

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010474.D
 Acq On : 13 Sep 2022 21:14
 Operator : KP/MD
 Sample : N4572-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124035

Quant Time: Sep 14 05:29:20 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)

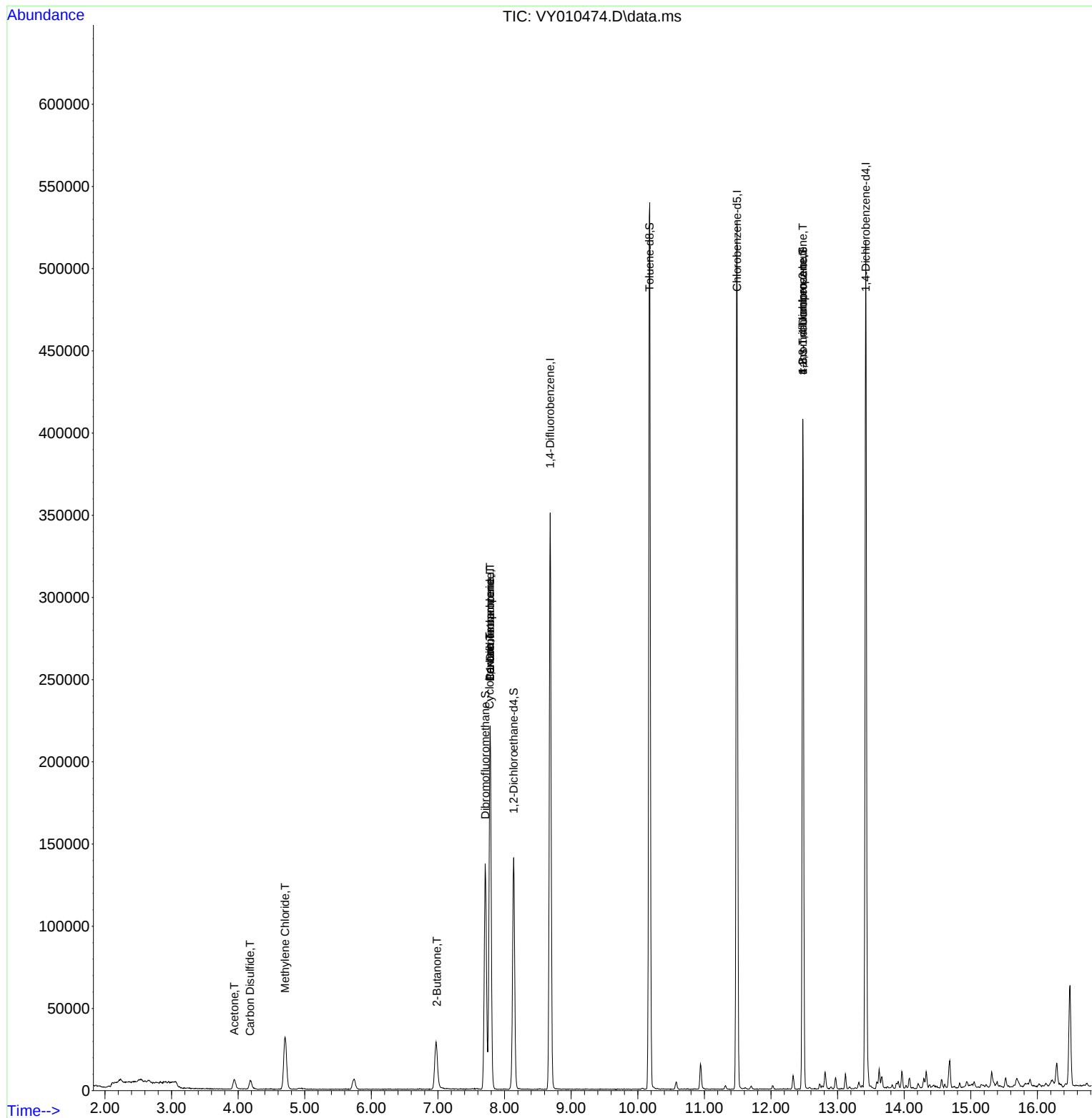
Internal Standards						
1) Pentafluorobenzene	7.783	168	172513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	299582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	107776	62.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.060%	
35) Dibromofluoromethane	7.710	113	96724	45.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.920%	
50) Toluene-d8	10.179	98	360535	52.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.477	95	122633	44.146	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.300%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	161	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	1097	Below Cal	#	82
16) Acetone	3.942	43	10892	27.316	ug/l #	86
17) Carbon Disulfide	4.180	76	9928	2.207	ug/l	97
20) Methylene Chloride	4.704	84	24915	6.995	ug/l #	86
25) 2-Butanone	6.984	43	2561	4.041	ug/l	94
31) Cyclohexane	7.777	56	3571	1.217	ug/l #	2
36) 1,1-Dichloropropene	7.783	75	13047	4.479	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17180	5.302	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	64788	44.097	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64788	97.911	ug/l #	7

