

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018907.D
 Acq On : 24 Jul 2024 13:34
 Operator : SY/MD
 Sample : P3340-05
 Misc : 6.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 25 01:29:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

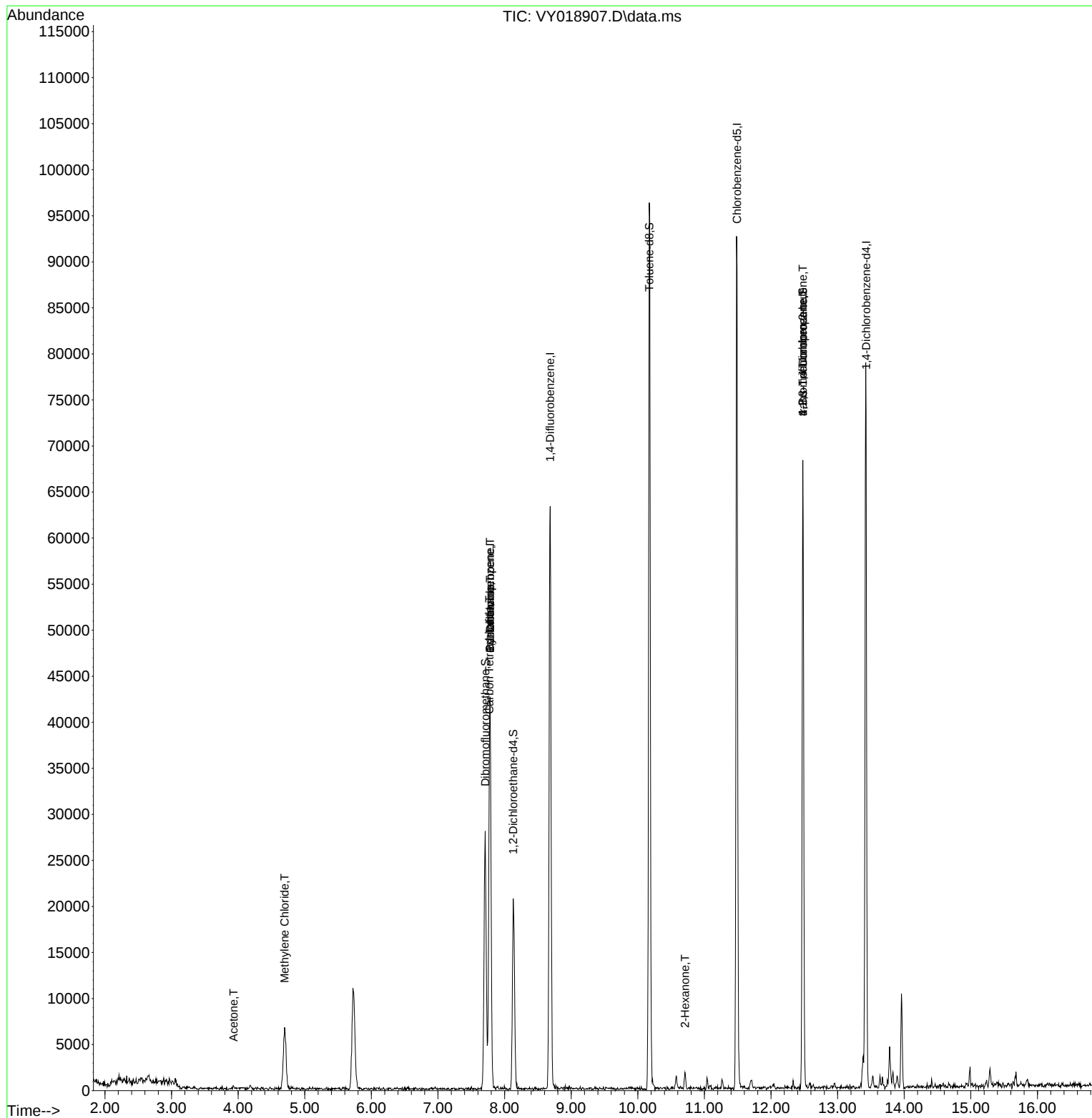
Internal Standards						
1) Pentafluorobenzene	7.783	168	34649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	57436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	51704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	16284	47.760	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.710	113	18495	51.413	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.820%		
50) Toluene-d8	10.173	98	65440	48.016	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.040%		
62) 4-Bromofluorobenzene	12.477	95	20528	44.105	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.220%		
Target Compounds						Qvalue
16) Acetone	3.930	43	359	5.711	ug/l #	84
20) Methylene Chloride	4.698	84	4476	8.448	ug/l #	84
31) Cyclohexane	7.783	56	727	1.388	ug/l #	63
36) 1,1-Dichloropropene	7.783	75	2569	5.175	ug/l #	45
38) Carbon Tetrachloride	7.771	117	3549	5.935	ug/l #	19
59) 2-Hexanone	10.709	43	624	4.255	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	10292	62.799	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10292	140.547	ug/l #	16

