

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018488.D
 Acq On : 05 Jun 2024 16:35
 Operator : SY/MD
 Sample : P2715-03
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 06 05:57:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

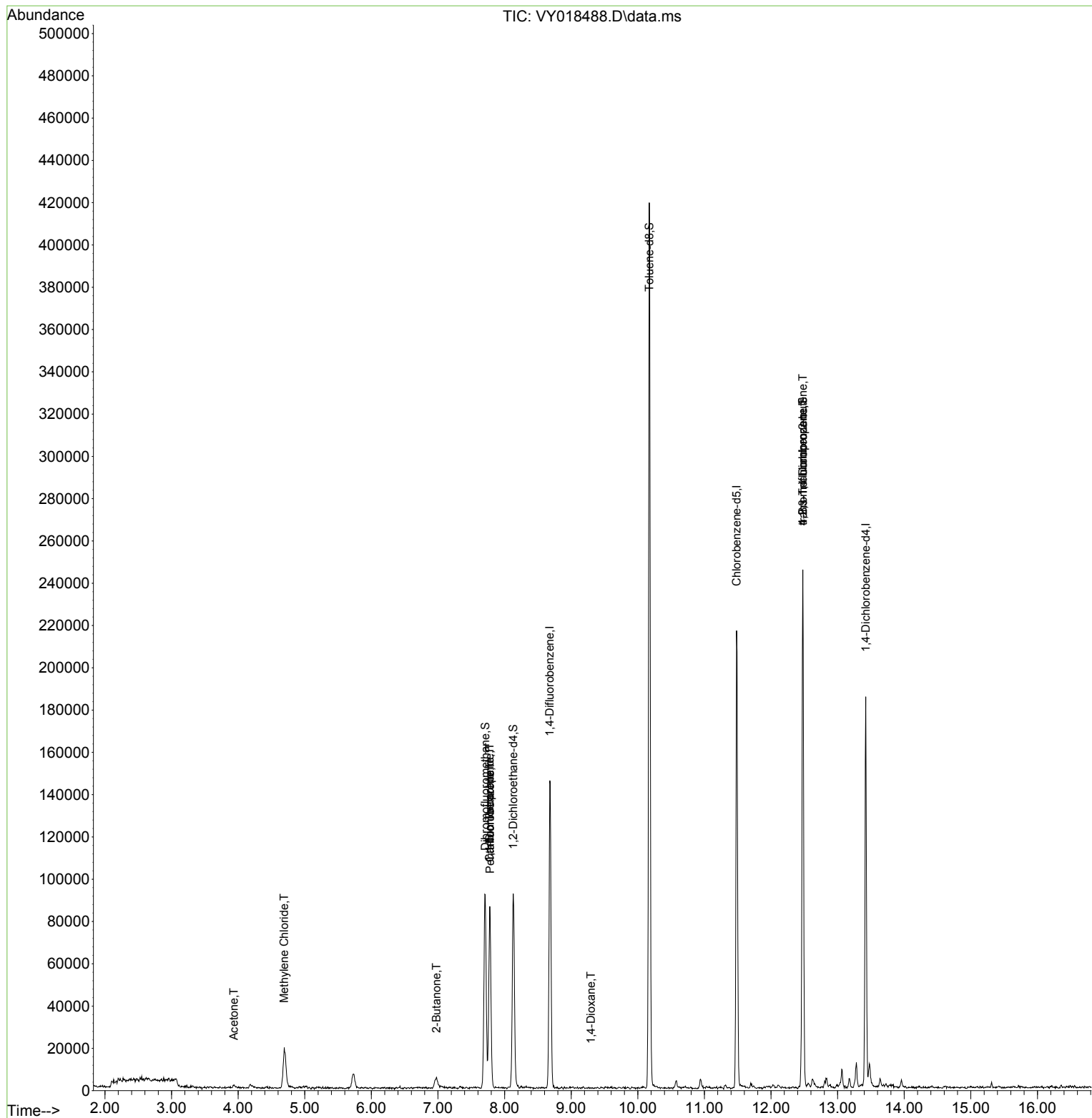
Internal Standards						
1) Pentafluorobenzene	7.783	168	58738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	121047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	110341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	66852	57.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.900%
35) Dibromofluoromethane	7.710	113	63831	41.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.160%
50) Toluene-d8	10.173	98	260466	42.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.300%
62) 4-Bromofluorobenzene	12.477	95	71348	37.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	122	Below Cal	#	1
16) Acetone	3.936	43	2214	8.648	ug/l #	75
20) Methylene Chloride	4.692	84	12324	5.762	ug/l #	67
25) 2-Butanone	6.978	43	543	1.384	ug/l #	67
36) 1,1-Dichloropropene	7.777	75	5932	2.535	ug/l #	49
38) Carbon Tetrachloride	7.777	117	6150	2.622	ug/l #	23
49) 1,4-Dioxane	9.295	88	23	1.905	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	39239	79.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39239	166.392	ug/l #	17

