

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009917.D
 Acq On : 09 Aug 2022 14:11
 Operator : KP/MD
 Sample : N4091-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164717

Quant Time: Aug 09 23:05:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

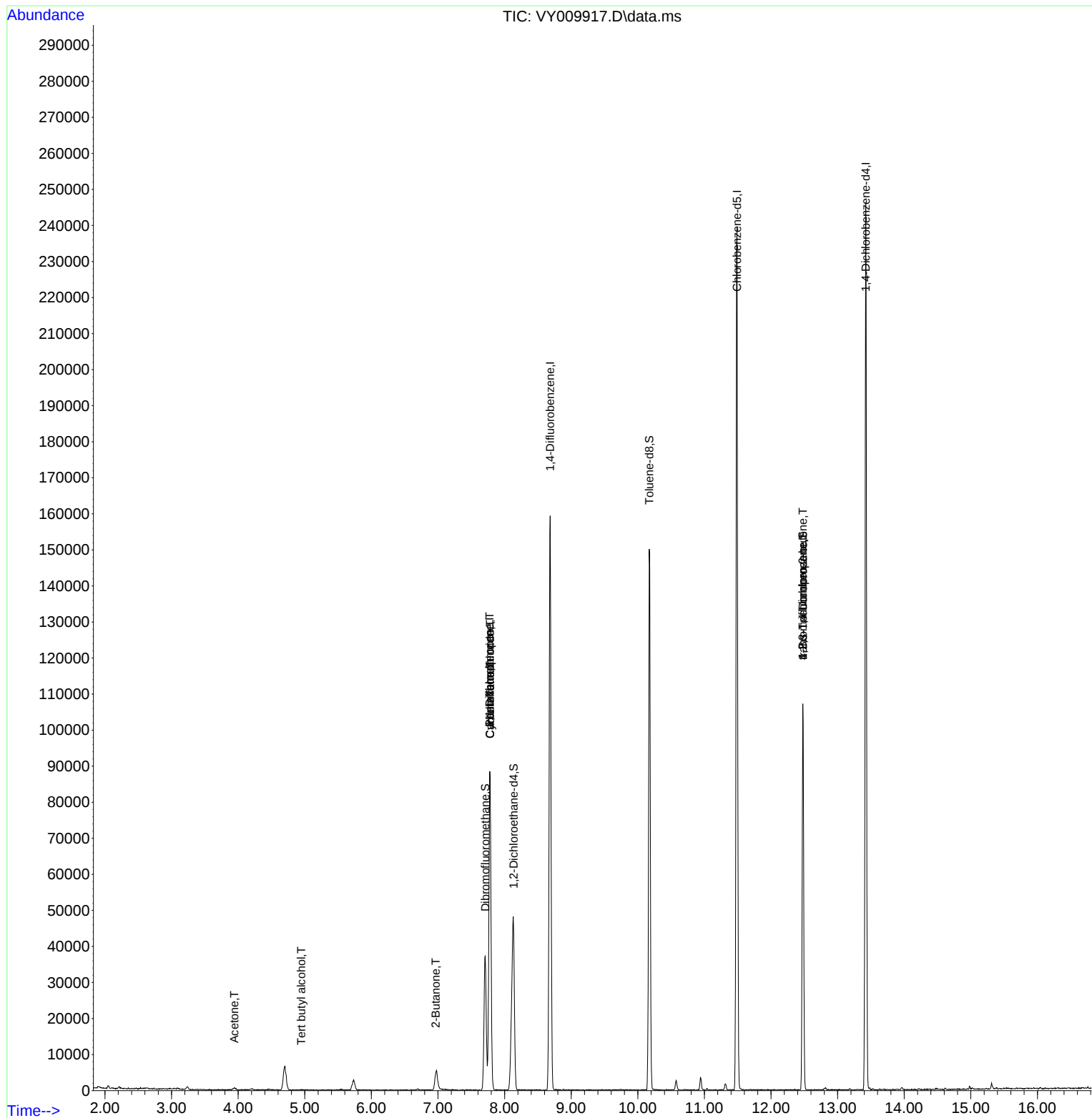
Internal Standards						
1) Pentafluorobenzene	7.777	168	65769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	133222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28967	57.073	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.140%			
35) Dibromofluoromethane	7.710	113	26331	36.410	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 72.820%			
50) Toluene-d8	10.173	98	96494	43.123	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.240%			
62) 4-Bromofluorobenzene	12.477	95	32377	32.063	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 64.120%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.948	59	81	1.086	ug/l #	78
16) Acetone	3.942	43	1114	6.005	ug/l #	86
18) Methyl Acetate	4.472	43	303	Below Cal	#	52
20) Methylene Chloride	4.698	84	4789	Below Cal		89
25) 2-Butanone	6.966	43	346	1.133	ug/l #	48
31) Cyclohexane	7.783	56	1448	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	5331	4.369	ug/l #	48
38) Carbon Tetrachloride	7.783	117	6558	5.415	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	16634	26.010	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16634	52.586	ug/l #	13

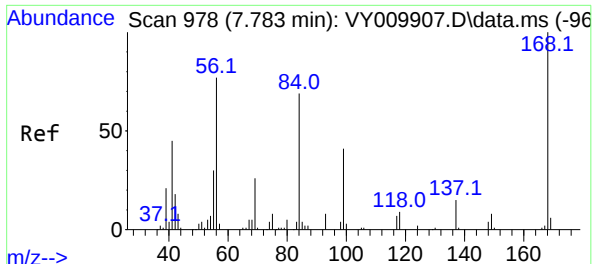
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration

