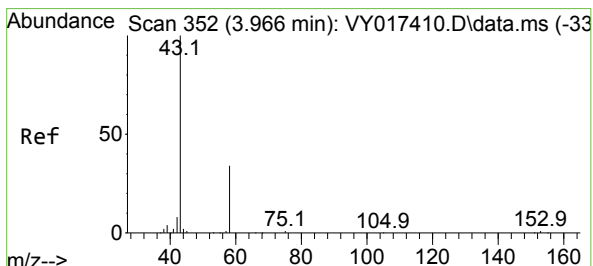
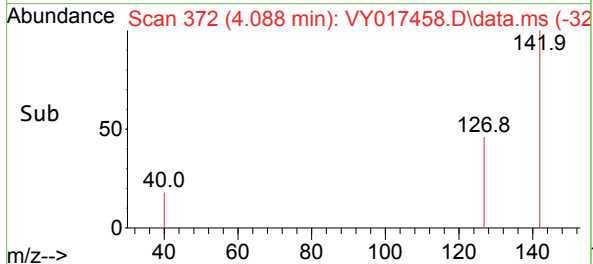
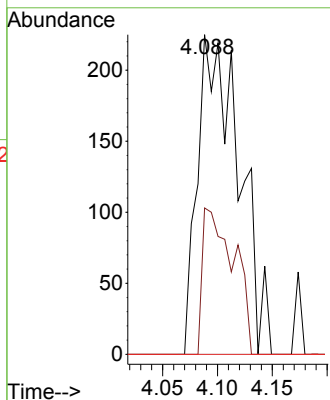


#10
Methyl Iodide
Concen: 7.384 ug/l
RT: 4.088 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

Instrument :
MSVOA_Y
ClientSampleId :

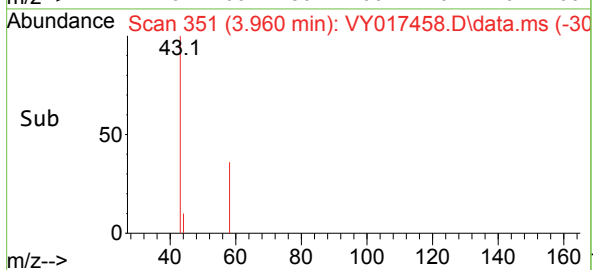
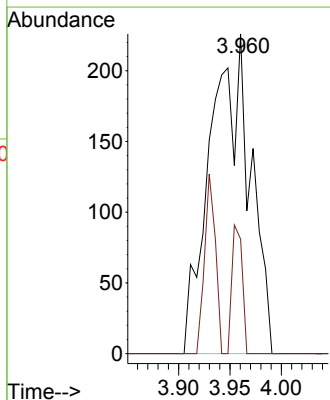
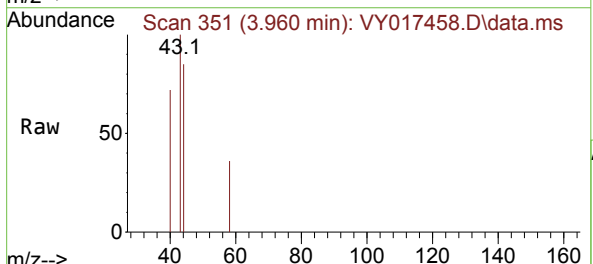


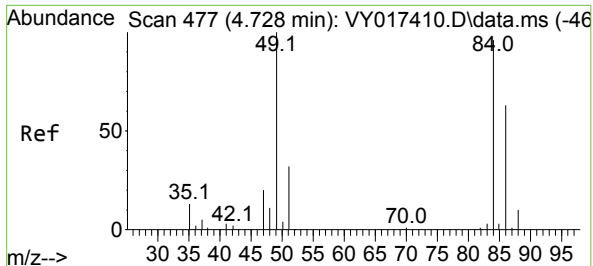
Tgt Ion:142 Resp: 595
Ion Ratio Lower Upper
142 100
127 34.3 32.8 49.2
141 0.0 11.4 17.2#



#16
Acetone
Concen: 46.185 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

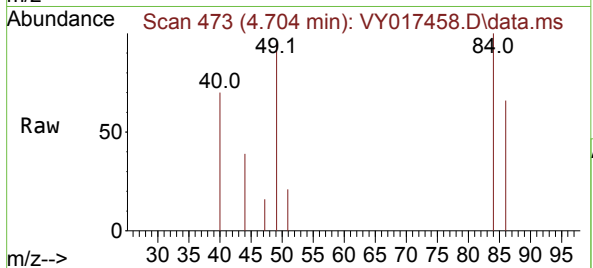
Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5



