

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017280.D
 Acq On : 07 Feb 2024 11:13
 Operator : SY/MD
 Sample : VY0207SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBL01

Quant Time: Feb 08 01:40:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

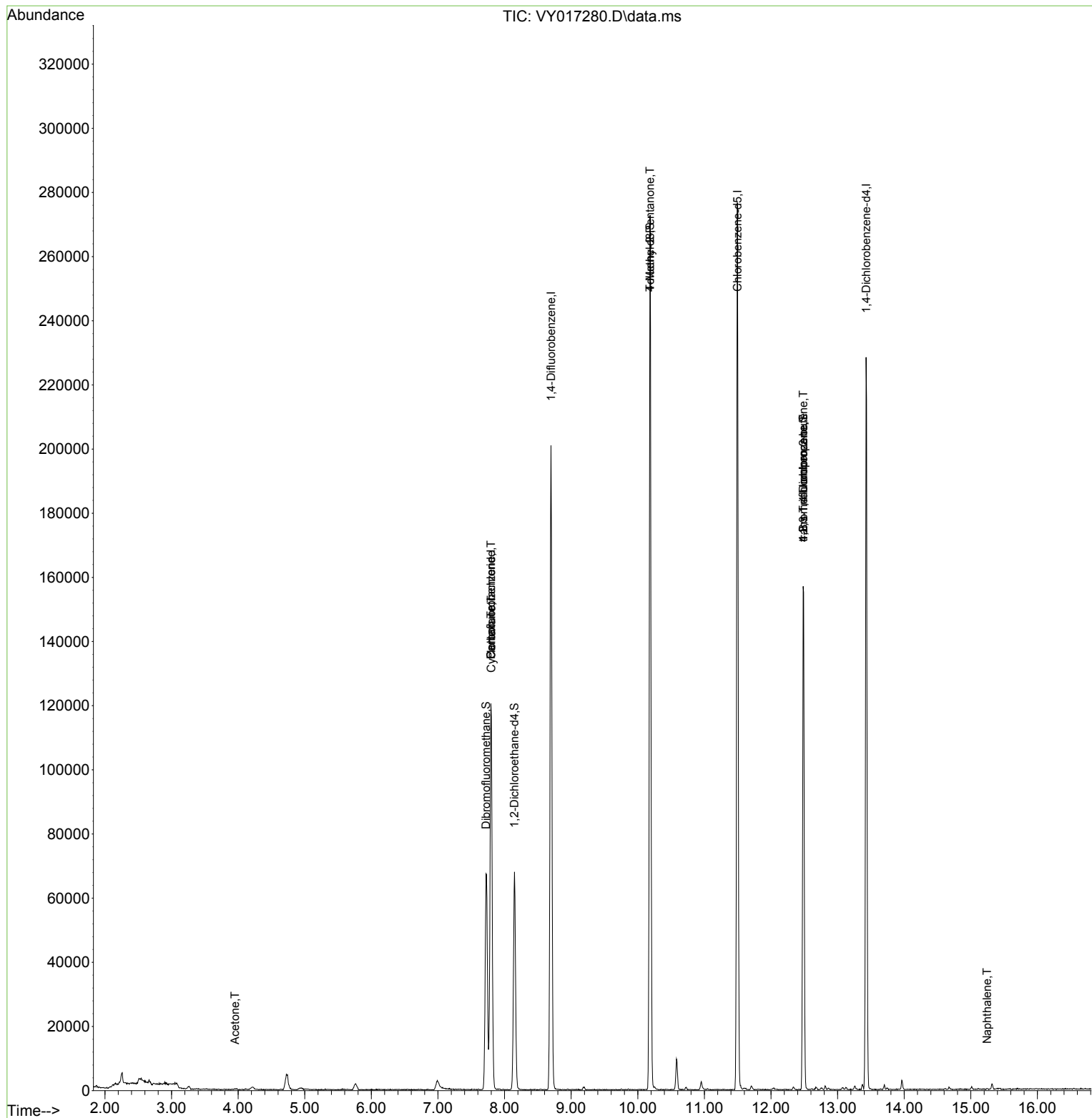
Internal Standards						
1) Pentafluorobenzene	7.795	168	88210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	166029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	139813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	49432	62.730	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.460%			
35) Dibromofluoromethane	7.722	113	48355	53.940	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.880%			
50) Toluene-d8	10.185	98	169415	51.906	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.483	95	48717	45.564	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.120%			
Target Compounds						
11) Tert butyl alcohol	4.948	59	724	Below Cal	#	75
16) Acetone	3.954	43	470	2.029	ug/l #	41
31) Cyclohexane	7.801	56	2431	1.531	ug/l #	40
38) Carbon Tetrachloride	7.795	117	9147	6.178	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	753	1.106	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	26750	53.781	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26750	111.750	ug/l #	12
95) Naphthalene	15.245	128	375	3.668	ug/l #	69