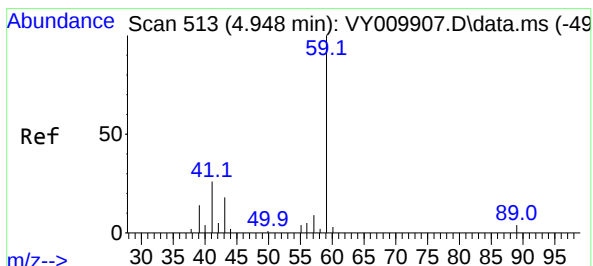
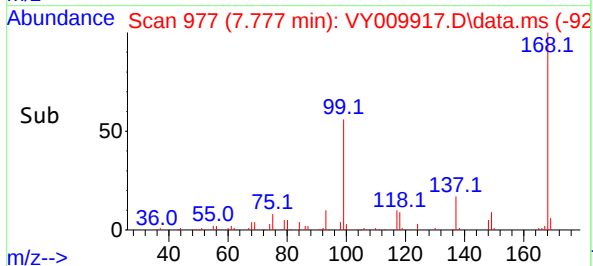
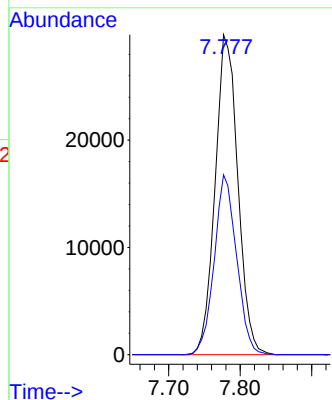
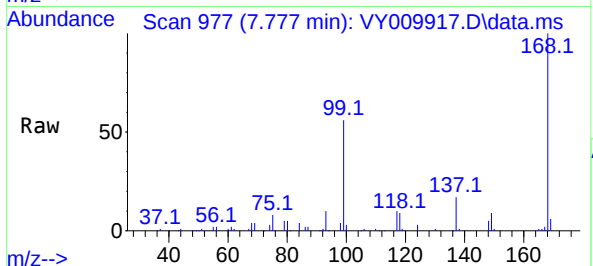




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

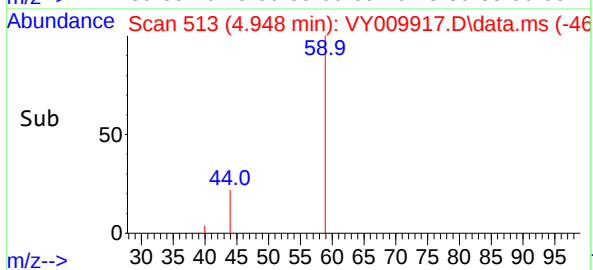
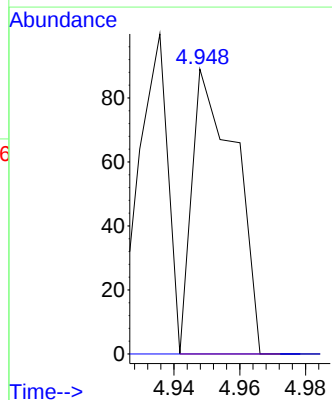
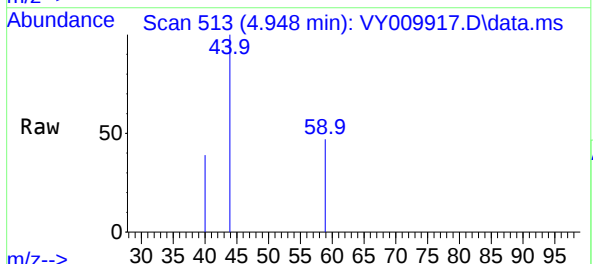
Instrument :
MSVOA_Y
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PSC-164717

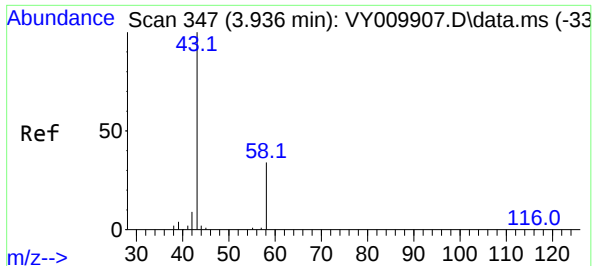
Tgt Ion:168 Resp: 65769
Ion Ratio Lower Upper
168 100
99 56.2 42.1 63.1



#11
Tert butyl alcohol
Concen: 1.086 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion: 59 Resp: 81
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

