

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013873.D
 Acq On : 25 May 2023 15:13
 Operator : KP/MD
 Sample : 02894-04
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-50A

Quant Time: May 26 04:33:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

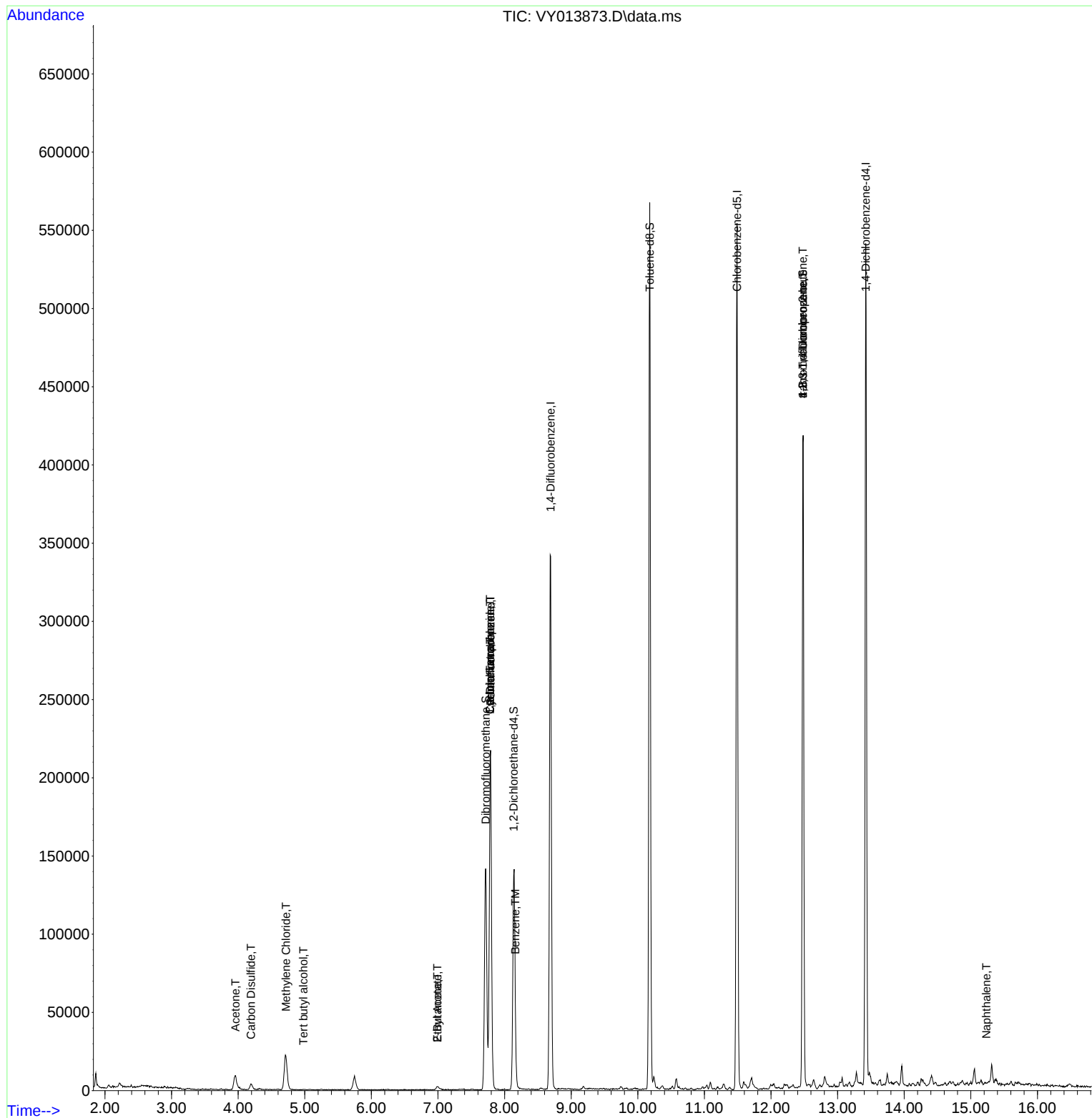
Internal Standards						
1) Pentafluorobenzene	7.789	168	168409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112546	57.765	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.540%	
35) Dibromofluoromethane	7.716	113	97208	52.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.760%	
50) Toluene-d8	10.179	98	356671	51.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	12.477	95	117841	50.745	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	257	1.722	ug/l #	73
16) Acetone	3.960	43	19084	33.002	ug/l	94
17) Carbon Disulfide	4.192	76	7249	1.474	ug/l	98
20) Methylene Chloride	4.716	84	15823	5.454	ug/l	96
25) 2-Butanone	6.990	43	4244	6.015	ug/l #	83
31) Cyclohexane	7.783	56	3857	1.288	ug/l #	4
36) 1,1-Dichloropropene	7.783	75	12707	4.539	ug/l #	51
37) Ethyl Acetate	6.990	43	4244	2.485	ug/l #	72
38) Carbon Tetrachloride	7.783	117	16698	5.244	ug/l #	16
40) Benzene	8.161	78	11514	1.432	ug/l	92
76) 1,2,3-Trichloropropane	12.477	75	64327	40.056	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64327	86.948	ug/l #	10
95) Naphthalene	15.232	128	1490	4.782	ug/l #	86

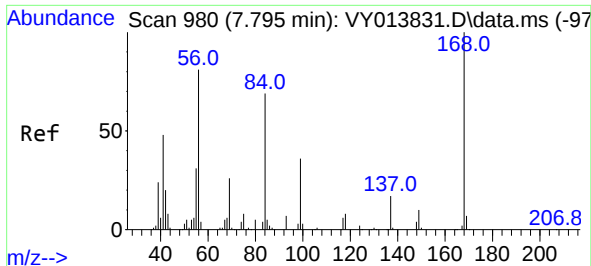
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 26 04:33:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

