

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018720.D
 Acq On : 27 Jun 2024 15:34
 Operator : SY/MD
 Sample : P3077-10
 Misc : 7.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 28 03:15:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

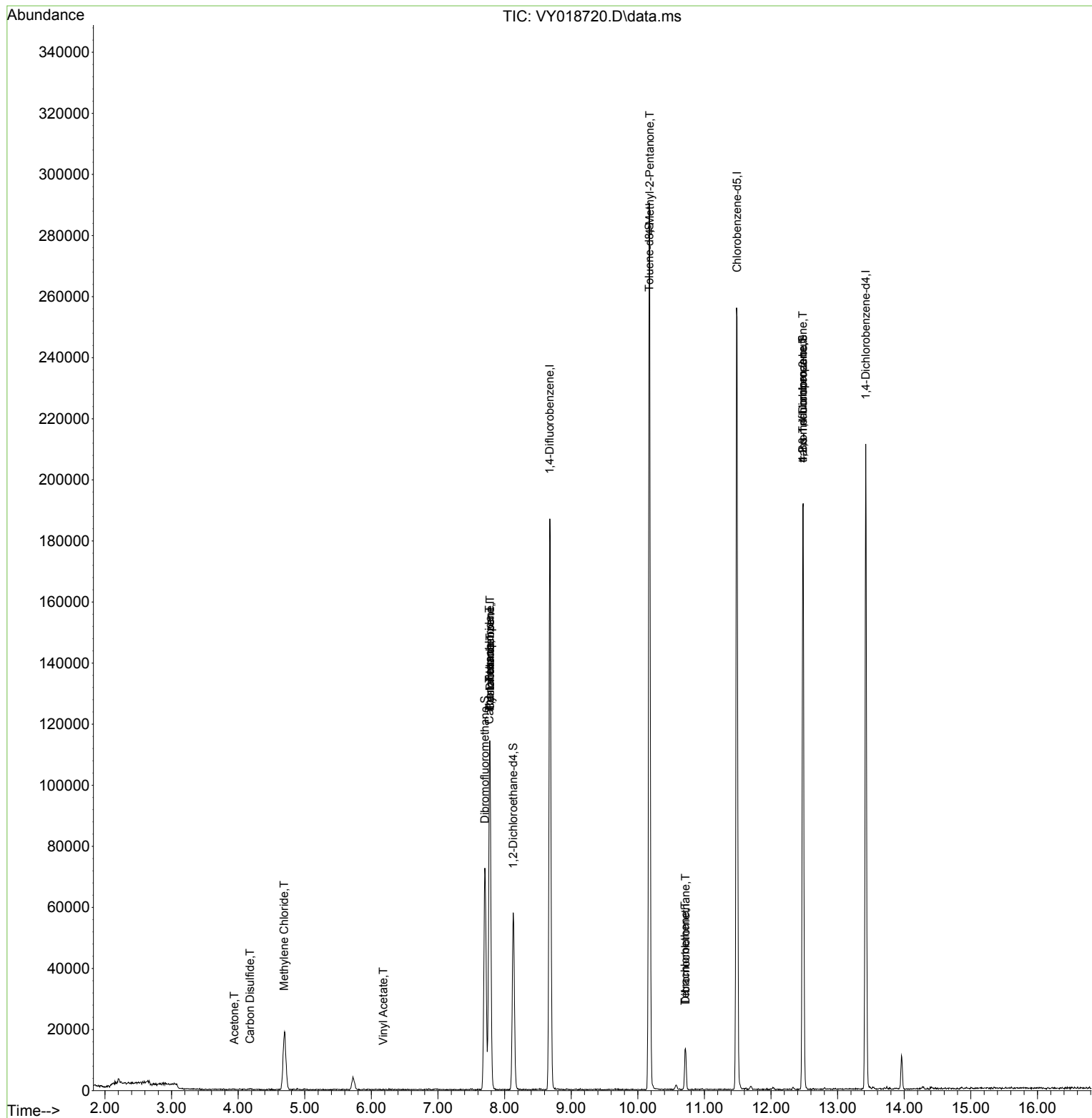
Internal Standards						
1) Pentafluorobenzene	7.783	168	91376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	168767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	148608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	45410	49.361	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.720%		
35) Dibromofluoromethane	7.704	113	52721	51.210	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.420%		
50) Toluene-d8	10.173	98	193743	48.936	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.880%		
62) 4-Bromofluorobenzene	12.477	95	54267	43.407	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.820%		
Target Compounds					Qvalue	
16) Acetone	3.942	43	309	1.651	ug/l #	36
17) Carbon Disulfide	4.180	76	445	2.380	ug/l #	76
20) Methylene Chloride	4.692	84	15081	5.013	ug/l	93
23) Vinyl Acetate	6.180	43	28	23.707	ug/l #	67
31) Cyclohexane	7.783	56	1851	1.313	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6454	4.554	ug/l #	51
38) Carbon Tetrachloride	7.771	117	8847	5.951	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	717	1.092	ug/l #	1
60) Dibromochloromethane	10.715	129	2655	2.584	ug/l #	10
64) Tetrachloroethene	10.709	164	3247	3.063	ug/l #	69
76) 1,2,3-Trichloropropane	12.477	75	27587	53.709	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27587	140.685	ug/l #	16

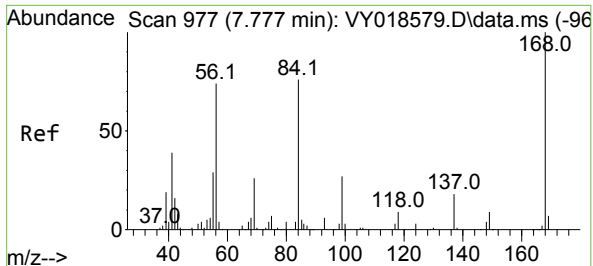
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
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Misc : 7.34g/5.0mL/MSVOA_Y/SOIL/A
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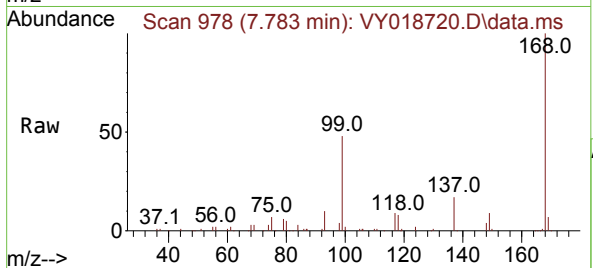
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



