

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018465.D
 Acq On : 04 Jun 2024 15:41
 Operator : SY/MD
 Sample : P2587-01
 Misc : 2.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:26:42 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)

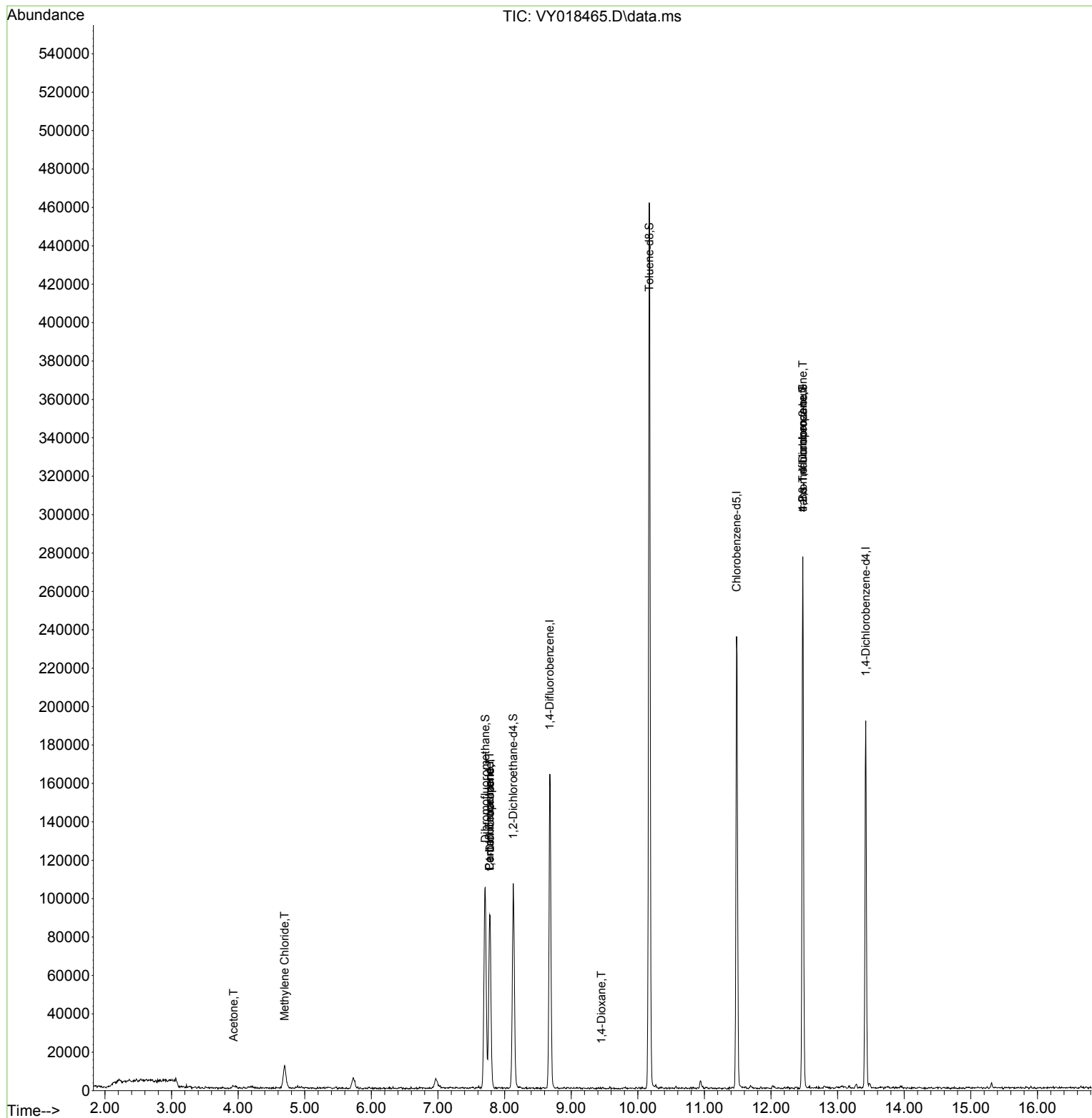
Internal Standards						
1) Pentafluorobenzene	7.777	168	65488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	132923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	125552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	74612	58.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.020%
35) Dibromofluoromethane	7.710	113	73365	43.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.060%
50) Toluene-d8	10.173	98	292722	43.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.300%
62) 4-Bromofluorobenzene	12.477	95	81217	38.901	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.800%
Target Compounds						
11) Tert butyl alcohol	4.917	59	557	Below Cal	#	76
16) Acetone	3.930	43	2364	8.282	ug/l #	83
20) Methylene Chloride	4.698	84	8549	2.494	ug/l	92
36) 1,1-Dichloropropene	7.783	75	6820	2.654	ug/l #	48
38) Carbon Tetrachloride	7.777	117	6797	2.639	ug/l #	15
49) 1,4-Dioxane	9.453	88	27	2.036	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	45397	83.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45397	175.270	ug/l #	16

