

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018628.D
 Acq On : 18 Jun 2024 13:36
 Operator : SY/MD
 Sample : P2923-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 02:01:53 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)

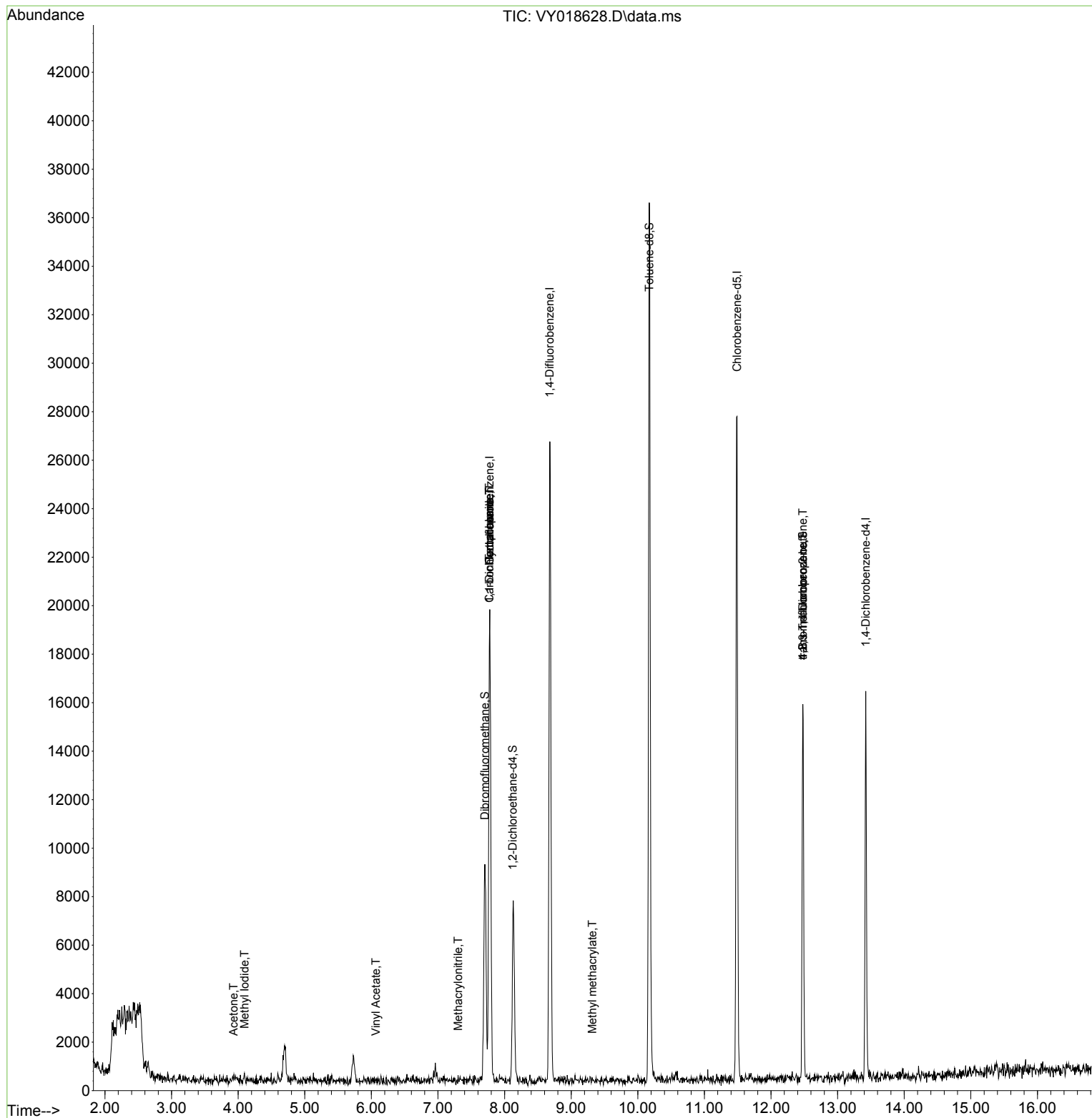
Internal Standards						
1) Pentafluorobenzene	7.777	168	14442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	23213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	5849	40.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.460%
35) Dibromofluoromethane	7.703	113	6554	46.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.560%
50) Toluene-d8	10.173	98	24914	45.751	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.477	95	4953	28.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.600%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	92	1.243	ug/l #	47
16) Acetone	3.930	43	260	8.789	ug/l #	36
20) Methylene Chloride	4.692	84	1247	Below Cal	#	86
23) Vinyl Acetate	6.070	43	39	23.779	ug/l #	67
31) Cyclohexane	7.777	56	324	1.455	ug/l #	41
36) 1,1-Dichloropropene	7.771	75	1250	6.413	ug/l #	40
38) Carbon Tetrachloride	7.771	117	1484	7.257	ug/l #	13
41) Methacrylonitrile	7.301	41	51	1.104	ug/l #	15
48) Methyl methacrylate	9.319	41	83	1.075	ug/l #	7
76) 1,2,3-Trichloropropane	12.477	75	2705	75.707	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2705	198.304	ug/l #	16

