

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010472.D
 Acq On : 13 Sep 2022 20:27
 Operator : KP/MD
 Sample : N4572-02
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019

Quant Time: Sep 14 05:28:43 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)

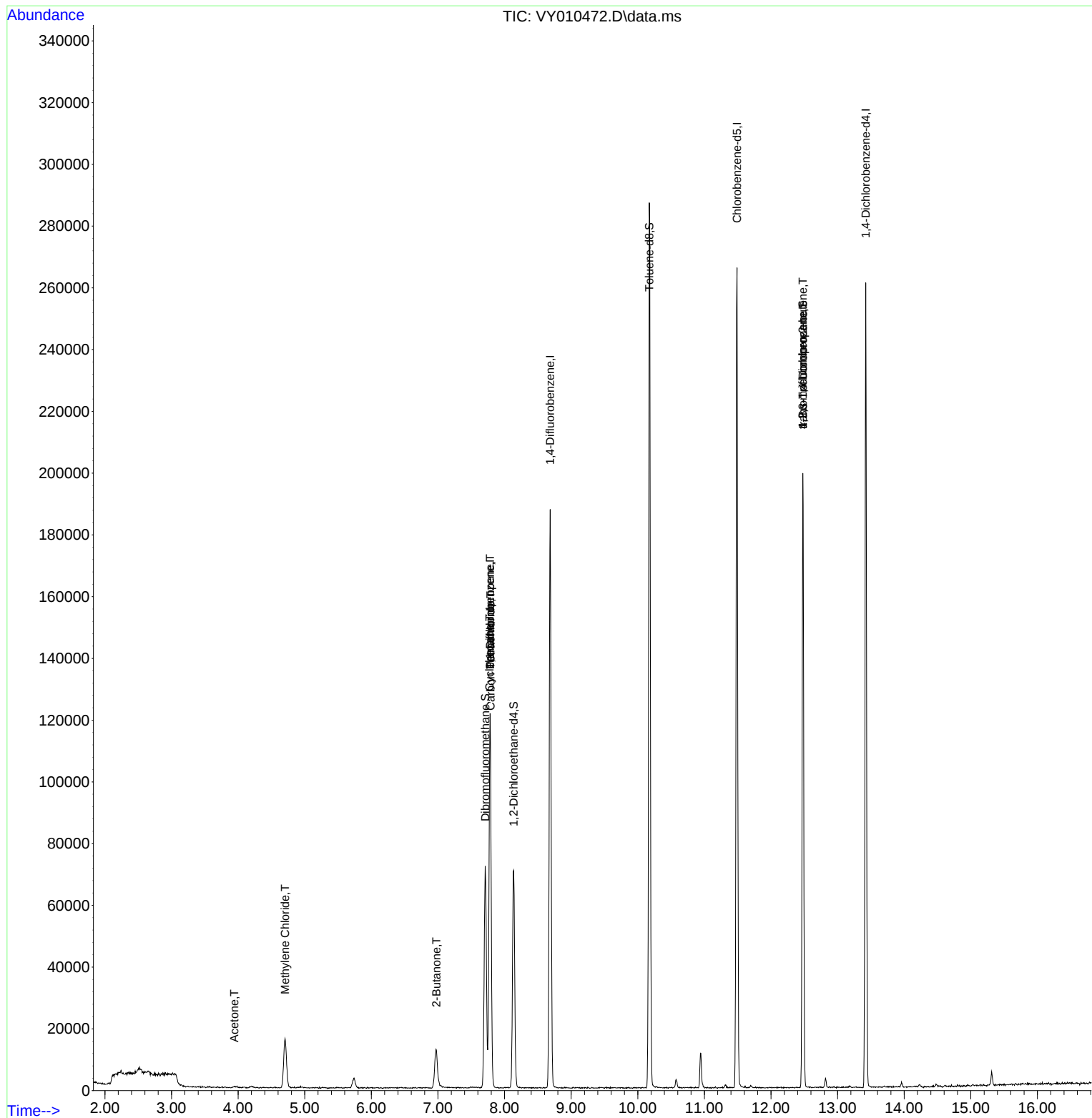
Internal Standards						
1) Pentafluorobenzene	7.783	168	93287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	159816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	56714	60.363	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.720%			
35) Dibromofluoromethane	7.710	113	51052	44.979	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.960%			
50) Toluene-d8	10.173	98	190373	51.752	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.500%			
62) 4-Bromofluorobenzene	12.477	95	61600	41.159	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.320%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	353	Below Cal	#	77
16) Acetone	3.942	43	528	2.449	ug/l	98
20) Methylene Chloride	4.704	84	12123	5.497	ug/l #	85
25) 2-Butanone	6.978	43	670	1.955	ug/l #	54
31) Cyclohexane	7.777	56	2099	1.322	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7232	4.654	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9363	5.416	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	31558	43.286	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31558	96.110	ug/l #	7