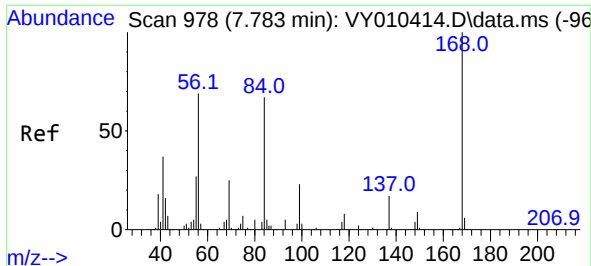
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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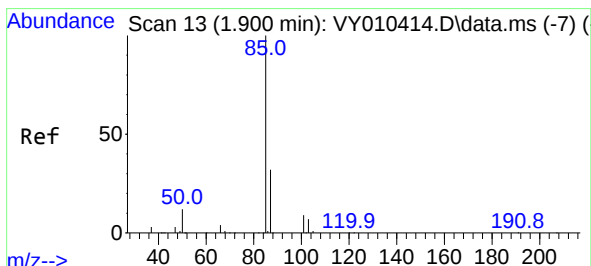
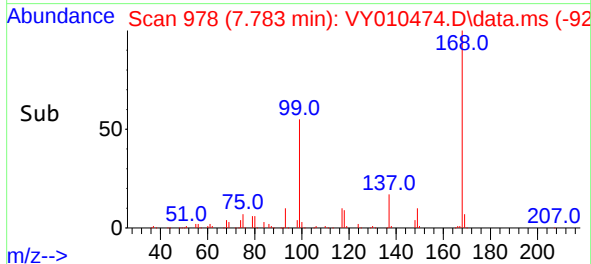
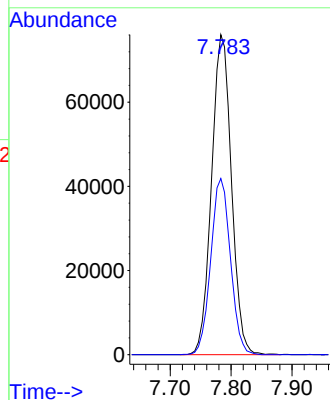
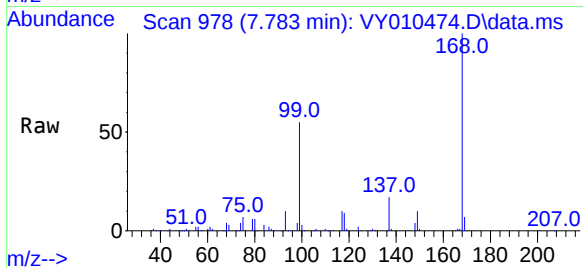




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

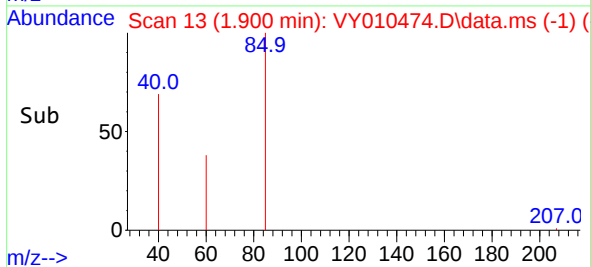
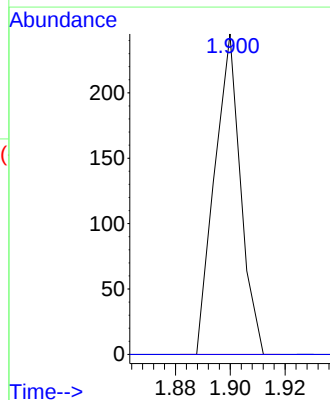
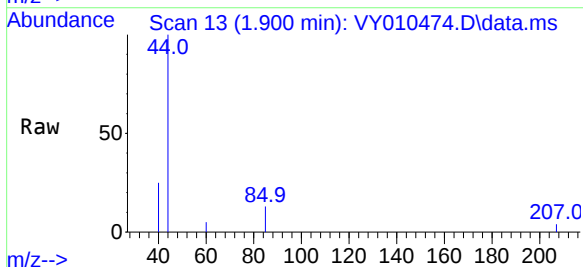
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

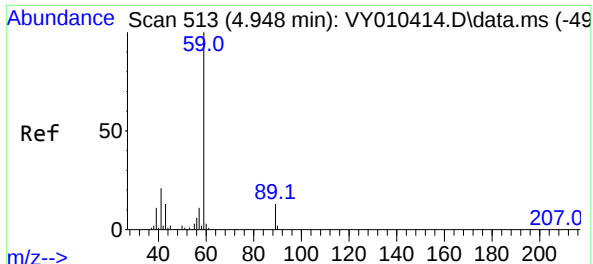
Tgt Ion:168 Resp: 172513
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

Tgt Ion: 85 Resp: 161
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

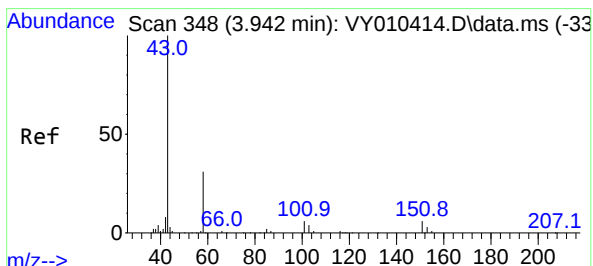
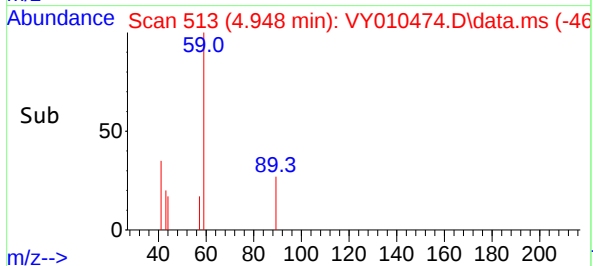
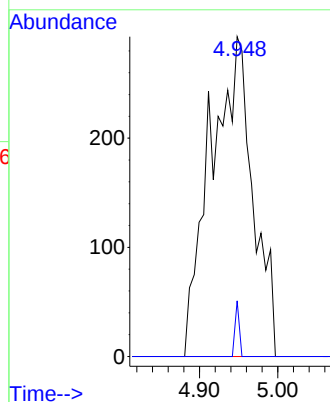
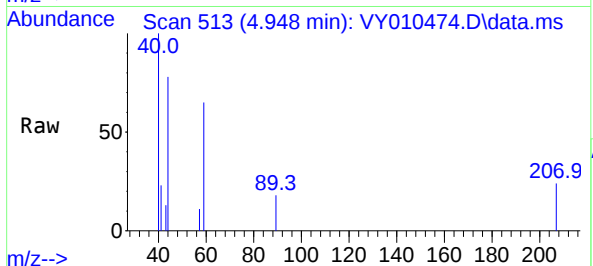




