

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018726.D
 Acq On : 28 Jun 2024 11:06
 Operator : SY/MD
 Sample : VY0628SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 01:43:51 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)

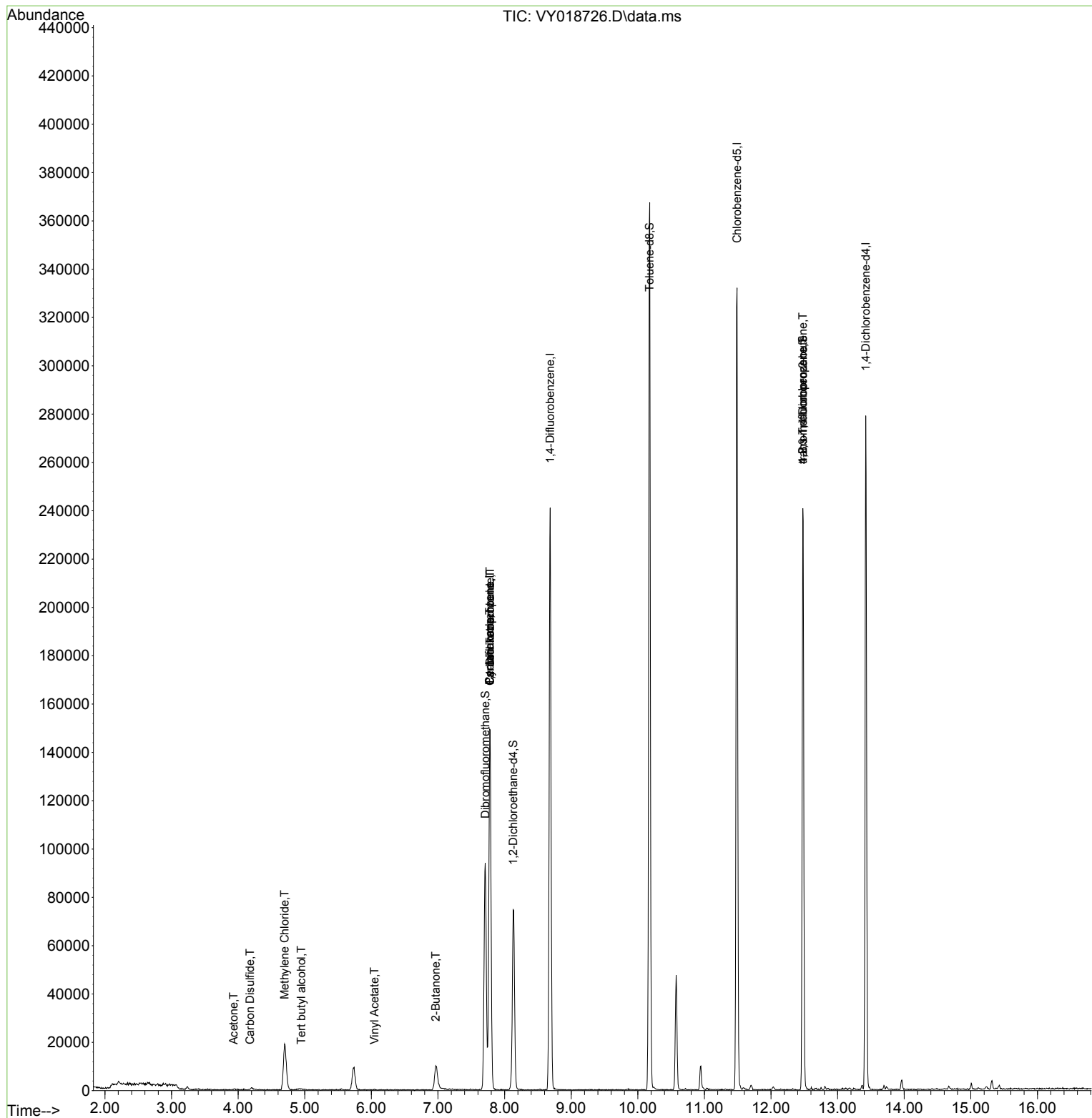
Internal Standards						
1) Pentafluorobenzene	7.776	168	120637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	194289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57102	47.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.709	113	66256	50.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.178	98	251252	49.626	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.477	95	72877	45.585	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	304	1.392	ug/l #	88
16) Acetone	3.930	43	464	1.878	ug/l	95
17) Carbon Disulfide	4.179	76	40	2.230	ug/l #	76
20) Methylene Chloride	4.698	84	15543	1.519	ug/l #	91
23) Vinyl Acetate	6.045	43	160	23.737	ug/l #	67
25) 2-Butanone	6.966	43	629	1.698	ug/l #	41
31) Cyclohexane	7.776	56	2415	1.298	ug/l #	29
36) 1,1-Dichloropropene	7.782	75	8794	4.853	ug/l #	49
38) Carbon Tetrachloride	7.782	117	11098	5.837	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	38064	55.379	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38064	145.057	ug/l #	16

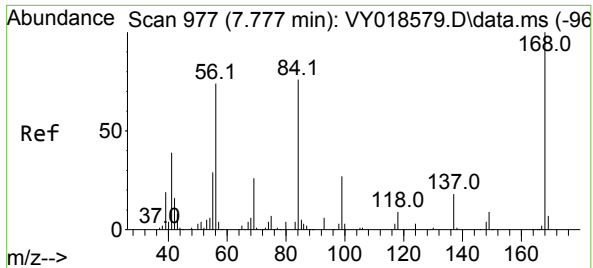
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
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Operator : SY/MD
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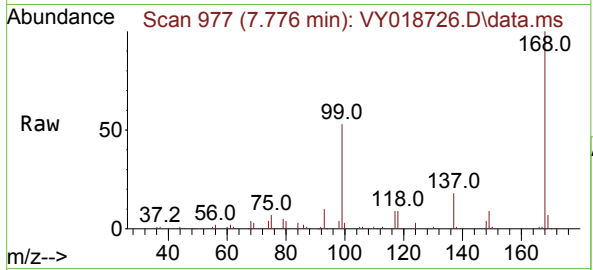
Quant Time: Jul 01 01:43:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