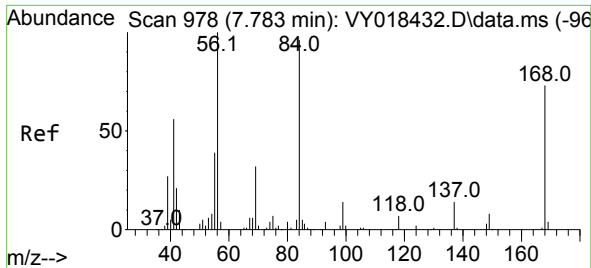
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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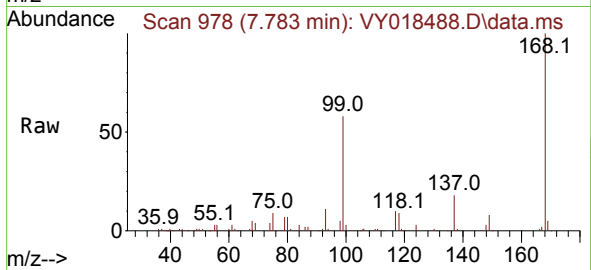
Quant Time: Jun 06 05:57:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
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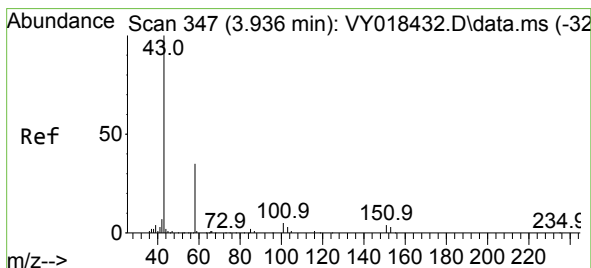
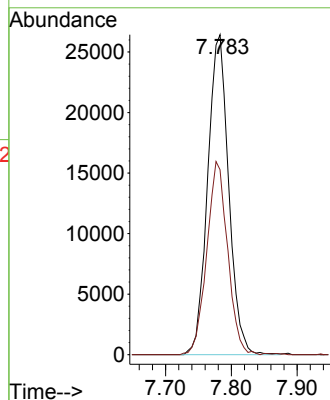
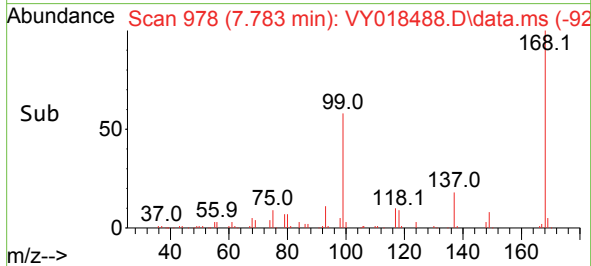


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

Instrument :
MSVOA_Y
ClientSampleId :

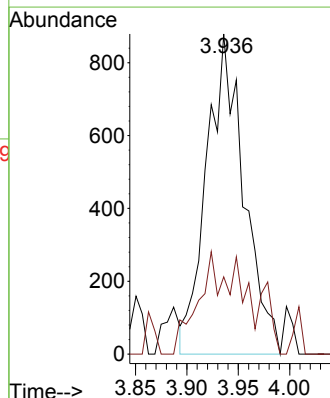
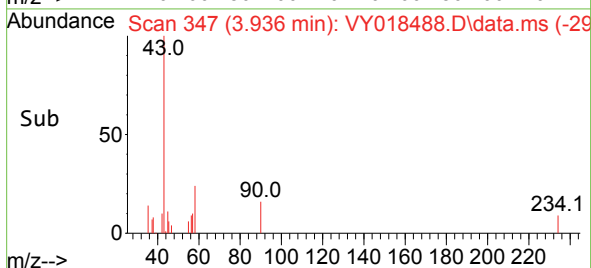
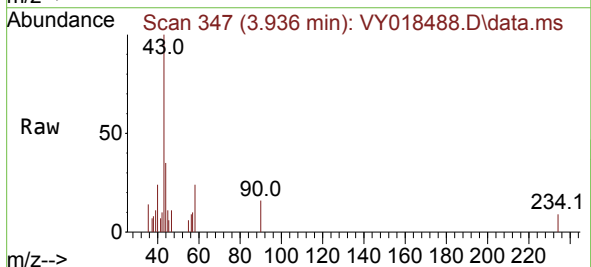


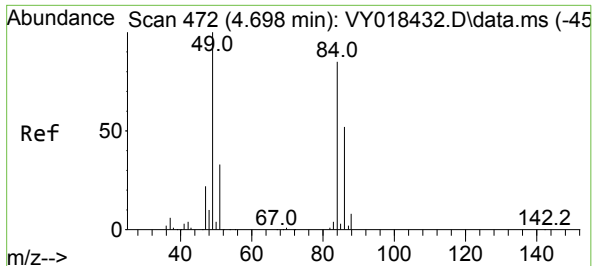
Tgt Ion:168 Resp: 58738
Ion Ratio Lower Upper
168 100
99 57.8 39.1 58.7



