

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017781.D
 Acq On : 27 Mar 2024 15:11
 Operator : SY/MD
 Sample : P1874-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11933

Quant Time: Mar 28 02:17:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

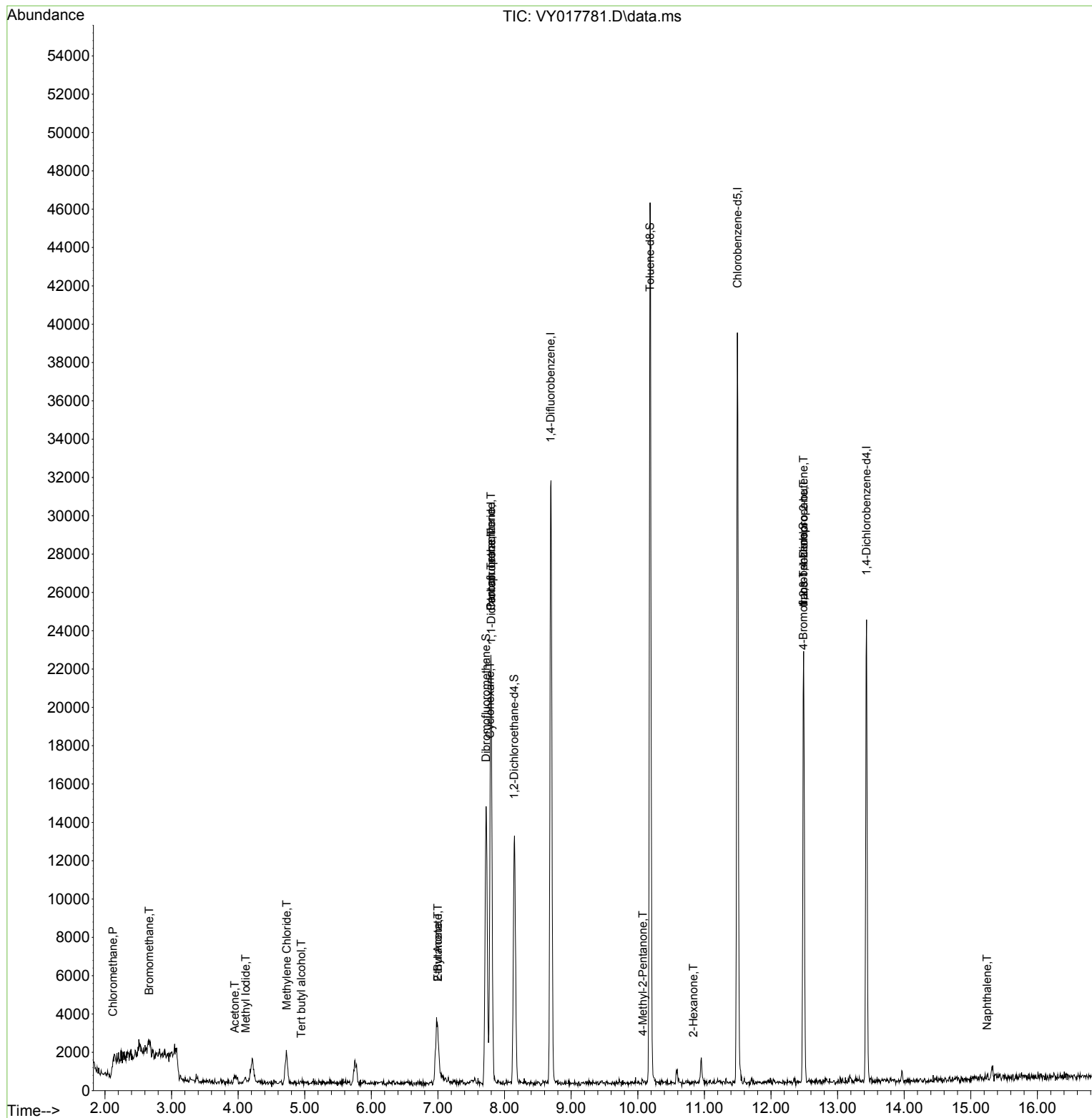
Internal Standards						
1) Pentafluorobenzene	7.795	168	17342	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.691	114	27680	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.496	117	22604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	6496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10011	66.263	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.520%			
35) Dibromofluoromethane	7.722	113	10085	60.952	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.900%			
50) Toluene-d8	10.185	98	31479	49.710	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.483	95	6386	33.583	ug/l	-0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 67.160%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	217	1.119	ug/l	97
5) Bromomethane	2.662	94	467	2.550	ug/l	96
10) Methyl Iodide	4.113	142	242	1.125	ug/l #	88
11) Tert butyl alcohol	4.948	59	103	10.250	ug/l #	88
16) Acetone	3.948	43	689	26.073	ug/l #	36
20) Methylene Chloride	4.729	84	1098	5.713	ug/l	93
25) 2-Butanone	6.997	43	161	11.442	ug/l #	41
31) Cyclohexane	7.783	56	384	1.285	ug/l #	57
36) 1,1-Dichloropropene	7.801	75	1495	5.849	ug/l #	40
37) Ethyl Acetate	6.997	43	161	1.639	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1773	6.624	ug/l #	13
51) 4-Methyl-2-Pentanone	10.075	43	52	6.127	ug/l #	1
59) 2-Hexanone	10.837	43	21	9.759	ug/l #	19
76) 1,2,3-Trichloropropane	12.489	75	3407	56.796	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	3407	131.239	ug/l #	16
95) Naphthalene	15.245	128	234	3.929	ug/l #	69

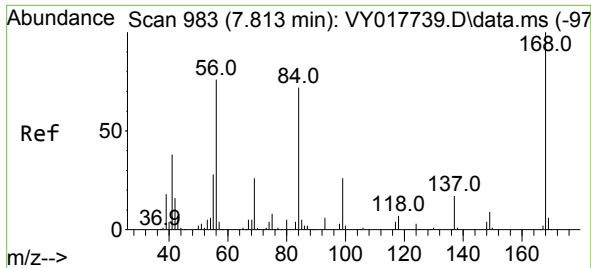
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
Data File : VY017781.D
Acq On : 27 Mar 2024 15:11
Operator : SY/MD
Sample : P1874-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11933

