

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018493.D
 Acq On : 05 Jun 2024 18:39
 Operator : SY/MD
 Sample : P2683-04
 Misc : 7.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 06 05:59:12 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)

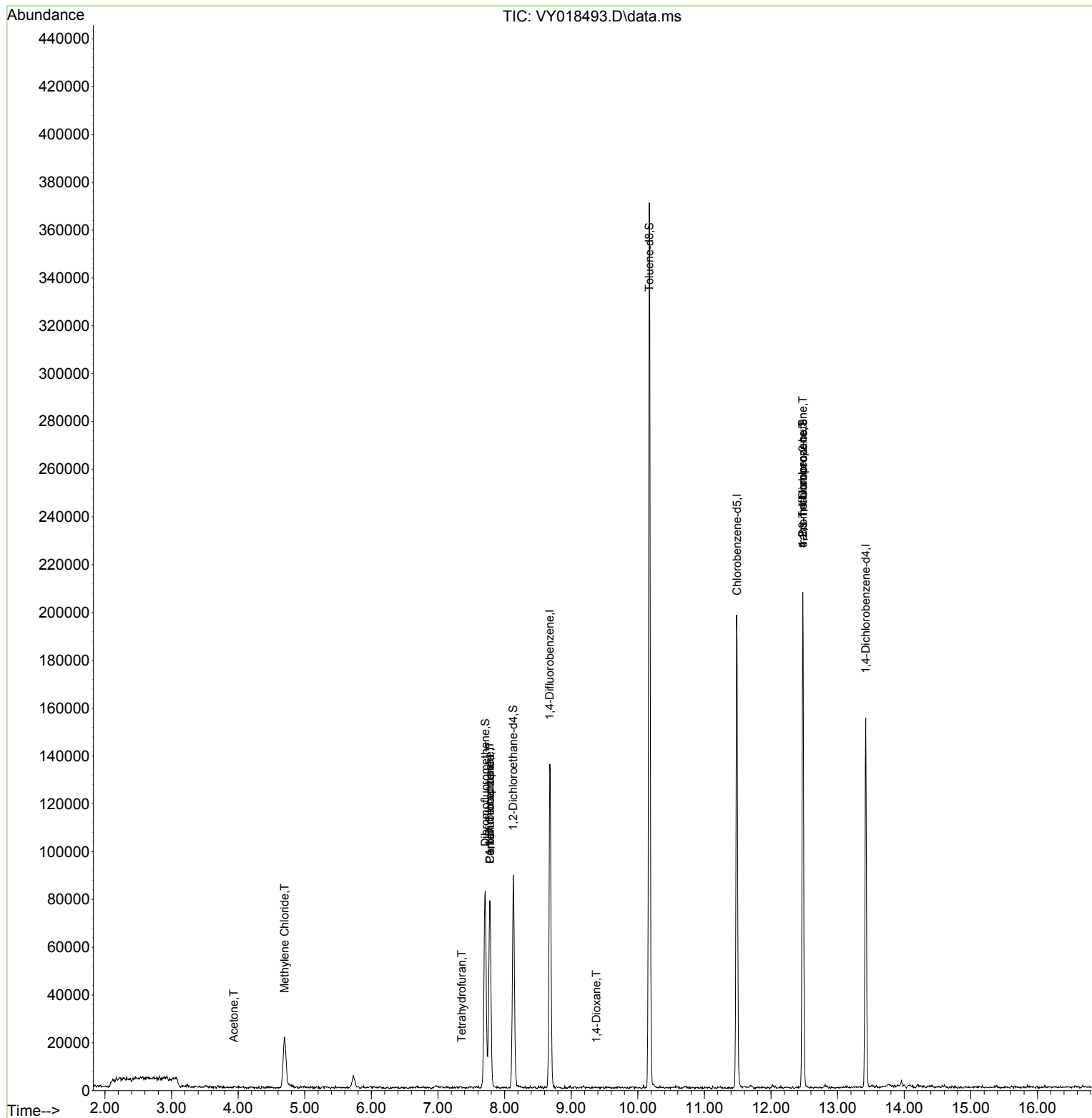
Internal Standards						
1) Pentafluorobenzene	7.783	168	55248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	109296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	99421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60778	56.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.040%
35) Dibromofluoromethane	7.710	113	57365	41.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.780%
50) Toluene-d8	10.173	98	228558	41.453	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.900%
62) 4-Bromofluorobenzene	12.477	95	59724	34.790	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	270	Below Cal	#	82
16) Acetone	3.936	43	387	1.607	ug/l #	26
20) Methylene Chloride	4.698	84	14945	8.288	ug/l #	83
29) Tetrahydrofuran	7.356	42	434	1.811	ug/l #	67
36) 1,1-Dichloropropene	7.777	75	5436	2.572	ug/l #	51
38) Carbon Tetrachloride	7.783	117	6290	2.970	ug/l #	15
49) 1,4-Dioxane	9.380	88	23	2.110	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	33974	76.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33974	160.594	ug/l #	16

