

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010473.D
 Acq On : 13 Sep 2022 20:50
 Operator : KP/MD
 Sample : N4572-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164718

Quant Time: Sep 14 05:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

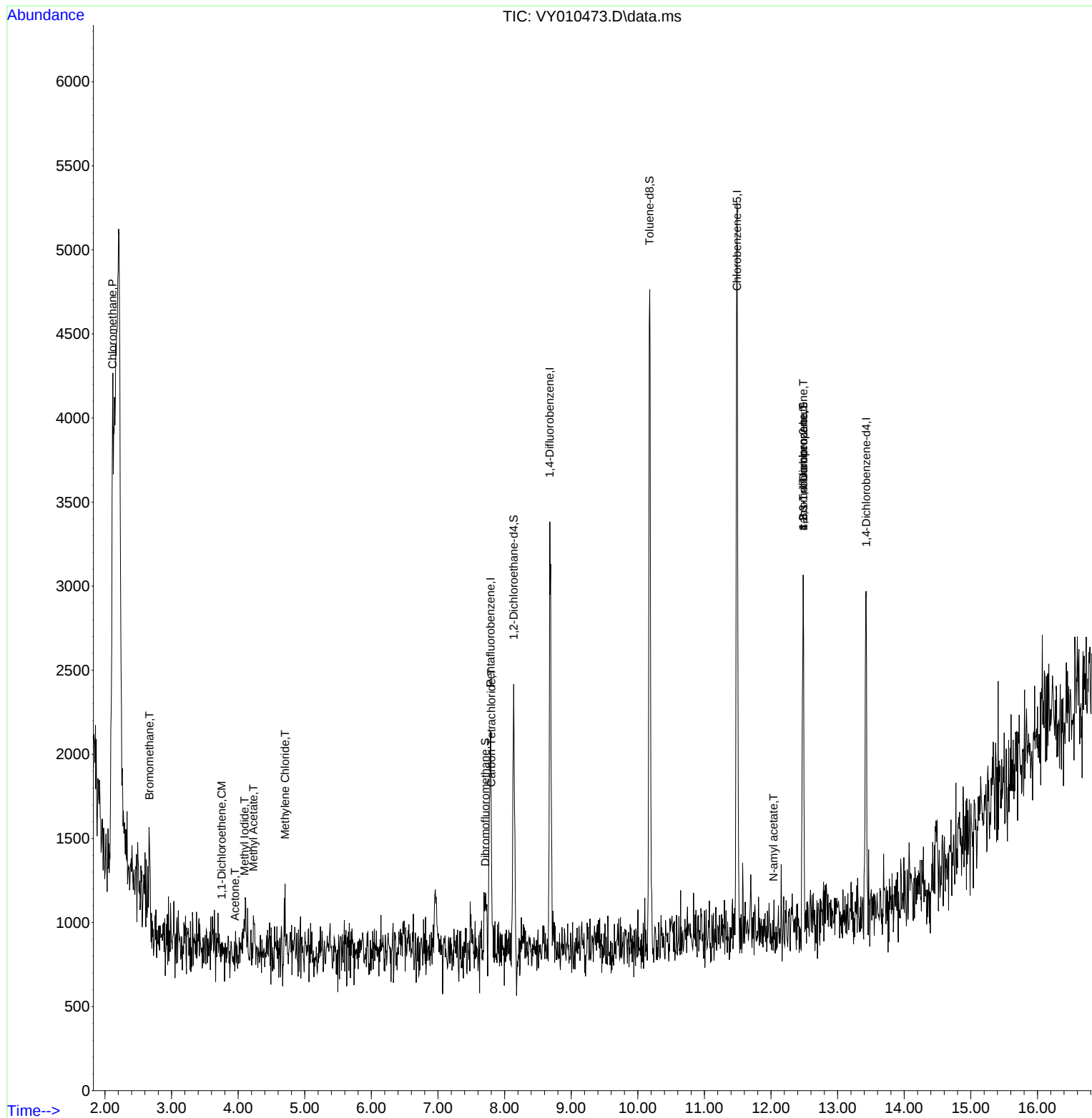
Internal Standards						
1) Pentafluorobenzene	7.789	168	1356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	2633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1272	93.138	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 186.280%#			
35) Dibromofluoromethane	7.710	113	358	19.145	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 38.280%#			
50) Toluene-d8	10.179	98	3052	50.359	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.720%			
62) 4-Bromofluorobenzene	12.483	95	899	35.658	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 71.320%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	199	13.062	ug/l	91
5) Bromomethane	2.668	94	94	7.139	ug/l	95
10) Methyl Iodide	4.094	142	380	22.030	ug/l #	42
12) 1,1-Dichloroethene	3.753	96	21	1.606	ug/l #	1
16) Acetone	3.954	43	19	6.062	ug/l #	47
18) Methyl Acetate	4.229	43	20	2.074	ug/l #	56
20) Methylene Chloride	4.704	84	135	2.348	ug/l #	67
38) Carbon Tetrachloride	7.801	117	40	1.404	ug/l #	11
74) N-amyl acetate	12.038	43	26	2.034	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	504	65.051	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	504	144.437	ug/l #	7