Quant Time: Mar 28 02:17:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

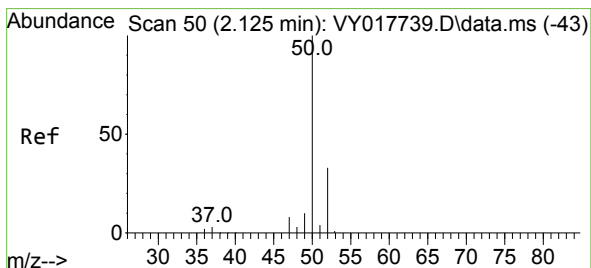
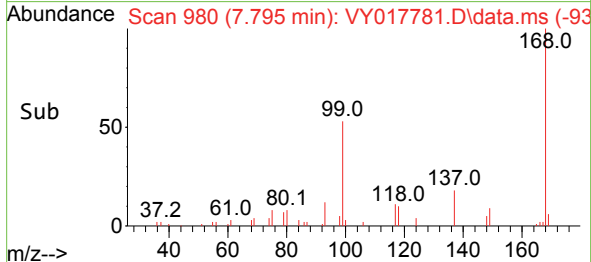
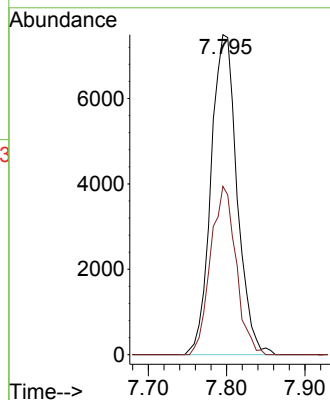
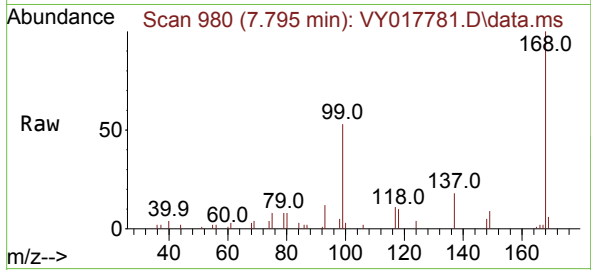




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

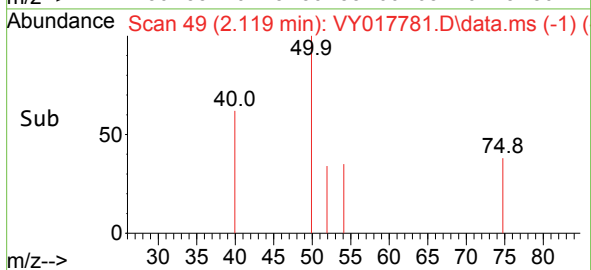
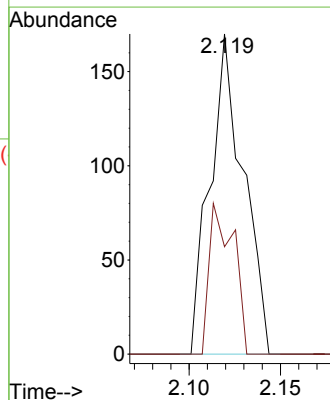
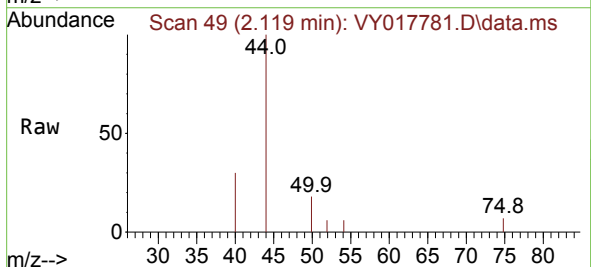
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

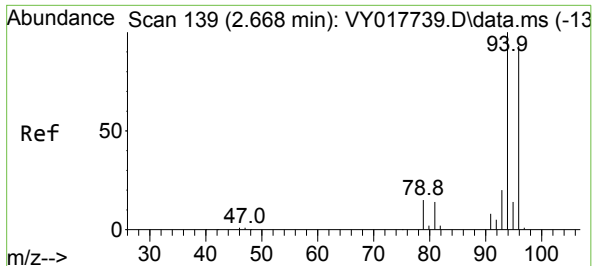
Tgt Ion:168 Resp: 17342
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#3
Chloromethane
Concen: 1.119 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4

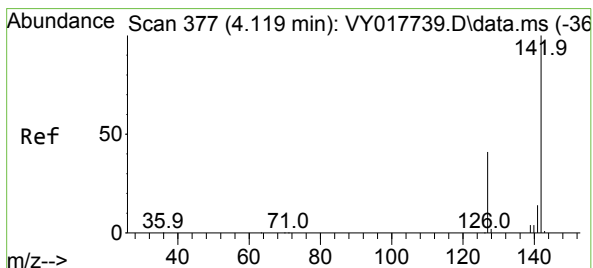
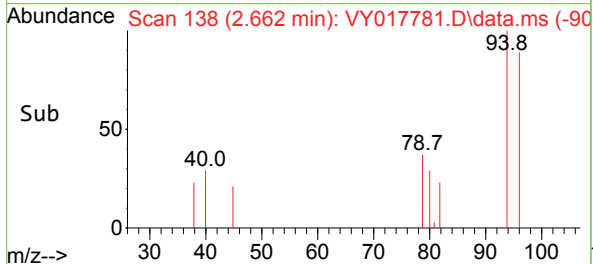
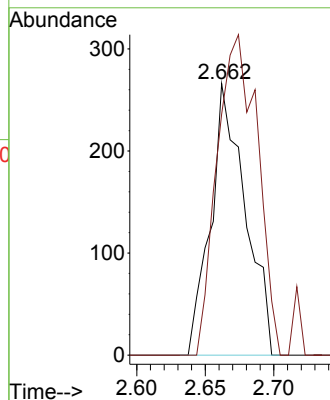
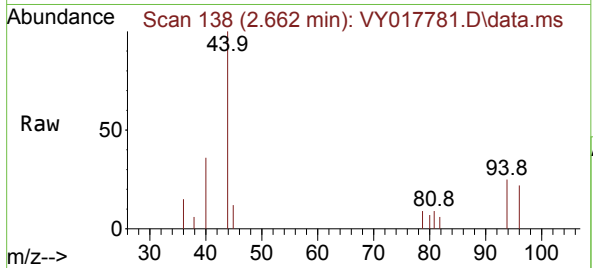




#5
Bromomethane
Concen: 2.550 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

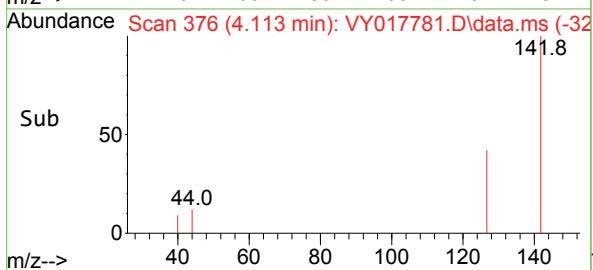
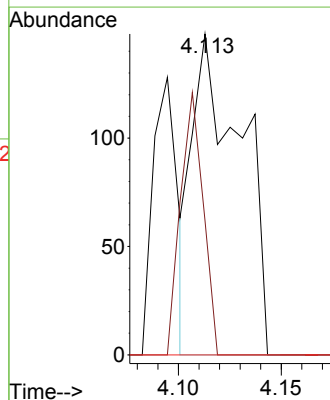
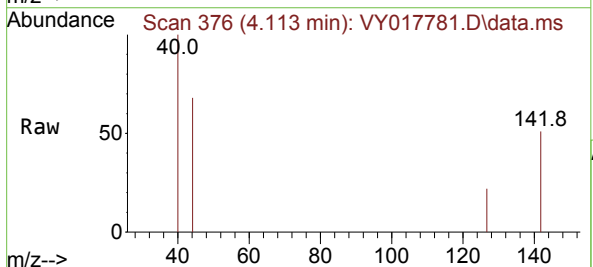
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