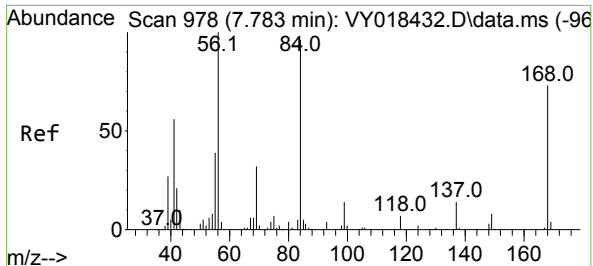
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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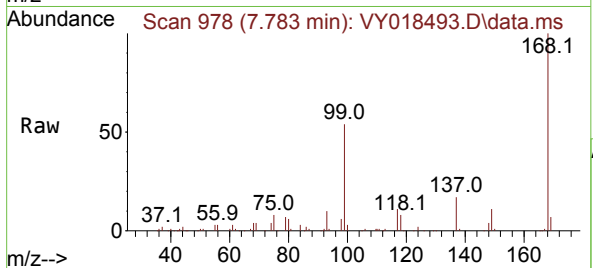
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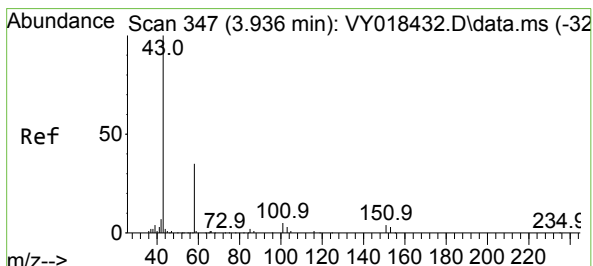
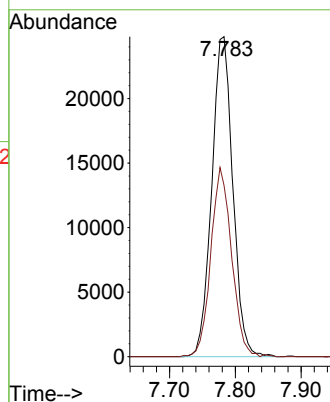
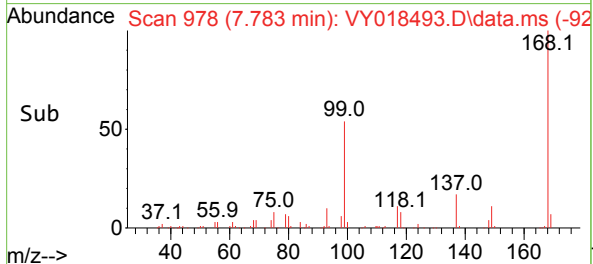


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Instrument :
MSVOA_Y
ClientSampleId :

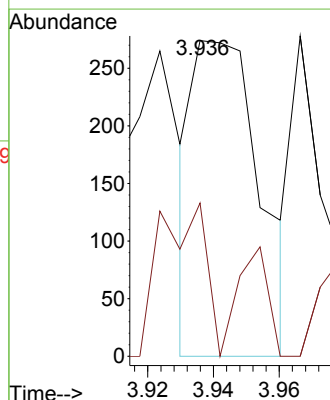
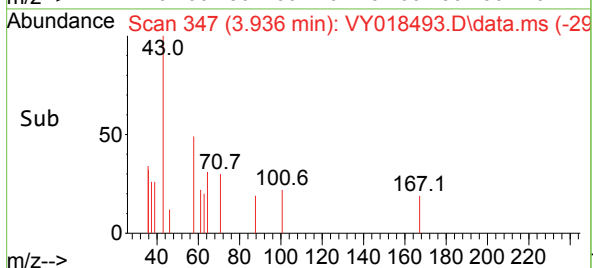
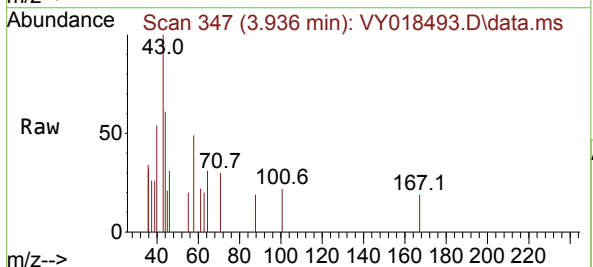


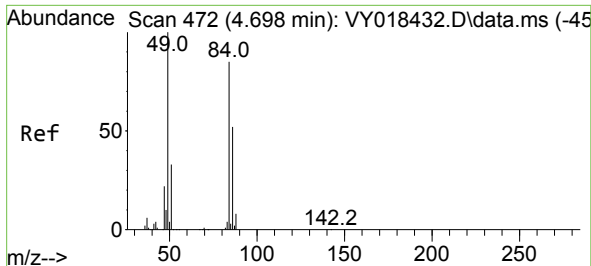
Tgt Ion:168 Resp: 55248
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#16
Acetone
Concen: 1.607 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
58 85.3 31.7 47.5#