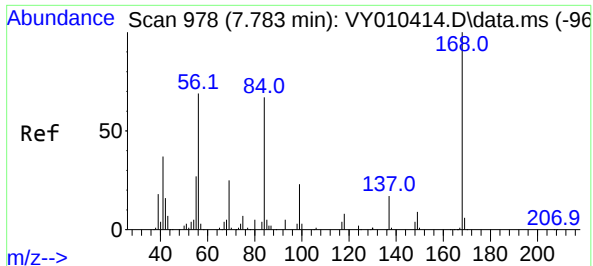
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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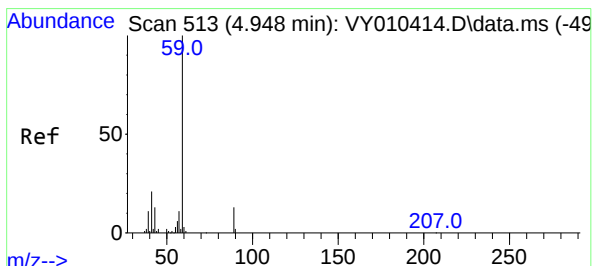
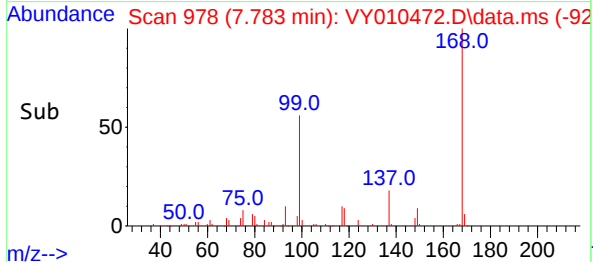
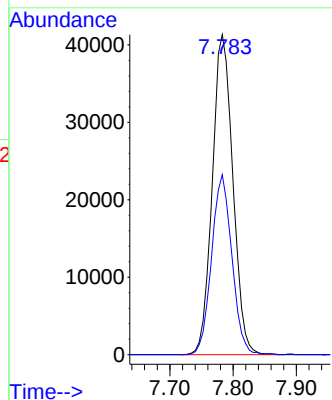
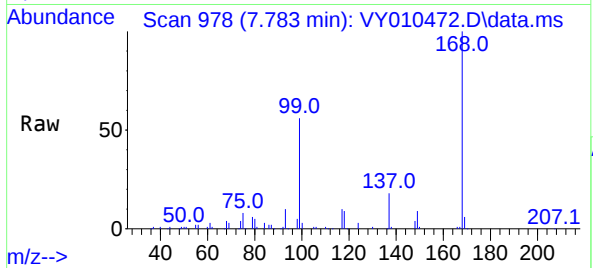




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

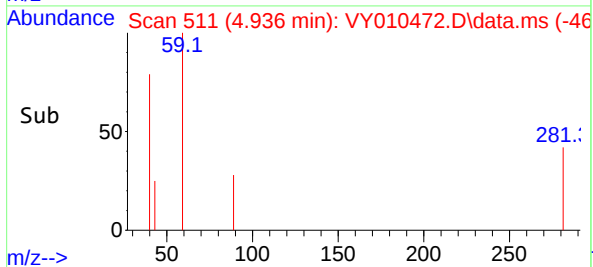
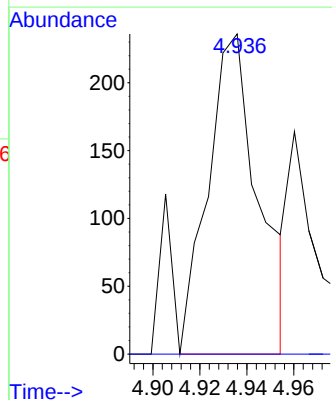
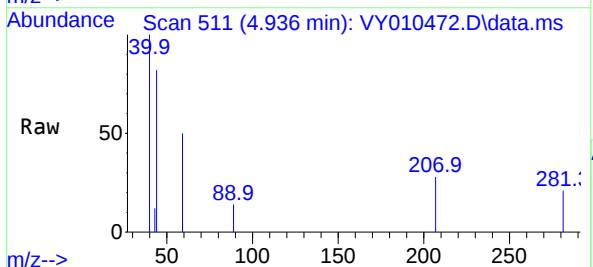
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

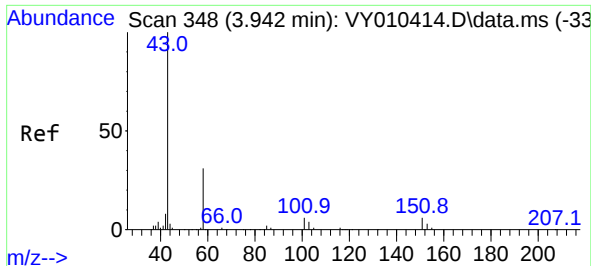
Tgt Ion:168 Resp: 93287
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