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

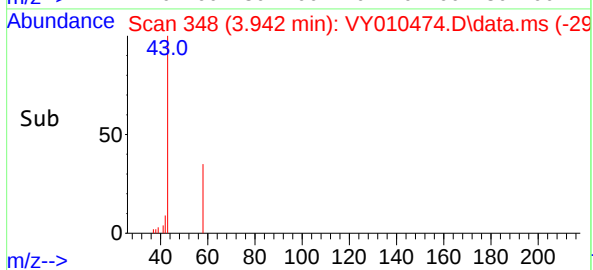
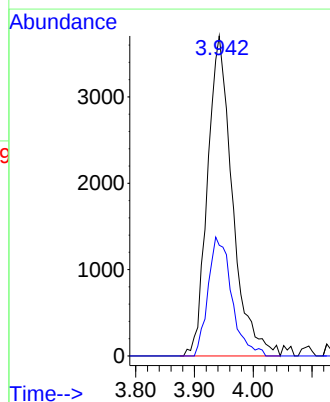
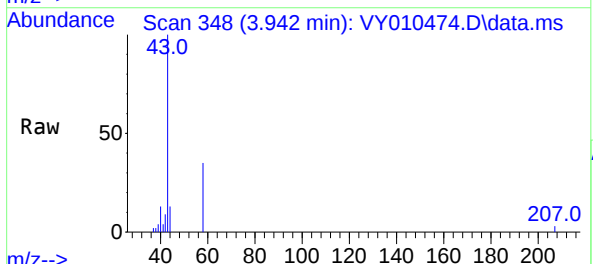
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

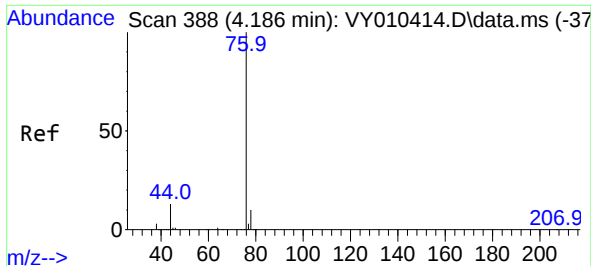
Tgt Ion: 59 Resp: 1097
Ion Ratio Lower Upper
59 100
57 1.7 6.4 9.6#



#16
Acetone
Concen: 27.316 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

Tgt Ion: 43 Resp: 10892
Ion Ratio Lower Upper
43 100
58 34.6 22.0 33.0#

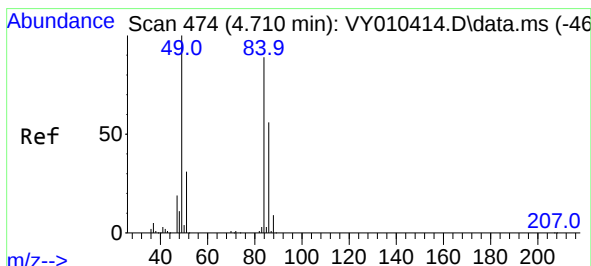
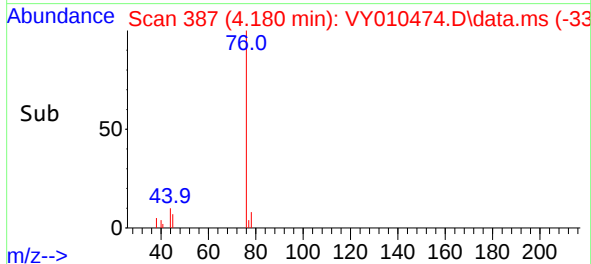
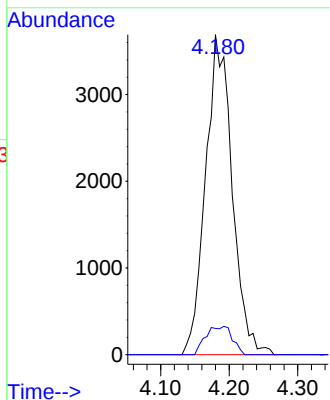
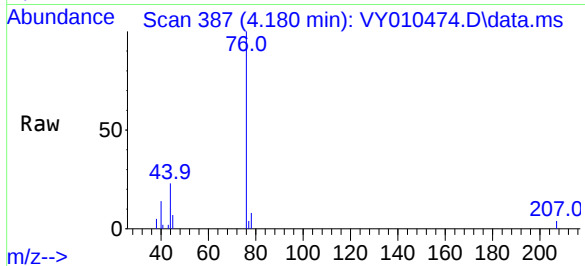




#17
Carbon Disulfide
Concen: 2.207 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

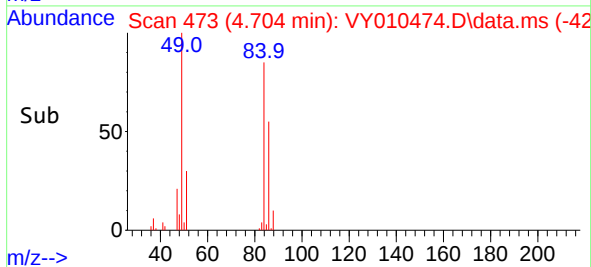
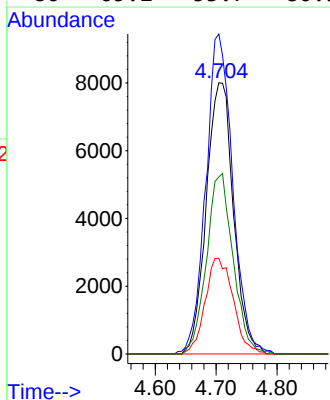
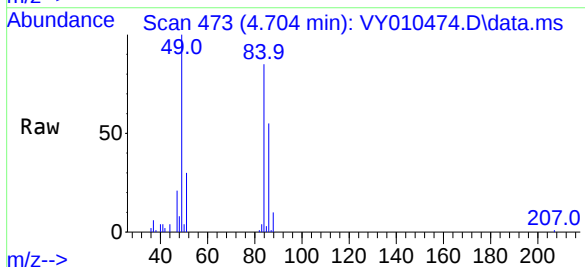
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