#16
Acetone
Concen: 8.648 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

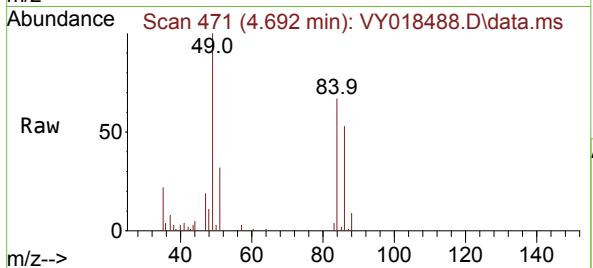
Tgt Ion: 43 Resp: 2214
Ion Ratio Lower Upper
43 100
58 24.1 31.7 47.5#





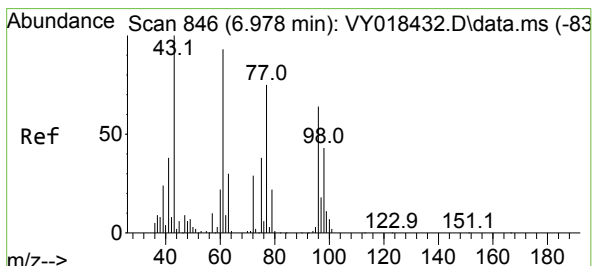
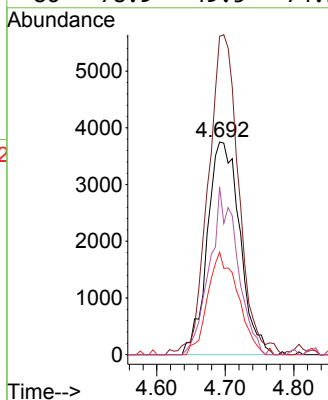
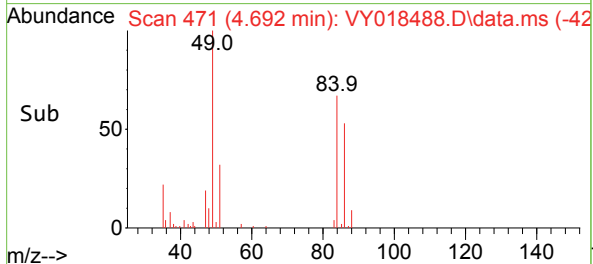
#20
Methylene Chloride
Concen: 5.762 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12324

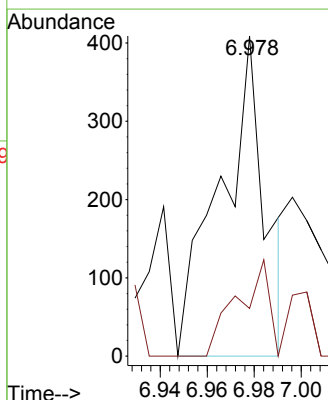
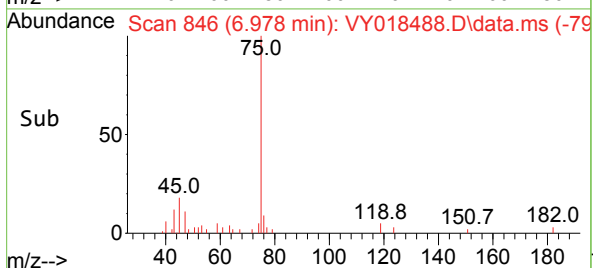
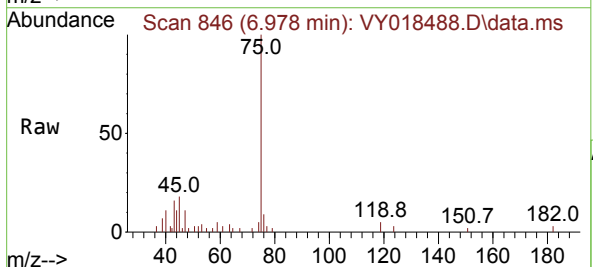
Ion	Ratio	Lower	Upper
84	100		
49	147.8	84.4	126.6#
51	48.3	26.0	39.0#
86	78.9	49.5	74.3#

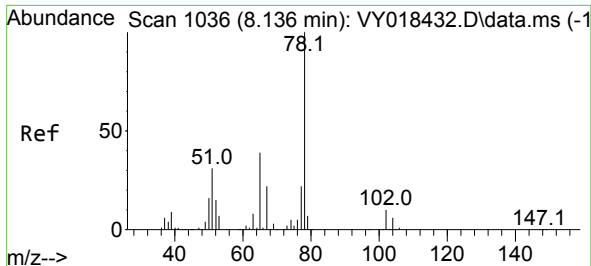


#25
2-Butanone
Concen: 1.384 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

Tgt Ion: 43 Resp: 543

Ion	Ratio	Lower	Upper
43	100		
72	14.9	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 57.955 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018488.D

Acq: 05 Jun 2024 16:35

Instrument :

