

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010140.D
 Acq On : 20 Aug 2022 06:43
 Operator : KP/MD
 Sample : N4124-04
 Misc : 8.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SSP4

Quant Time: Aug 22 02:55:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

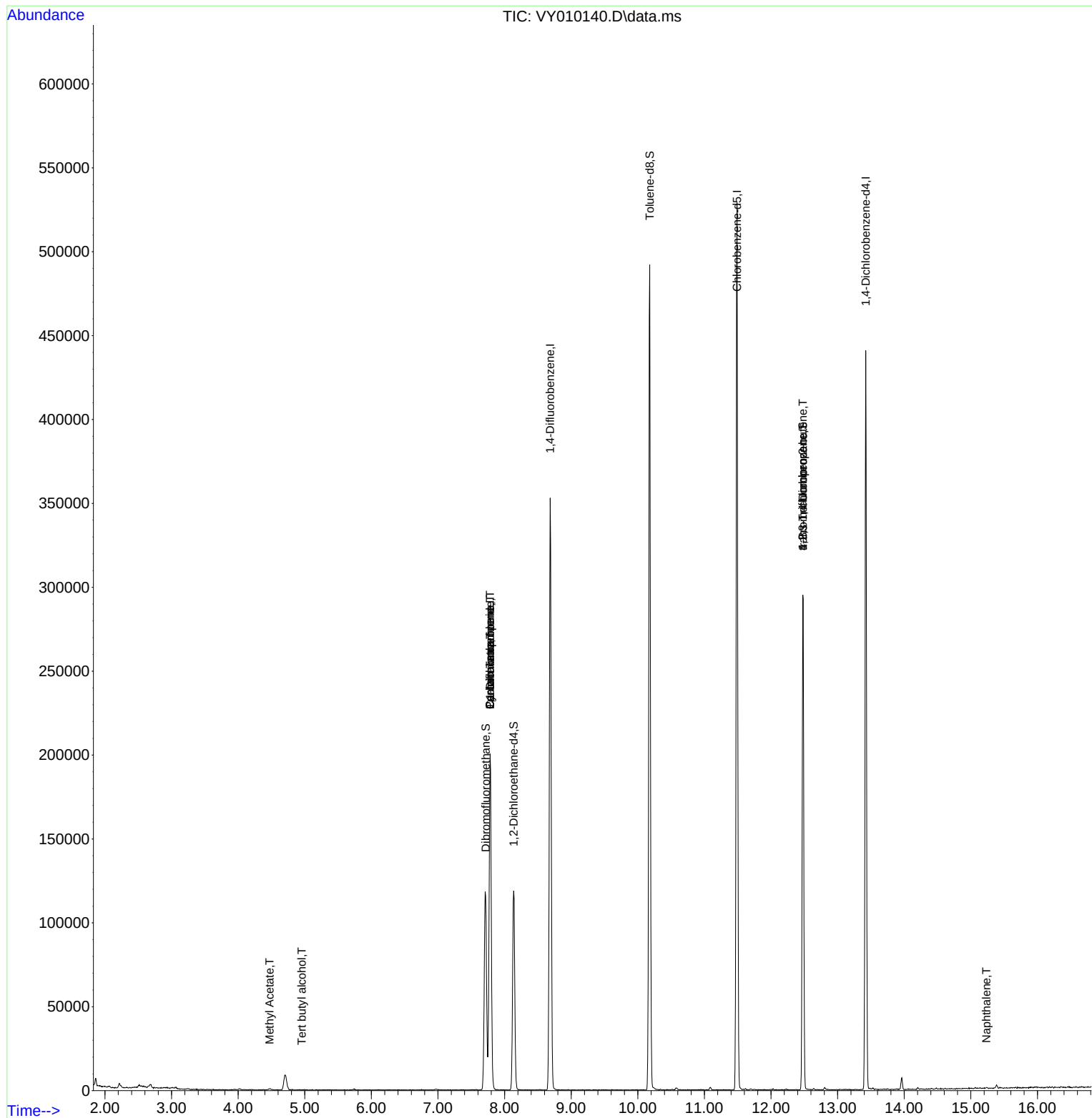
Internal Standards						
1) Pentafluorobenzene	7.783	168	161458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91330	69.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.120%	
35) Dibromofluoromethane	7.716	113	87121	49.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.880%	
50) Toluene-d8	10.179	98	321838	48.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	12.477	95	94209	39.936	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.880%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	23	10.615	ug/l #	73
18) Methyl Acetate	4.472	43	1406	1.386	ug/l #	87
20) Methylene Chloride	4.710	84	6989	Below Cal		96
31) Cyclohexane	7.783	56	3052	1.126	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11414	4.058	ug/l #	47
38) Carbon Tetrachloride	7.783	117	15434	5.233	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	45747	42.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45747	85.584	ug/l #	18
95) Naphthalene	15.233	128	645	4.024	ug/l #	76