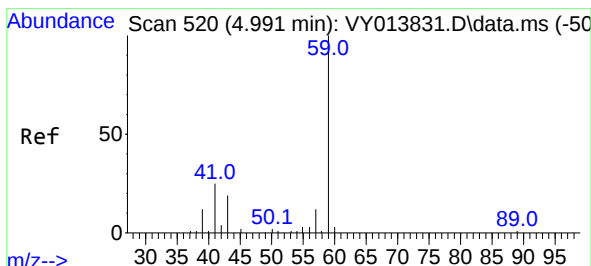
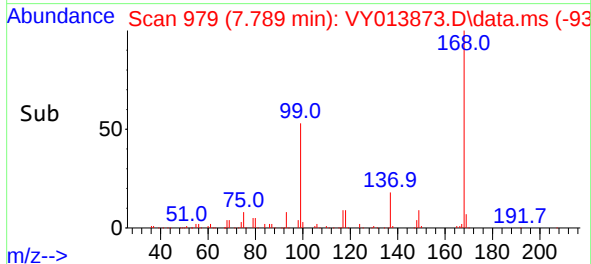
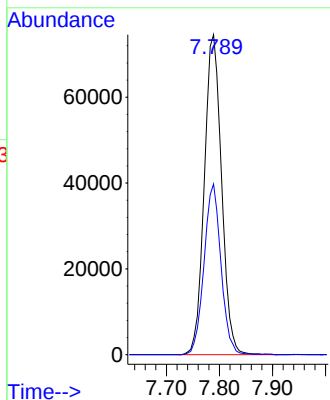
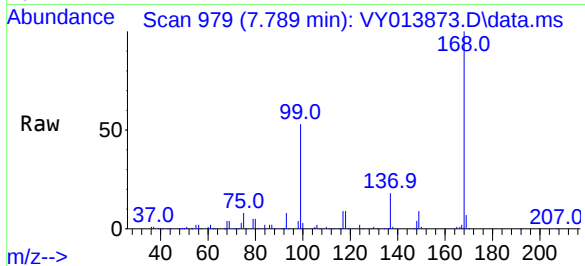




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

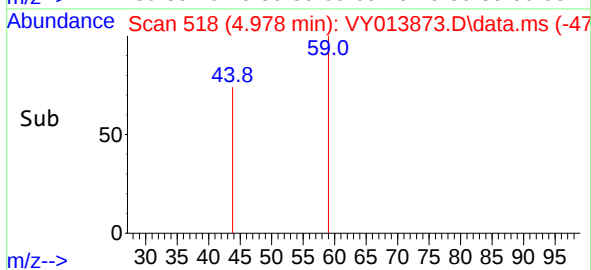
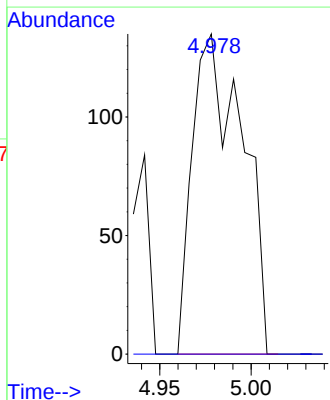
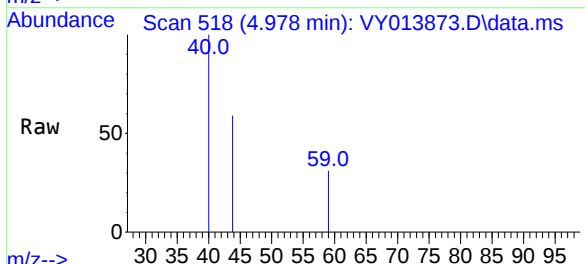
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

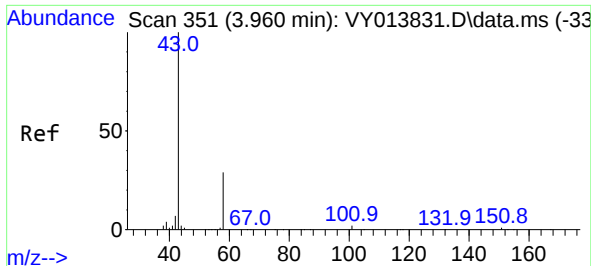
Tgt Ion:168 Resp: 168409
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.2



#11
Tert butyl alcohol
Concen: 1.722 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 59 Resp: 257
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

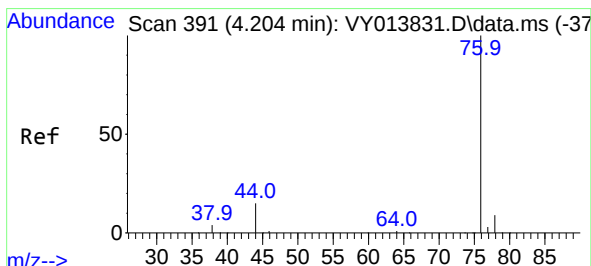
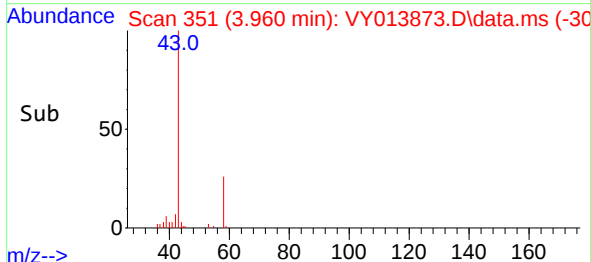
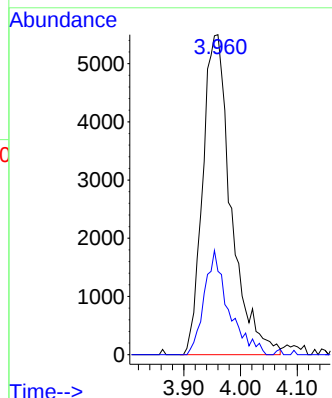
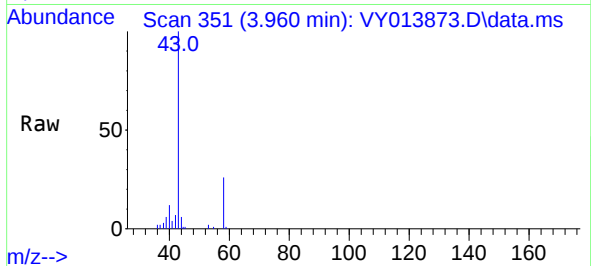