MSVOA_Y

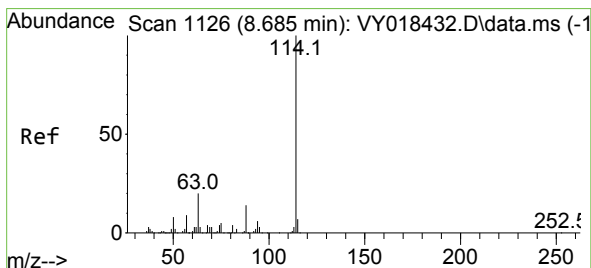
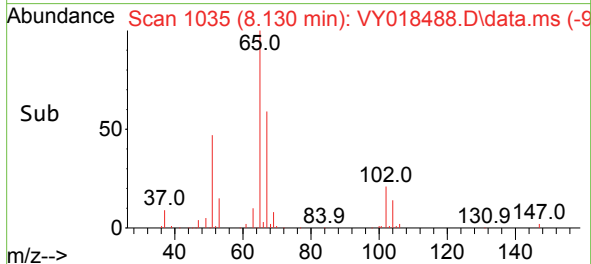
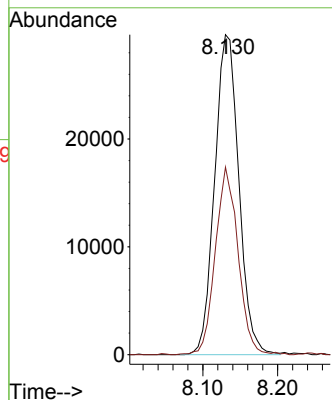
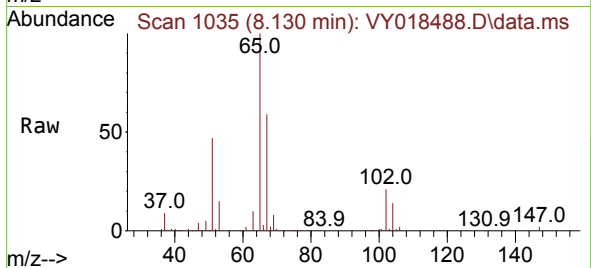
ClientSampleId :

Tgt Ion: 65 Resp: 66852

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018488.D

Acq: 05 Jun 2024 16:35

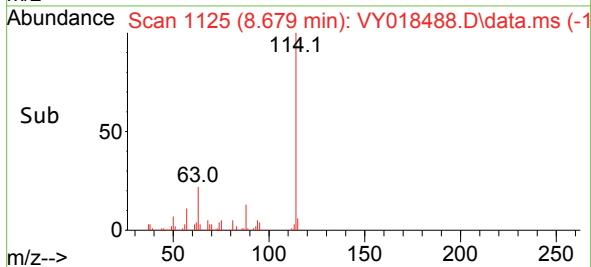
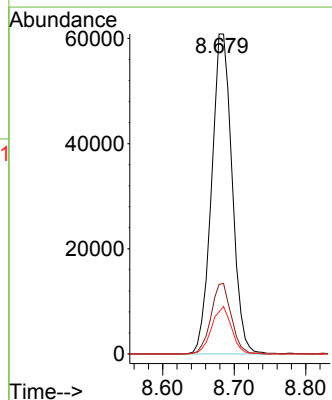
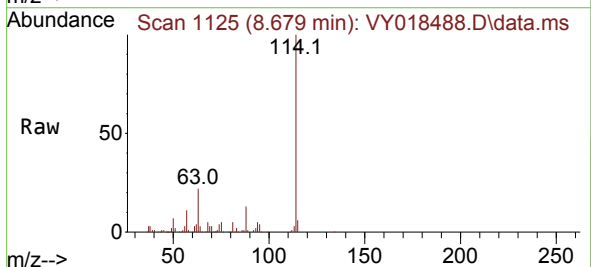
Tgt Ion: 114 Resp: 121047

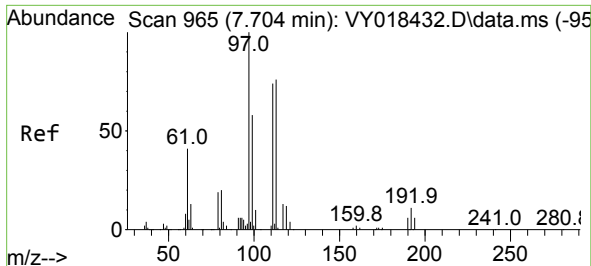
Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 13.2 0.0 27.2