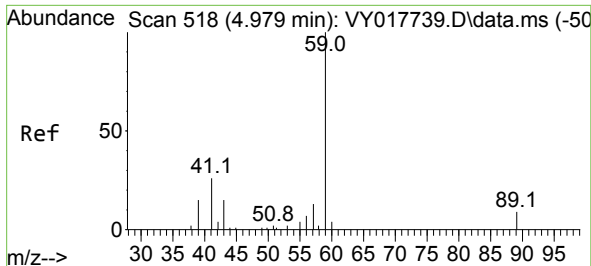
Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 88.7 74.1 111.1



#10
Methyl Iodide
Concen: 1.125 ug/l
RT: 4.113 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion:142 Resp: 242
Ion Ratio Lower Upper
142 100
127 38.4 32.8 49.2
141 0.0 11.4 17.2#

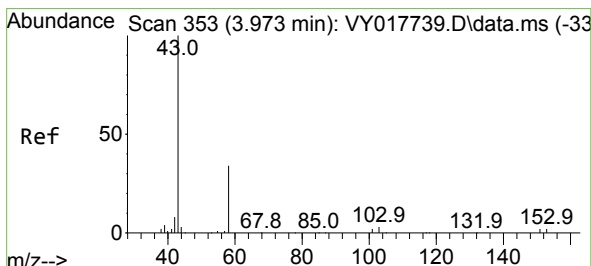
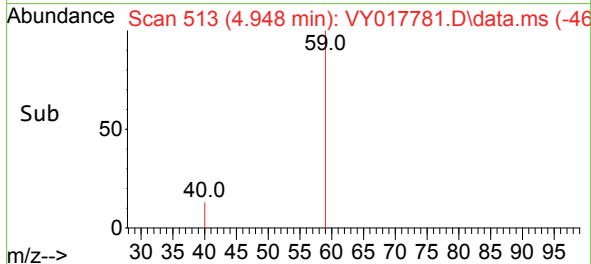
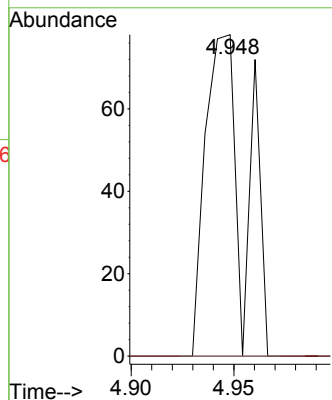
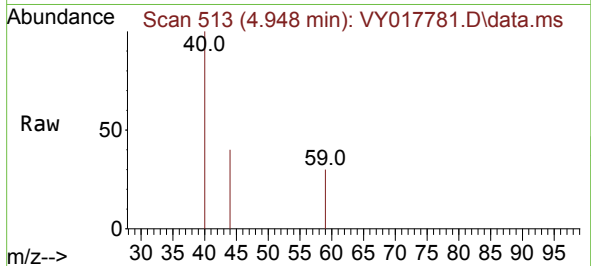




#11
Tert butyl alcohol
Concen: 10.250 ug/l
RT: 4.948 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

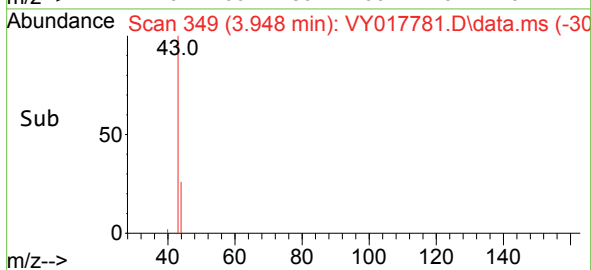
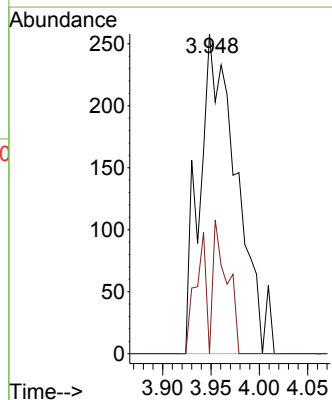
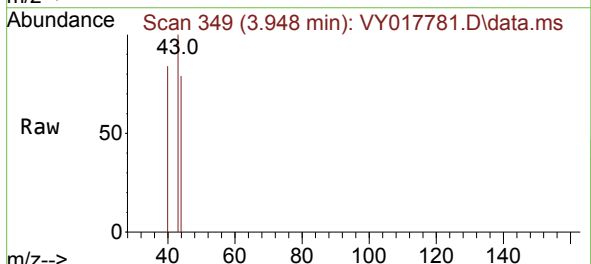
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

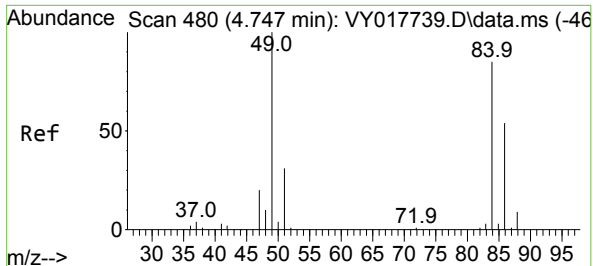
Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 26.073 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.024 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

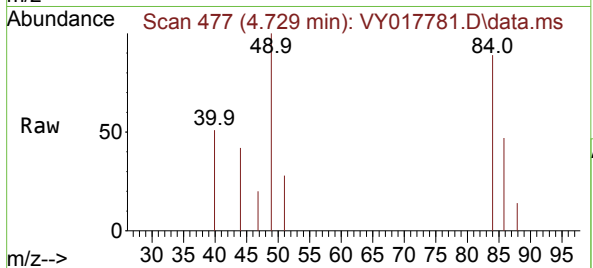
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



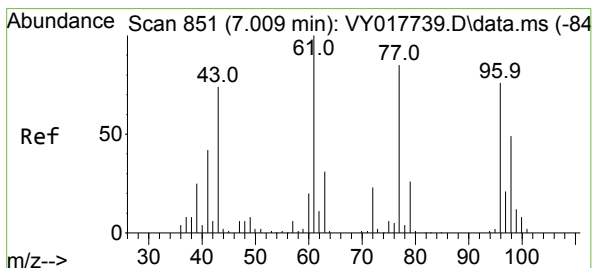
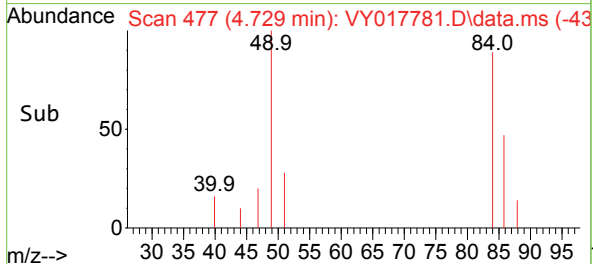
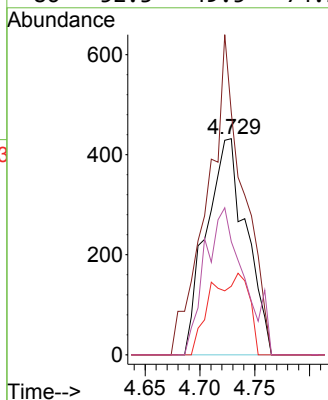


#20
Methylene Chloride
Concen: 5.713 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
72-11933