#20

Methylene Chloride

Concen: 8.288 ug/l

RT: 4.698 min Scan# 41

Delta R.T. -0.000 min

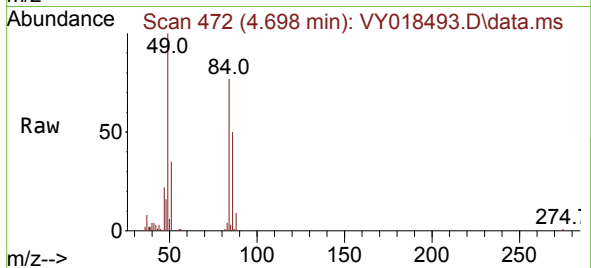
Lab File: VY018493.D

Acq: 05 Jun 2024 18:39

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 14945

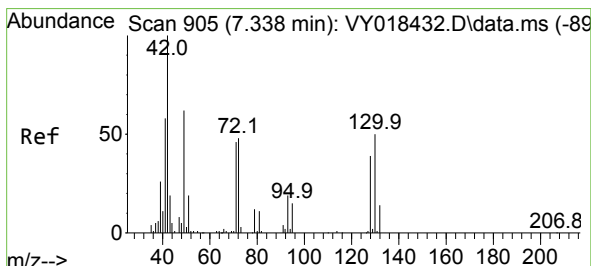
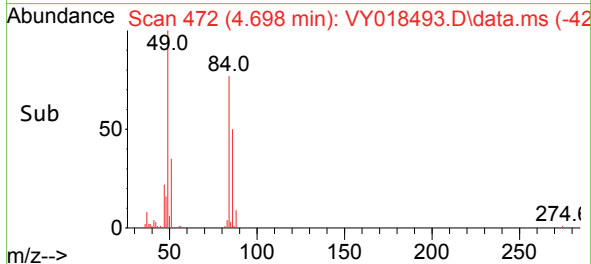
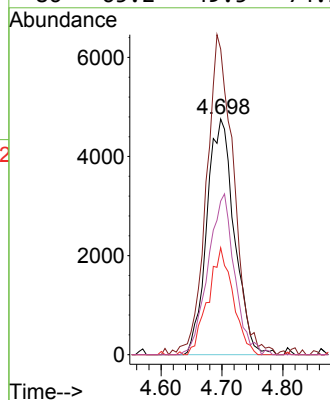
Ion Ratio Lower Upper

84 100

49 128.5 84.4 126.6#

51 45.4 26.0 39.0#

86 65.2 49.5 74.3



#29

Tetrahydrofuran

Concen: 1.811 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.018 min

Lab File: VY018493.D

Acq: 05 Jun 2024 18:39

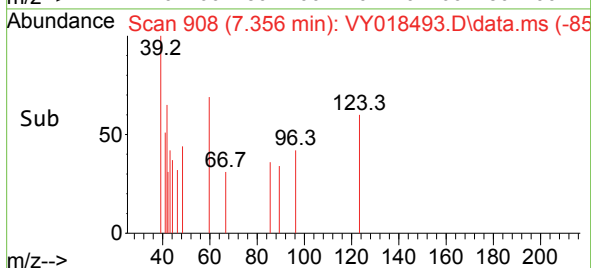
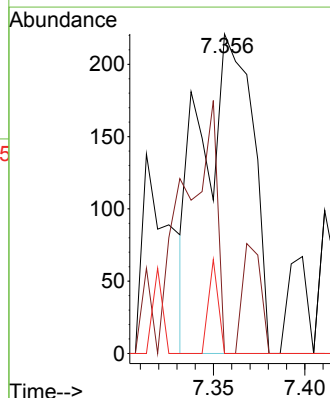
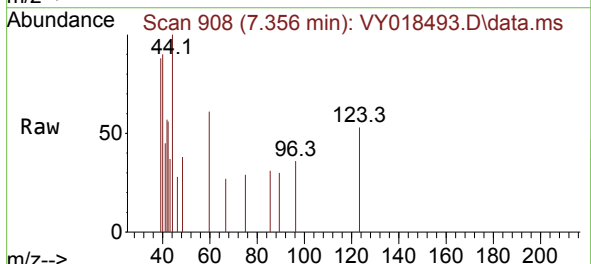
Tgt Ion: 42 Resp: 434

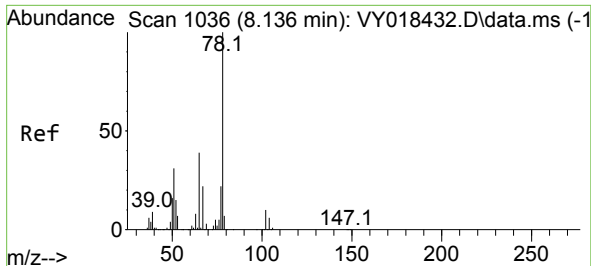
Ion Ratio Lower Upper

42 100

72 55.1 43.0 64.4

71 5.5 40.8 61.2#





#33

1,2-Dichloroethane-d4

Concen: 56.017 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY018493.D

Acq: 05 Jun 2024 18:39

Instrument :

