

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018497.D
 Acq On : 05 Jun 2024 20:17
 Operator : SY/MD
 Sample : P2668-03
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 06 06:00:54 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)

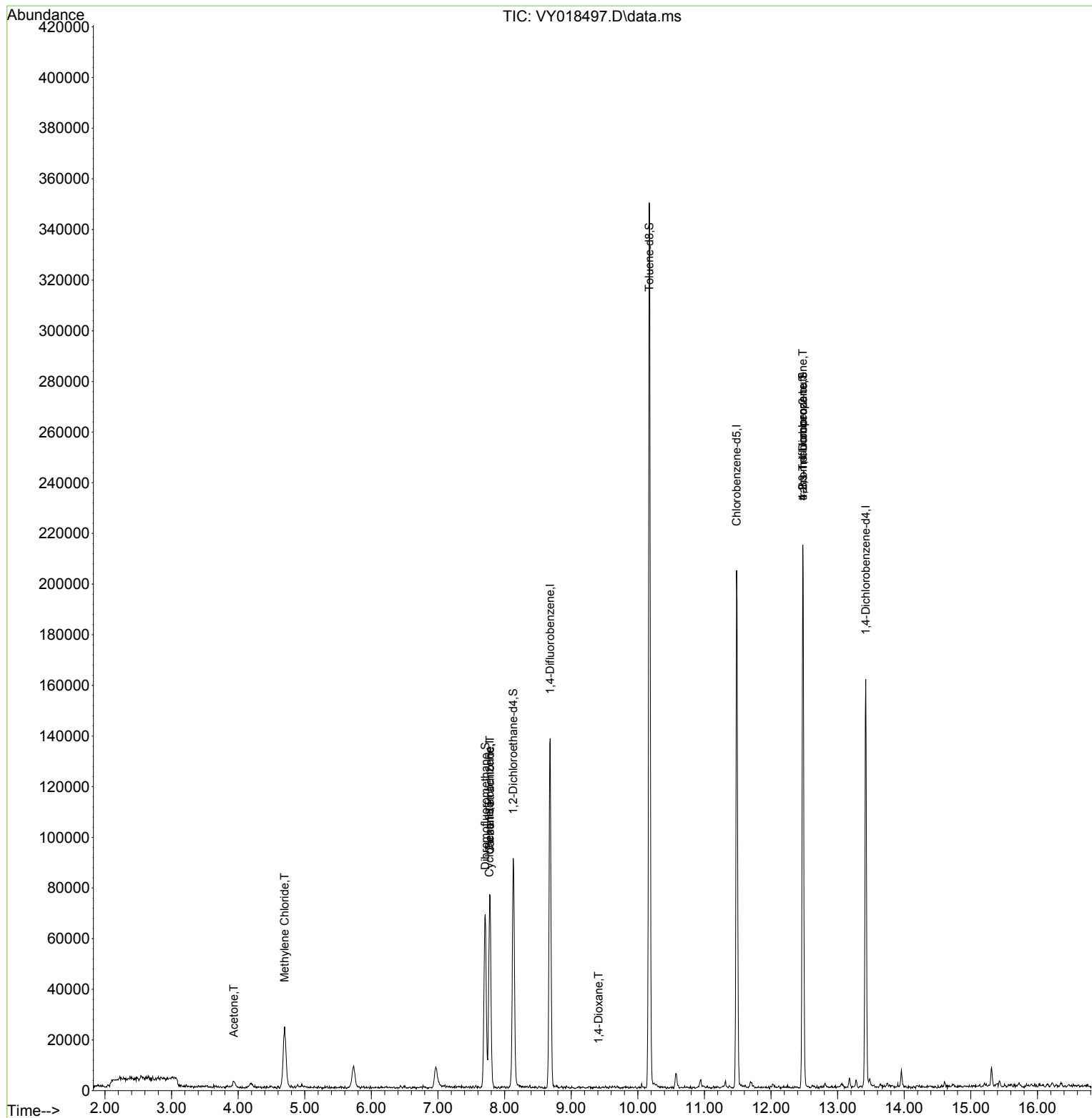
Internal Standards						
1) Pentafluorobenzene	7.777	168	52745	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	112621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	104329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	66837	64.525	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	129.060%	
35) Dibromofluoromethane	7.710	113	48039	33.638	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	67.280%	
50) Toluene-d8	10.173	98	222722	39.202	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	78.400%	
62) 4-Bromofluorobenzene	12.477	95	60592	34.253	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	68.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	371	Below Cal	#	88
16) Acetone	3.936	43	4176	18.164	ug/l #	82
20) Methylene Chloride	4.698	84	16431	10.007	ug/l #	72
31) Cyclohexane	7.771	56	2073	1.073	ug/l #	44
38) Carbon Tetrachloride	7.783	117	5988	2.744	ug/l #	15
49) 1,4-Dioxane	9.410	88	20	1.780	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	35416	77.704	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35416	163.252	ug/l #	16