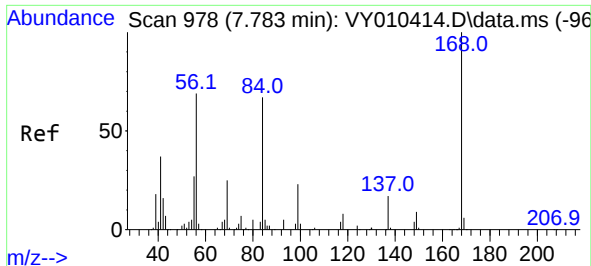
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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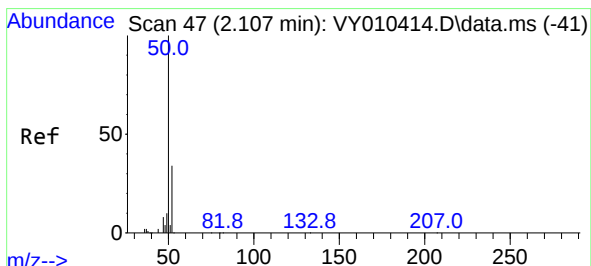
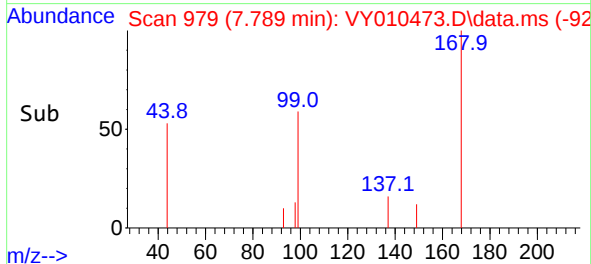
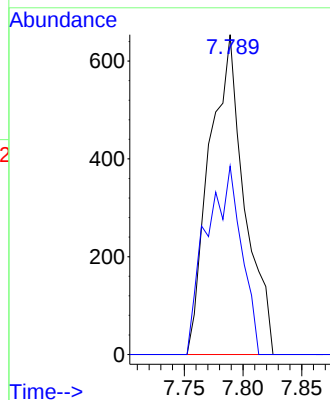
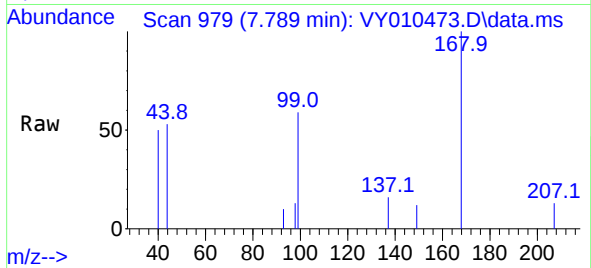




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

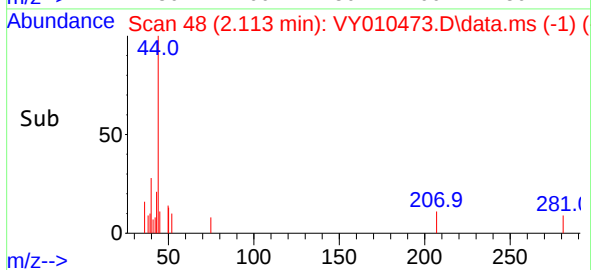
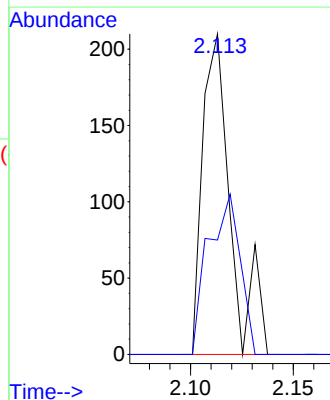
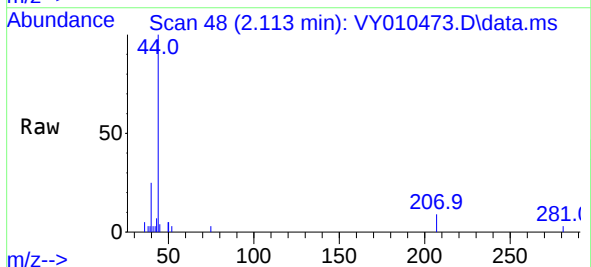
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

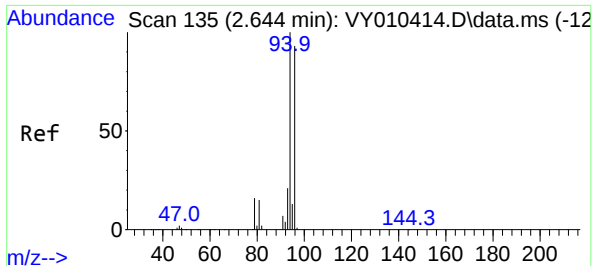
Tgt Ion:168 Resp: 1356
Ion Ratio Lower Upper
168 100
99 58.9 46.9 70.3



#3
Chloromethane
Concen: 13.062 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

Tgt Ion: 50 Resp: 199
Ion Ratio Lower Upper
50 100
52 35.7 24.6 37.0

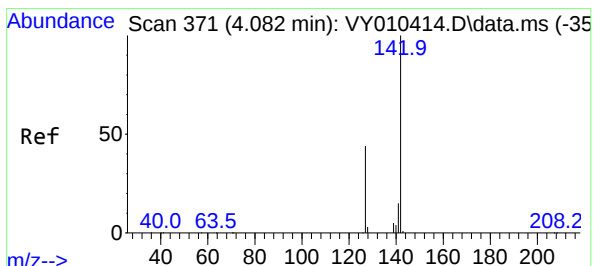
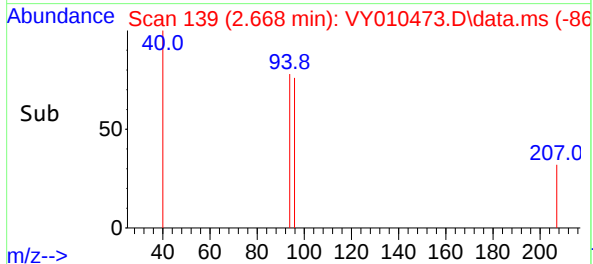
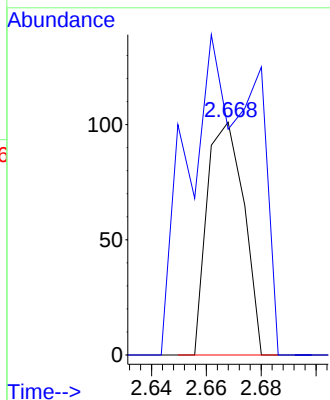
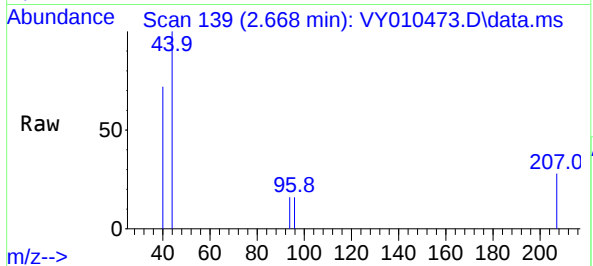