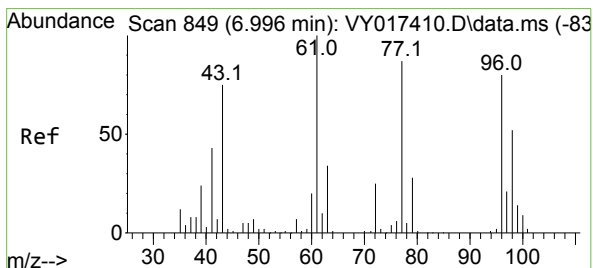
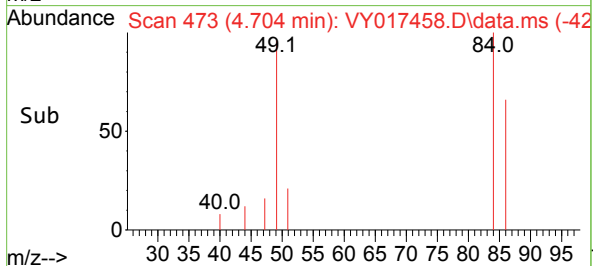
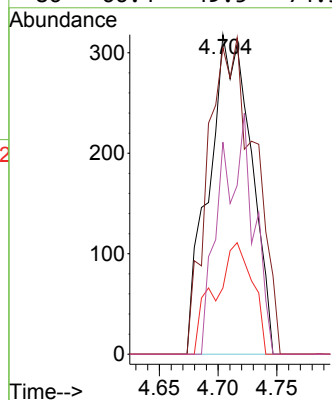


#20
Methylene Chloride
Concen: 4.197 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

Instrument :
MSVOA_Y
ClientSampleId :

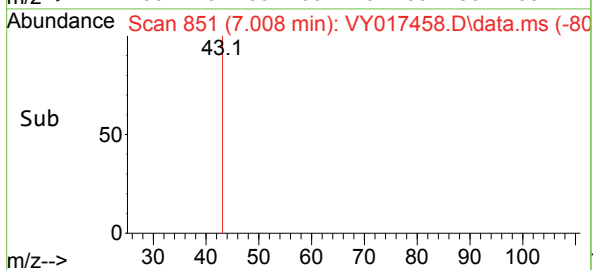
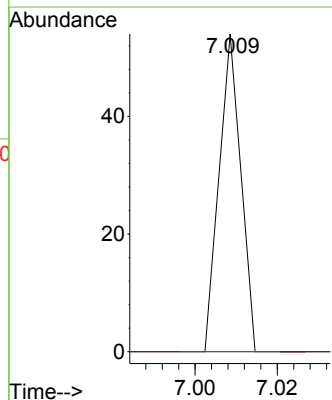
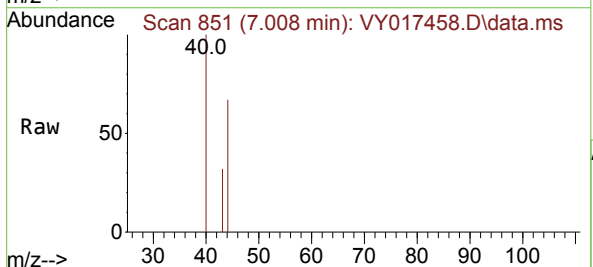


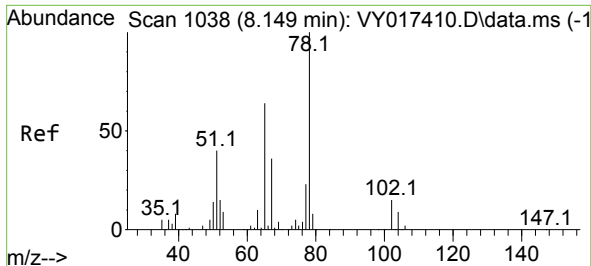
Tgt Ion: 84	Resp: 799
Ion Ratio	Lower Upper
84	100
49	95.9 84.4 126.6
51	20.8 26.0 39.0#
86	66.4 49.5 74.3



#25
2-Butanone
Concen: 1.068 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