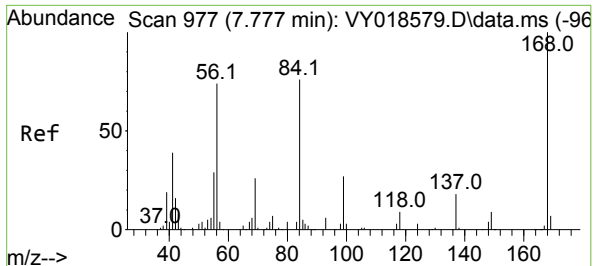
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
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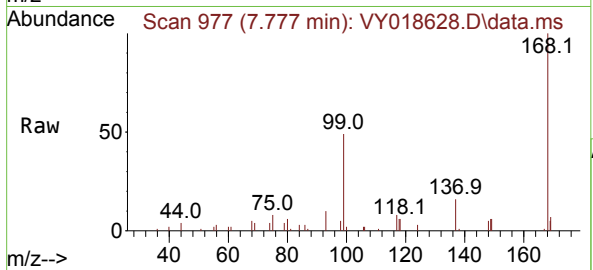
Quant Time: Jun 19 02:01:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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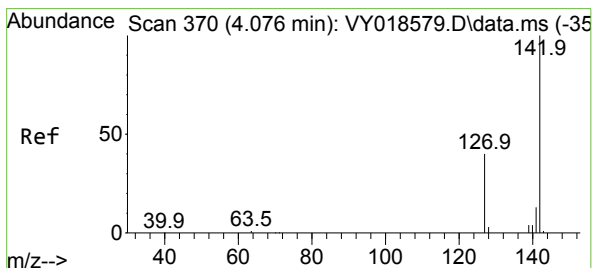
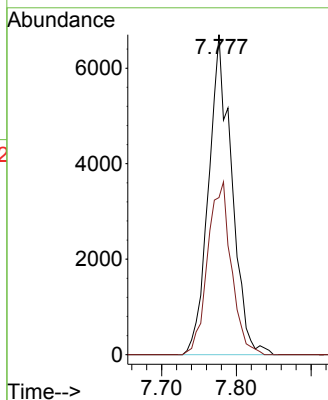
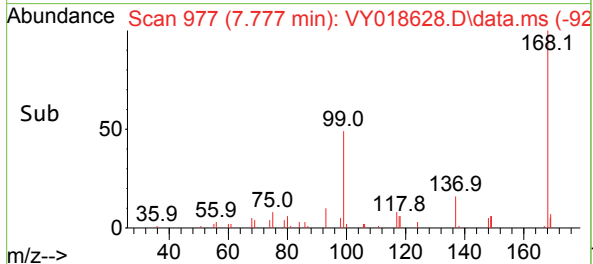


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

Instrument :
MSVOA_Y
ClientSampleId :

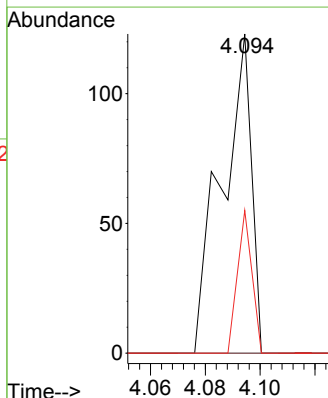
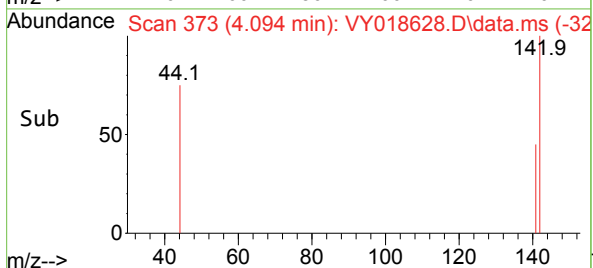
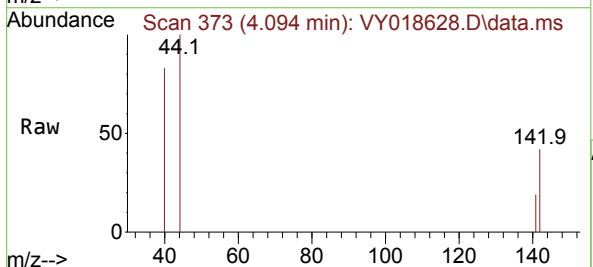


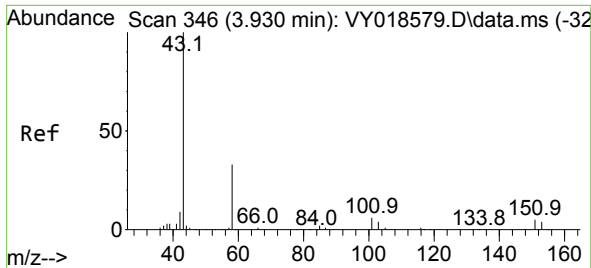
Tgt Ion:168 Resp: 14442
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#10
Methyl Iodide
Concen: 1.243 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 21.7 11.4 17.2#





#16

Acetone

Concen: 8.789 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.000 min

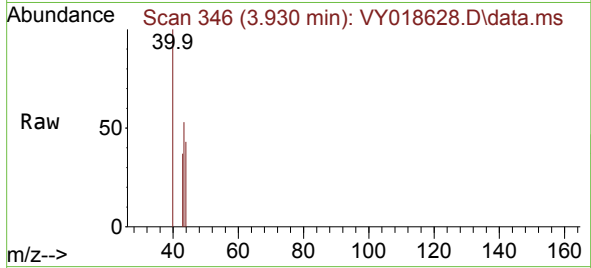
Lab File: VY018628.D

Acq: 18 Jun 2024 13:36

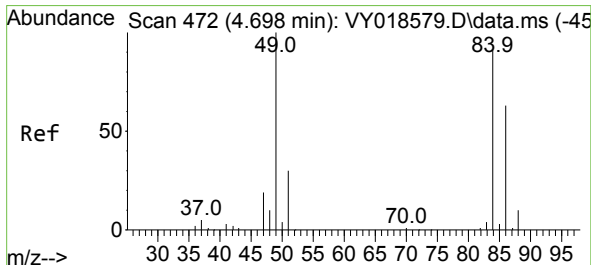
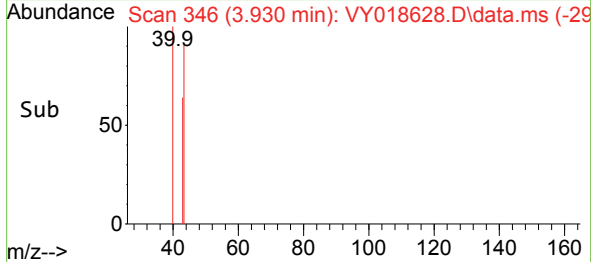
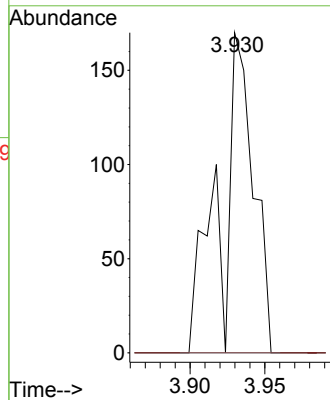
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	260
Ion Ratio	Lower	Upper	
43	100		
58	0.0	31.7	47.5#



