

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018062.D
 Acq On : 26 Apr 2024 15:03
 Operator : SY/MD
 Sample : P2274-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 01:09:05 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)

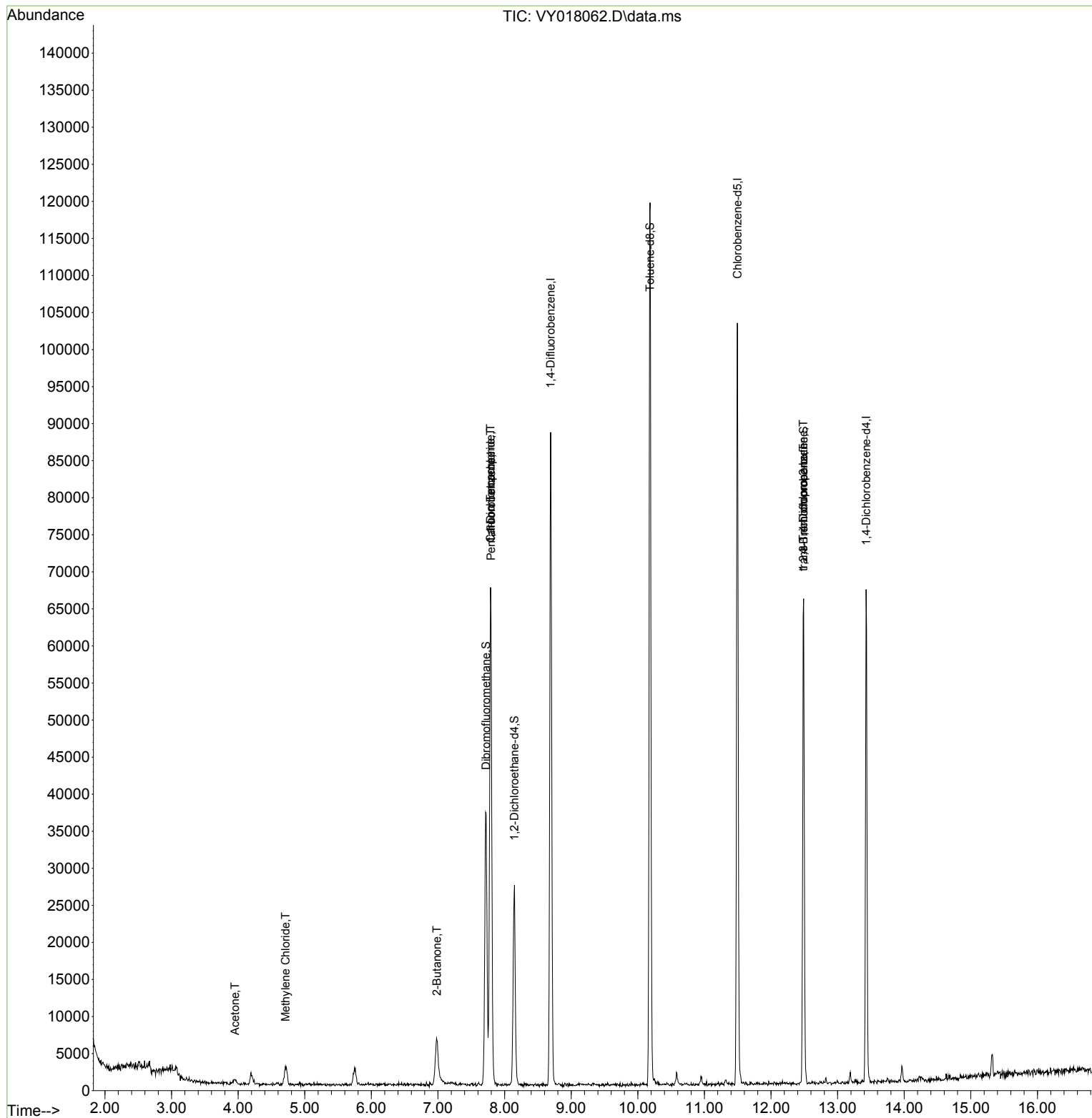
Internal Standards						
1) Pentafluorobenzene	7.795	168	59385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	64440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20335	39.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.140%
35) Dibromofluoromethane	7.722	113	27349	53.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.380%
50) Toluene-d8	10.185	98	88870	45.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.489	95	19401	32.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	20	Below Cal	#	88
16) Acetone	3.954	43	1055	10.390	ug/l #	64
20) Methylene Chloride	4.710	84	2132	3.099	ug/l	92
25) 2-Butanone	6.984	43	250	1.675	ug/l #	41
36) 1,1-Dichloropropene	7.789	75	4007	5.359	ug/l #	48
38) Carbon Tetrachloride	7.789	117	5165	6.837	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	8824	47.303	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8824	97.531	ug/l #	16