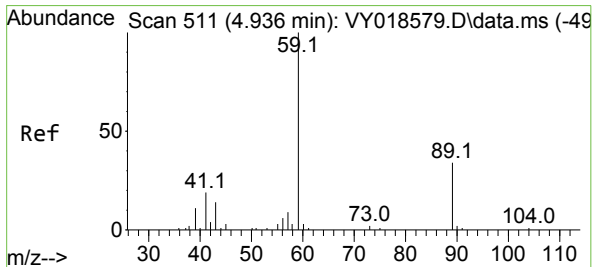
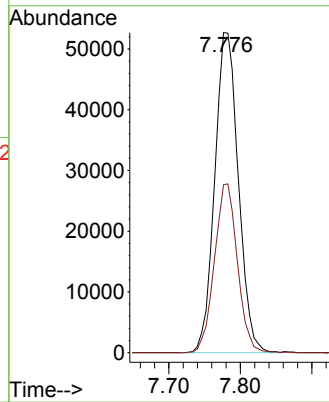
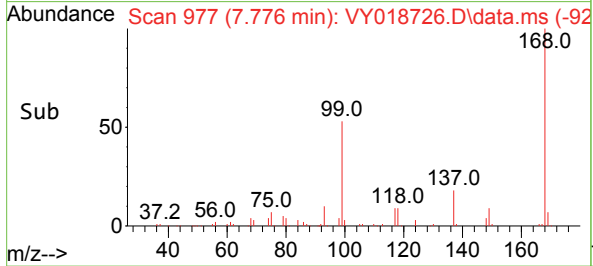


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

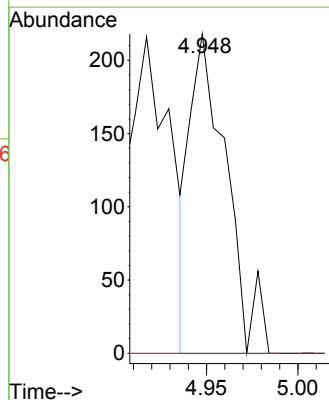
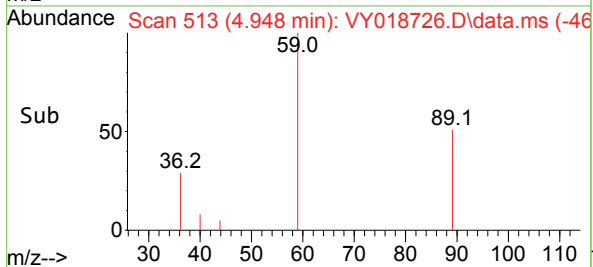
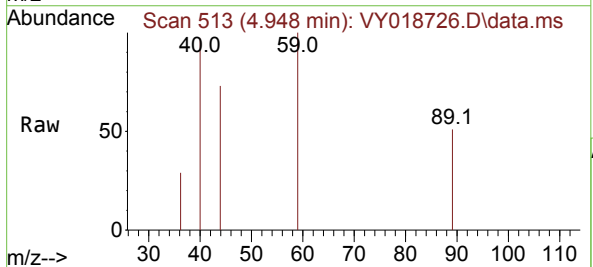


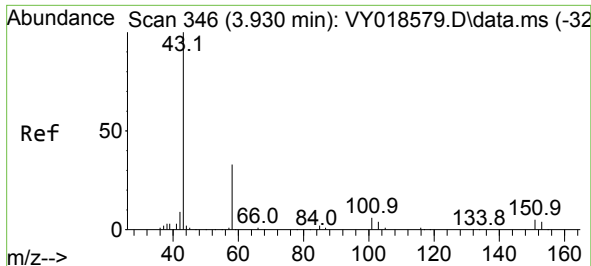
Tgt Ion:168 Resp: 120637
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.392 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.878 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.000 min

Lab File: VY018726.D

Acq: 28 Jun 2024 11:06

Instrument :

MSVOA_Y

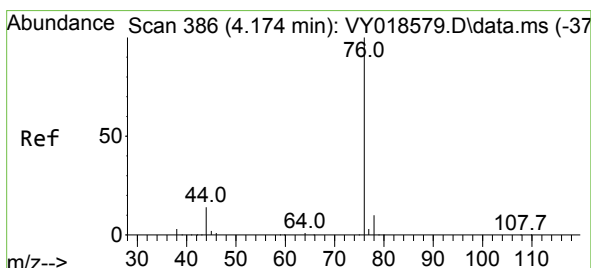
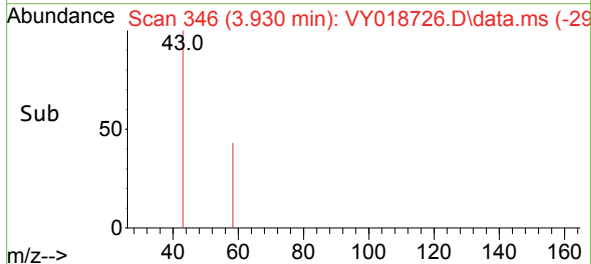
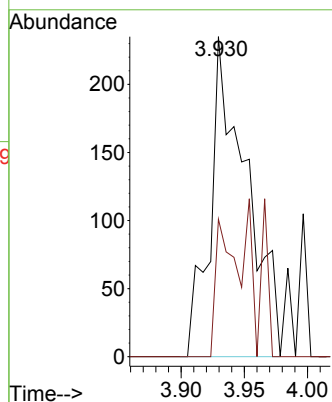
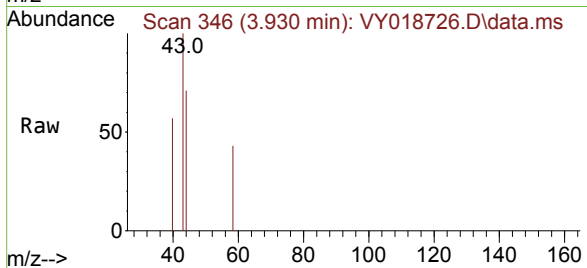
ClientSampleId :

Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

58 43.0 31.7 47.5



#17

Carbon Disulfide

Concen: 2.230 ug/l

RT: 4.179 min Scan# 387

Delta R.T. 0.005 min

Lab File: VY018726.D

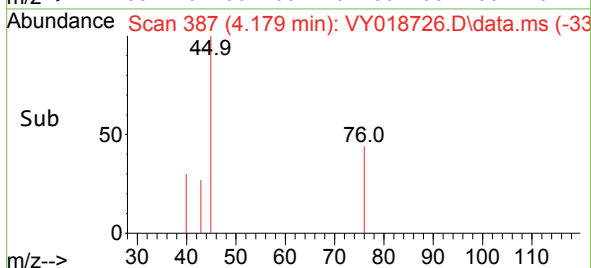
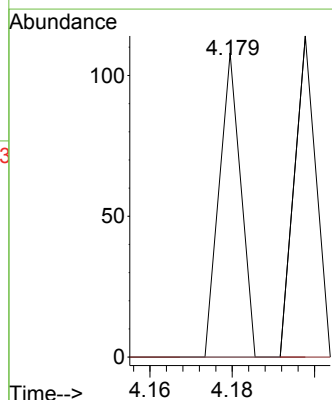
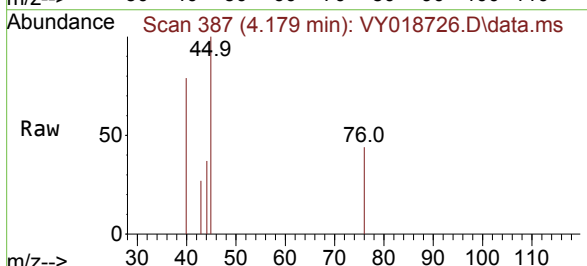
Acq: 28 Jun 2024 11:06

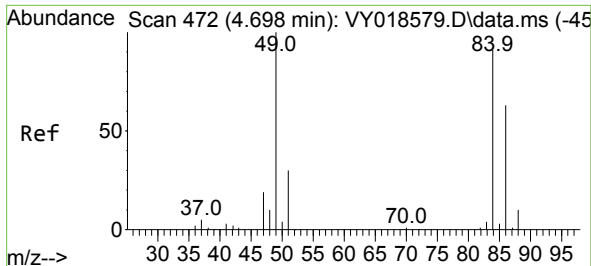
Tgt Ion: 76 Resp: 40

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#





#20

Methylene Chloride

Concen: 1.519 ug/l

RT: 4.698 min Scan# 41

Delta R.T. -0.000 min

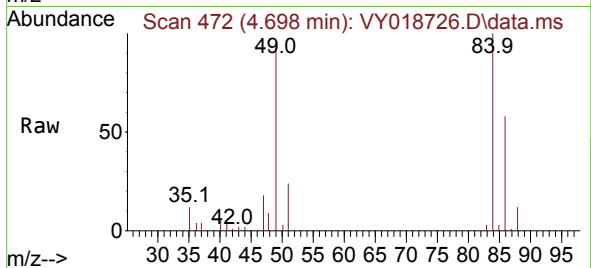
Lab File: VY018726.D

Acq: 28 Jun 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 15543

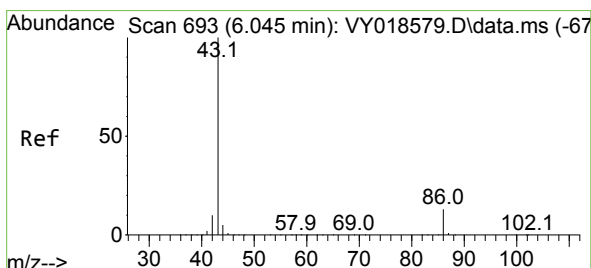
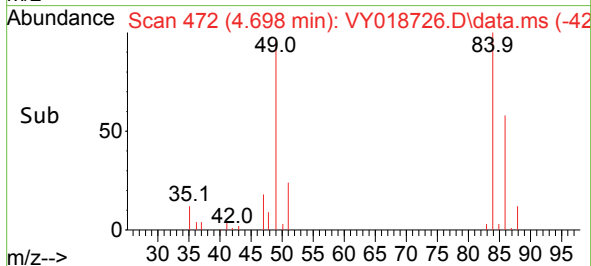
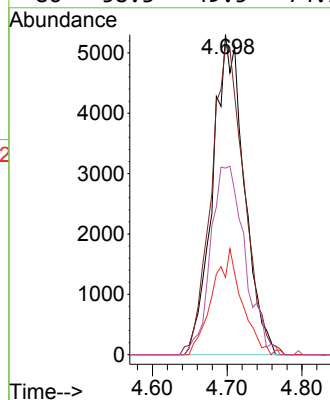
Ion Ratio Lower Upper

