

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018632.D
 Acq On : 18 Jun 2024 16:25
 Operator : SY/MD
 Sample : P2917-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 02:03:17 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	7.777	168	11519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	19299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	15295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4452	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	6164	53.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.300%
35) Dibromofluoromethane	7.710	113	6293	53.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.900%
50) Toluene-d8	10.172	98	20873	46.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.200%
62) 4-Bromofluorobenzene	12.477	95	5217	36.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.980%

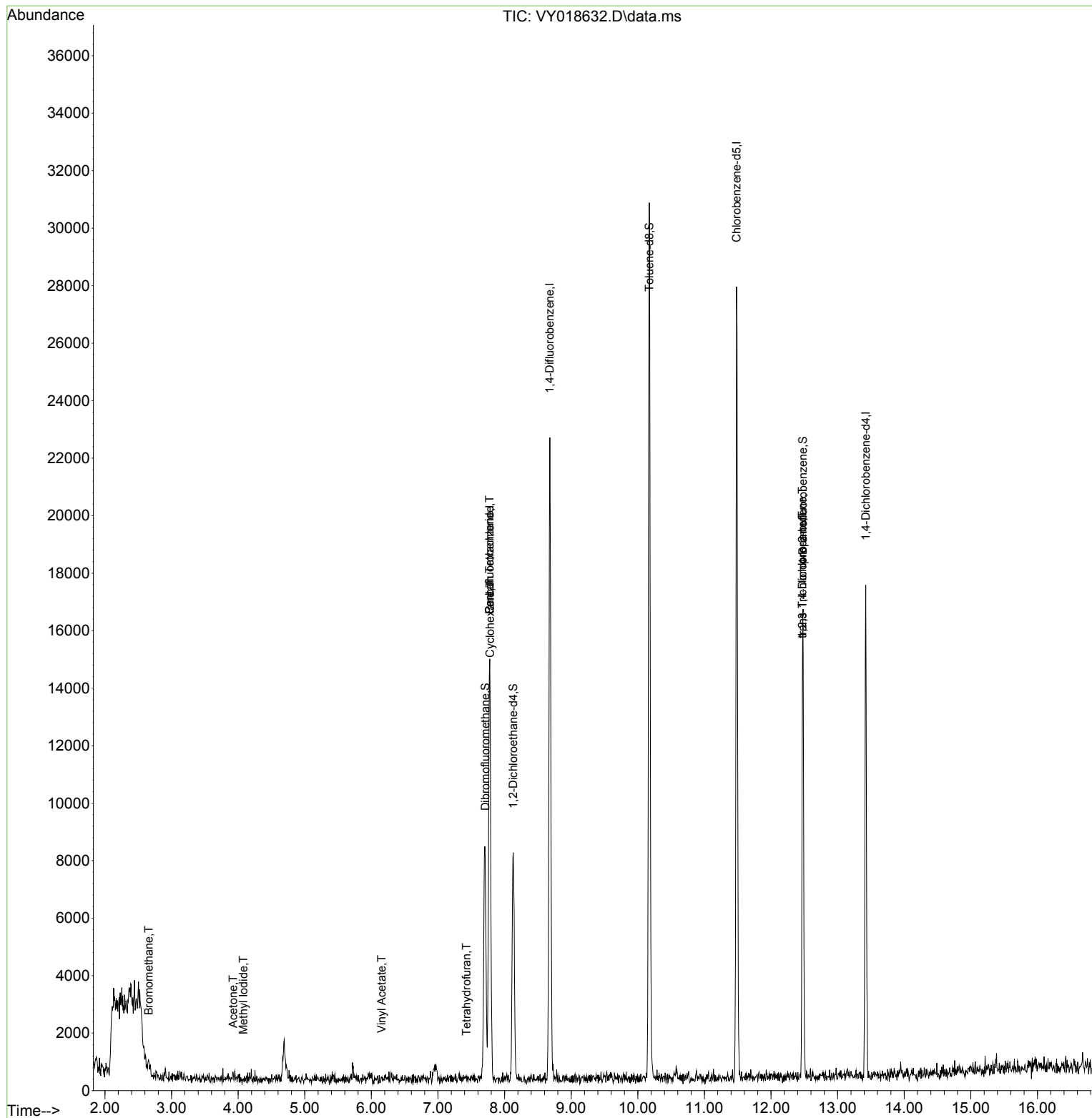
Target Compounds					Qvalue	
5) Bromomethane	2.656	94	242	1.683	ug/l	96
10) Methyl Iodide	4.076	142	57	1.121	ug/l #	42
16) Acetone	3.924	43	154	6.527	ug/l #	36
20) Methylene Chloride	4.692	84	926	Below Cal	#	91
23) Vinyl Acetate	6.155	43	45	23.815	ug/l #	67
29) Tetrahydrofuran	7.429	42	34	1.567	ug/l #	26
31) Cyclohexane	7.783	56	291	1.638	ug/l #	68
38) Carbon Tetrachloride	7.777	117	1135	6.676	ug/l #	13
76) 1,2,3-Trichloropropane	12.471	75	2737	65.539	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.471	75	2737	171.670	ug/l #	16