#20

Methylene Chloride

Concen: Below Cal

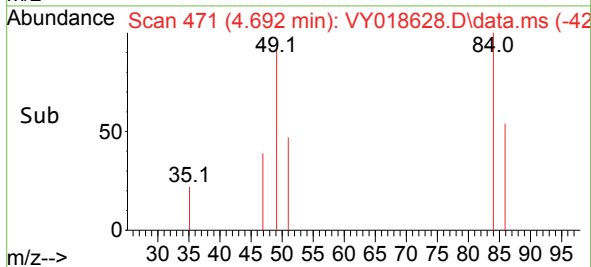
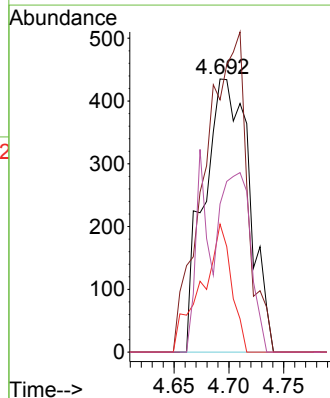
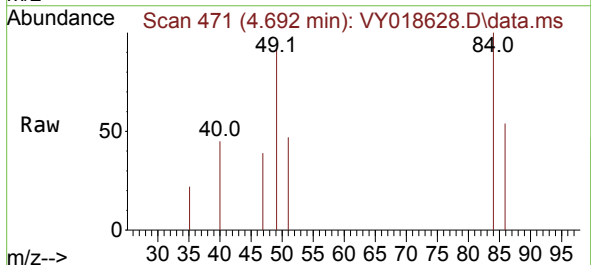
RT: 4.692 min Scan# 471

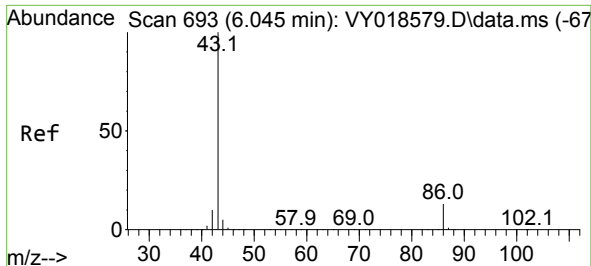
Delta R.T. -0.006 min

Lab File: VY018628.D

Acq: 18 Jun 2024 13:36

Tgt Ion:	84	Resp:	1247
Ion Ratio	Lower	Upper	
84	100		
49	92.4	84.4	126.6
51	46.9	26.0	39.0#
86	54.3	49.5	74.3

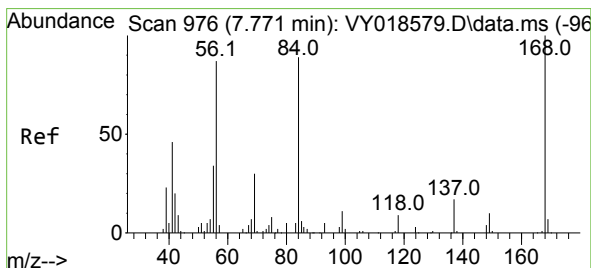
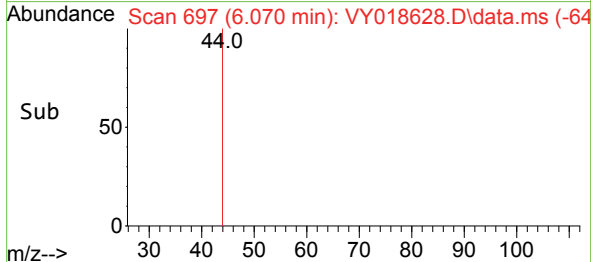
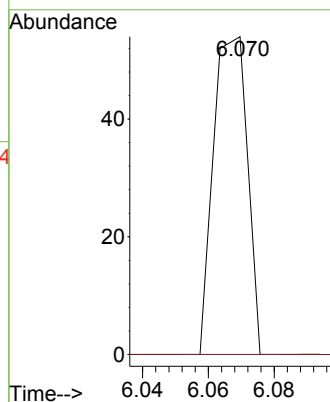
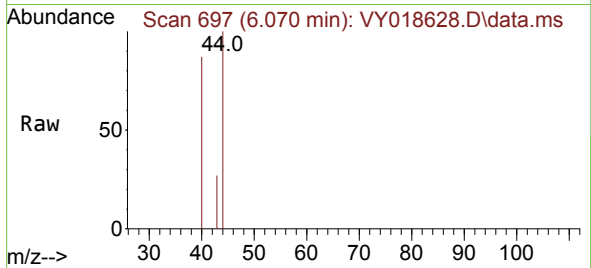




#23
 Vinyl Acetate
 Concen: 23.779 ug/l
 RT: 6.070 min Scan# 693
 Delta R.T. 0.025 min
 Lab File: VY018628.D
 Acq: 18 Jun 2024 13:36