84 100

49 96.4 84.4 126.6

51 24.1 26.0 39.0#

86 58.3 49.5 74.3



#23

Vinyl Acetate

Concen: 23.737 ug/l

RT: 6.045 min Scan# 693

Delta R.T. -0.000 min

Lab File: VY018726.D

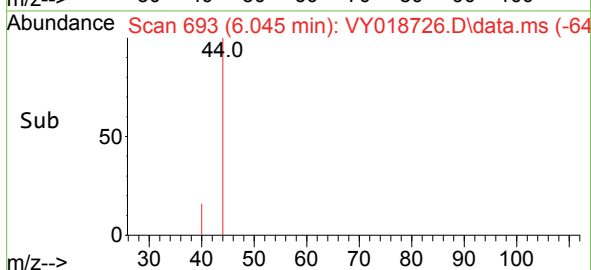
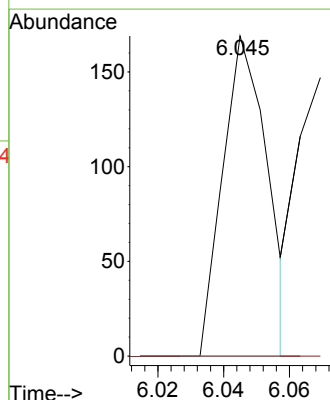
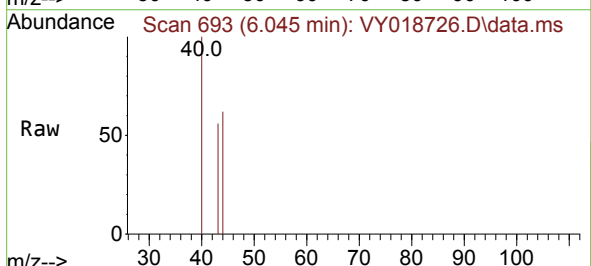
Acq: 28 Jun 2024 11:06

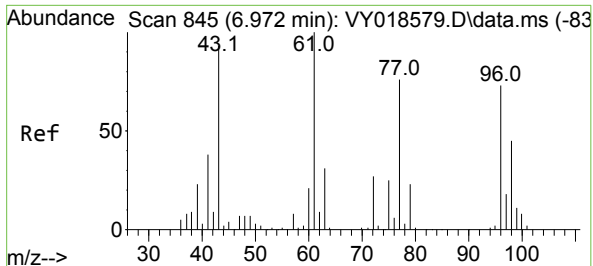
Tgt Ion: 43 Resp: 160

Ion Ratio Lower Upper

43 100

86 0.0 10.6 16.0#

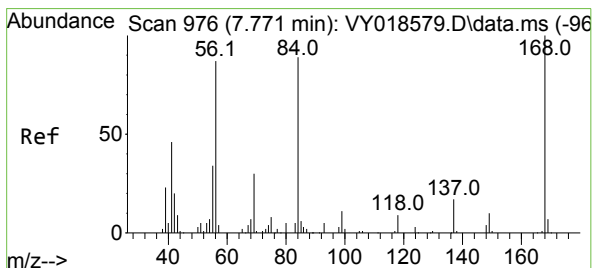
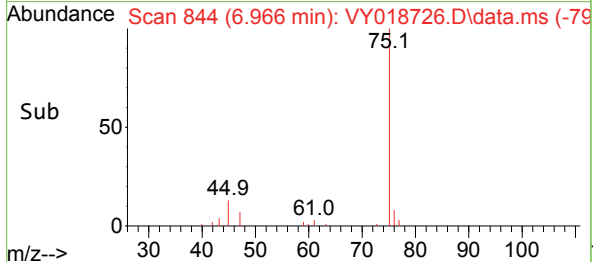
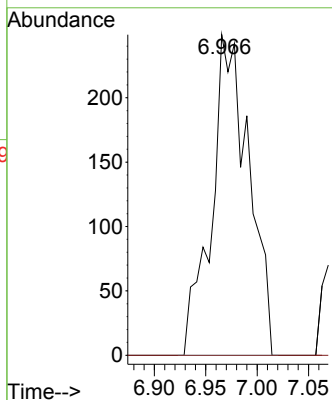
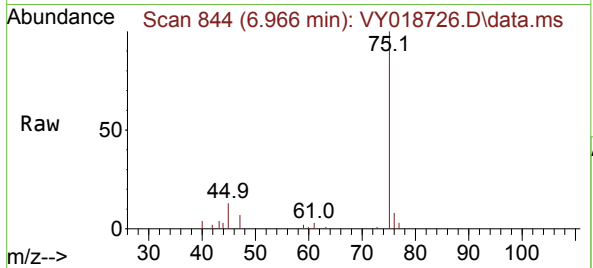




#25
2-Butanone
Concen: 1.698 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

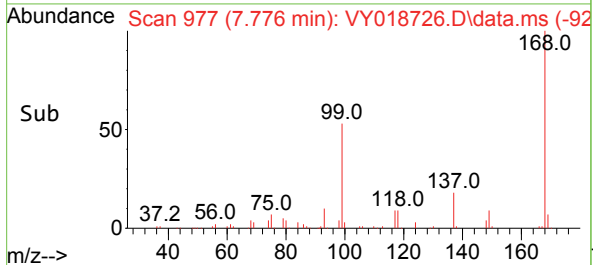
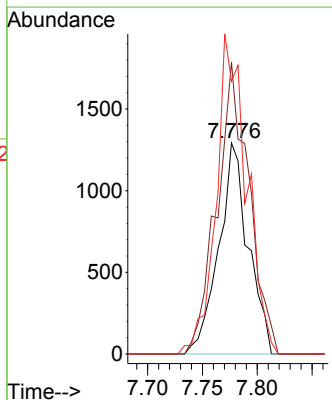
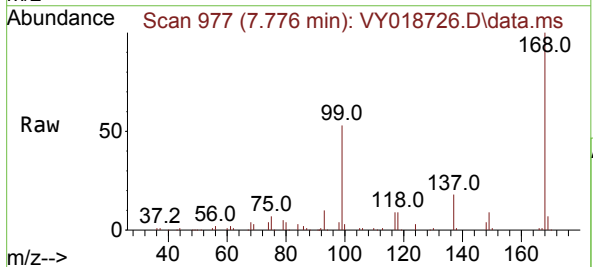
Instrument :
MSVOA_Y
ClientSampleId :

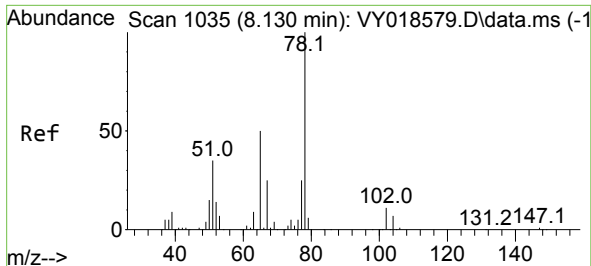
Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.776 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