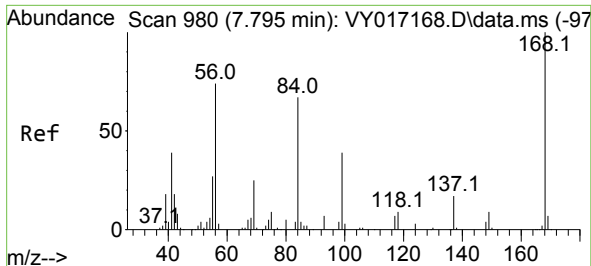
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

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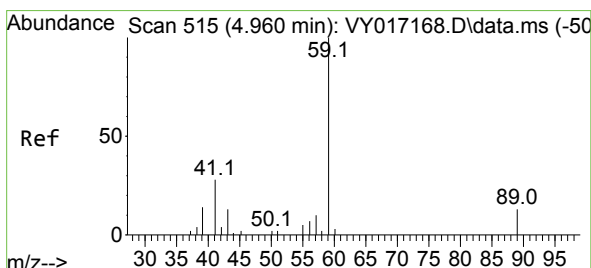
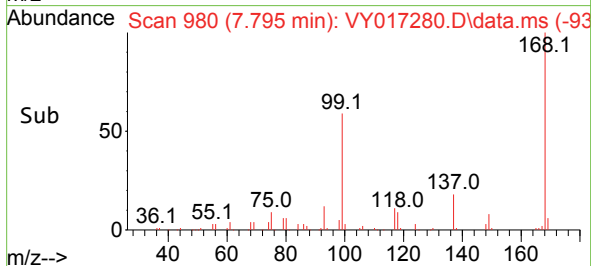
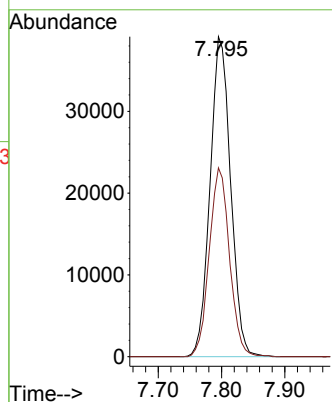
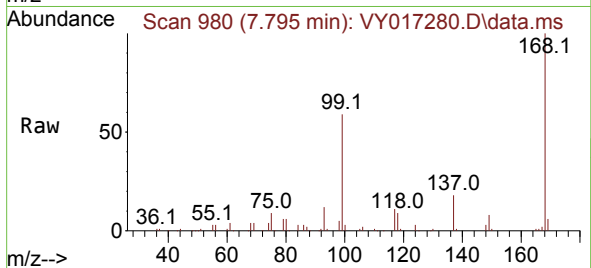




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

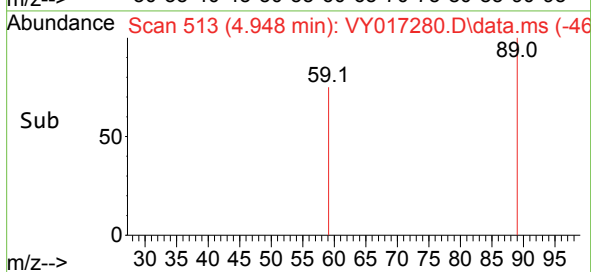
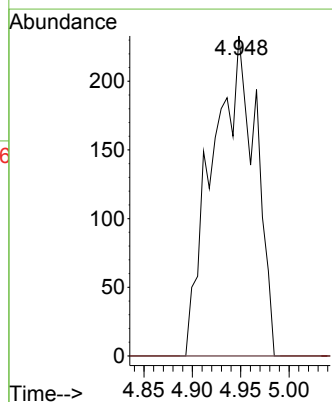
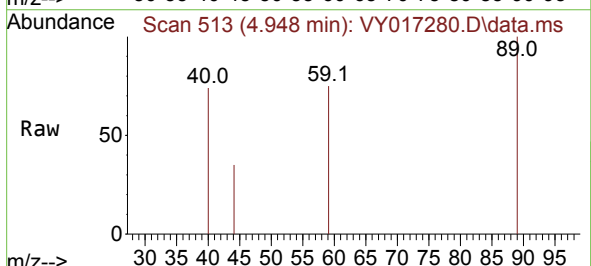
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

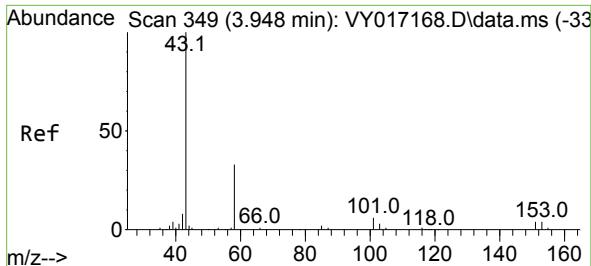
Tgt Ion:168 Resp: 88210
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