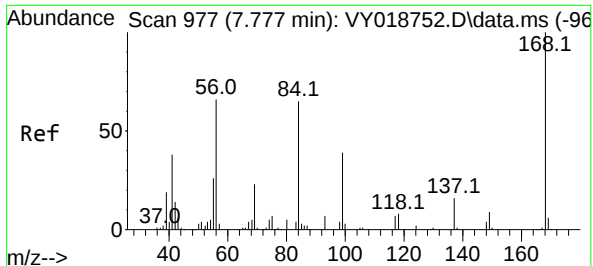
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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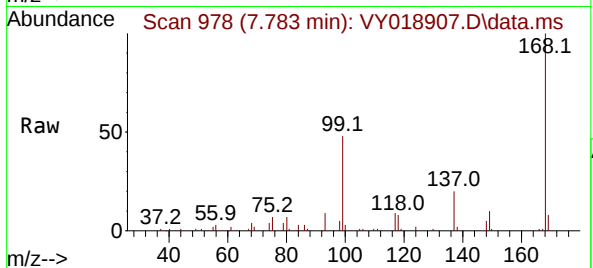
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



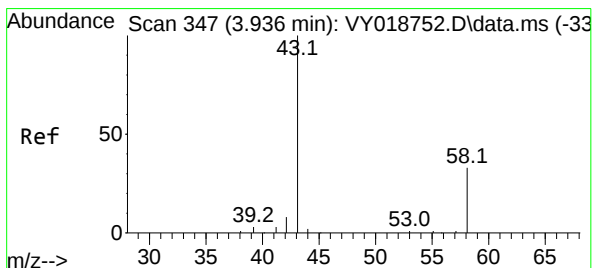
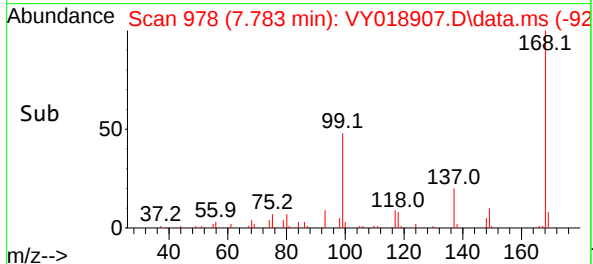
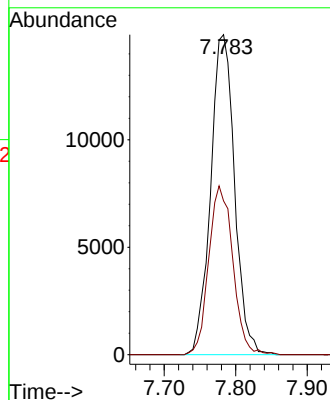


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :

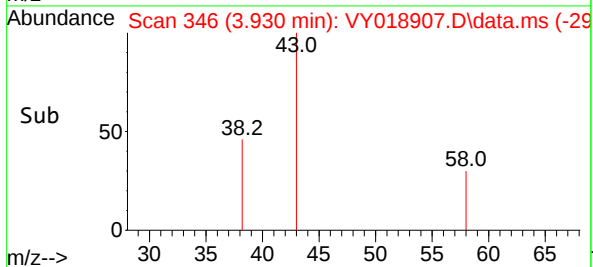
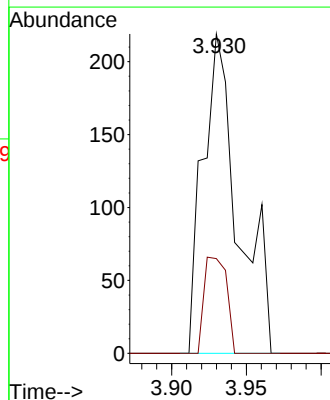
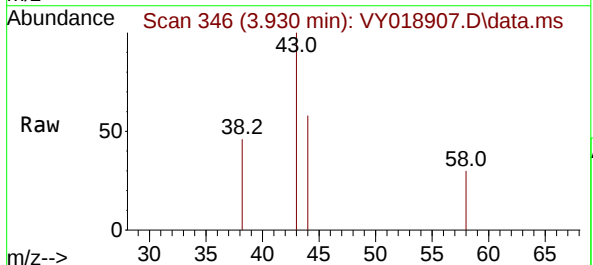


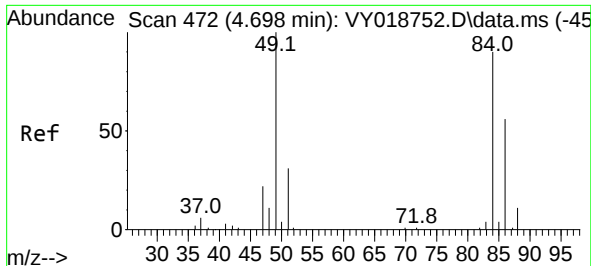
Tgt Ion:168 Resp: 34649
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#16
Acetone
Concen: 5.711 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34