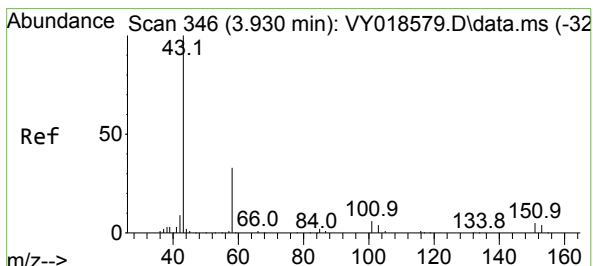
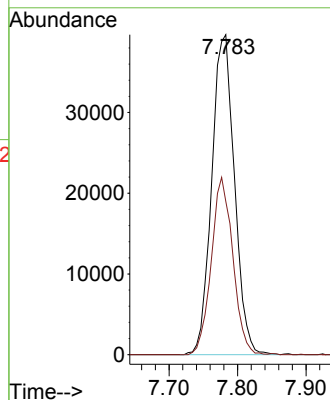
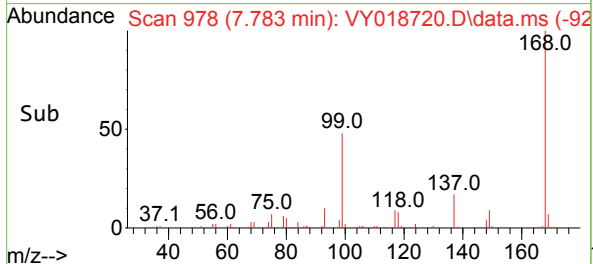


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Instrument :
MSVOA_Y
ClientSampleId :

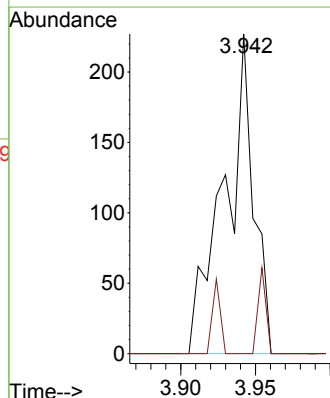
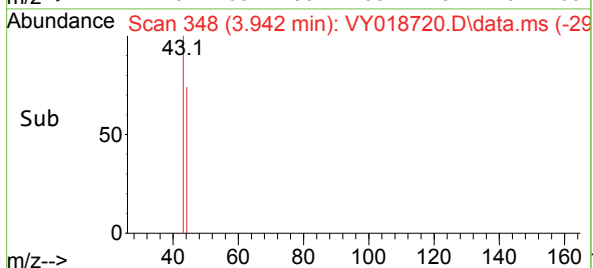
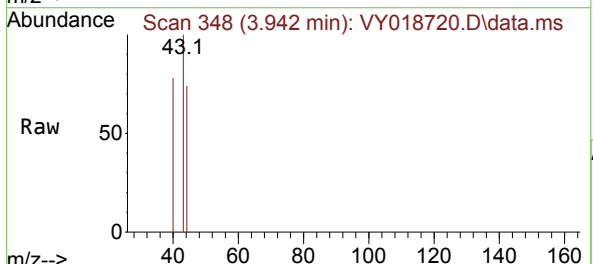


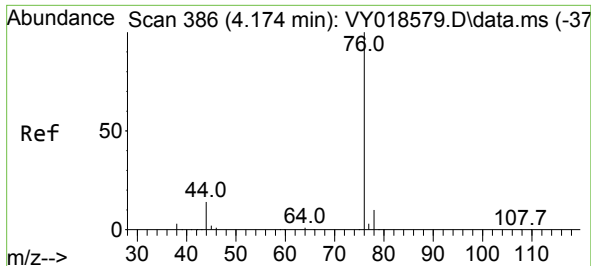
Tgt Ion:168 Resp: 91376
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#16
Acetone
Concen: 1.651 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

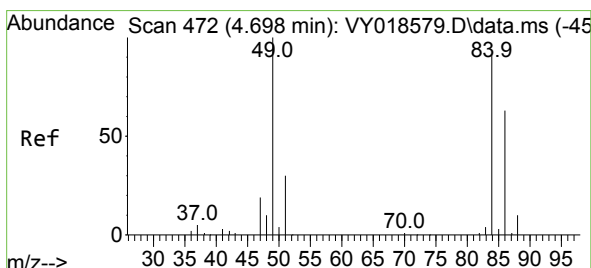
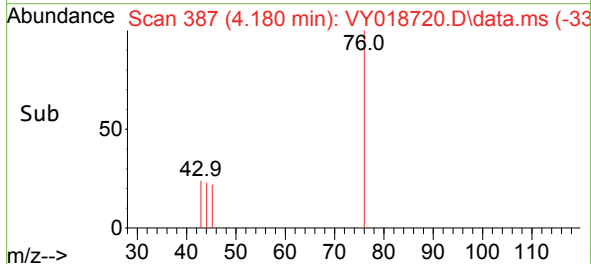
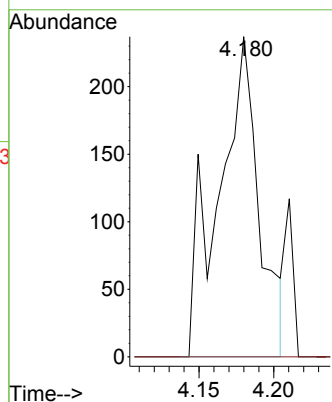
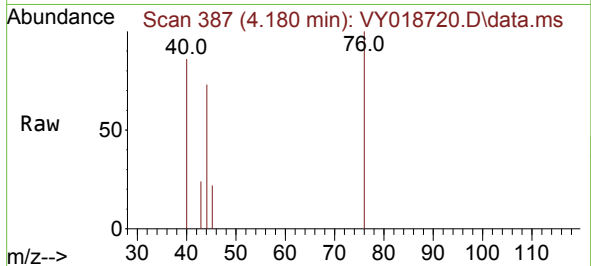