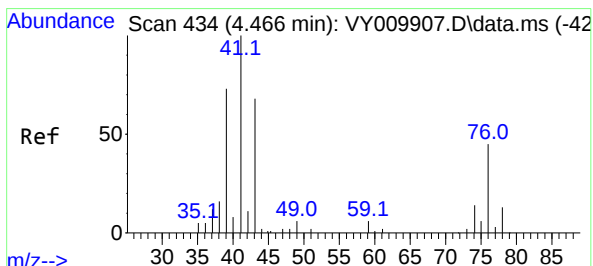
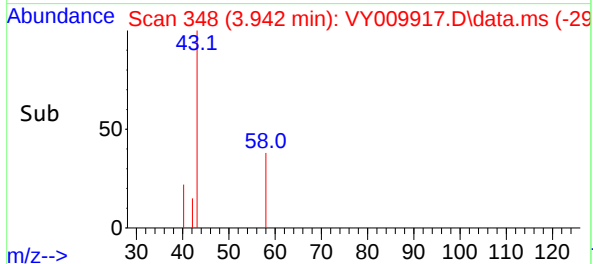
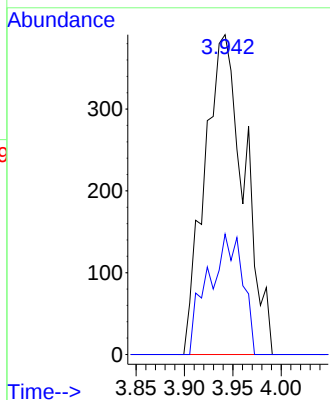
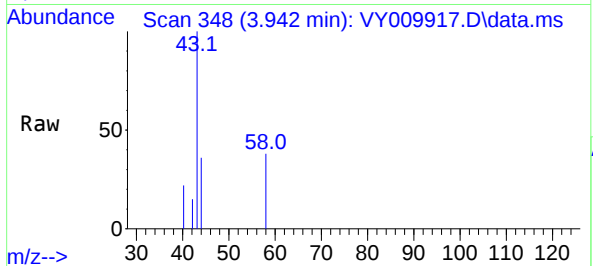




#16
Acetone
Concen: 6.005 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

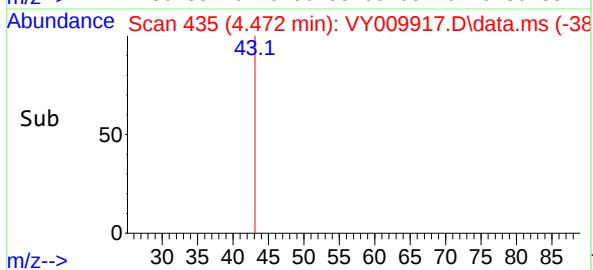
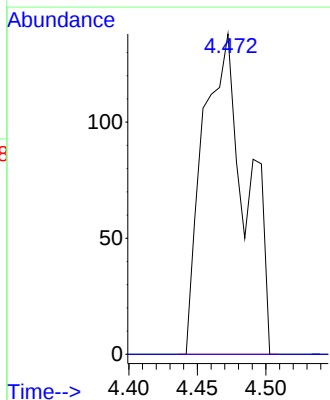
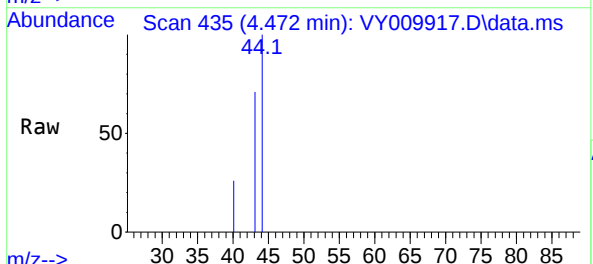
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

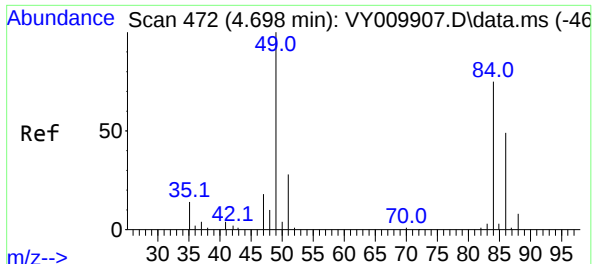
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 37.6 24.0 36.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



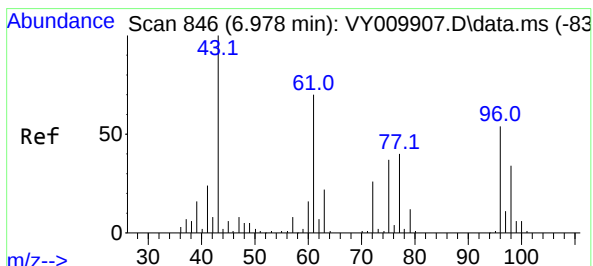
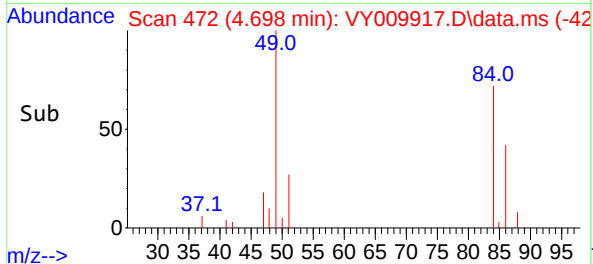
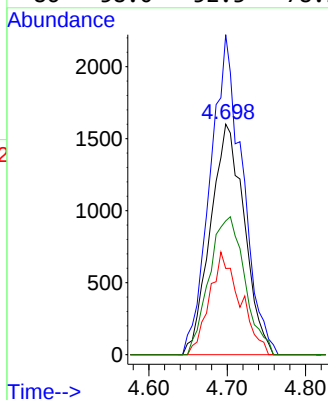
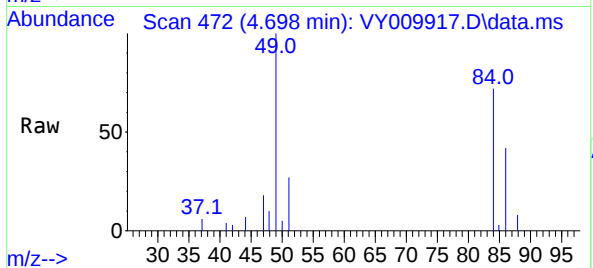