Tgt Ion: 43	Resp: 20
Ion Ratio	Lower Upper
43	100
72	0.0 27.3 40.9#





#33

1,2-Dichloroethane-d4

Concen: 30.251 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY017458.D

Acq: 22 Feb 2024 15:13

Instrument :

MSVOA_Y

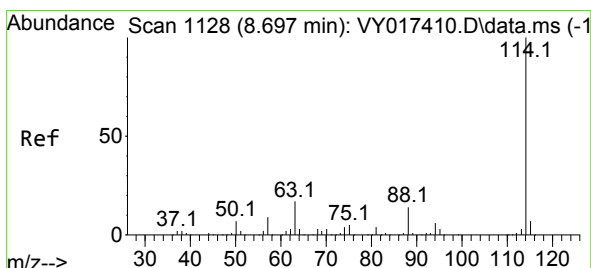
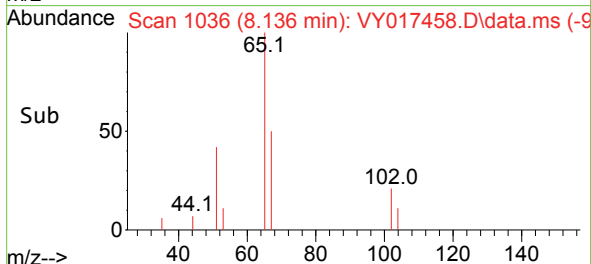
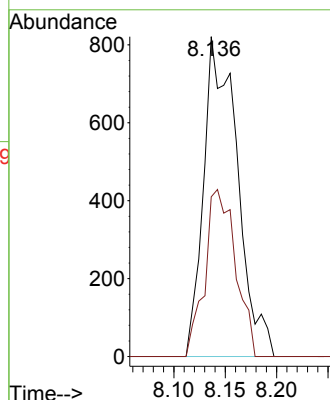
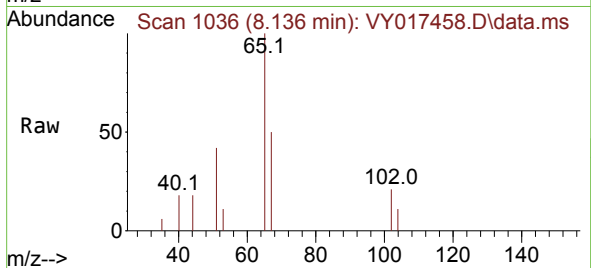
ClientSampleId :

Tgt Ion: 65 Resp: 1863

Ion Ratio Lower Upper

65 100

67 47.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017458.D

Acq: 22 Feb 2024 15:13

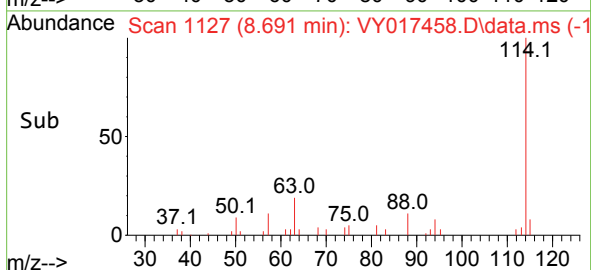
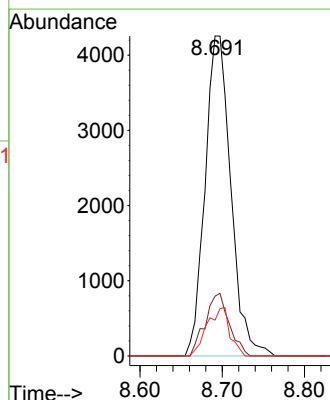
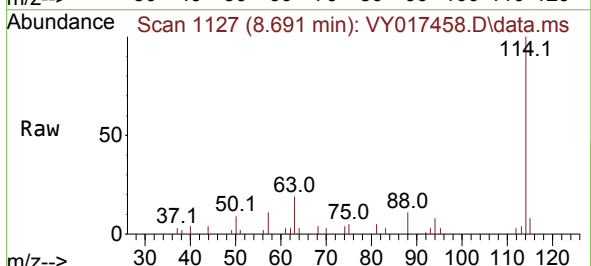
Tgt Ion: 114 Resp: 9271