Tgt Ion: 59 Resp: 353
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

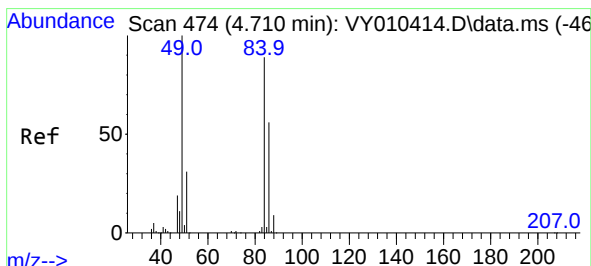
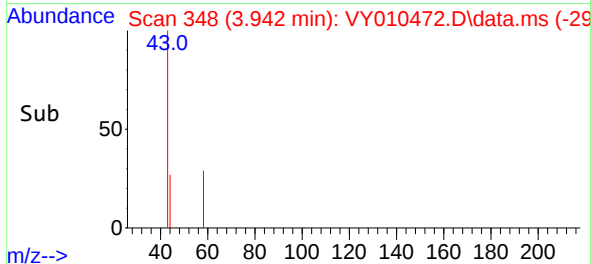
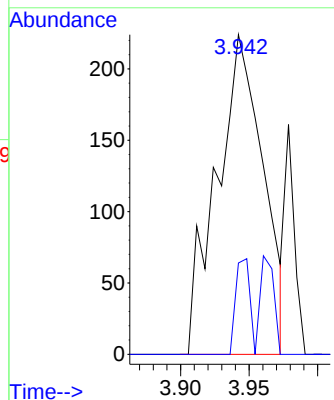
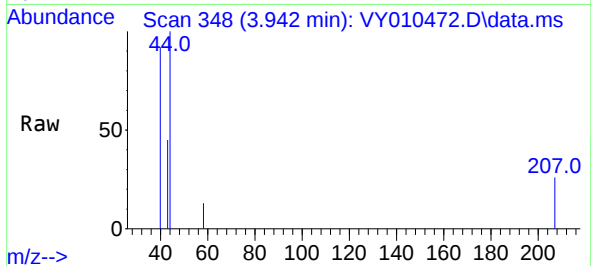




#16
Acetone
Concen: 2.449 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

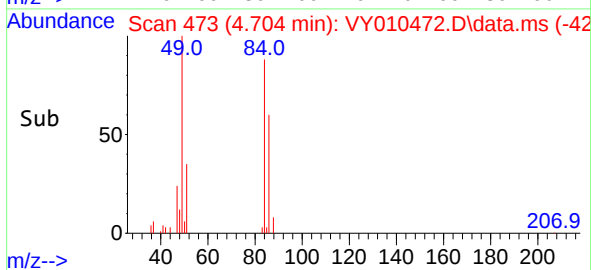
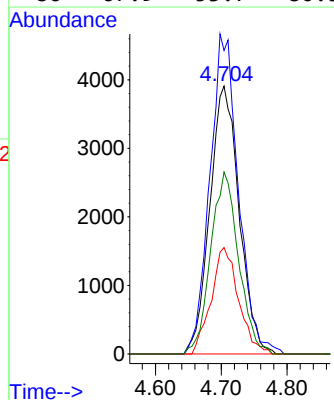
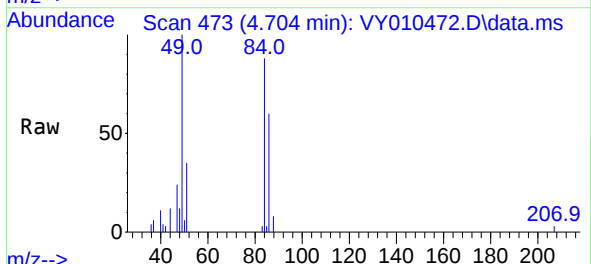
Instrument :
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ClientSampleId :
PSC-124019

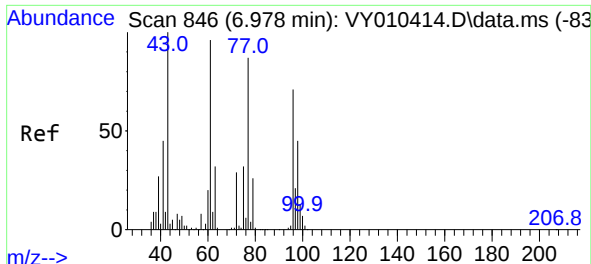
Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0



#20
Methylene Chloride
Concen: 5.497 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

Tgt Ion: 84 Resp: 12123
Ion Ratio Lower Upper
84 100
49 113.3 114.4 171.6#
51 39.7 35.3 52.9
86 67.9 53.7 80.5





#25

2-Butanone

Concen: 1.955 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010472.D

Acq: 13 Sep 2022 20:27

Instrument :

MSVOA_Y

ClientSampleId :

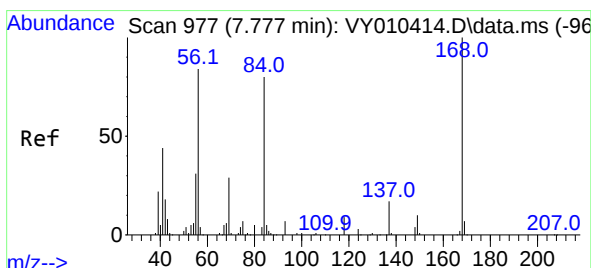
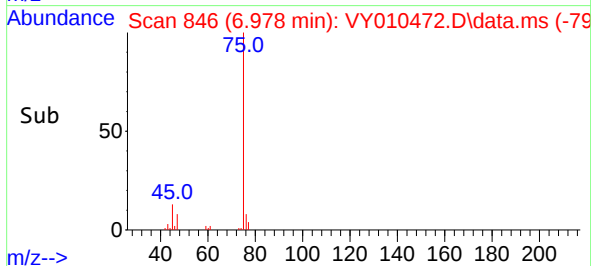
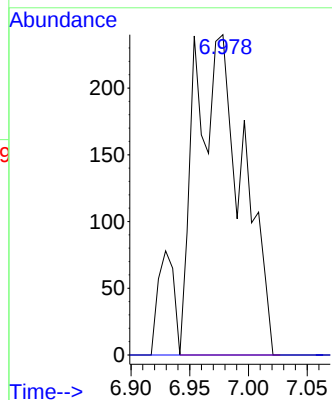
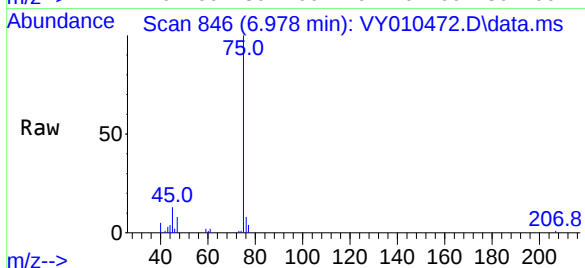
PSC-124019