#5
Bromomethane
Concen: 7.139 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

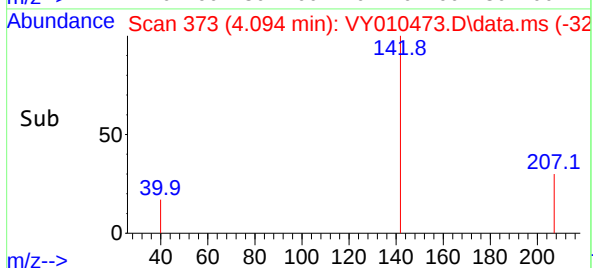
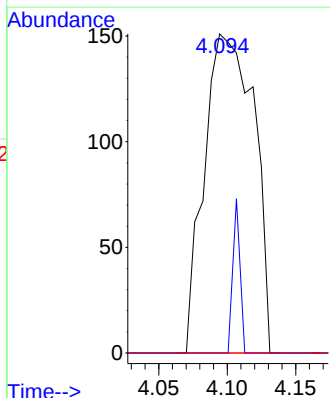
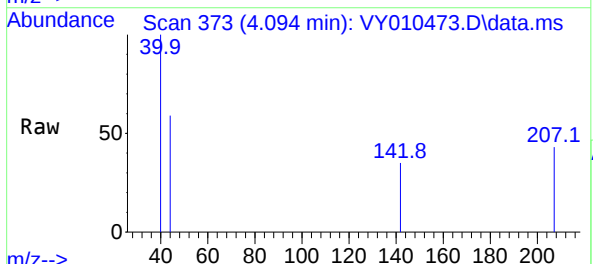
Instrument :
MSVOA_Y
ClientSampleId :
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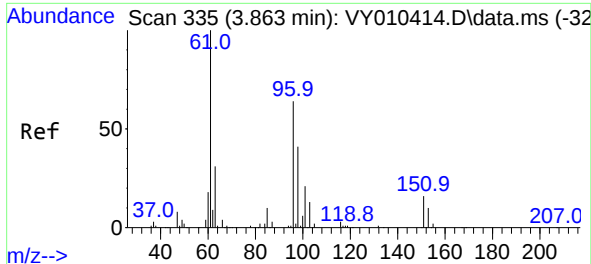
Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 97.0 73.5 110.3



#10
Methyl Iodide
Concen: 22.030 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

Tgt Ion:142 Resp: 380
Ion Ratio Lower Upper
142 100
127 7.1 41.5 62.3#
141 0.0 11.9 17.9#





#12

1,1-Dichloroethene

Concen: 1.606 ug/l

RT: 3.753 min Scan# 317

Delta R.T. -0.110 min

Lab File: VY010473.D

Acq: 13 Sep 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

PSC-164718

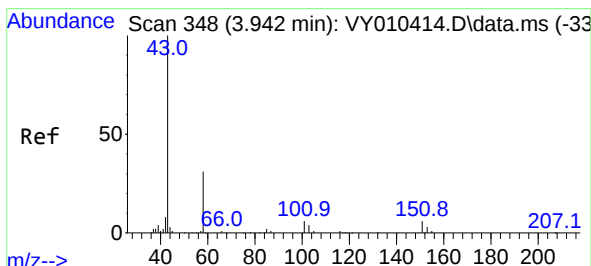
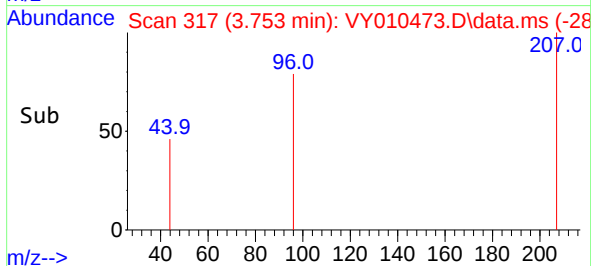
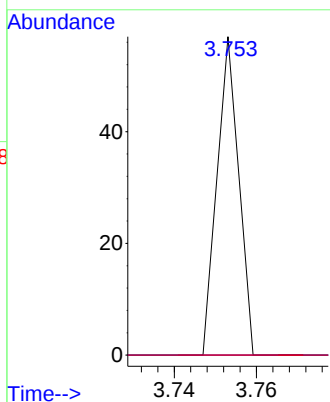
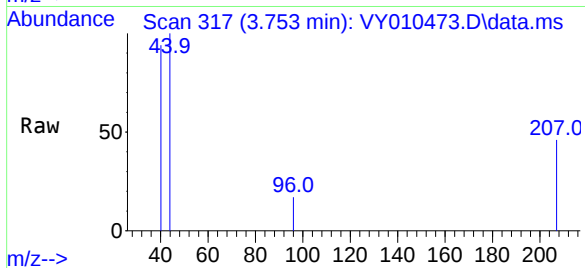
Tgt Ion: 96 Resp: 21