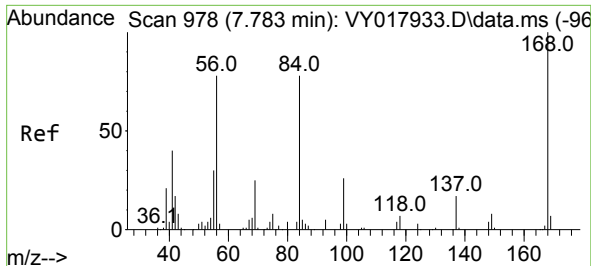
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
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Quant Time: Apr 27 01:09:05 2024
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

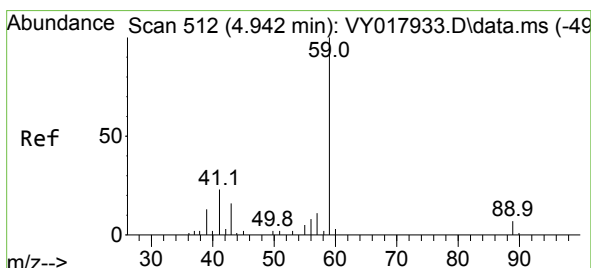
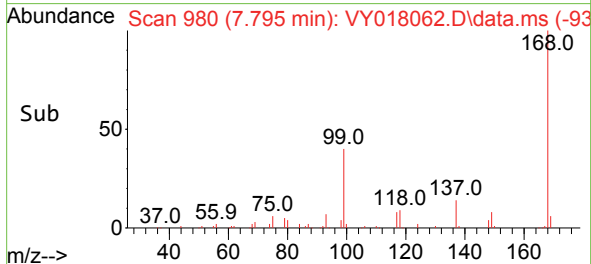
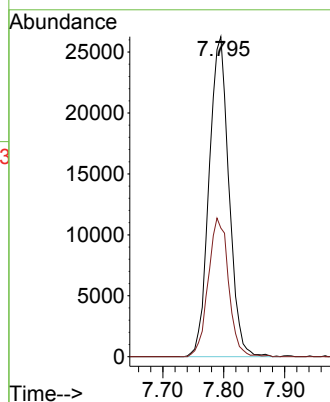
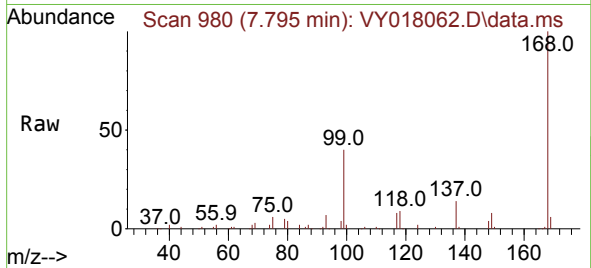




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

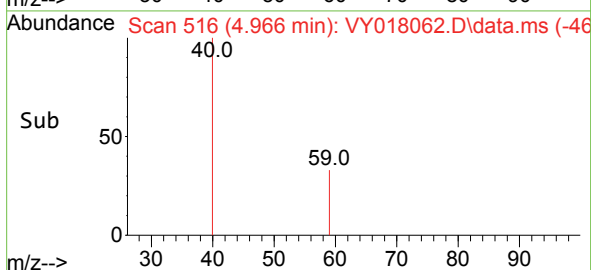
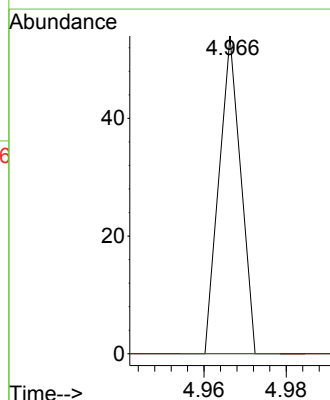
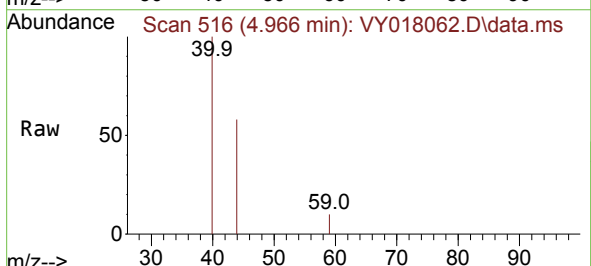
Instrument :
MSVOA_Y
ClientSampleId :

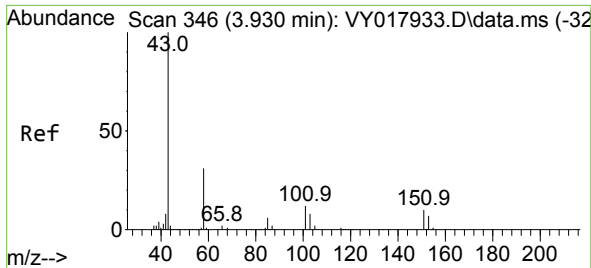
Tgt Ion:168 Resp: 59385
Ion Ratio Lower Upper
168 100
99 40.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 10.390 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY018062.D

Acq: 26 Apr 2024 15:03

Instrument :