Tgt Ion: 43 Resp: 670

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.322 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010472.D

Acq: 13 Sep 2022 20:27

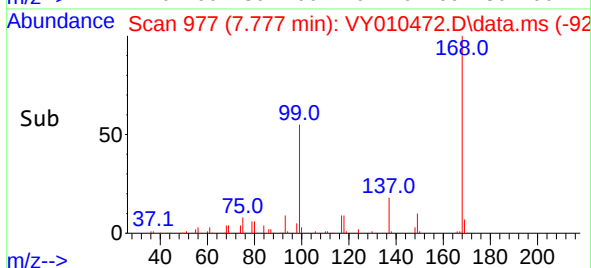
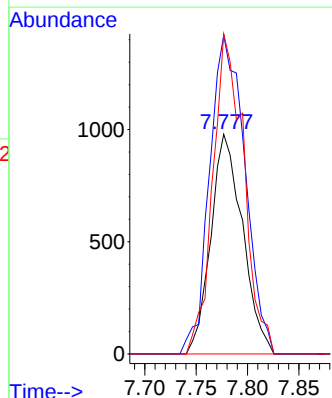
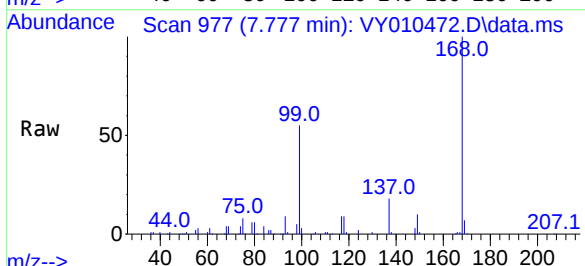
Tgt Ion: 56 Resp: 2099

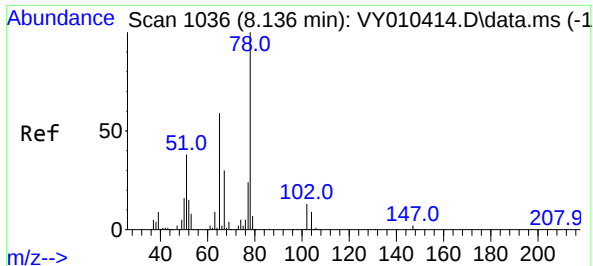
Ion Ratio Lower Upper

56 100

69 145.0 26.7 40.1#

84 145.7 67.2 100.8#

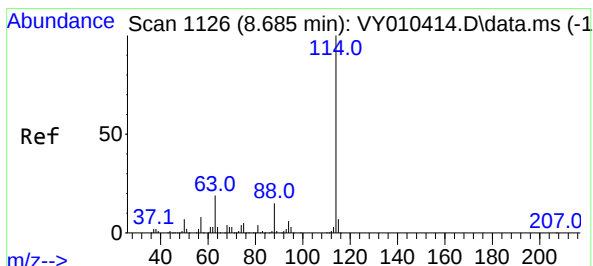
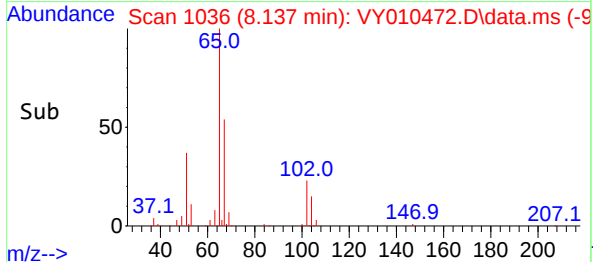
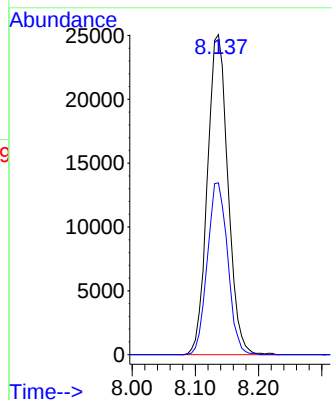
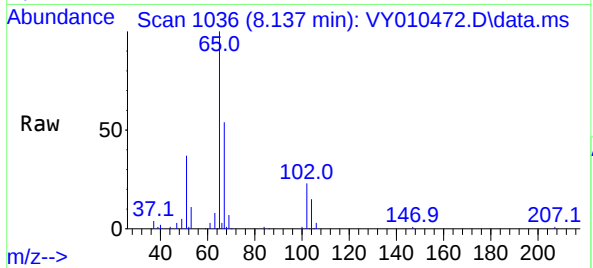




