

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018082.D
 Acq On : 29 Apr 2024 20:41
 Operator : SY/MD
 Sample : P2307-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 01:05:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

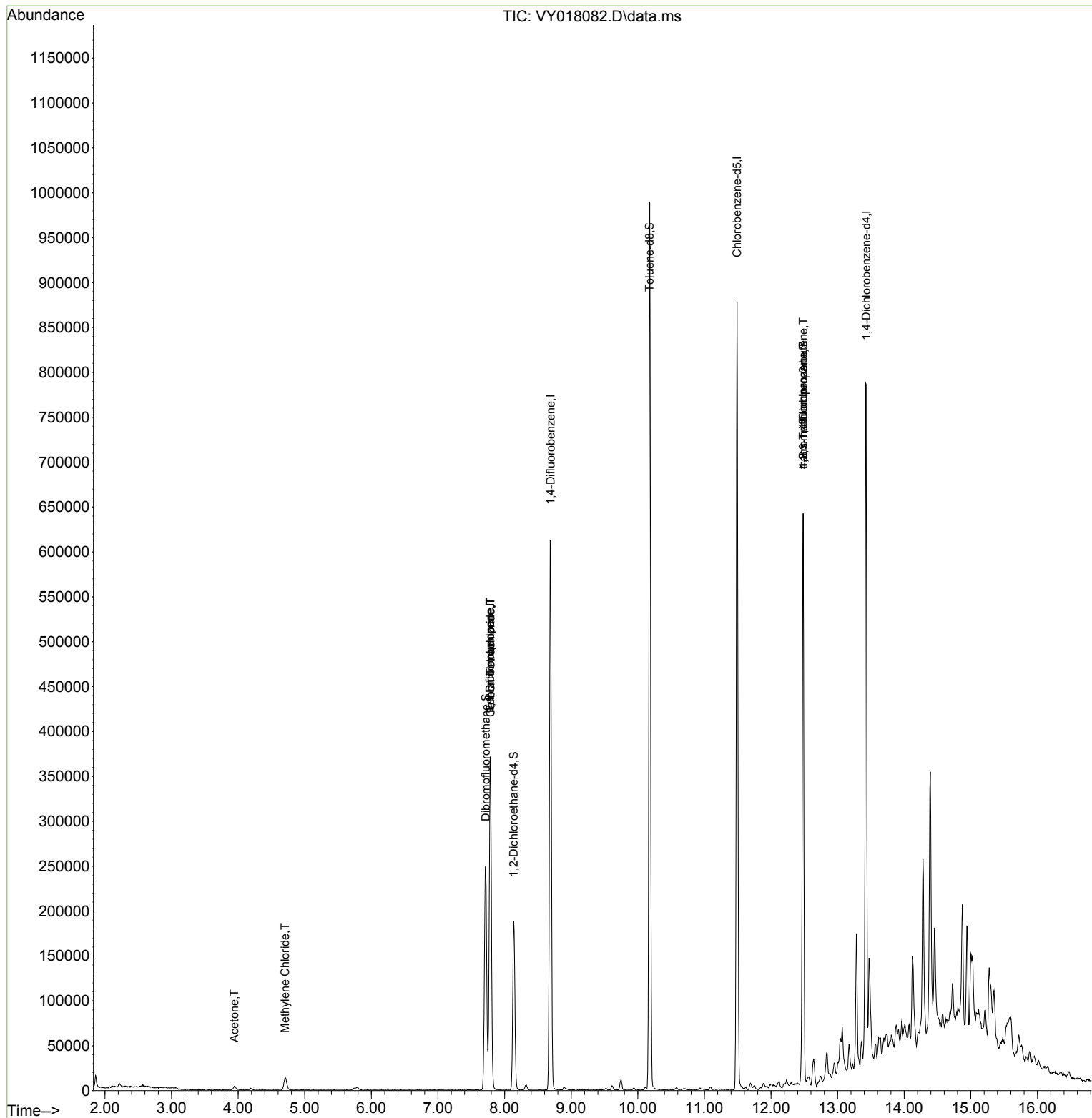
Internal Standards						
1) Pentafluorobenzene	7.783	168	321685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	584001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	529652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	142722	51.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.540%	
35) Dibromofluoromethane	7.716	113	187060	51.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.840%	
50) Toluene-d8	10.179	98	674985	49.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.483	95	191515	45.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	209	Below Cal	#	88
16) Acetone	3.942	43	7283	13.241	ug/l	88
20) Methylene Chloride	4.704	84	12514	3.358	ug/l #	88
36) 1,1-Dichloropropene	7.783	75	20898	3.988	ug/l #	48
38) Carbon Tetrachloride	7.789	117	27433	5.182	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	91399	44.685	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91399	92.133	ug/l #	16