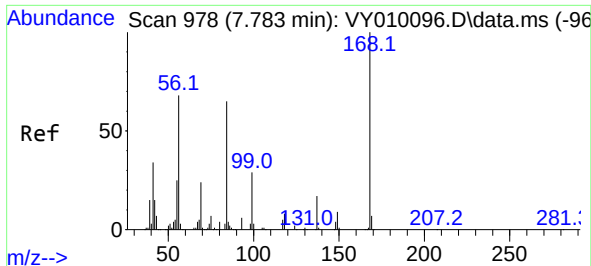
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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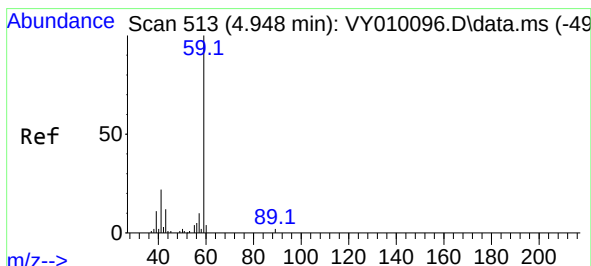
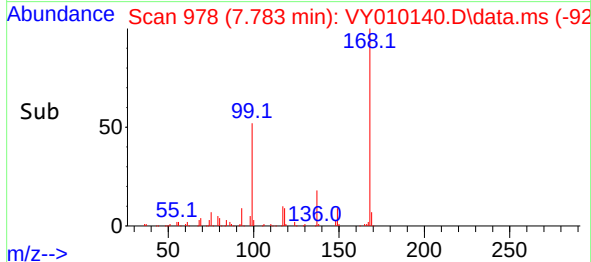
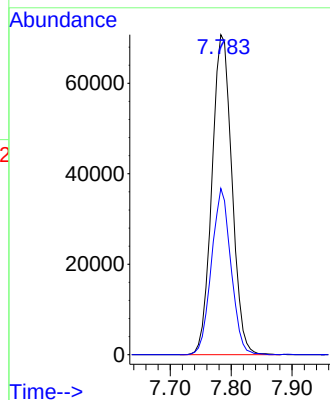
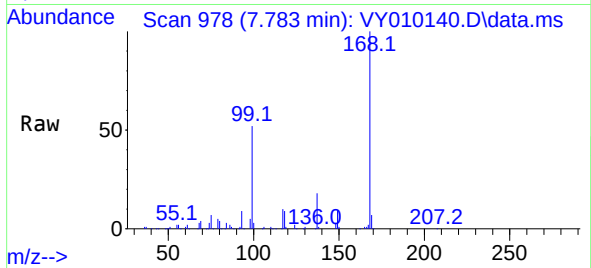