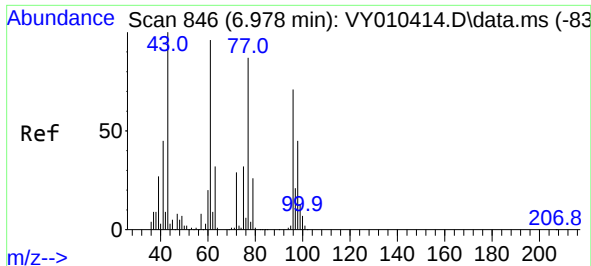
Tgt Ion: 76 Resp: 9928
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#20
Methylene Chloride
Concen: 6.995 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

Tgt Ion: 84 Resp: 24915
Ion Ratio Lower Upper
84 100
49 118.0 114.4 171.6
51 35.3 35.3 52.9#
86 65.2 53.7 80.5





#25

2-Butanone

Concen: 4.041 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010474.D

Acq: 13 Sep 2022 21:14

Instrument :

MSVOA_Y

ClientSampleId :

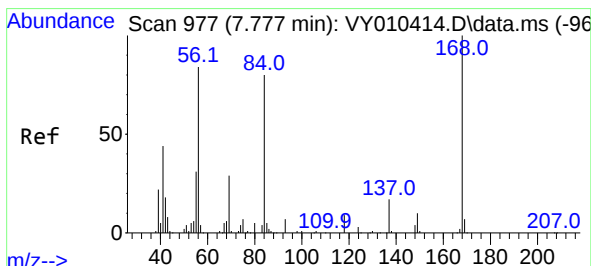
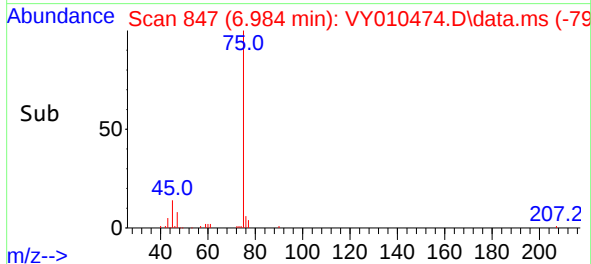
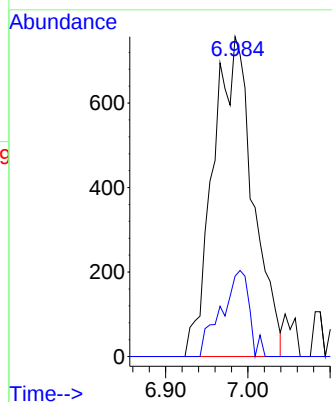
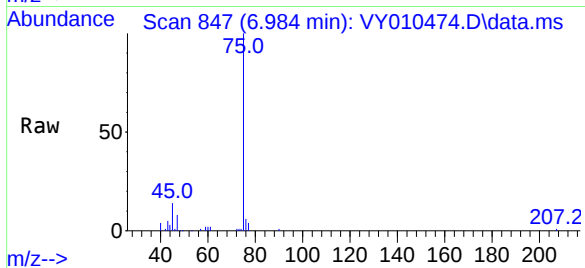
PSC-124035

Tgt Ion: 43 Resp: 2561

Ion Ratio Lower Upper

43 100

72 25.1 17.7 26.5



#31

Cyclohexane

Concen: 1.217 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010474.D

Acq: 13 Sep 2022 21:14

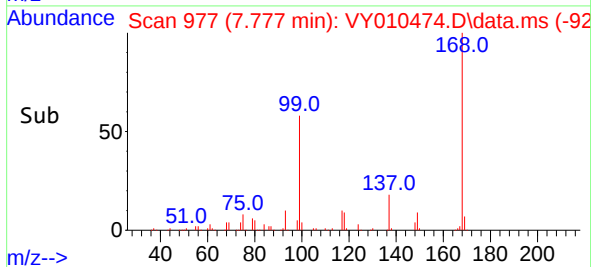
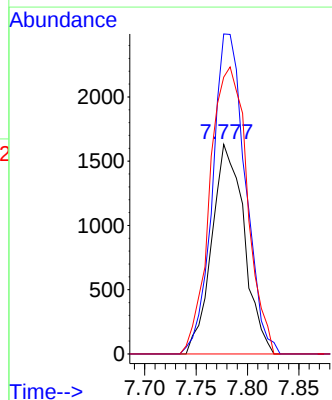
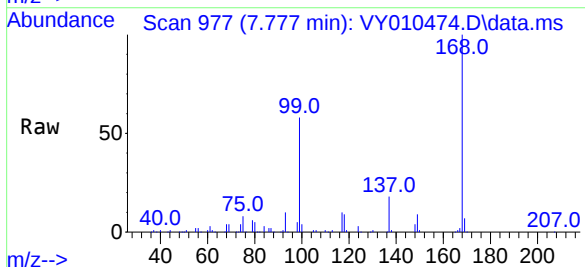
Tgt Ion: 56 Resp: 3571