Tgt Ion: 59 Resp: 724
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

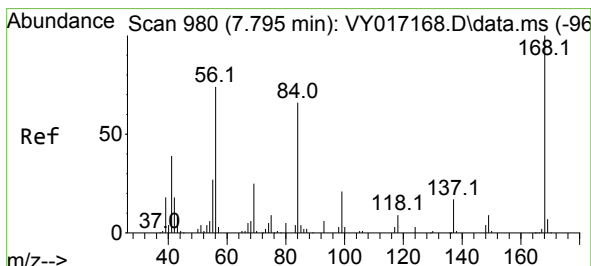
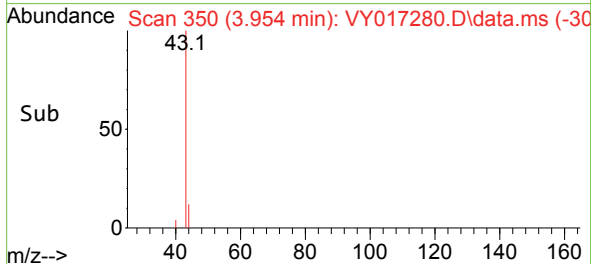
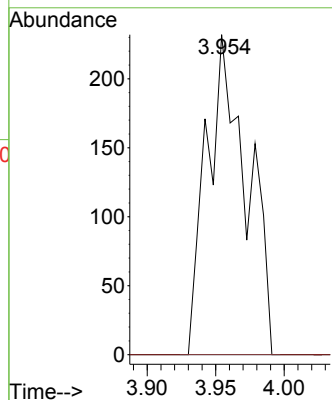
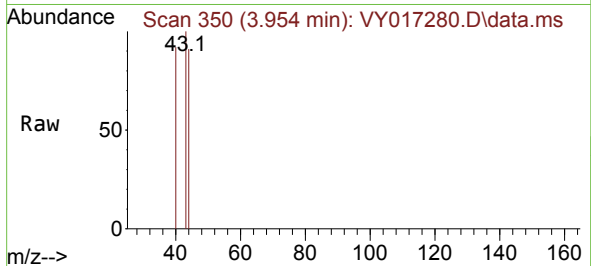




#16
Acetone
Concen: 2.029 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

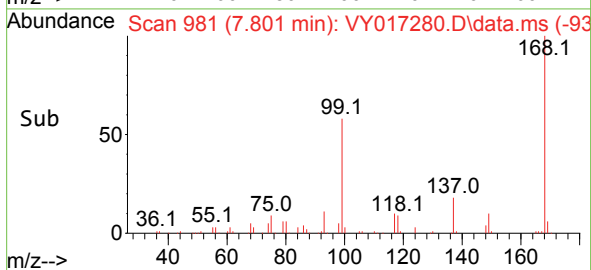
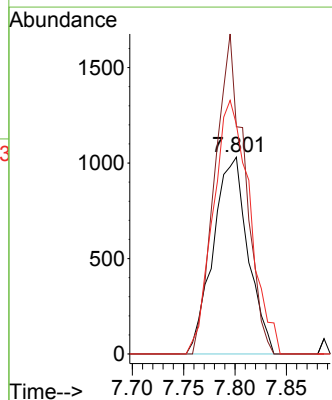
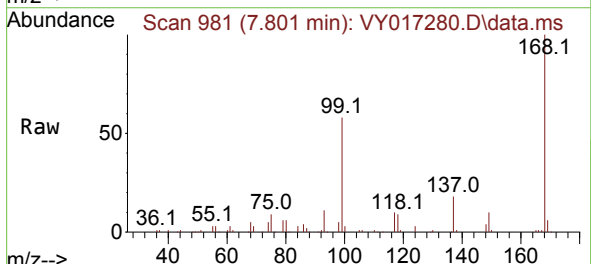
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

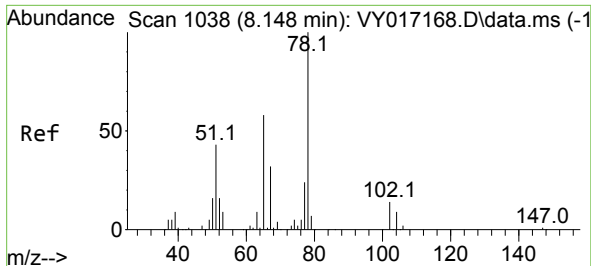
Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.531 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

Tgt Ion: 56 Resp: 2431
Ion Ratio Lower Upper
56 100
69 115.4 27.0 40.6#
84 116.7 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 62.730 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017280.D

Acq: 07 Feb 2024 11:13

Instrument :

MSVOA_Y

ClientSampleId :