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

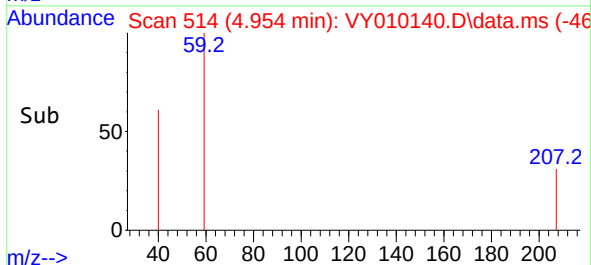
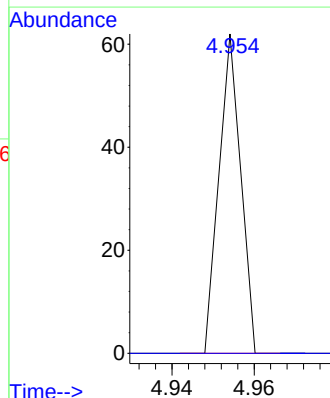
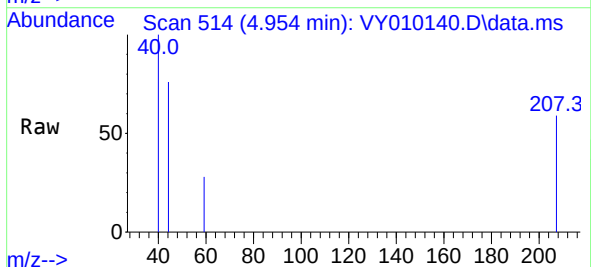
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

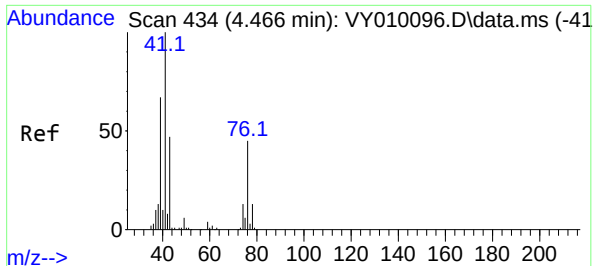
Tgt Ion:168 Resp: 161458
Ion Ratio Lower Upper
168 100
99 52.0 40.7 61.1



#11
Tert butyl alcohol
Concen: 10.615 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion: 59 Resp: 23
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

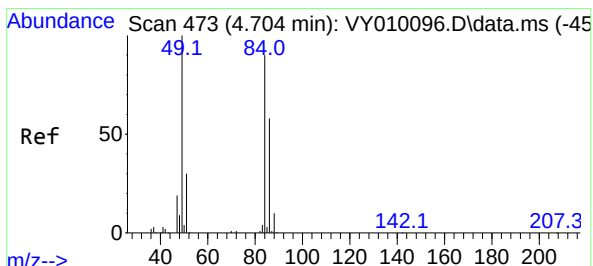
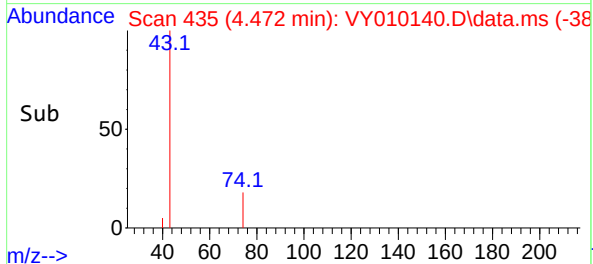
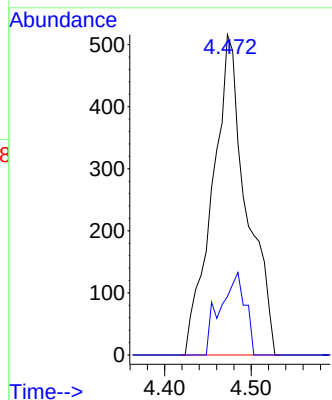
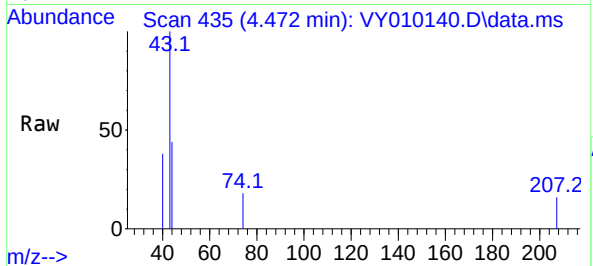




#18
Methyl Acetate
Concen: 1.386 ug/l
RT: 4.472 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