#16
Acetone
Concen: 33.002 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

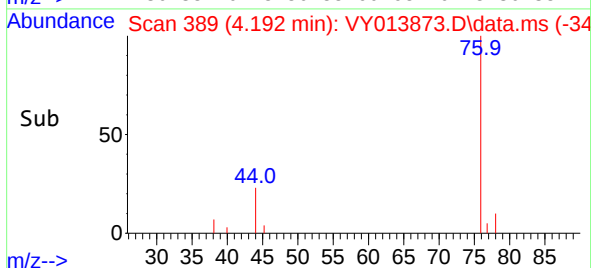
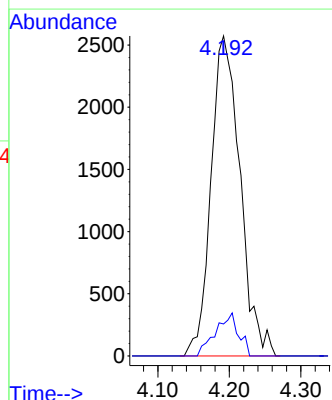
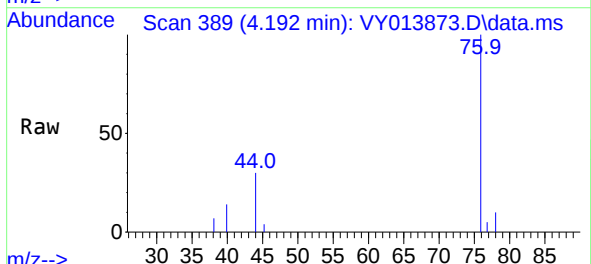
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

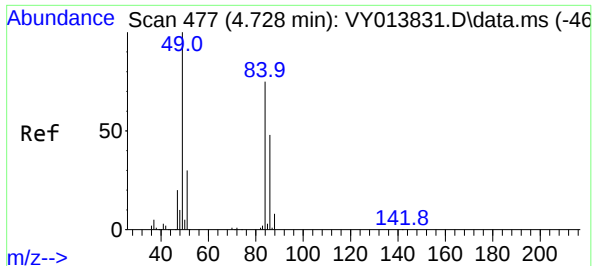
Tgt Ion: 43 Resp: 19084
Ion Ratio Lower Upper
43 100
58 26.0 23.3 34.9



#17
Carbon Disulfide
Concen: 1.474 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.012 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 76 Resp: 7249
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



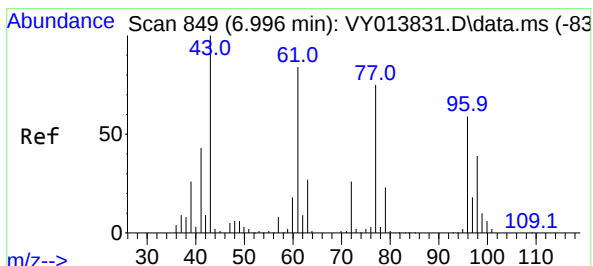
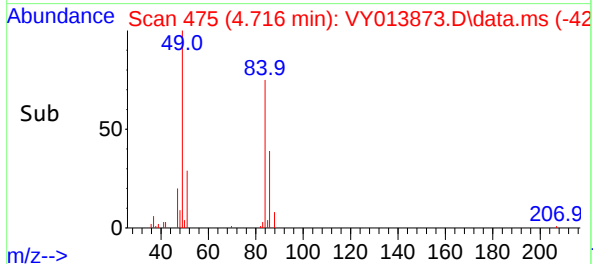
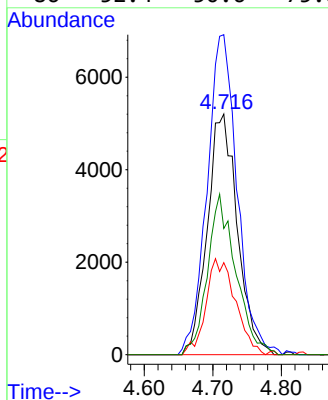
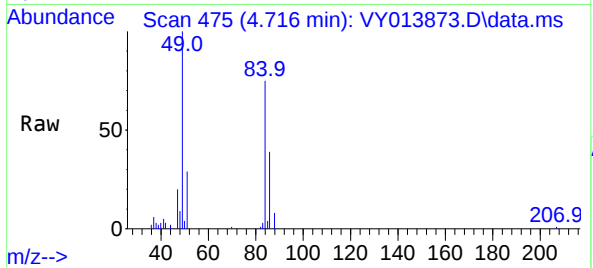


#20
Methylene Chloride
Concen: 5.454 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

Tgt Ion: 84 Resp: 15823

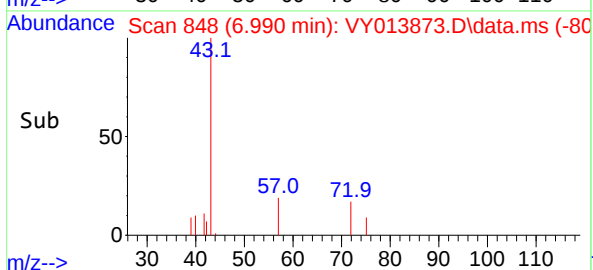
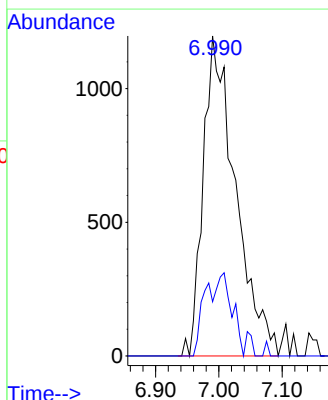
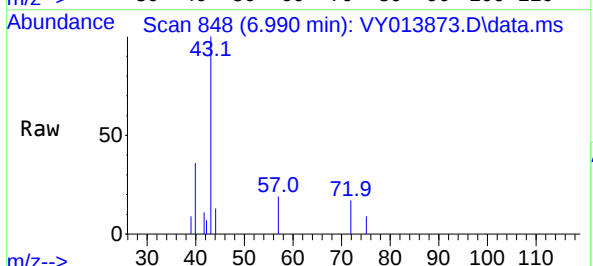
Ion	Ratio	Lower	Upper
84	100		
49	133.0	106.2	159.2
51	38.2	31.4	47.0
86	52.4	50.6	75.8

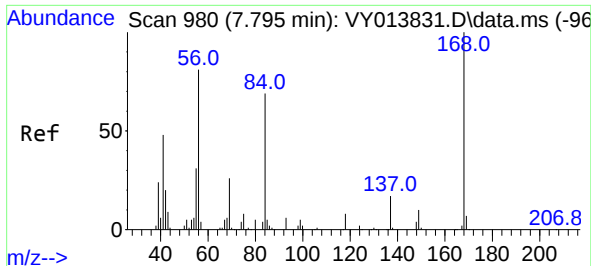


#25
2-Butanone
Concen: 6.015 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 43 Resp: 4244