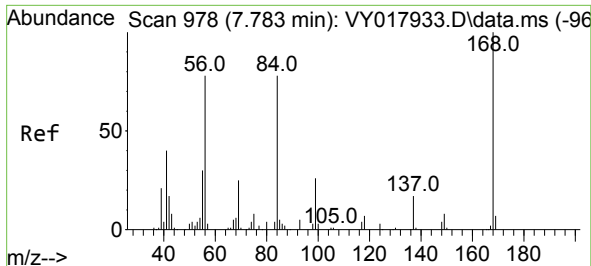
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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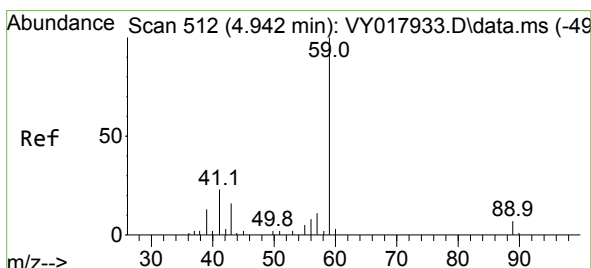
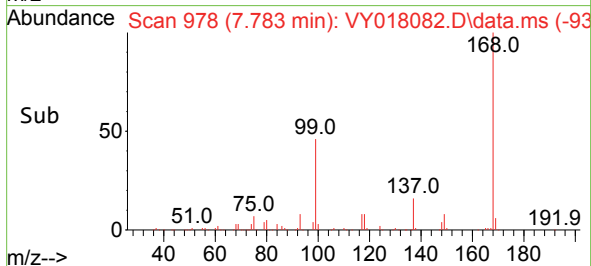
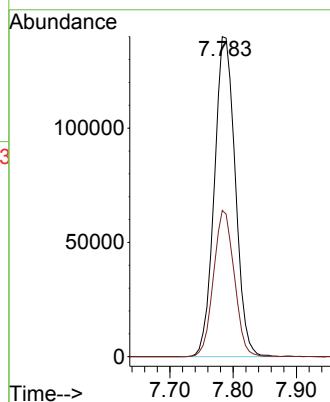
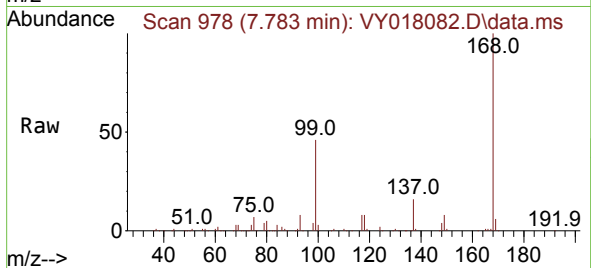




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

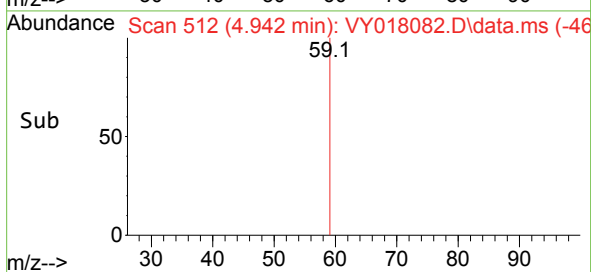
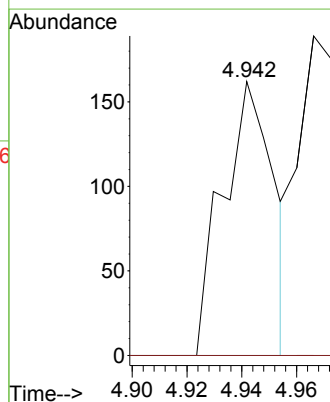
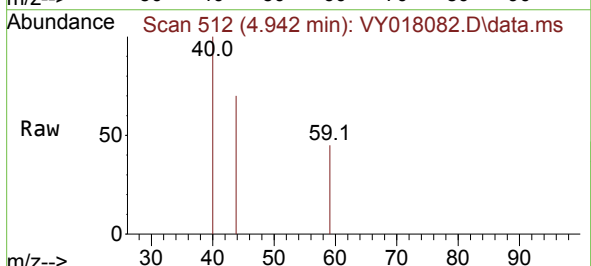
Instrument :
MSVOA_Y
ClientSampleId :

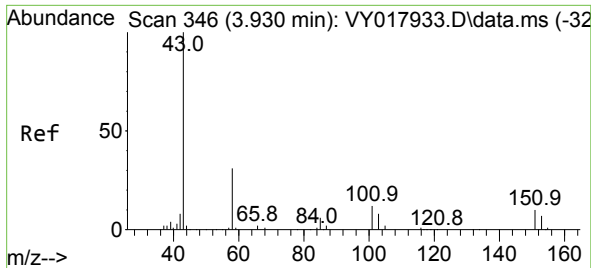
Tgt Ion:168 Resp: 321685
Ion Ratio Lower Upper
168 100
99 45.7 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 13.241 ug/l