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

Tgt Ion: 84 Resp: 4789

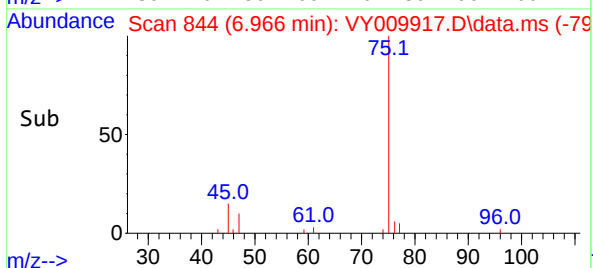
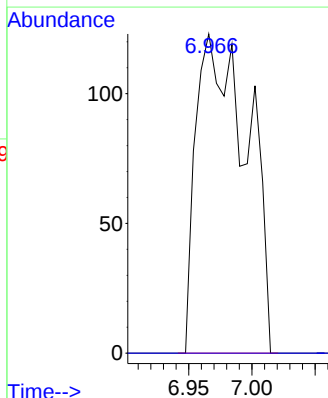
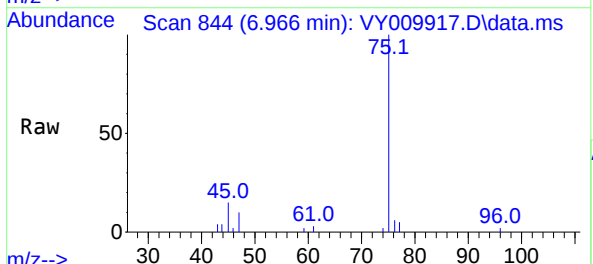
Ion	Ratio	Lower	Upper
84	100		
49	138.8	98.2	147.4
51	37.4	33.4	50.0
86	58.0	52.3	78.5

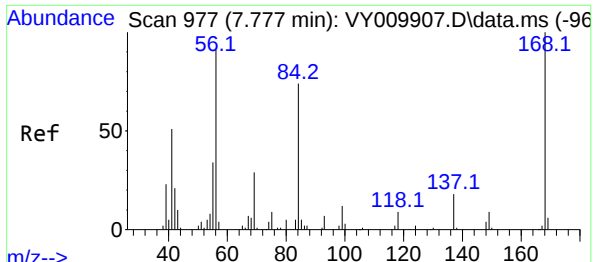


#25
2-Butanone
Concen: 1.133 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion: 43 Resp: 346

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#

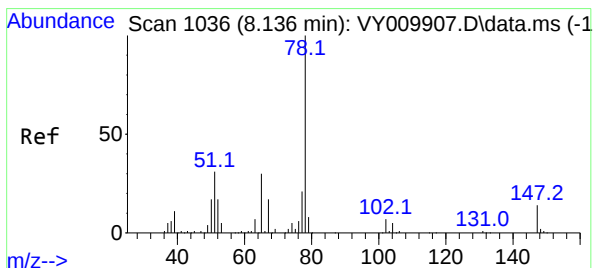
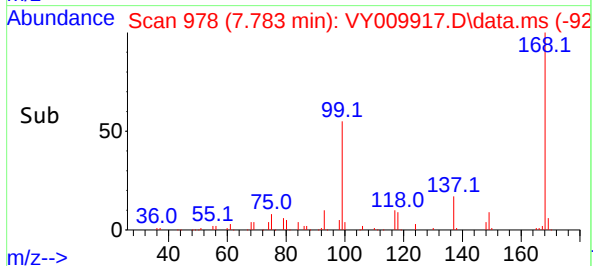
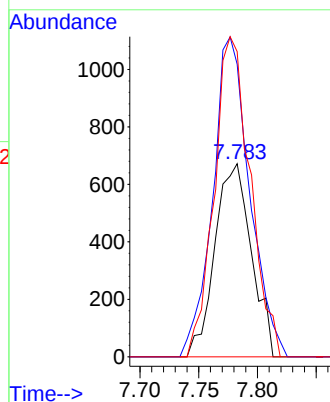
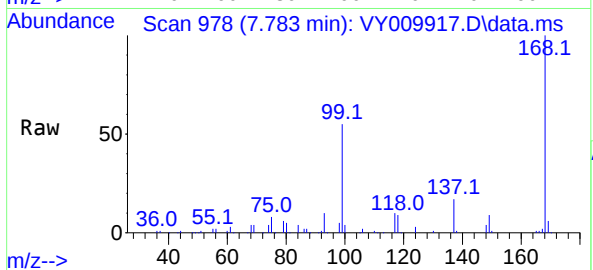