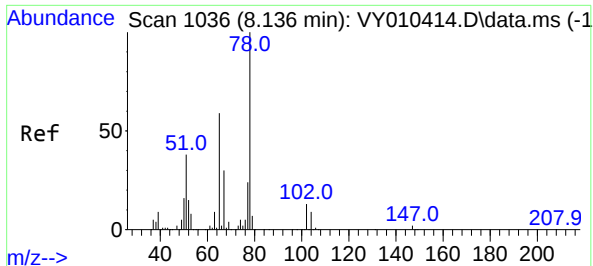
Ion Ratio Lower Upper

56 100

69 152.7 26.7 40.1#

84 132.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.030 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010474.D

Acq: 13 Sep 2022 21:14

Instrument :

MSVOA_Y

ClientSampleId :

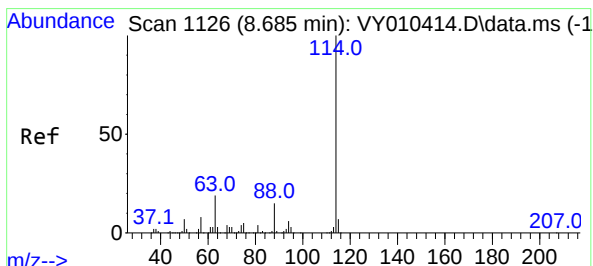
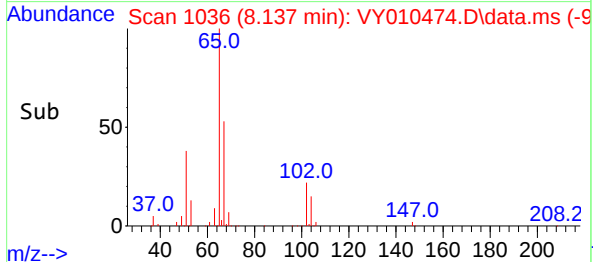
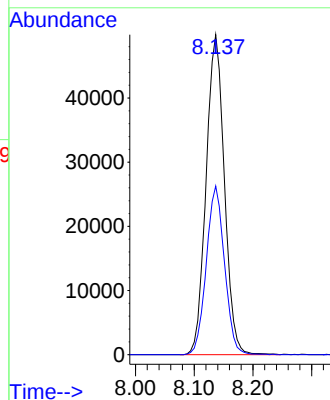
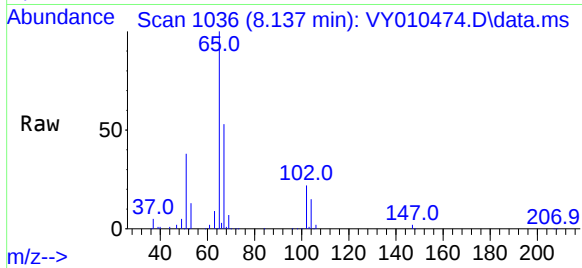
PSC-124035

Tgt Ion: 65 Resp: 107776

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010474.D

Acq: 13 Sep 2022 21:14

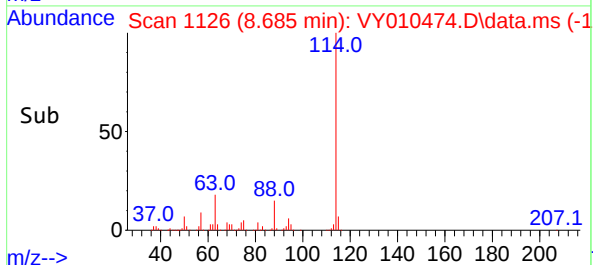
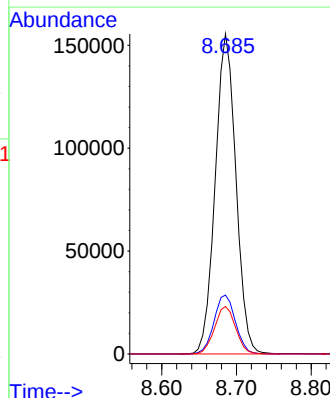
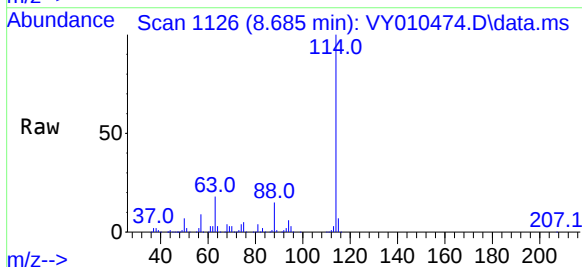
Tgt Ion: 114 Resp: 299582

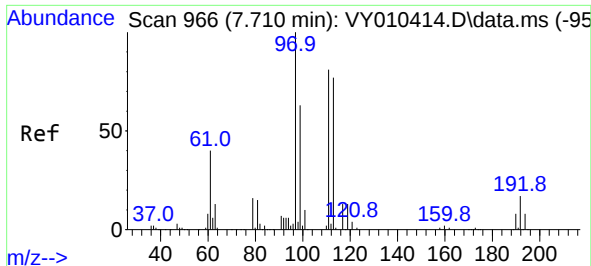
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.9 0.0 31.8