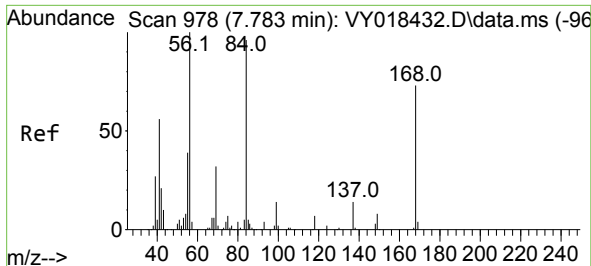
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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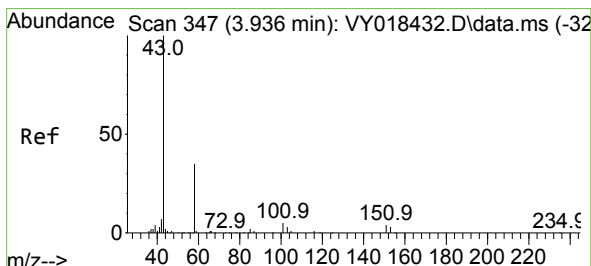
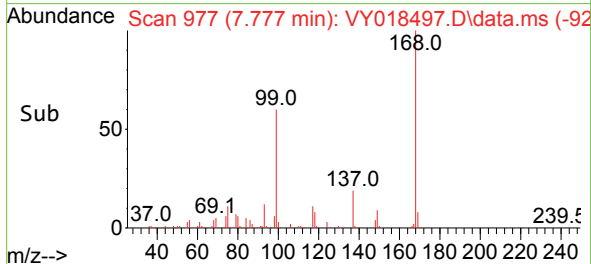
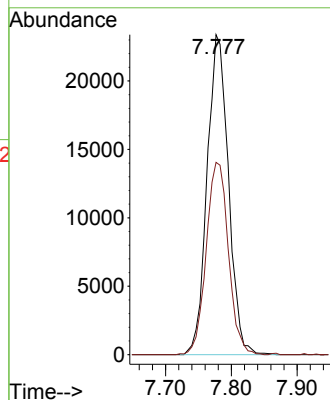
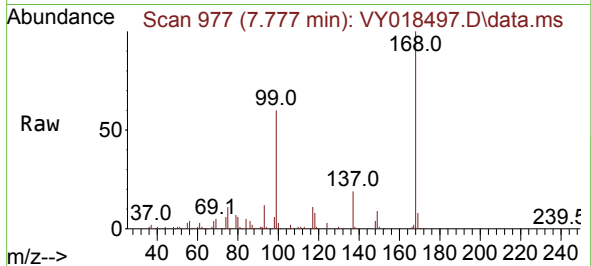




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

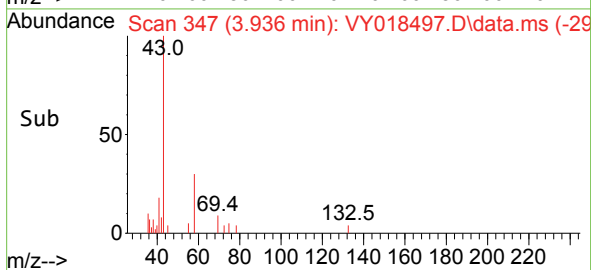
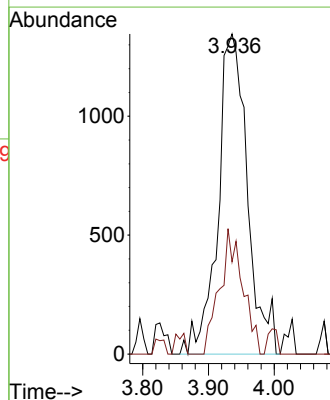
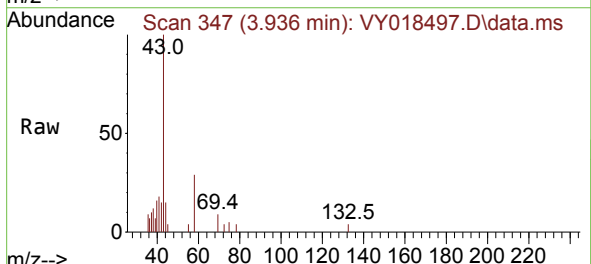
Instrument :
MSVOA_Y
ClientSampleId :