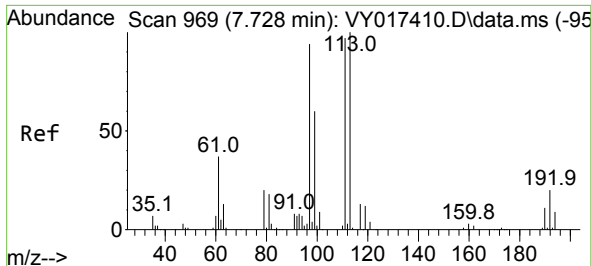
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 11.2 0.0 27.2

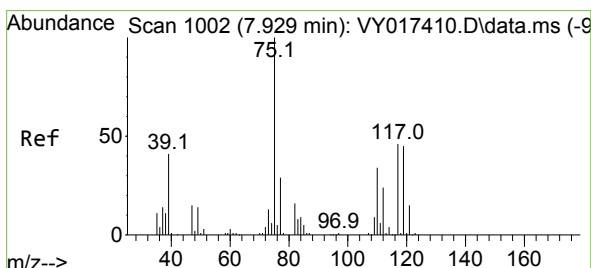
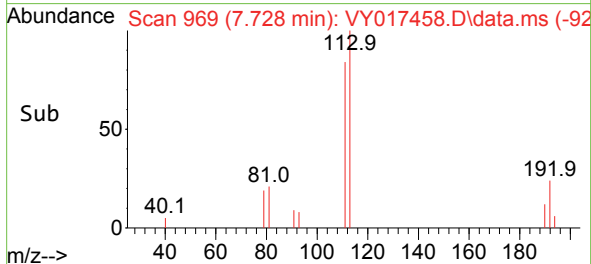
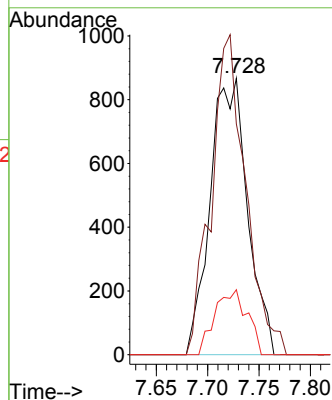
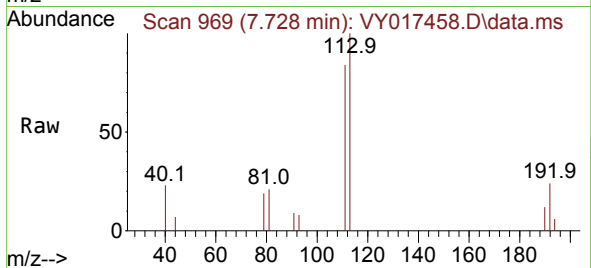




#35
Dibromofluoromethane
Concen: 40.373 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

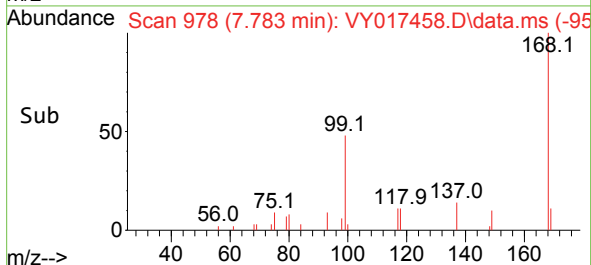
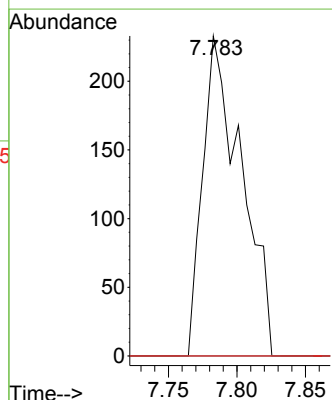
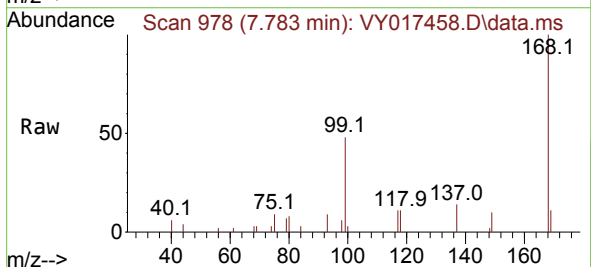
Instrument :
MSVOA_Y
ClientSampleId :