Tgt Ion: 56 Resp: 2415
Ion Ratio Lower Upper
56 100
69 138.2 28.7 43.1#
84 129.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 47.014 ug/l

RT: 8.130 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VY018726.D

Acq: 28 Jun 2024 11:06

Instrument :

MSVOA_Y

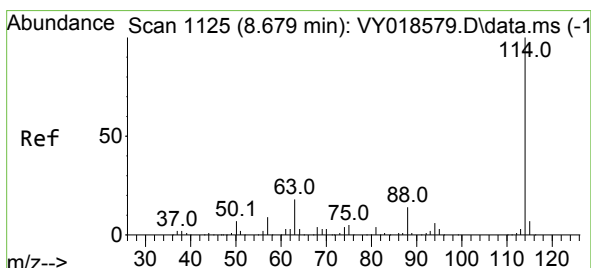
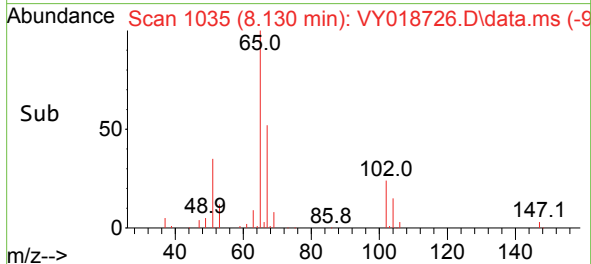
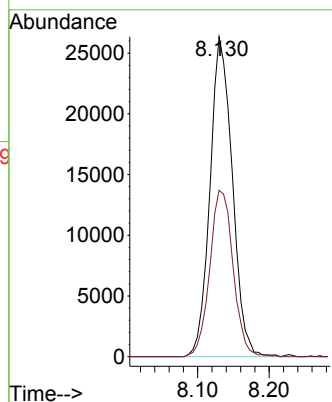
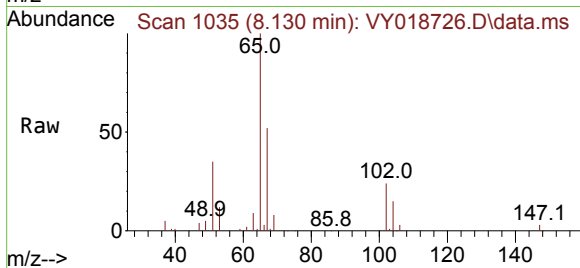
ClientSampleId :

Tgt Ion: 65 Resp: 57102

Ion Ratio Lower Upper

65 100

67 54.5 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: VY018726.D

Acq: 28 Jun 2024 11:06

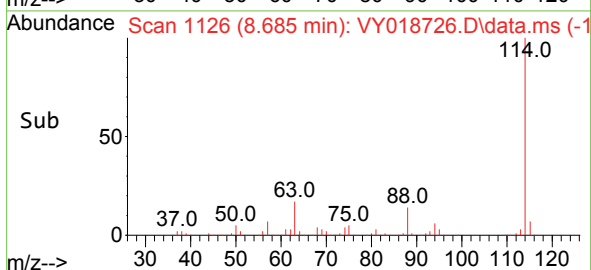
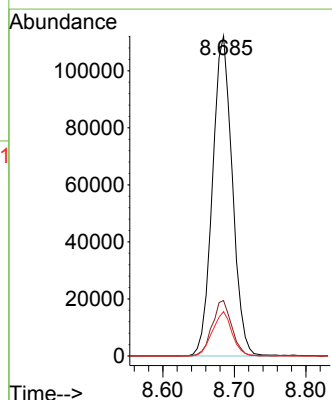
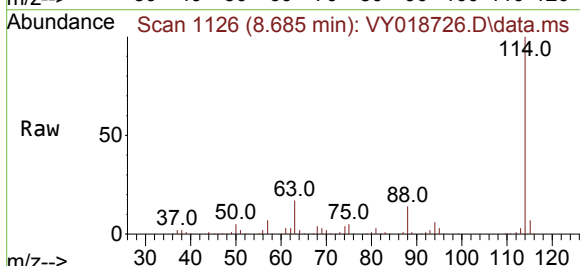
Tgt Ion: 114 Resp: 215818

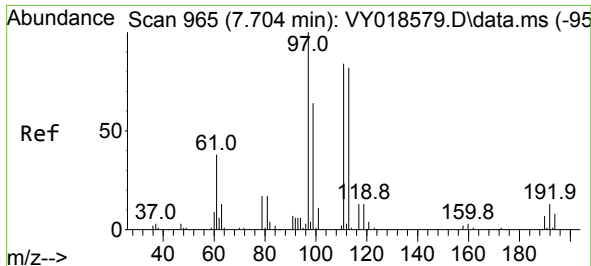
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.9 0.0 27.2