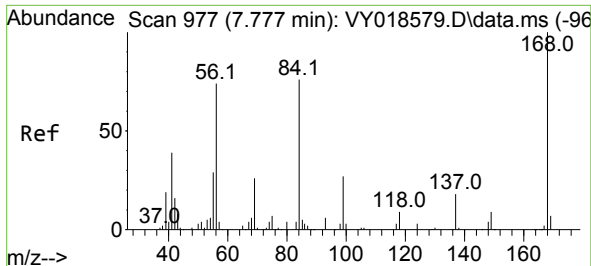
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
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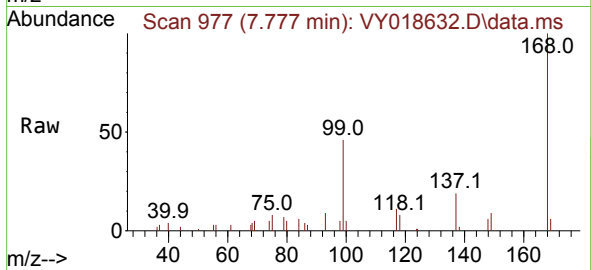
Quant Time: Jun 19 02:03:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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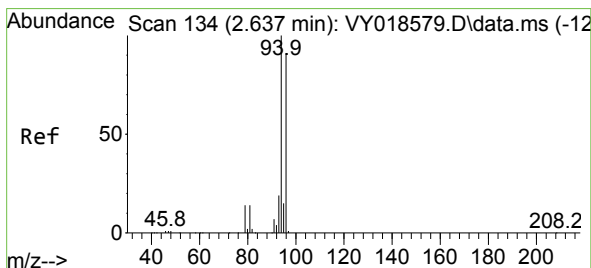
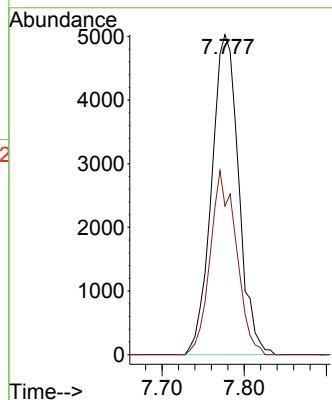
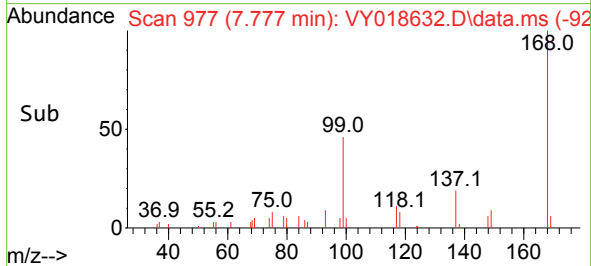


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

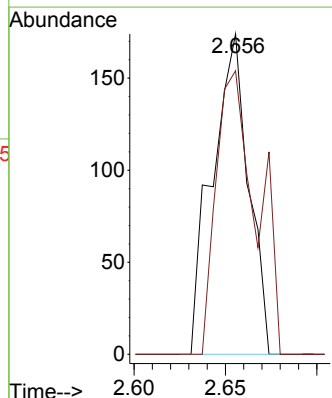
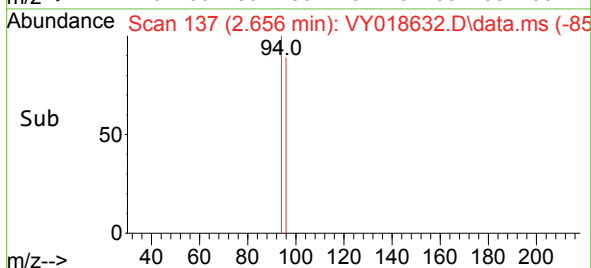
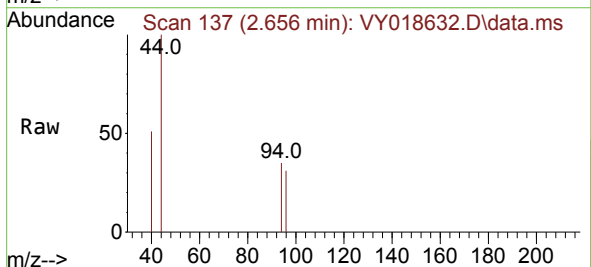


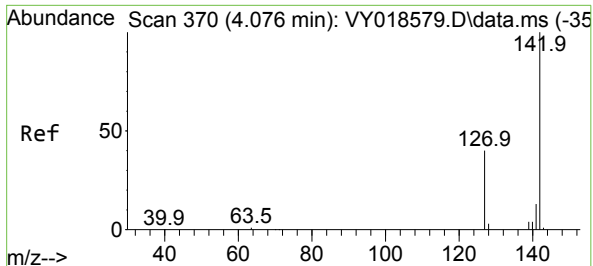
Tgt Ion:168 Resp: 11519
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#5
Bromomethane
Concen: 1.683 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

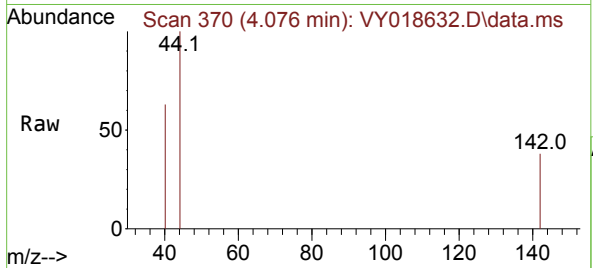
Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 88.5 74.1 111.1