RT: 3.942 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018082.D

Acq: 29 Apr 2024 20:41

Instrument :

MSVOA_Y

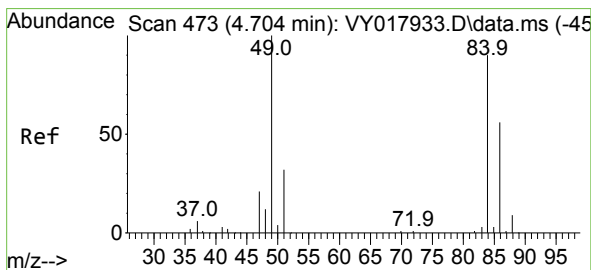
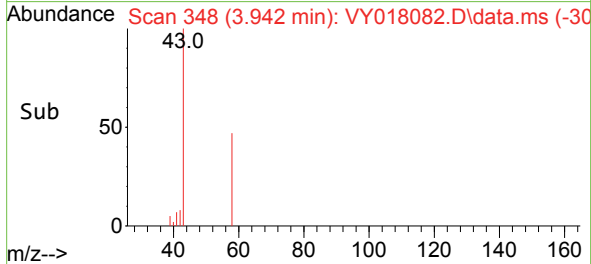
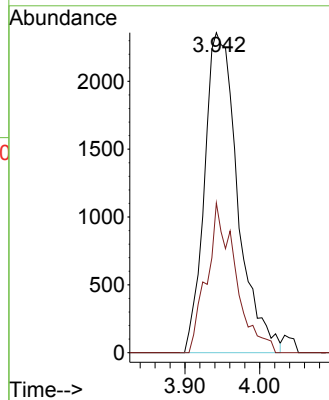
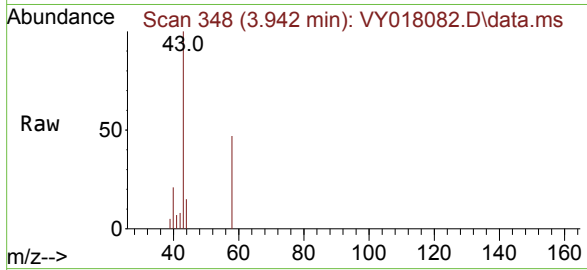
ClientSampleId :

Tgt Ion: 43 Resp: 7283

Ion Ratio Lower Upper

43 100

58 46.8 31.7 47.5



#20

Methylene Chloride

Concen: 3.358 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY018082.D

Acq: 29 Apr 2024 20:41

Tgt Ion: 84 Resp: 12514

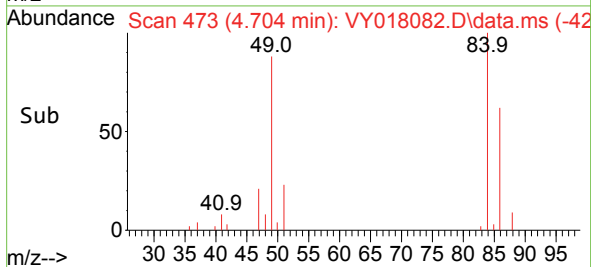
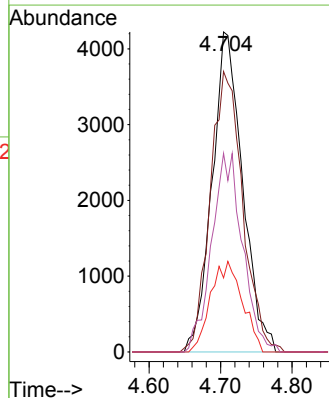
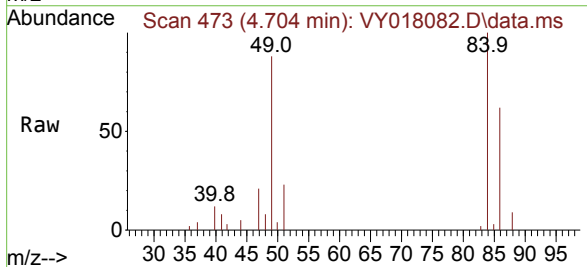
Ion Ratio Lower Upper