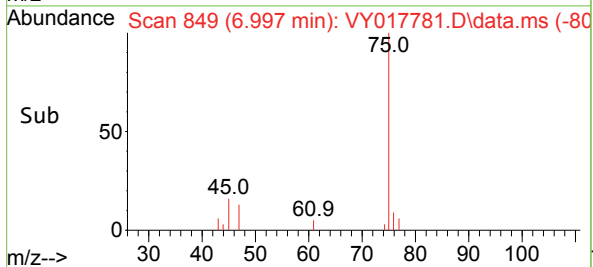
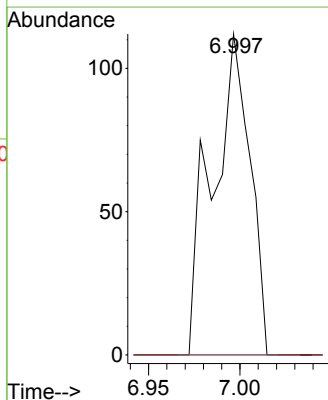
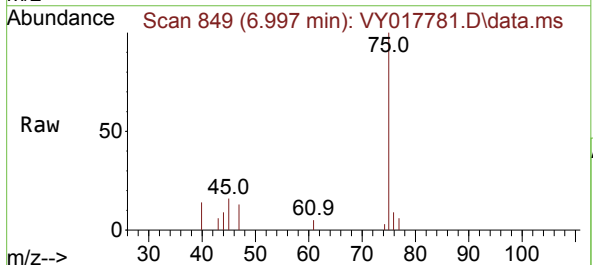


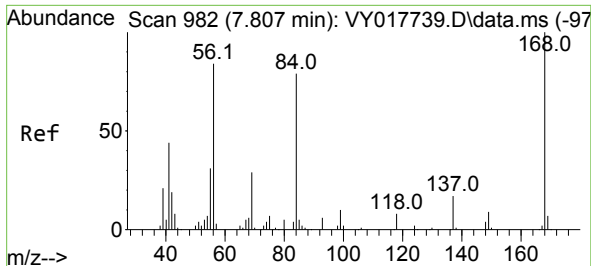
Tgt Ion:	84	Resp:	1098
Ion	Ratio	Lower	Upper
84	100		
49	112.0	84.4	126.6
51	31.7	26.0	39.0
86	52.3	49.5	74.3



#25
2-Butanone
Concen: 11.442 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion:	43	Resp:	161
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

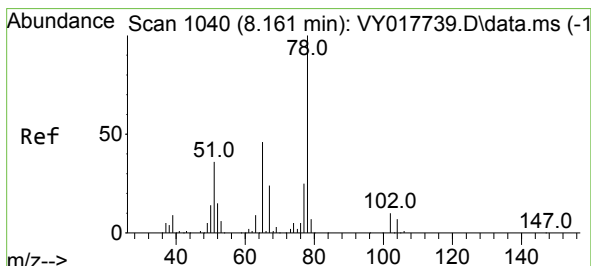
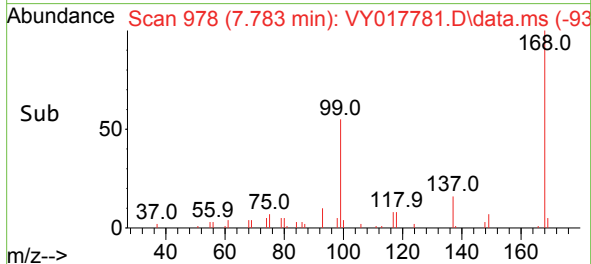
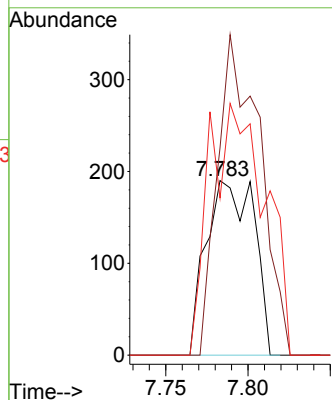
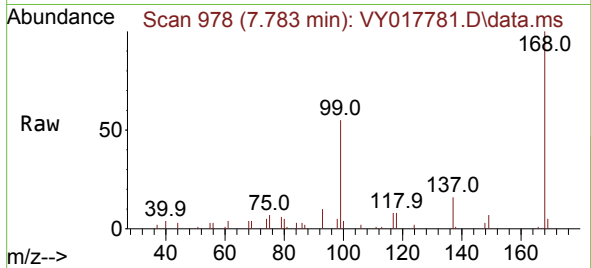




#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.024 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

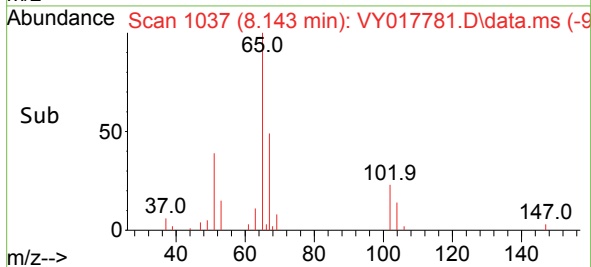
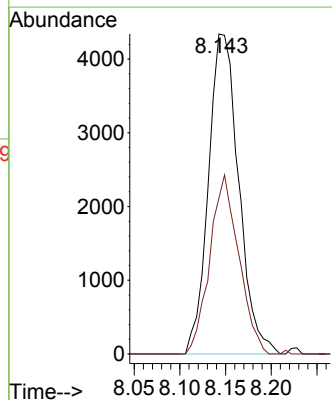
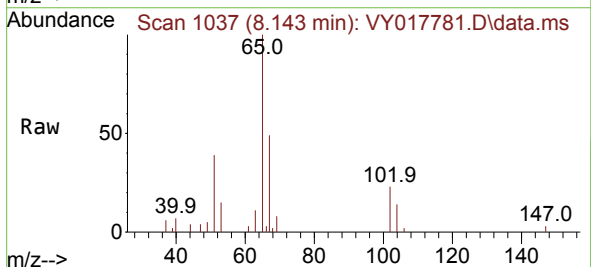
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

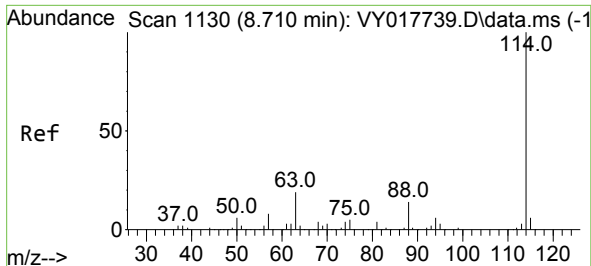
Tgt Ion: 56 Resp: 384
Ion Ratio Lower Upper
56 100
69 118.9 28.7 43.1#
84 90.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 66.263 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.018 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion: 65 Resp: 10011
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.018 min