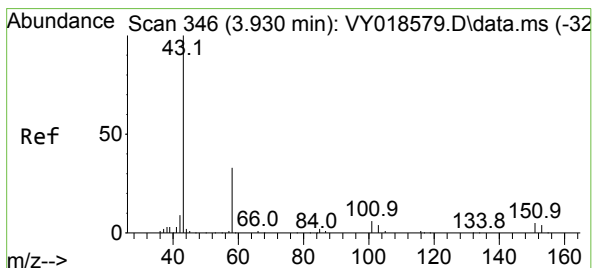
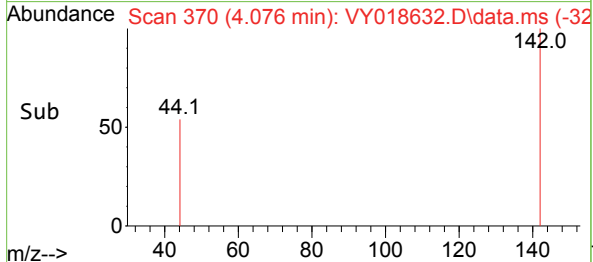
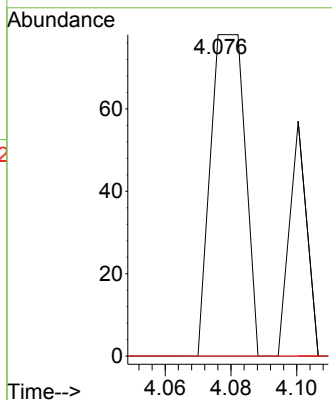


#10
Methyl Iodide
Concen: 1.121 ug/l
RT: 4.076 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

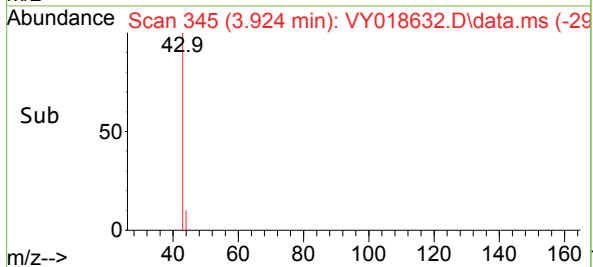
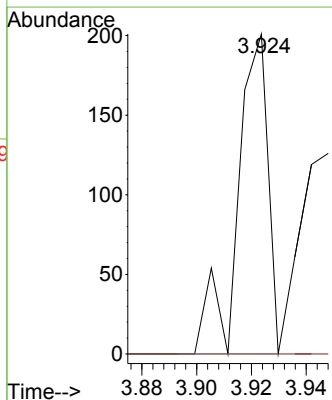
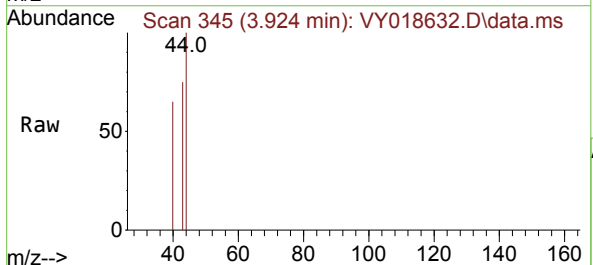


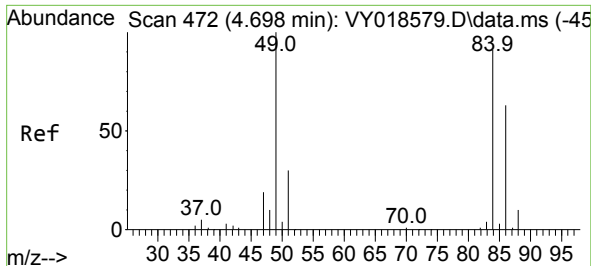
Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 6.527 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.006 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

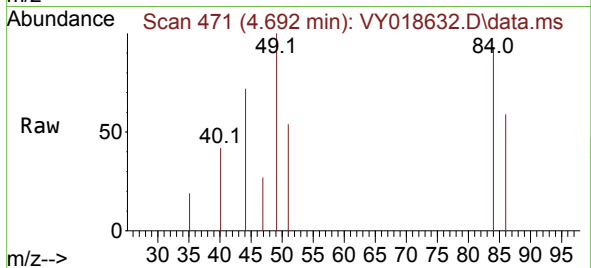
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





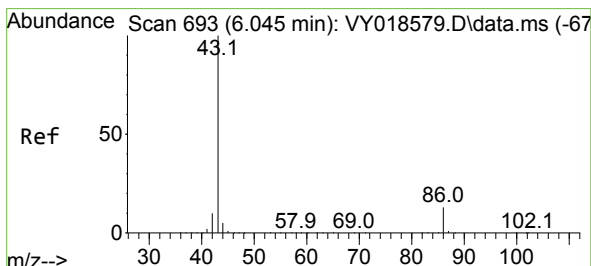
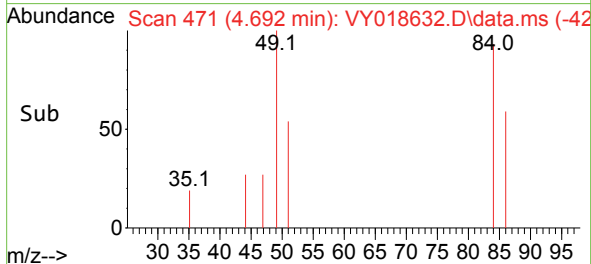
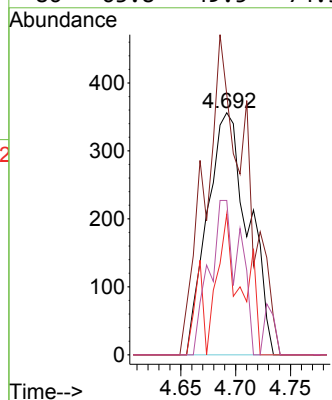
#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 926