#17
Carbon Disulfide
Concen: 2.380 ug/l
RT: 4.180 min Scan# 386
Delta R.T. 0.006 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

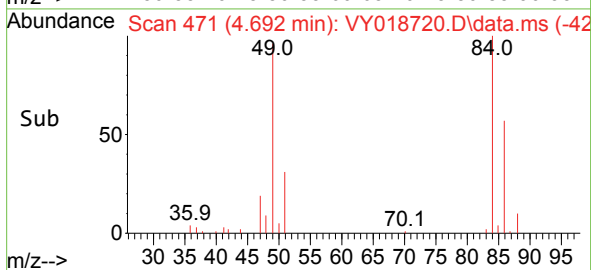
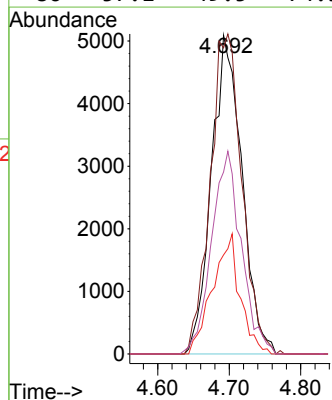
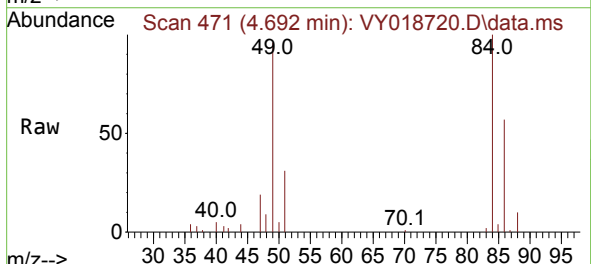
Instrument :
MSVOA_Y
ClientSampleId :

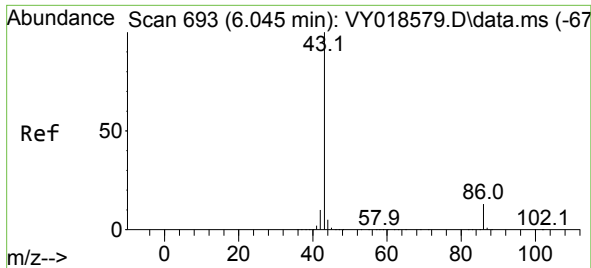
Tgt Ion: 76 Resp: 445
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 5.013 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Tgt Ion: 84 Resp: 15081
Ion Ratio Lower Upper
84 100
49 96.1 84.4 126.6
51 31.1 26.0 39.0
86 57.1 49.5 74.3

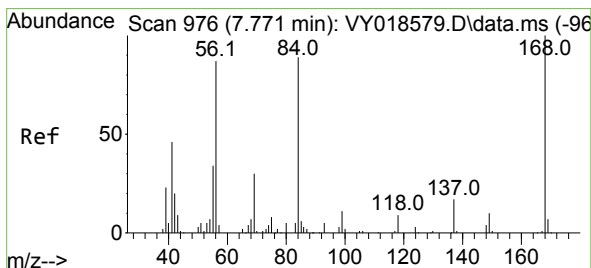
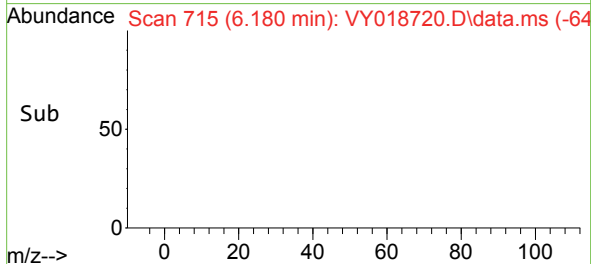
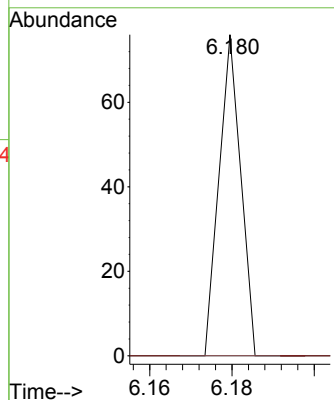
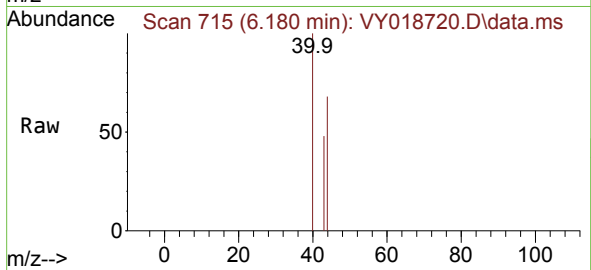




#23
 Vinyl Acetate
 Concen: 23.707 ug/l
 RT: 6.180 min Scan# 715
 Delta R.T. 0.135 min
 Lab File: VY018720.D
 Acq: 27 Jun 2024 15:34

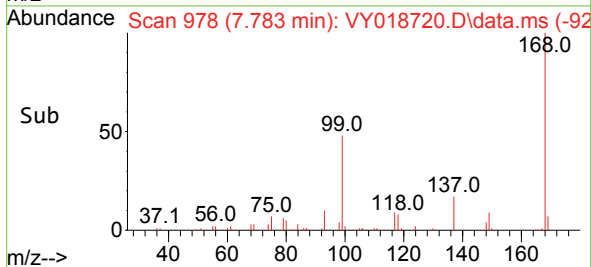
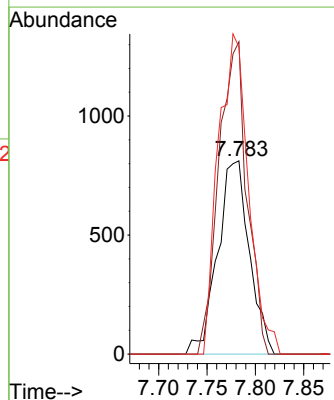
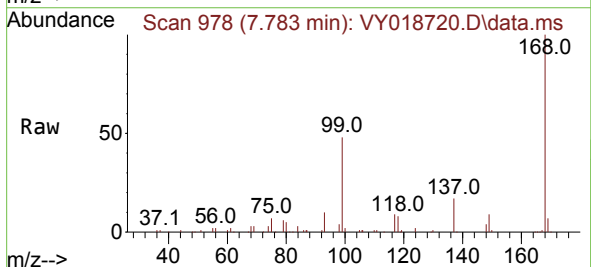
Instrument :
 MSVOA_Y
 ClientSampleId :