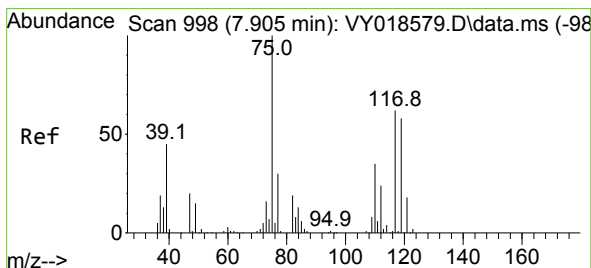
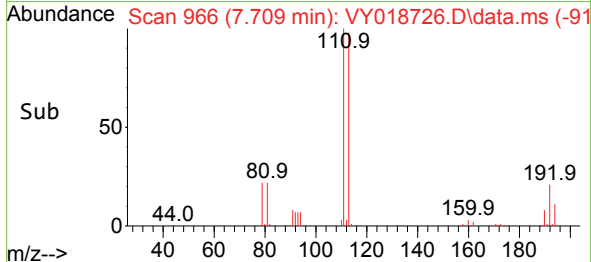
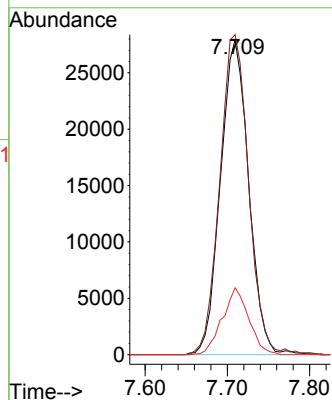
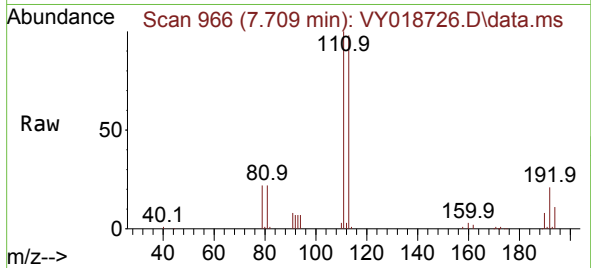




#35
Dibromofluoromethane
Concen: 50.326 ug/l
RT: 7.709 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

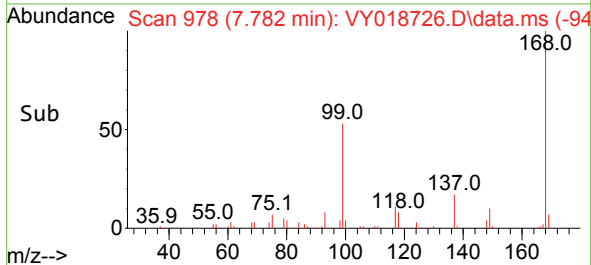
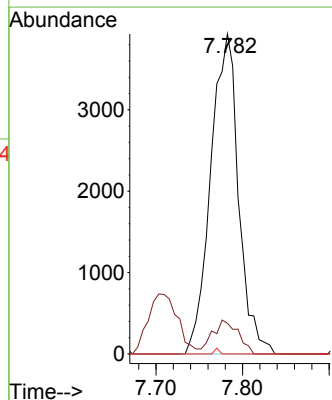
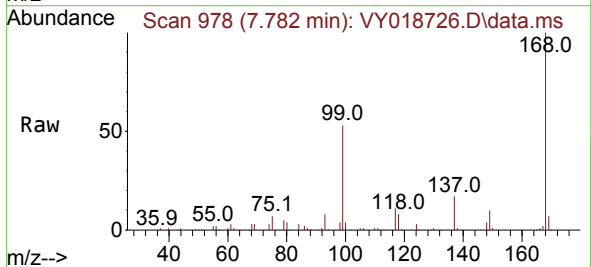
Instrument :
MSVOA_Y
ClientSampleId :

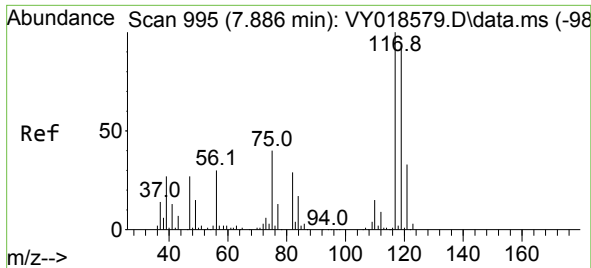
Tgt Ion:113 Resp: 66256
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

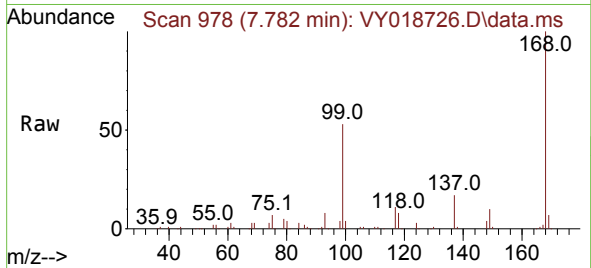
Tgt Ion: 75 Resp: 8794
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.3 25.3 37.9#



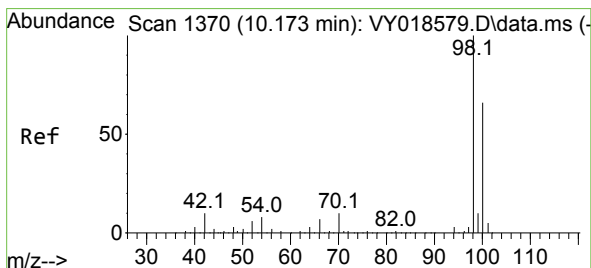
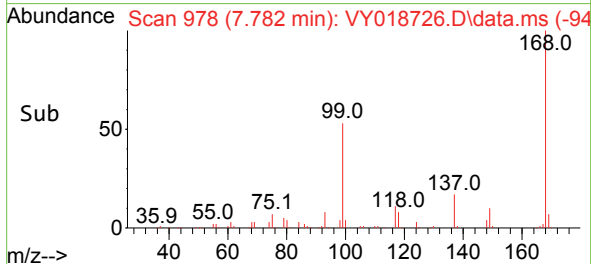
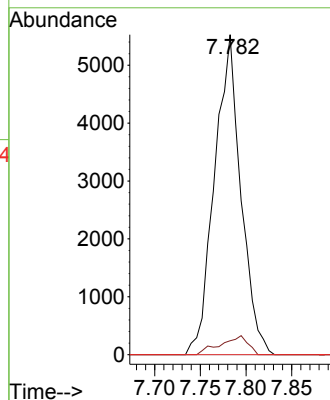


#38
Carbon Tetrachloride
Concen: 5.837 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