#33
 1,2-Dichloroethane-d4
 Concen: 60.363 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY010472.D
 Acq: 13 Sep 2022 20:27

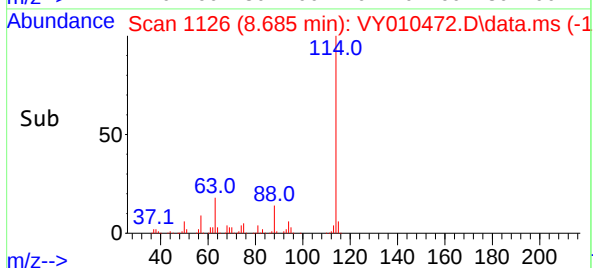
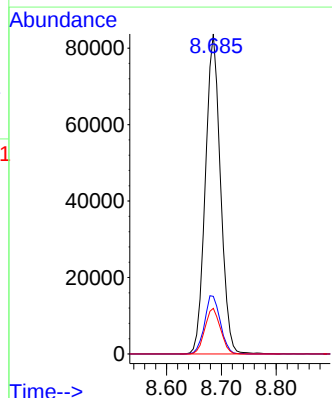
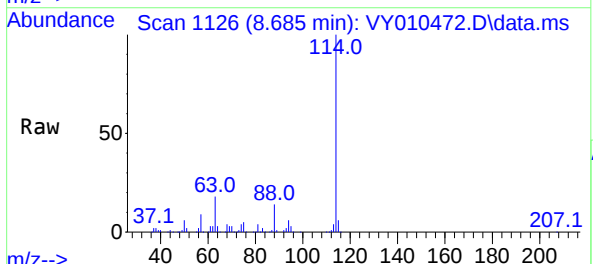
Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019

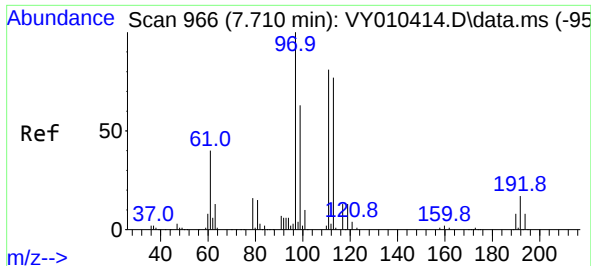
Tgt Ion: 65 Resp: 56714
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010472.D
 Acq: 13 Sep 2022 20:27

Tgt Ion: 114 Resp: 159816
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 43.2
 88 14.3 0.0 31.8

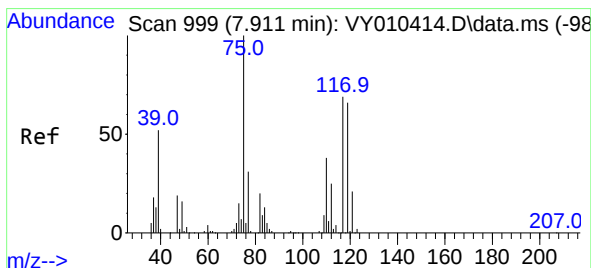
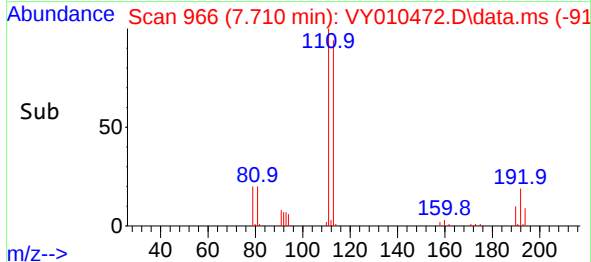
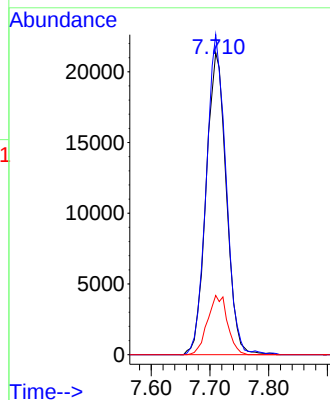
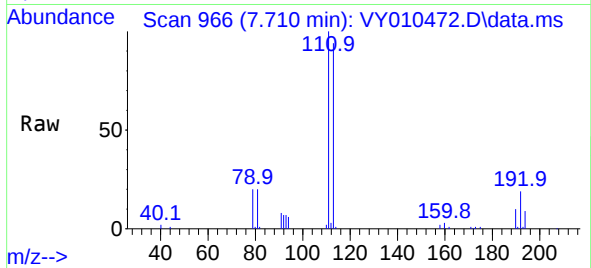




#35
Dibromofluoromethane
Concen: 44.979 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