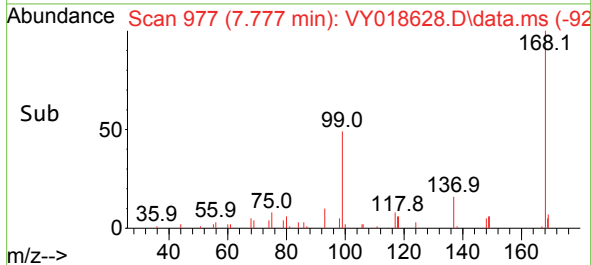
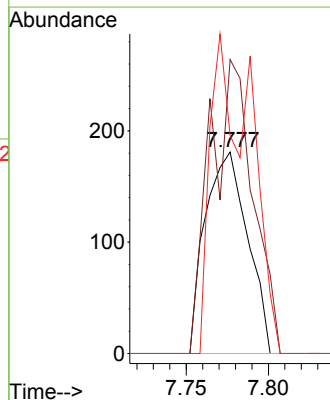
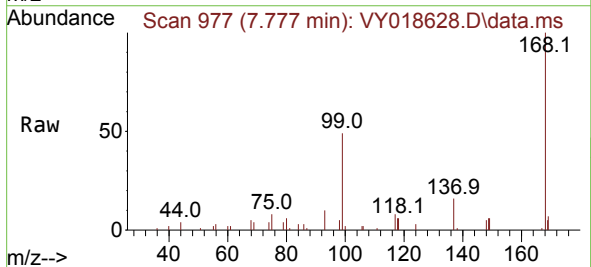
Instrument :
 MSVOA_Y
 ClientSampleId :

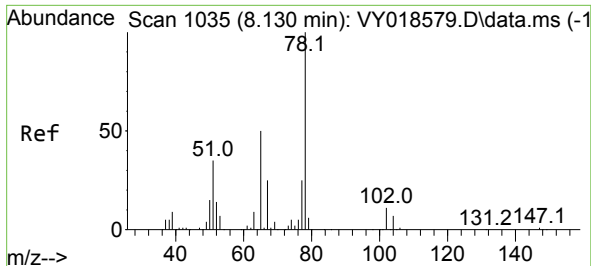
Tgt Ion: 43 Resp: 39
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.455 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VY018628.D
 Acq: 18 Jun 2024 13:36

Tgt Ion: 56 Resp: 324
 Ion Ratio Lower Upper
 56 100
 69 145.9 28.7 43.1#
 84 108.3 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 40.227 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY018628.D

Acq: 18 Jun 2024 13:36

Instrument :

MSVOA_Y

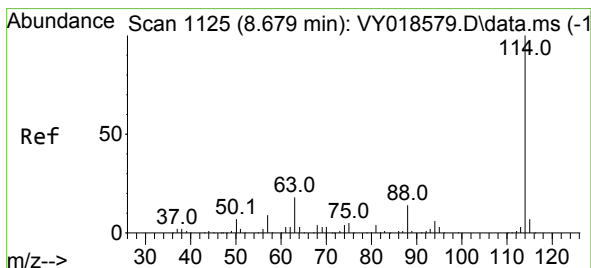
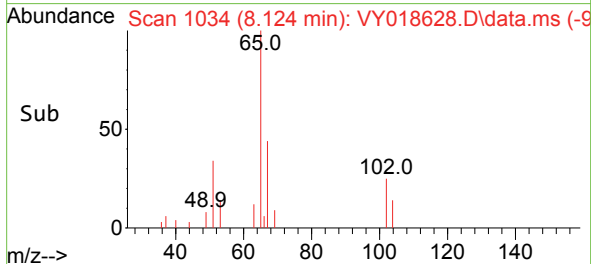
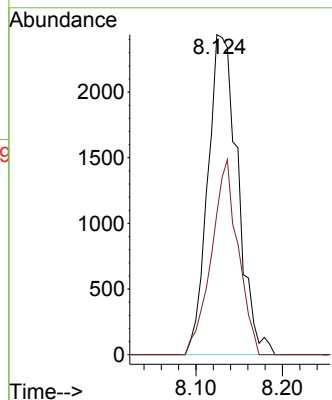
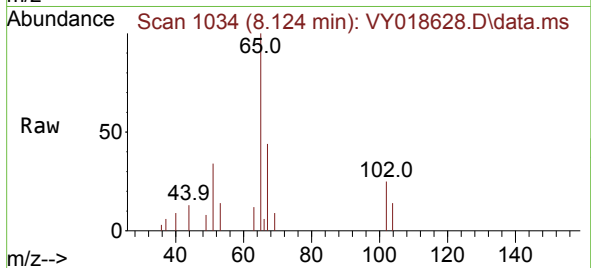
ClientSampleId :

Tgt Ion: 65 Resp: 5849

Ion Ratio Lower Upper

65 100

67 54.3 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: VY018628.D

Acq: 18 Jun 2024 13:36

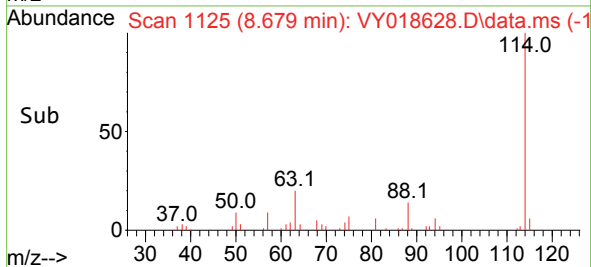
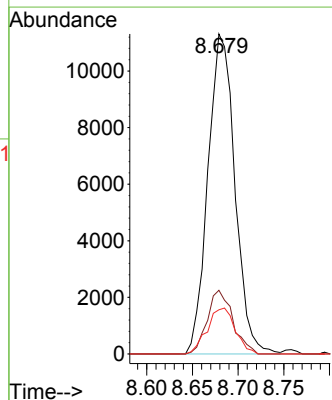
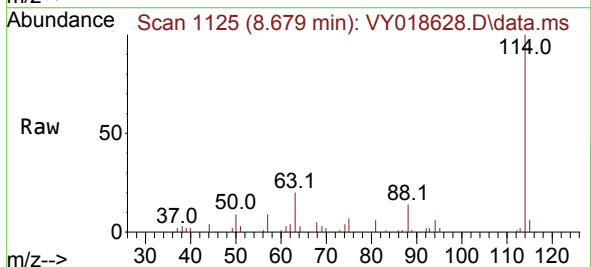
Tgt Ion: 114 Resp: 23213