MSVOA_Y

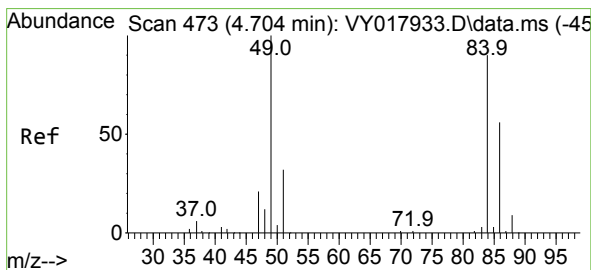
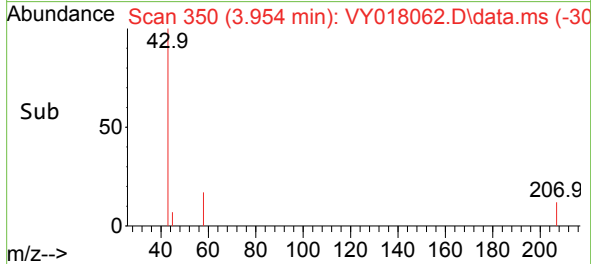
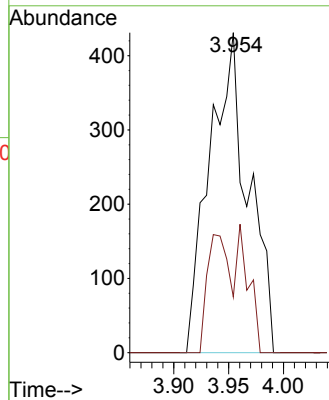
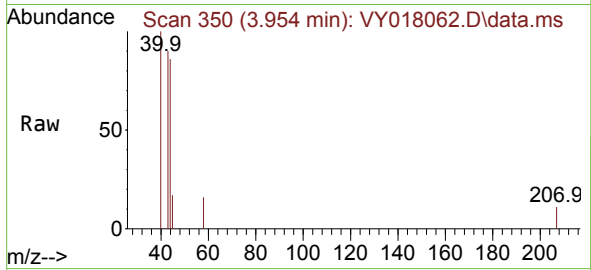
ClientSampleId :

Tgt Ion: 43 Resp: 1055

Ion Ratio Lower Upper

43 100

58 17.4 31.7 47.5#



#20

Methylene Chloride

Concen: 3.099 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018062.D

Acq: 26 Apr 2024 15:03

Tgt Ion: 84 Resp: 2132

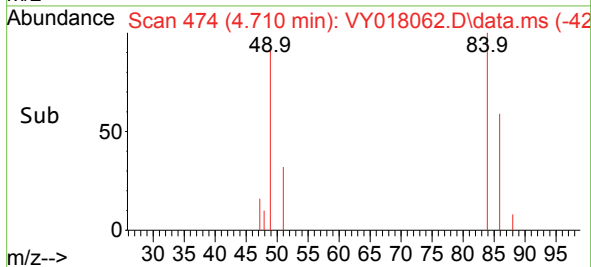
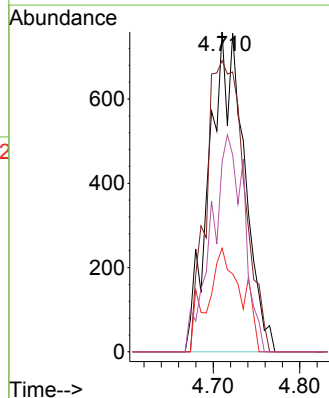
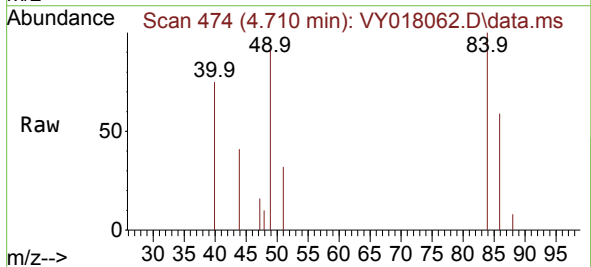
Ion Ratio Lower Upper