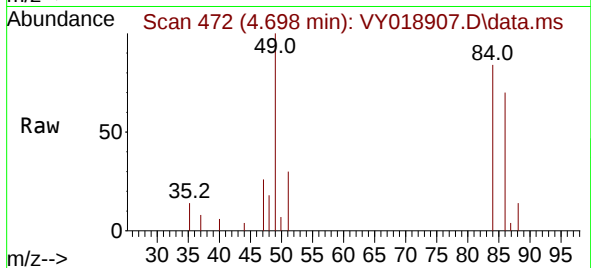
Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
58 29.7 31.7 47.5#



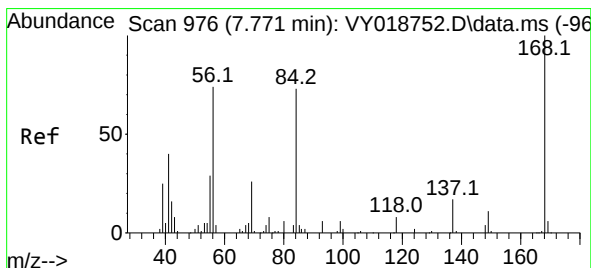
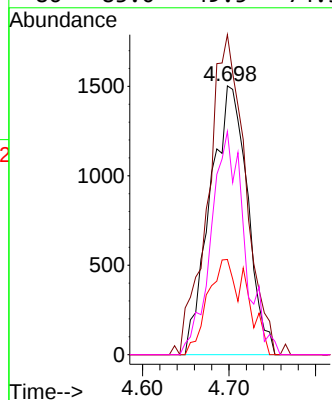


#20
Methylene Chloride
Concen: 8.448 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34

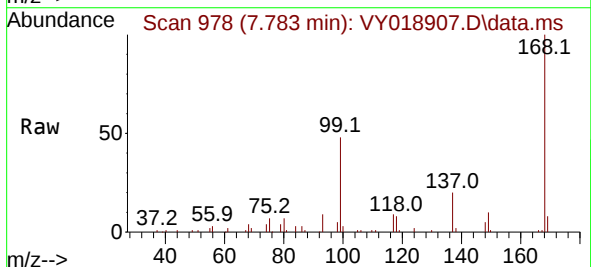
Instrument :
MSVOA_Y
ClientSampleId :



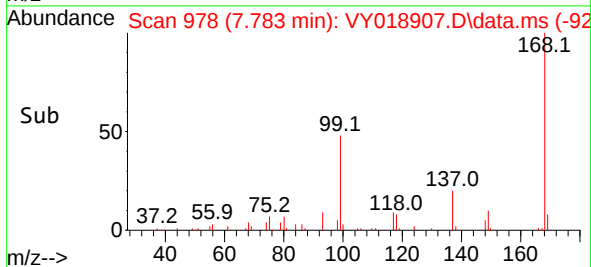
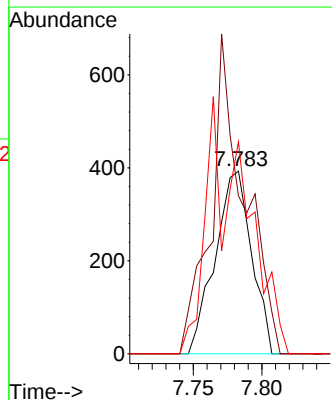
Tgt Ion:	84	Resp:	4476
Ion	Ratio	Lower	Upper
84	100		
49	119.0	84.4	126.6
51	35.4	26.0	39.0
86	83.0	49.5	74.3#

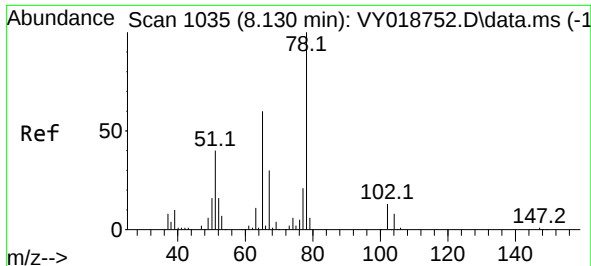


#31
Cyclohexane
Concen: 1.388 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34



Tgt Ion:	56	Resp:	727
Ion	Ratio	Lower	Upper
56	100		
69	86.5	28.7	43.1#
84	116.0	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 47.760 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018907.D

Acq: 24 Jul 2024 13:34

Instrument :