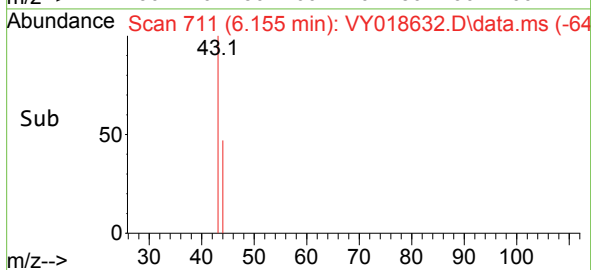
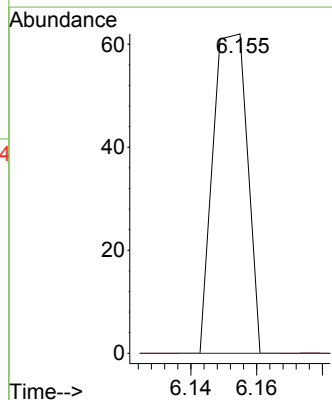
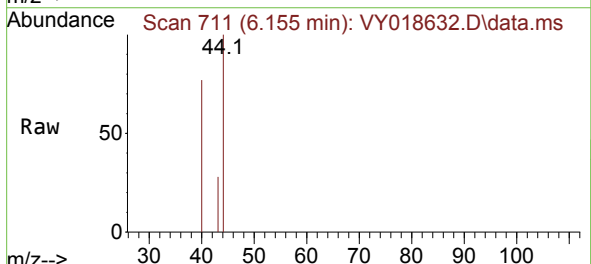
Ion	Ratio	Lower	Upper
84	100		
49	107.6	84.4	126.6
51	58.1	26.0	39.0
86	63.8	49.5	74.3

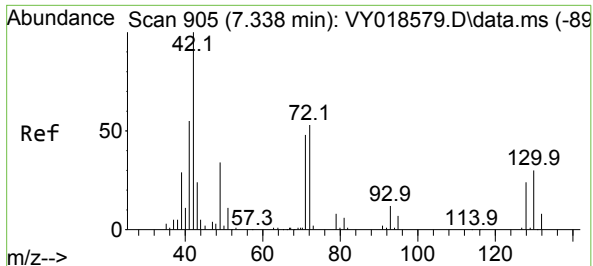


#23
Vinyl Acetate
Concen: 23.815 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.110 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Tgt Ion: 43 Resp: 45

Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0





#29

Tetrahydrofuran

Concen: 1.567 ug/l

RT: 7.429 min Scan# 91

Delta R.T. 0.091 min

Lab File: VY018632.D

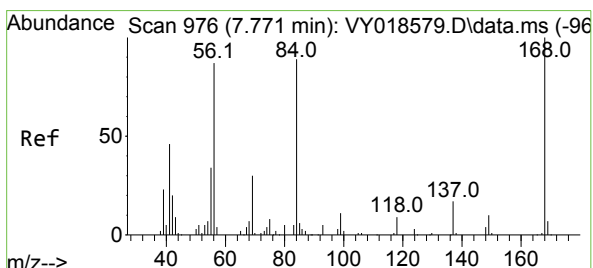
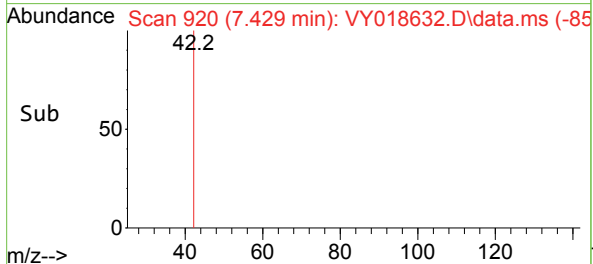
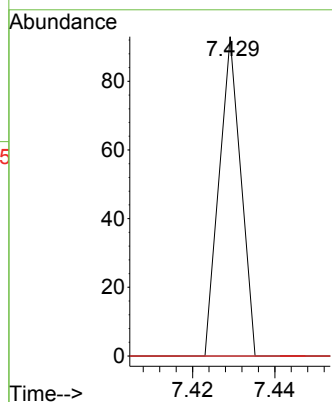
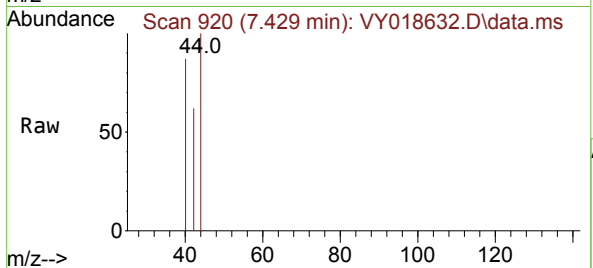
Acq: 18 Jun 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 34
Ion Ratio	Lower Upper
42	100
72	0.0 43.0 64.4#
71	0.0 40.8 61.2#



#31

Cyclohexane

Concen: 1.638 ug/l

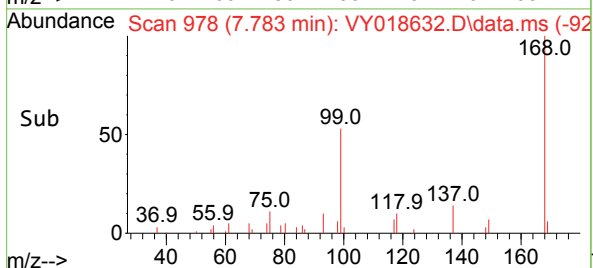
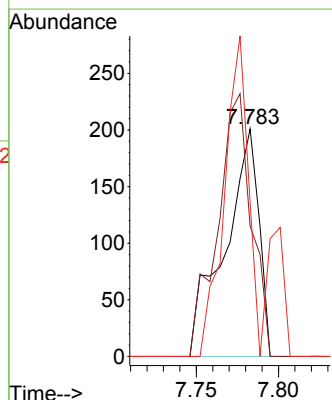
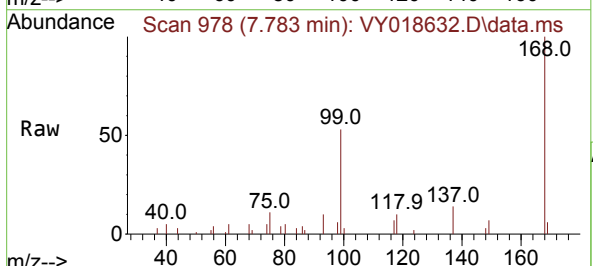
RT: 7.783 min Scan# 978