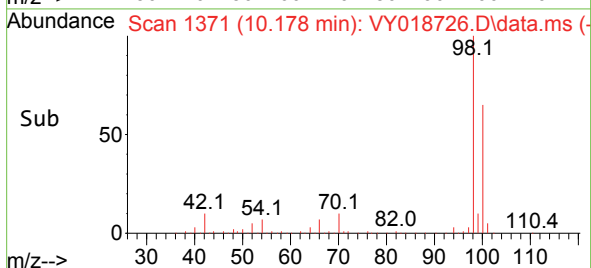
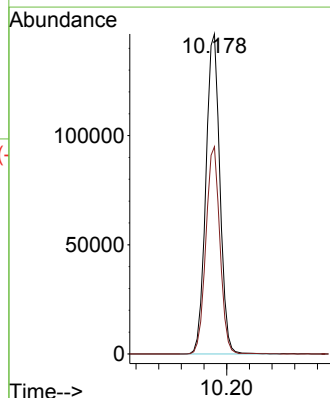
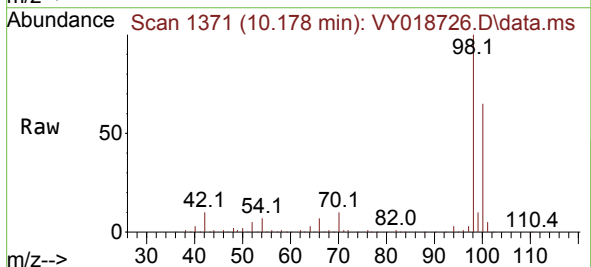


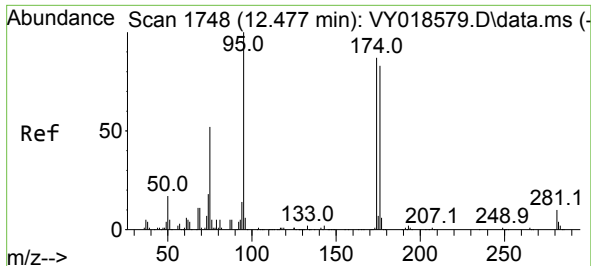
Tgt Ion:117 Resp: 11098
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.626 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

Tgt Ion: 98 Resp: 251252
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

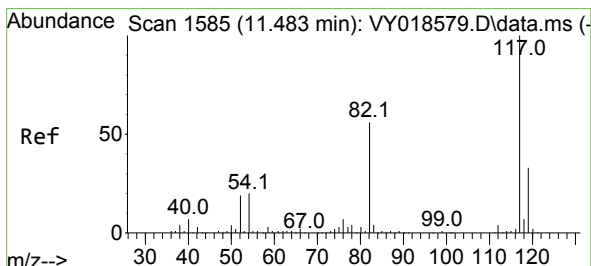
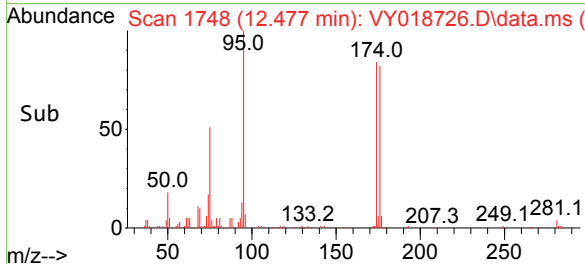
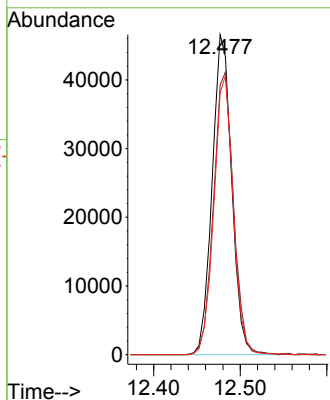
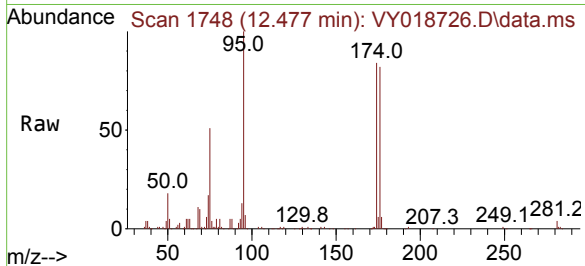




#62
4-Bromofluorobenzene
Concen: 45.585 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

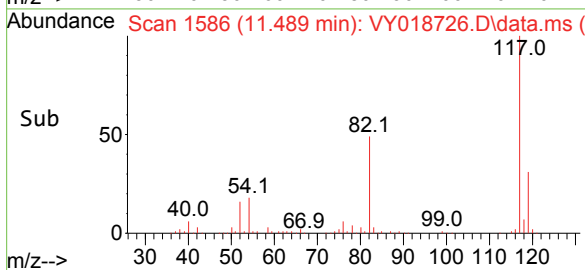
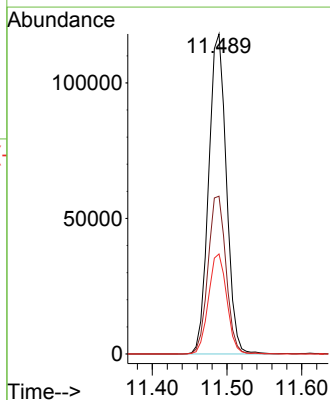
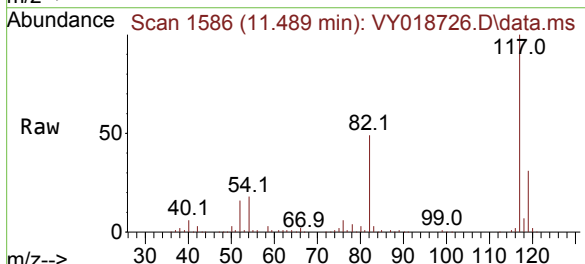
Instrument :
MSVOA_Y
ClientSampleId :