#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

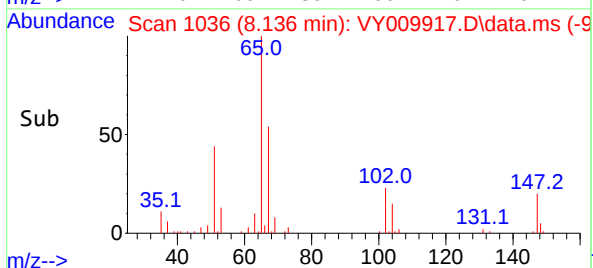
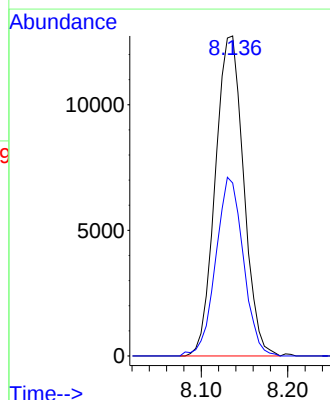
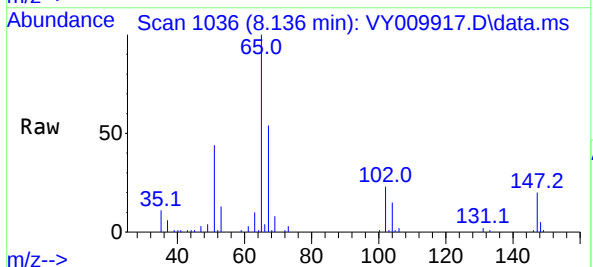
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

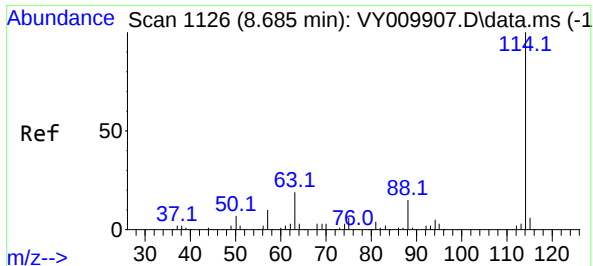
Tgt Ion: 56 Resp: 1448
Ion Ratio Lower Upper
56 100
69 151.5 26.0 39.0#
84 158.0 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 57.073 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion: 65 Resp: 28967
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009917.D

Acq: 09 Aug 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

PSC-164717

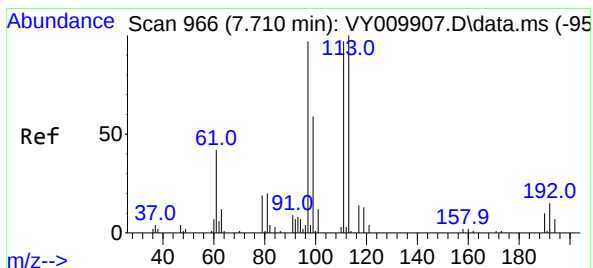
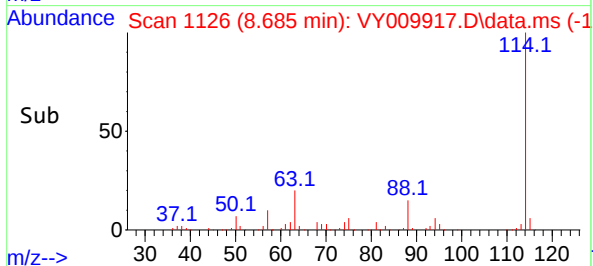
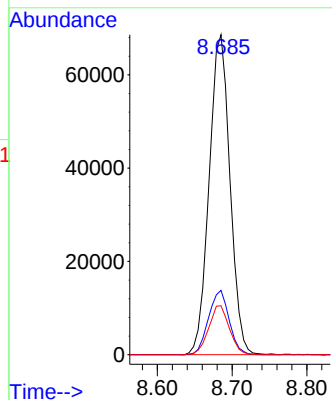
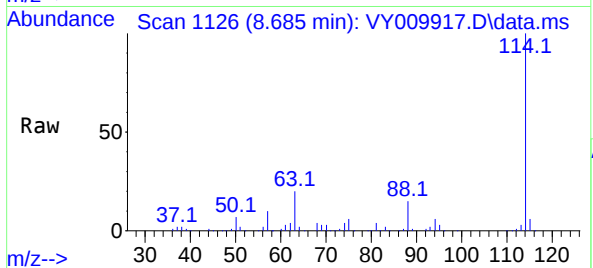
Tgt Ion:114 Resp: 133222

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 36.410 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009917.D

Acq: 09 Aug 2022 14:11

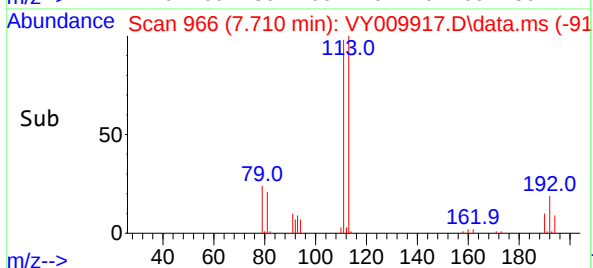
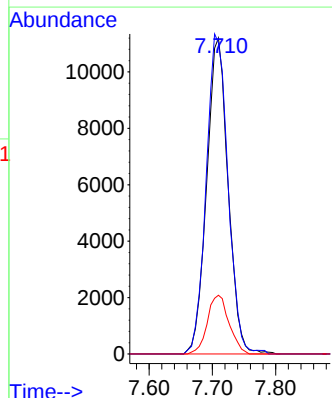
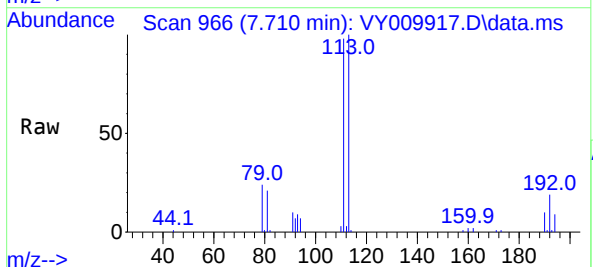
Tgt Ion:113 Resp: 26331

