

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008542.D
 Acq On : 28 Apr 2022 13:02
 Operator : KP/MD
 Sample : N2564-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164718

Quant Time: Apr 29 02:00:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

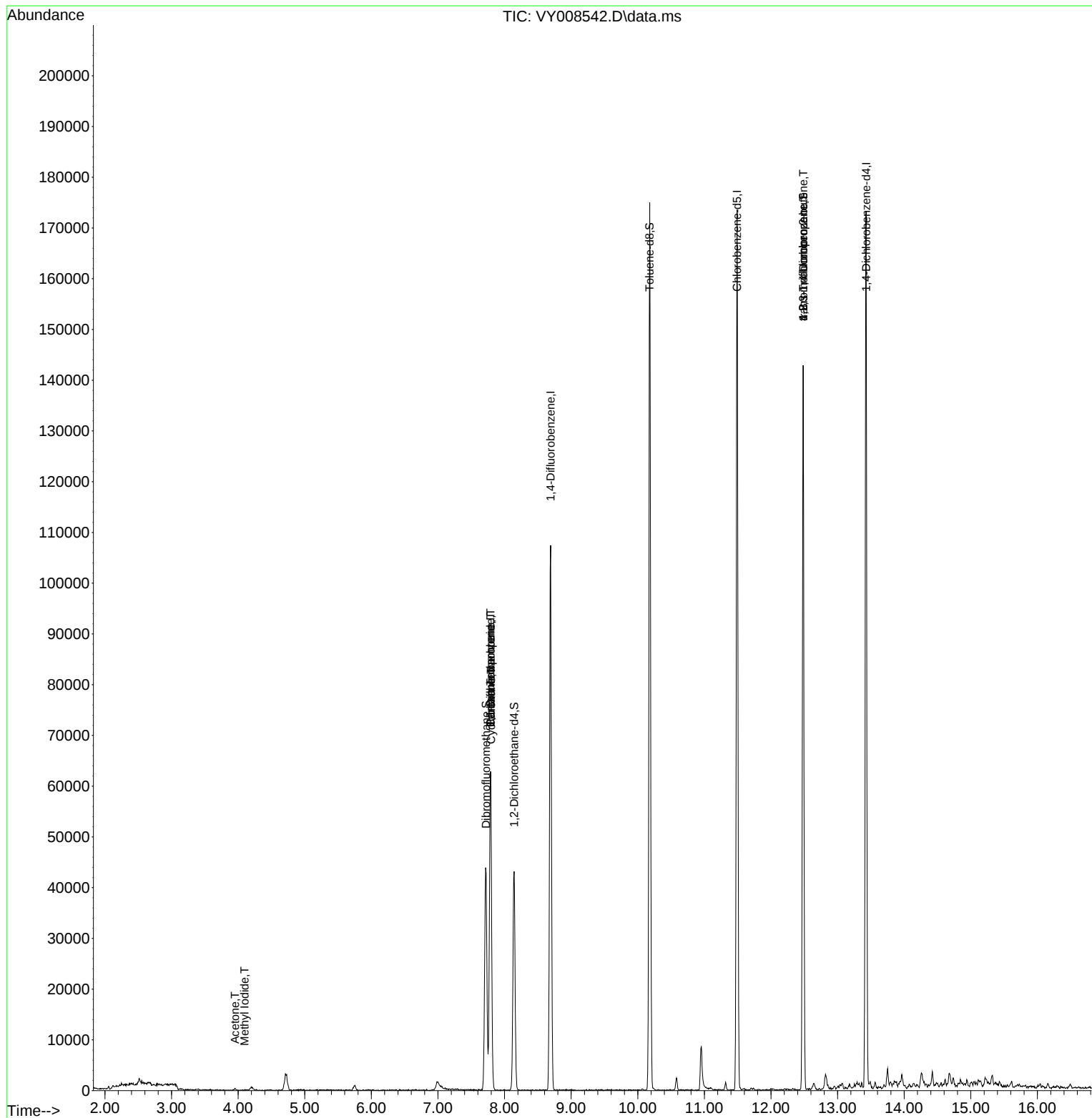
Internal Standards						
1) Pentafluorobenzene	7.789	168	49499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	92627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	95026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	33449	57.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.860%
35) Dibromofluoromethane	7.722	113	30665	51.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.600%
50) Toluene-d8	10.179	98	113750	47.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.483	95	41036	50.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.960%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	78	1.793	ug/l #	35
11) Tert butyl alcohol	4.942	59	68	Below Cal	#	77
16) Acetone	3.954	43	460	3.391	ug/l #	82
20) Methylene Chloride	4.710	84	2543	Below Cal	#	80
31) Cyclohexane	7.795	56	989	1.033	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	4078	4.289	ug/l #	49
38) Carbon Tetrachloride	7.789	117	4806	4.864	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	22234	39.589	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22234	91.843	ug/l #	7