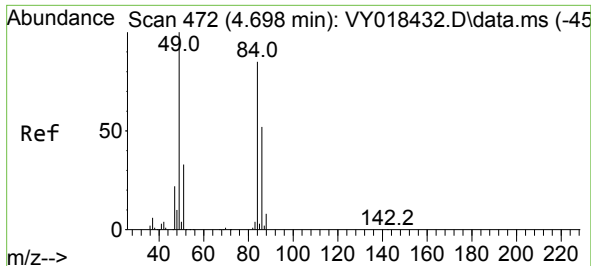
Tgt Ion:168 Resp: 52745
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#16
Acetone
Concen: 18.164 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

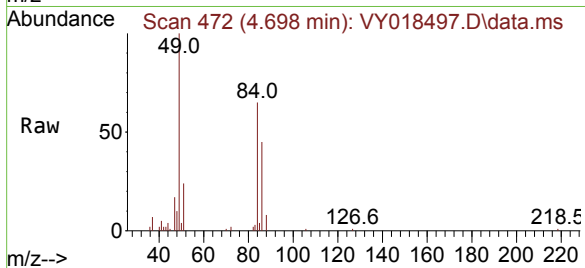
Tgt Ion: 43 Resp: 4176
Ion Ratio Lower Upper
43 100
58 28.8 31.7 47.5#



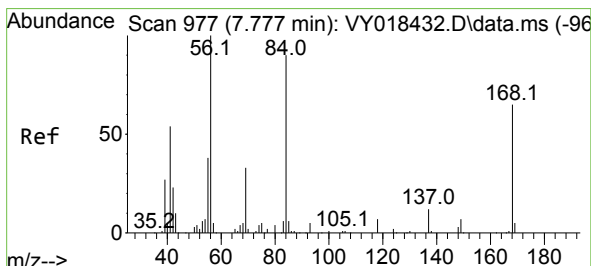
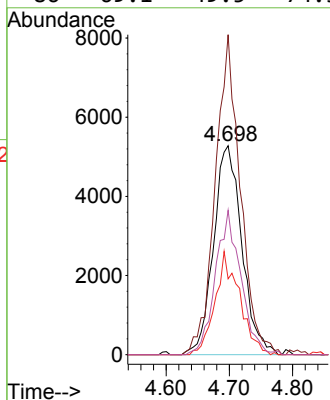
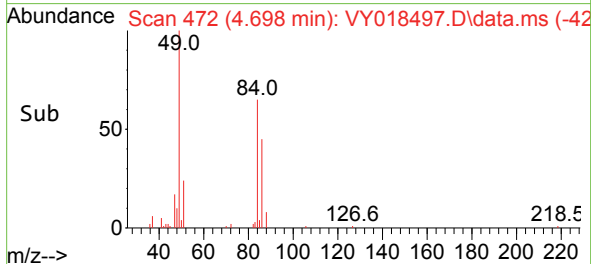


#20
Methylene Chloride
Concen: 10.007 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :

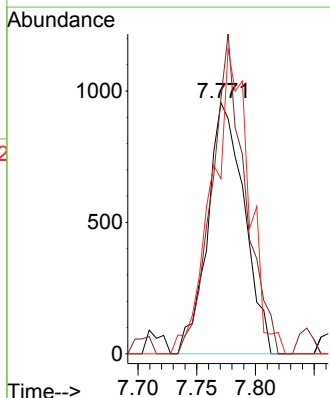
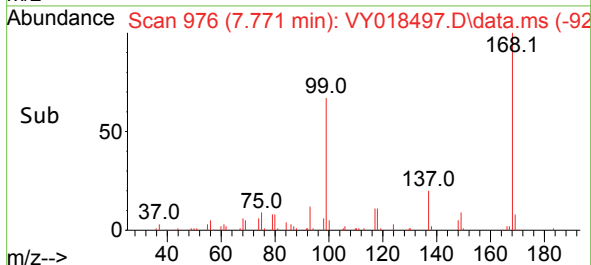
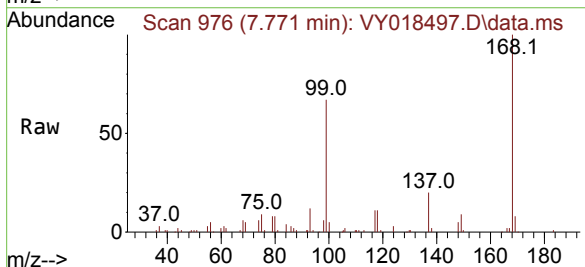


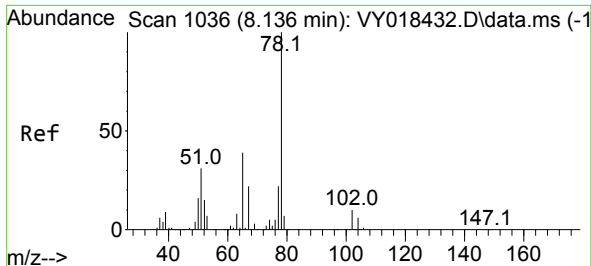
Tgt Ion: 84 Resp: 16431
Ion Ratio Lower Upper
84 100
49 153.1 84.4 126.6#
51 36.3 26.0 39.0
86 69.1 49.5 74.3