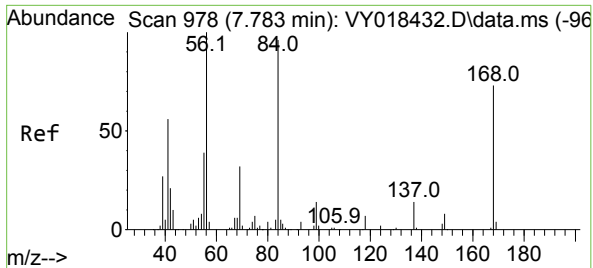
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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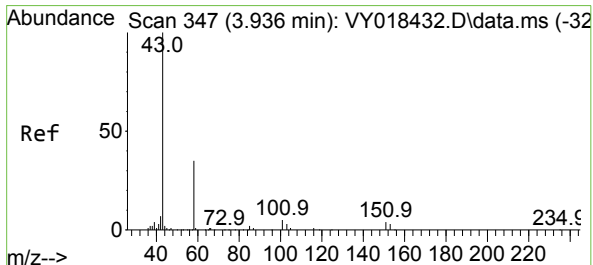
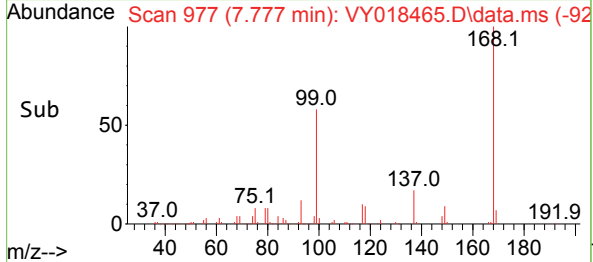
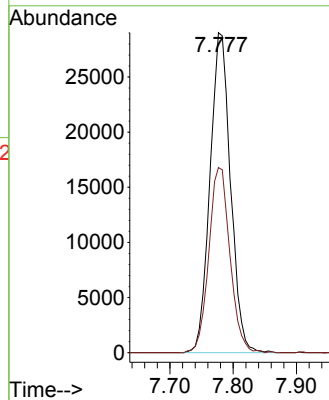
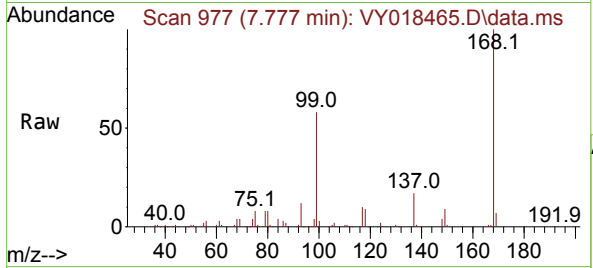




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

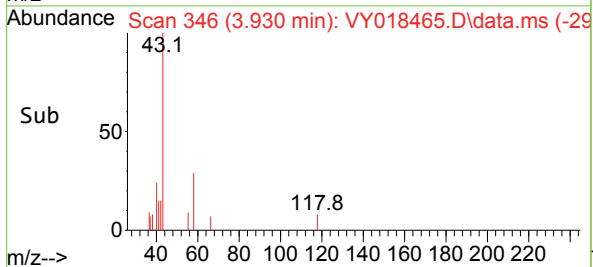
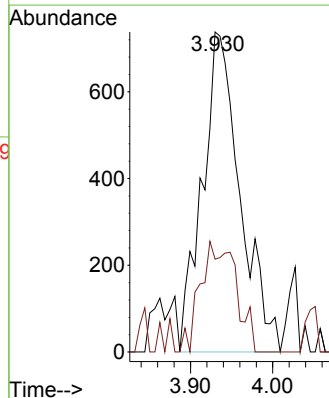
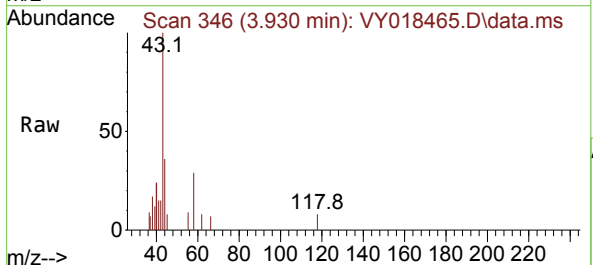
Instrument :
MSVOA_Y
ClientSampleId :