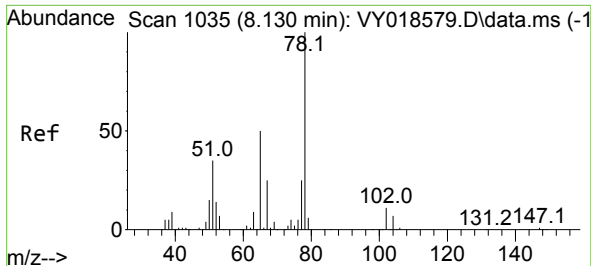
Tgt Ion: 43 Resp: 28
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.313 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. 0.012 min
 Lab File: VY018720.D
 Acq: 27 Jun 2024 15:34

Tgt Ion: 56 Resp: 1851
 Ion Ratio Lower Upper
 56 100
 69 161.6 28.7 43.1#
 84 158.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 49.361 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018720.D

Acq: 27 Jun 2024 15:34

Instrument :

MSVOA_Y

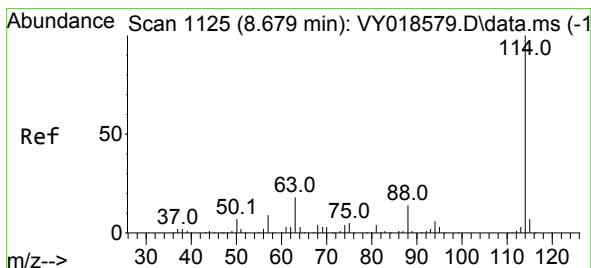
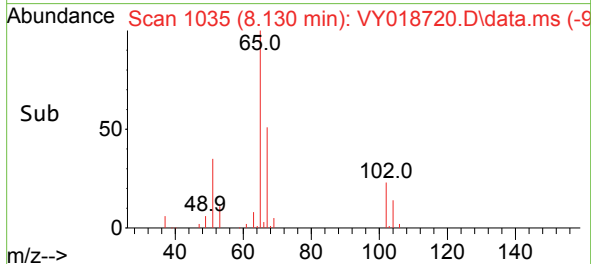
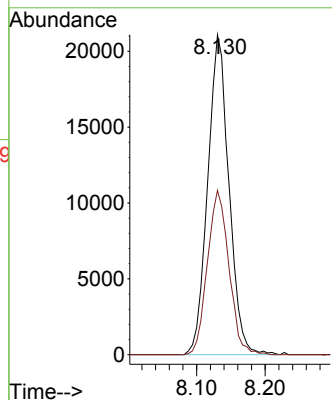
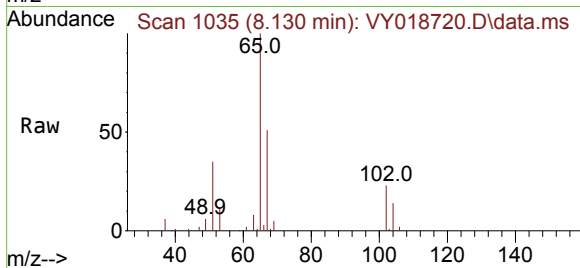
ClientSampleId :

Tgt Ion: 65 Resp: 45410

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018720.D

Acq: 27 Jun 2024 15:34

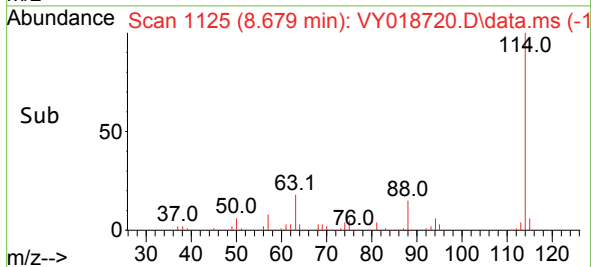
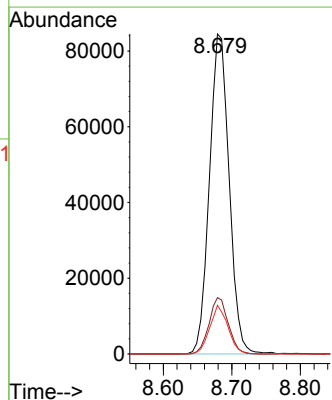
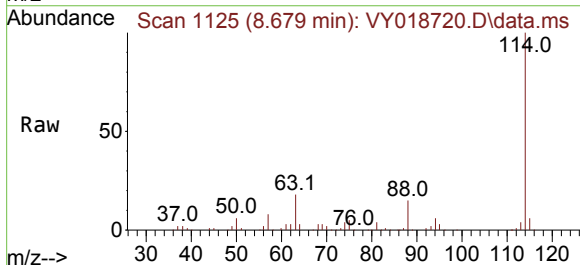
Tgt Ion:114 Resp: 168767

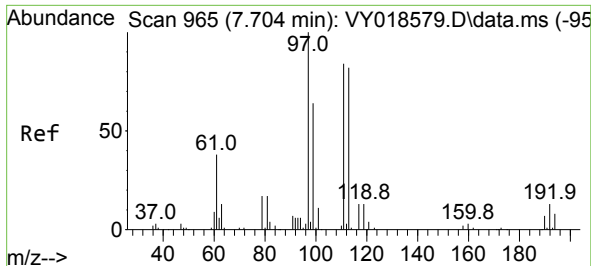
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