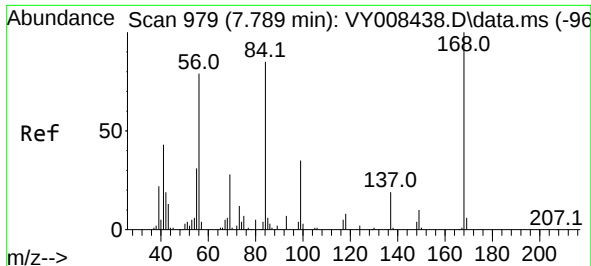
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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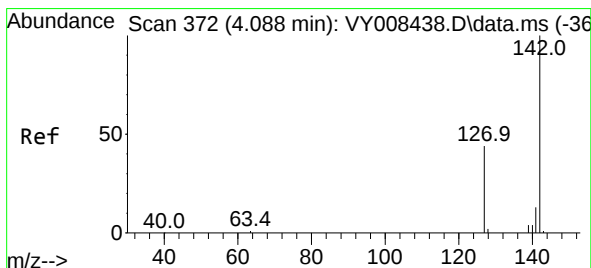
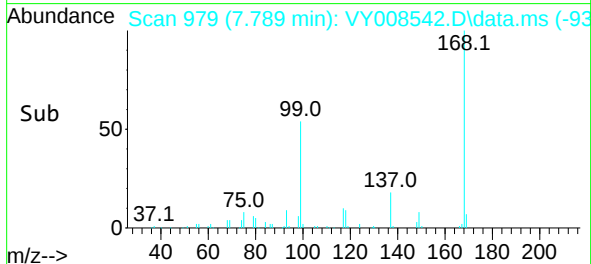
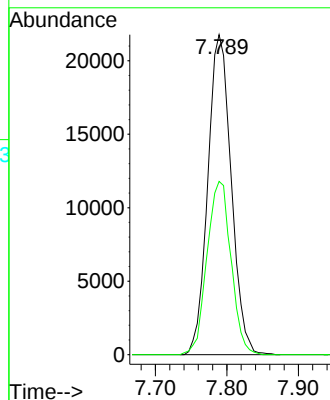
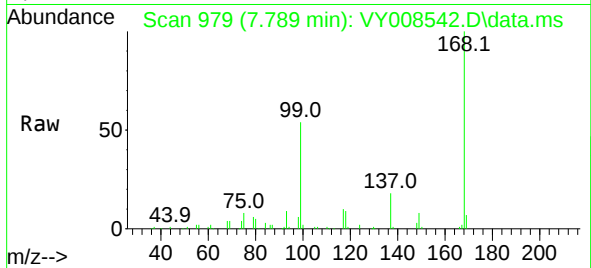




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008542.D
Acq: 28 Apr 2022 13:02

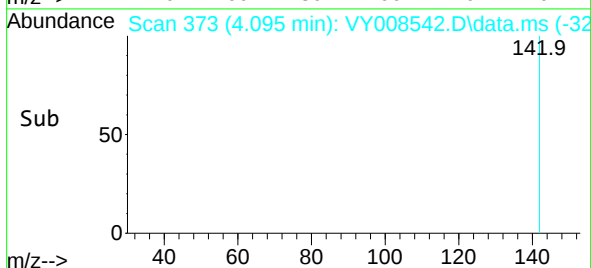
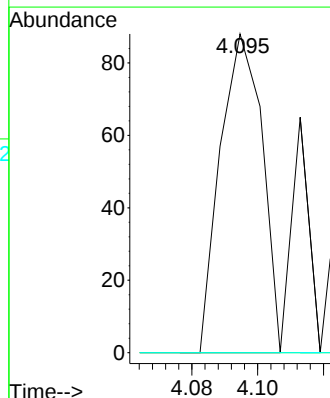
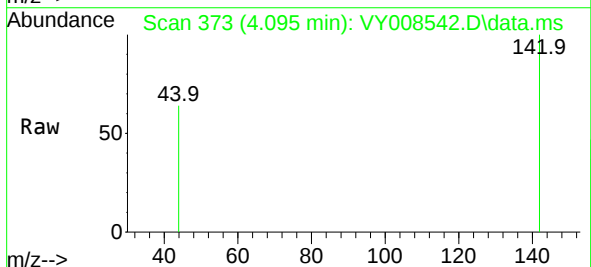
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

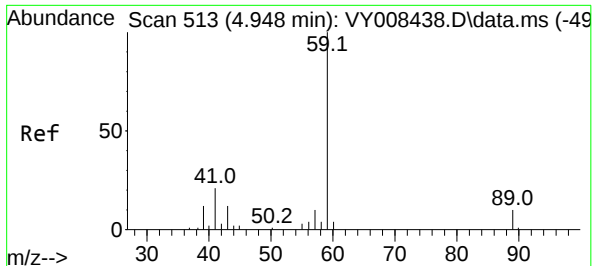
Tgt Ion:168 Resp: 49499
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#10
Methyl Iodide
Concen: 1.793 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008542.D
Acq: 28 Apr 2022 13:02

Tgt Ion:142 Resp: 78
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008542.D