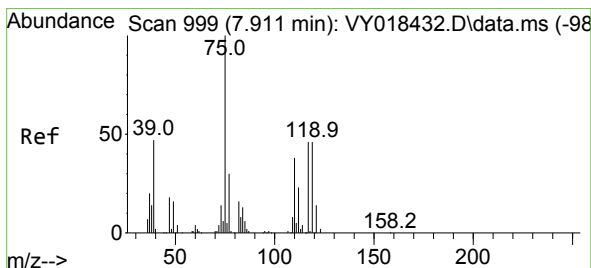
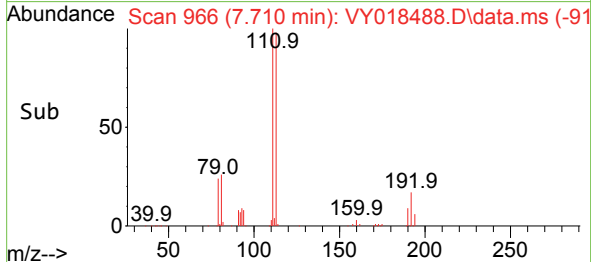
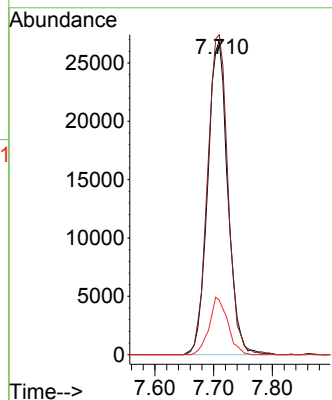
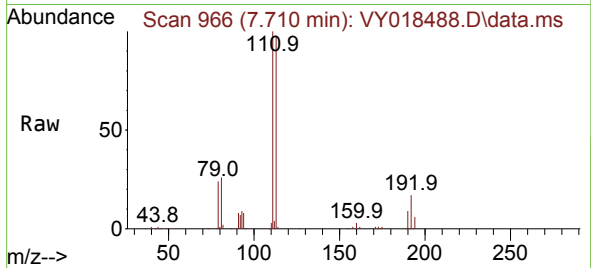




#35
Dibromofluoromethane
Concen: 41.585 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

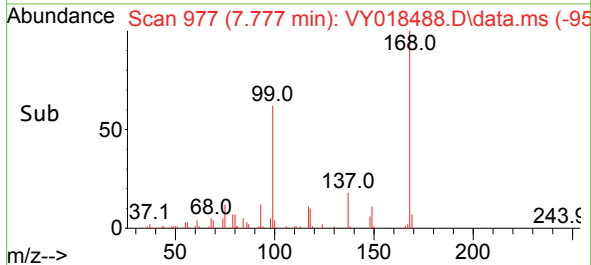
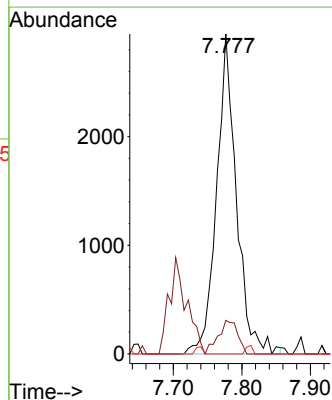
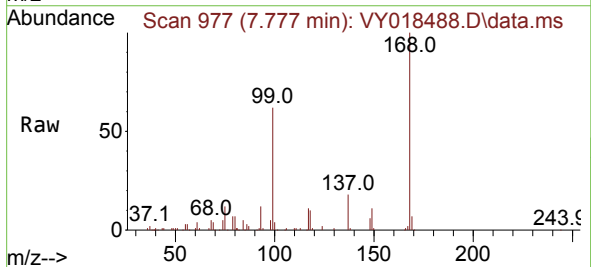
Instrument :
MSVOA_Y
ClientSampleId :

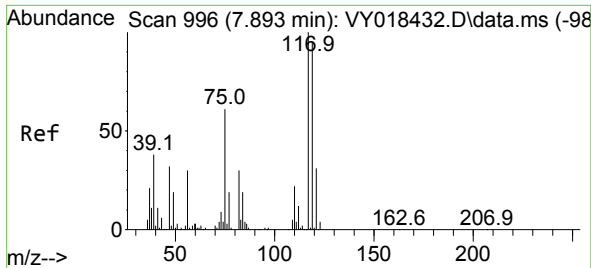
Tgt Ion:113 Resp: 63831
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.535 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

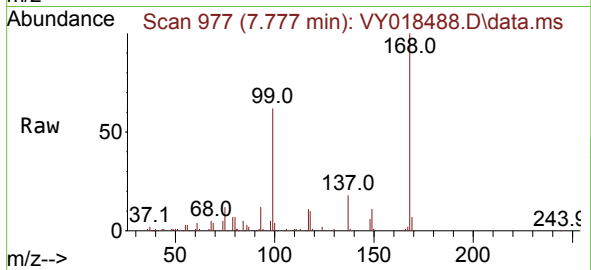
Tgt Ion: 75 Resp: 5932
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.0 25.3 37.9#