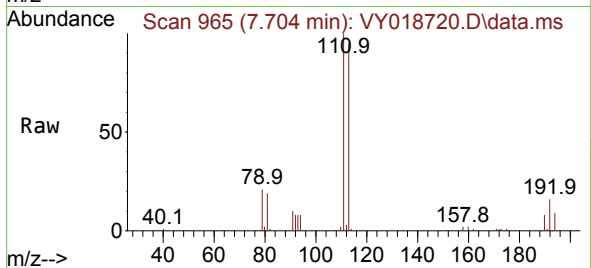
88 15.2 0.0 27.2



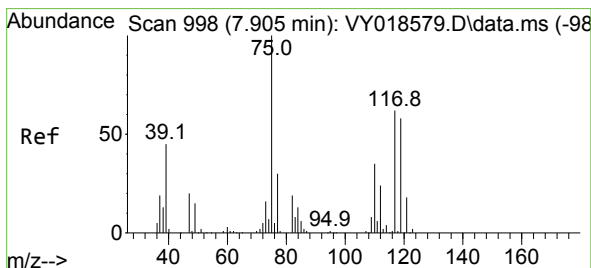
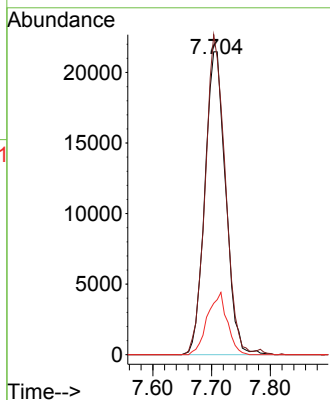
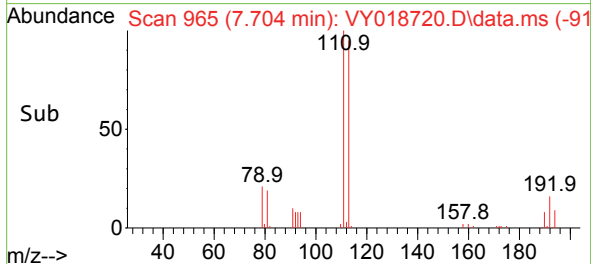


#35
Dibromofluoromethane
Concen: 51.210 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Instrument :
MSVOA_Y
ClientSampleId :

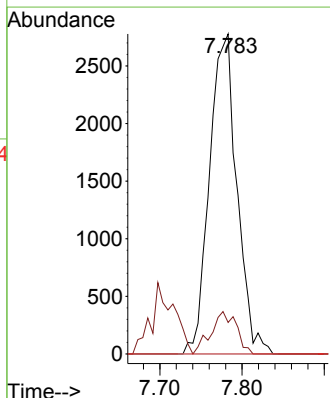
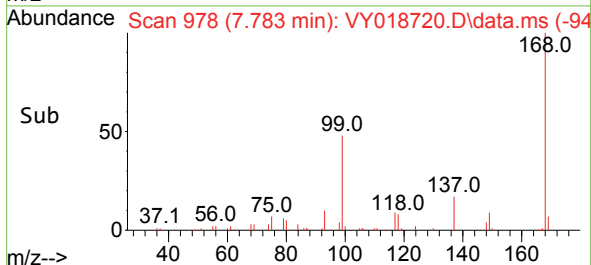
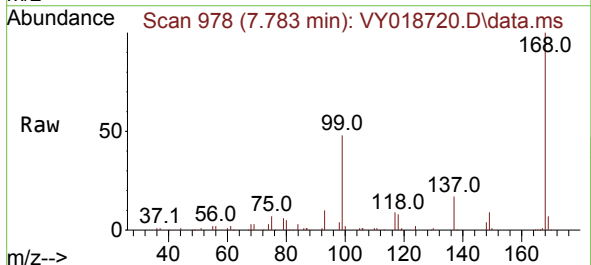


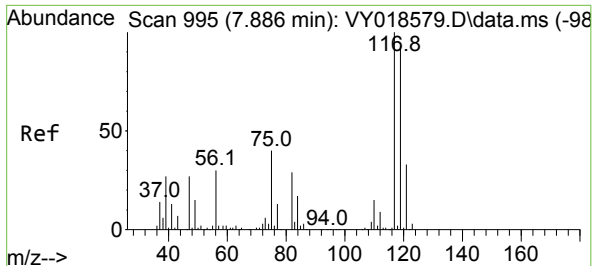
Tgt Ion:113 Resp: 52721
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.554 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

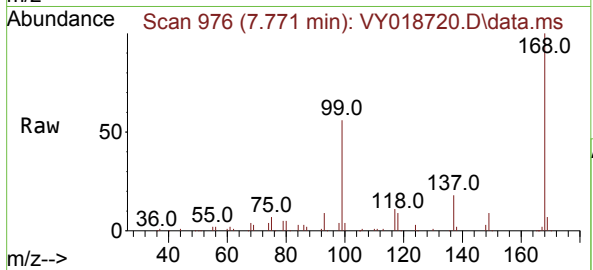
Tgt Ion: 75 Resp: 6454
Ion Ratio Lower Upper
75 100
110 12.3 19.0 57.0#
77 0.0 25.3 37.9#



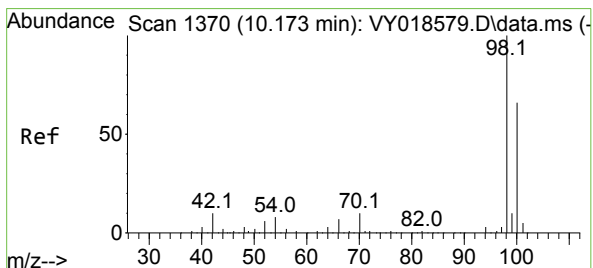
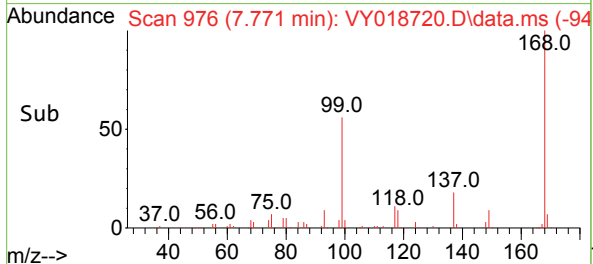
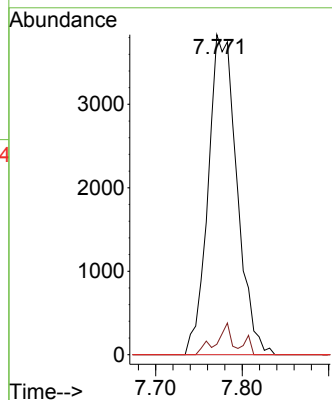