Acq: 28 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

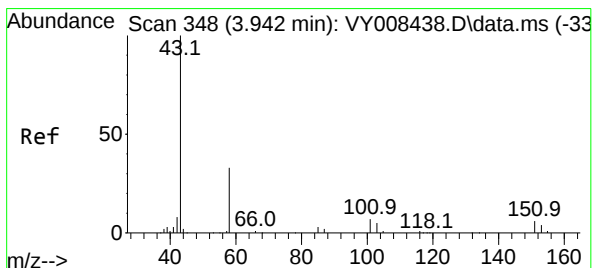
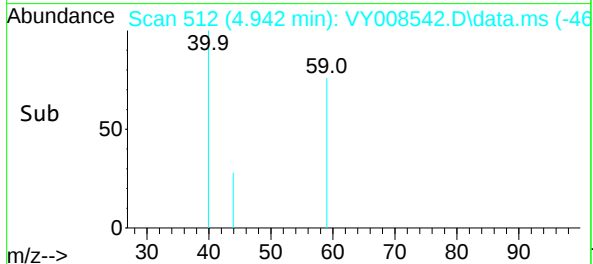
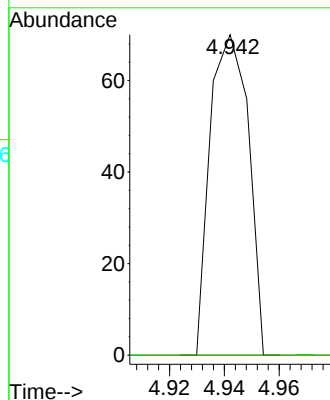
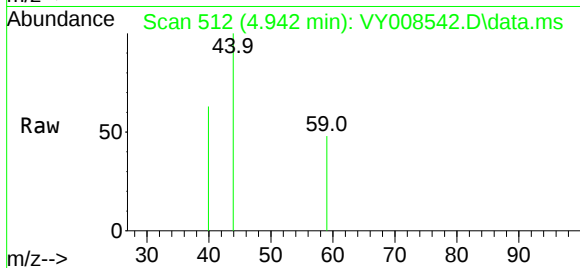
PSC-164718

Tgt Ion: 59 Resp: 68

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.391 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY008542.D

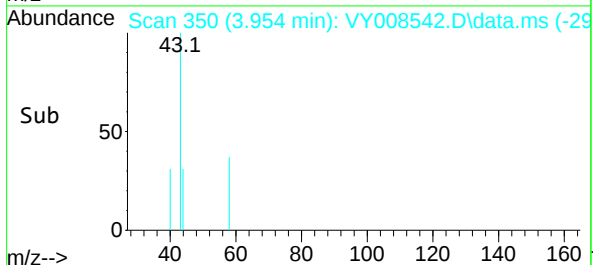
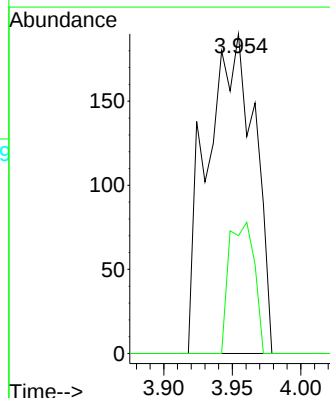
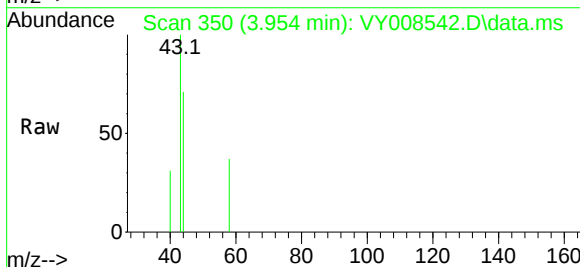
Acq: 28 Apr 2022 13:02

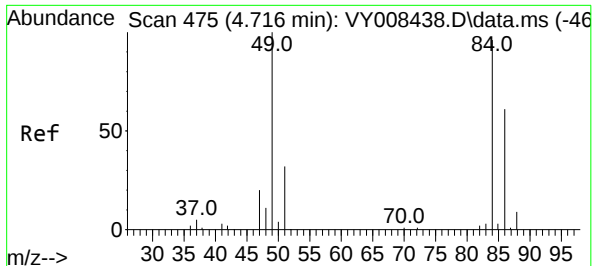
Tgt Ion: 43 Resp: 460

Ion Ratio Lower Upper

43 100

58 36.8 22.0 33.0#

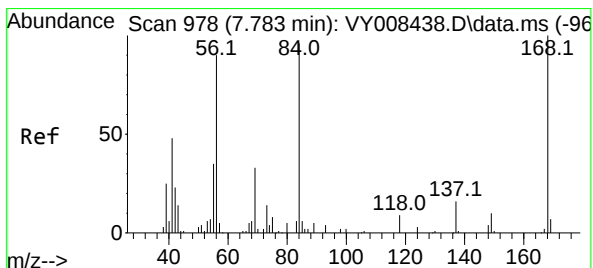
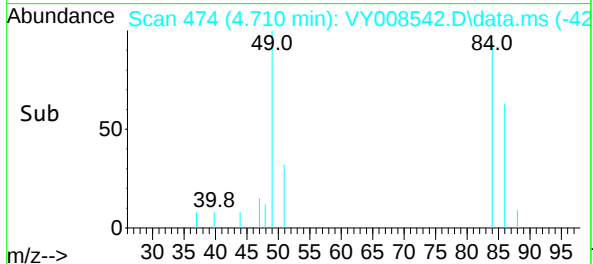
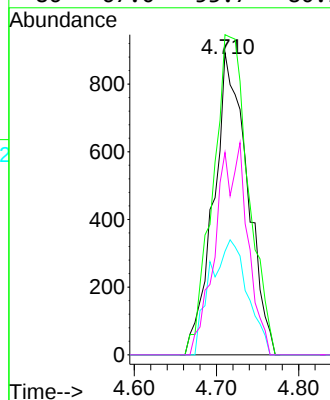
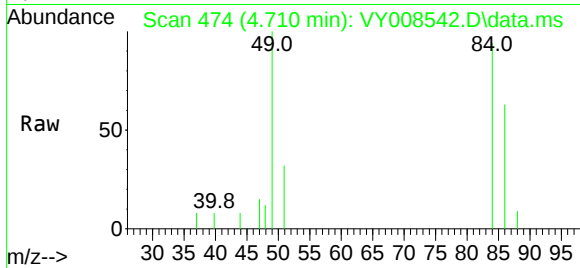