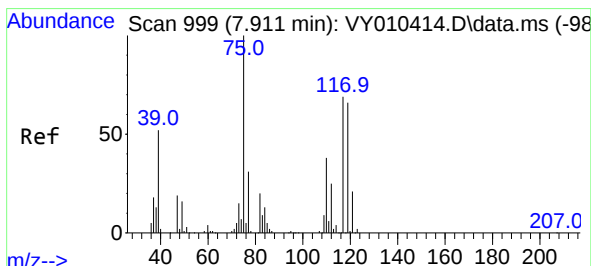
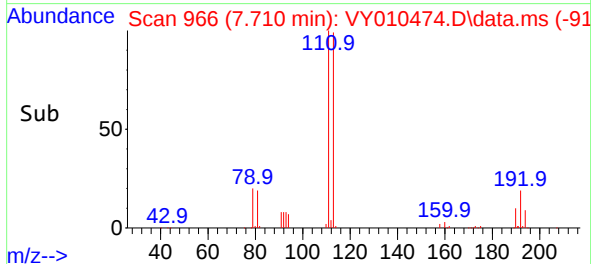
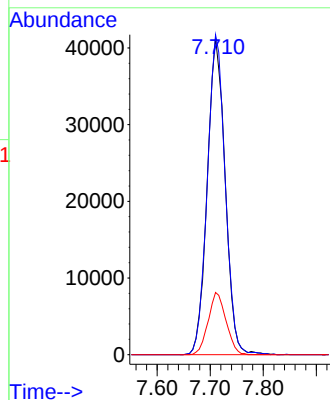
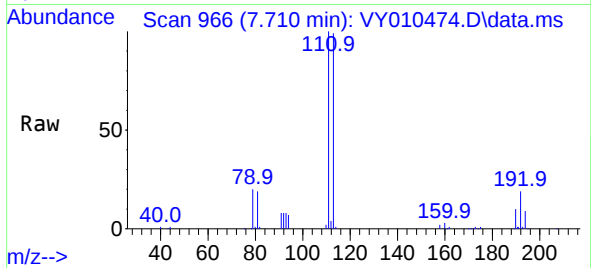




#35
Dibromofluoromethane
Concen: 45.460 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

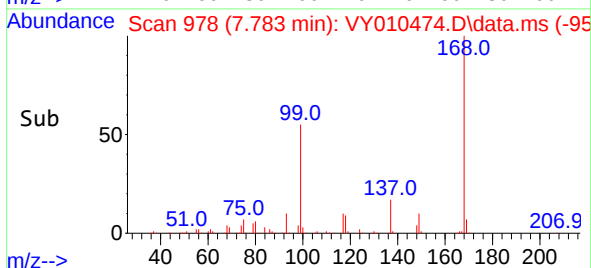
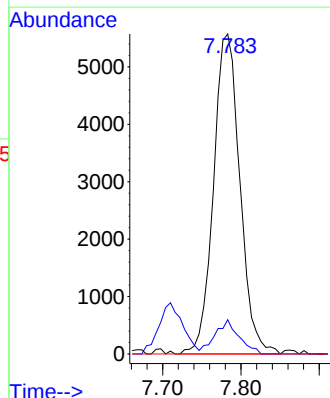
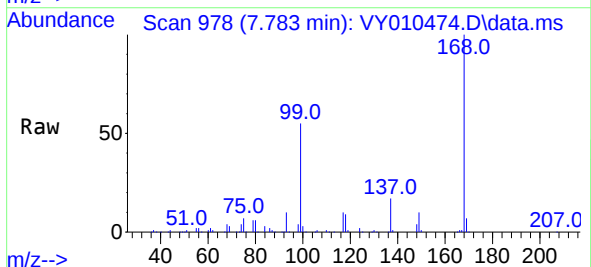
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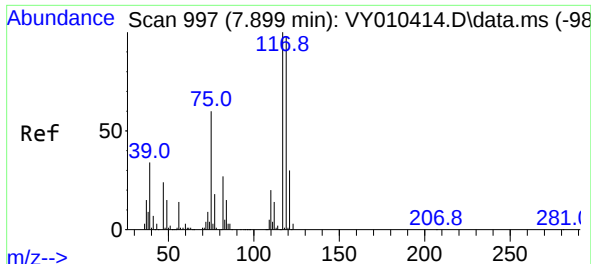
Tgt Ion:113 Resp: 96724
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

Tgt Ion: 75 Resp: 13047
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

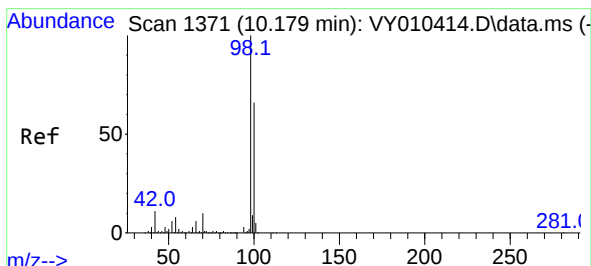
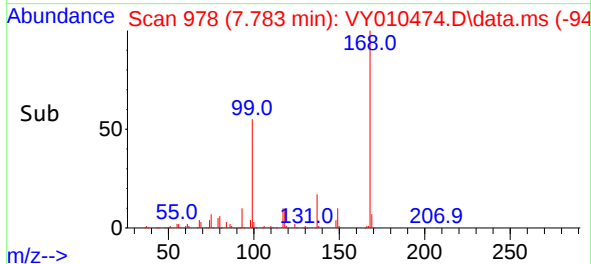
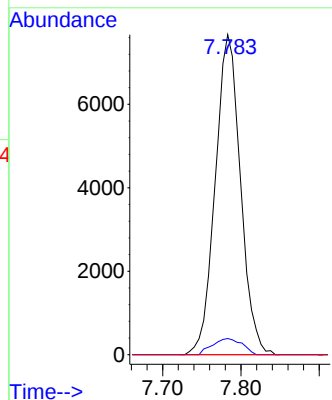
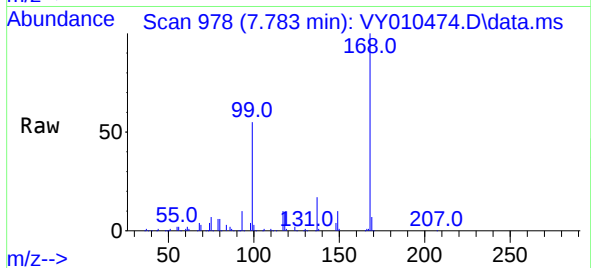




#38
Carbon Tetrachloride
Concen: 5.302 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