Lab File: VY017781.D

Acq: 27 Mar 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

72-11933

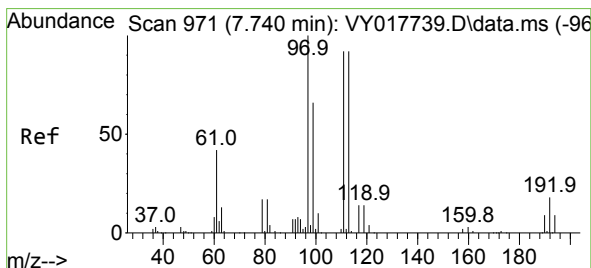
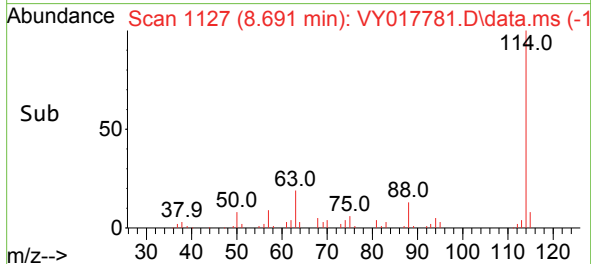
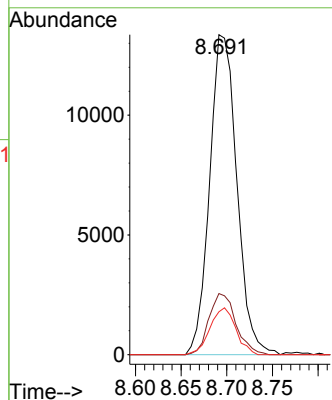
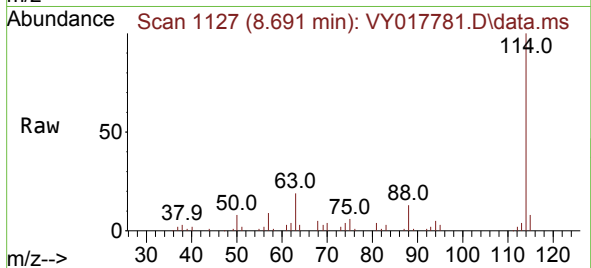
Tgt Ion:114 Resp: 27680

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.952 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017781.D

Acq: 27 Mar 2024 15:11

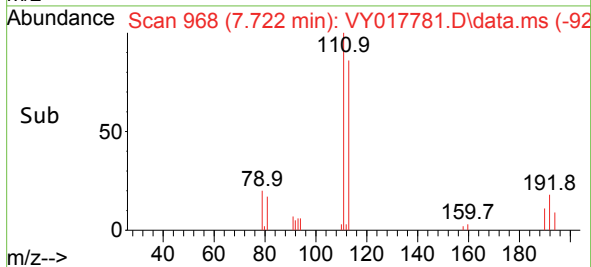
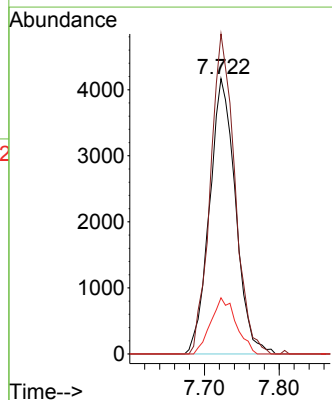
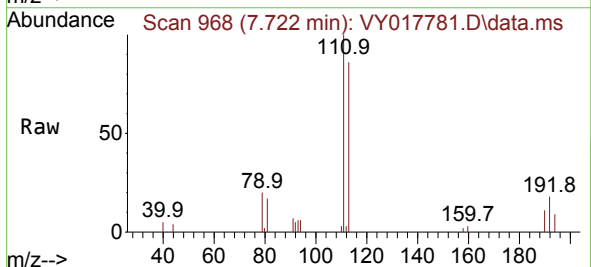
Tgt Ion:113 Resp: 10085

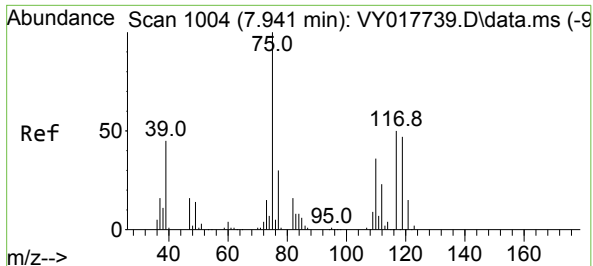
Ion Ratio Lower Upper

113 100

111 109.4 82.2 123.4

192 20.0 15.9 23.9

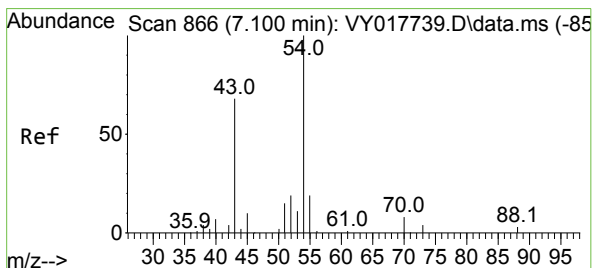
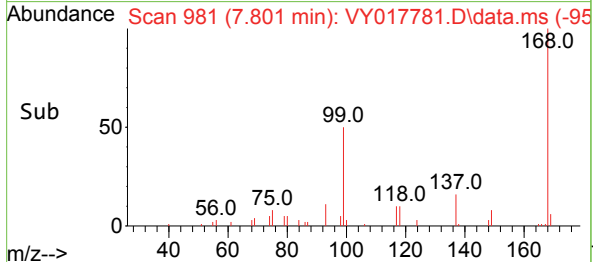
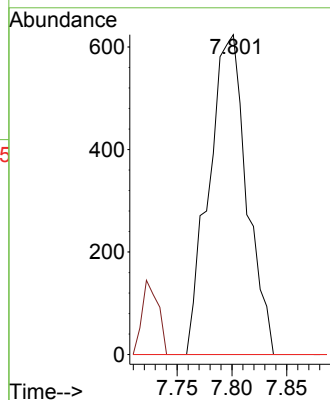
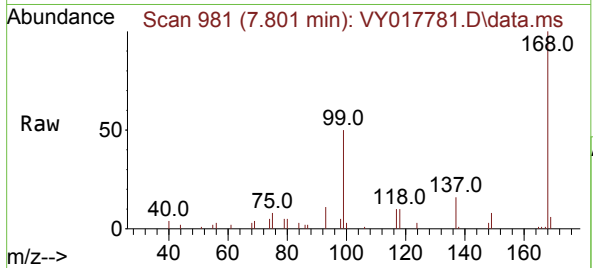




#36
1,1-Dichloropropene
Concen: 5.849 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

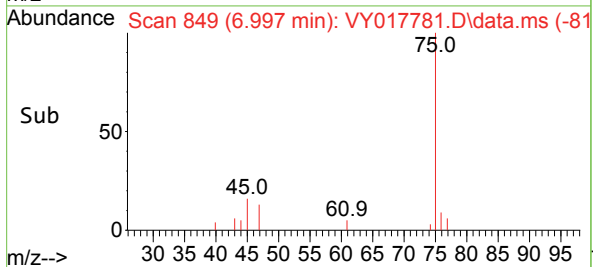
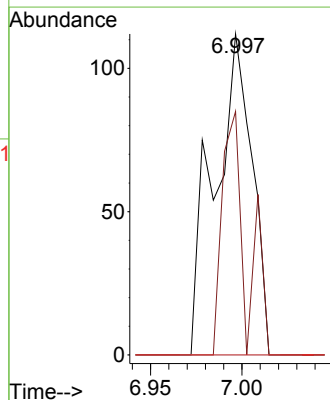
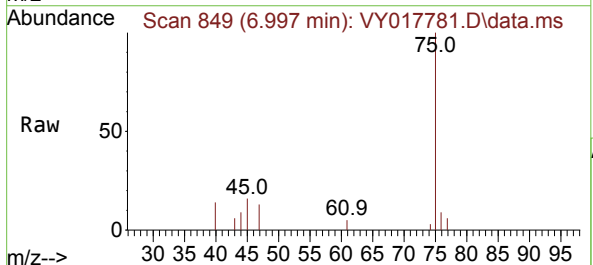
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