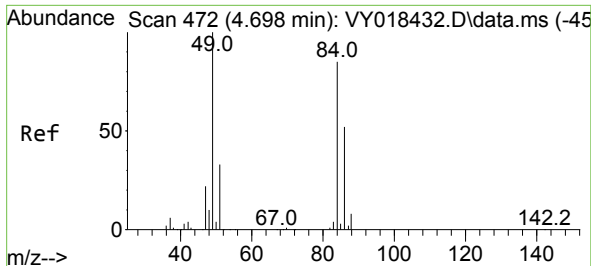
Tgt Ion:168 Resp: 65488
Ion Ratio Lower Upper
168 100
99 57.9 39.1 58.7



#16
Acetone
Concen: 8.282 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

Tgt Ion: 43 Resp: 2364
Ion Ratio Lower Upper
43 100
58 29.0 31.7 47.5#

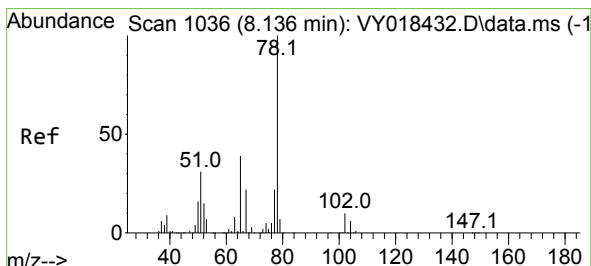
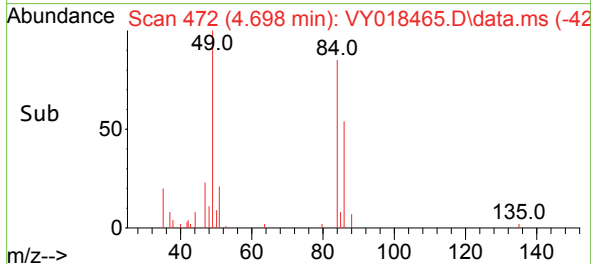
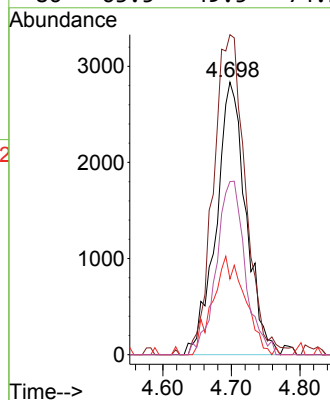
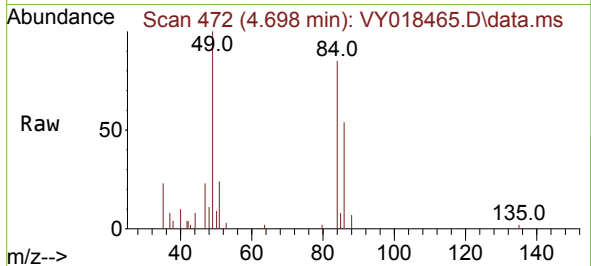




#20
Methylene Chloride
Concen: 2.494 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

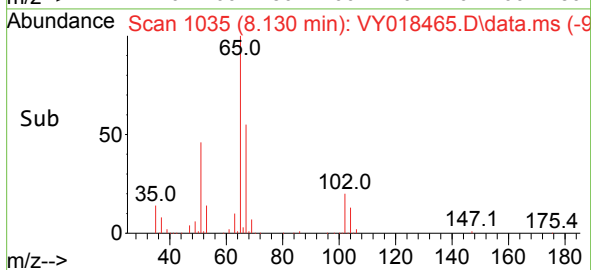
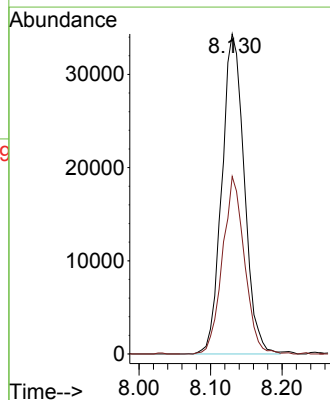
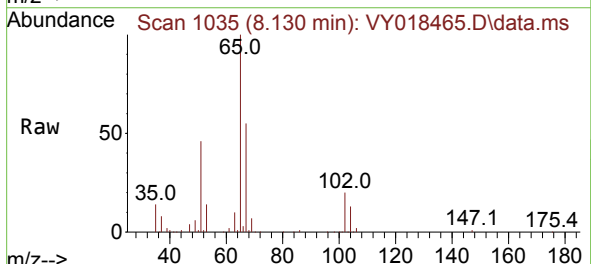
Instrument :
MSVOA_Y
ClientSampleId :