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.006 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

Tgt Ion: 56 Resp: 2073
Ion Ratio Lower Upper
56 100
69 101.7 28.7 43.1#
84 62.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 64.525 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018497.D

Acq: 05 Jun 2024 20:17

Instrument :

MSVOA_Y

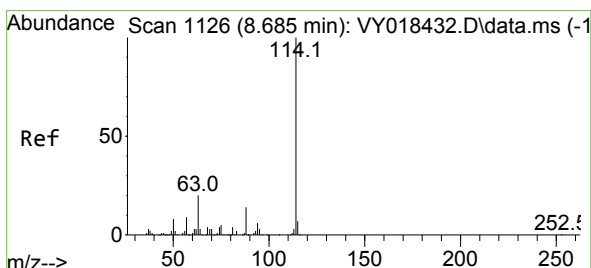
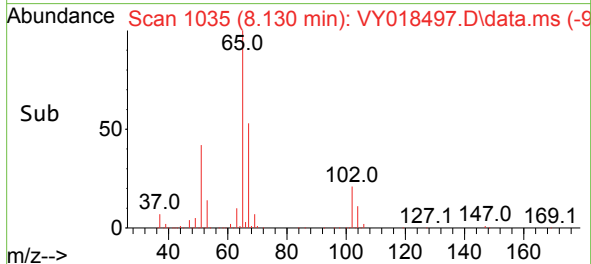
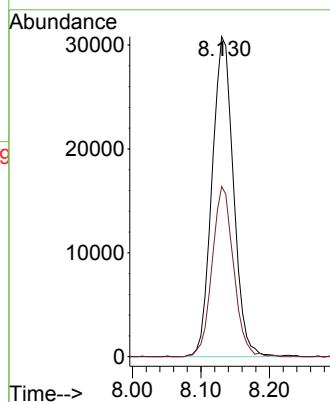
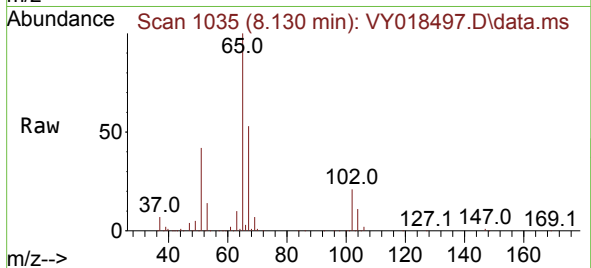
ClientSampleId :

Tgt Ion: 65 Resp: 66837

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018497.D

Acq: 05 Jun 2024 20:17

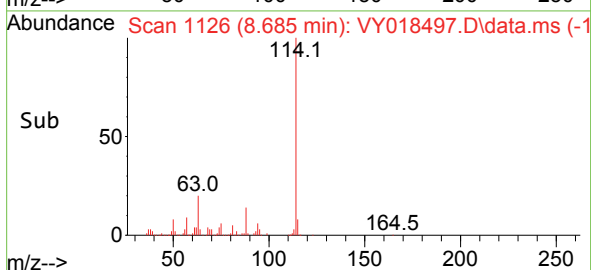
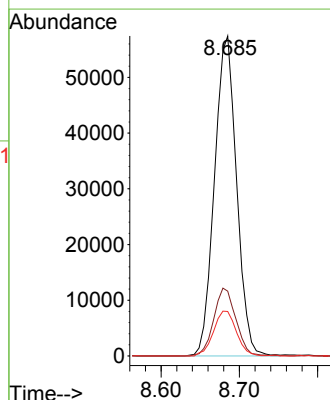
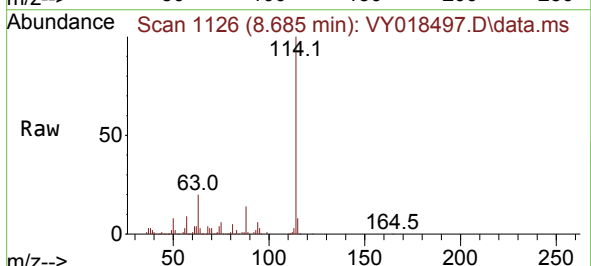
Tgt Ion: 114 Resp: 112621

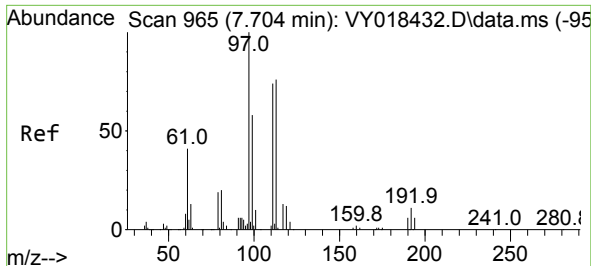
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