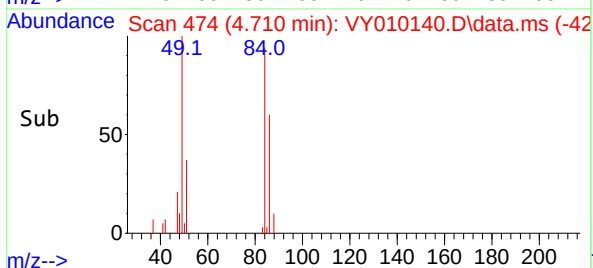
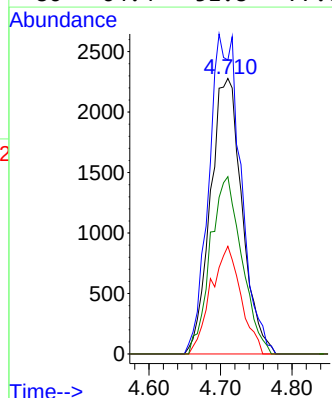
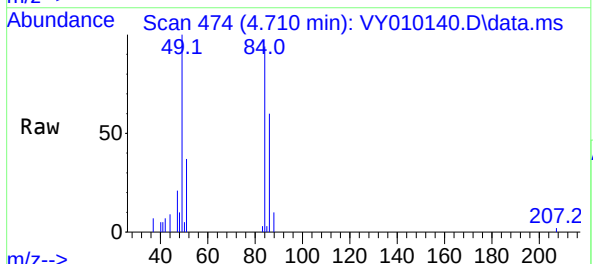
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

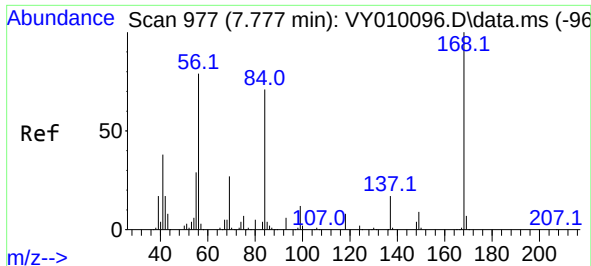
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
74 18.9 20.2 30.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion: 84 Resp: 6989
Ion Ratio Lower Upper
84 100
49 106.7 89.0 133.4
51 39.1 27.0 40.6
86 64.4 51.8 77.6

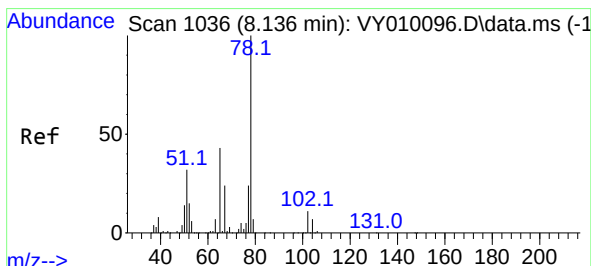
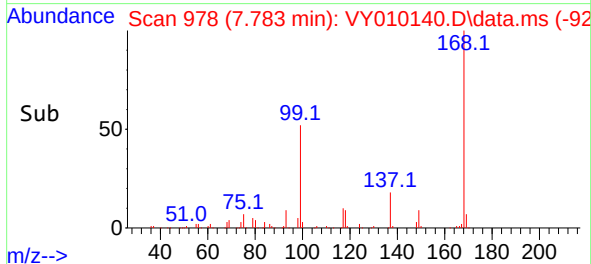
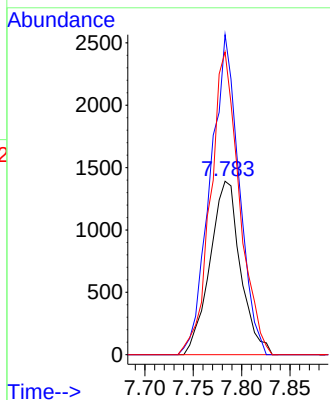
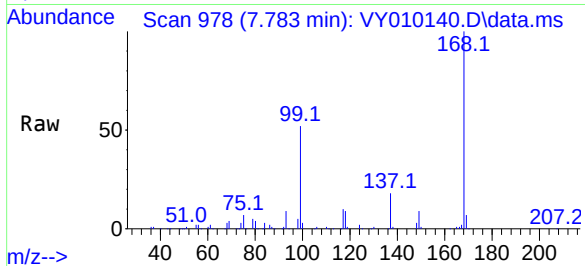