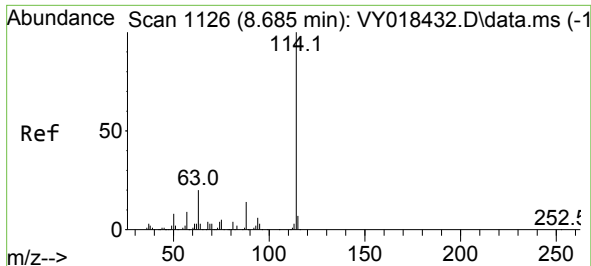
Tgt Ion: 84 Resp: 8549
Ion Ratio Lower Upper
84 100
49 117.4 84.4 126.6
51 27.8 26.0 39.0
86 63.5 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 58.015 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

Tgt Ion: 65 Resp: 74612
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

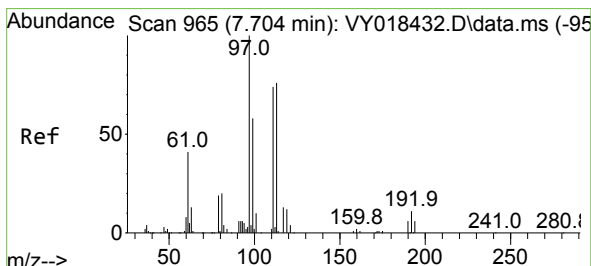
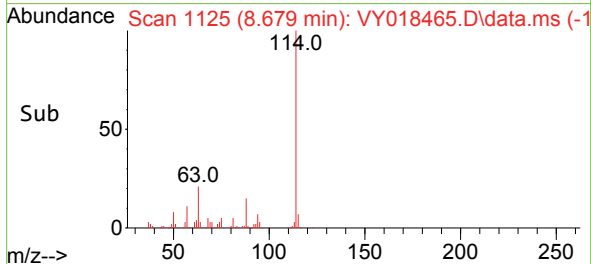
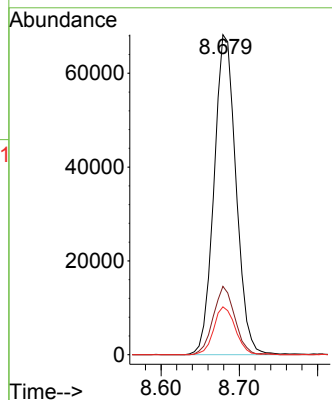
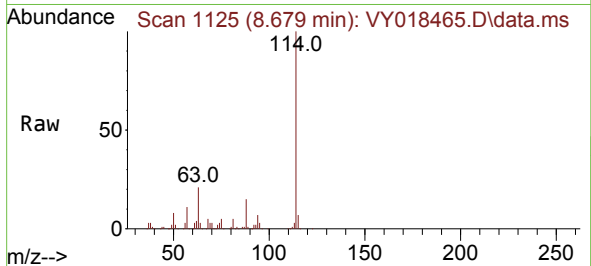




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

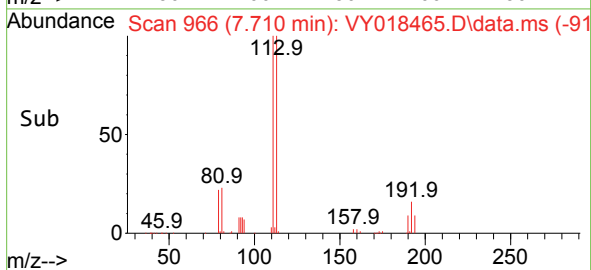
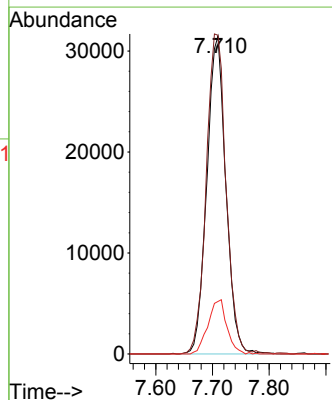
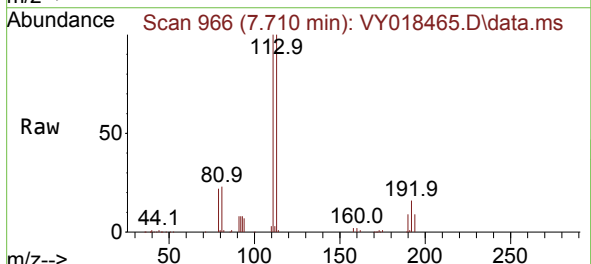
Instrument :
MSVOA_Y
ClientSampleId :

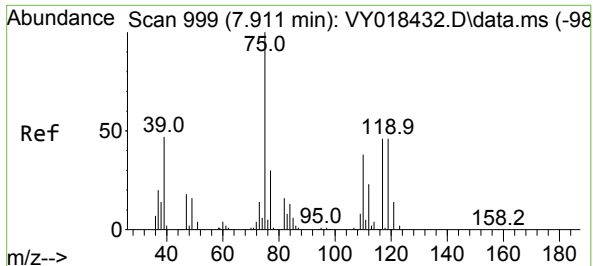
Tgt Ion:114 Resp: 132923
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 14.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 43.526 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