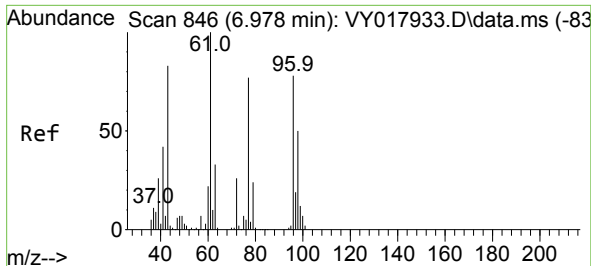
84 100

49 91.0 84.4 126.6

51 32.4 26.0 39.0

86 59.4 49.5 74.3





#25

2-Butanone

Concen: 1.675 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

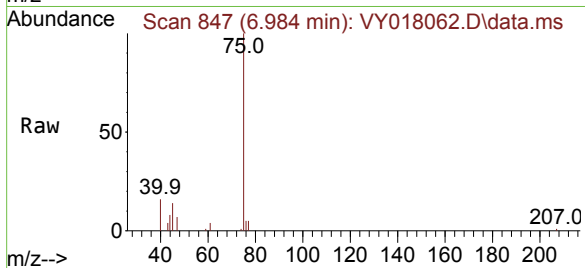
Lab File: VY018062.D

Acq: 26 Apr 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

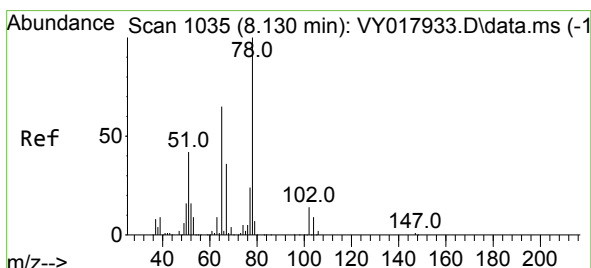
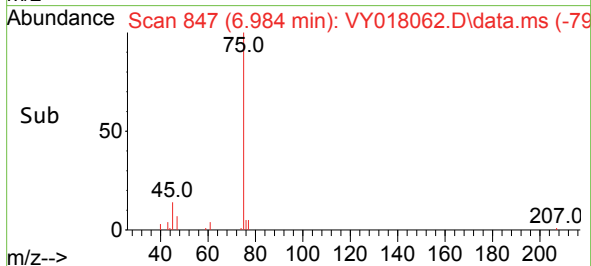
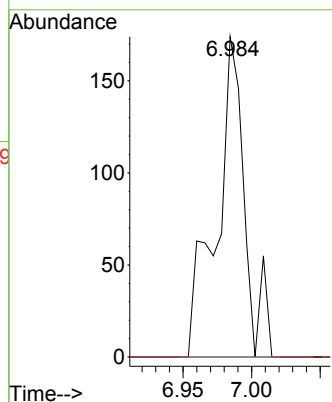


Tgt Ion: 43 Resp: 250

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 39.570 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY018062.D

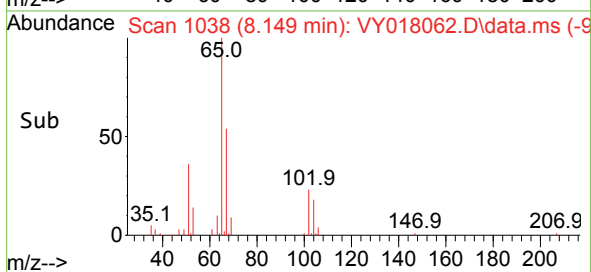
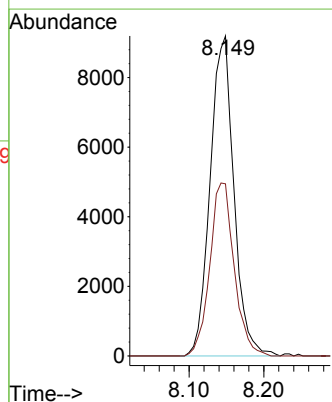
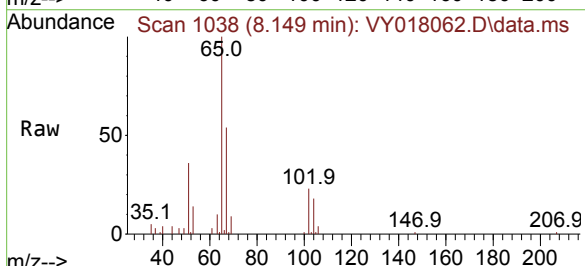
Acq: 26 Apr 2024 15:03