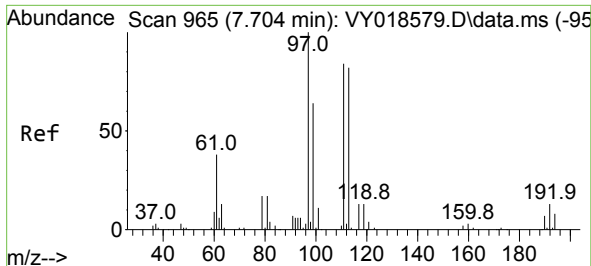
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

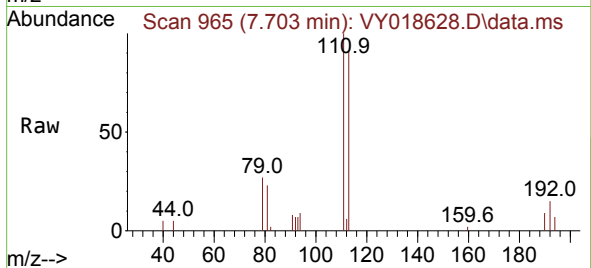
88 13.8 0.0 27.2



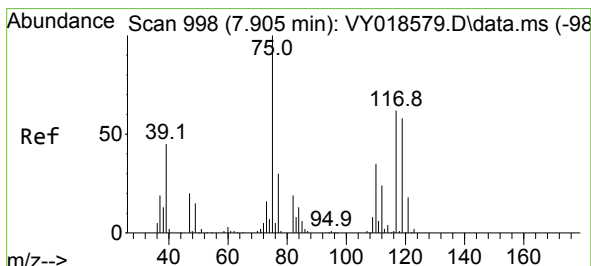
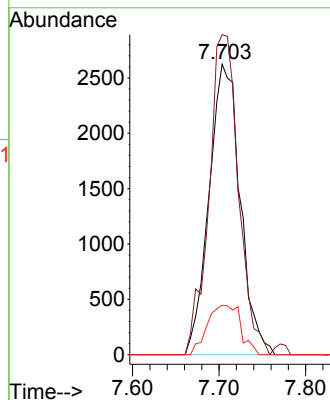
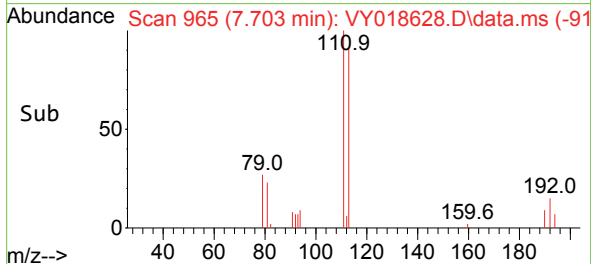


#35
Dibromofluoromethane
Concen: 46.284 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

Instrument :
MSVOA_Y
ClientSampleId :

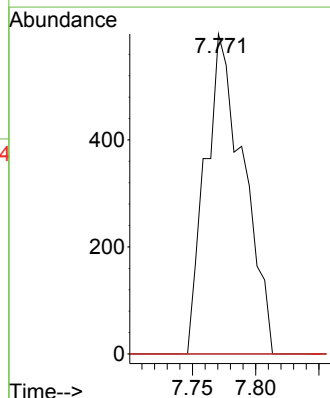
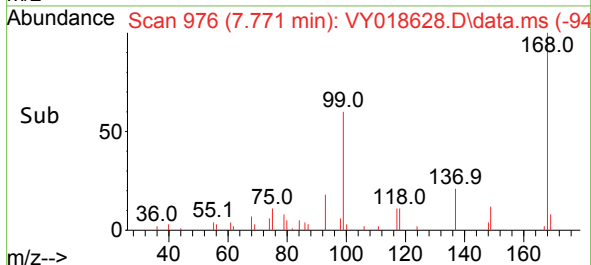
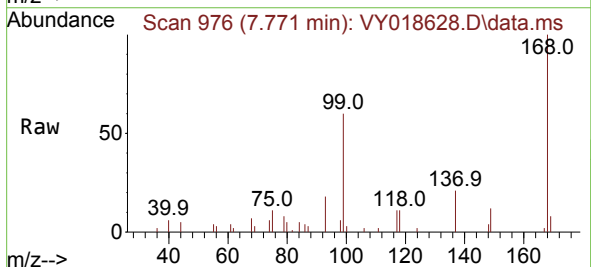


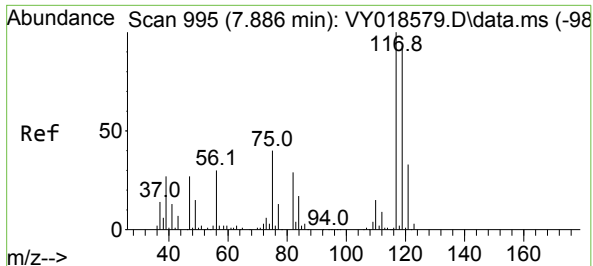
Tgt Ion:113 Resp: 6554
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.413 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.134 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

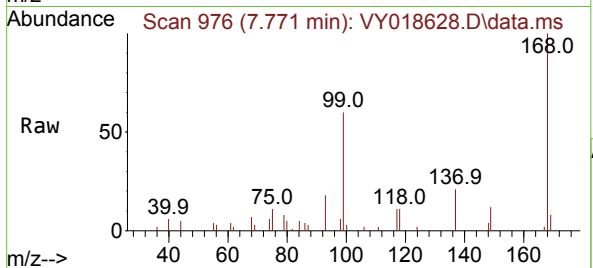
Tgt Ion: 75 Resp: 1250
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