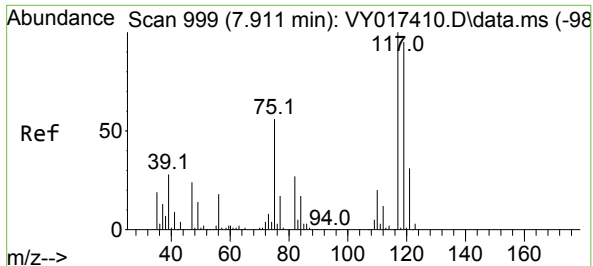
Tgt Ion:113 Resp: 2191
Ion Ratio Lower Upper
113 100
111 106.4 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.031 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.146 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

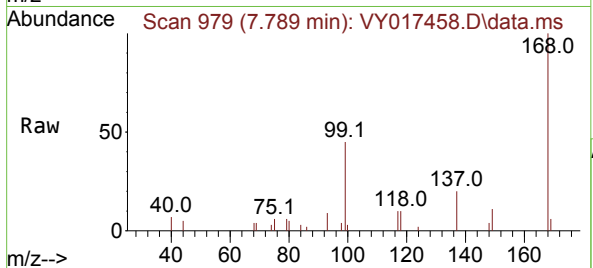
Tgt Ion: 75 Resp: 456
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



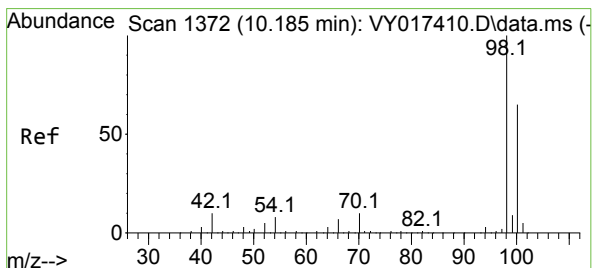
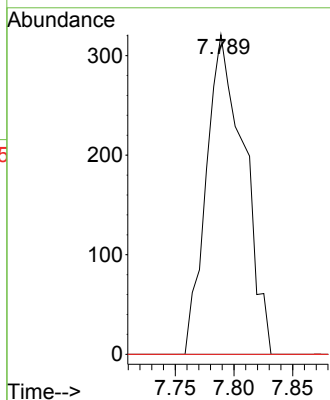
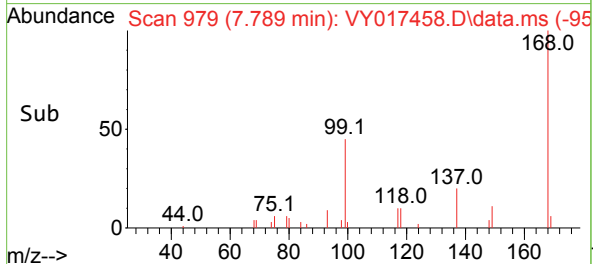


#38
Carbon Tetrachloride
Concen: 7.923 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

Instrument :
MSVOA_Y
ClientSampleId :

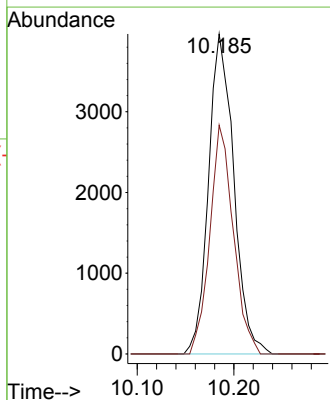
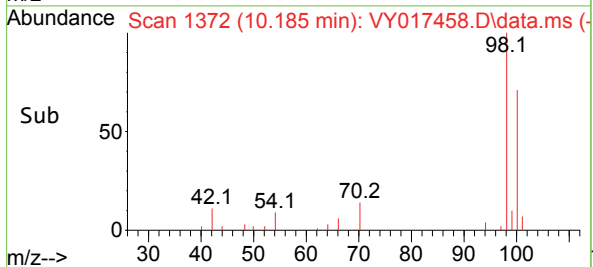
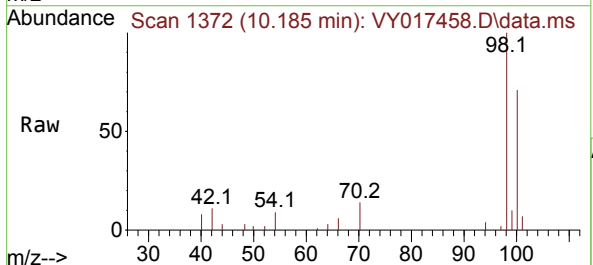