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008542.D
Acq: 28 Apr 2022 13:02

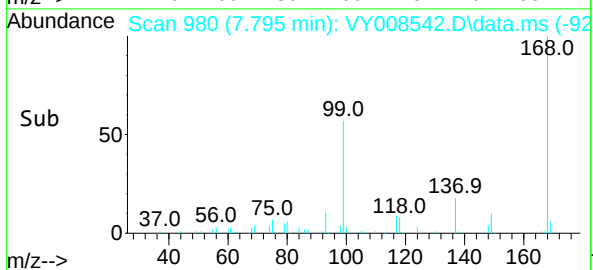
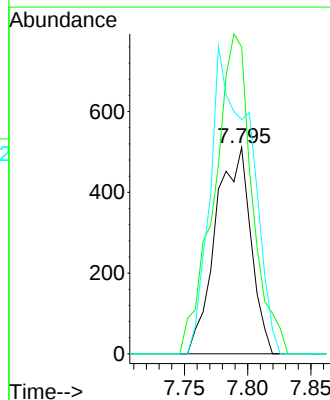
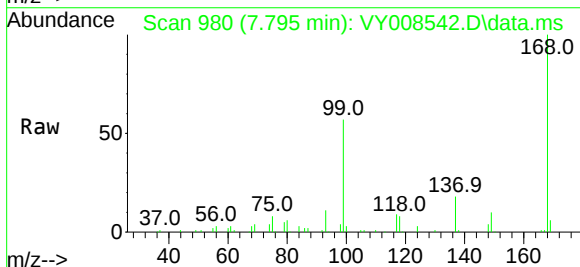
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

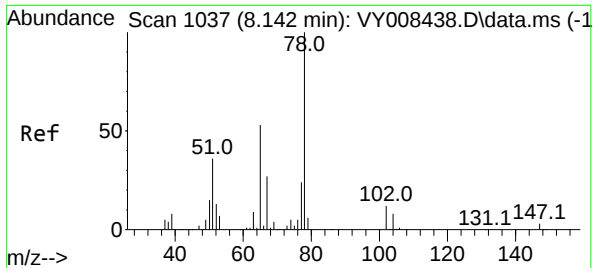
Tgt Ion:	84	Resp:	2543
Ion	Ratio	Lower	Upper
84	100		
49	105.9	114.4	171.6#
51	34.3	35.3	52.9#
86	67.0	53.7	80.5



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008542.D
Acq: 28 Apr 2022 13:02

Tgt Ion:	56	Resp:	989
Ion	Ratio	Lower	Upper
56	100		
69	148.7	26.7	40.1#
84	113.5	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.431 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008542.D

Acq: 28 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

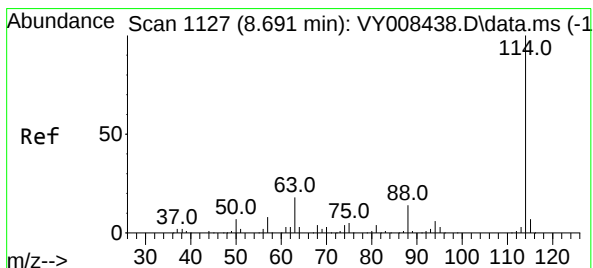
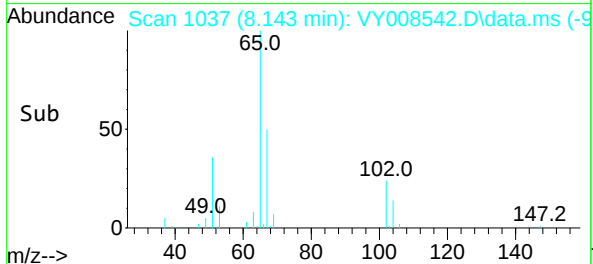
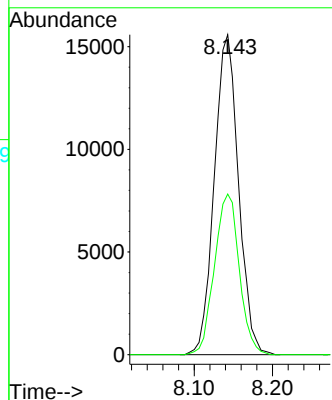
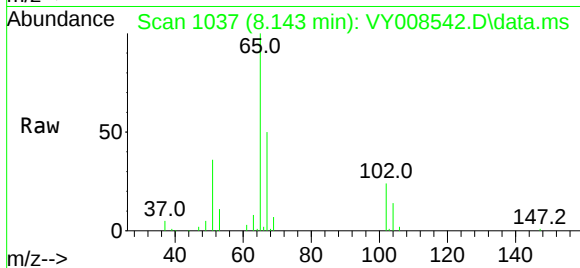
PSC-164718