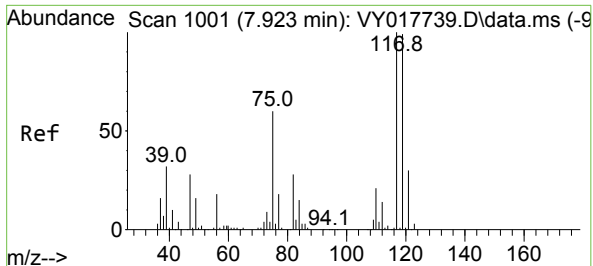
Tgt Ion: 75 Resp: 1495
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.639 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.104 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

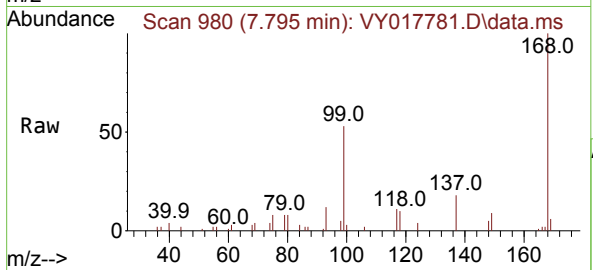
Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
61 48.4 12.6 19.0#
70 0.0 7.8 11.8#



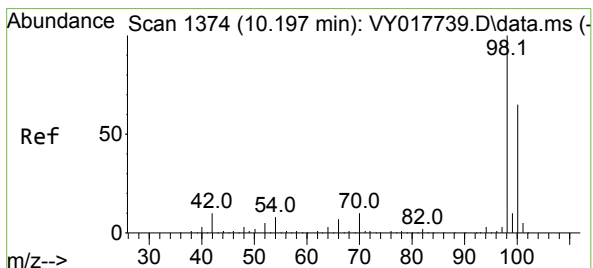
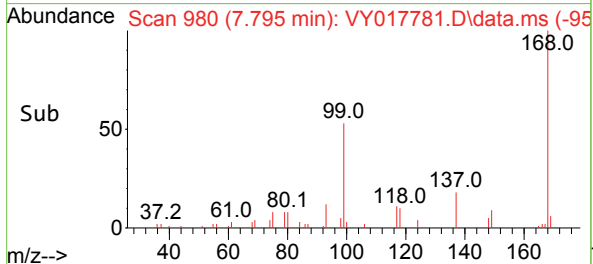
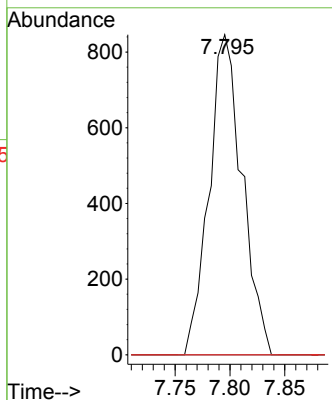


#38
Carbon Tetrachloride
Concen: 6.624 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
72-11933

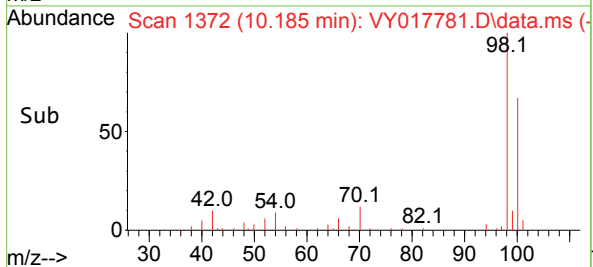
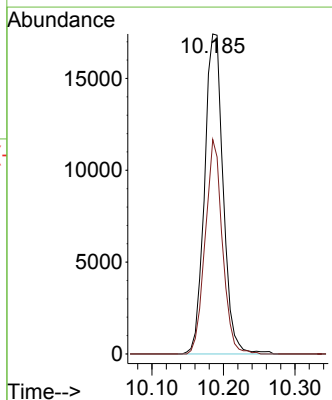
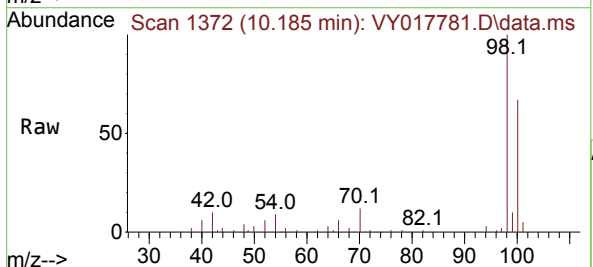


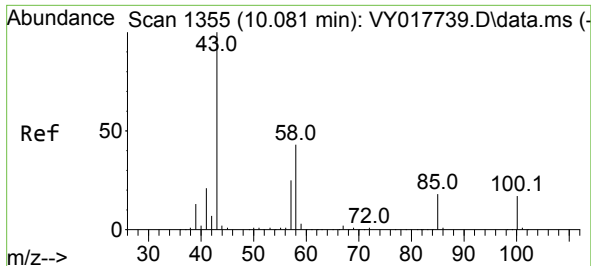
Tgt Ion:117 Resp: 1773
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.710 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.012 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion: 98 Resp: 31479
Ion Ratio Lower Upper
98 100
100 61.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 6.127 ug/l

RT: 10.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017781.D

Acq: 27 Mar 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

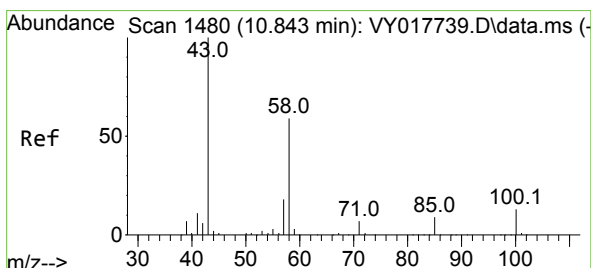
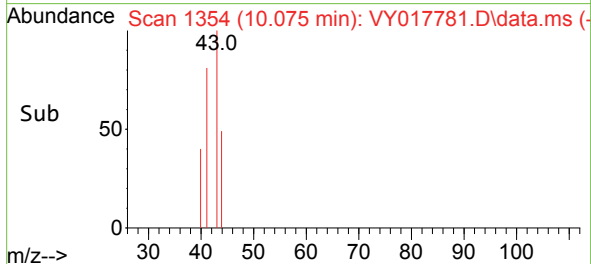
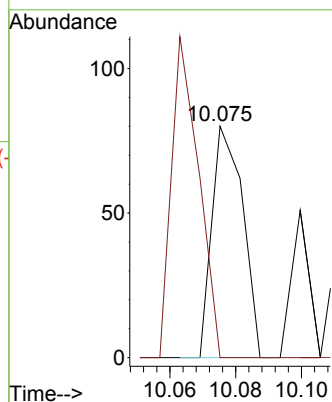
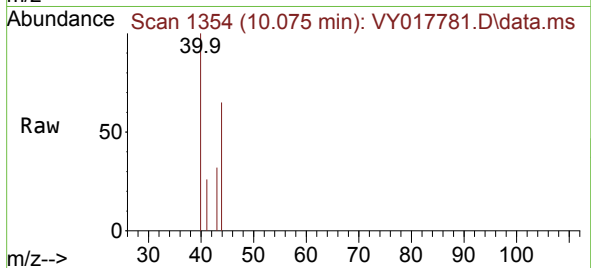
72-11933