MSVOA_Y

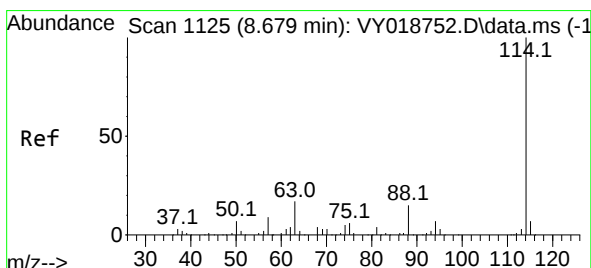
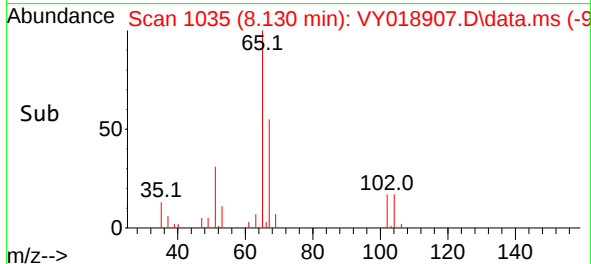
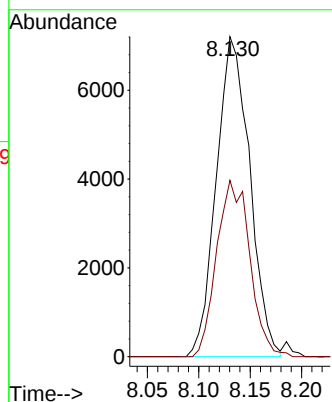
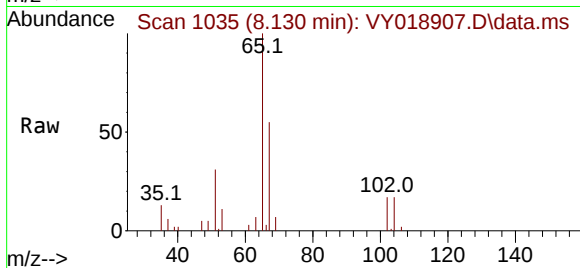
ClientSampleId :

Tgt Ion: 65 Resp: 16284

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018907.D

Acq: 24 Jul 2024 13:34

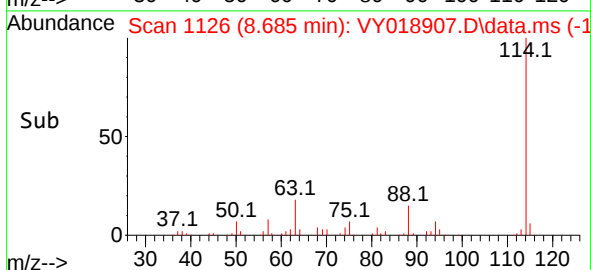
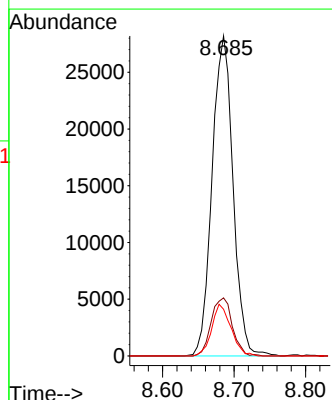
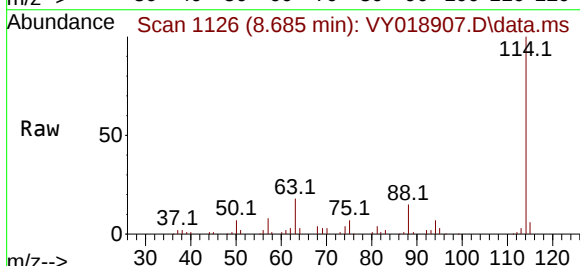
Tgt Ion: 114 Resp: 57436

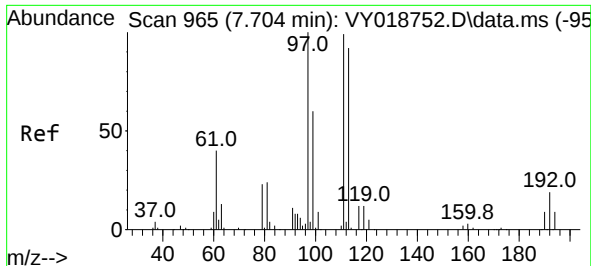
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.6 0.0 27.2

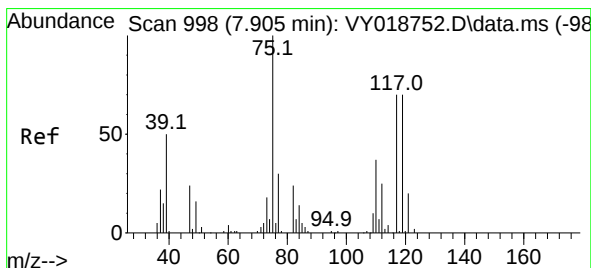
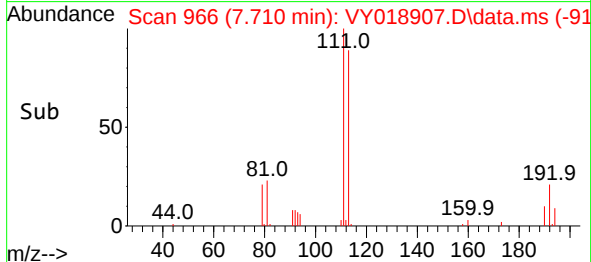
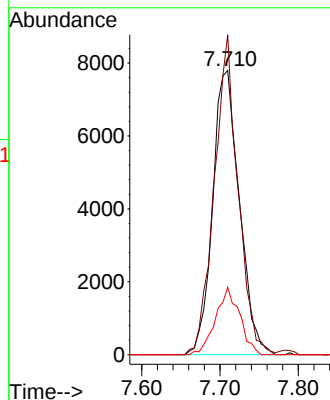
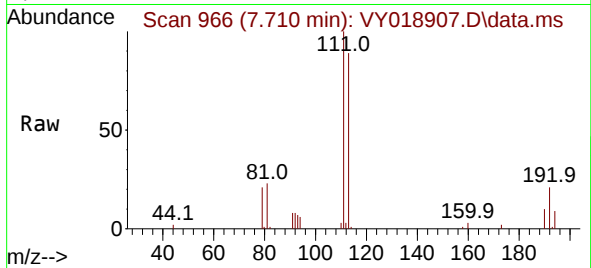