MSVOA_Y

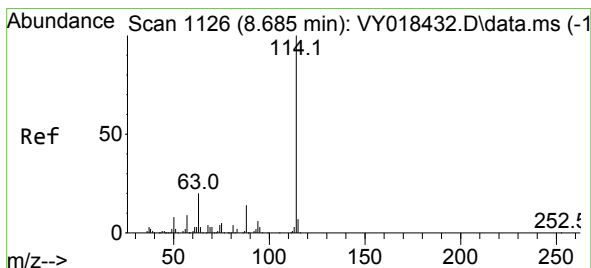
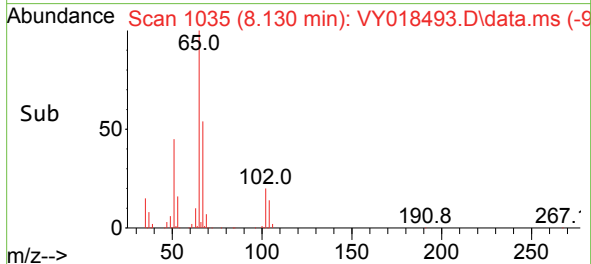
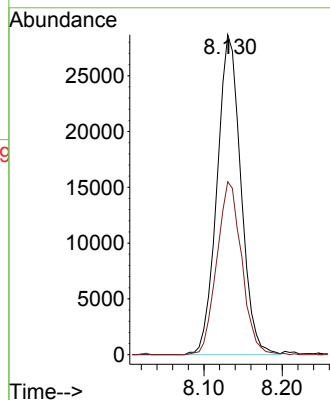
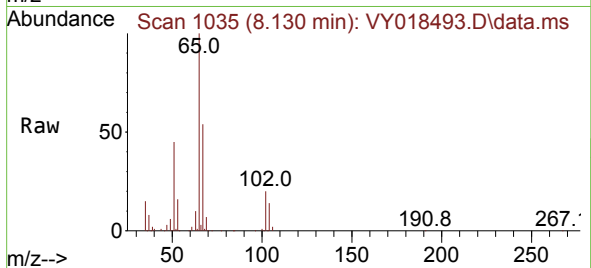
ClientSampleId :

Tgt Ion: 65 Resp: 60778

Ion Ratio Lower Upper

65 100

67 56.2 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: VY018493.D

Acq: 05 Jun 2024 18:39

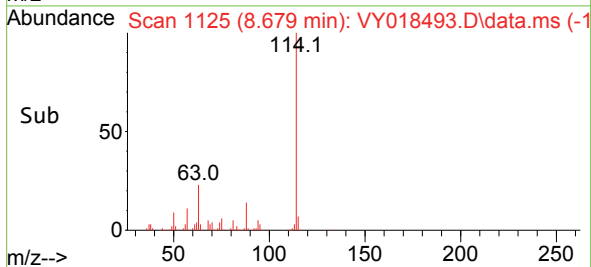
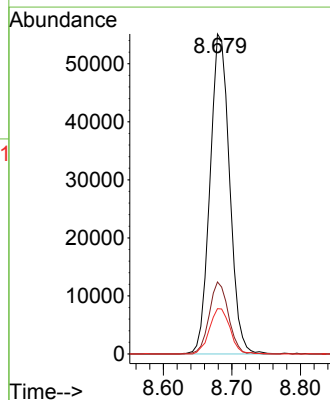
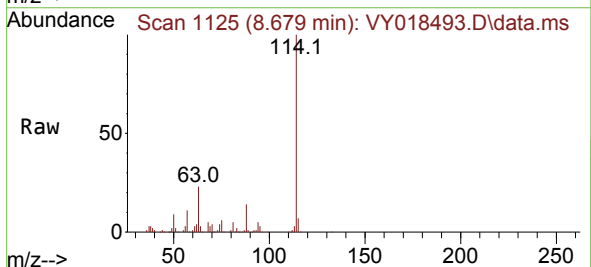
Tgt Ion: 114 Resp: 109296

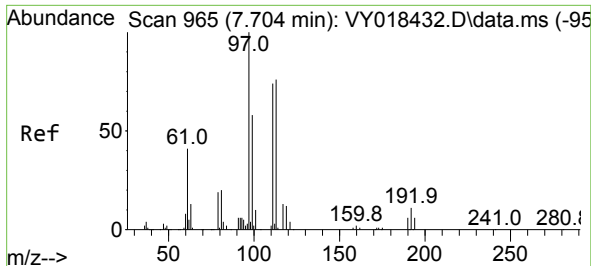
Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