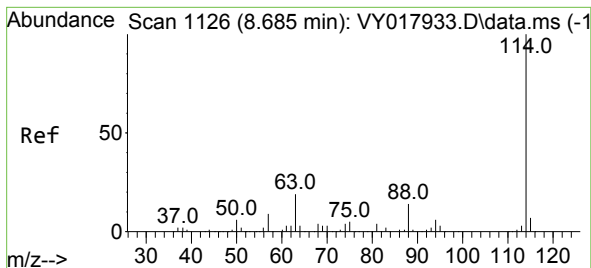
Tgt Ion: 65 Resp: 20335

Ion Ratio Lower Upper

65 100

67 55.6 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: VY018062.D

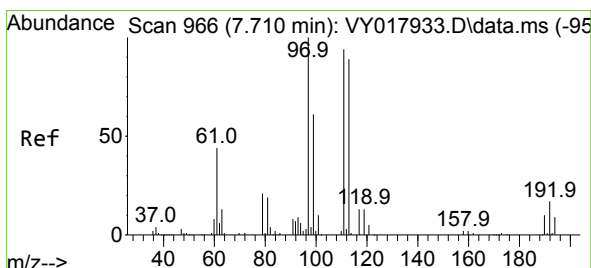
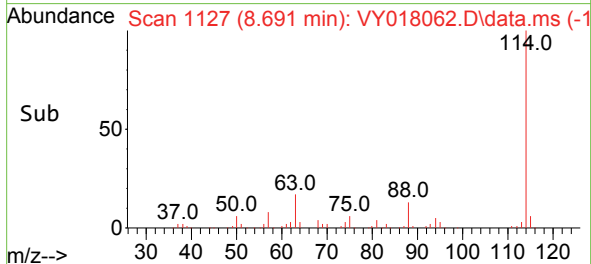
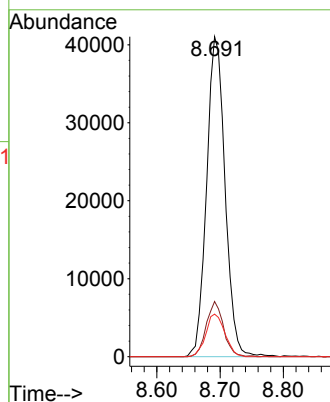
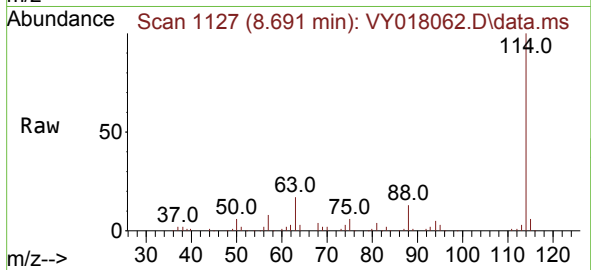
Acq: 26 Apr 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	83345
Ion Ratio	Lower	Upper
114	100	
63	17.2	0.0 35.0
88	13.3	0.0 27.2



#35

Dibromofluoromethane

Concen: 53.189 ug/l

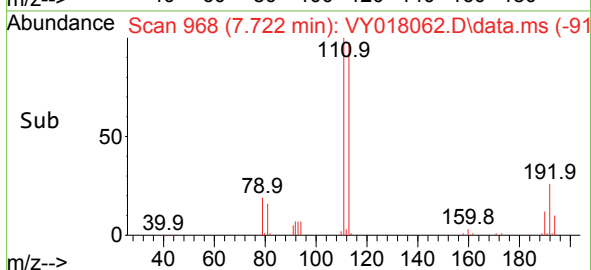
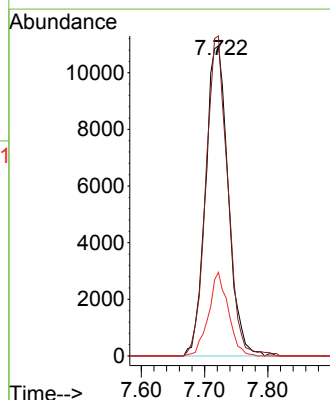
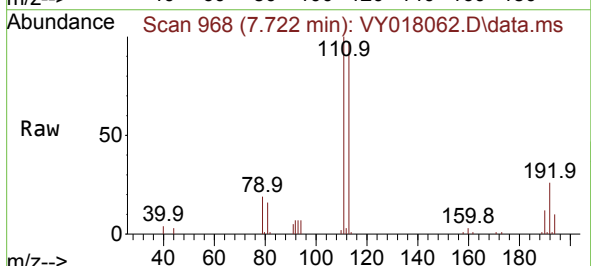
RT: 7.722 min Scan# 968

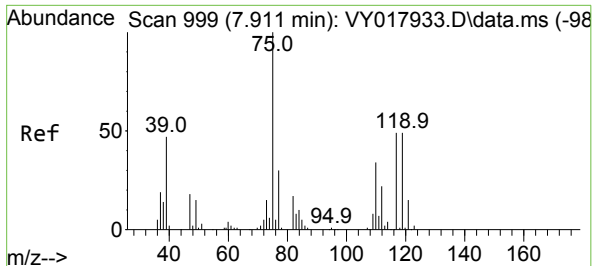
Delta R.T. 0.000 min

Lab File: VY018062.D

Acq: 26 Apr 2024 15:03

Tgt Ion:113	Resp:	27349
Ion Ratio	Lower	Upper
113	100	
111	98.9	82.2 123.4
192	23.5	15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.359 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY018062.D