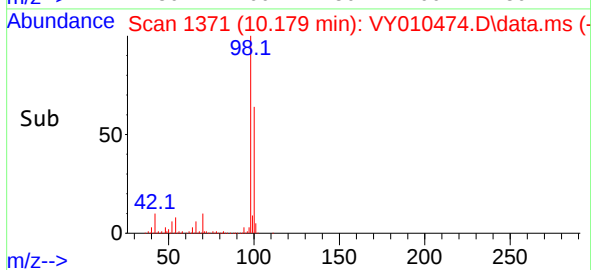
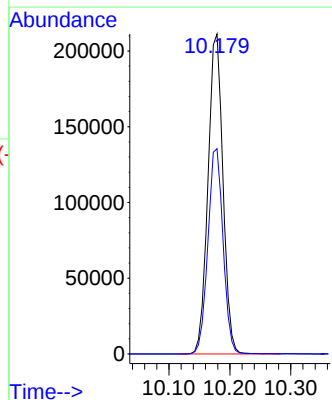
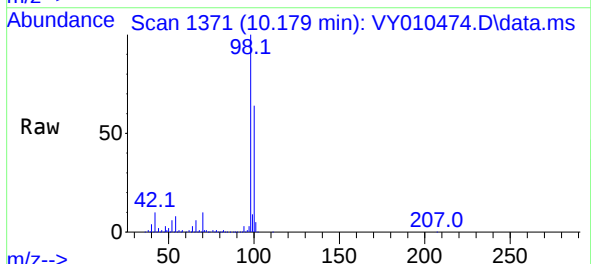
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

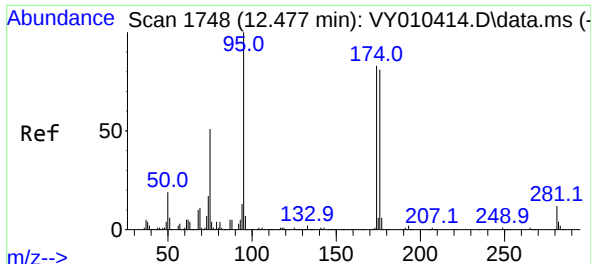
Tgt Ion:117 Resp: 17180
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

Tgt Ion: 98 Resp: 360535
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

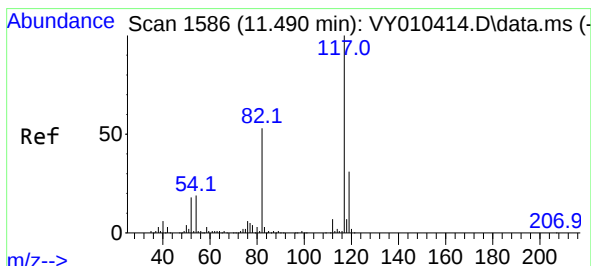
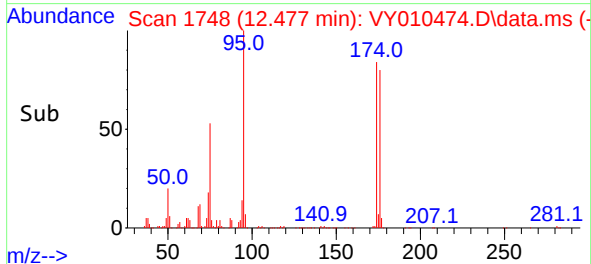
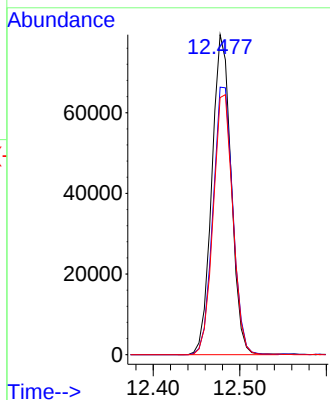
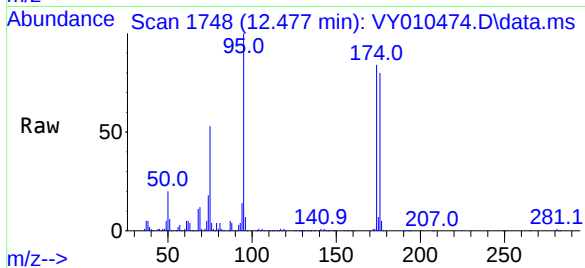




#62
4-Bromofluorobenzene
Concen: 44.146 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

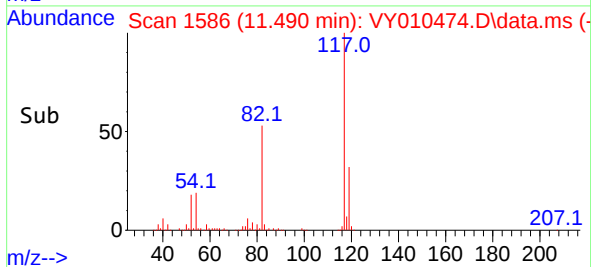
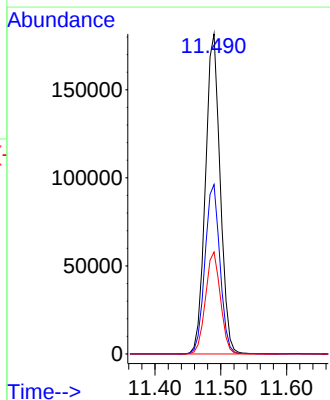
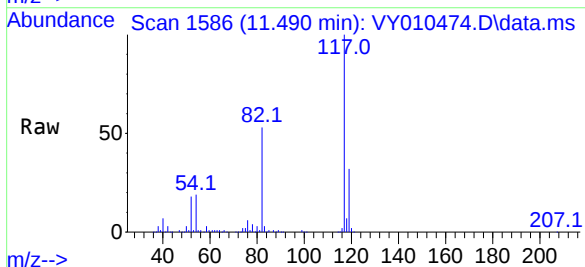
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