#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

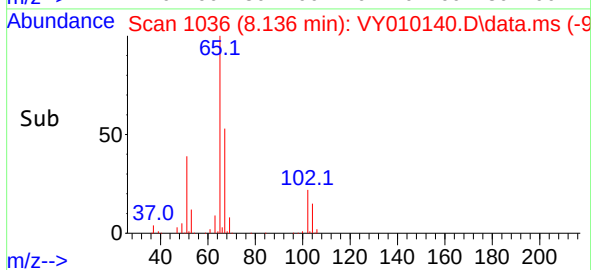
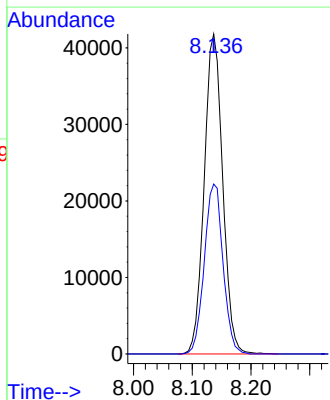
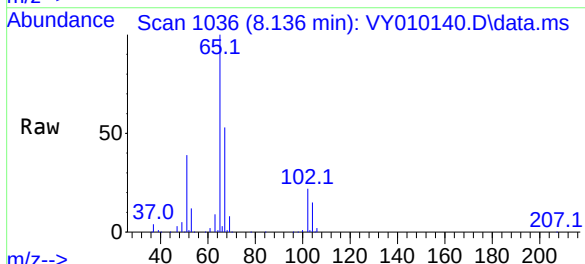
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

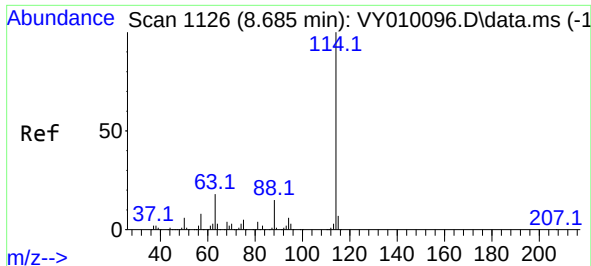
Tgt Ion: 56 Resp: 3052
Ion Ratio Lower Upper
56 100
69 184.5 27.3 40.9#
84 174.5 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 69.059 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion: 65 Resp: 91330
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6

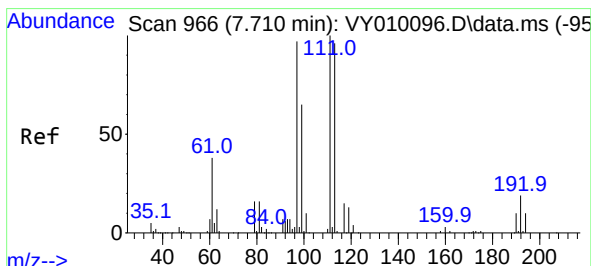
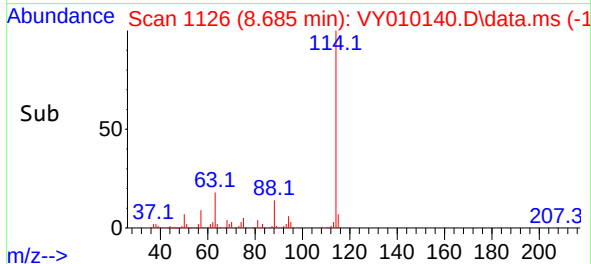
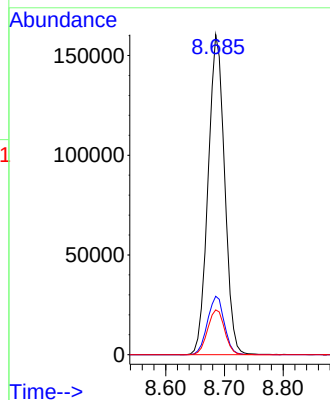
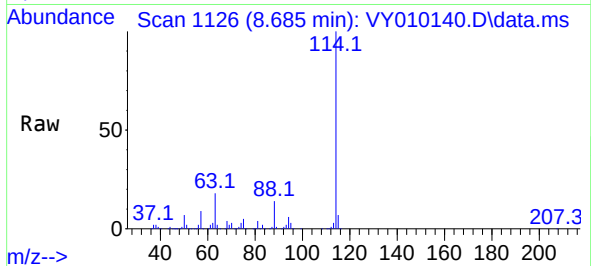