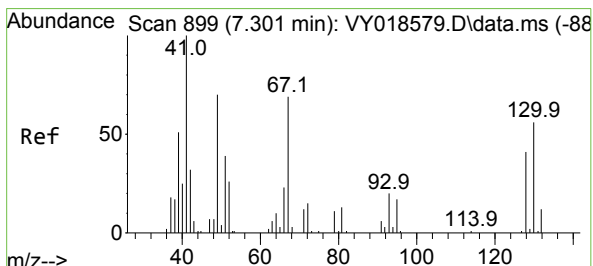
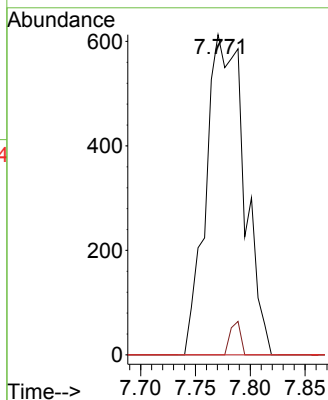
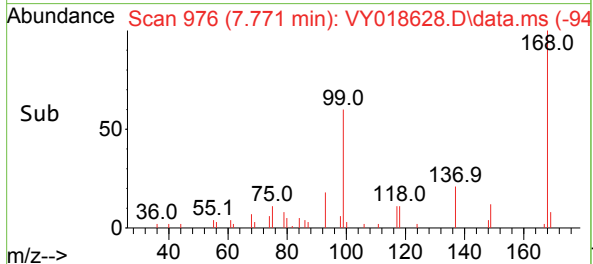


#38
Carbon Tetrachloride
Concen: 7.257 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

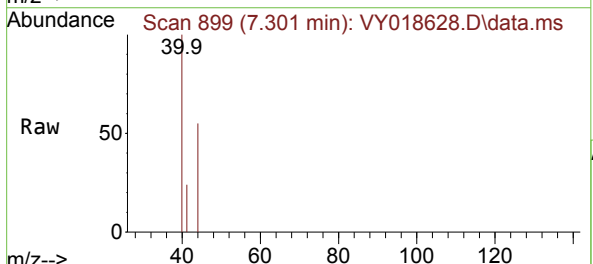
Instrument :
MSVOA_Y
ClientSampleId :



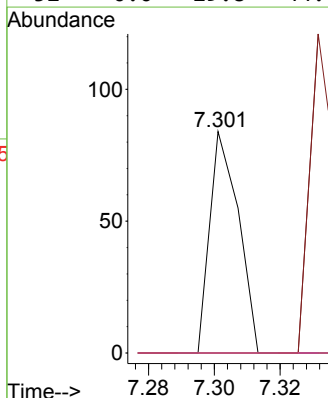
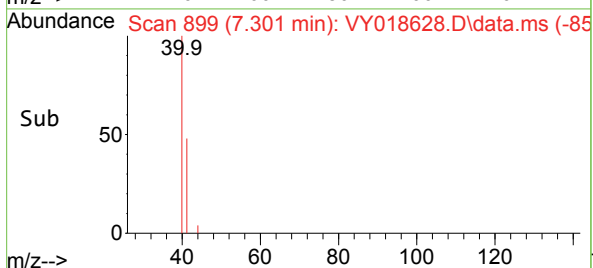
Tgt Ion:117 Resp: 1484
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

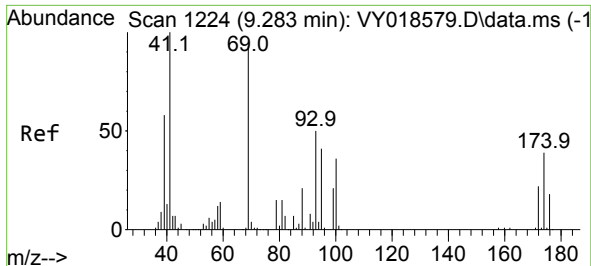


#41
Methacrylonitrile
Concen: 1.104 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.000 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36



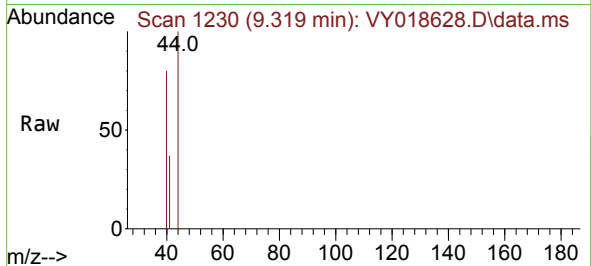
Tgt Ion: 41 Resp: 51
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



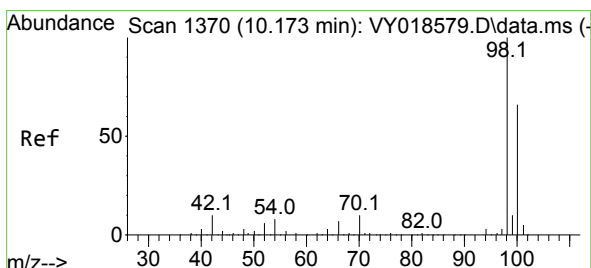
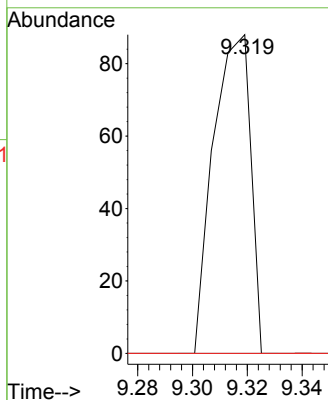
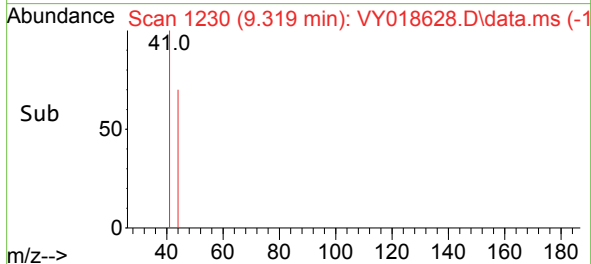


#48
Methyl methacrylate
Concen: 1.075 ug/l
RT: 9.319 min Scan# 11
Delta R.T. 0.036 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

Instrument :
MSVOA_Y
ClientSampleId :