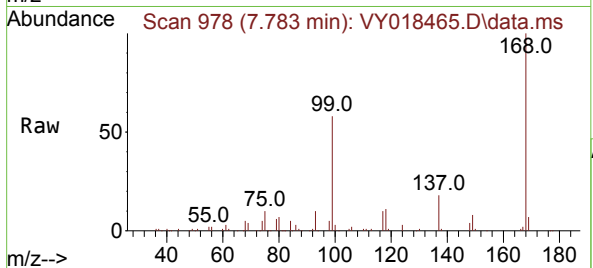
Tgt Ion:113 Resp: 73365
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 17.0 15.9 23.9



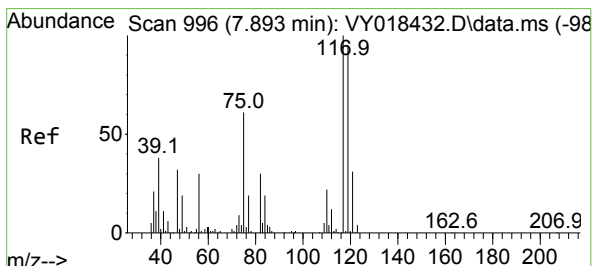
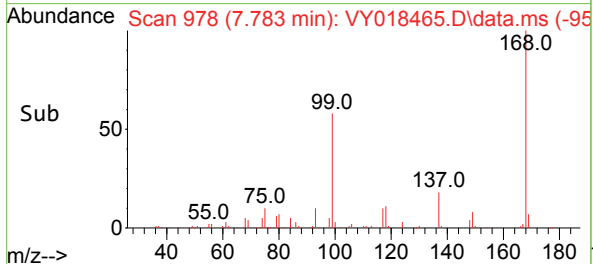
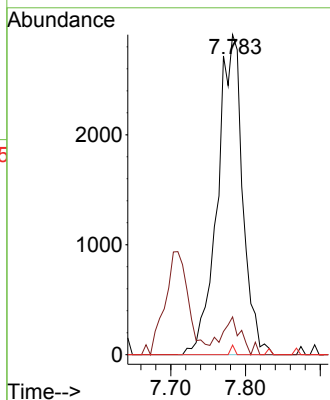


#36
1,1-Dichloropropene
Concen: 2.654 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

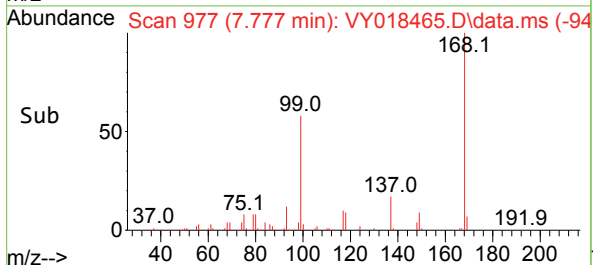
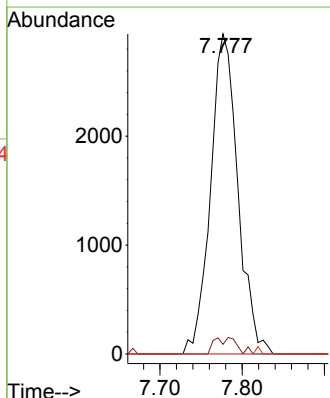
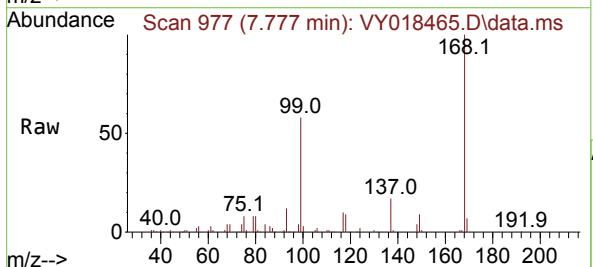


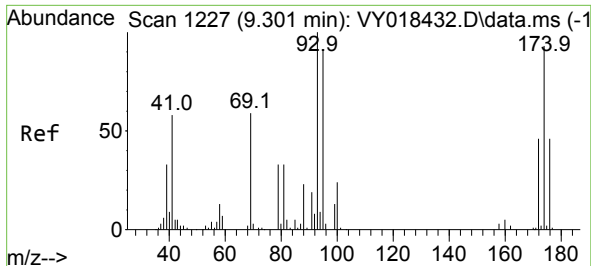
Tgt Ion: 75 Resp: 6820
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.5 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 2.639 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

Tgt Ion: 117 Resp: 6797
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.036 ug/l