88 14.2 0.0 27.2

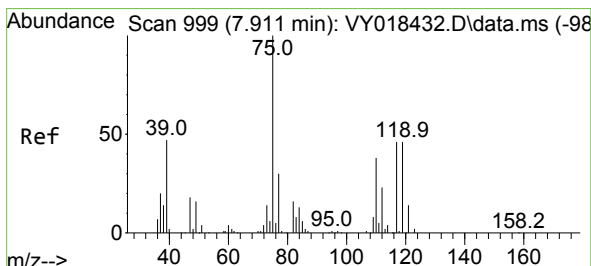
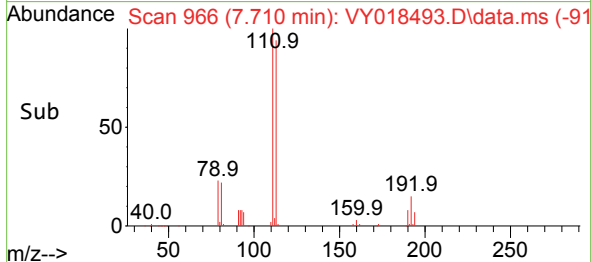
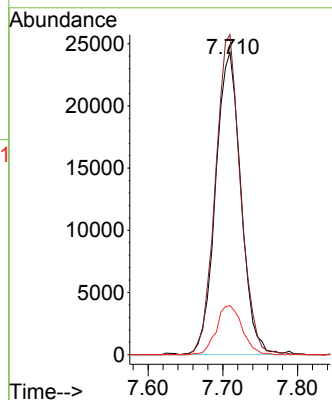
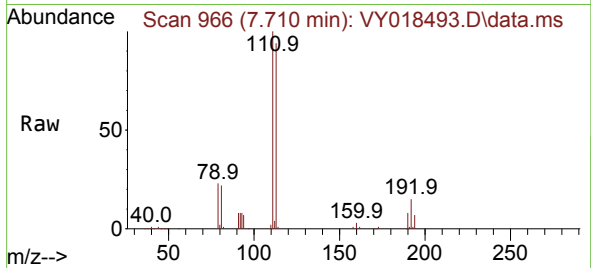




#35
Dibromofluoromethane
Concen: 41.390 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

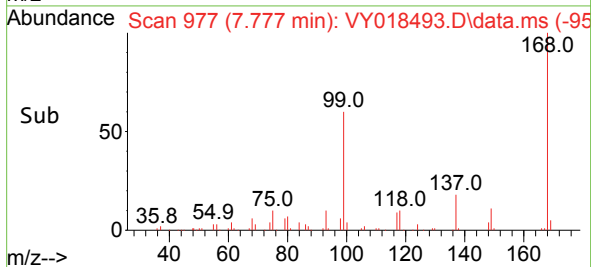
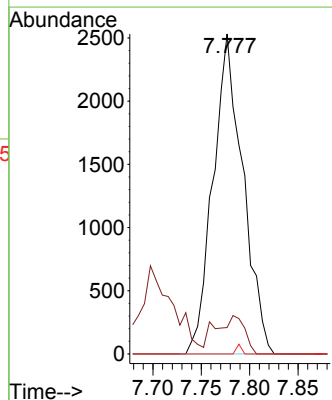
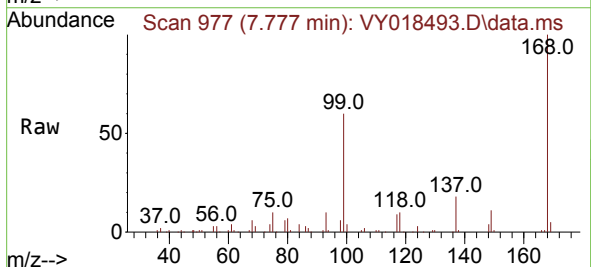
Instrument :
MSVOA_Y
ClientSampleId :

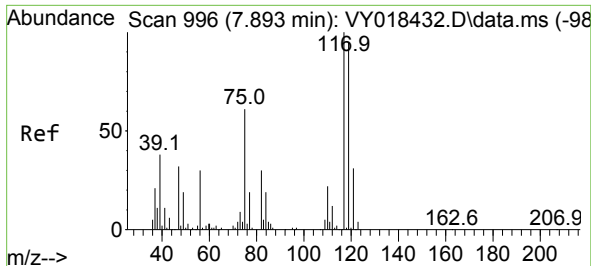
Tgt Ion:113 Resp: 57365
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 16.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.572 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

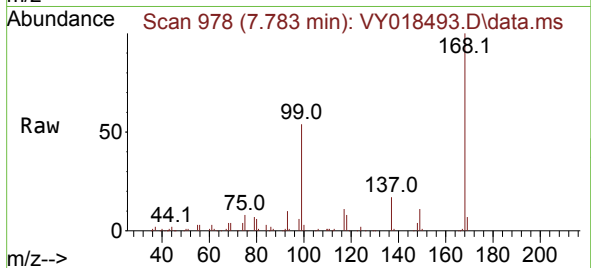
Tgt Ion: 75 Resp: 5436
Ion Ratio Lower Upper
75 100
110 11.6 19.0 57.0#
77 0.5 25.3 37.9#