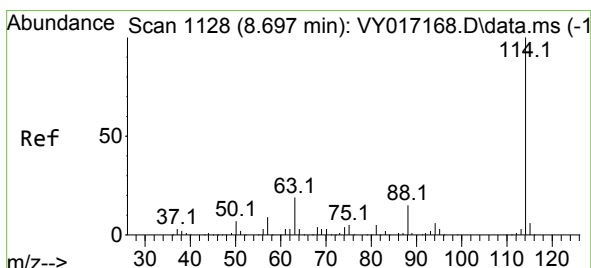
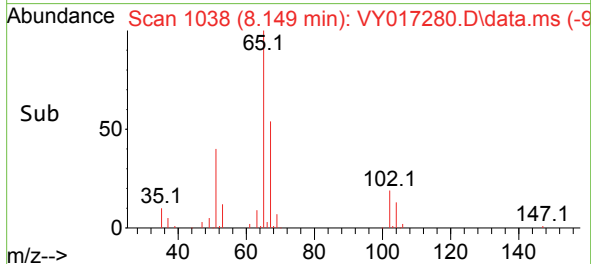
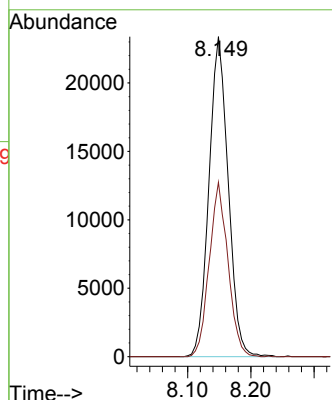
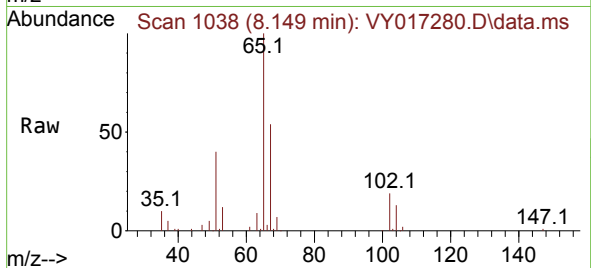
VY0207SBL01

Tgt Ion: 65 Resp: 49432

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017280.D

Acq: 07 Feb 2024 11:13

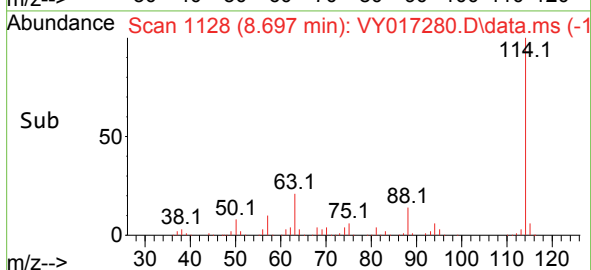
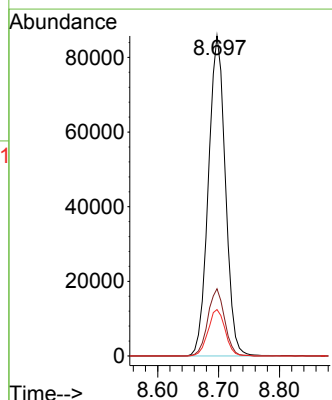
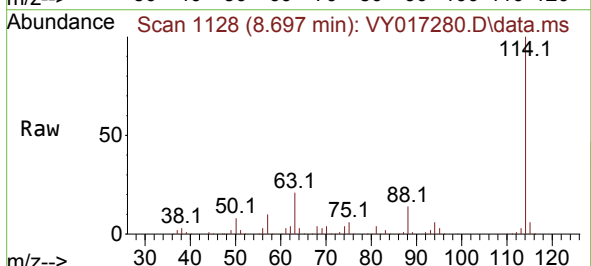
Tgt Ion:114 Resp: 166029

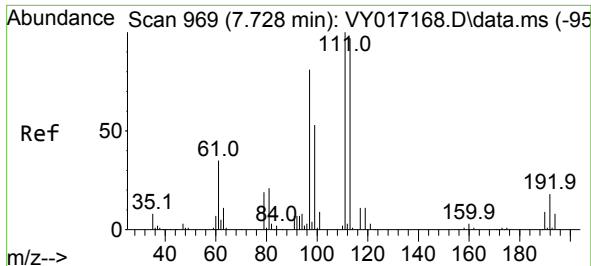
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