#38
Carbon Tetrachloride
Concen: 5.951 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Instrument :
MSVOA_Y
ClientSampleId :

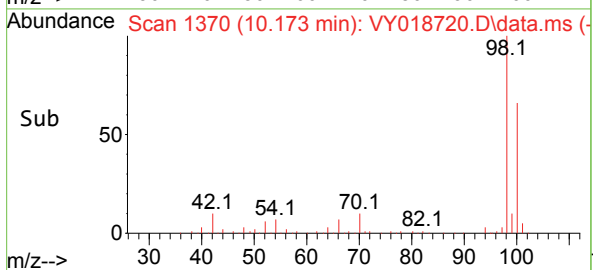
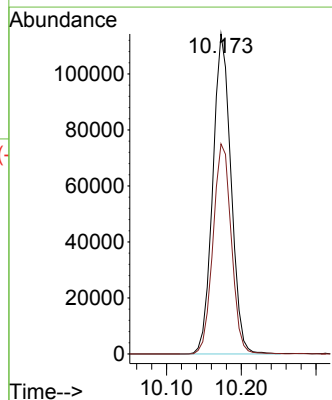
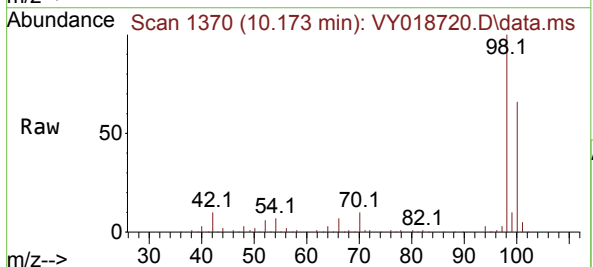


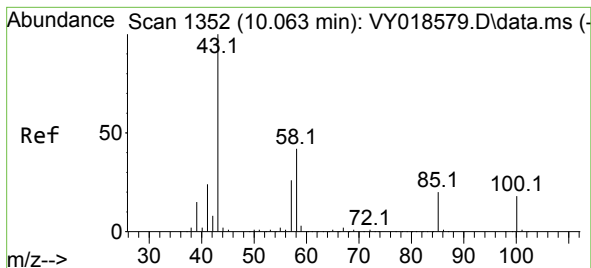
Tgt Ion:117 Resp: 8847
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.936 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Tgt Ion: 98 Resp: 193743
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

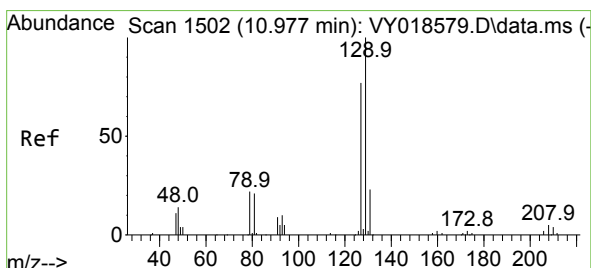
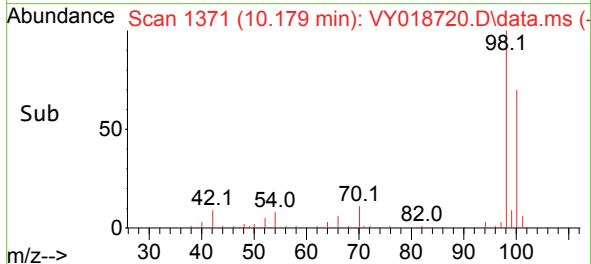
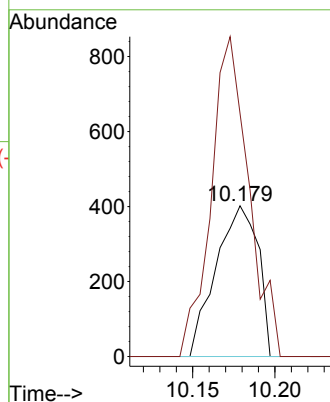
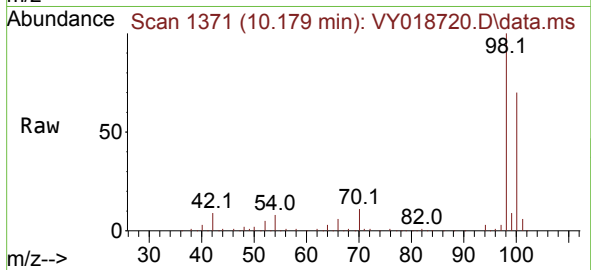




#51
4-Methyl-2-Pentanone
Concen: 1.092 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

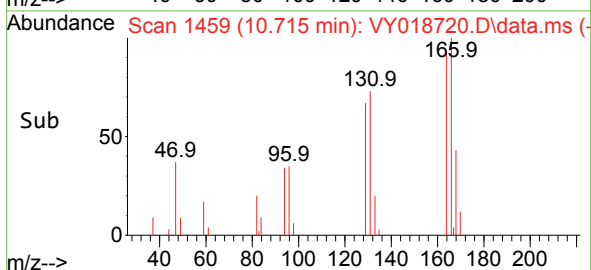
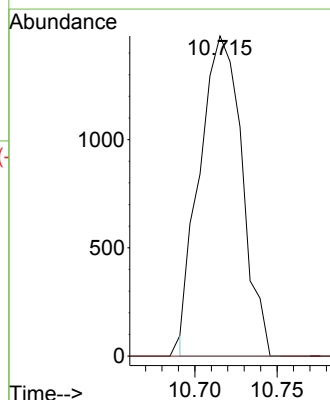
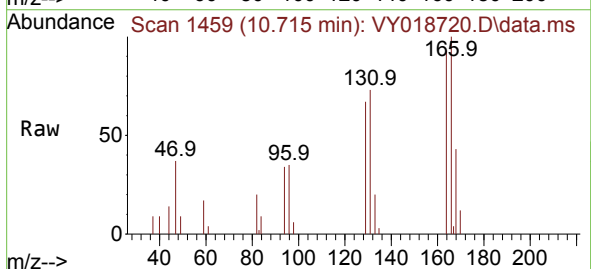
Instrument :
MSVOA_Y
ClientSampleId :