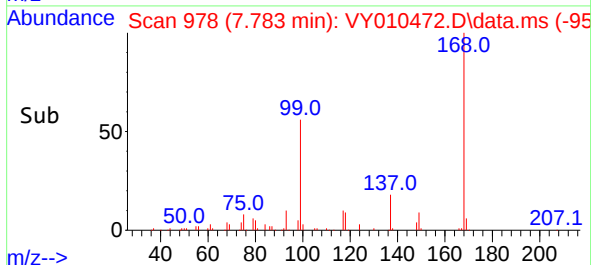
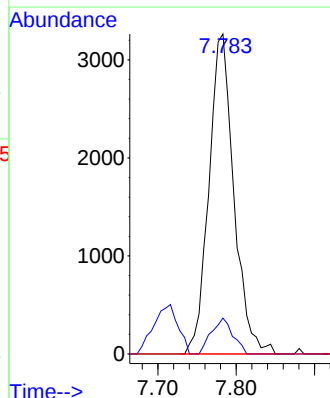
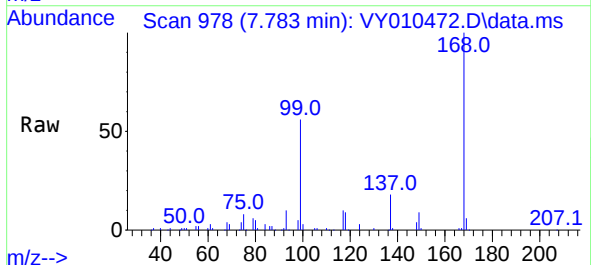
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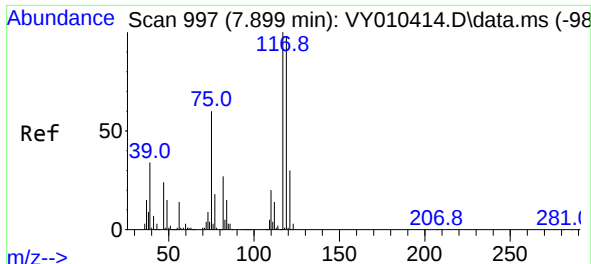
Tgt Ion:	113	Resp:	51052
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	19.4	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.654 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

Tgt Ion:	75	Resp:	7232
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.1	51.2#
77	0.0	24.4	36.6#

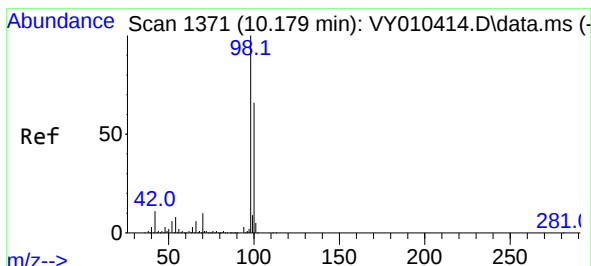
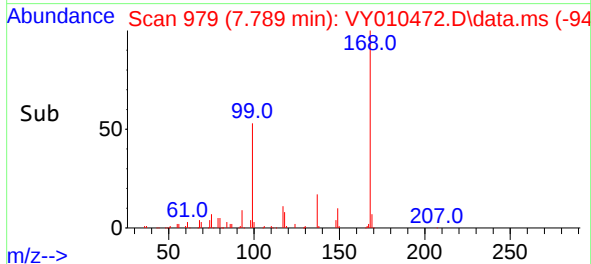
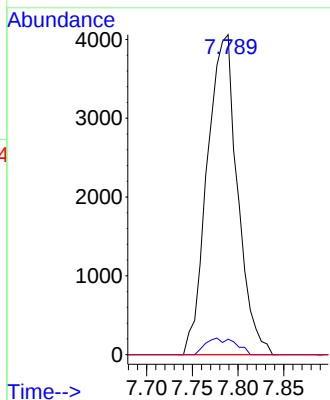
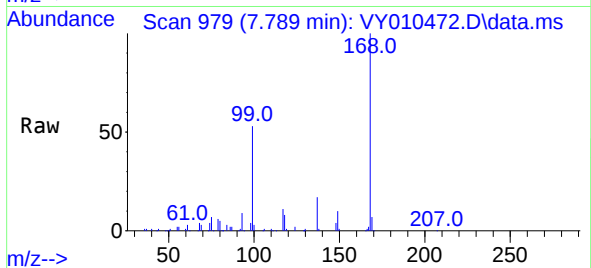




#38
Carbon Tetrachloride
Concen: 5.416 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

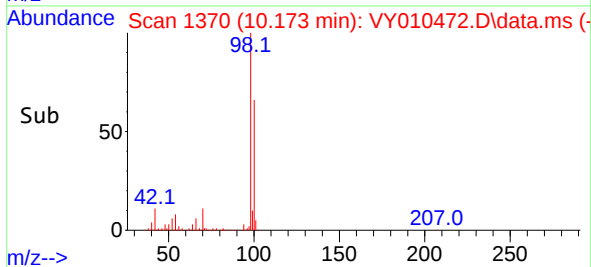
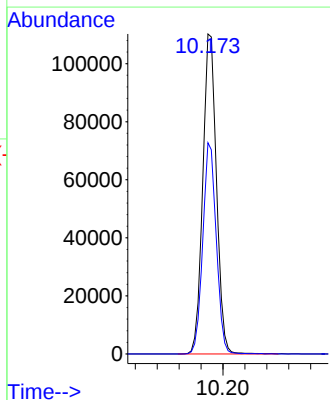
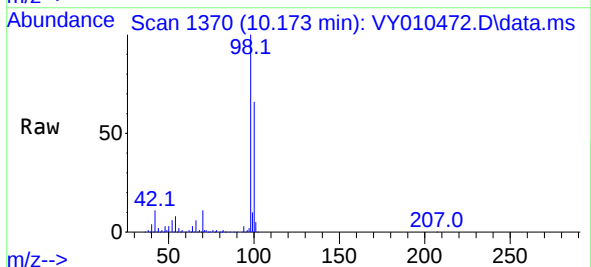
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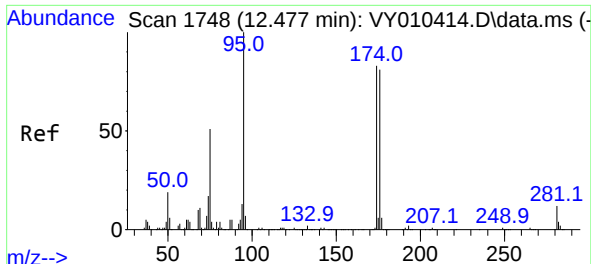
Tgt Ion:117 Resp: 9363
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.752 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