#35
Dibromofluoromethane
Concen: 51.413 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34

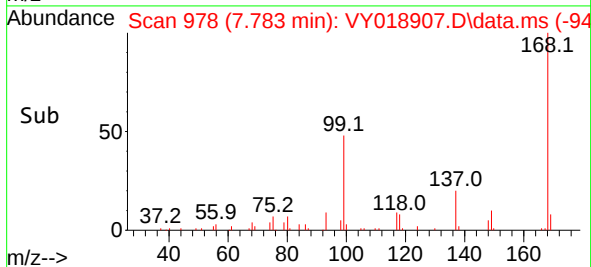
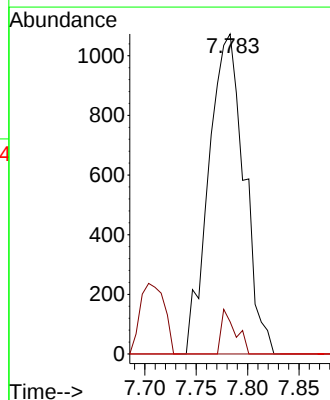
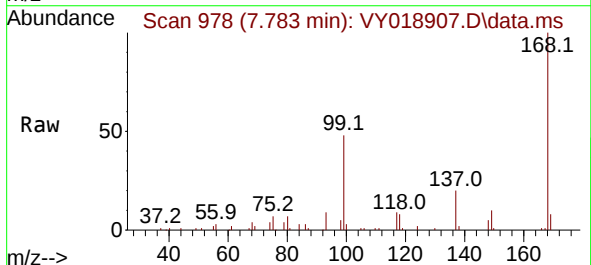
Instrument :
MSVOA_Y
ClientSampleId :

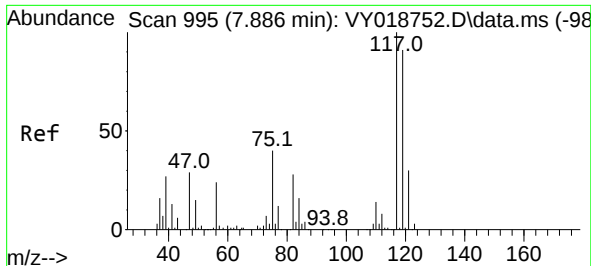
Tgt Ion:113 Resp: 18495
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 21.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34

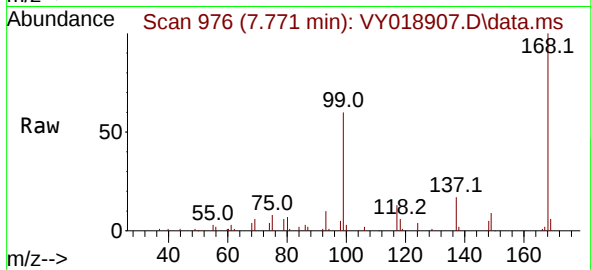
Tgt Ion: 75 Resp: 2569
Ion Ratio Lower Upper
75 100
110 5.6 19.0 57.0#
77 0.0 25.3 37.9#



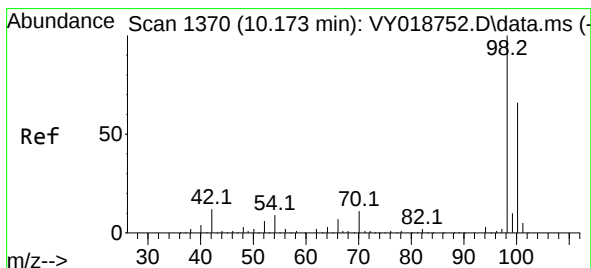
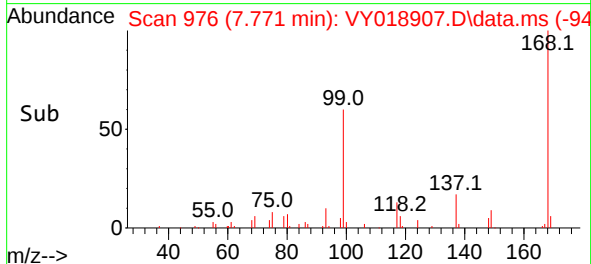
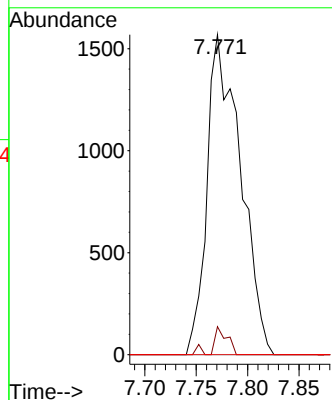