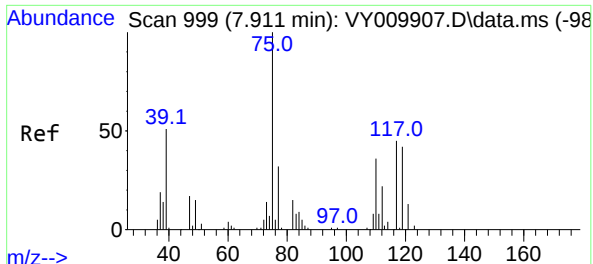
Ion Ratio Lower Upper

113 100

111 103.0 80.6 120.8

192 18.8 16.2 24.4

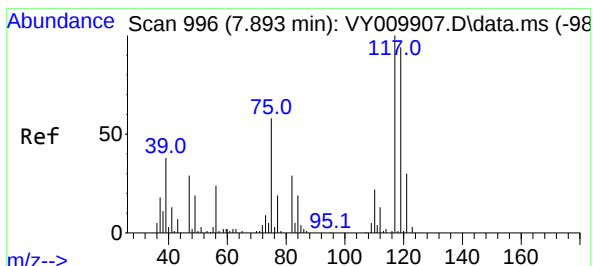
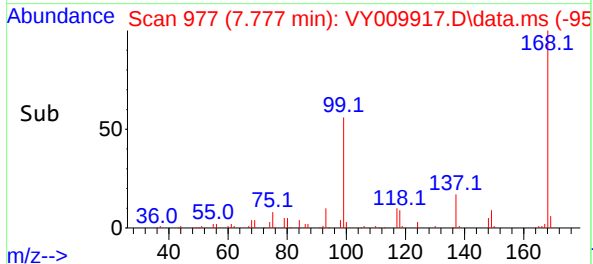
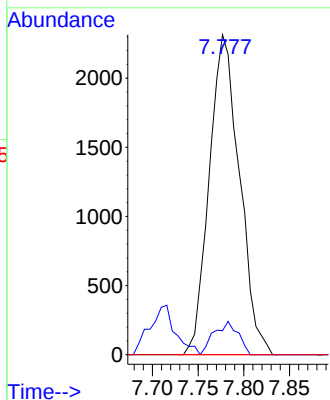
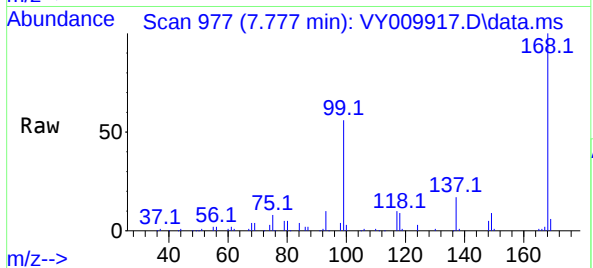




#36
1,1-Dichloropropene
Concen: 4.369 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

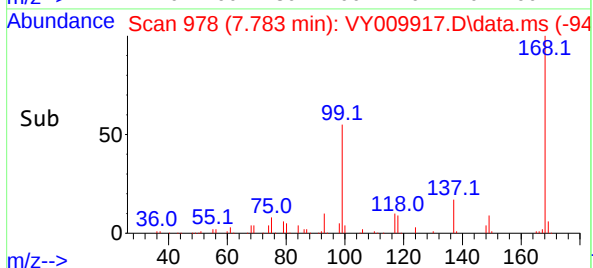
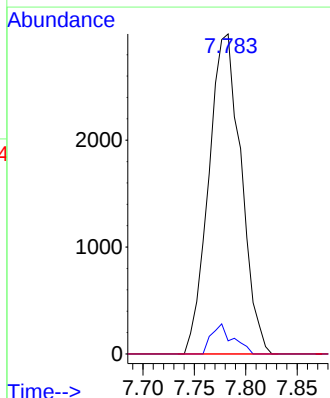
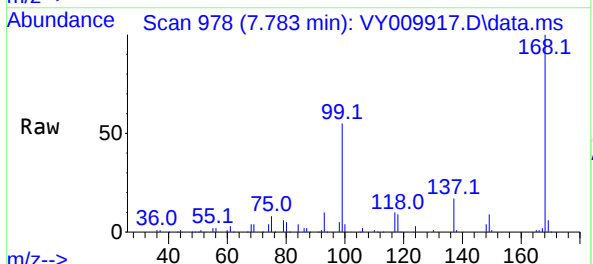
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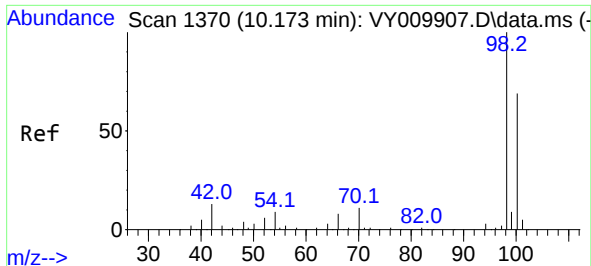
Tgt Ion: 75 Resp: 5331
Ion Ratio Lower Upper
75 100
110 8.3 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion: 117 Resp: 6558
Ion Ratio Lower Upper
117 100
119 4.1 75.9 113.9#
121 0.0 24.9 37.3#