Ion	Ratio	Lower	Upper
43	100		
72	17.0	20.5	30.7#

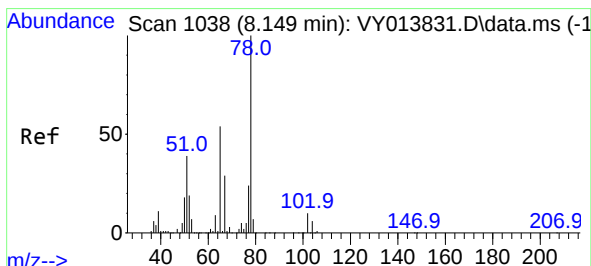
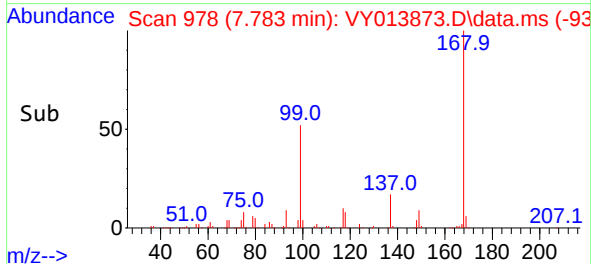
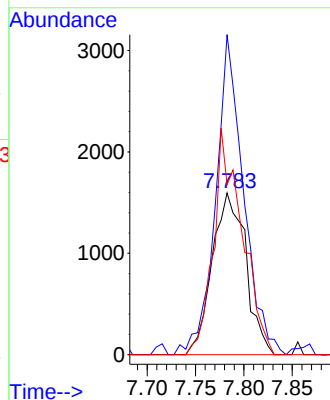
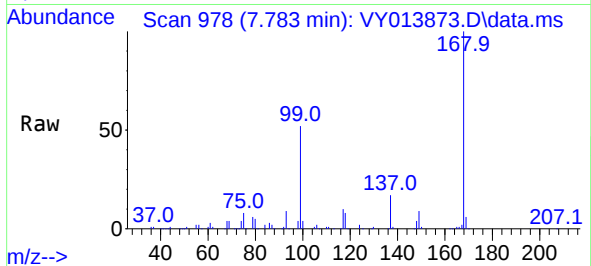




#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

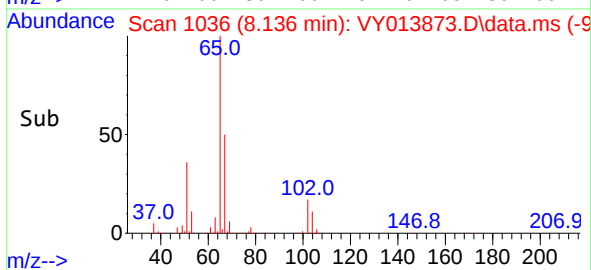
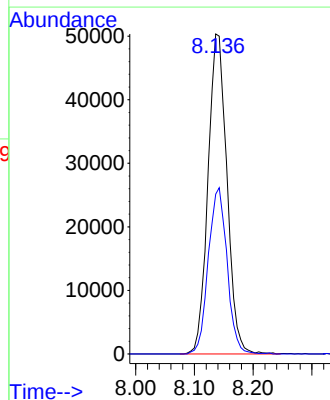
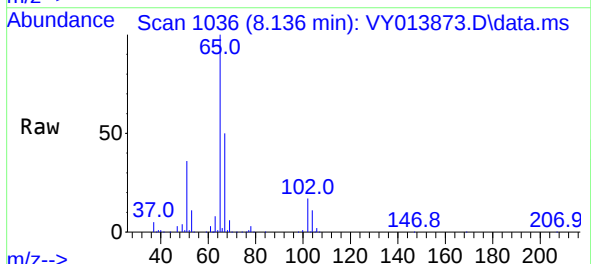
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

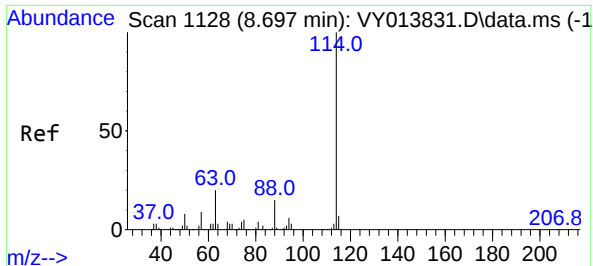
Tgt Ion: 56 Resp: 3857
Ion Ratio Lower Upper
56 100
69 194.6 25.8 38.8#
84 105.2 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 57.765 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 65 Resp: 112546
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013873.D

Acq: 25 May 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-50A

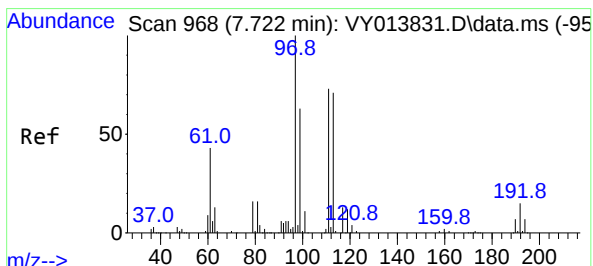
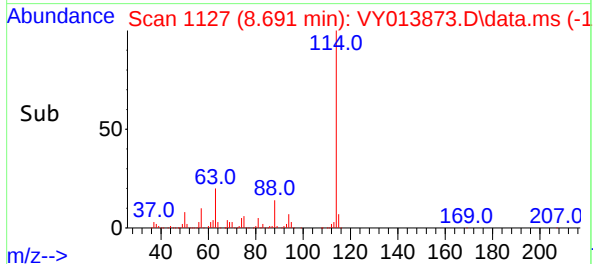
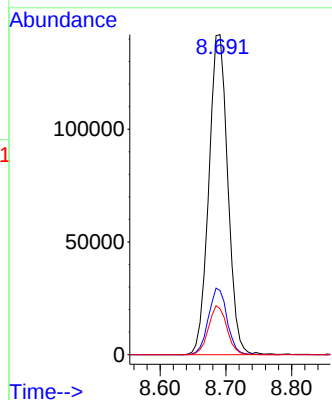
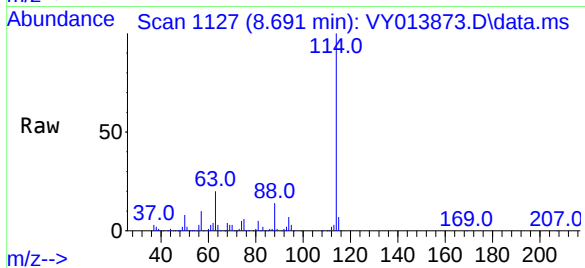
Tgt Ion:114 Resp: 284629