#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :

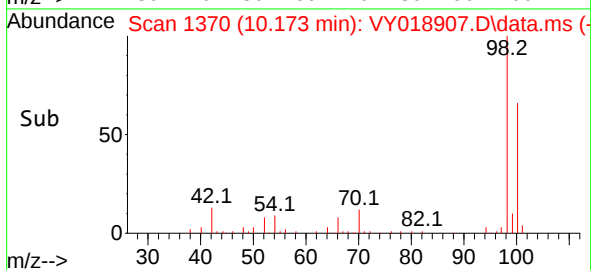
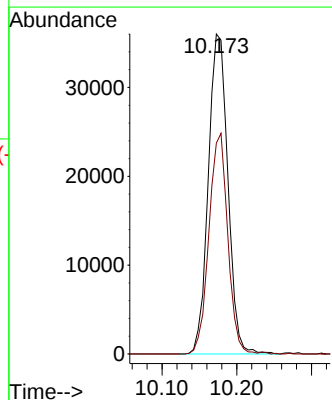
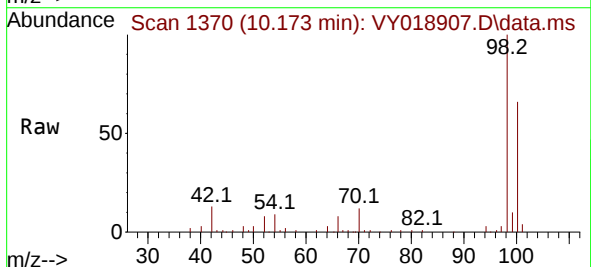


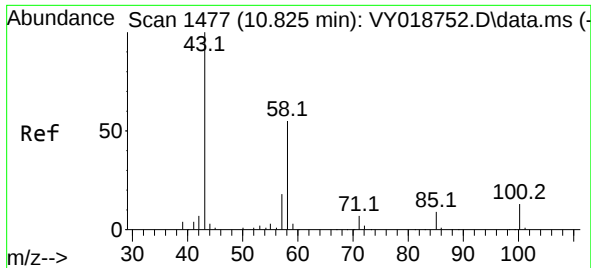
Tgt Ion:117 Resp: 3549
Ion Ratio Lower Upper
117 100
119 8.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.016 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34

Tgt Ion: 98 Resp: 65440
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

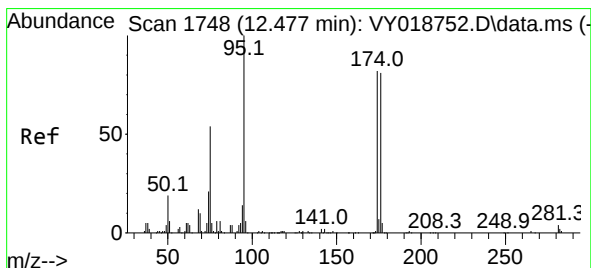
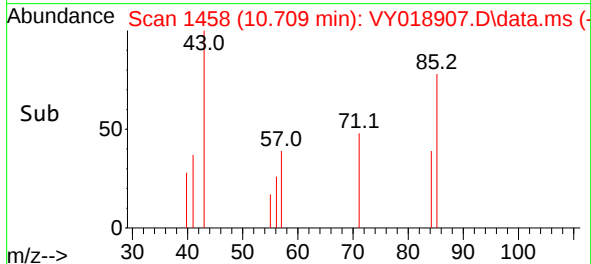
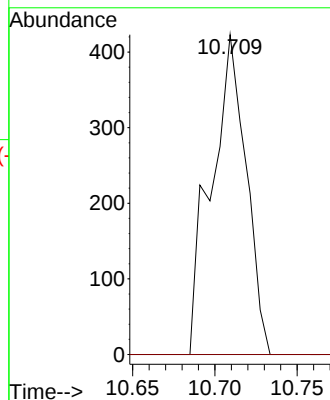
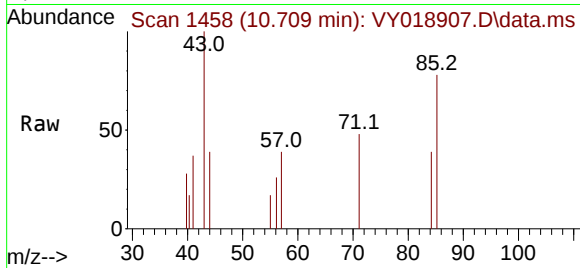