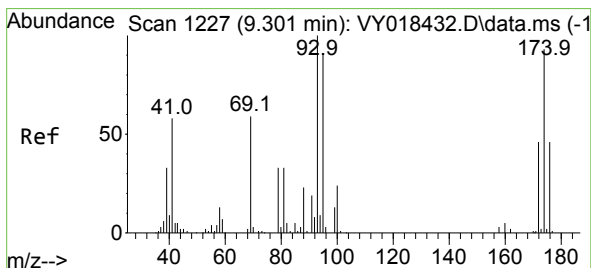
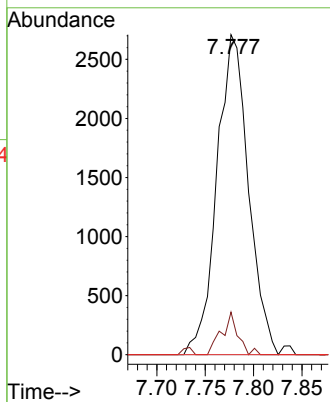
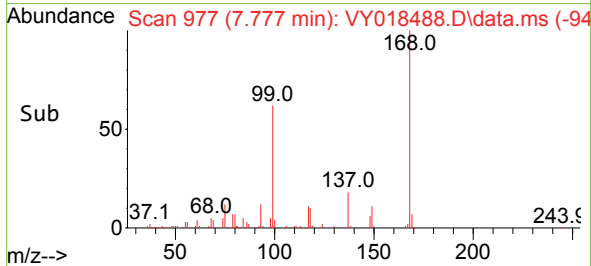


#38
Carbon Tetrachloride
Concen: 2.622 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

Instrument :
MSVOA_Y
ClientSampleId :

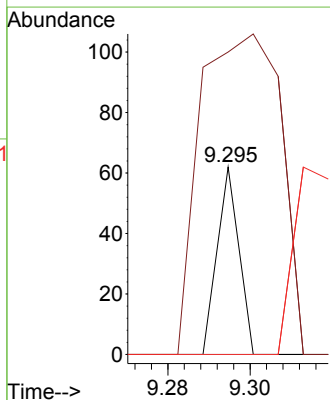
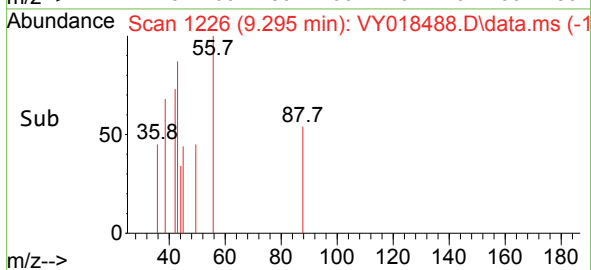
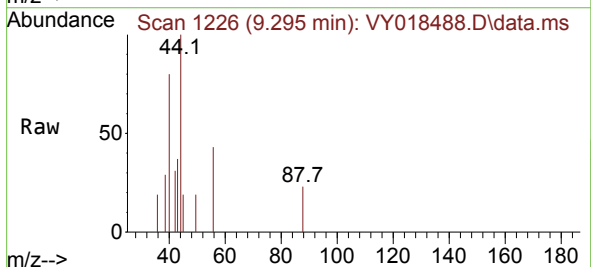


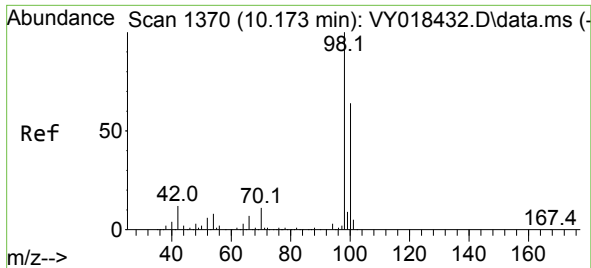
Tgt Ion:117 Resp: 6150
Ion Ratio Lower Upper
117 100
119 13.3 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.905 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 626.1 0.0 0.0#
58 273.9 49.3 73.9#

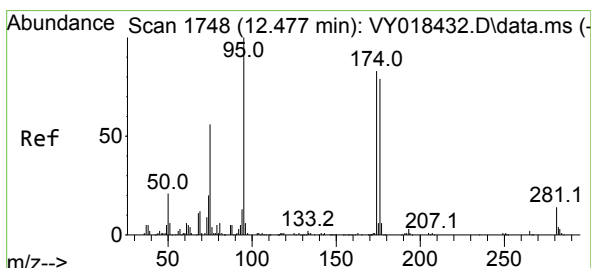
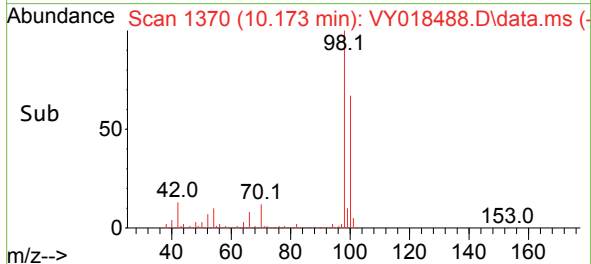
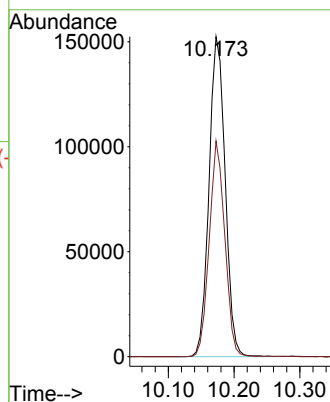
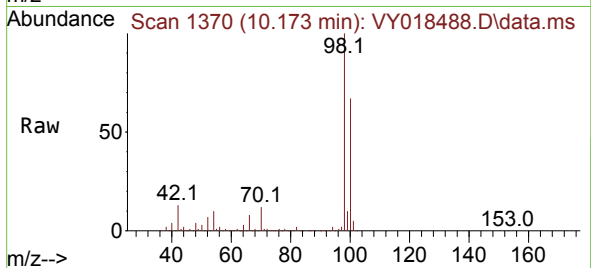