Tgt Ion: 65 Resp: 33449

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008542.D

Acq: 28 Apr 2022 13:02

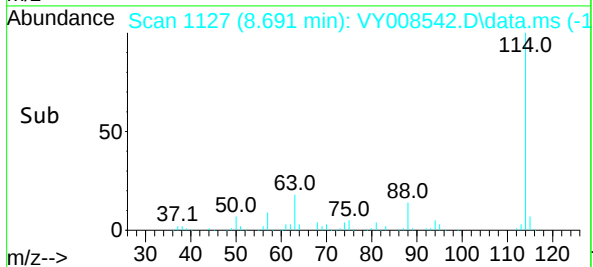
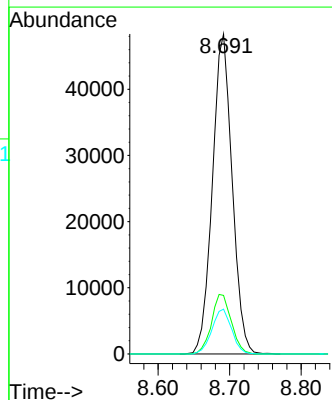
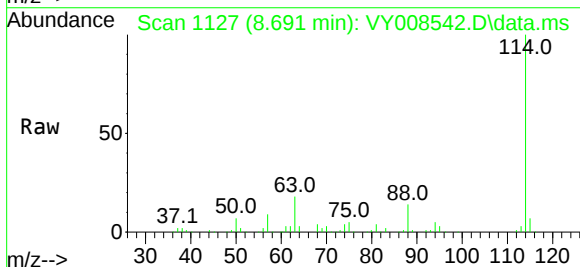
Tgt Ion: 114 Resp: 92627

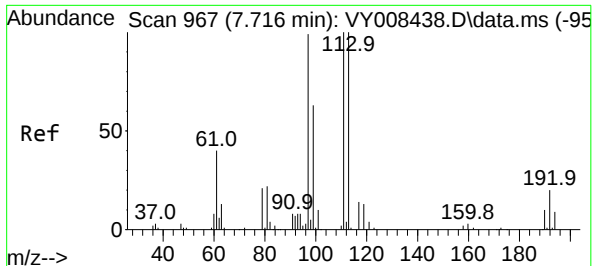
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.297 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY008542.D

Acq: 28 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

PSC-164718

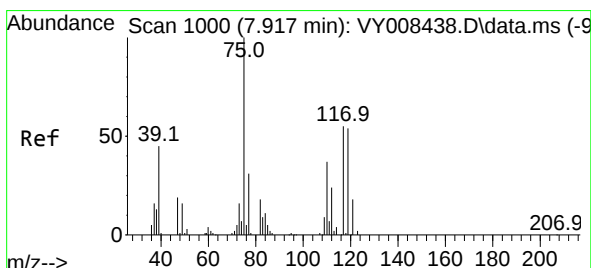
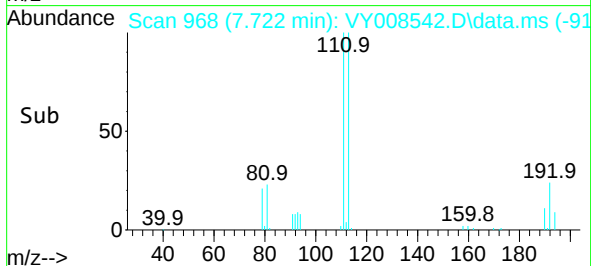
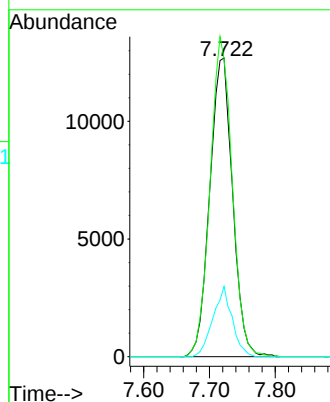
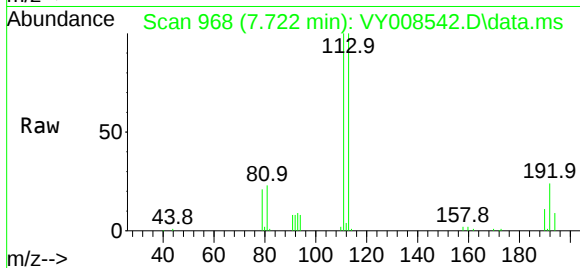
Tgt Ion:113 Resp: 30665

Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 19.8 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.289 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY008542.D