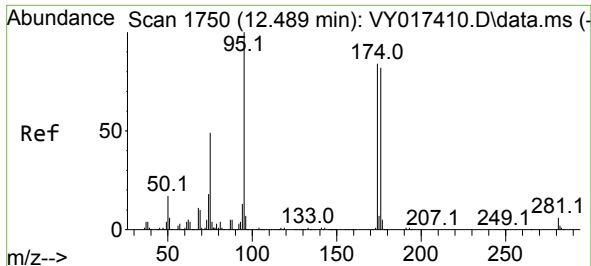
Tgt Ion:117 Resp: 715
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 34.132 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

Tgt Ion: 98 Resp: 7184
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

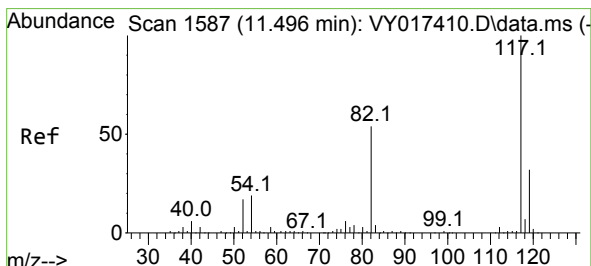
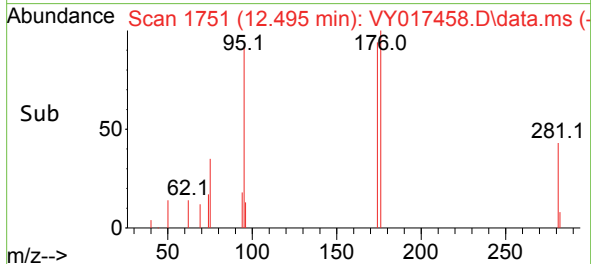
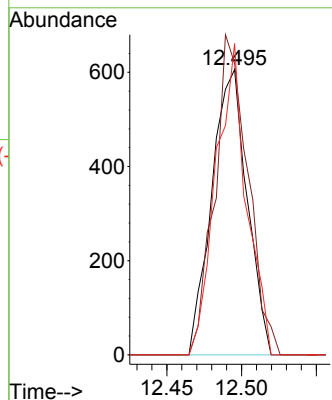
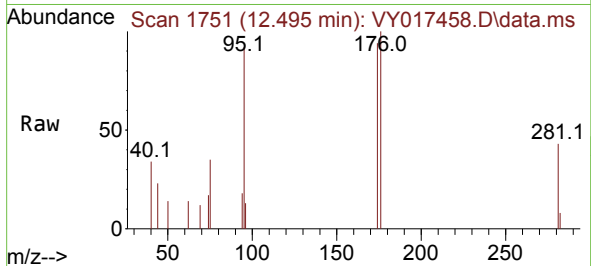




#62
4-Bromofluorobenzene
Concen: 15.440 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

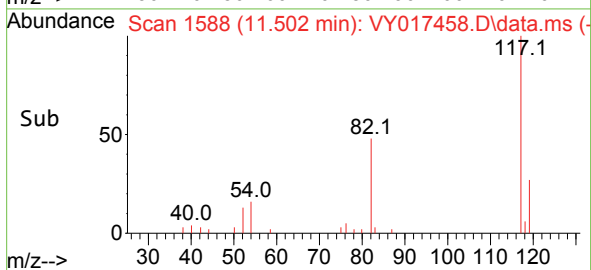
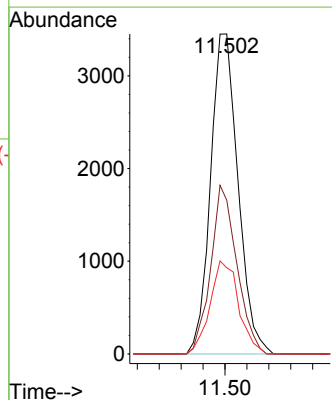
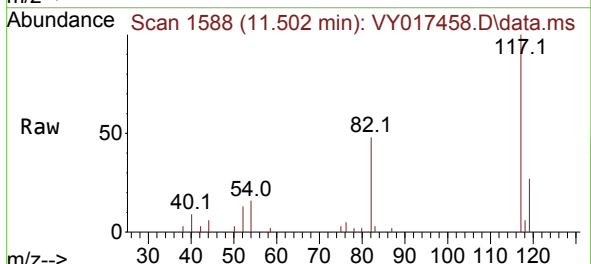
Instrument :
MSVOA_Y
ClientSampleId :