Ion Ratio Lower Upper

96 100

61 0.0 145.8 218.6#

98 0.0 52.5 78.7#



#16

Acetone

Concen: 6.062 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY010473.D

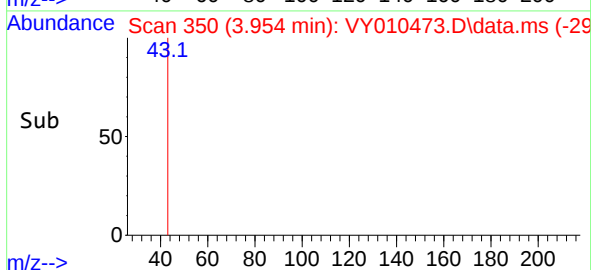
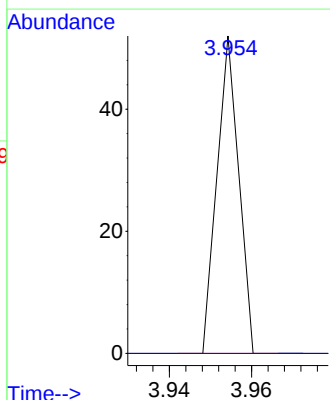
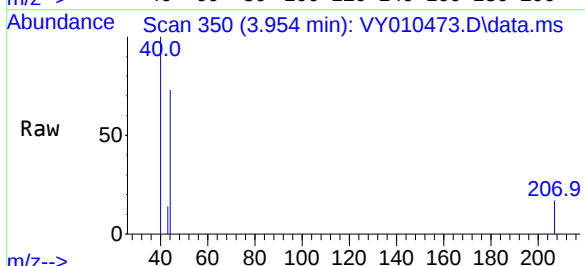
Acq: 13 Sep 2022 20:50

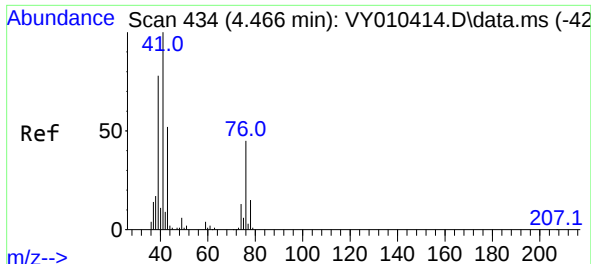
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#

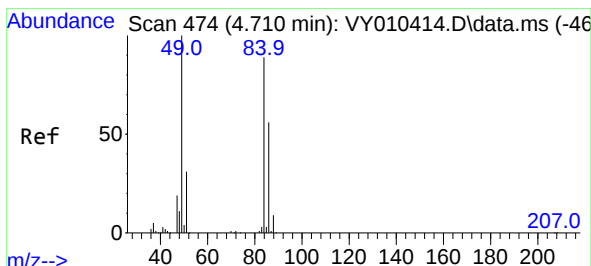
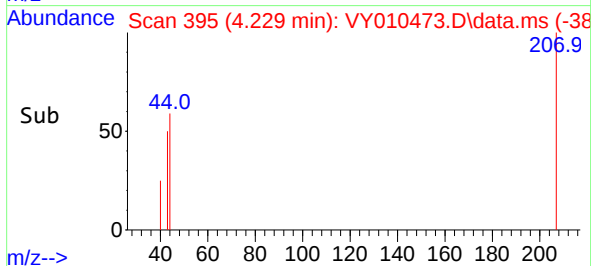
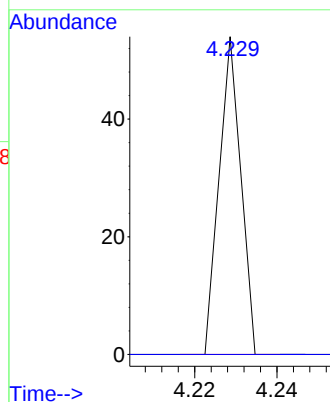
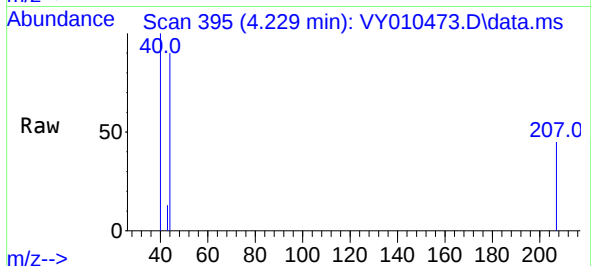




#18
Methyl Acetate
Concen: 2.074 ug/l
RT: 4.229 min Scan# 395
Delta R.T. -0.237 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

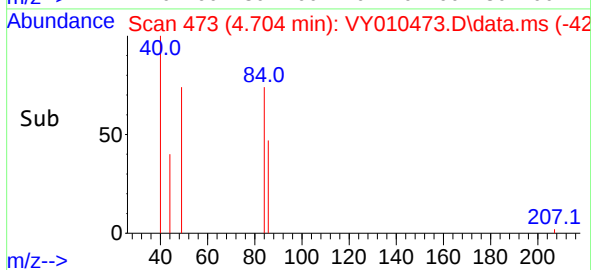
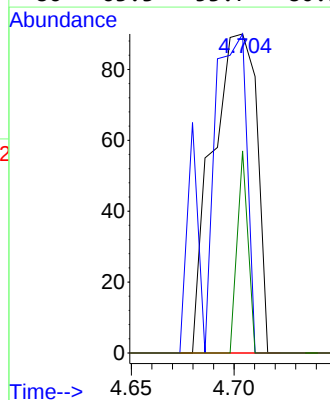
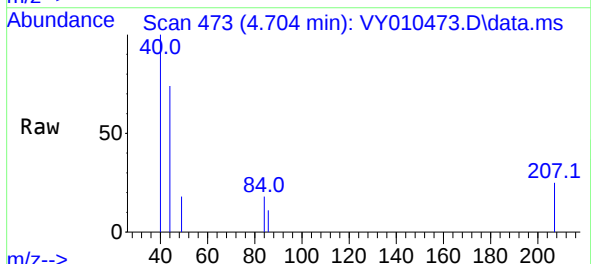
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

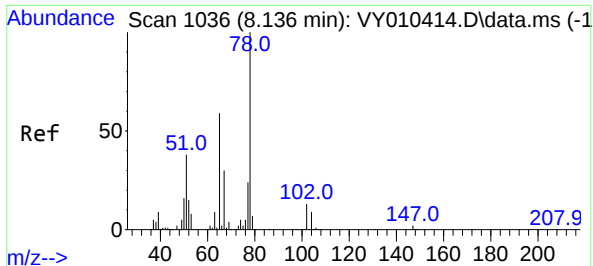
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 2.348 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