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 14.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.884 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013873.D

Acq: 25 May 2023 15:13

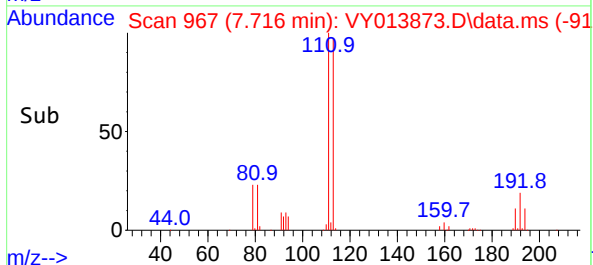
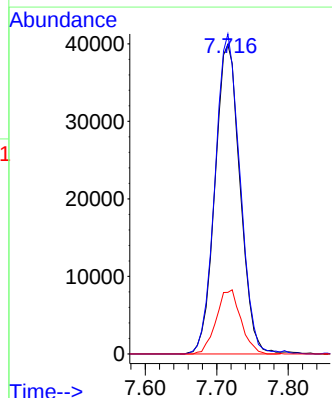
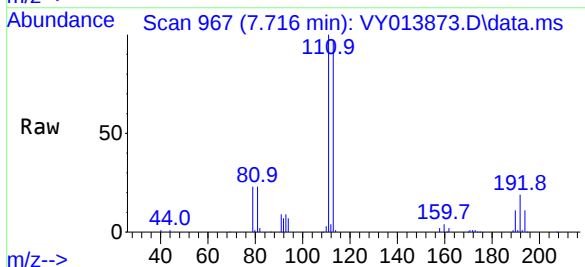
Tgt Ion:113 Resp: 97208

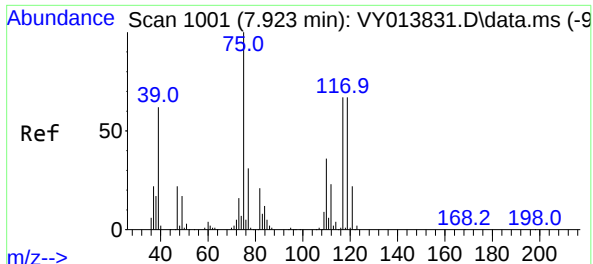
Ion Ratio Lower Upper

113 100

111 103.1 80.4 120.6

192 20.3 16.6 25.0

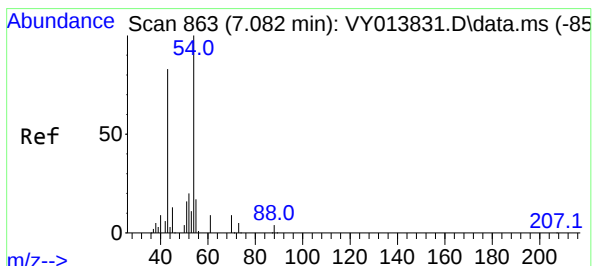
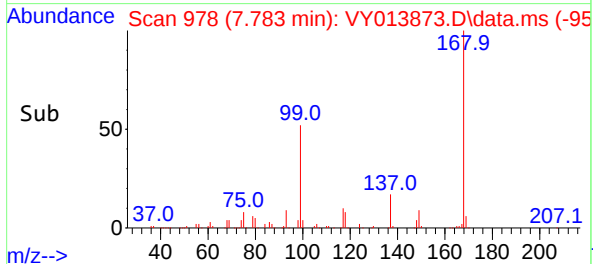
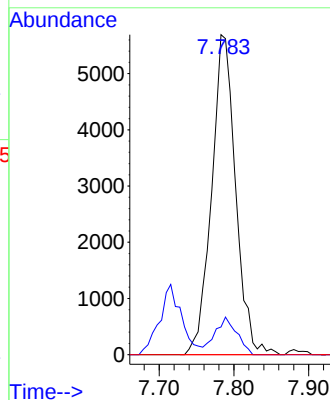
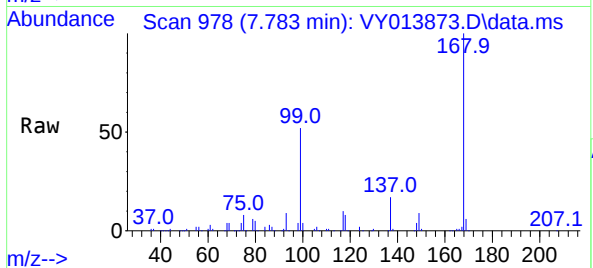




#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

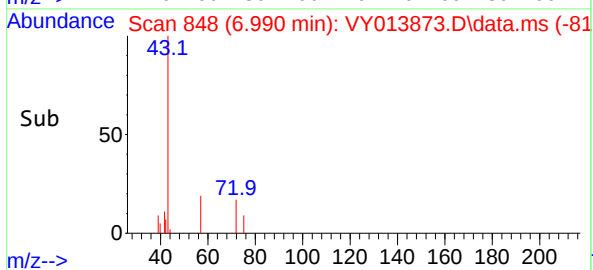
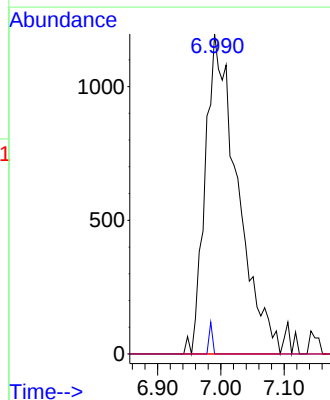
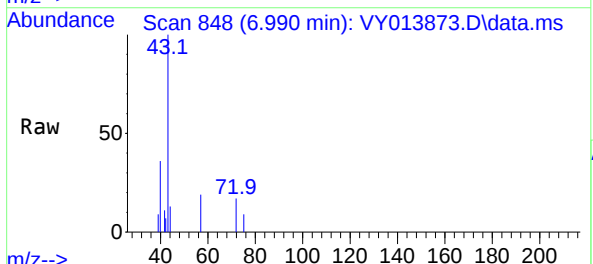
Instrument :
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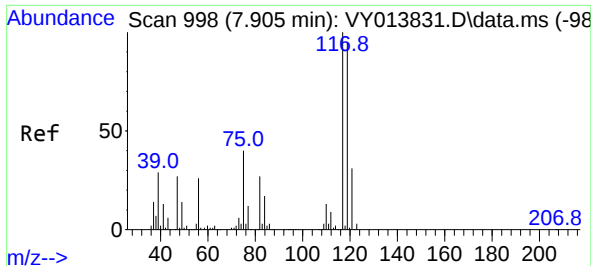
Tgt Ion: 75 Resp: 12707
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.6#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.485 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.092 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