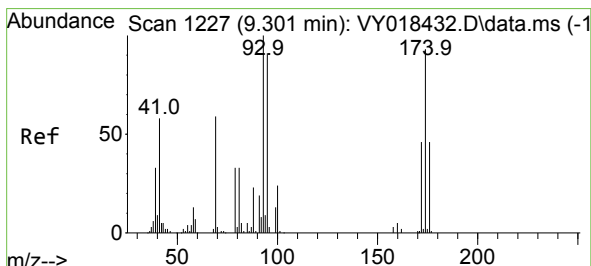
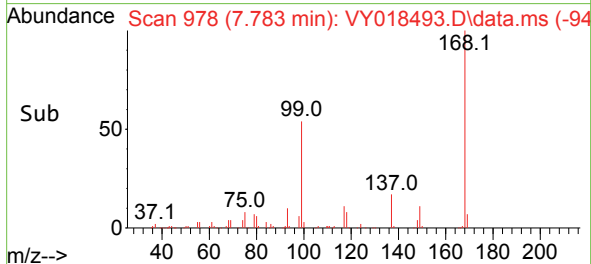
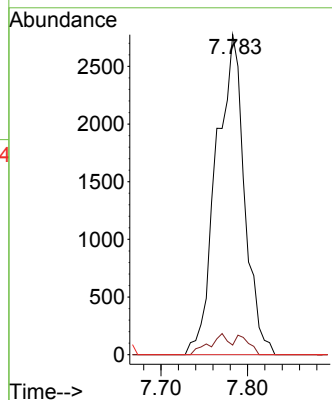


#38
Carbon Tetrachloride
Concen: 2.970 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Instrument :
MSVOA_Y
ClientSampleId :

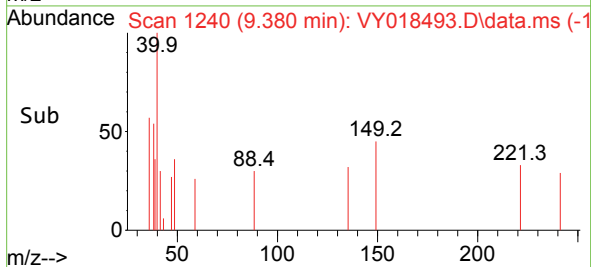
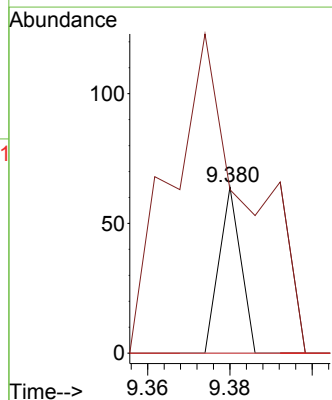
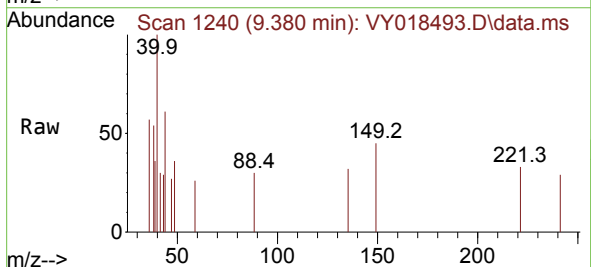


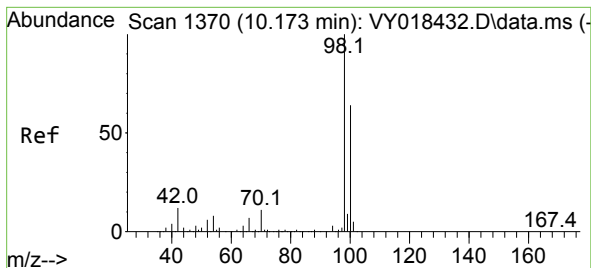
Tgt Ion:117 Resp: 6290
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.110 ug/l
RT: 9.380 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 695.7 0.0 0.0#
58 0.0 49.3 73.9#

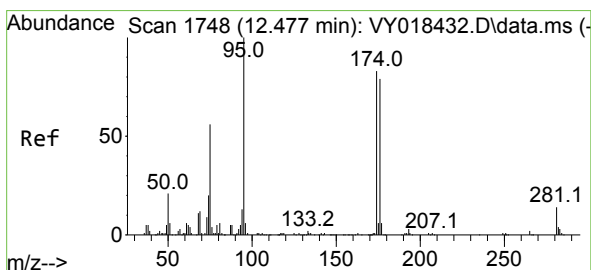
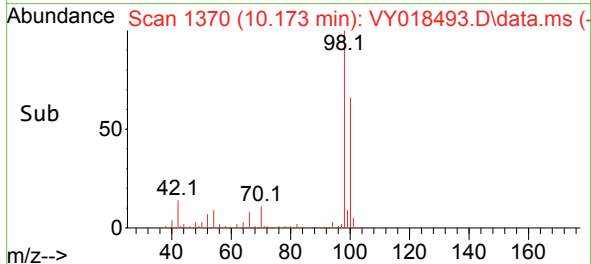
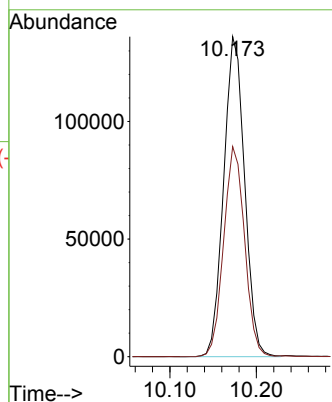
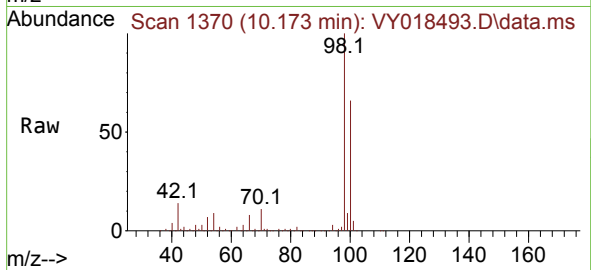