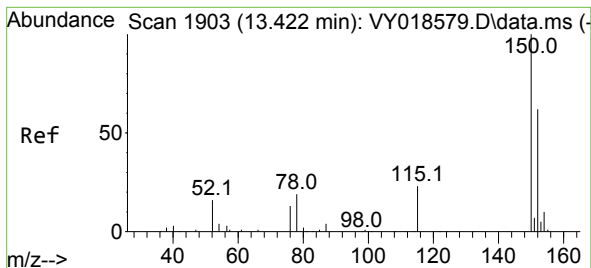
Tgt Ion: 95 Resp: 72877
Ion Ratio Lower Upper
95 100
174 90.1 0.0 175.6
176 86.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

Tgt Ion: 117 Resp: 194289
Ion Ratio Lower Upper
117 100
82 49.3 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: VY018726.D

Acq: 28 Jun 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

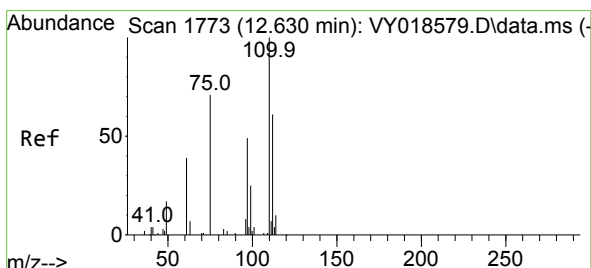
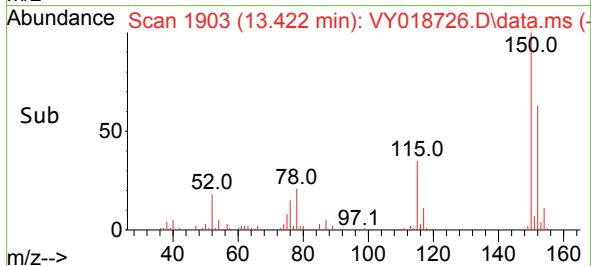
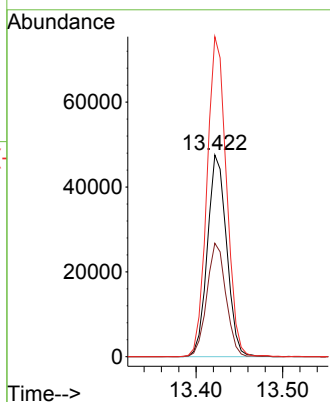
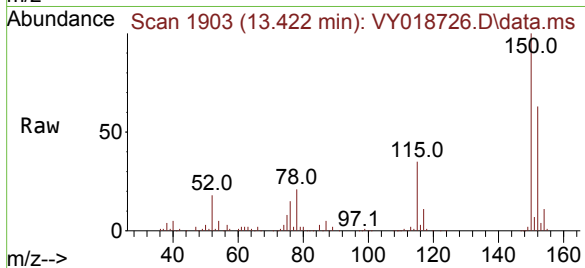
Tgt Ion:152 Resp: 73274

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 160.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 55.379 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018726.D

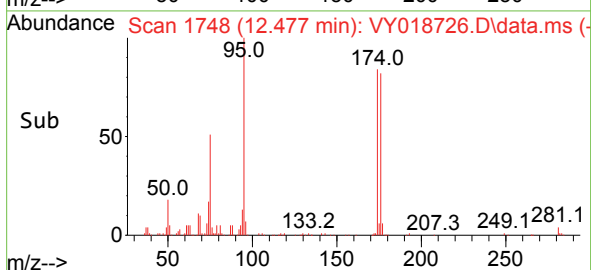
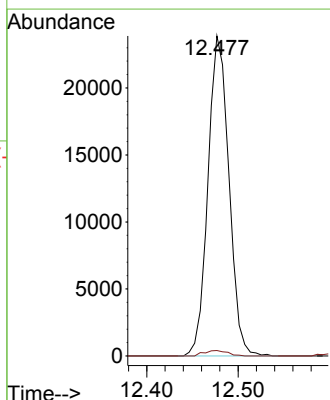
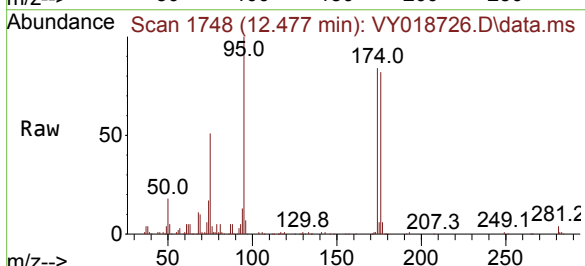
Acq: 28 Jun 2024 11:06

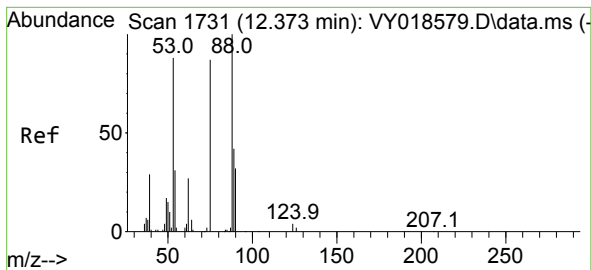
Tgt Ion: 75 Resp: 38064

Ion Ratio Lower Upper

75 100

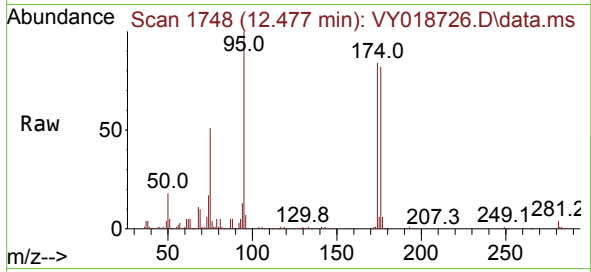
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.057 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY018726.D
 Acq: 28 Jun 2024 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 38064
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