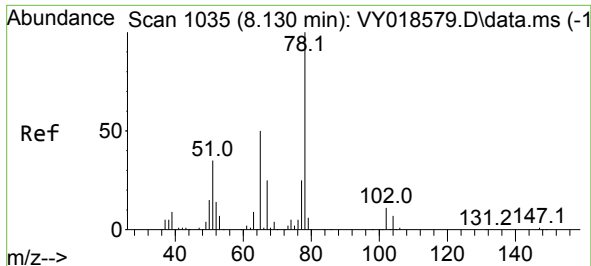
Delta R.T. 0.012 min

Lab File: VY018632.D

Acq: 18 Jun 2024 16:25

Tgt Ion: 56	Resp: 291
Ion Ratio	Lower Upper
56	100
69	57.2 28.7 43.1#
84	67.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 53.151 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018632.D

Acq: 18 Jun 2024 16:25

Instrument :

MSVOA_Y

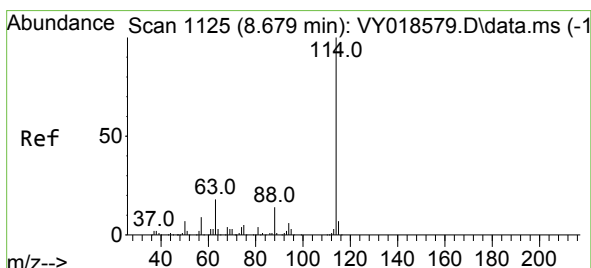
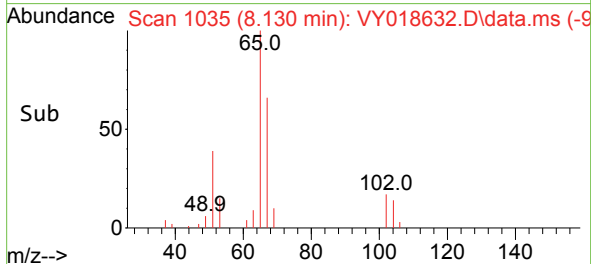
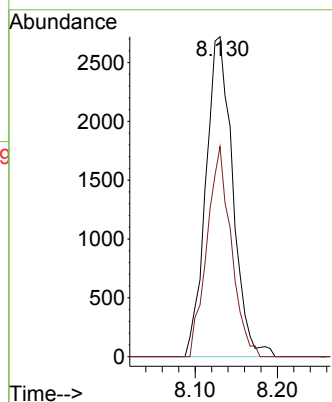
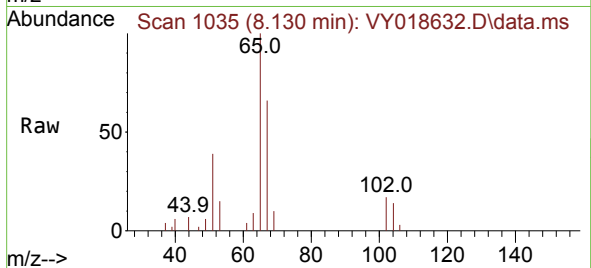
ClientSampleId :

Tgt Ion: 65 Resp: 6164

Ion Ratio Lower Upper

65 100

67 59.2 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: VY018632.D

Acq: 18 Jun 2024 16:25

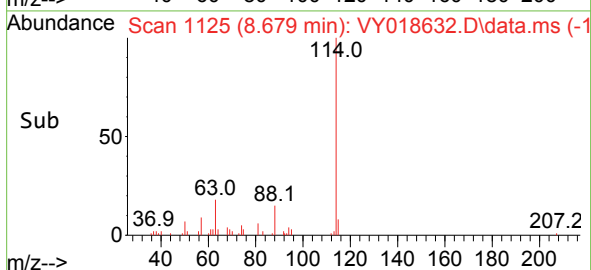
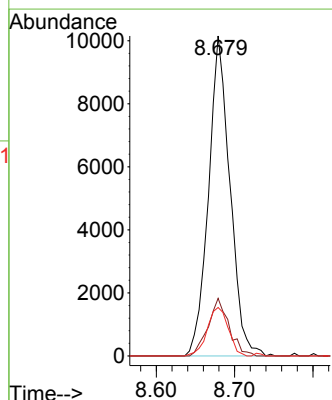
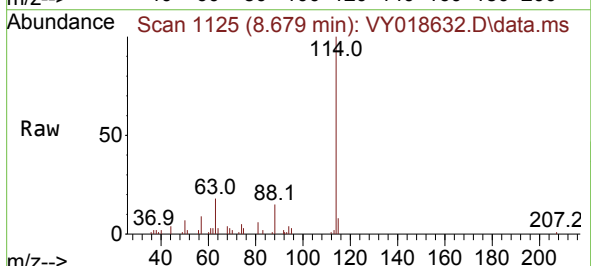
Tgt Ion: 114 Resp: 19299