#50
Toluene-d8
Concen: 41.453 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

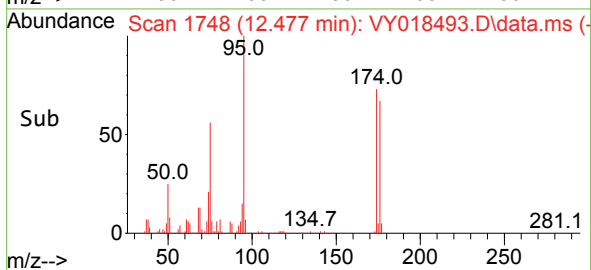
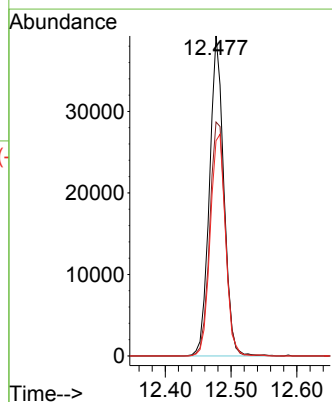
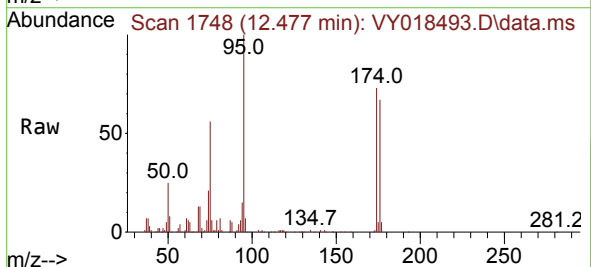
Instrument :
MSVOA_Y
ClientSampleId :

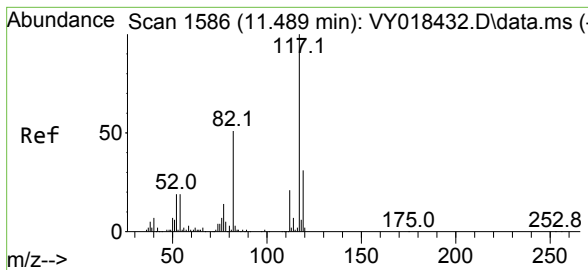
Tgt Ion: 98 Resp: 228558
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.790 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Tgt Ion: 95 Resp: 59724
Ion Ratio Lower Upper
95 100
174 79.0 0.0 175.6
176 73.3 0.0 171.4

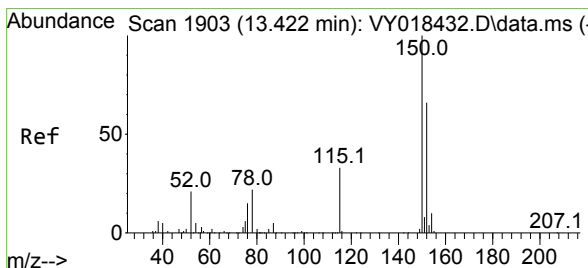
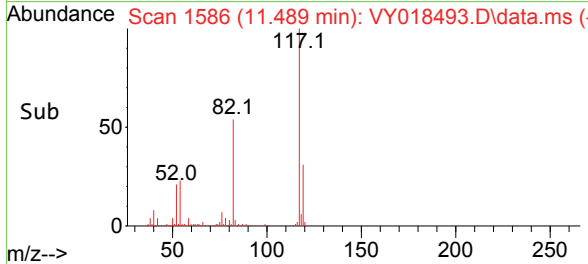
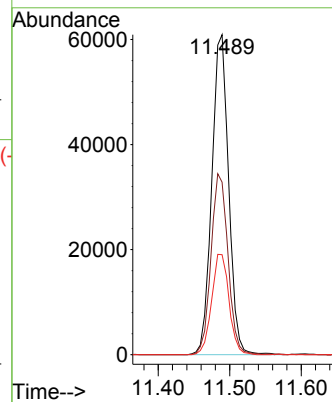
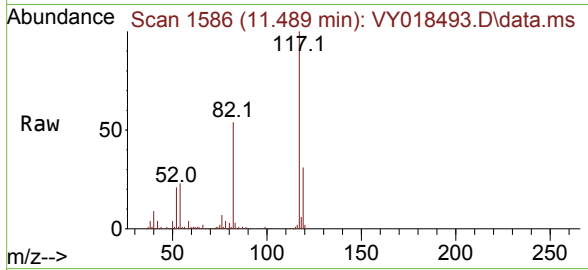