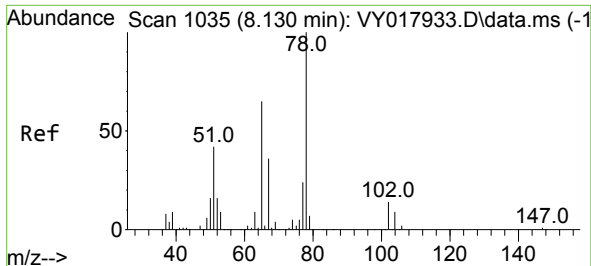
84 100

49 87.6 84.4 126.6

51 23.2 26.0 39.0#

86 62.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 51.269 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018082.D

Acq: 29 Apr 2024 20:41

Instrument :

MSVOA_Y

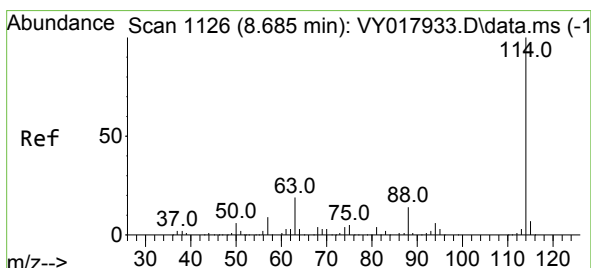
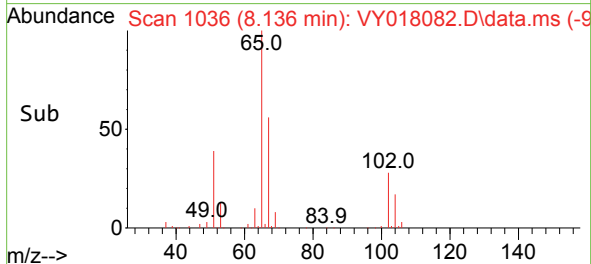
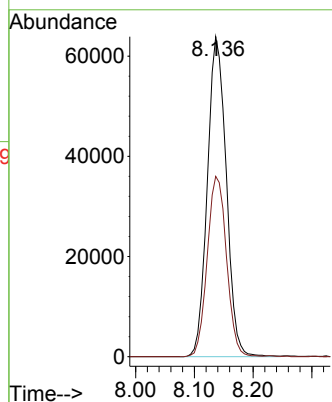
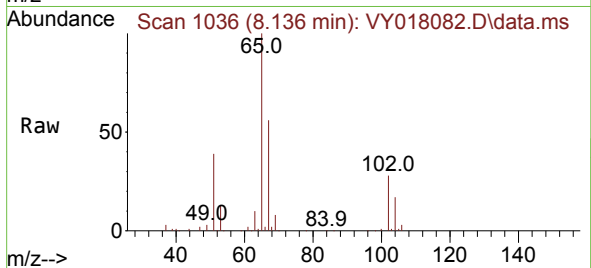
ClientSampleId :

Tgt Ion: 65 Resp: 142722

Ion Ratio Lower Upper

65 100

67 57.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018082.D

Acq: 29 Apr 2024 20:41

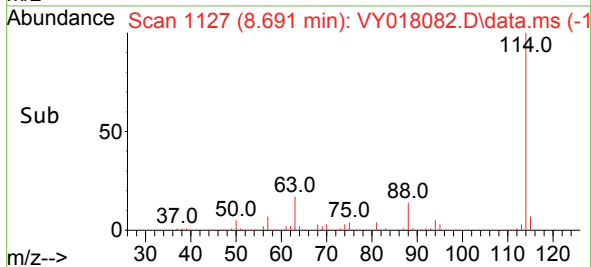
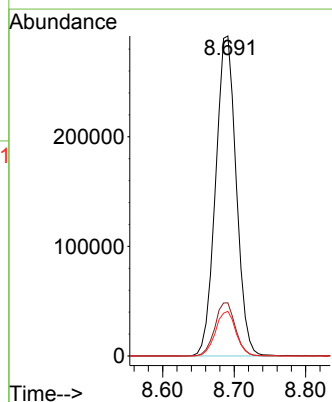
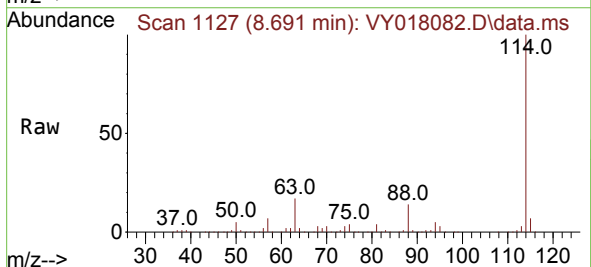
Tgt Ion:114 Resp: 584001

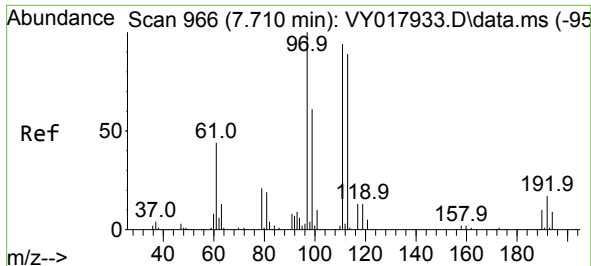
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