Tgt Ion: 43 Resp: 52

Ion Ratio Lower Upper

43 100

58 121.2 35.7 53.5#



#59

2-Hexanone

Concen: 9.759 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. -0.006 min

Lab File: VY017781.D

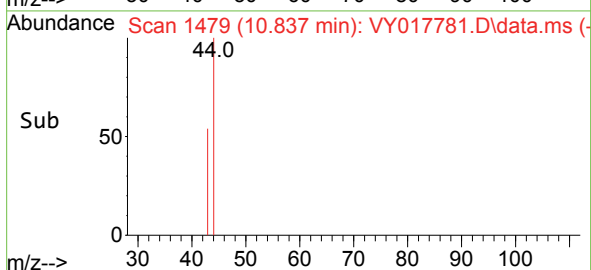
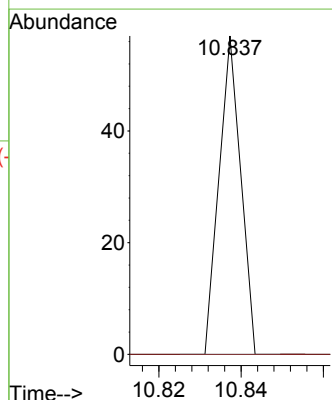
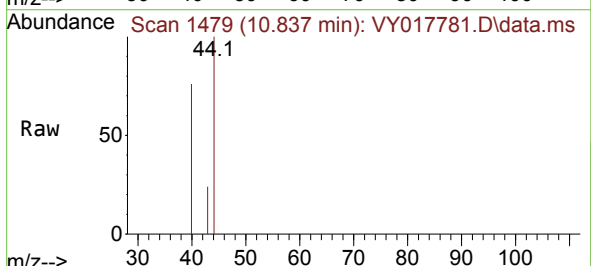
Acq: 27 Mar 2024 15:11

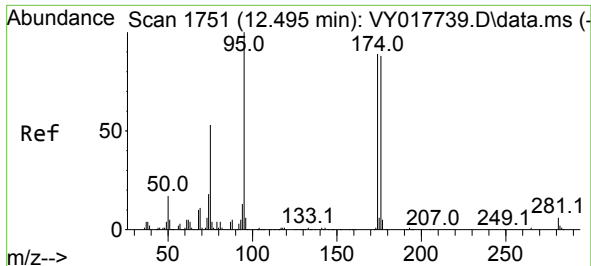
Tgt Ion: 43 Resp: 21

Ion Ratio Lower Upper

43 100

58 0.0 31.4 94.0#

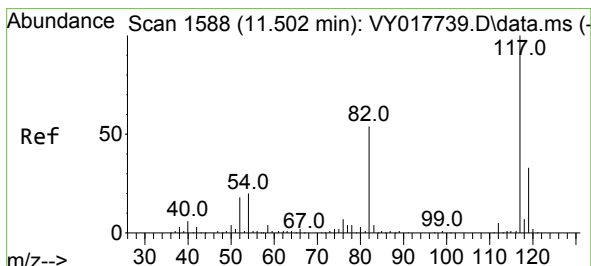
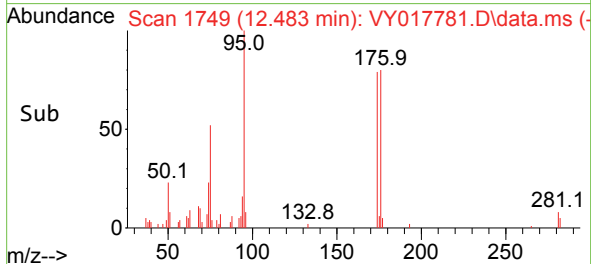
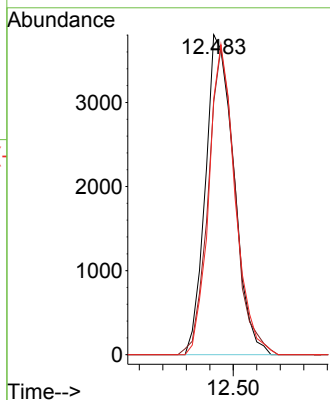
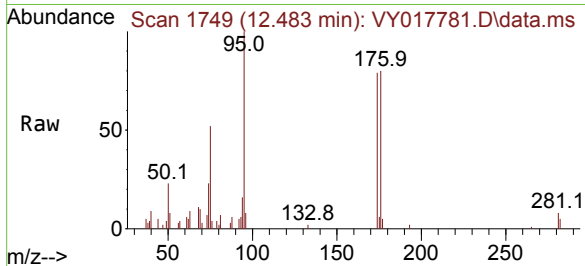




#62
4-Bromofluorobenzene
Concen: 33.583 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

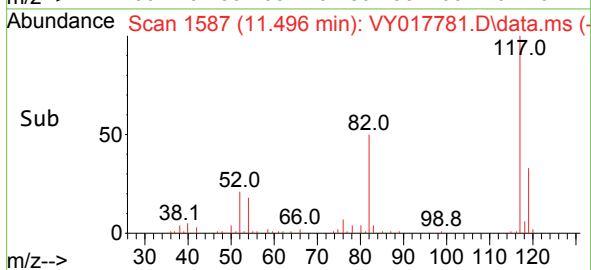
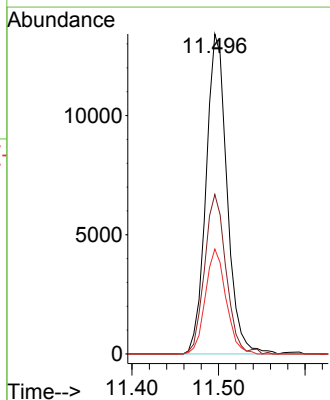
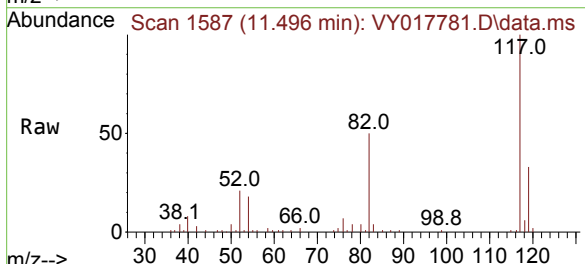
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