#59
2-Hexanone
Concen: 4.255 ug/l
RT: 10.709 min Scan# 1477
Delta R.T. -0.116 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34

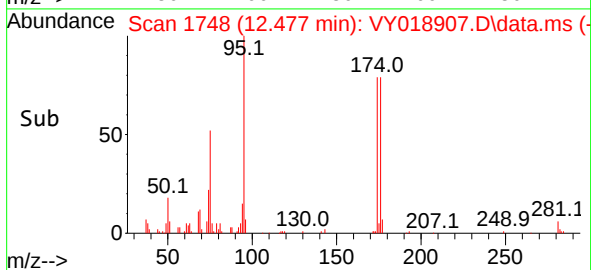
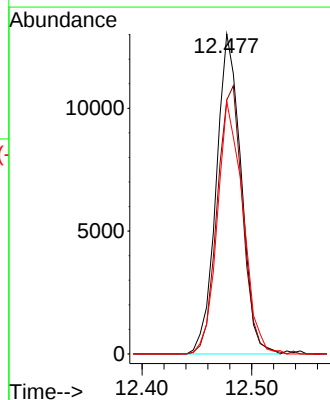
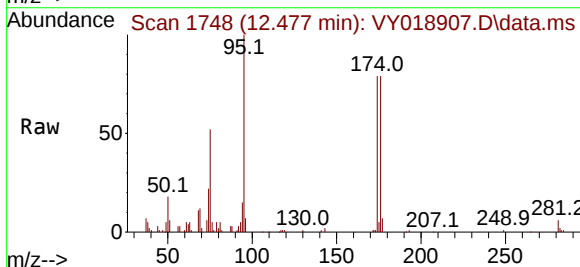
Instrument :
MSVOA_Y
ClientSampleId :

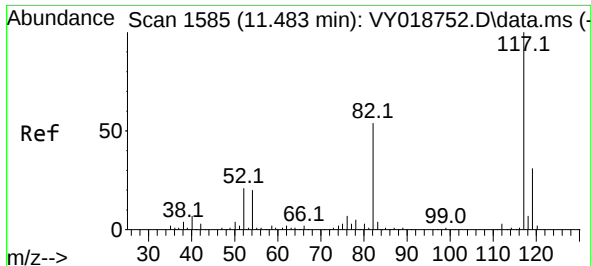
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#



#62
4-Bromofluorobenzene
Concen: 44.105 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018907.D
Acq: 24 Jul 2024 13:34

Tgt Ion: 95 Resp: 20528
Ion Ratio Lower Upper
95 100
174 85.2 0.0 175.6
176 81.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018907.D

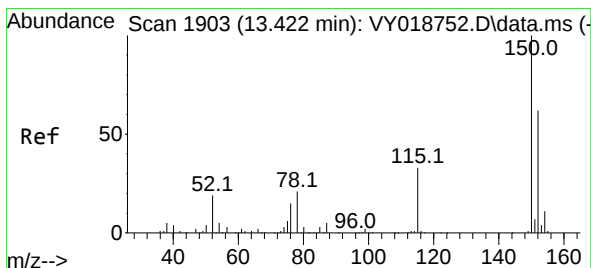
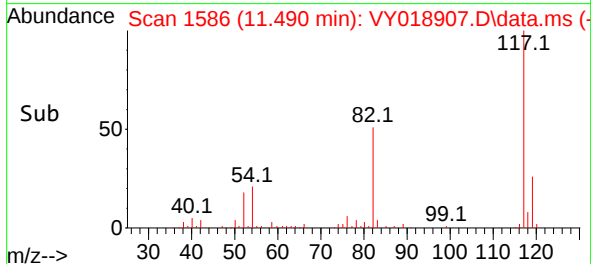
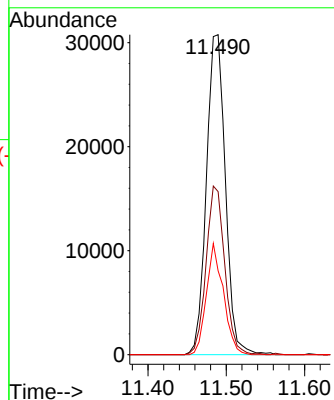
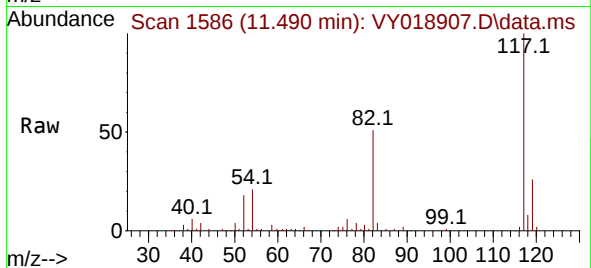
Acq: 24 Jul 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	51704
Ion	Ratio	Lower Upper
117	100	
82	51.0	42.4 63.6
119	26.2	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