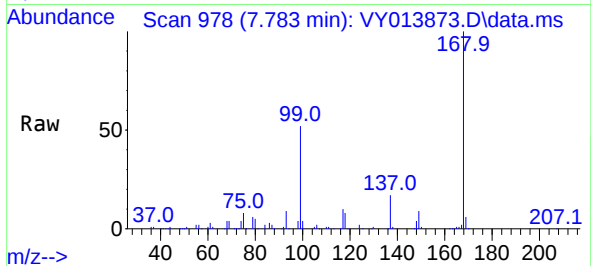
Tgt Ion: 43 Resp: 4244
Ion Ratio Lower Upper
43 100
61 1.0 10.5 15.7#
70 0.0 6.9 10.3#



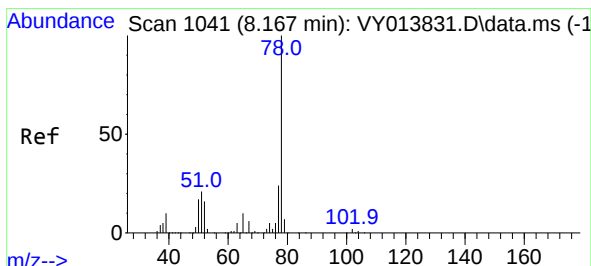
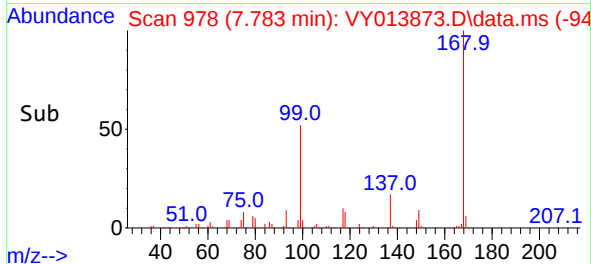
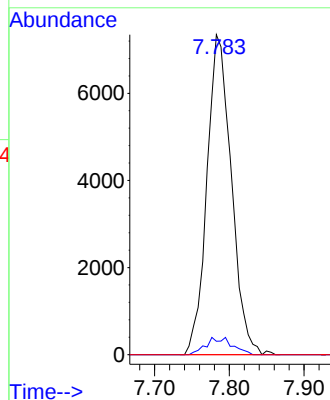


#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

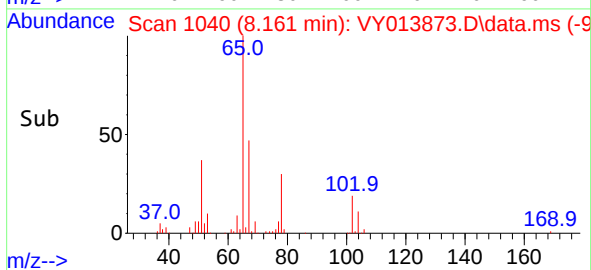
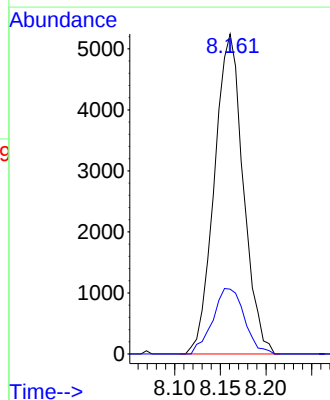
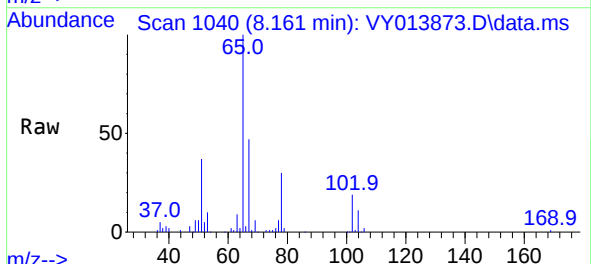


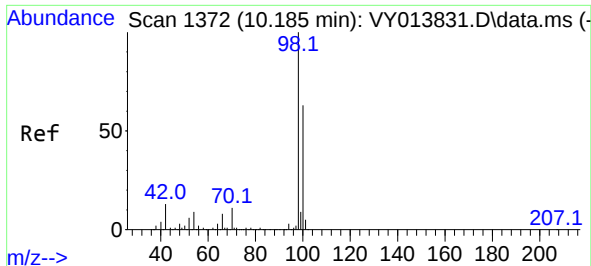
Tgt Ion:117 Resp: 16698
Ion Ratio Lower Upper
117 100
119 4.2 75.6 113.4#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 1.432 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 78 Resp: 11514
Ion Ratio Lower Upper
78 100
77 20.2 19.5 29.3

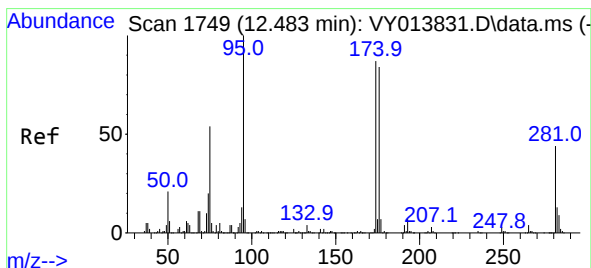
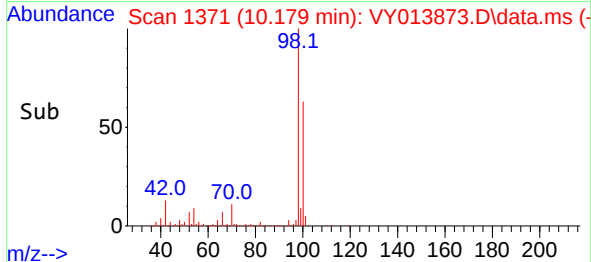
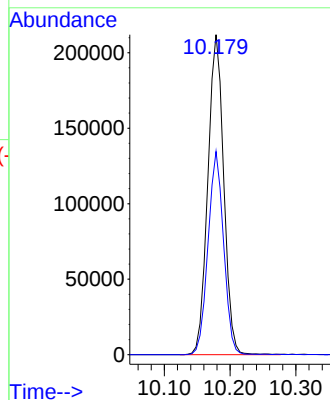
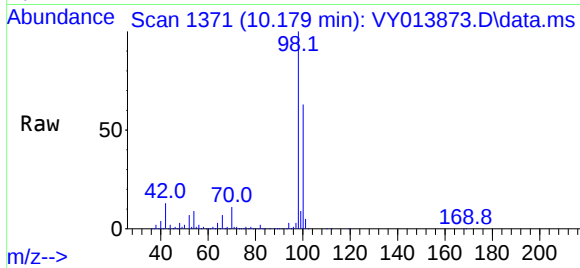