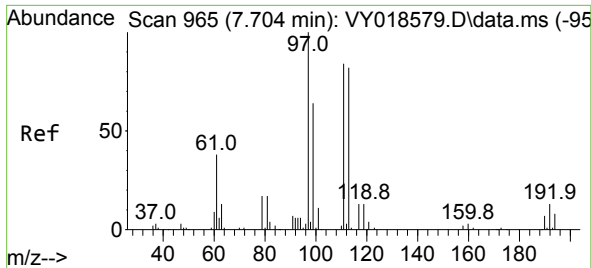
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 15.2 0.0 27.2

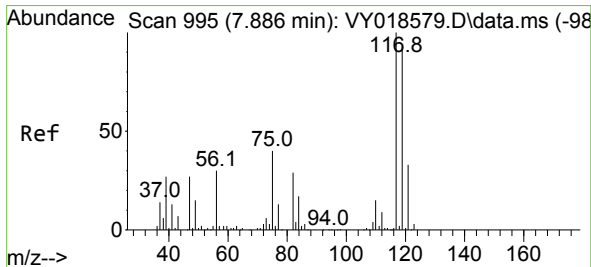
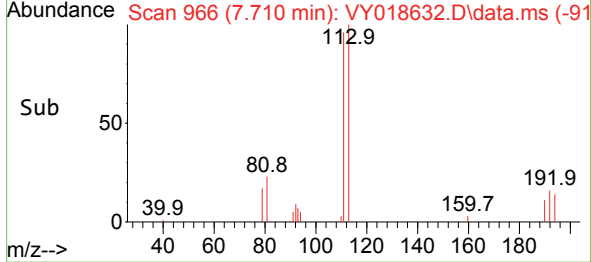
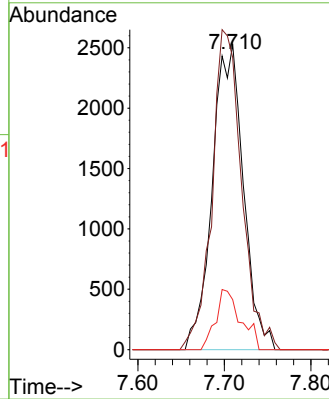
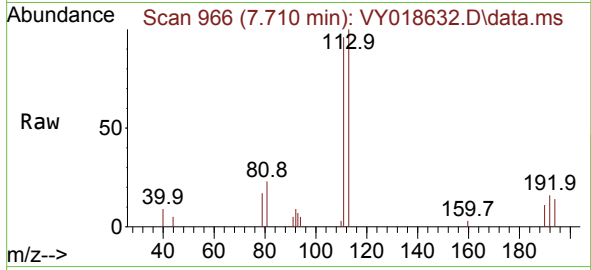




#35
Dibromofluoromethane
Concen: 53.454 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

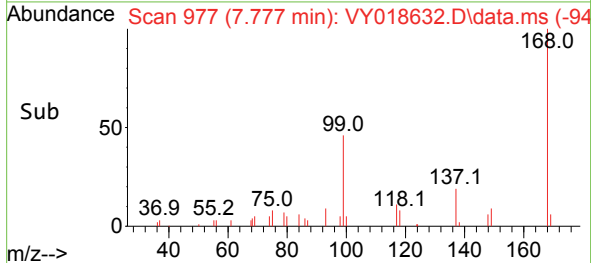
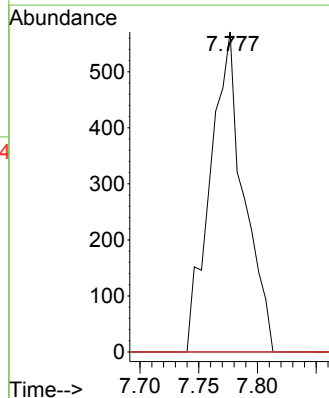
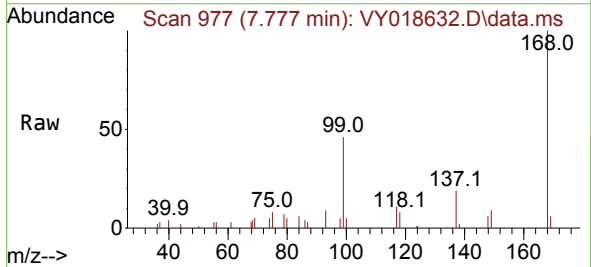
Instrument :
MSVOA_Y
ClientSampleId :

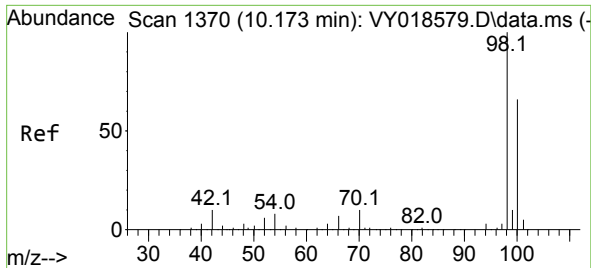
Tgt Ion:113 Resp: 6293
Ion Ratio Lower Upper
113 100
111 99.8 82.2 123.4
192 15.9 15.9 23.9#



#38
Carbon Tetrachloride
Concen: 6.676 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Tgt Ion:117 Resp: 1135
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