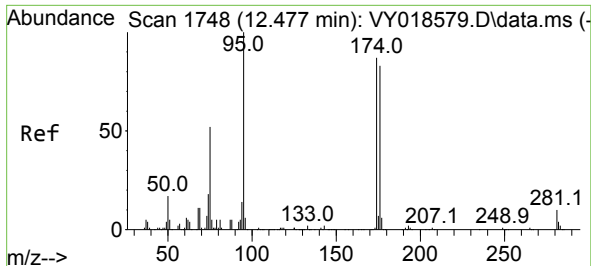
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 189.8 35.7 53.5#



#60
Dibromochloromethane
Concen: 2.584 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.262 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Tgt Ion: 129 Resp: 2655
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

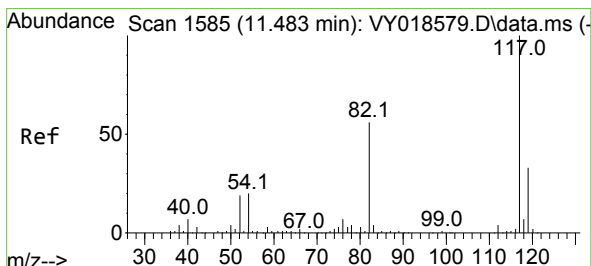
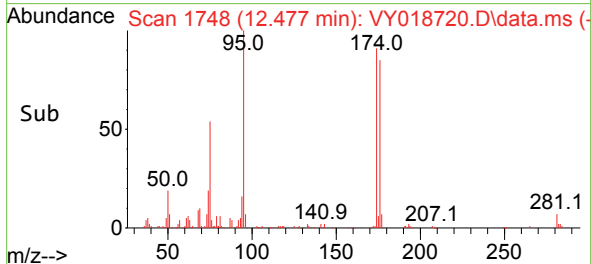
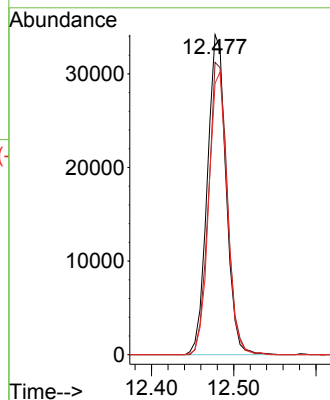
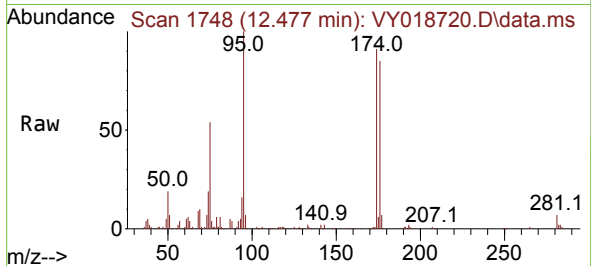




#62
4-Bromofluorobenzene
Concen: 43.407 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

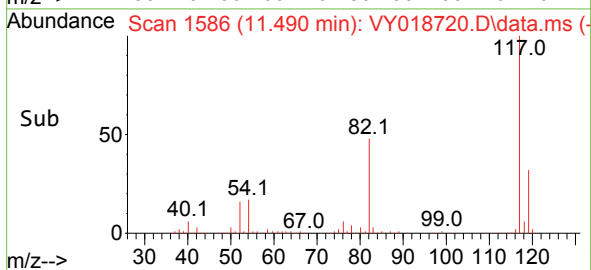
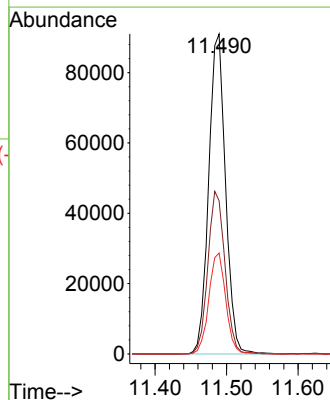
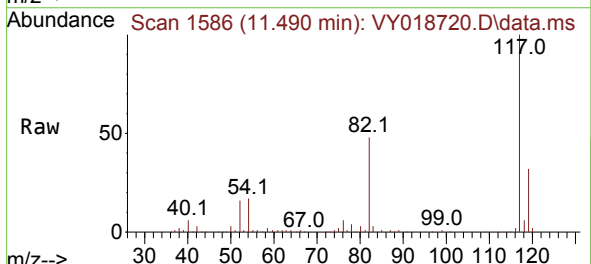
Instrument :
MSVOA_Y
ClientSampleId :

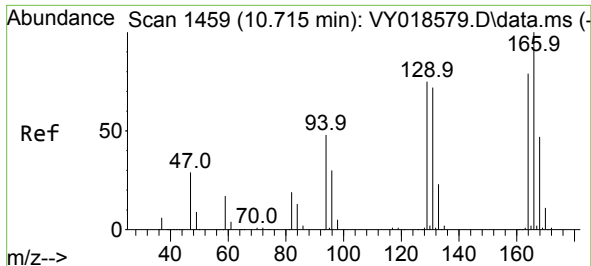
Tgt Ion: 95 Resp: 54267
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 87.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

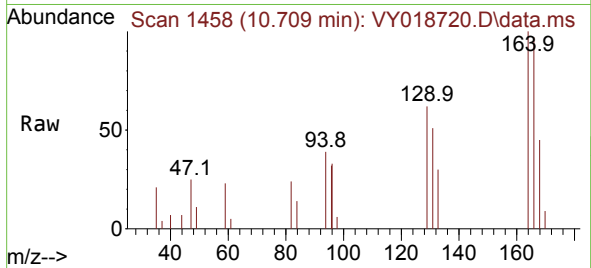
Tgt Ion: 117 Resp: 148608
Ion Ratio Lower Upper
117 100
82 47.9 42.4 63.6
119 31.6 25.9 38.9