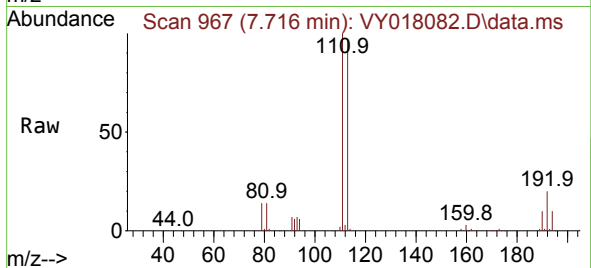
88 13.9 0.0 27.2



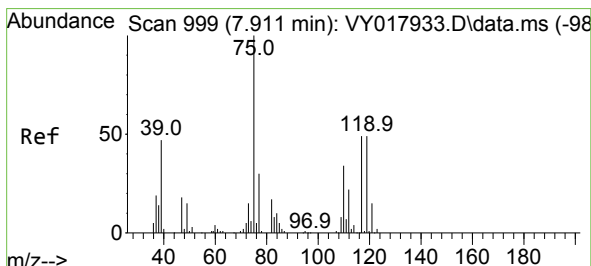
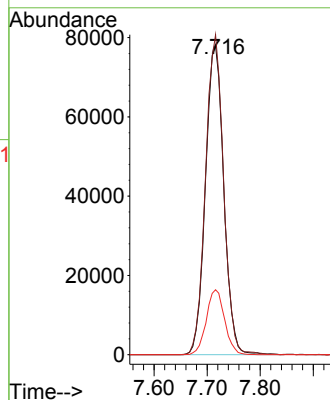
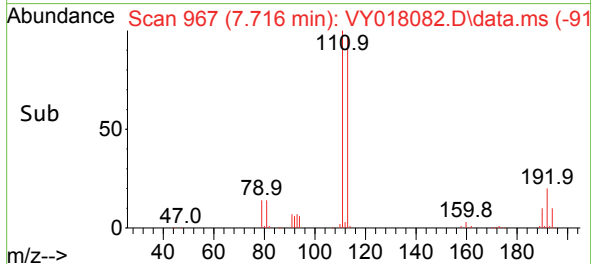


#35
Dibromofluoromethane
Concen: 51.919 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

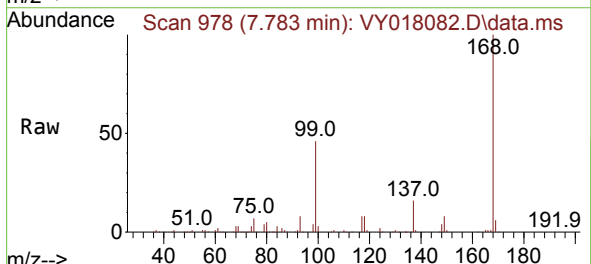
Instrument :
MSVOA_Y
ClientSampleId :



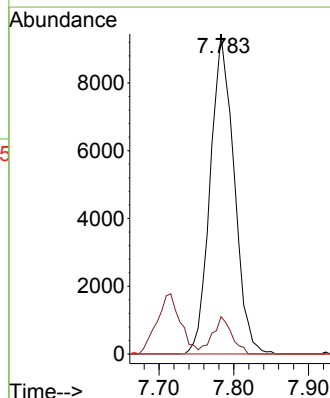
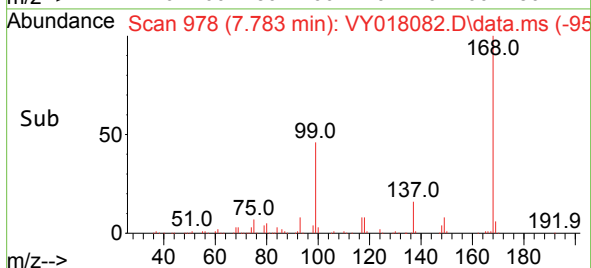
Tgt Ion:113 Resp: 187060
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 21.0 15.9 23.9

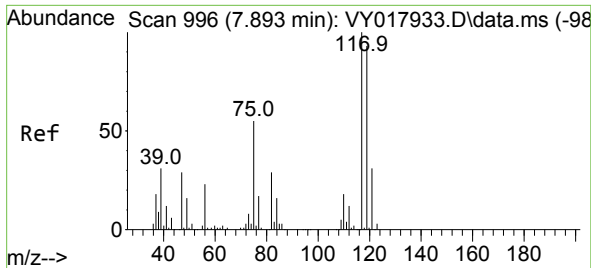


#36
1,1-Dichloropropene
Concen: 3.988 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41