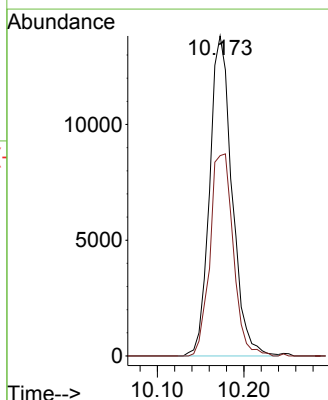
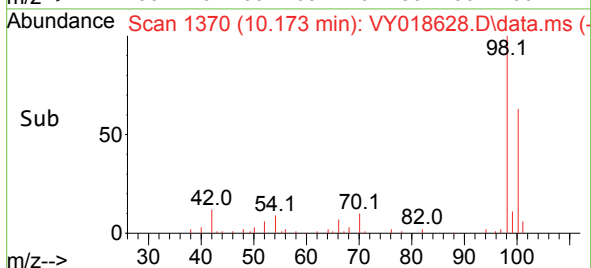
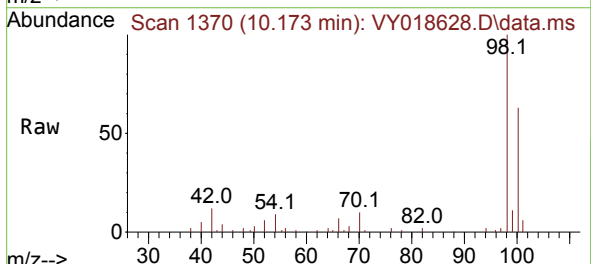


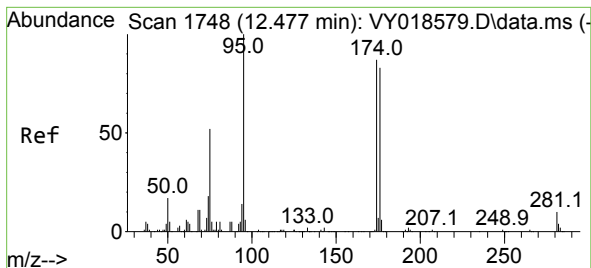
Tgt Ion: 41 Resp: 83
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 0.0 43.6 65.4#



#50
Toluene-d8
Concen: 45.751 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

Tgt Ion: 98 Resp: 24914
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

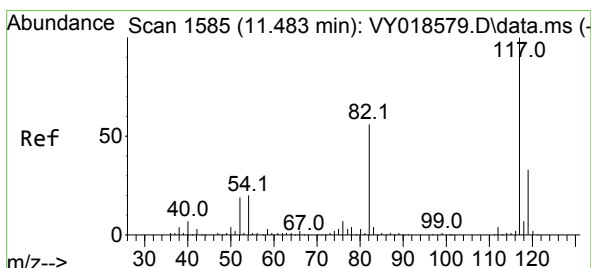
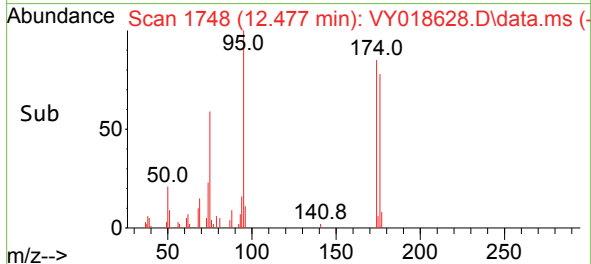
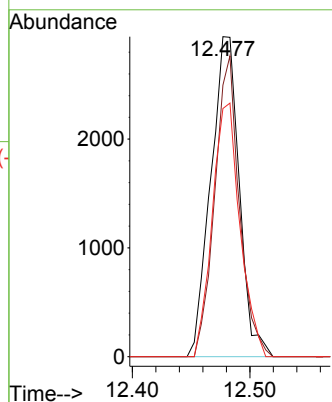
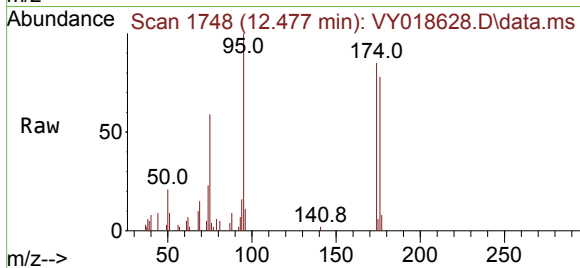




#62
4-Bromofluorobenzene
Concen: 28.804 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

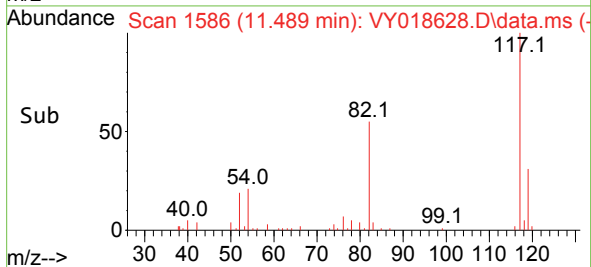
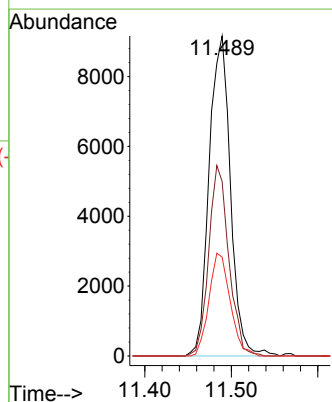
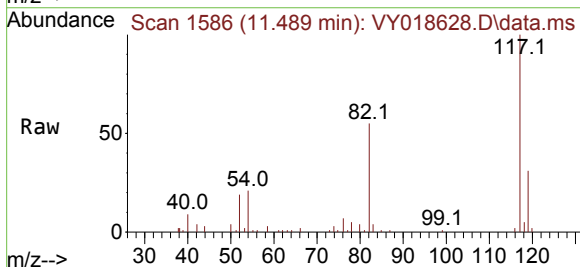
Instrument :
MSVOA_Y
ClientSampleId :