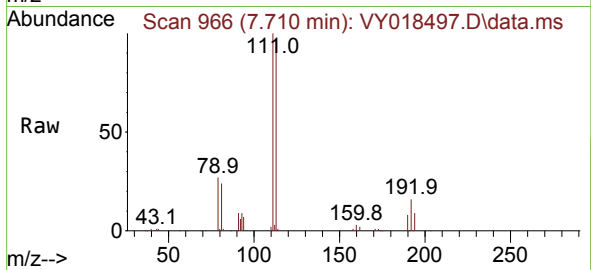
88 13.9 0.0 27.2



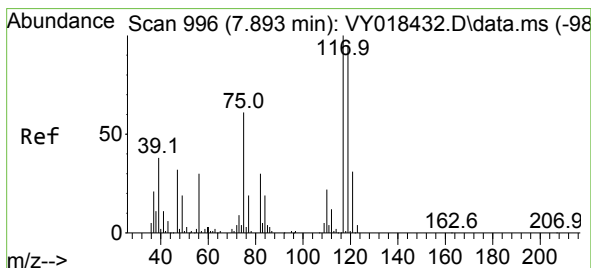
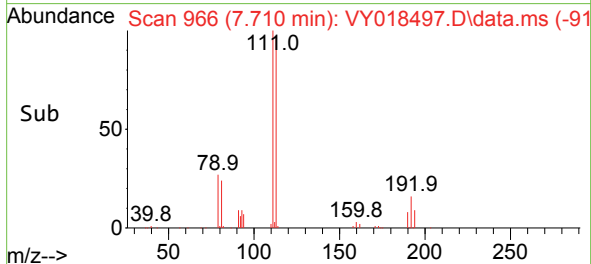
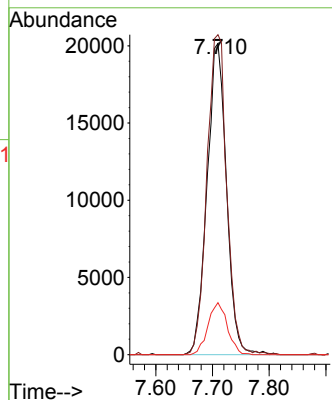


#35
Dibromofluoromethane
Concen: 33.638 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :

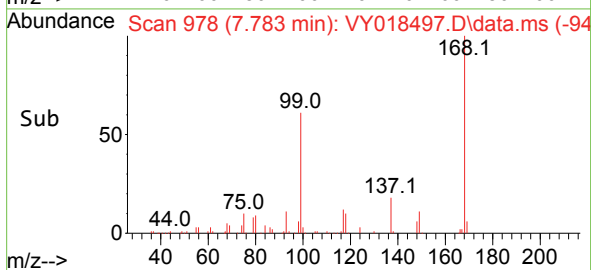
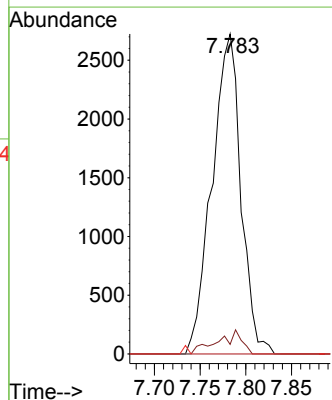
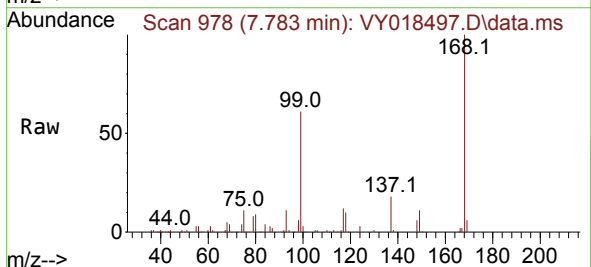


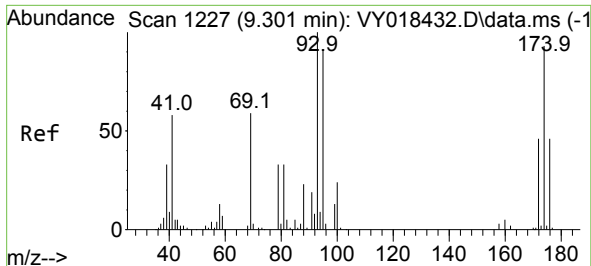
Tgt Ion:113 Resp: 48039
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 16.7 15.9 23.9



#38
Carbon Tetrachloride
Concen: 2.744 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