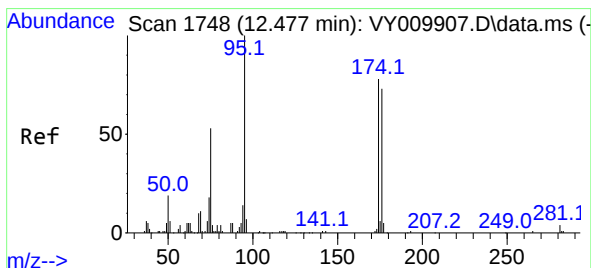
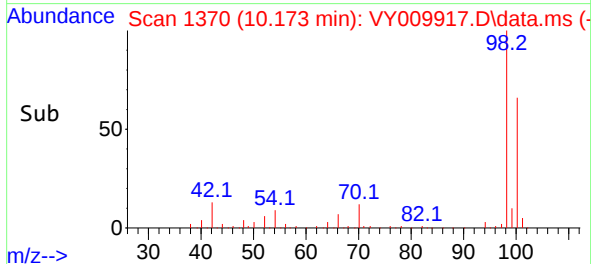
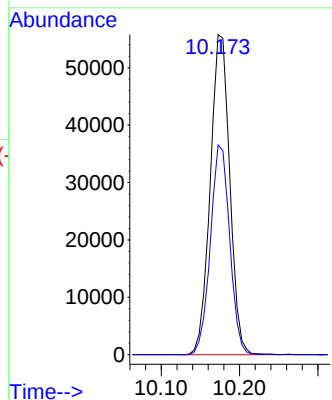
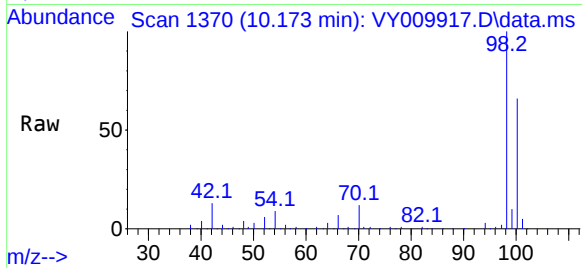




#50
Toluene-d8
Concen: 43.123 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

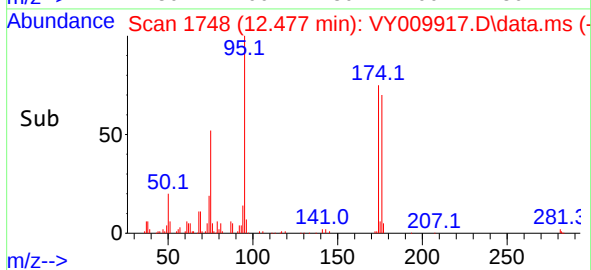
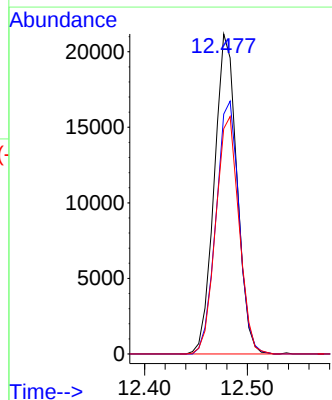
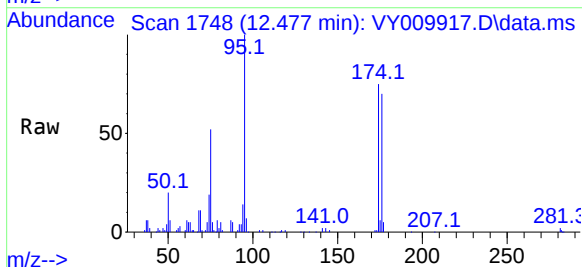
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

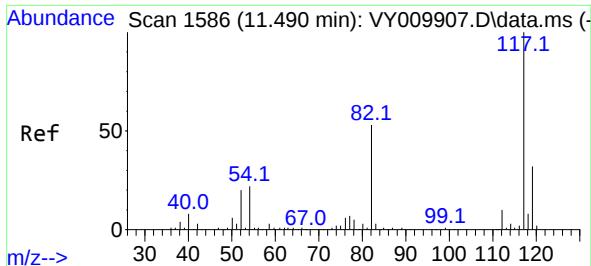
Tgt Ion: 98 Resp: 96494
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 32.063 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion: 95 Resp: 32377
Ion Ratio Lower Upper
95 100
174 80.1 0.0 173.8
176 76.2 0.0 167.0

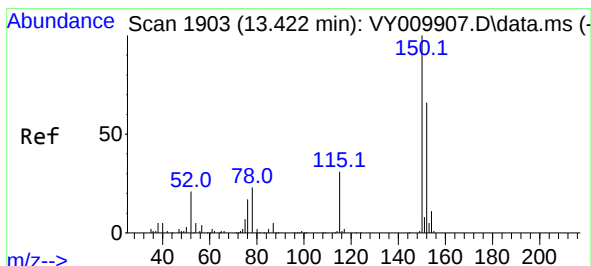
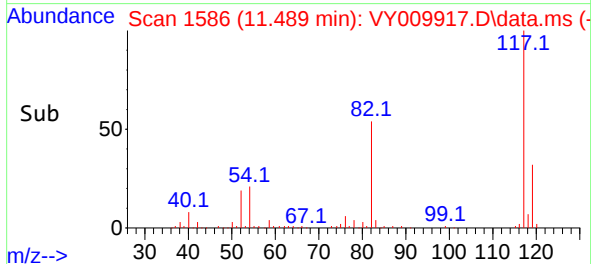
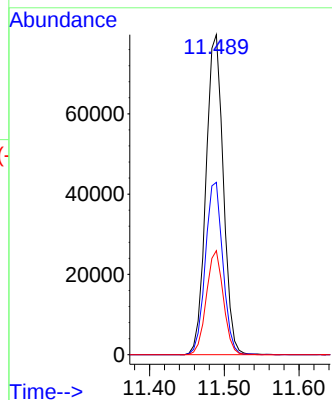
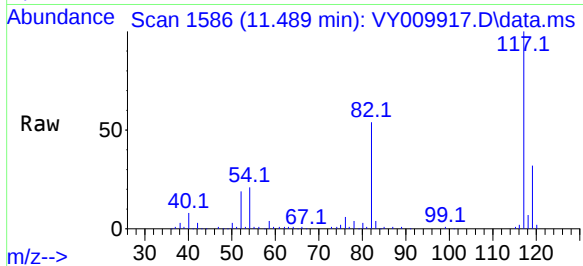