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

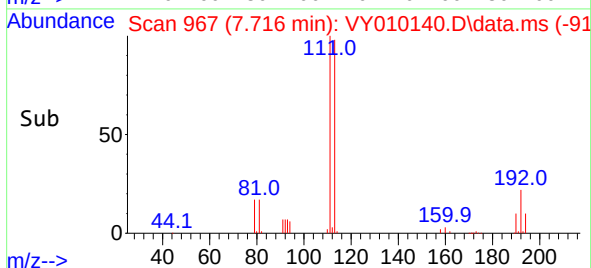
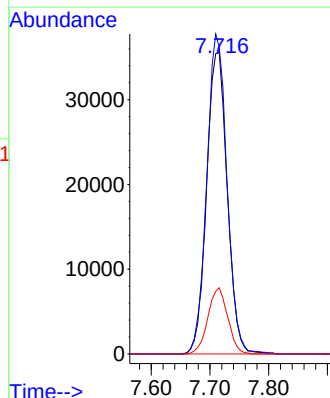
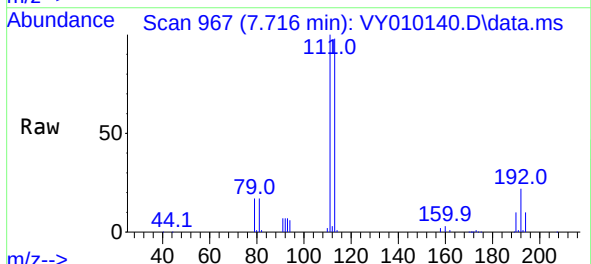
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

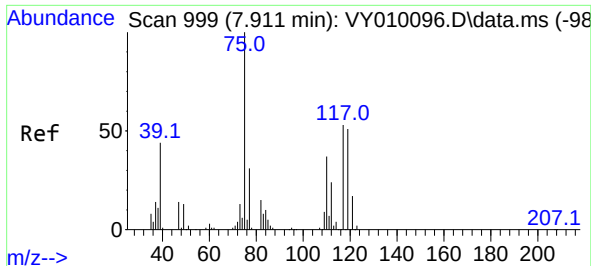
Tgt Ion:114 Resp: 312700
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.6
88 14.0 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.444 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion:113 Resp: 87121
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 21.0 16.3 24.5