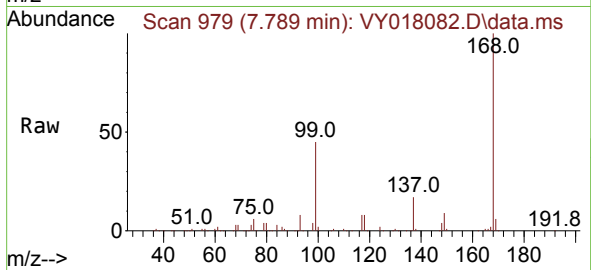
Tgt Ion: 75 Resp: 20898
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#



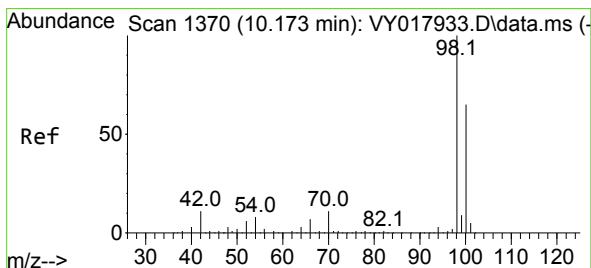
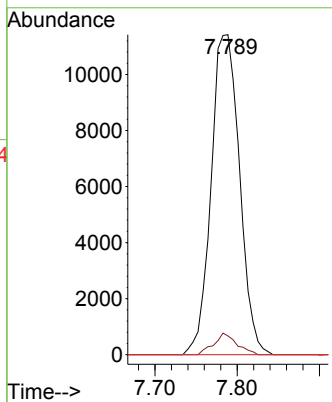
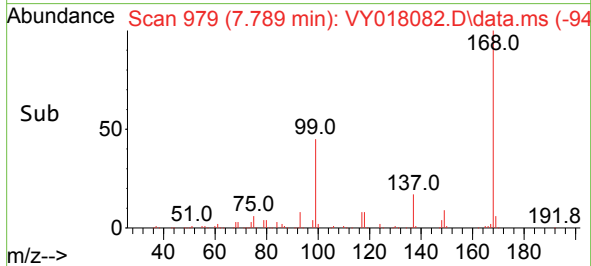


#38
Carbon Tetrachloride
Concen: 5.182 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

Instrument :
MSVOA_Y
ClientSampleId :

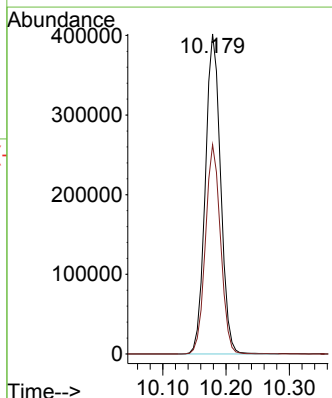
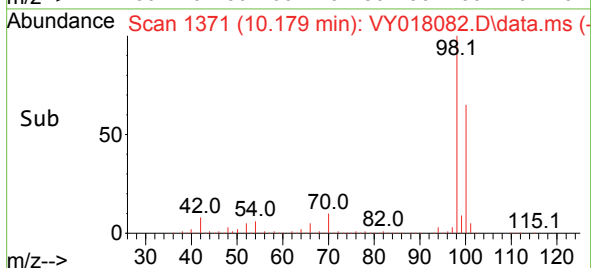
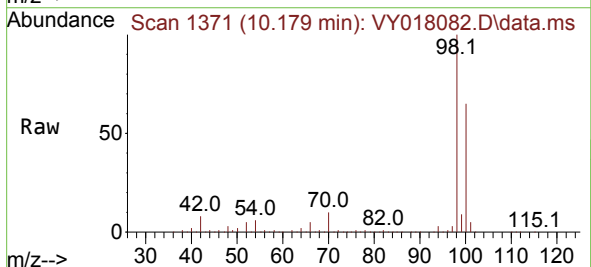


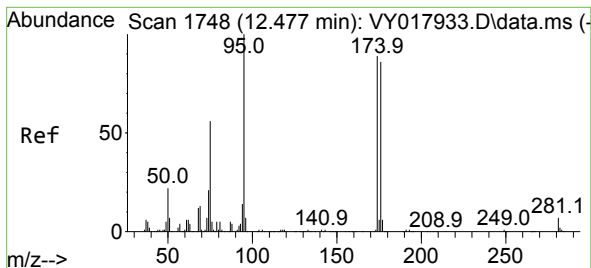
Tgt Ion:117 Resp: 27433
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.372 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