Tgt Ion: 98 Resp: 190373
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

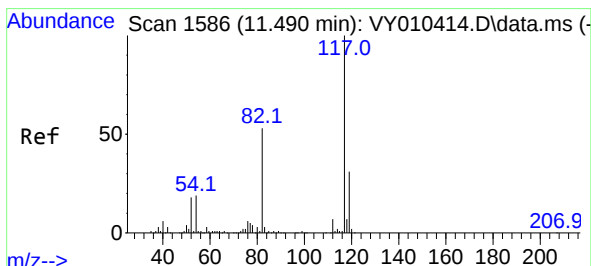
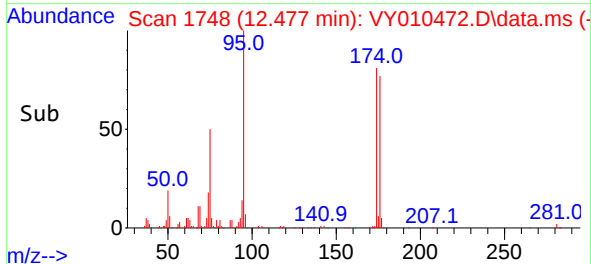
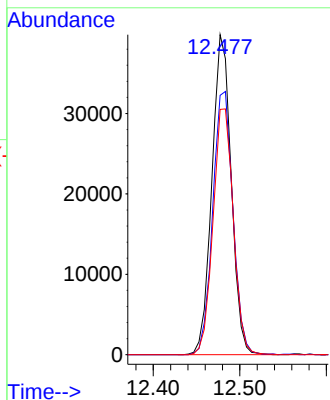
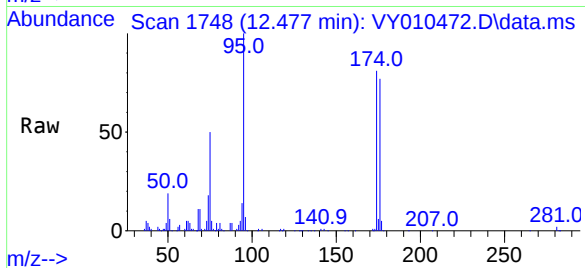




#62
4-Bromofluorobenzene
Concen: 41.159 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

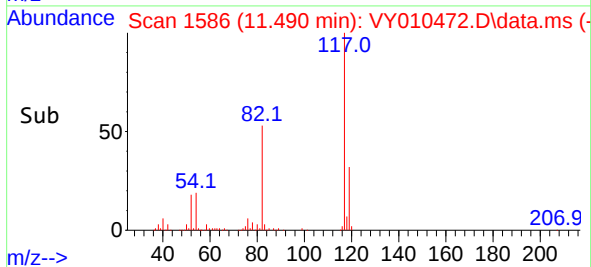
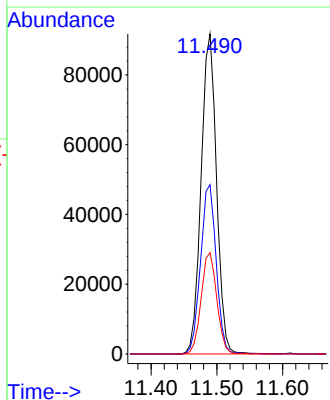
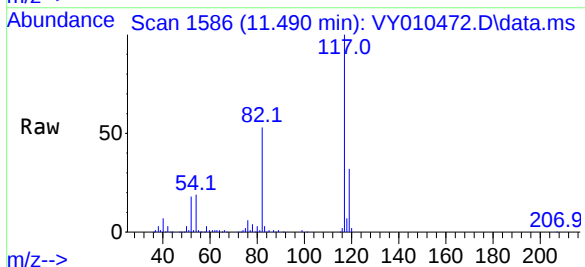
Instrument :
MSVOA_Y
ClientSampleId :
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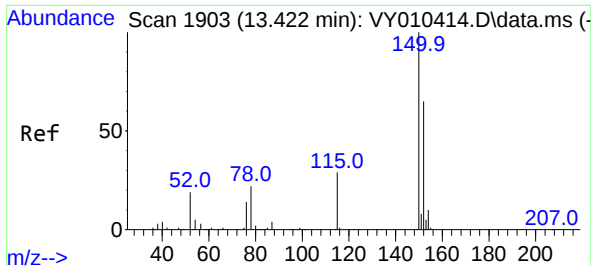
Tgt Ion: 95 Resp: 61600
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 80.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