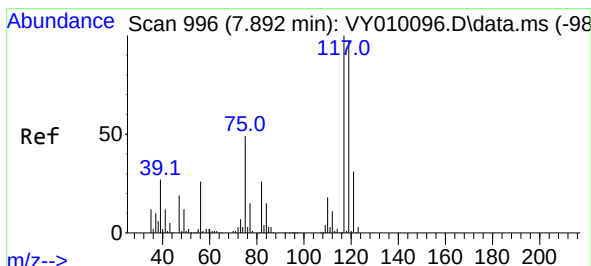
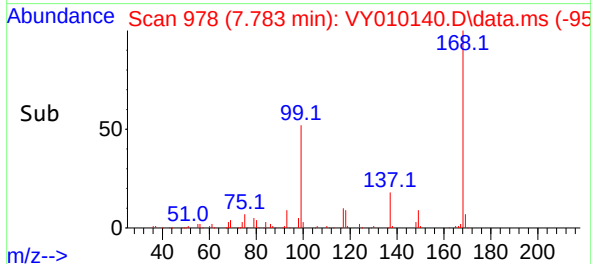
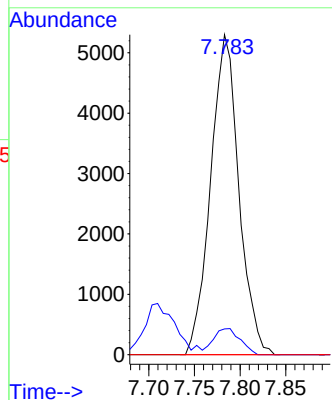
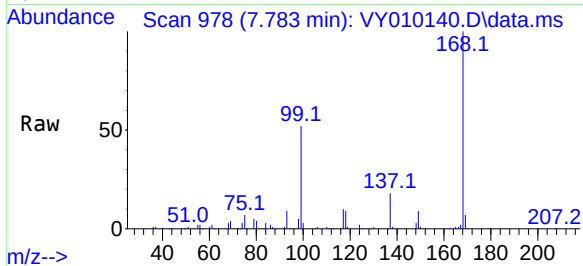




#36
1,1-Dichloropropene
Concen: 4.058 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

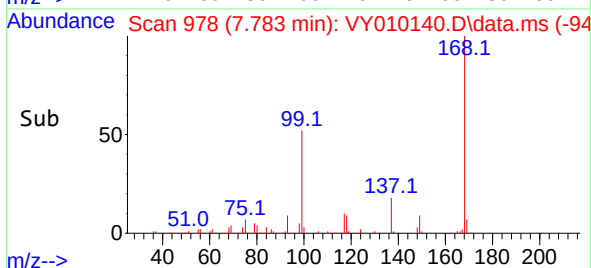
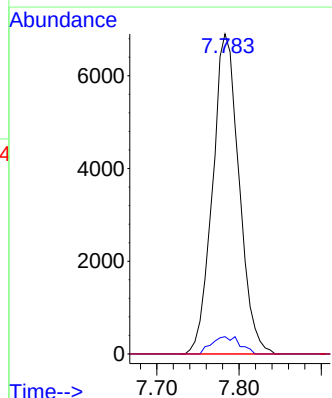
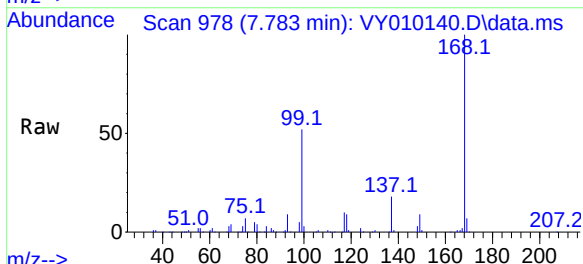
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

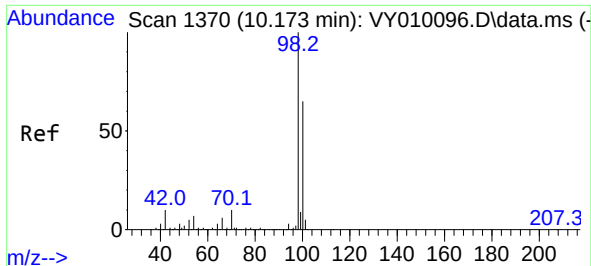
Tgt Ion: 75 Resp: 11414
Ion Ratio Lower Upper
75 100
110 7.7 18.6 56.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.233 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion: 117 Resp: 15434
Ion Ratio Lower Upper
117 100
119 5.4 77.1 115.7#
121 0.0 24.7 37.1#