#50
Toluene-d8
Concen: 42.654 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

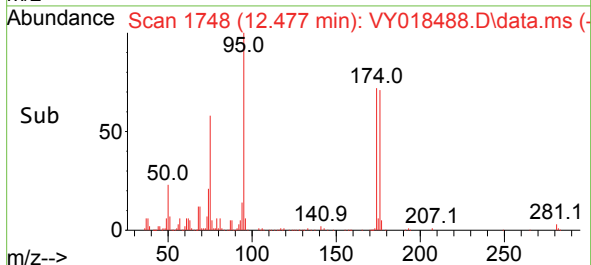
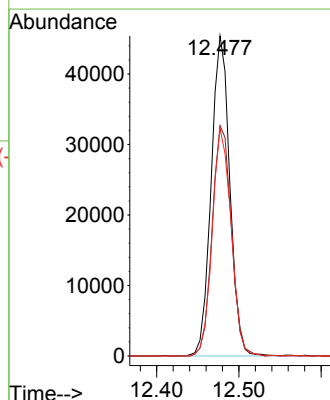
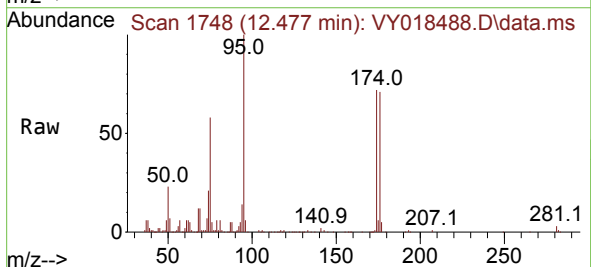
Instrument :
MSVOA_Y
ClientSampleId :

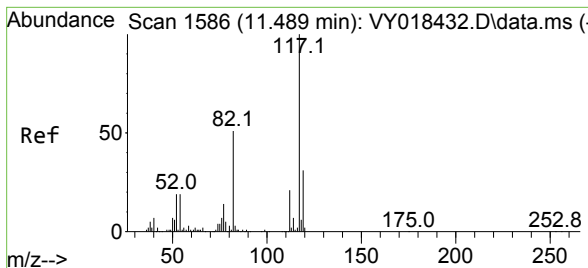
Tgt Ion: 98 Resp: 260466
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.526 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

Tgt Ion: 95 Resp: 71348
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 72.1 0.0 171.4

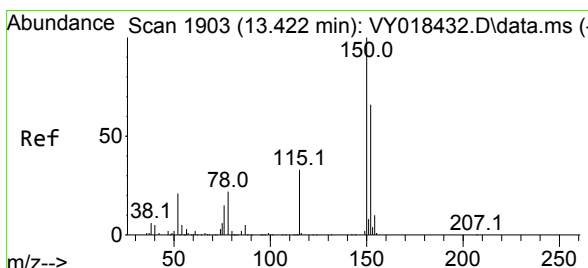
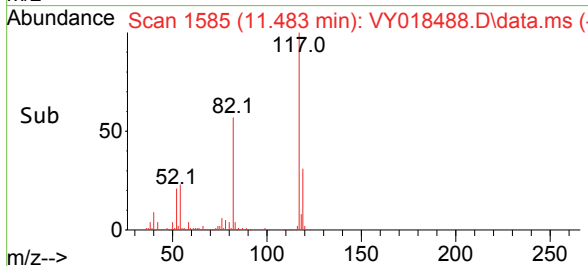
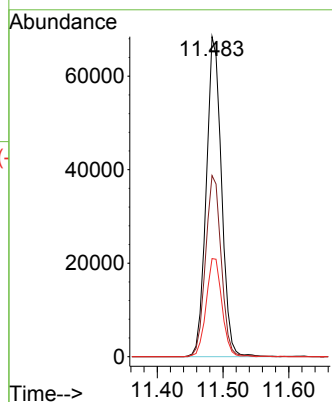
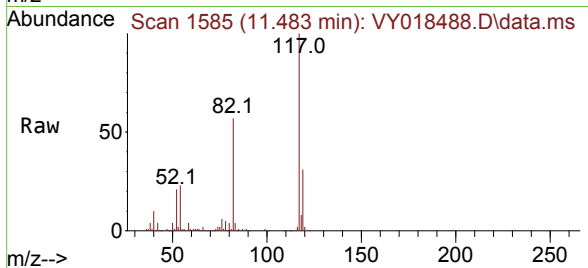