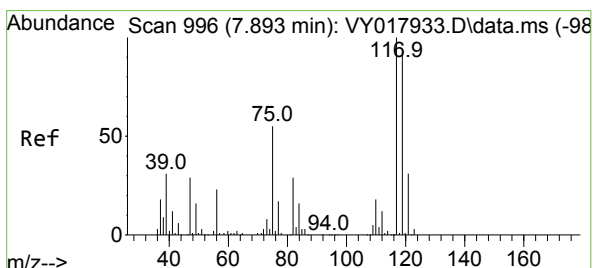
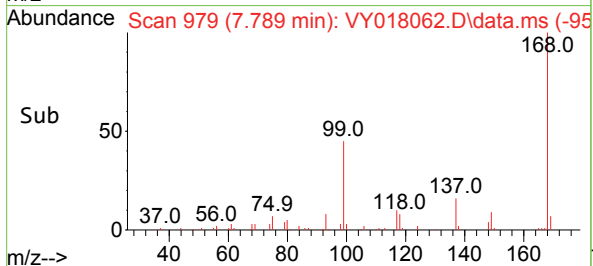
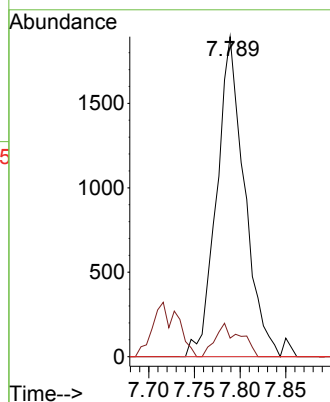
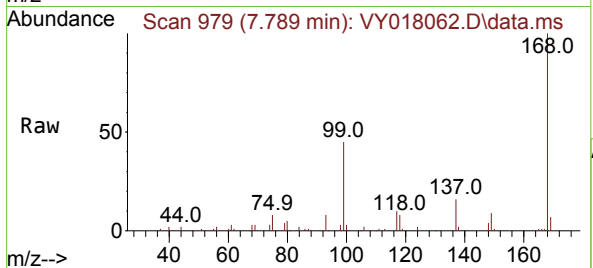
Acq: 26 Apr 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	4007
Ion Ratio	Lower	Upper
75	100	
110	9.4	19.0 57.0#
77	0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.837 ug/l

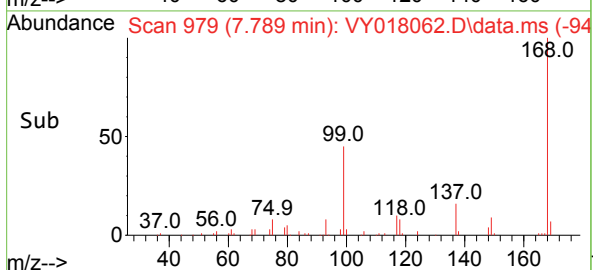
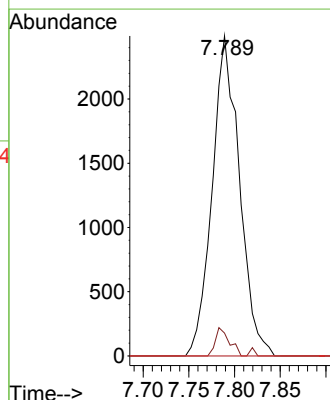
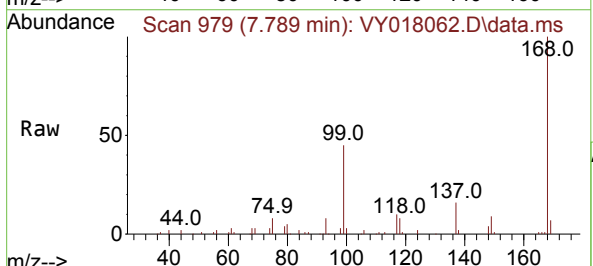
RT: 7.789 min Scan# 979

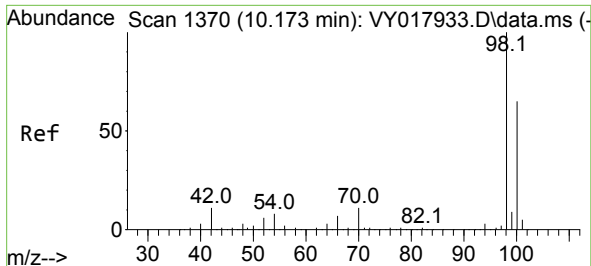
Delta R.T. -0.116 min

Lab File: VY018062.D

Acq: 26 Apr 2024 15:03

Tgt Ion: 117	Resp:	5165
Ion Ratio	Lower	Upper
117	100	
119	7.1	75.8 113.6#
121	0.0	24.0 36.0#

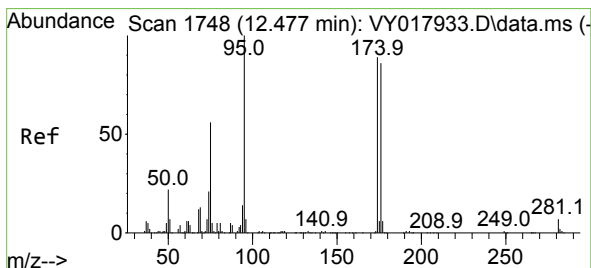
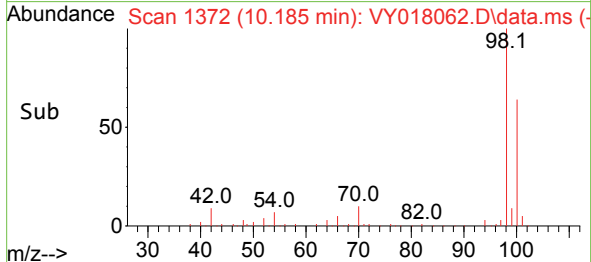
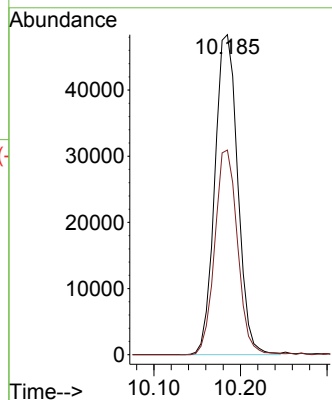
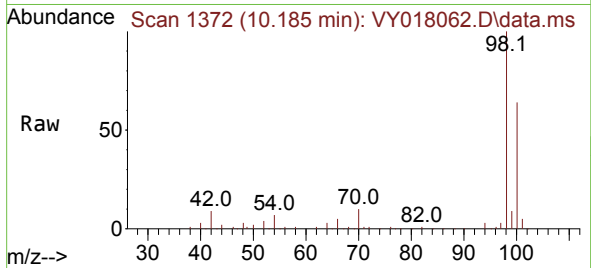