Acq: 28 Apr 2022 13:02

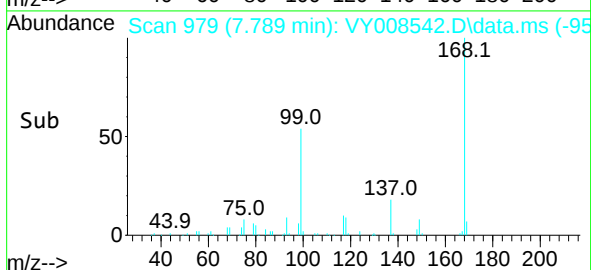
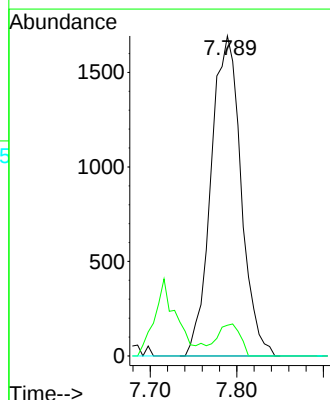
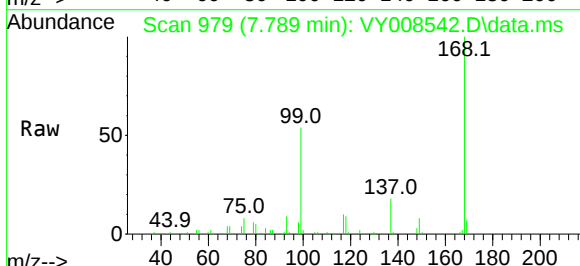
Tgt Ion: 75 Resp: 4078

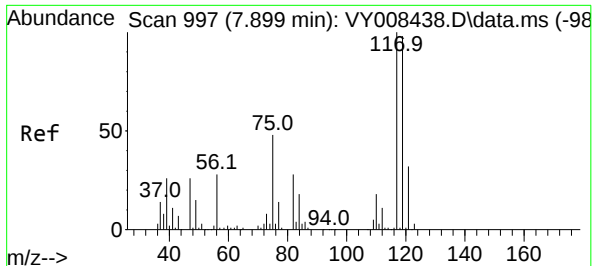
Ion Ratio Lower Upper

75 100

110 7.6 17.1 51.2#

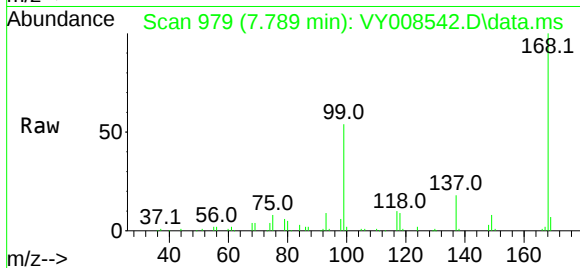
77 0.0 24.4 36.6#



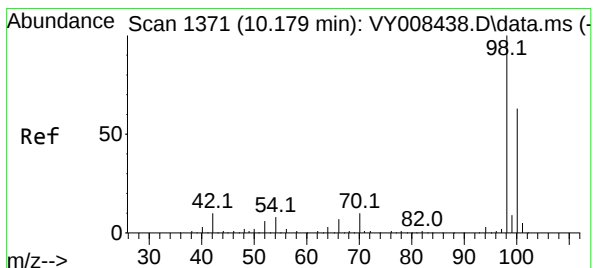
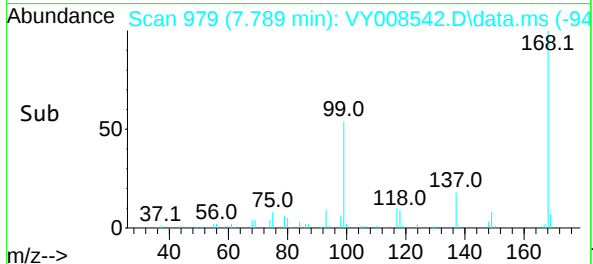
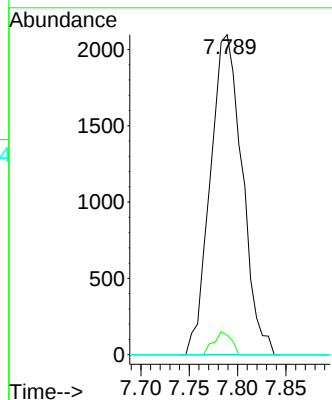


#38
Carbon Tetrachloride
Concen: 4.864 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008542.D
Acq: 28 Apr 2022 13:02

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

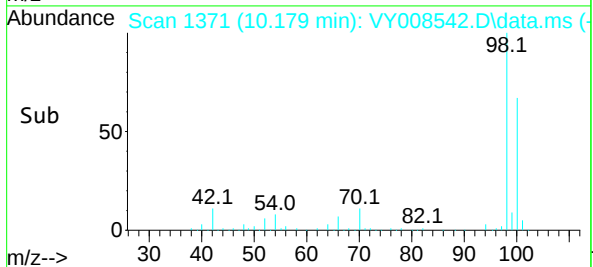
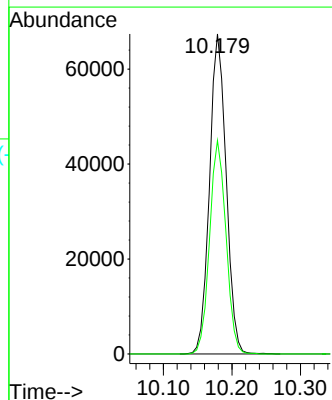
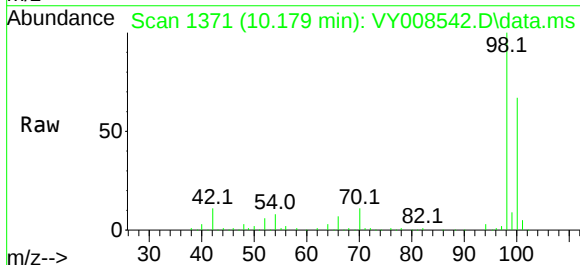