Tgt Ion: 117 Resp: 149919
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.6 25.4 38.0

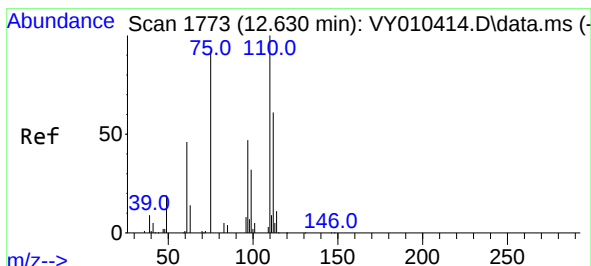
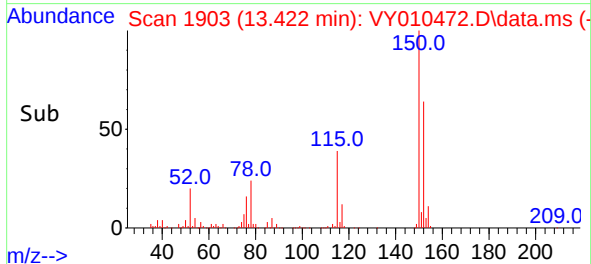
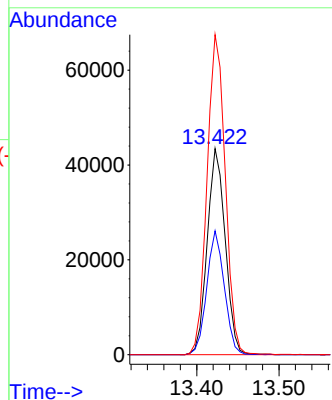
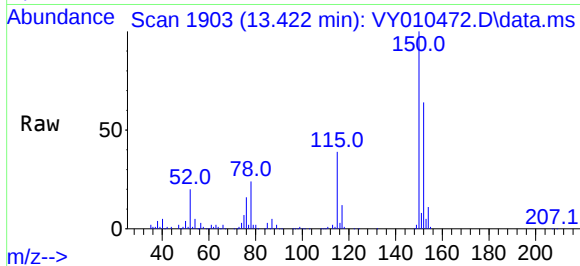




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

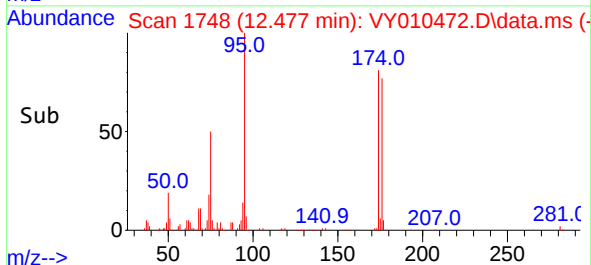
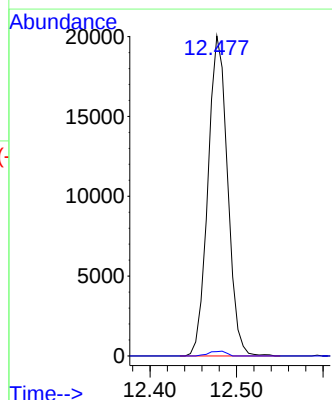
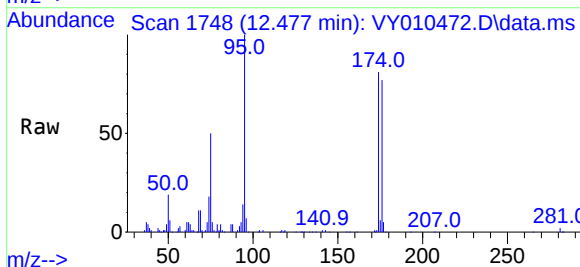
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

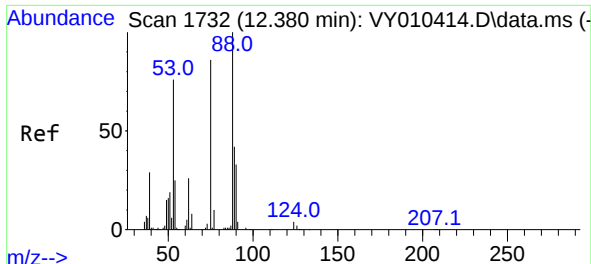
Tgt Ion:152 Resp: 66058
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 43.286 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

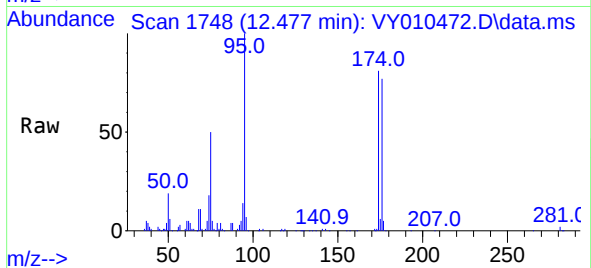
Tgt Ion: 75 Resp: 31558
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.110 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010472.D
 Acq: 13 Sep 2022 20:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019



Tgt Ion: 75 Resp: 31558

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