RT: 9.453 min Scan# 11

Delta R.T. 0.152 min

Lab File: VY018465.D

Acq: 04 Jun 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

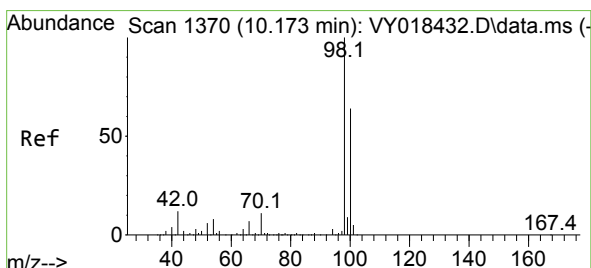
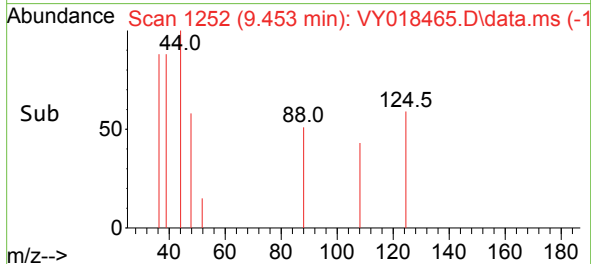
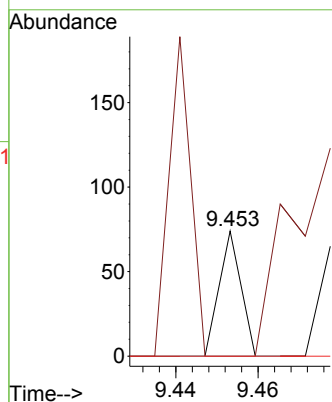
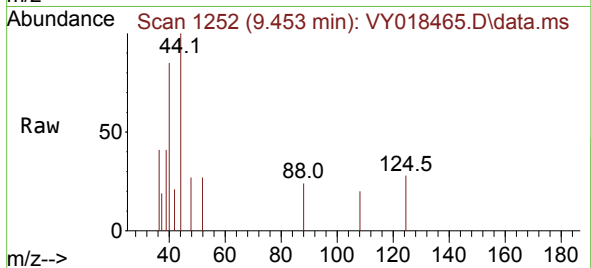
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 255.6 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 43.654 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018465.D

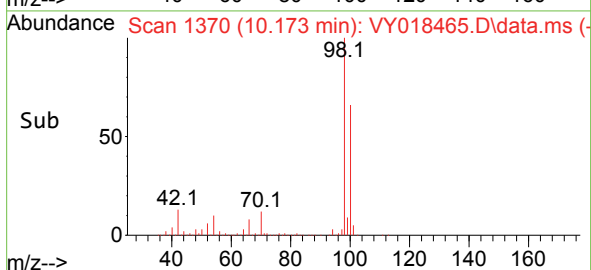
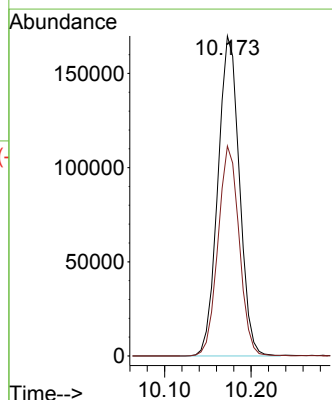
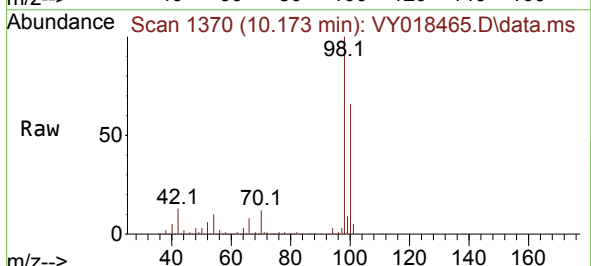
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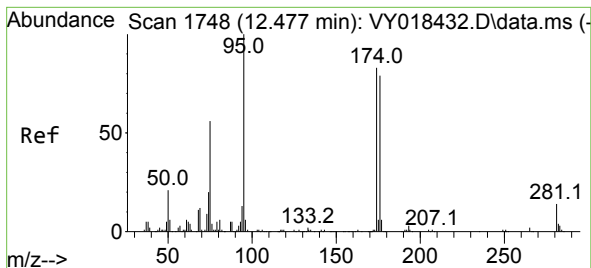
Tgt Ion: 98 Resp: 292722