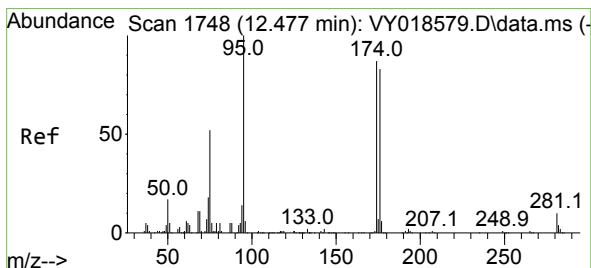
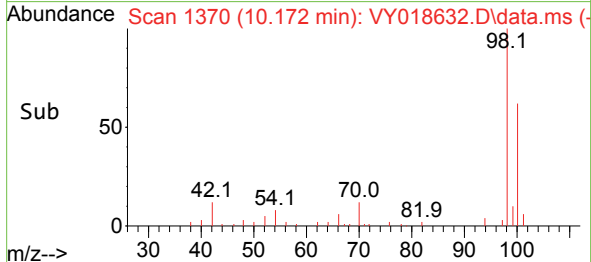
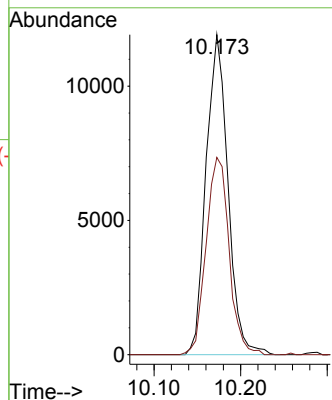
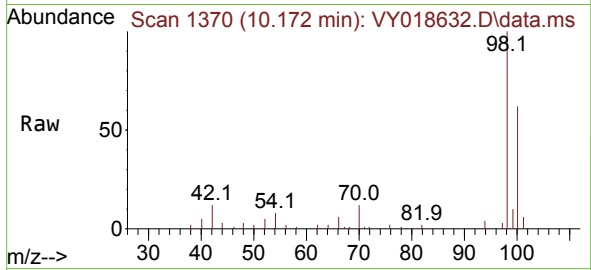




#50
Toluene-d8
Concen: 46.104 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

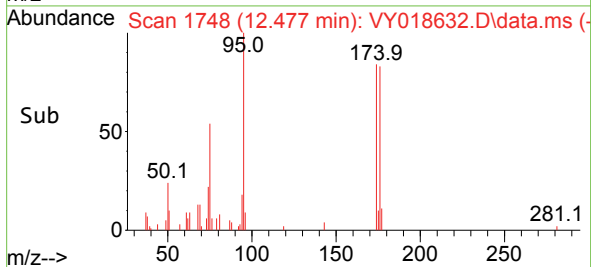
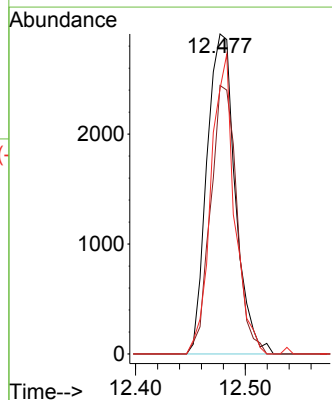
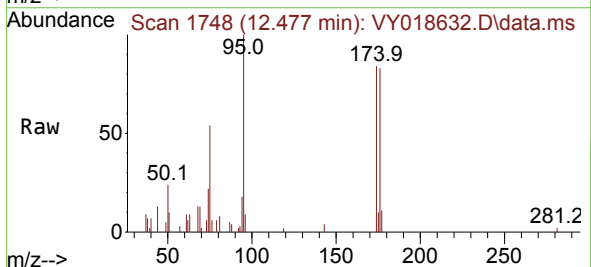
Instrument :
MSVOA_Y
ClientSampleId :

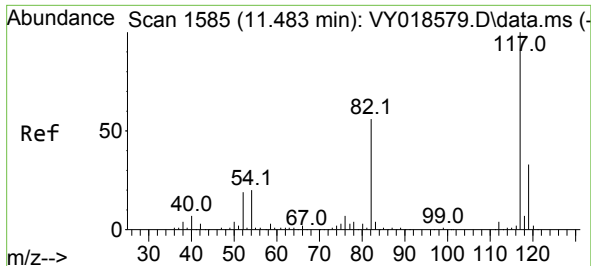
Tgt Ion: 98 Resp: 20873
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Tgt Ion: 95 Resp: 5217
Ion Ratio Lower Upper
95 100
174 78.0 0.0 175.6
176 78.2 0.0 171.4

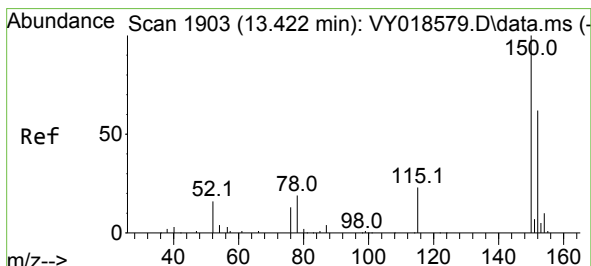
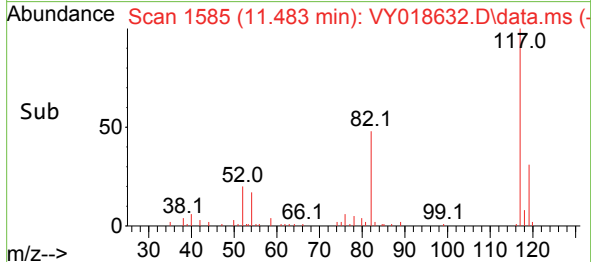
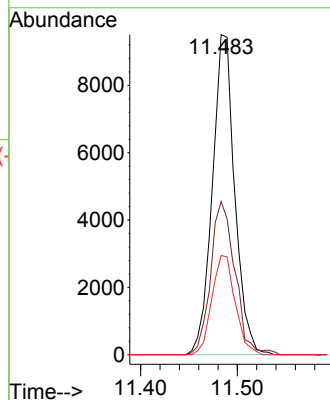
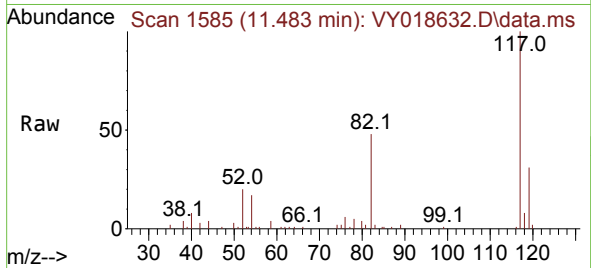