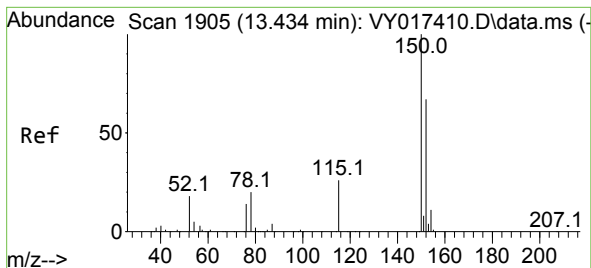
Tgt Ion: 95 Resp: 997
Ion Ratio Lower Upper
95 100
174 105.5 0.0 175.6
176 94.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

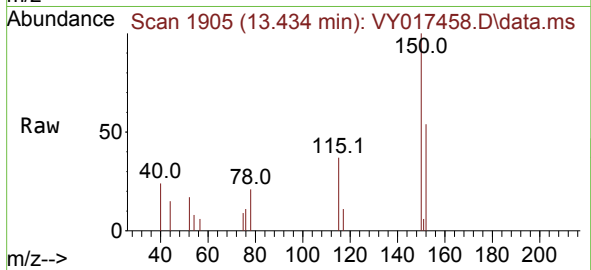
Tgt Ion: 117 Resp: 6014
Ion Ratio Lower Upper
117 100
82 48.1 42.4 63.6
119 26.9 25.9 38.9



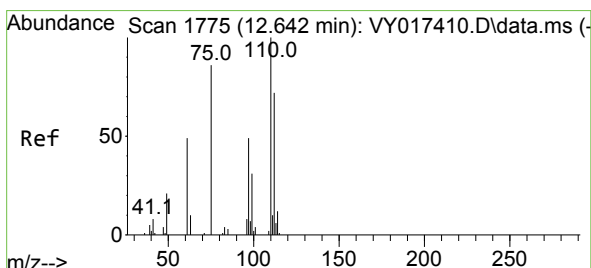
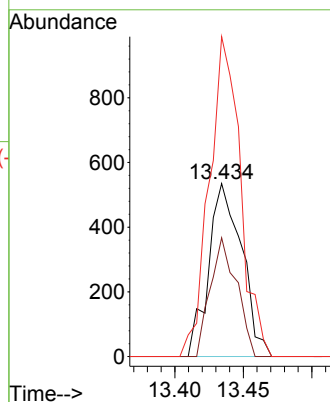
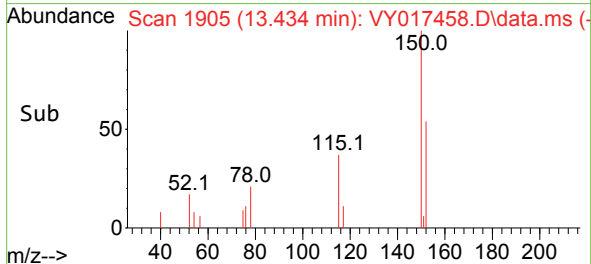


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY017458.D
 Acq: 22 Feb 2024 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :

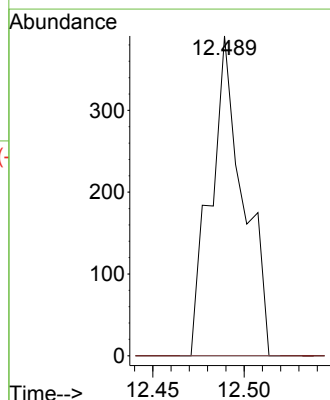
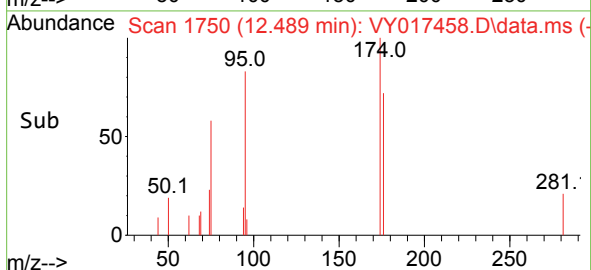
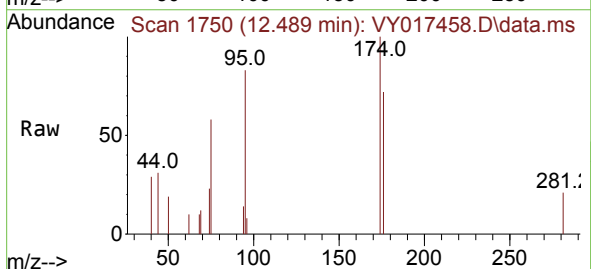