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

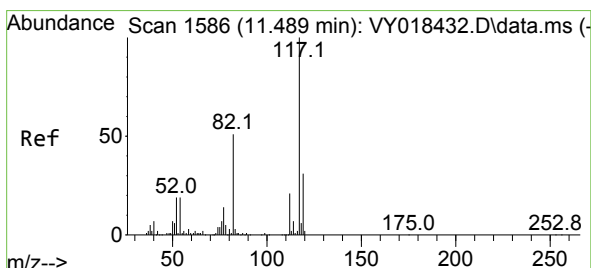
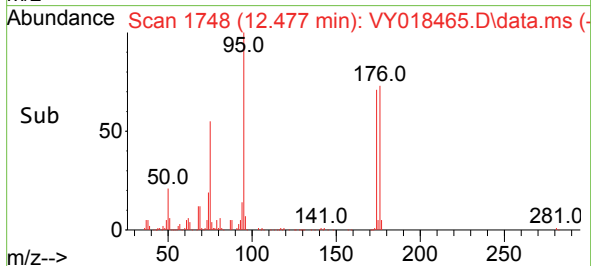
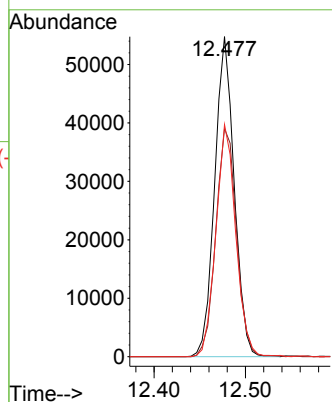
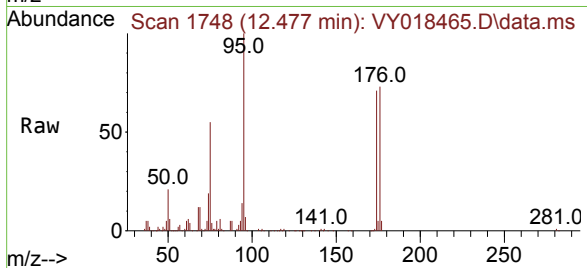




#62
4-Bromofluorobenzene
Concen: 38.901 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

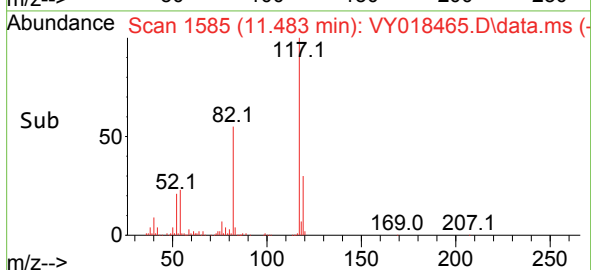
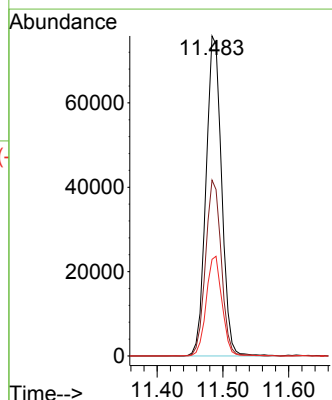
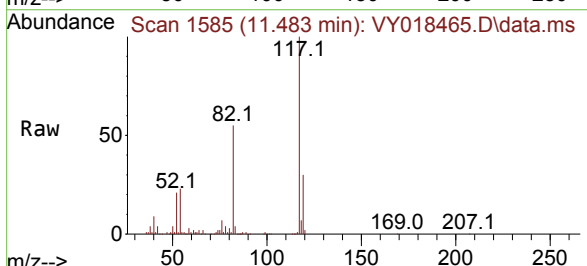
Instrument :
MSVOA_Y
ClientSampleId :

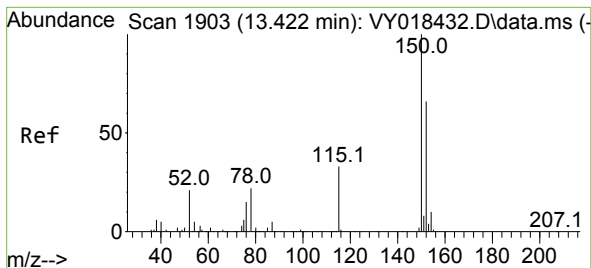
Tgt Ion: 95 Resp: 81217
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 74.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

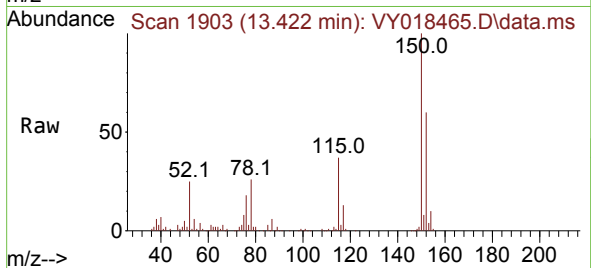
Tgt Ion: 117 Resp: 125552
Ion Ratio Lower Upper
117 100
82 55.0 42.4 63.6
119 30.2 25.9 38.9