#50
Toluene-d8
Concen: 45.549 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

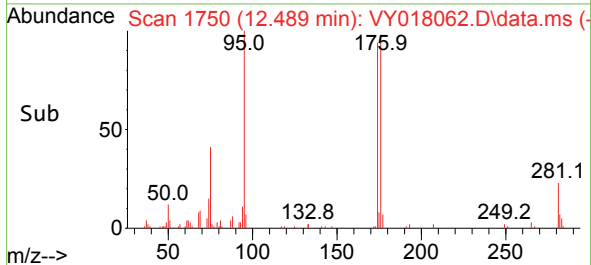
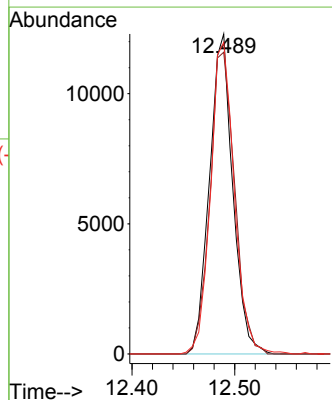
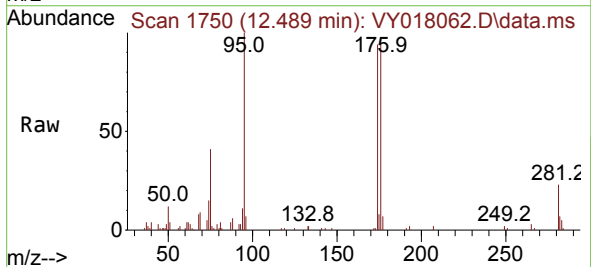
Instrument :
MSVOA_Y
ClientSampleId :

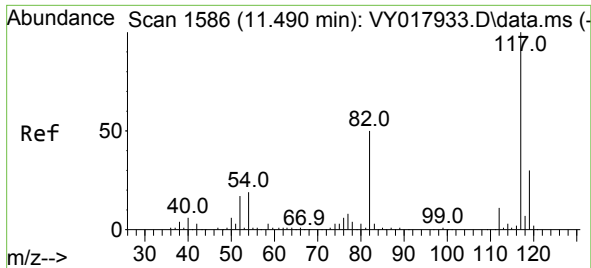
Tgt Ion: 98 Resp: 88870
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.107 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

Tgt Ion: 95 Resp: 19401
Ion Ratio Lower Upper
95 100
174 99.7 0.0 175.6
176 99.1 0.0 171.4

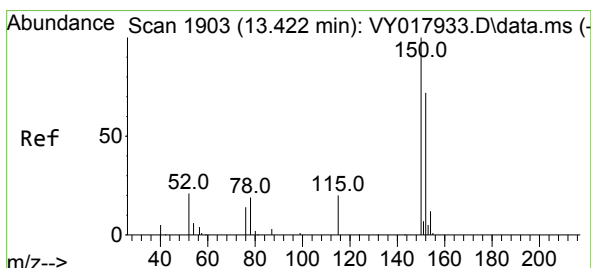
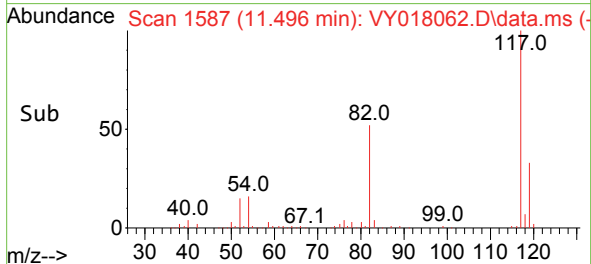
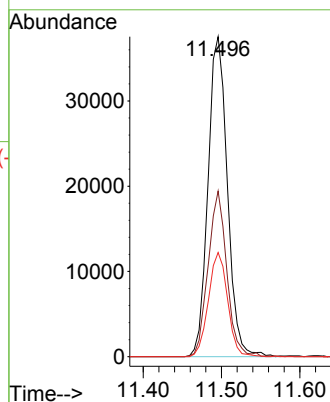
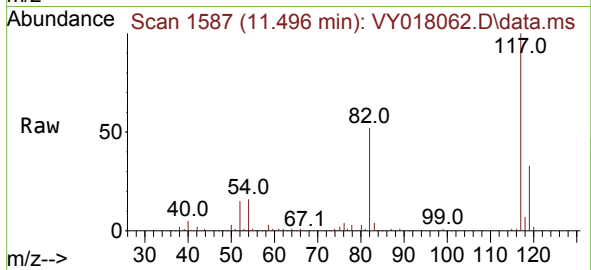