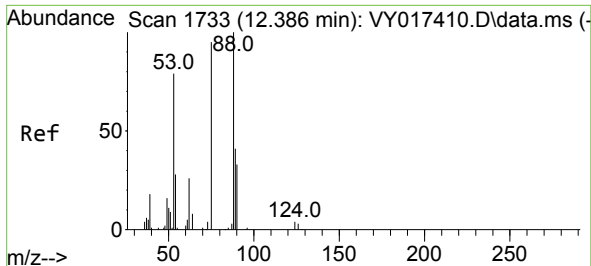
Tgt Ion:152 Resp: 900
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.2 84.7
 150 173.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 55.694 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY017458.D
 Acq: 22 Feb 2024 15:13

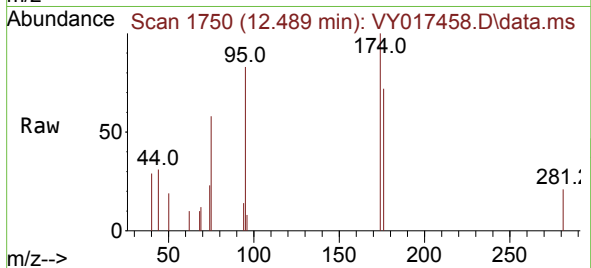
Tgt Ion: 75 Resp: 486
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



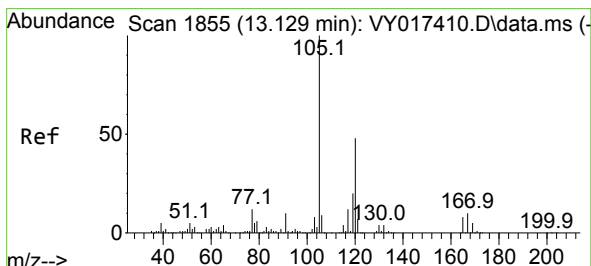
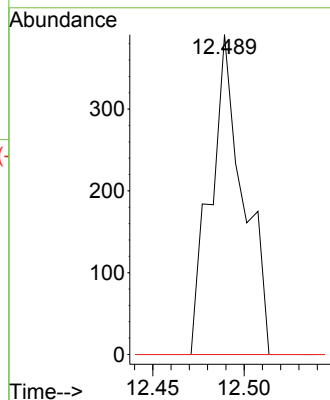
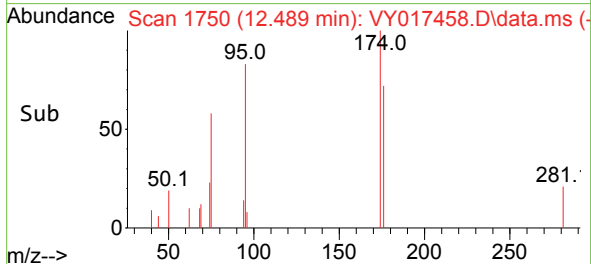


#81
trans-1,4-Dichloro-2-butene
Concen: 129.852 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

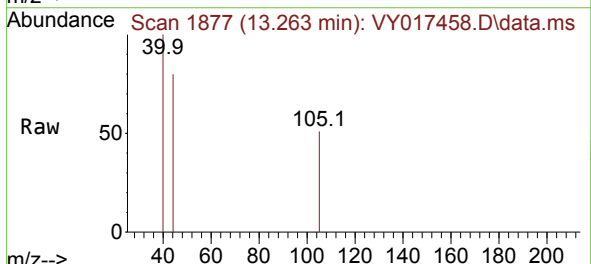
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 486
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#84
1,2,4-Trimethylbenzene
Concen: 1.343 ug/l
RT: 13.263 min Scan# 1877
Delta R.T. 0.134 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13



Tgt Ion: 105 Resp: 74
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#