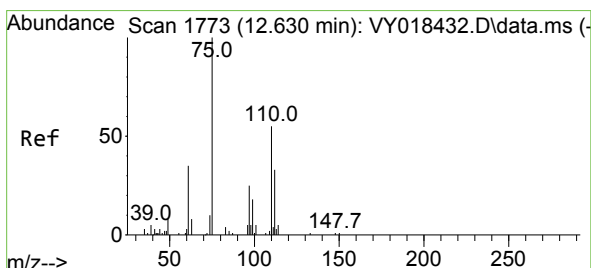
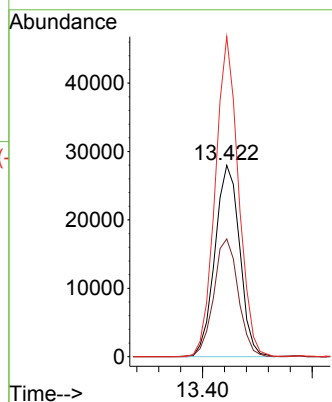
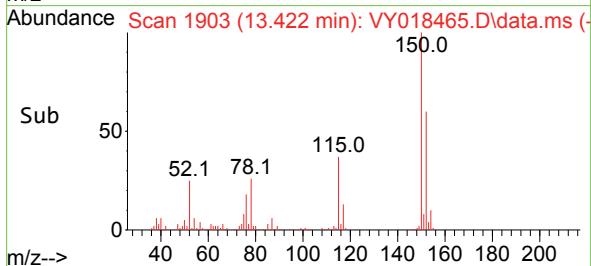


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018465.D
 Acq: 04 Jun 2024 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :

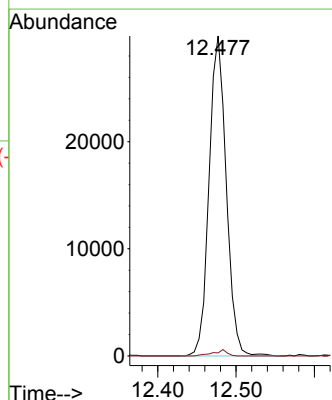
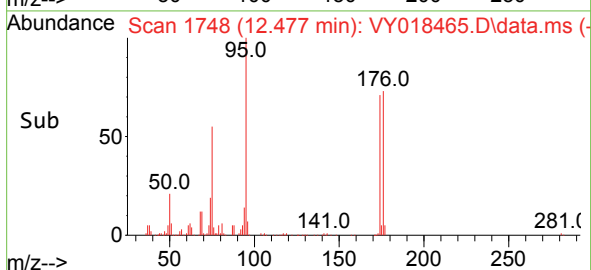
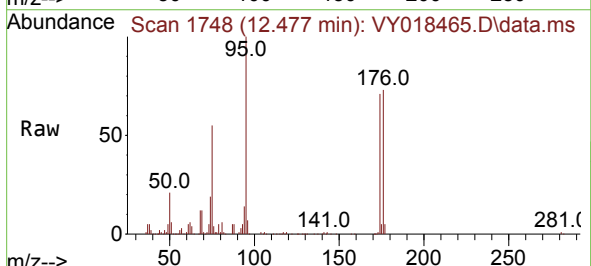


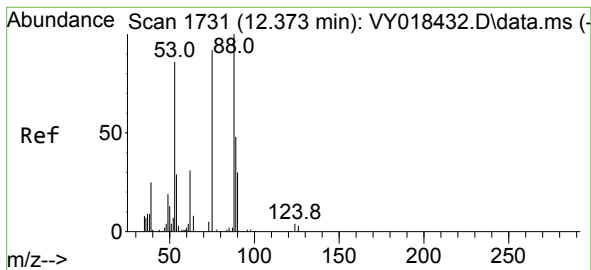
Tgt Ion:152 Resp: 43884
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.2 84.7
 150 156.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 83.425 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018465.D
 Acq: 04 Jun 2024 15:41

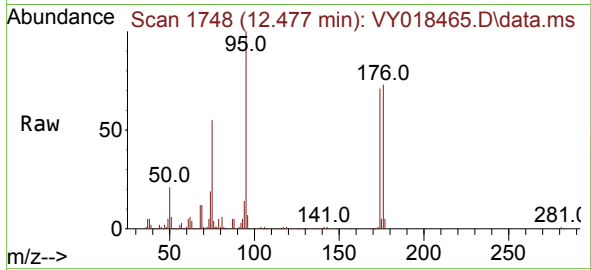
Tgt Ion: 75 Resp: 45397
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 175.270 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018465.D
Acq: 04 Jun 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	45397
Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.2	35.8	53.6#