Tgt Ion: 84 Resp: 135
Ion Ratio Lower Upper
84 100
49 100.0 114.4 171.6#
51 0.0 35.3 52.9#
86 63.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 93.138 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010473.D

Acq: 13 Sep 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

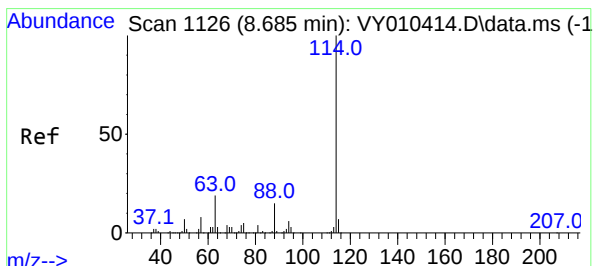
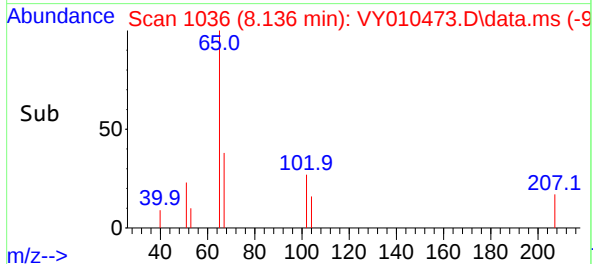
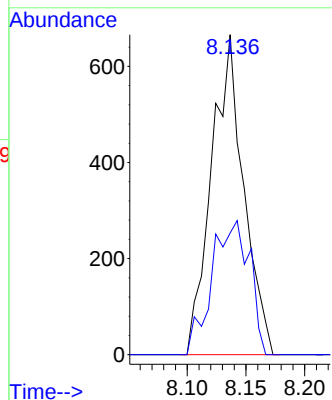
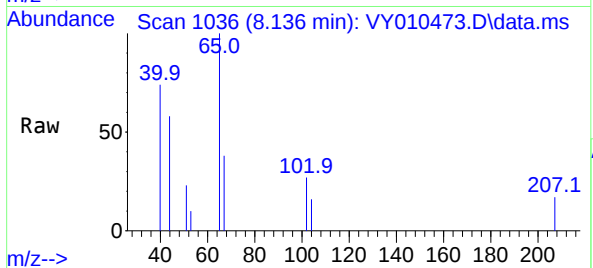
PSC-164718

Tgt Ion: 65 Resp: 1272

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY010473.D

Acq: 13 Sep 2022 20:50

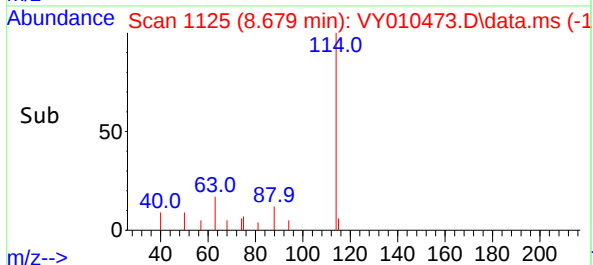
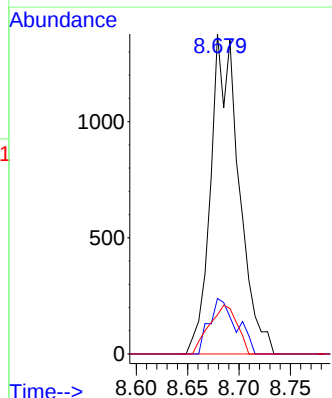
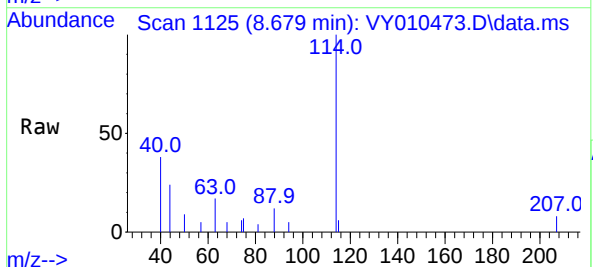
Tgt Ion: 114 Resp: 2633

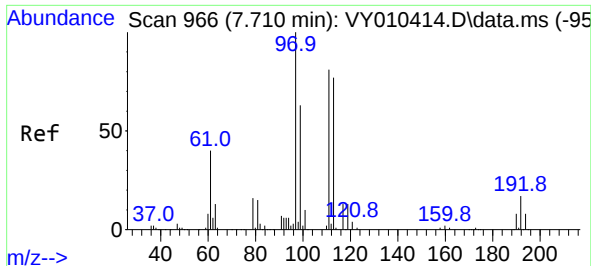
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 12.2 0.0 31.8

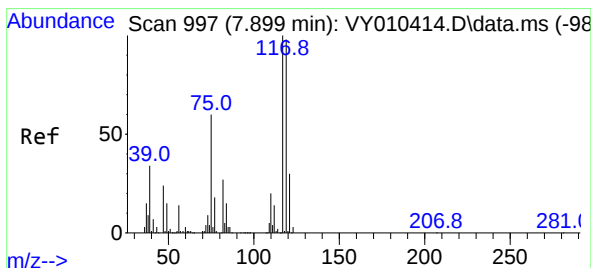
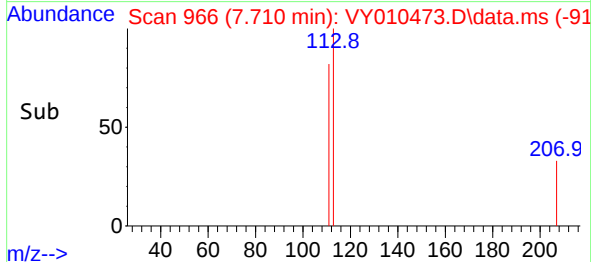
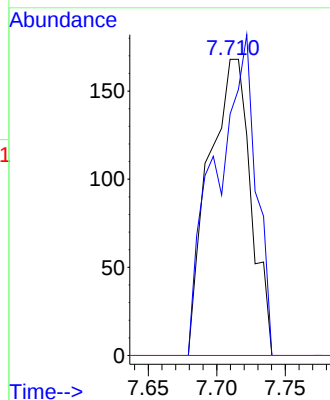
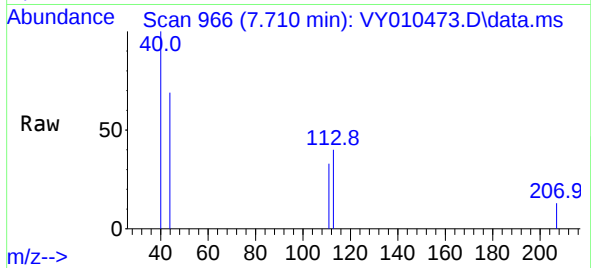