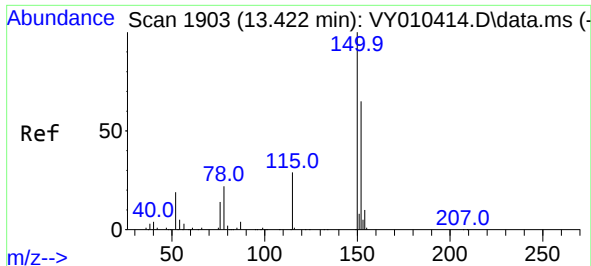
Tgt Ion: 95 Resp: 122633
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 82.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

Tgt Ion: 117 Resp: 283949
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.8 25.4 38.0

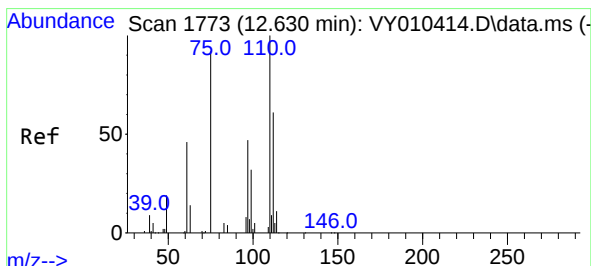
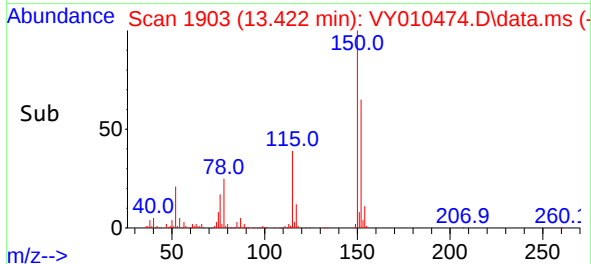
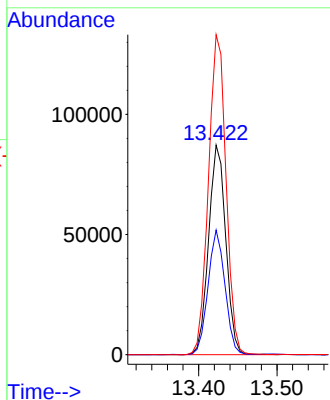
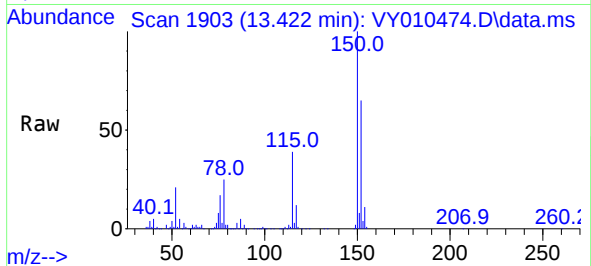




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

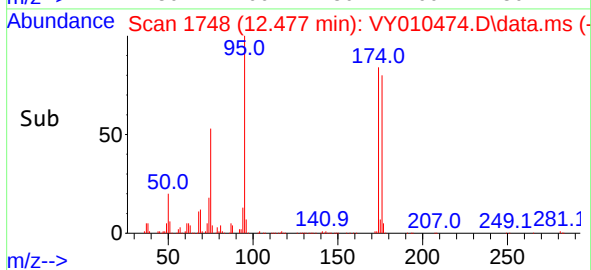
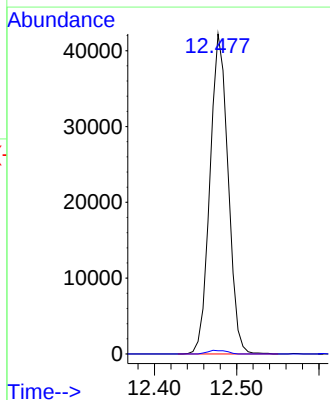
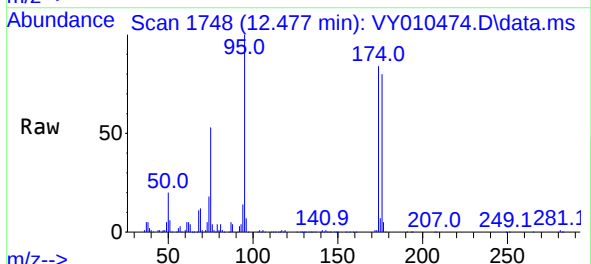
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

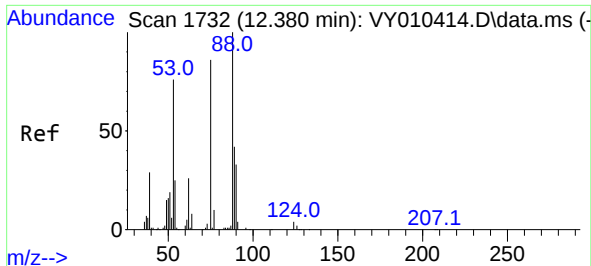
Tgt Ion:152 Resp: 133122
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 155.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 44.097 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010474.D
Acq: 13 Sep 2022 21:14

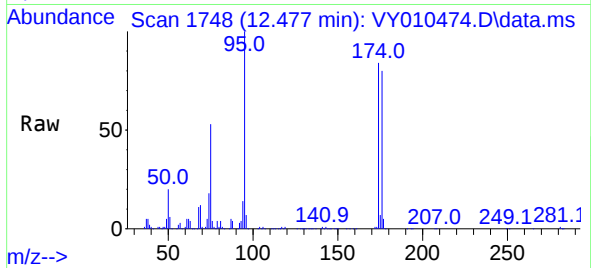
Tgt Ion: 75 Resp: 64788
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.911 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010474.D
 Acq: 13 Sep 2022 21:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124035



Tgt Ion:	75	Resp:	64788
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