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

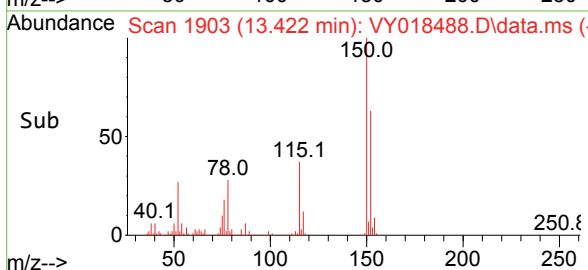
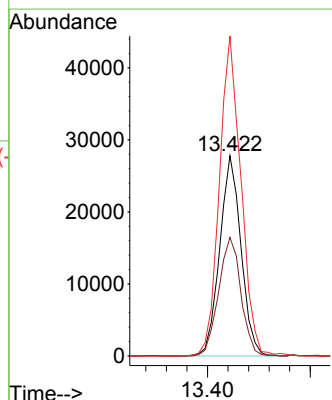
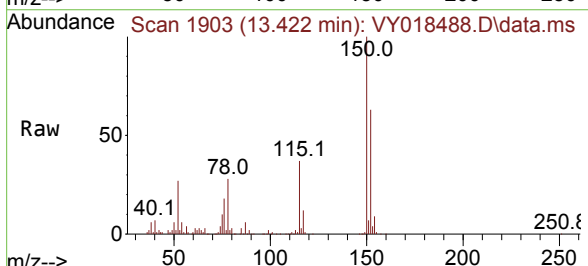
Instrument :
MSVOA_Y
ClientSampleId :

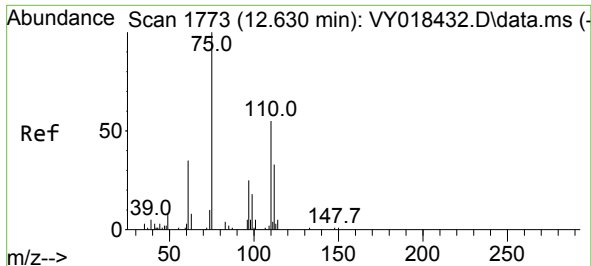
Tgt Ion:117 Resp: 110341
Ion Ratio Lower Upper
117 100
82 56.6 42.4 63.6
119 30.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

Tgt Ion:152 Resp: 39955
Ion Ratio Lower Upper
152 100
115 61.7 28.2 84.7
150 162.1 0.0 345.6

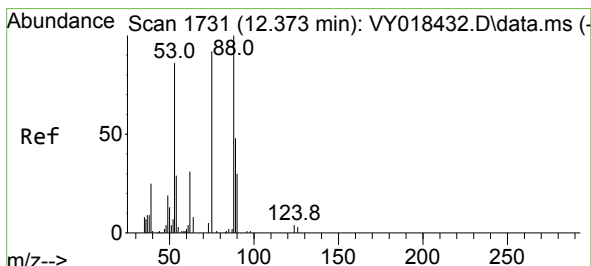
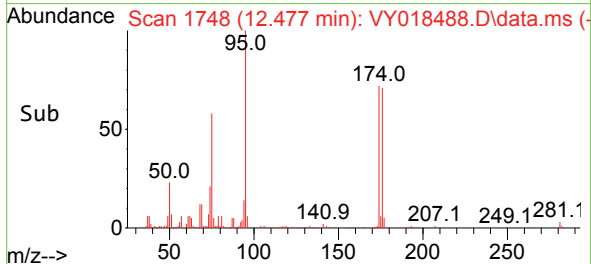
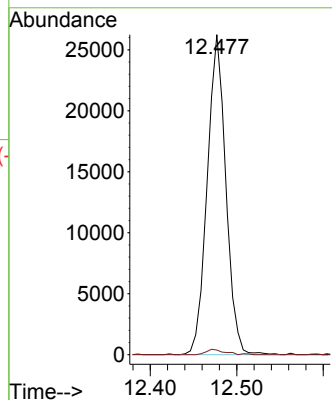
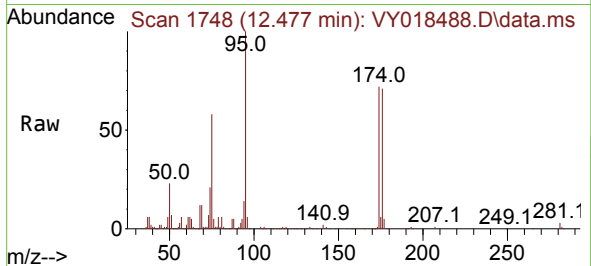




#76
1,2,3-Trichloropropane
Concen: 79.199 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39239
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 166.392 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018488.D
Acq: 05 Jun 2024 16:35

Tgt Ion: 75 Resp: 39239
Ion Ratio Lower Upper
75 100
53 1.1 66.8 100.2#
89 0.3 35.8 53.6#