Tgt Ion:117 Resp: 5988
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: 1.780 ug/l

RT: 9.410 min Scan# 11

Delta R.T. 0.110 min

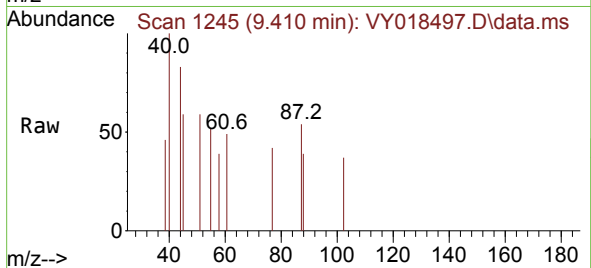
Lab File: VY018497.D

Acq: 05 Jun 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :



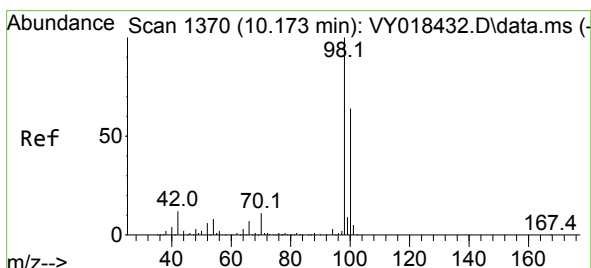
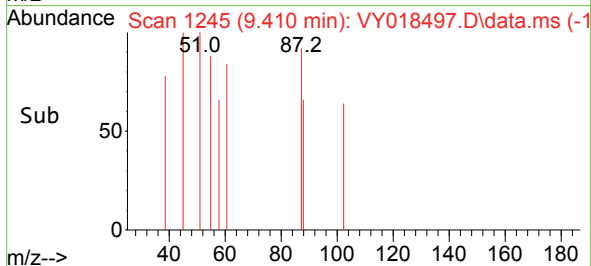
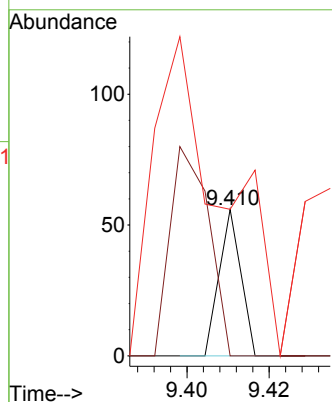
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 260.0 0.0 0.0#

58 720.0 49.3 73.9#



#50

Toluene-d8

Concen: 39.202 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018497.D

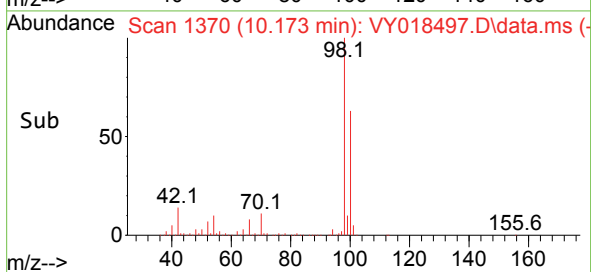
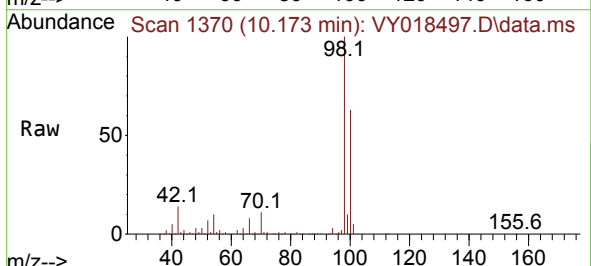
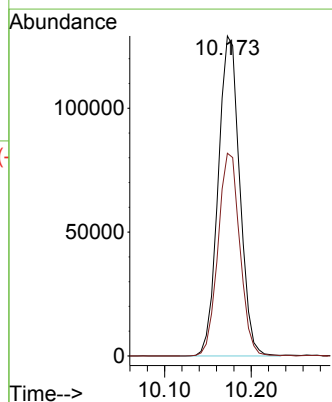
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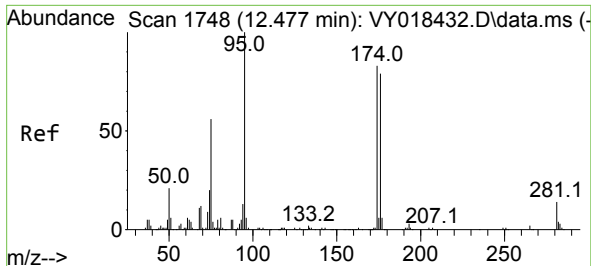
Tgt Ion: 98 Resp: 222722