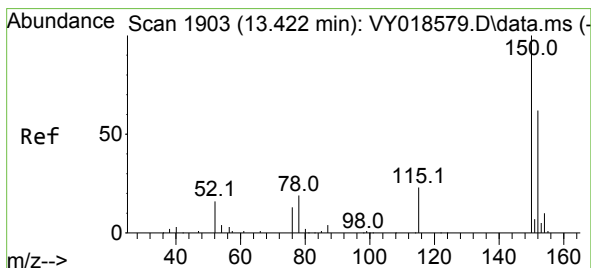
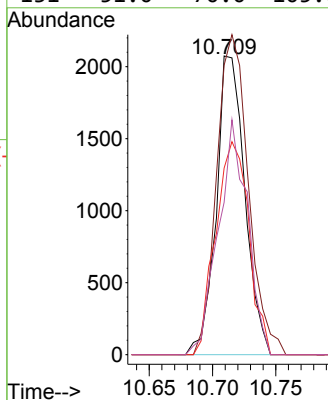
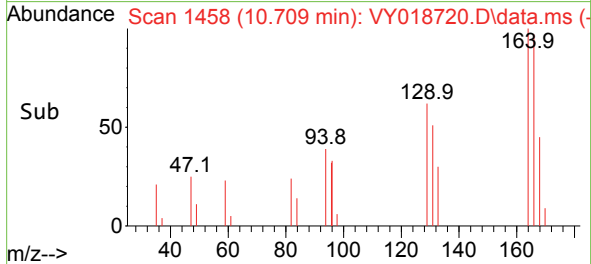


#64
Tetrachloroethene
Concen: 3.063 ug/l
RT: 10.709 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

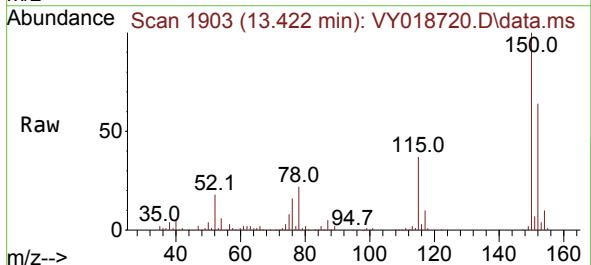
Instrument :
MSVOA_Y
ClientSampleId :



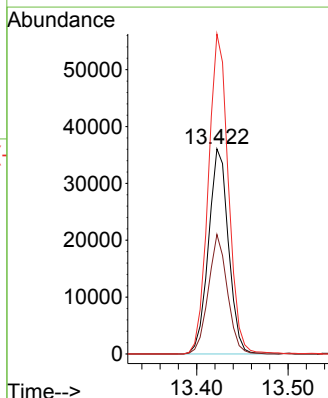
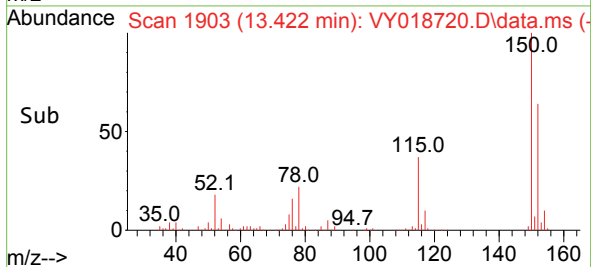
Tgt Ion:164 Resp: 3247
Ion Ratio Lower Upper
164 100
166 96.9 102.6 154.0#
129 62.4 72.0 108.0#
131 51.0 70.0 105.0#

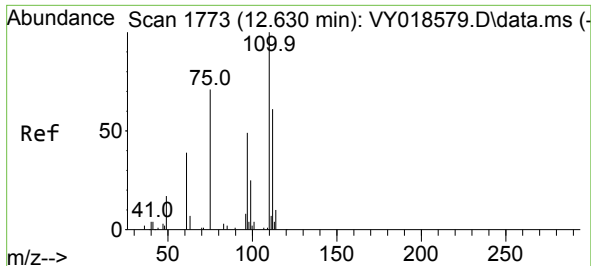


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34



Tgt Ion:152 Resp: 54756
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.4 0.0 345.6

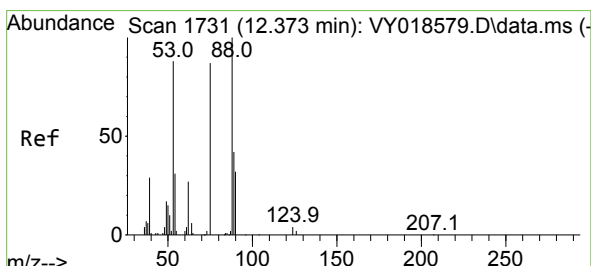
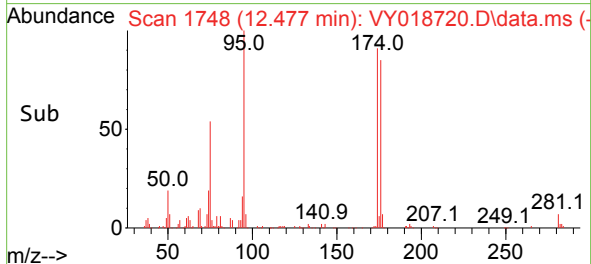
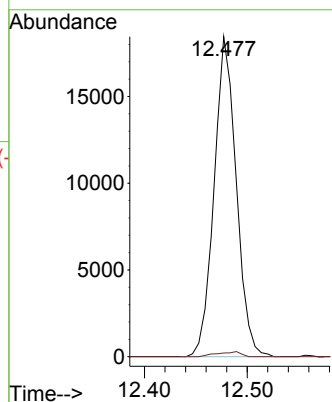
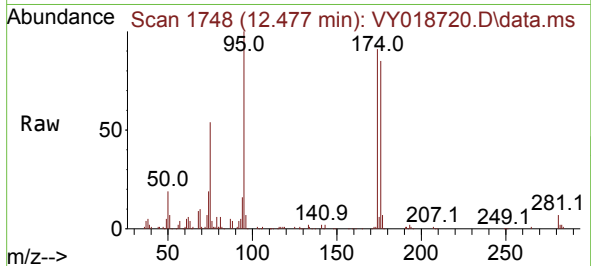




#76
1,2,3-Trichloropropane
Concen: 53.709 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 27587
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.685 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Tgt Ion: 75 Resp: 27587
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