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

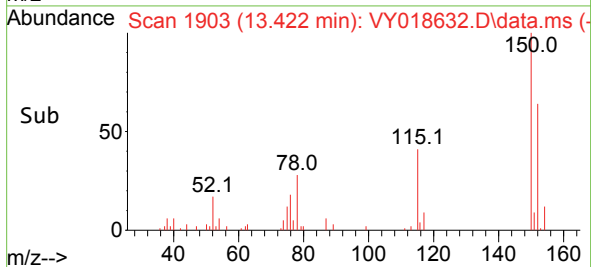
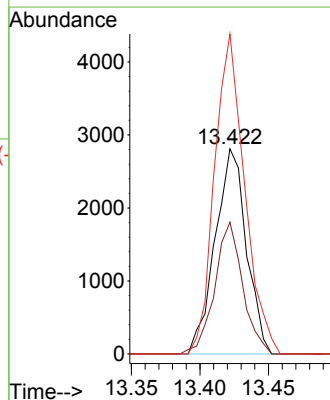
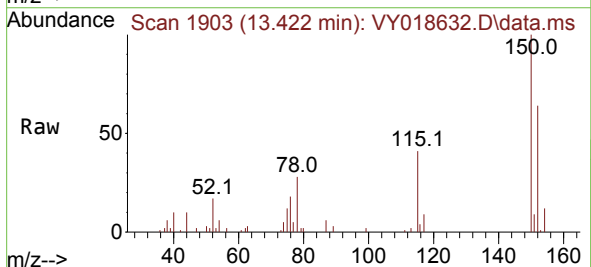
Instrument :
MSVOA_Y
ClientSampleId :

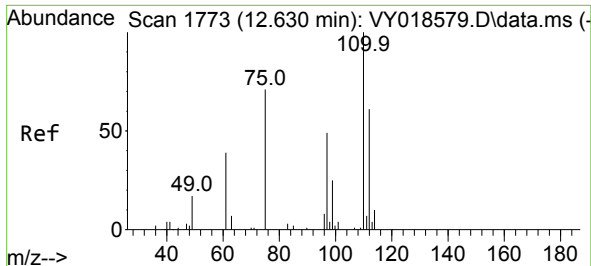
Tgt Ion:117 Resp: 15295
Ion Ratio Lower Upper
117 100
82 47.8 42.4 63.6
119 31.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

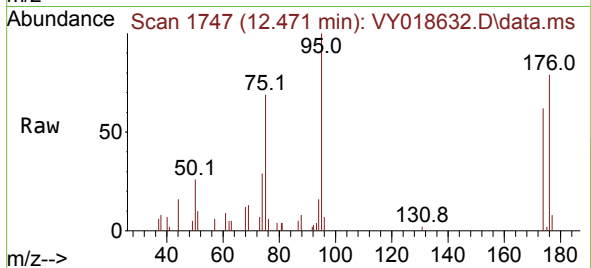
Tgt Ion:152 Resp: 4452
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 150.2 0.0 345.6



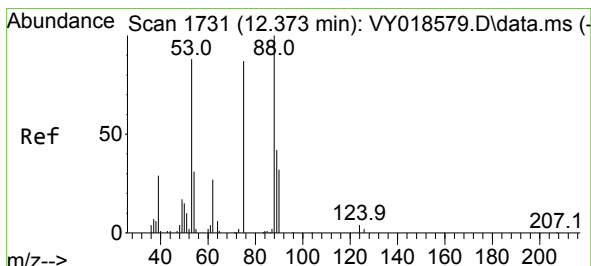
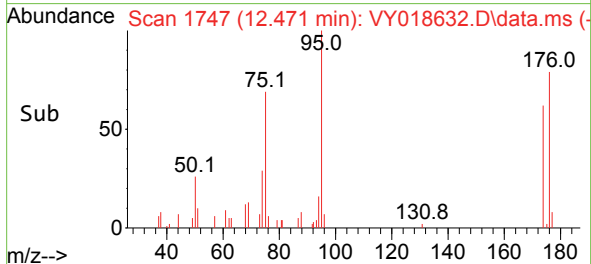
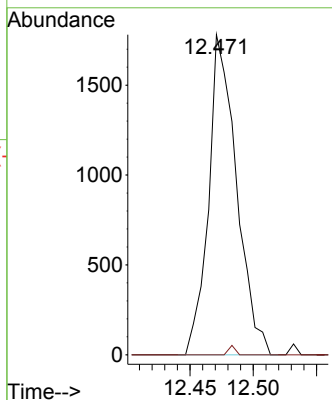


#76
1,2,3-Trichloropropane
Concen: 65.539 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.159 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 2737
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 171.670 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. 0.097 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Tgt Ion: 75 Resp: 2737
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