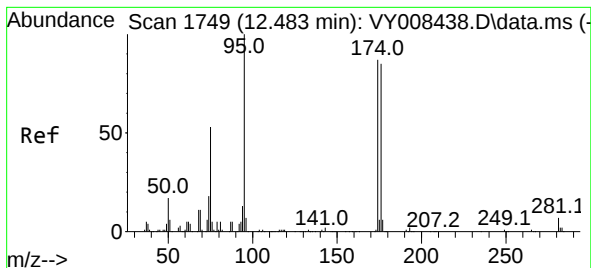
Tgt Ion:117 Resp: 4806
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.845 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008542.D
Acq: 28 Apr 2022 13:02

Tgt Ion: 98 Resp: 113750
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

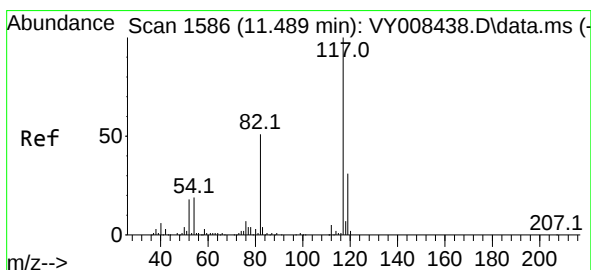
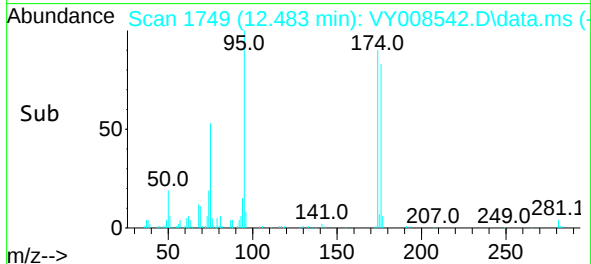
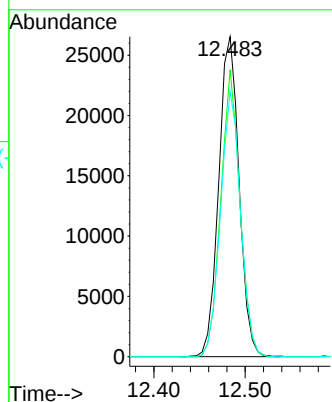
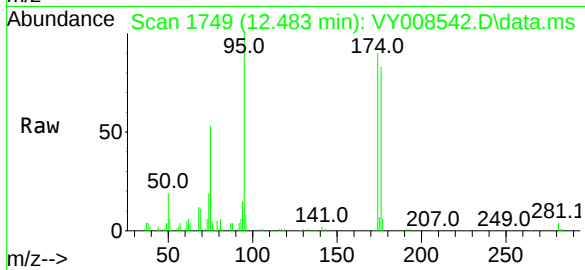




#62
4-Bromofluorobenzene
Concen: 50.979 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008542.D
Acq: 28 Apr 2022 13:02

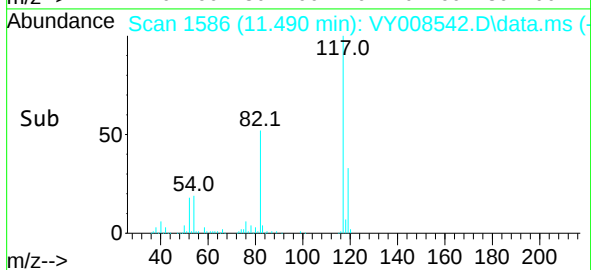
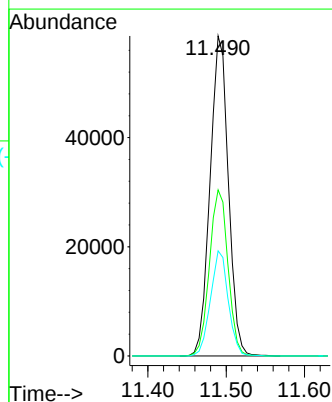
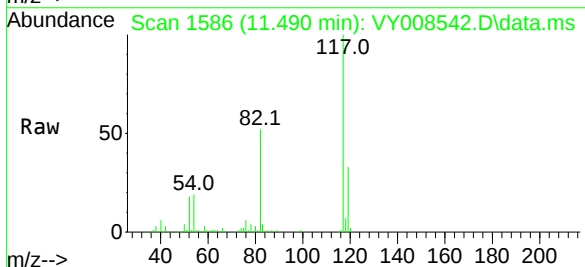
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