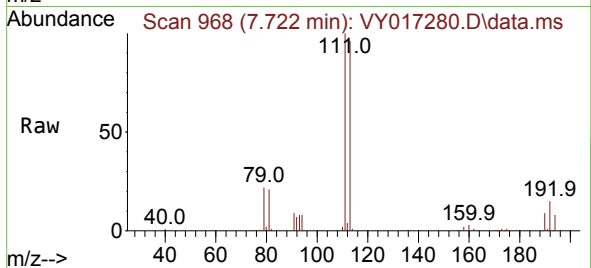
88 14.5 0.0 29.0



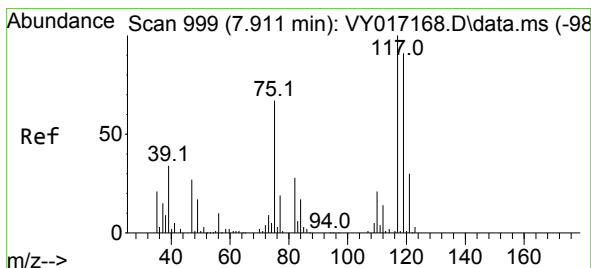
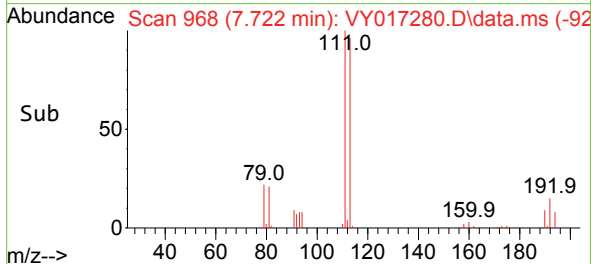
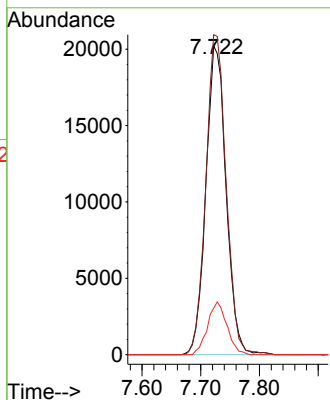


#35
 Dibromofluoromethane
 Concen: 53.940 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY017280.D
 Acq: 07 Feb 2024 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBL01

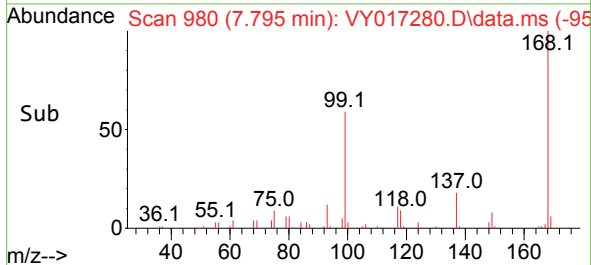
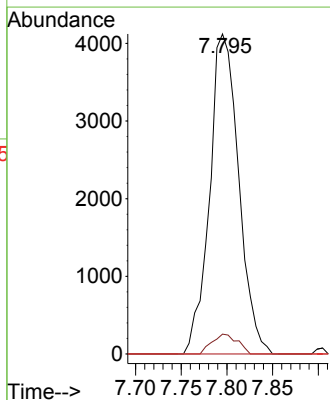
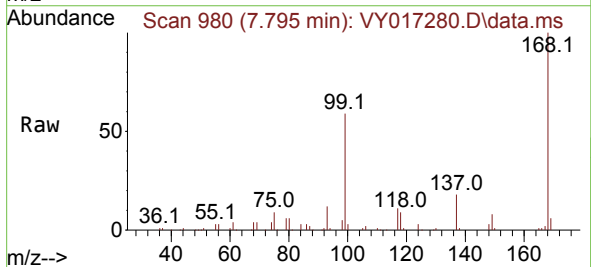


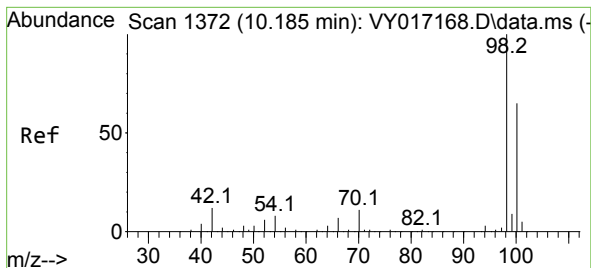
Tgt Ion:113	Resp:	48355
Ion	Ratio	Lower Upper
113	100	
111	104.0	83.8 125.6
192	16.4	14.5 21.7



#38
 Carbon Tetrachloride
 Concen: 6.178 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.115 min
 Lab File: VY017280.D
 Acq: 07 Feb 2024 11:13

Tgt Ion:117	Resp:	9147
Ion	Ratio	Lower Upper
117	100	
119	6.2	76.0 114.0#
121	0.0	24.2 36.2#





#50

Toluene-d8

Concen: 51.906 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017280.D

Acq: 07 Feb 2024 11:13

Instrument :

MSVOA_Y

ClientSampleId :