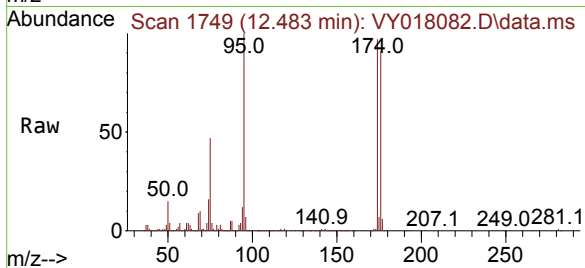
Tgt Ion: 98 Resp: 674985
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



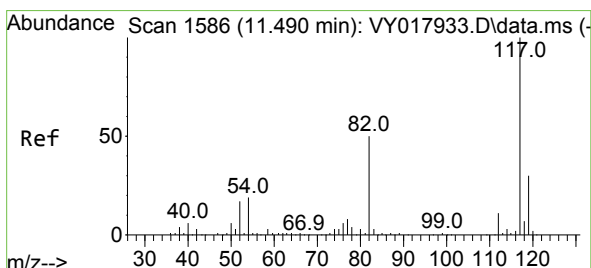
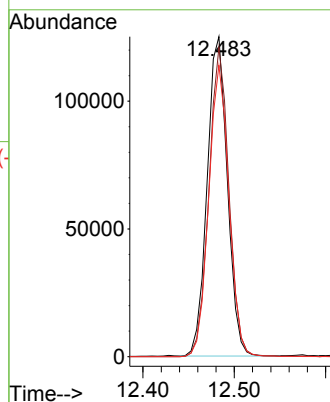
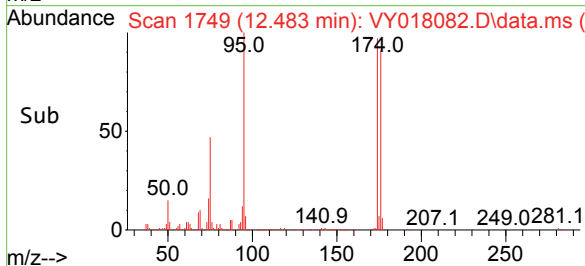


#62
4-Bromofluorobenzene
Concen: 45.232 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

Instrument :
MSVOA_Y
ClientSampleId :

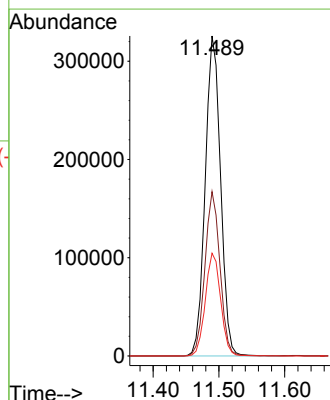
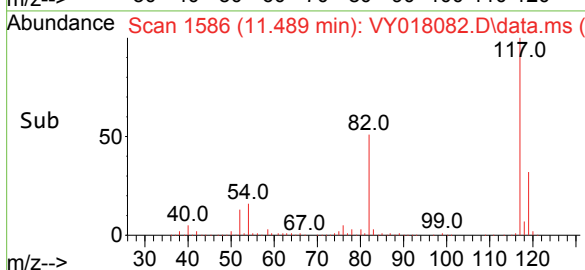
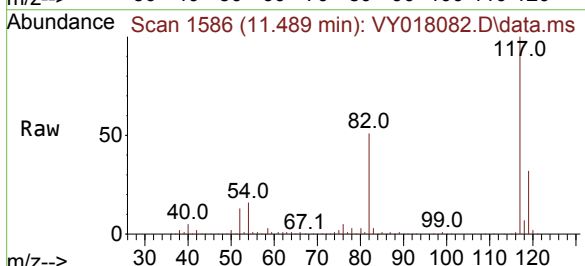


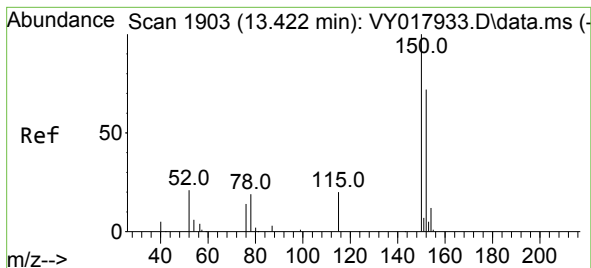
Tgt Ion: 95 Resp: 191515
Ion Ratio Lower Upper
95 100
174 96.0 0.0 175.6
176 91.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

Tgt Ion: 117 Resp: 529652
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018082.D

Acq: 29 Apr 2024 20:41

Instrument :

MSVOA_Y

ClientSampleId :