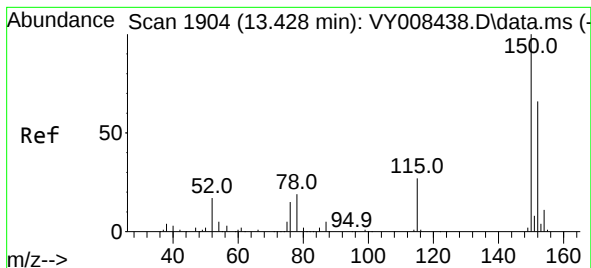
Tgt Ion: 95 Resp: 41036
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 81.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008542.D
Acq: 28 Apr 2022 13:02

Tgt Ion: 117 Resp: 95026
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.9 25.4 38.0

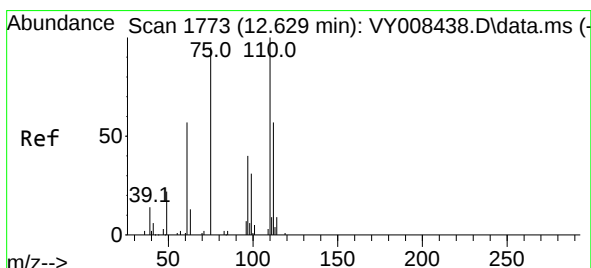
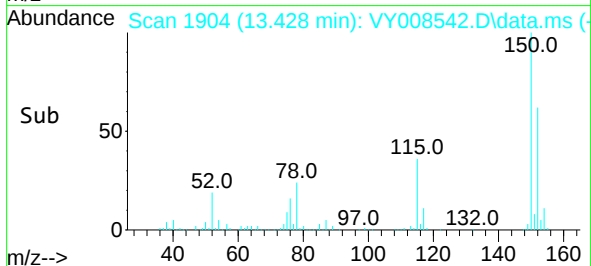
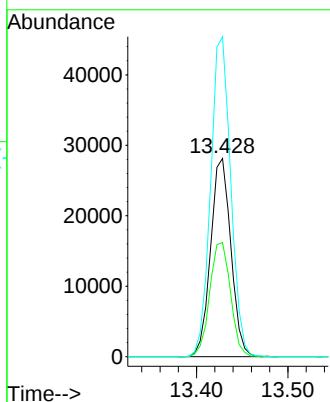
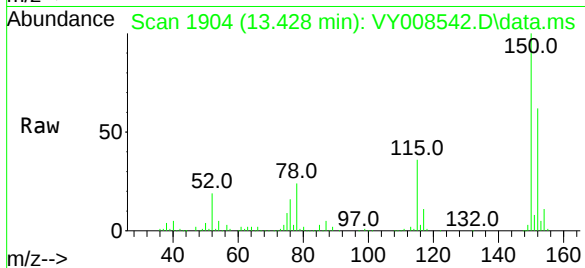




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008542.D
 Acq: 28 Apr 2022 13:02

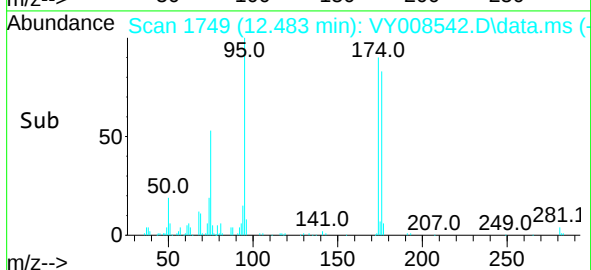
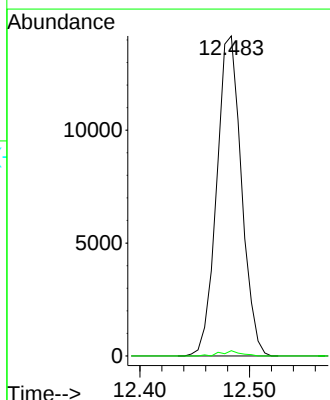
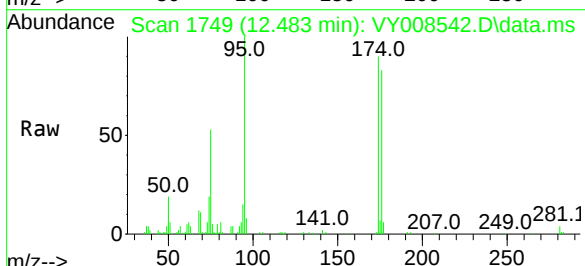
Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164718

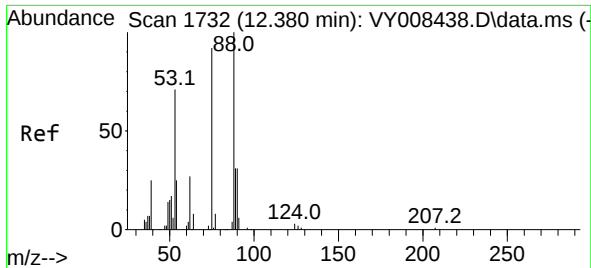
Tgt Ion:152 Resp: 43396
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.2 84.7
 150 159.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.589 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008542.D
 Acq: 28 Apr 2022 13:02

Tgt Ion: 75 Resp: 22234
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.843 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008542.D
 Acq: 28 Apr 2022 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164718

Tgt Ion: 75 Resp: 22234
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