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

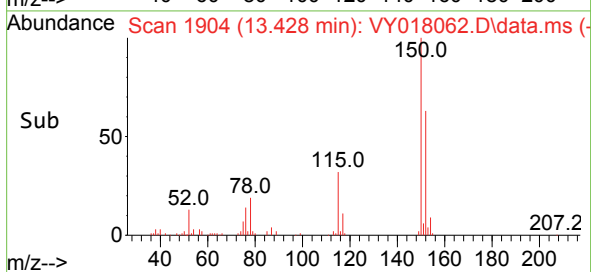
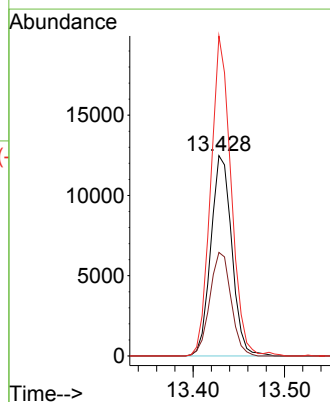
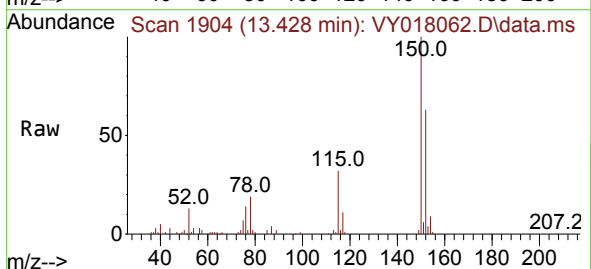
Instrument :
MSVOA_Y
ClientSampleId :

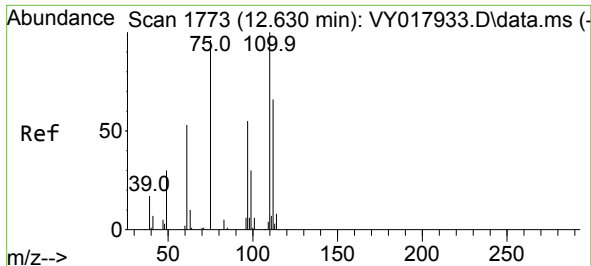
Tgt Ion:117 Resp: 64440
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

Tgt Ion:152 Resp: 19879
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.7
150 154.4 0.0 345.6

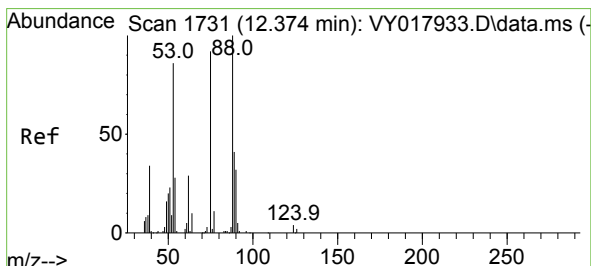
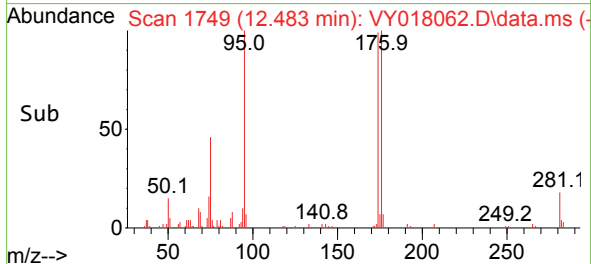
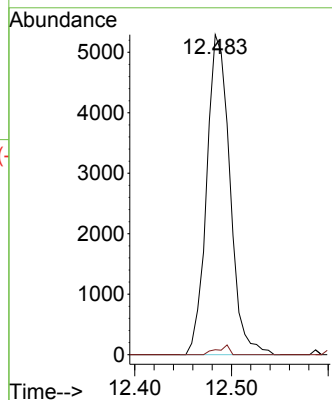
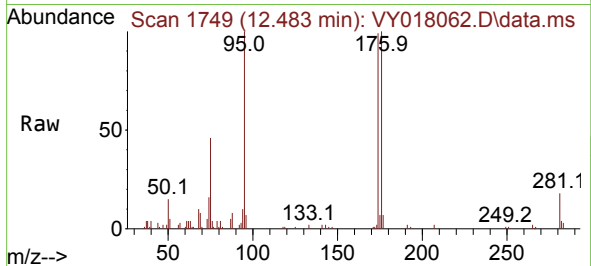




#76
1,2,3-Trichloropropane
Concen: 47.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8824
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.531 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

Tgt Ion: 75 Resp: 8824
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