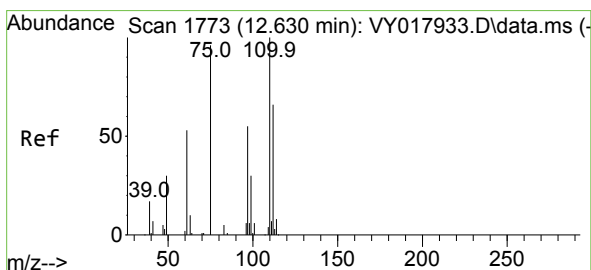
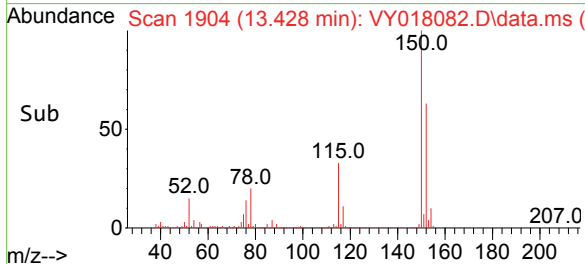
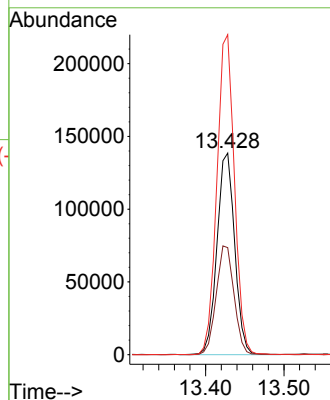
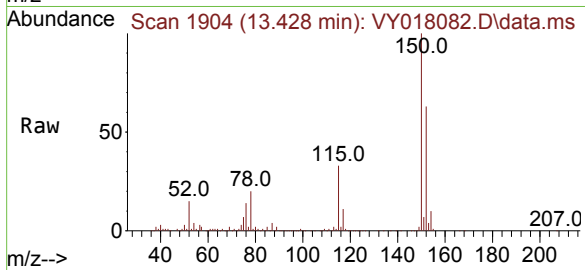
Tgt Ion:152 Resp: 217970

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 157.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 44.685 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018082.D

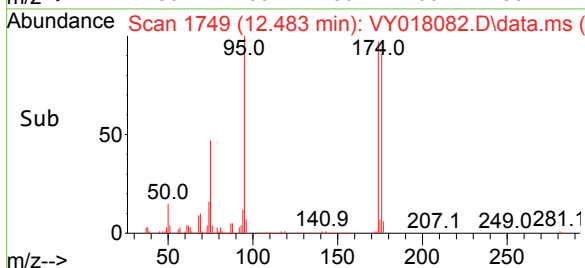
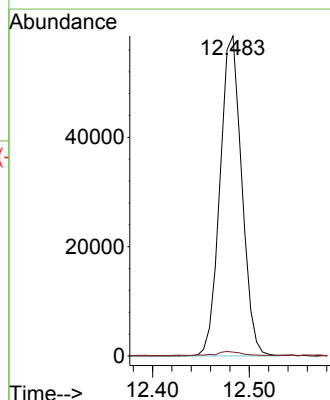
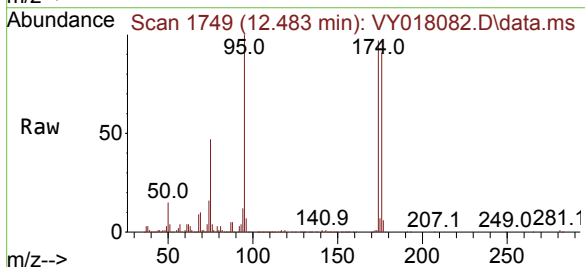
Acq: 29 Apr 2024 20:41

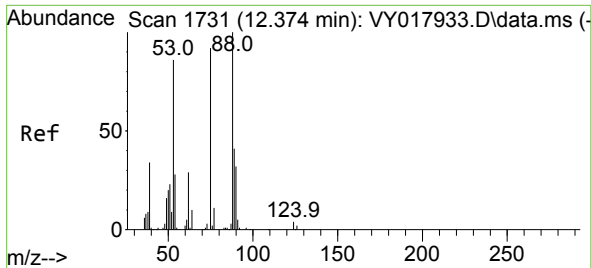
Tgt Ion: 75 Resp: 91399

Ion Ratio Lower Upper

75 100

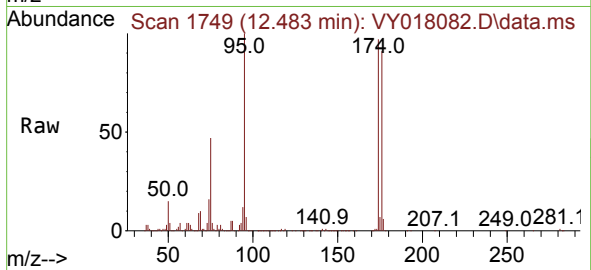
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.133 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018082.D
 Acq: 29 Apr 2024 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	91399
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