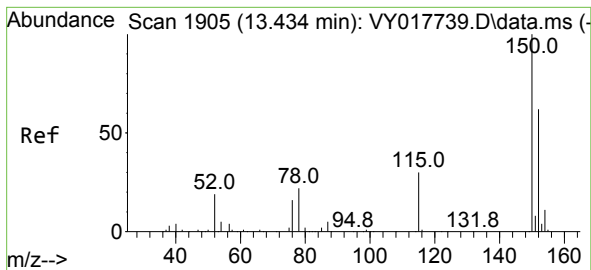
Tgt Ion: 95 Resp: 6386
Ion Ratio Lower Upper
95 100
174 91.0 0.0 175.6
176 89.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion: 117 Resp: 22604
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 32.8 25.9 38.9

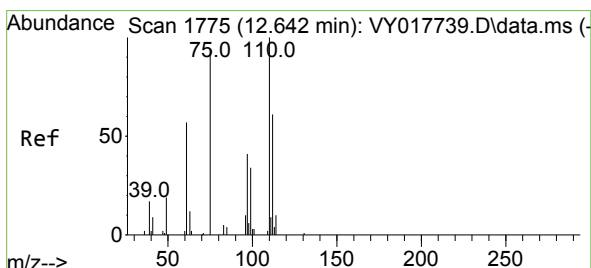
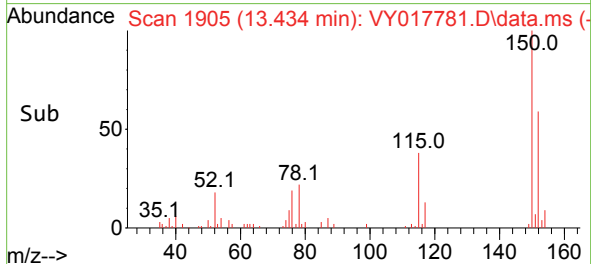
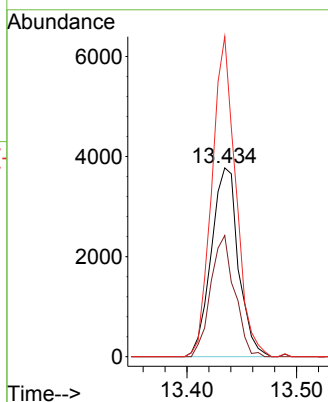
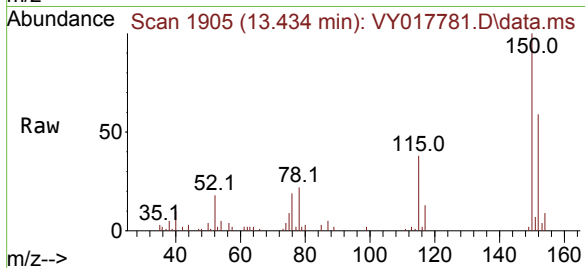




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

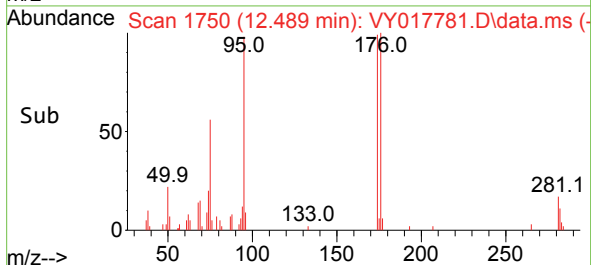
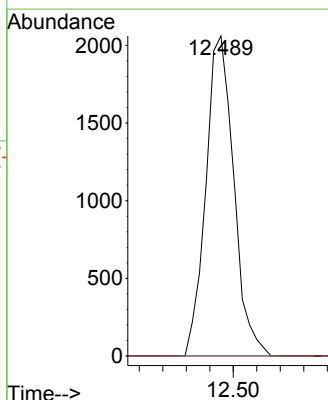
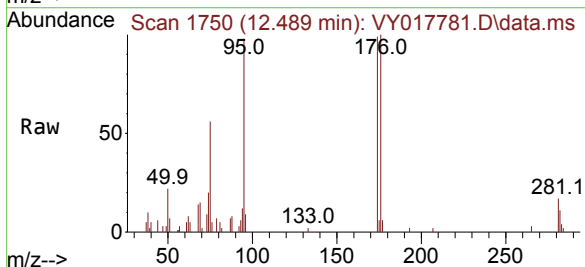
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

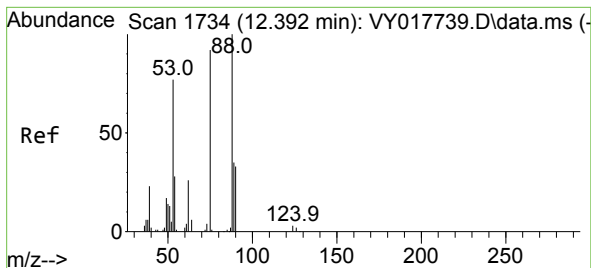
Tgt Ion:152 Resp: 6496
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 149.0 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 56.796 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion: 75 Resp: 3407
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

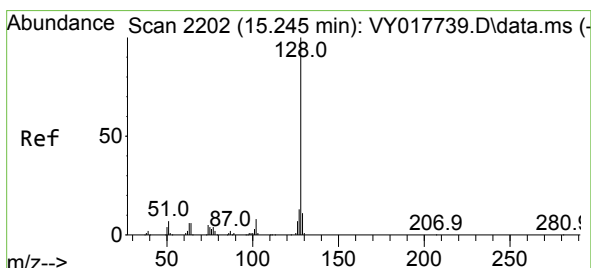
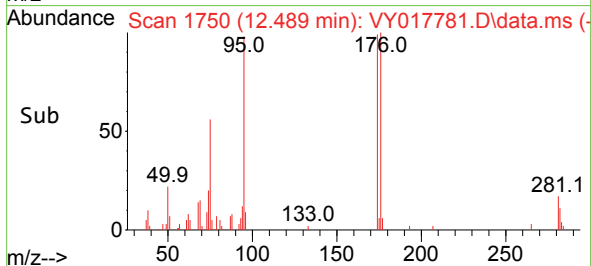
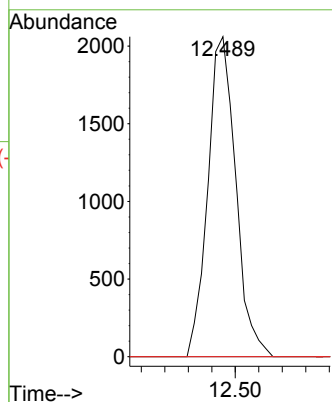
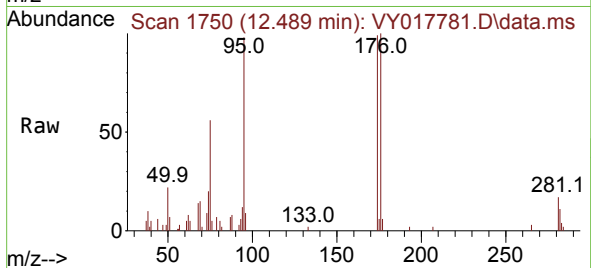




#81
trans-1,4-Dichloro-2-butene
Concen: 131.239 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.098 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
72-11933

Tgt Ion: 75 Resp: 3407
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 3.929 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion: 128 Resp: 234
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