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

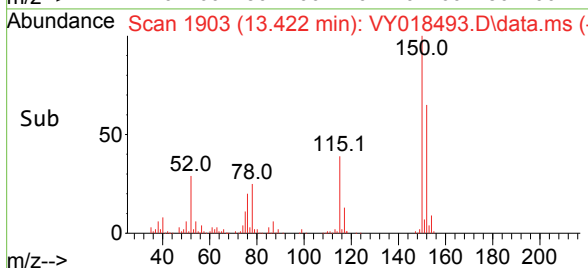
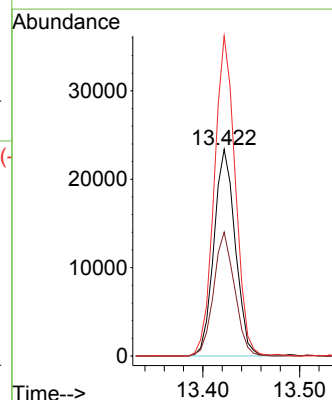
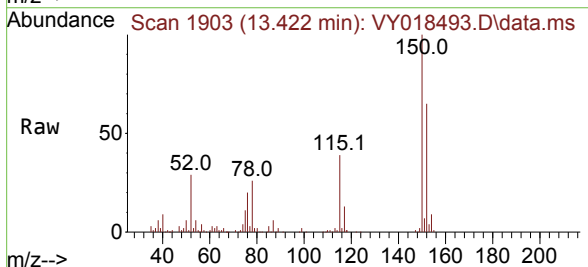
Instrument :
MSVOA_Y
ClientSampleId :

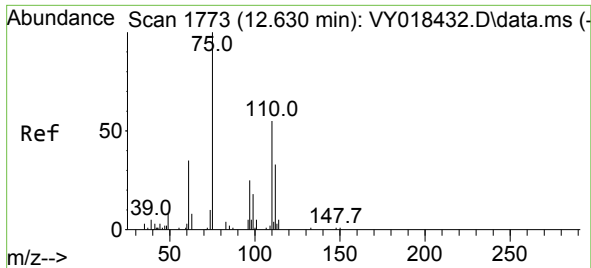
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.4	63.6
119	31.3	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.2	84.7
150	151.9	0.0	345.6

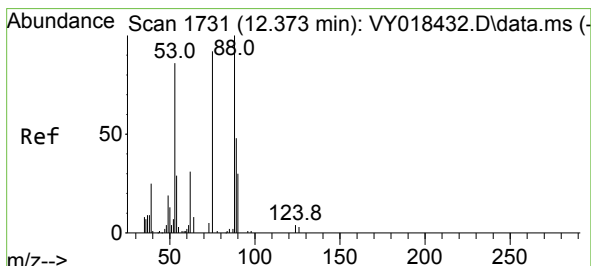
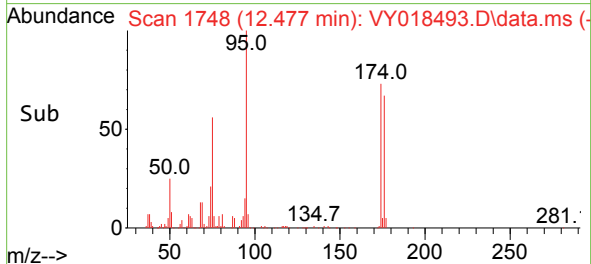
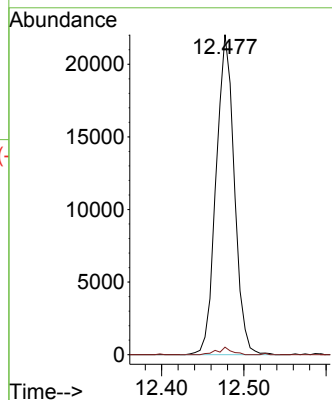
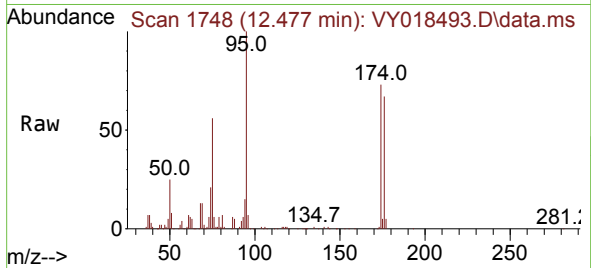




#76
1,2,3-Trichloropropane
Concen: 76.439 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33974
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 160.594 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Tgt Ion: 75 Resp: 33974
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