#50
Toluene-d8
Concen: 51.054 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

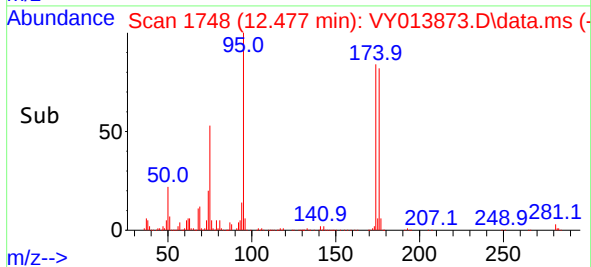
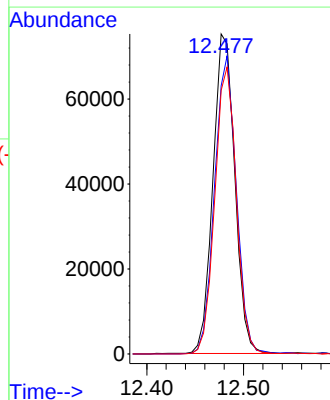
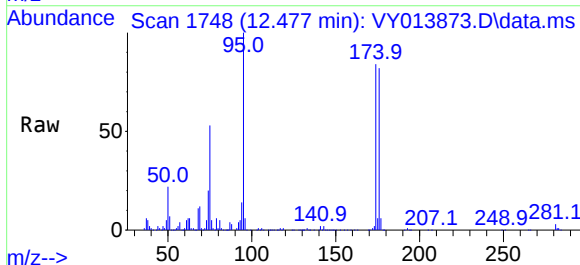
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

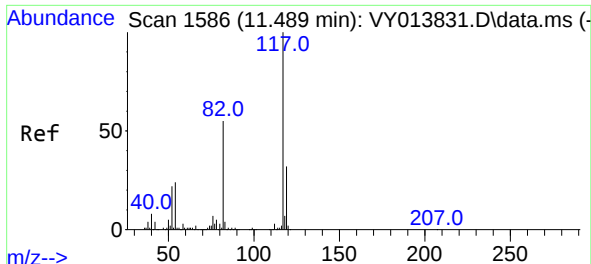
Tgt Ion: 98 Resp: 356671
Ion Ratio Lower Upper
98 100
100 62.1 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 50.745 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 95 Resp: 117841
Ion Ratio Lower Upper
95 100
174 92.9 0.0 176.0
176 88.6 0.0 170.2

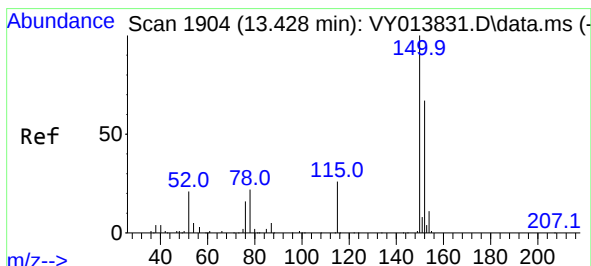
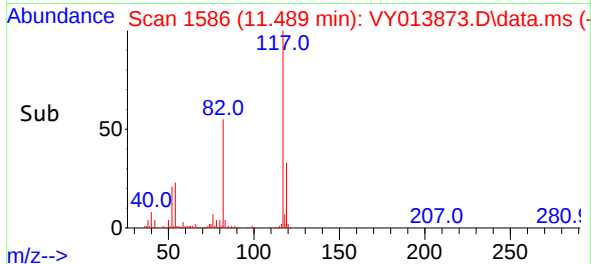
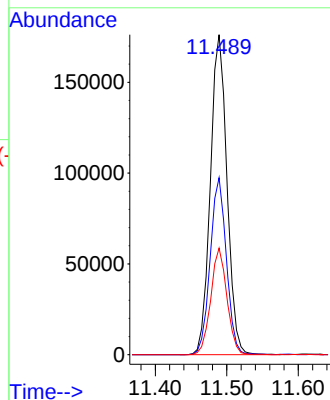
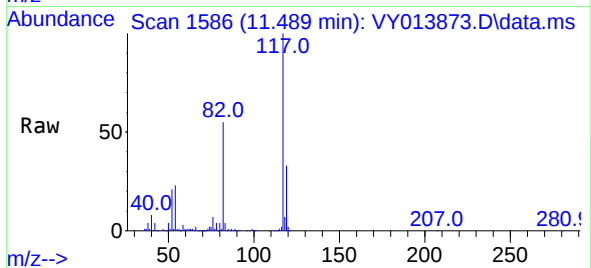




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

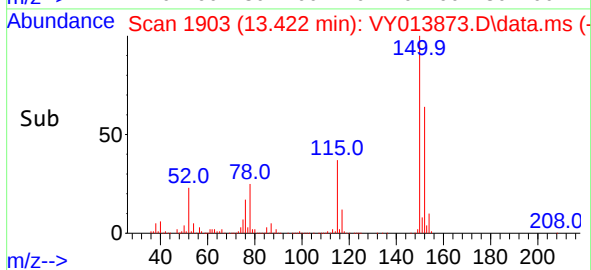
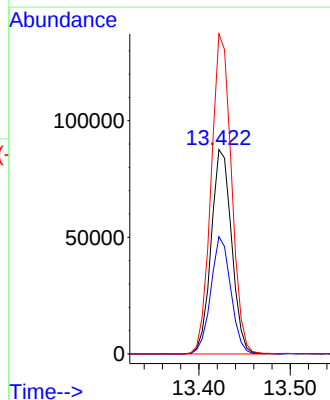
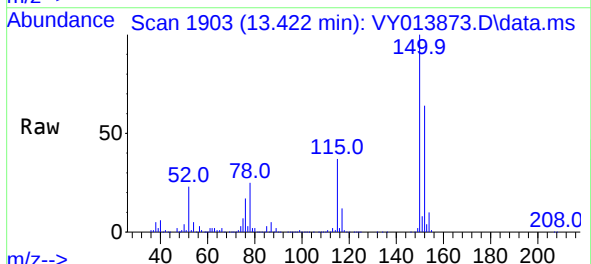
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