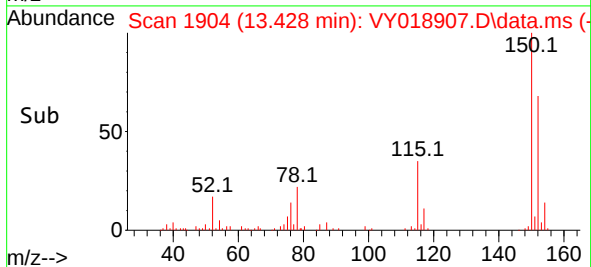
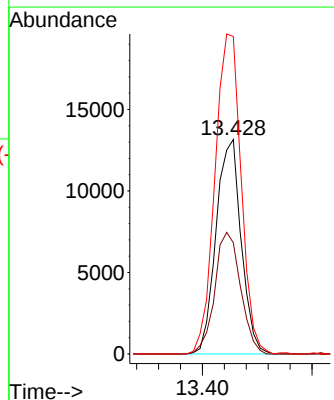
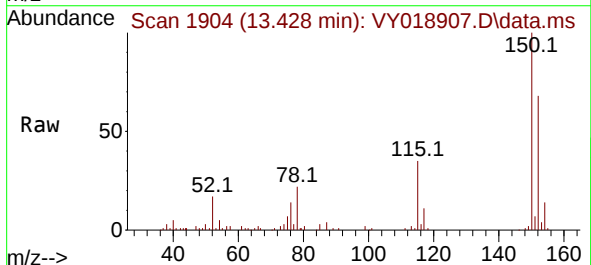
RT: 13.428 min Scan# 1904

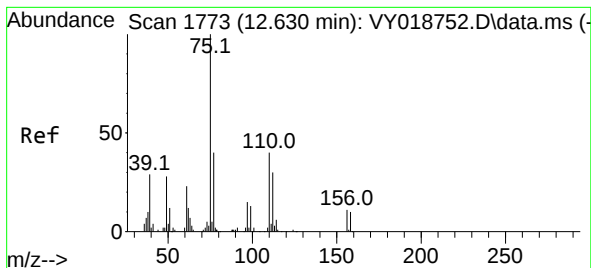
Delta R.T. 0.006 min

Lab File: VY018907.D

Acq: 24 Jul 2024 13:34

Tgt Ion:152	Resp:	20925
Ion	Ratio	Lower Upper
152	100	
115	58.3	28.2 84.7
150	155.6	0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 62.799 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018907.D

Acq: 24 Jul 2024 13:34

Instrument :

MSVOA_Y

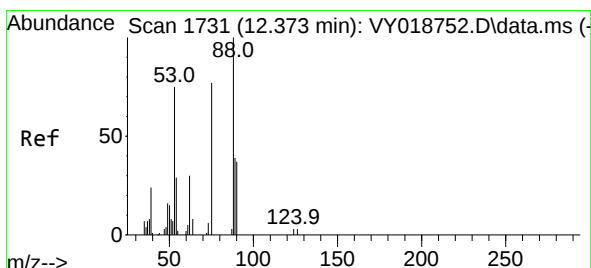
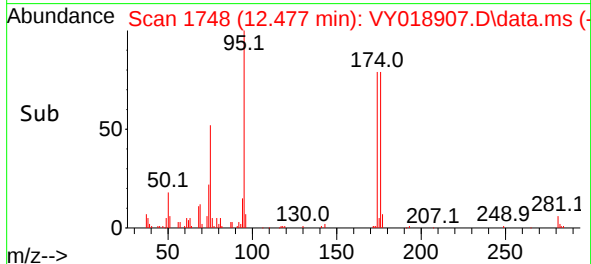
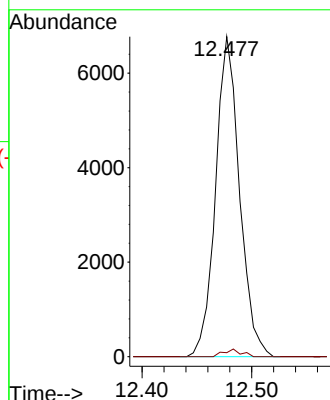
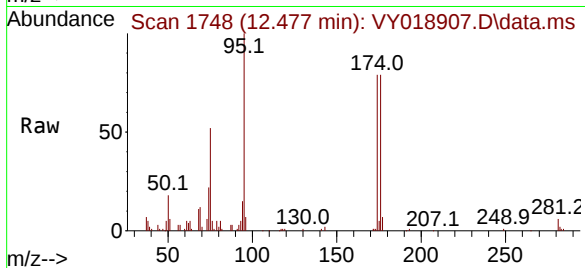
ClientSampleId :

Tgt Ion: 75 Resp: 10292

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 140.547 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018907.D

Acq: 24 Jul 2024 13:34

Tgt Ion: 75 Resp: 10292

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