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

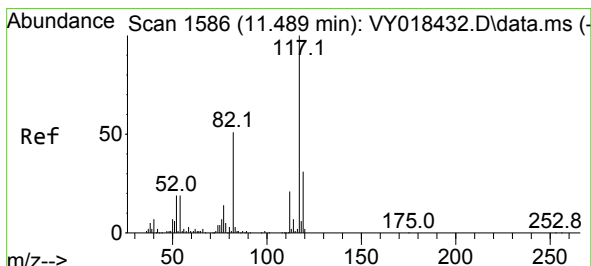
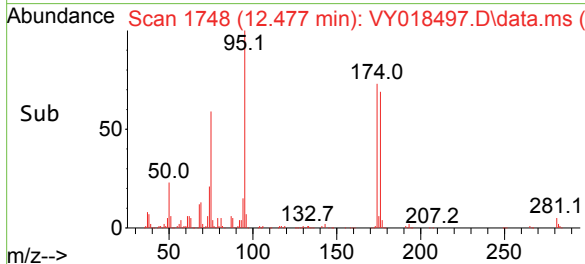
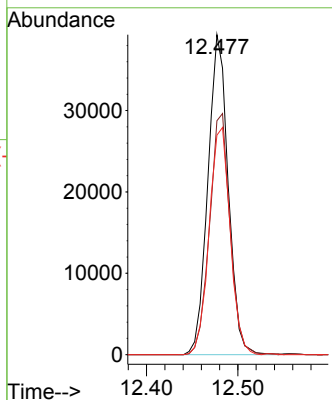
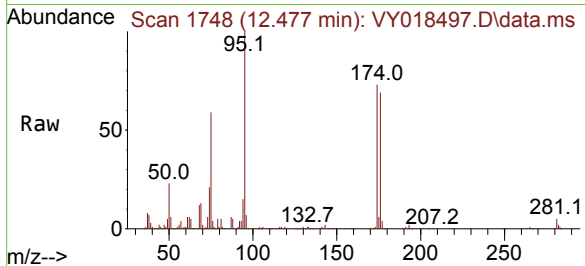




#62
4-Bromofluorobenzene
Concen: 34.253 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

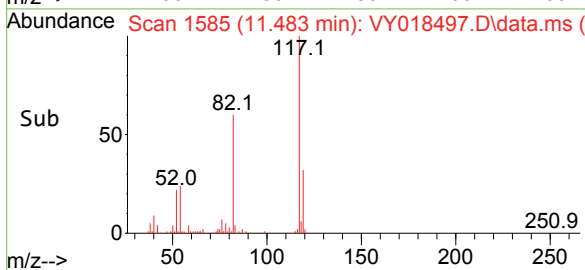
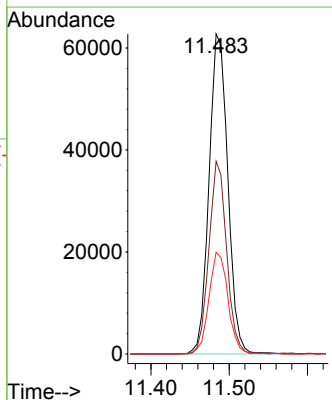
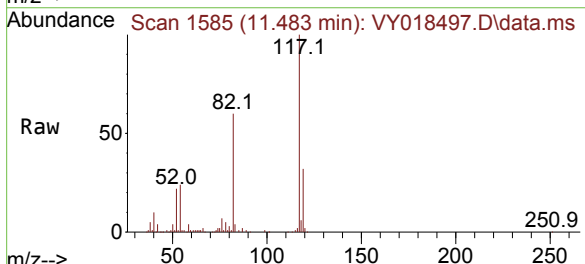
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MSVOA_Y
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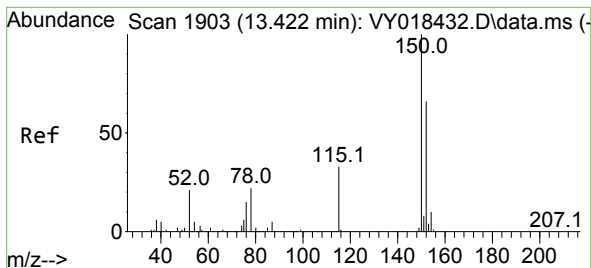
Tgt Ion: 95 Resp: 60592
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 73.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

Tgt Ion: 117 Resp: 104329
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 31.8 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

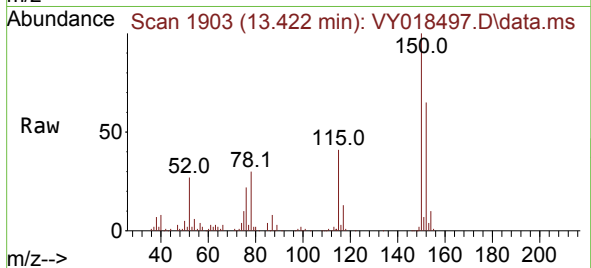
Lab File: VY018497.D

Acq: 05 Jun 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :



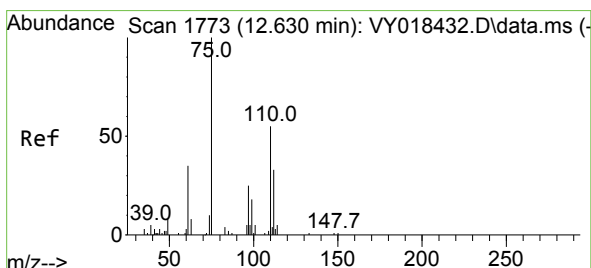
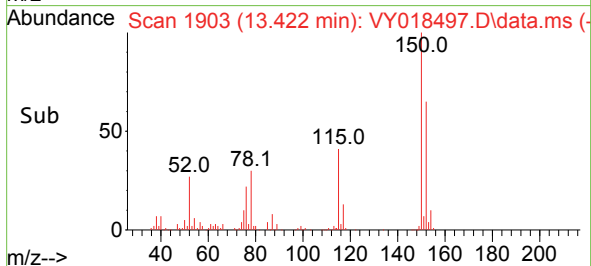
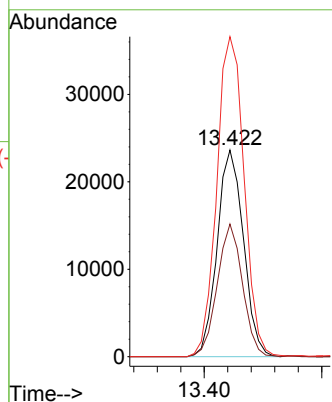
Tgt Ion:152 Resp: 36756

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 160.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 77.704 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018497.D

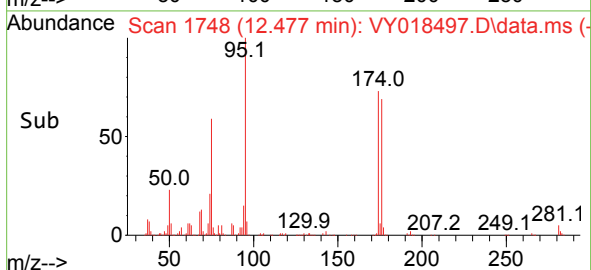
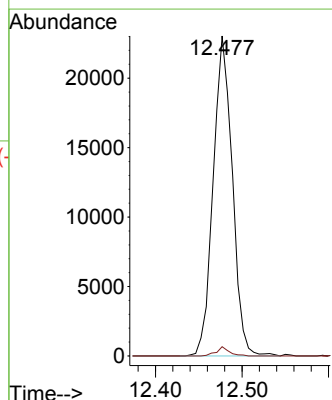
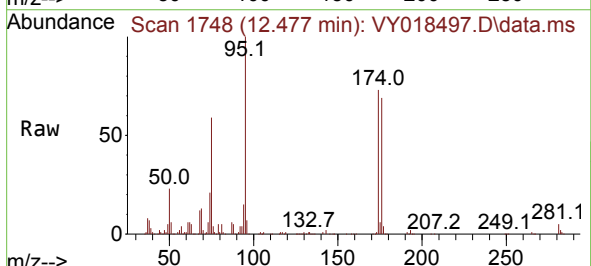
Acq: 05 Jun 2024 20:17

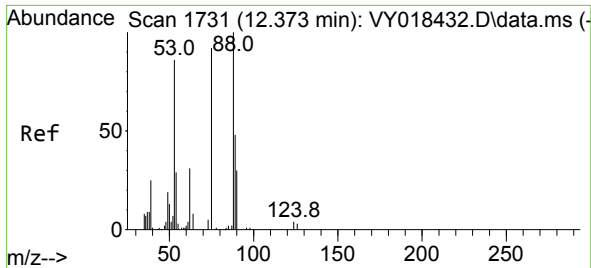
Tgt Ion: 75 Resp: 35416

Ion Ratio Lower Upper

75 100

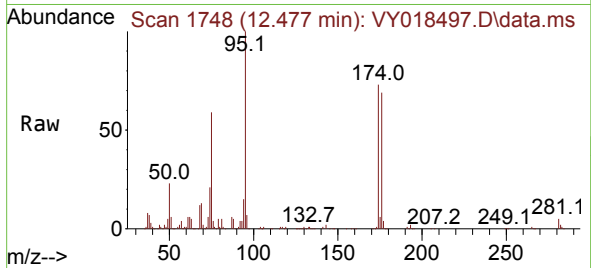
77 1.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 163.252 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018497.D
Acq: 05 Jun 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 35416
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.3 35.8 53.6#