#35
Dibromofluoromethane
Concen: 19.145 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

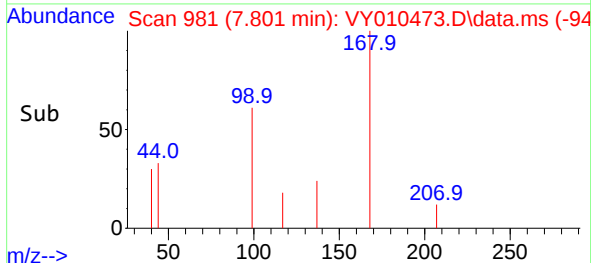
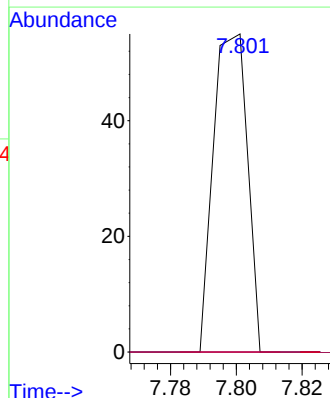
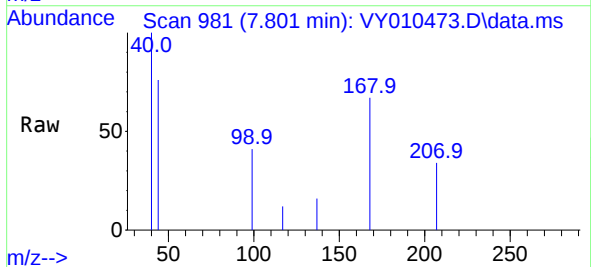
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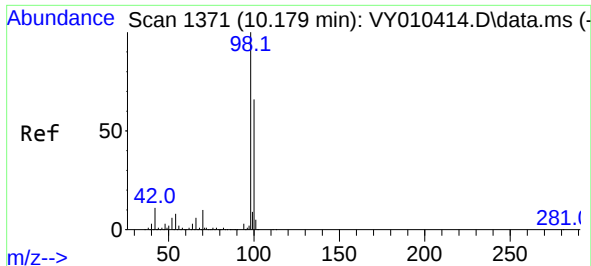
Tgt Ion:113 Resp: 358
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 0.0 17.6 26.4#



#38
Carbon Tetrachloride
Concen: 1.404 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.098 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

Tgt Ion:117 Resp: 40
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

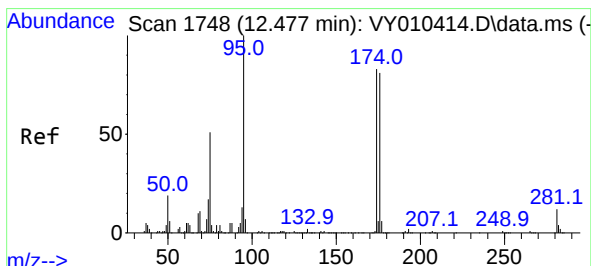
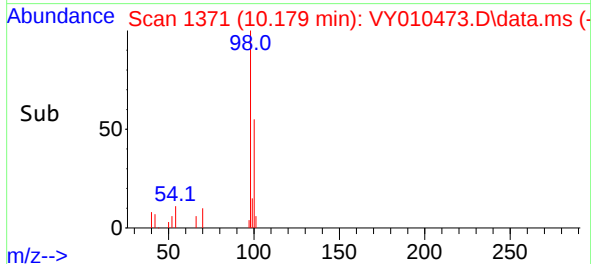
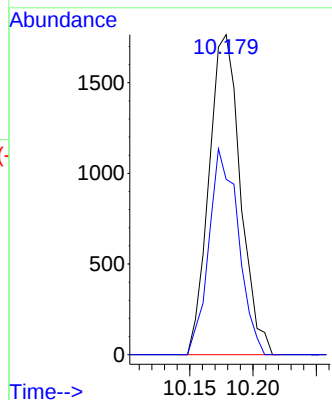
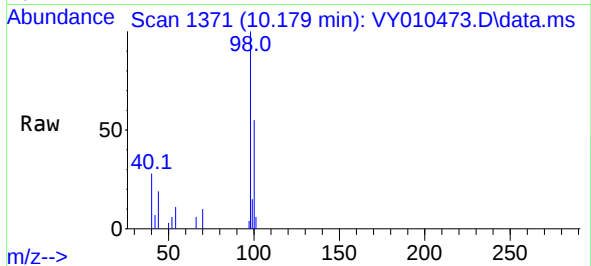




#50
Toluene-d8
Concen: 50.359 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