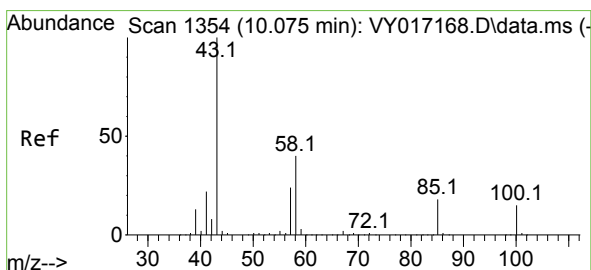
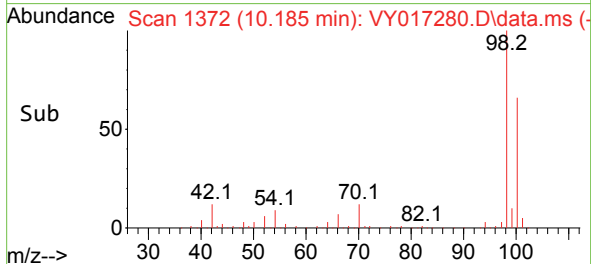
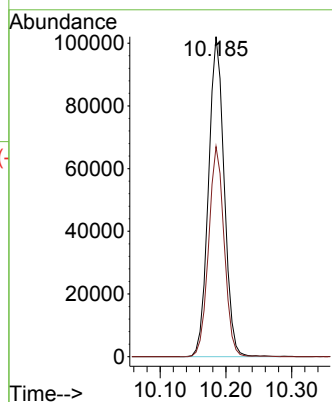
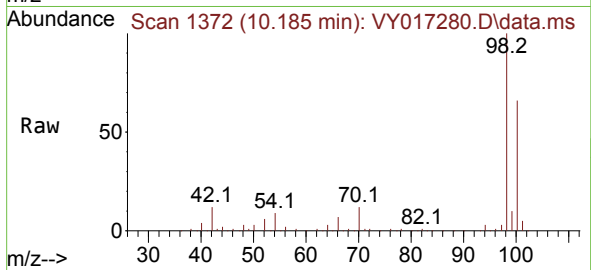
VY0207SBL01

Tgt Ion: 98 Resp: 169415

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 1.106 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.110 min

Lab File: VY017280.D

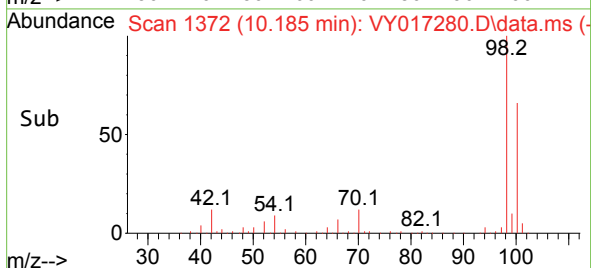
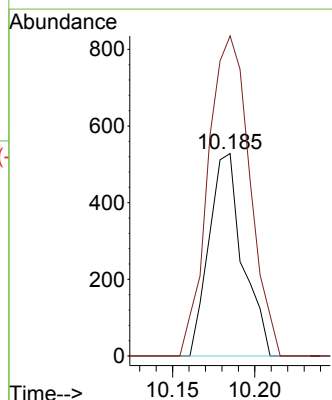
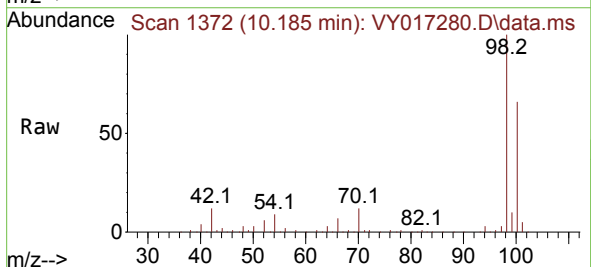
Acq: 07 Feb 2024 11:13

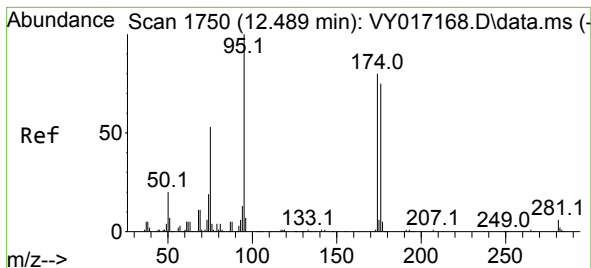
Tgt Ion: 43 Resp: 753

Ion Ratio Lower Upper

43 100

58 195.2 32.2 48.2#

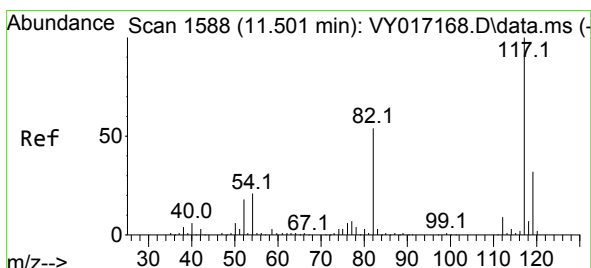
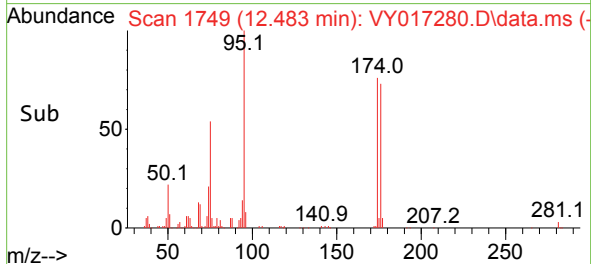
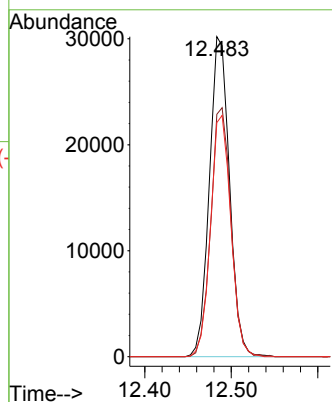
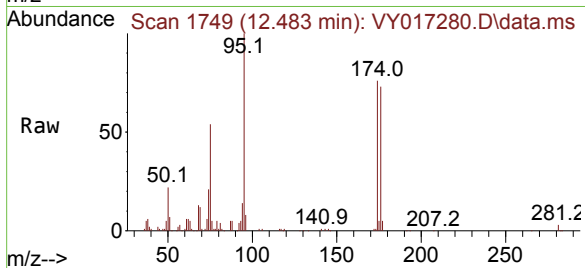