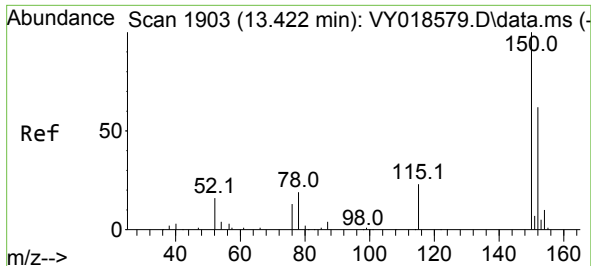
Tgt Ion:	95	Resp:	4953
Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	175.6
176	77.0	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

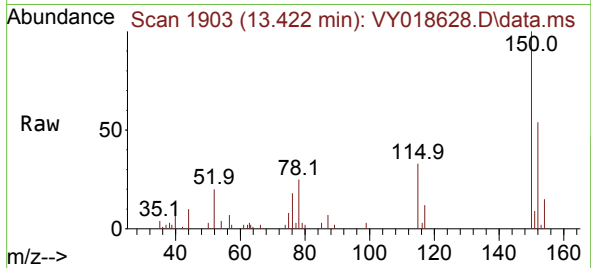
Tgt Ion:	117	Resp:	15649
Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.4	63.6
119	30.9	25.9	38.9



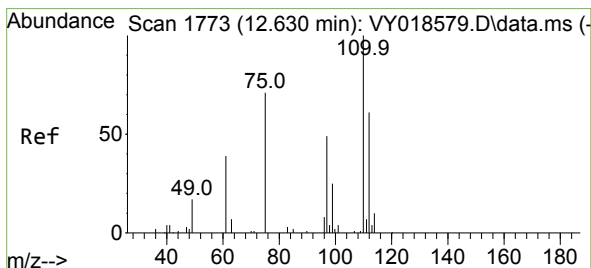
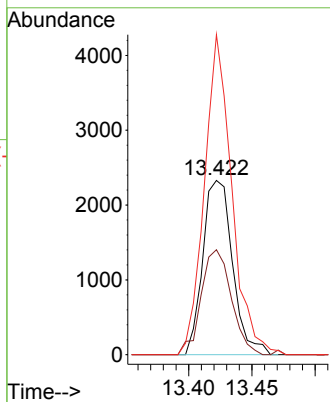
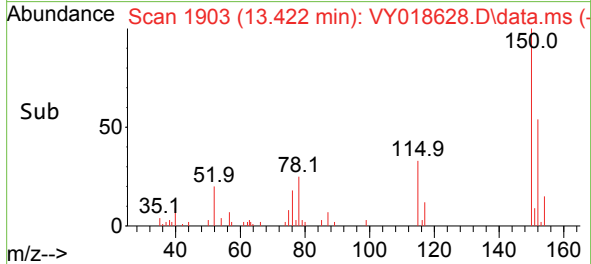


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018628.D
 Acq: 18 Jun 2024 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :

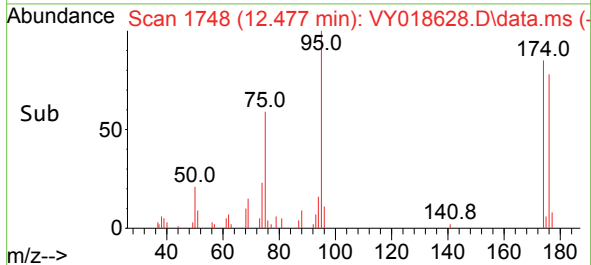
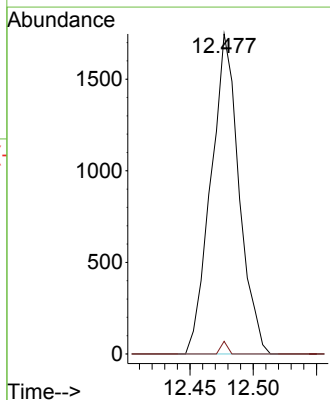
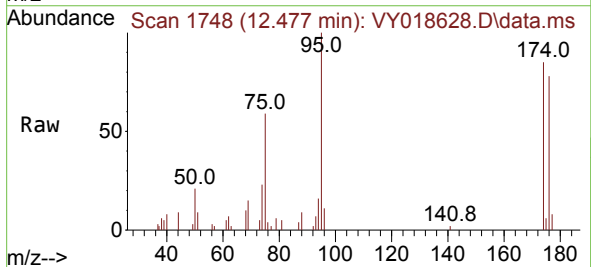


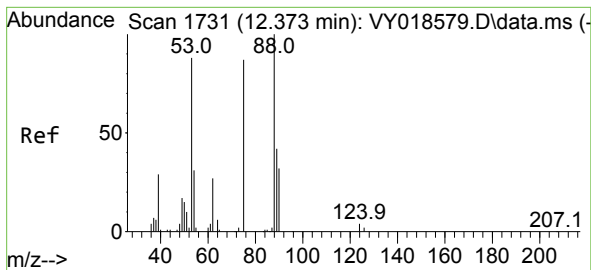
Tgt Ion:152 Resp: 3809
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.2 84.7
 150 169.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 75.707 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY018628.D
 Acq: 18 Jun 2024 13:36

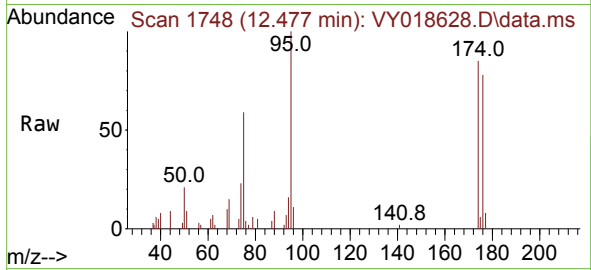
Tgt Ion: 75 Resp: 2705
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 198.304 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018628.D
 Acq: 18 Jun 2024 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 2705
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