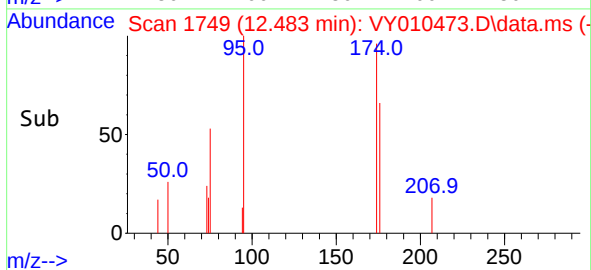
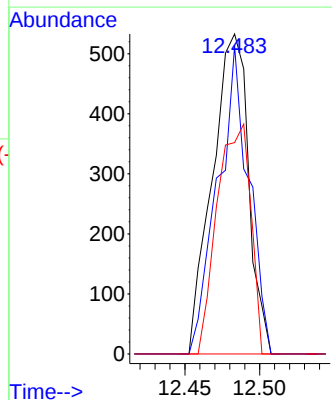
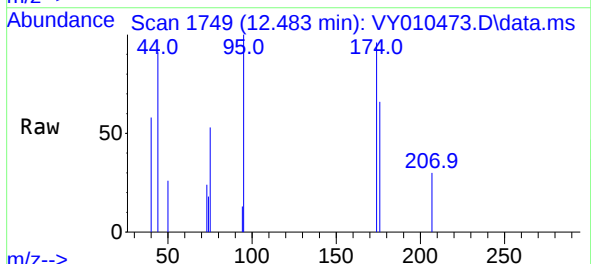
Instrument :
MSVOA_Y
ClientSampleId :
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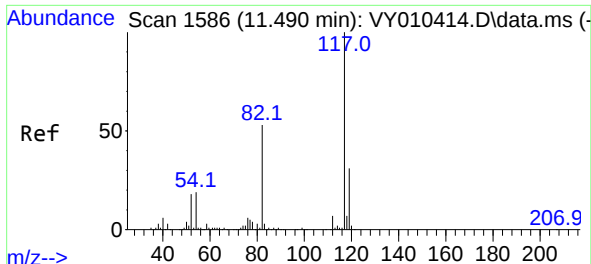
Tgt Ion: 98 Resp: 3052
Ion Ratio Lower Upper
98 100
100 60.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.658 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

Tgt Ion: 95 Resp: 899
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 66.2 0.0 175.8

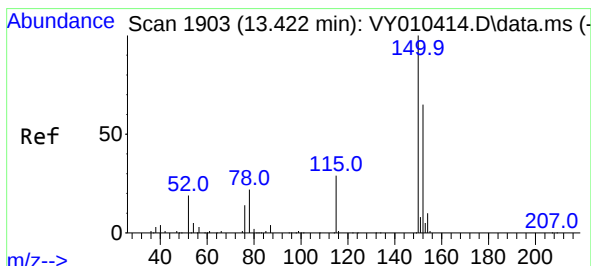
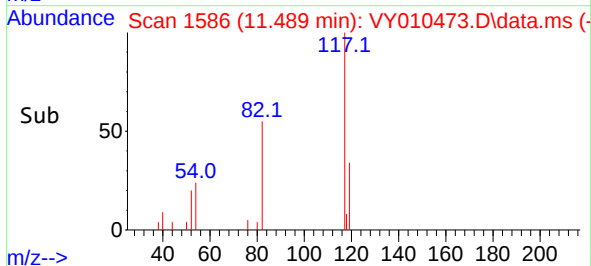
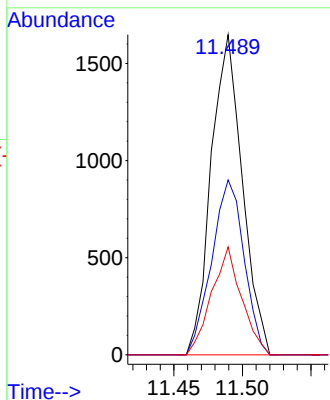
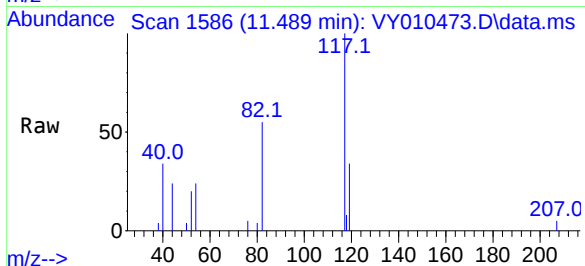




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

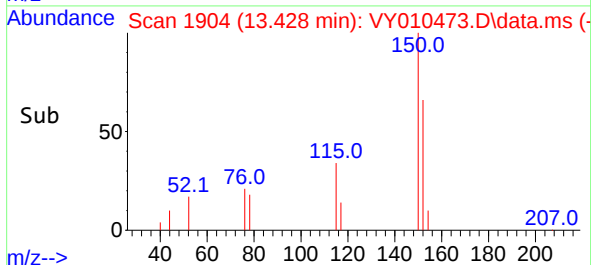
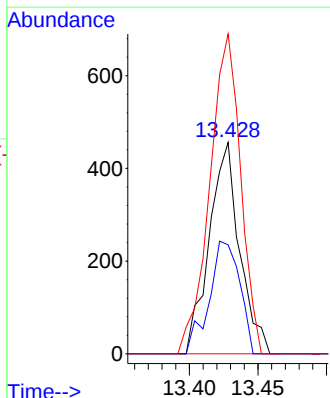
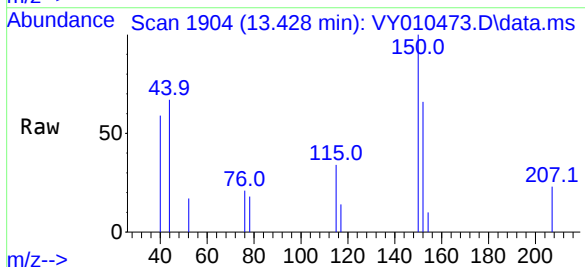
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