#62
4-Bromofluorobenzene
Concen: 45.564 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

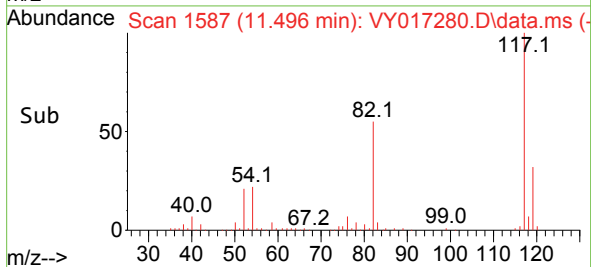
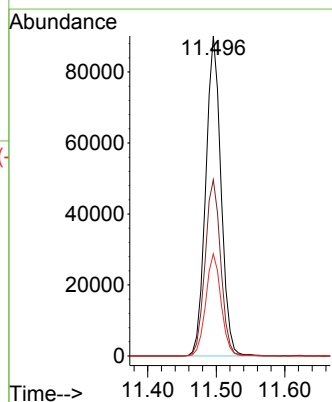
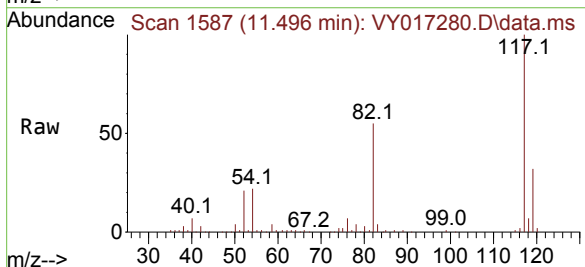
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

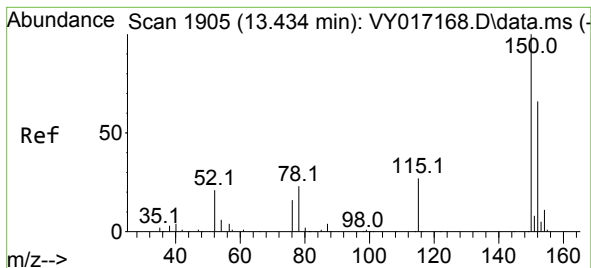
Tgt Ion: 95 Resp: 48717
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 75.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

Tgt Ion: 117 Resp: 139813
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.9 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY017280.D

Acq: 07 Feb 2024 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBL01

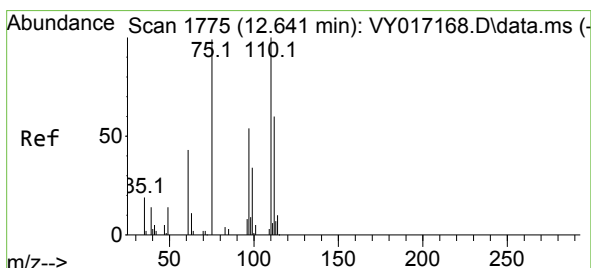
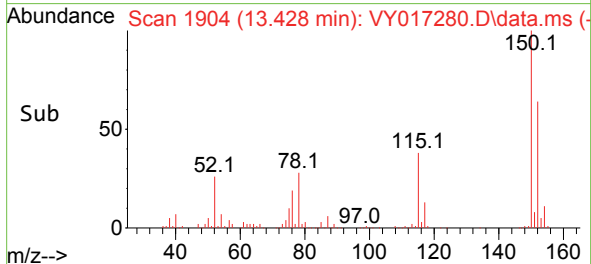
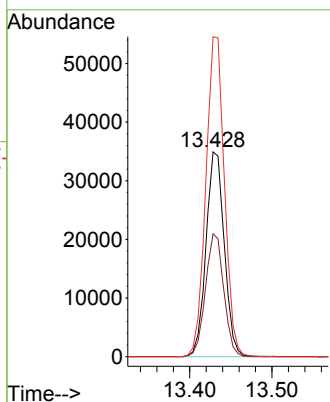
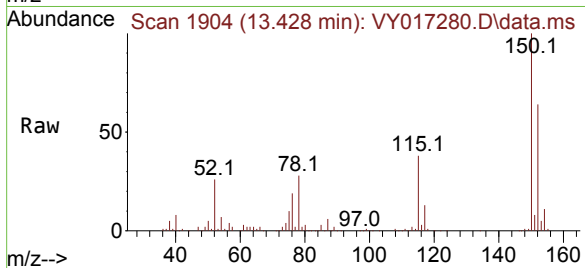
Tgt Ion:152 Resp: 53889