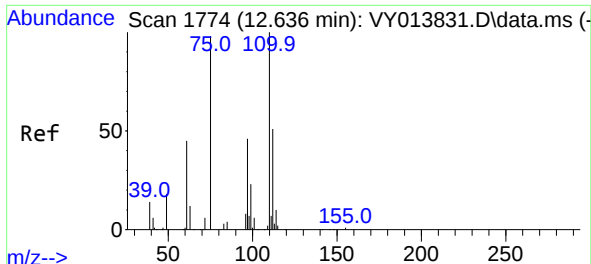
Tgt Ion:117 Resp: 284253
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion:152 Resp: 136197
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 155.7 0.0 353.4

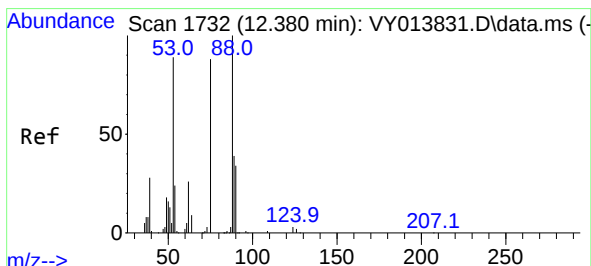
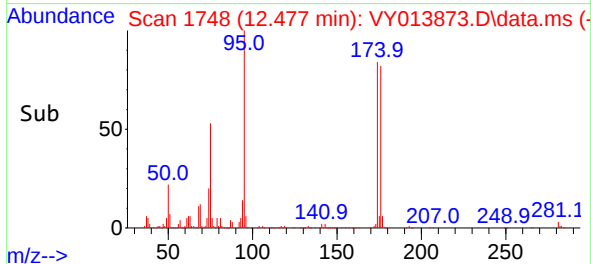
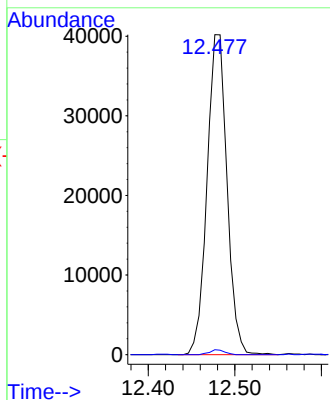
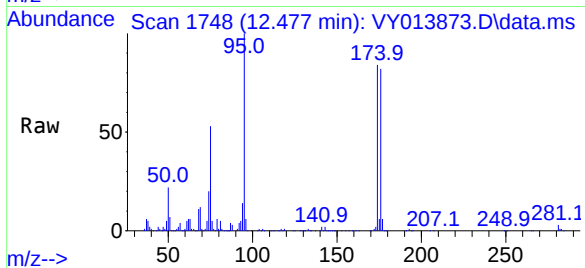




#76
1,2,3-Trichloropropane
Concen: 40.056 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

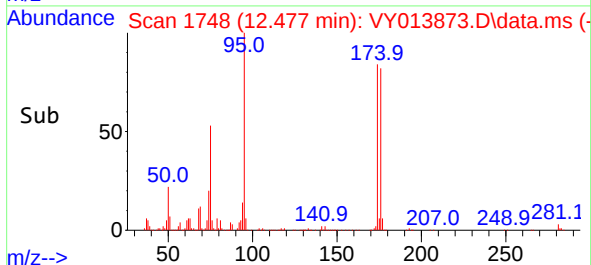
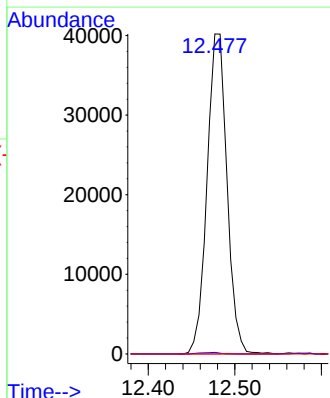
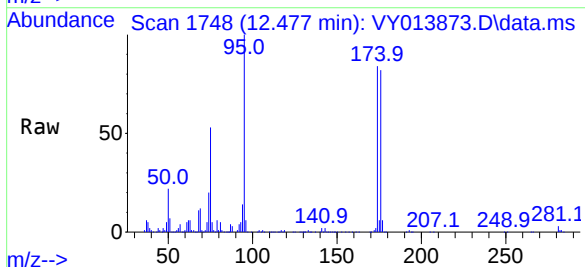
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

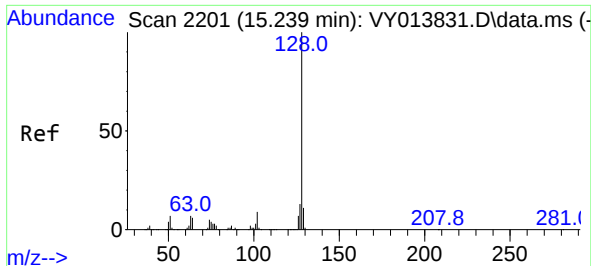
Tgt Ion: 75 Resp: 64327
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.948 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 75 Resp: 64327
Ion Ratio Lower Upper
75 100
53 0.5 79.7 119.5#
89 0.1 36.4 54.6#





#95

Naphthalene

Concen: 4.782 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.007 min

Lab File: VY013873.D

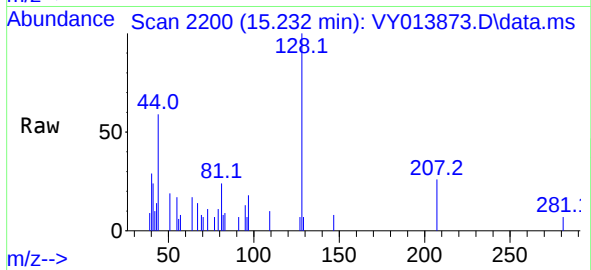
Acq: 25 May 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-50A



Tgt Ion:128 Resp: 1490

Ion Ratio Lower Upper

128 100

127 8.5 10.7 16.1#

129 4.9 9.0 13.4#