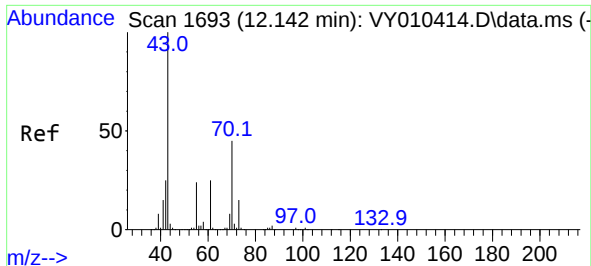
Tgt Ion:	117	Resp:	2609
Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.0	64.4
119	33.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

Tgt Ion:	152	Resp:	702
Ion	Ratio	Lower	Upper
152	100		
115	53.6	28.2	84.7
150	153.8	0.0	347.6

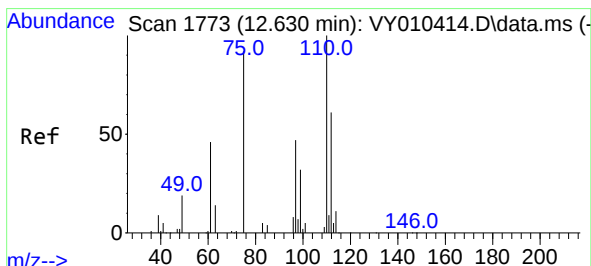
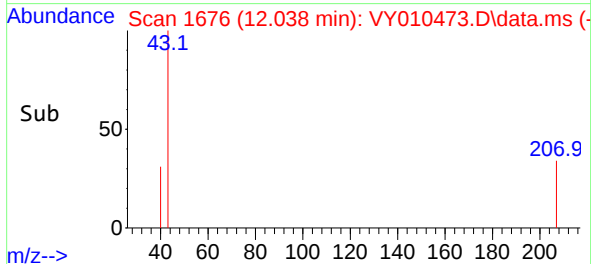
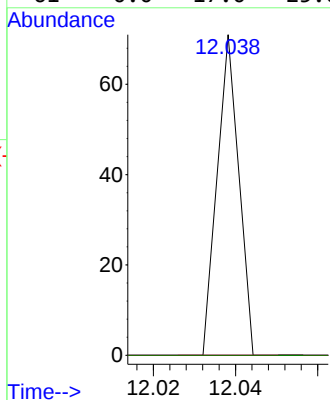
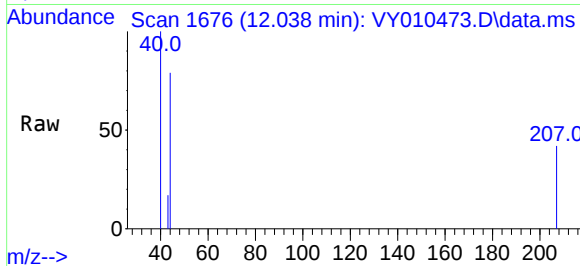




#74
N-amy1 acetate
Concen: 2.034 ug/l
RT: 12.038 min Scan# 1749
Delta R.T. -0.104 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

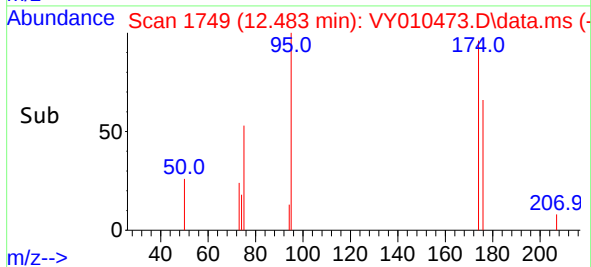
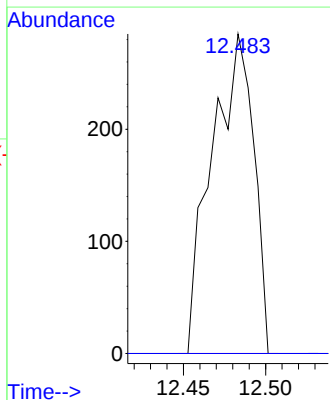
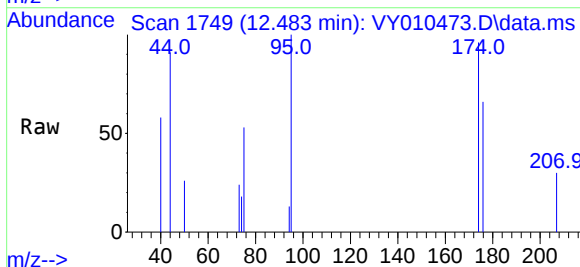
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

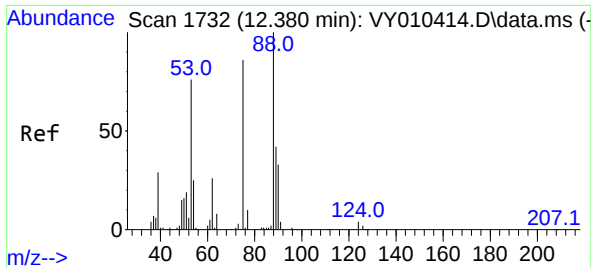
Tgt Ion: 43	Resp:	26	
Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	0.0	17.3	25.9#
61	0.0	17.0	25.6#



#76
1,2,3-Trichloropropane
Concen: 65.051 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010473.D
Acq: 13 Sep 2022 20:50

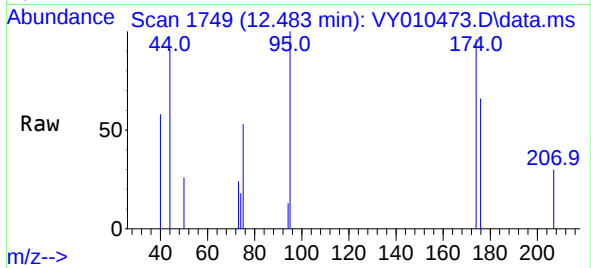
Tgt Ion: 75	Resp:	504
Ion Ratio	Lower	Upper
75 100		
77 0.0	0.0	0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.437 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010473.D
 Acq: 13 Sep 2022 20:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164718



Tgt Ion: 75 Resp: 504
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