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 158.9 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 53.781 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY017280.D

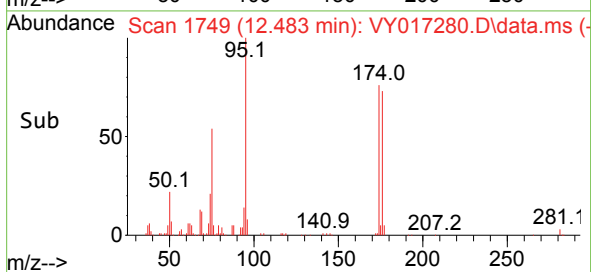
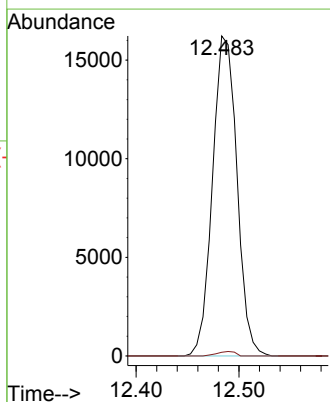
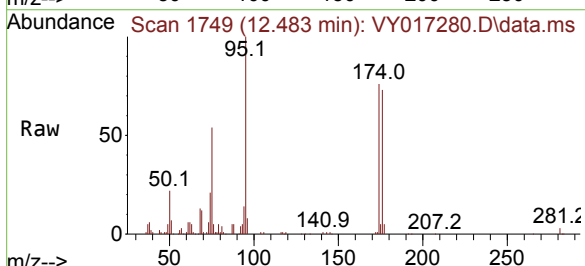
Acq: 07 Feb 2024 11:13

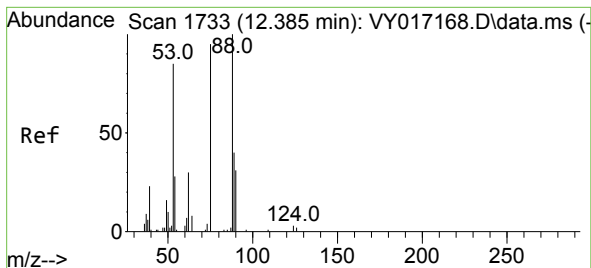
Tgt Ion: 75 Resp: 26750

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#

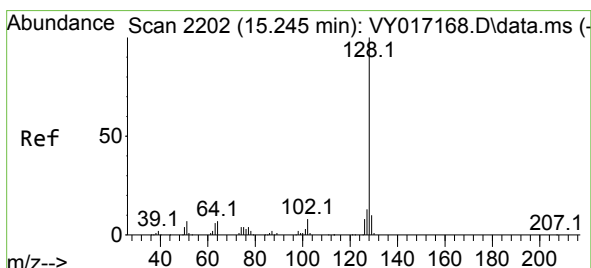
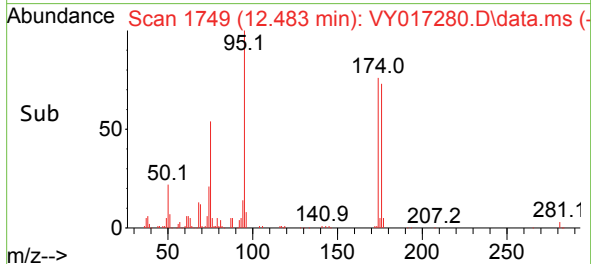
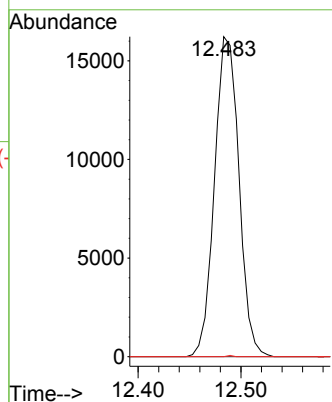
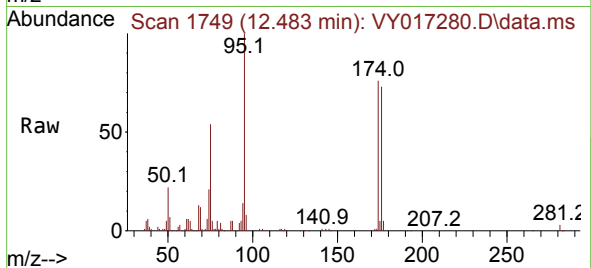




#81
trans-1,4-Dichloro-2-butene
Concen: 111.750 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

Tgt Ion: 75 Resp: 26750
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 3.668 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

Tgt Ion:128 Resp: 375
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