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

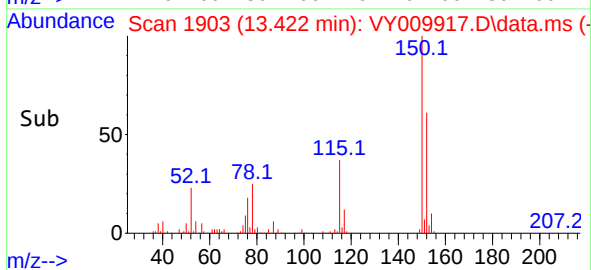
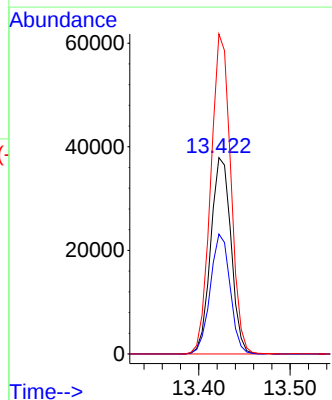
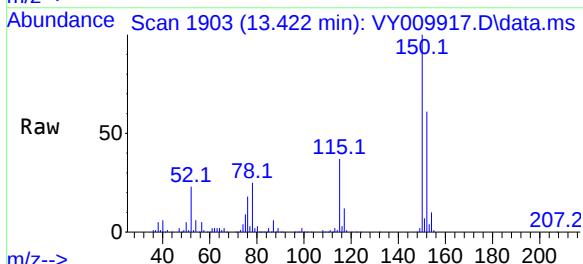
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

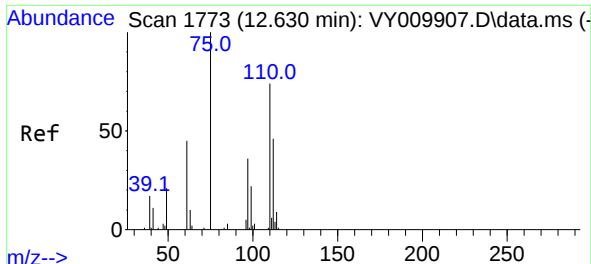
Tgt Ion:117 Resp: 128157
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.6
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion:152 Resp: 58453
Ion Ratio Lower Upper
152 100
115 59.7 28.6 85.9
150 160.1 0.0 349.8

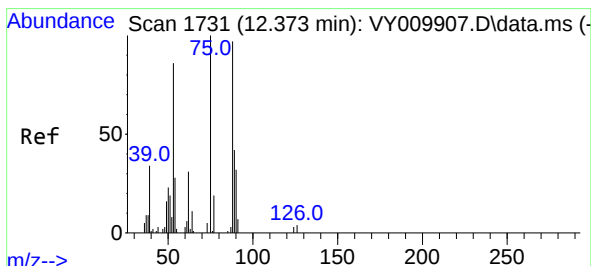
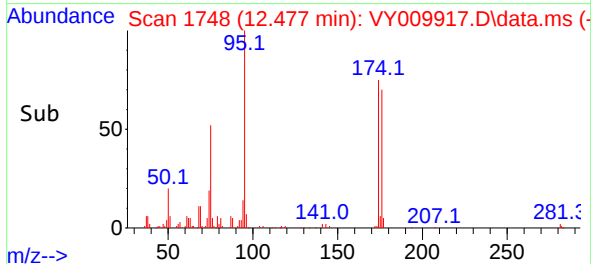
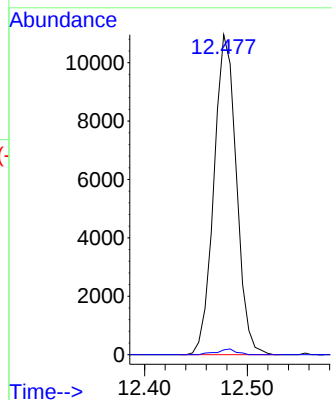
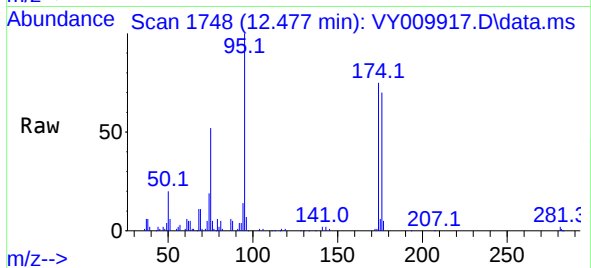




#76
1,2,3-Trichloropropane
Concen: 26.010 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

Tgt Ion: 75 Resp: 16634
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.586 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion: 75 Resp: 16634
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