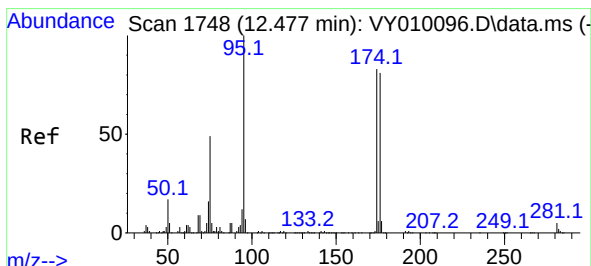
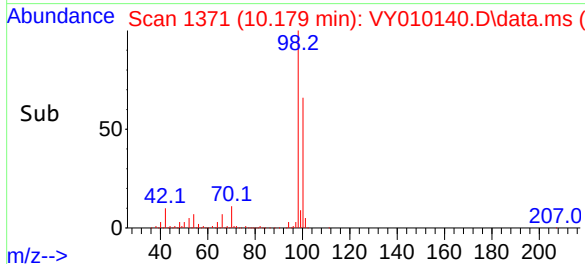
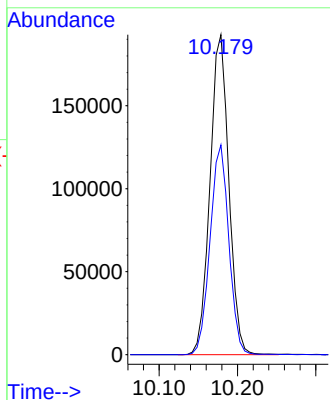
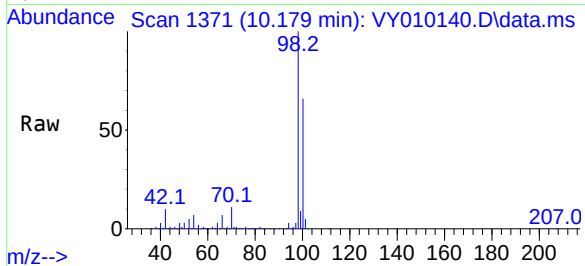




#50
Toluene-d8
Concen: 48.746 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

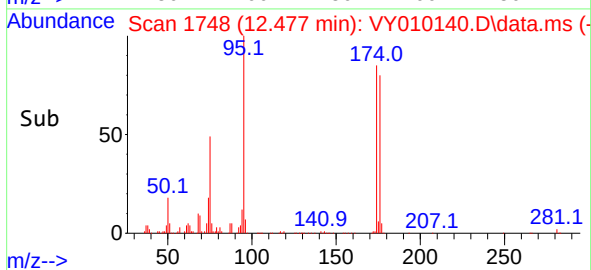
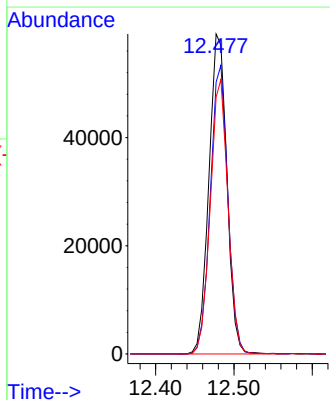
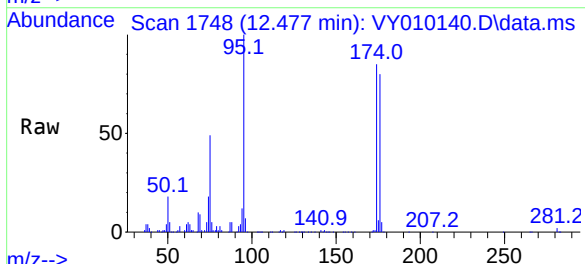
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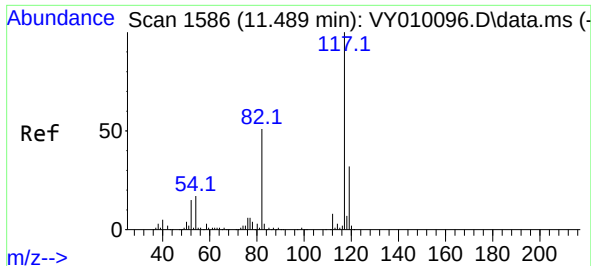
Tgt Ion: 98 Resp: 321838
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.936 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion: 95 Resp: 94209
Ion Ratio Lower Upper
95 100
174 88.0 0.0 173.8
176 84.3 0.0 167.2

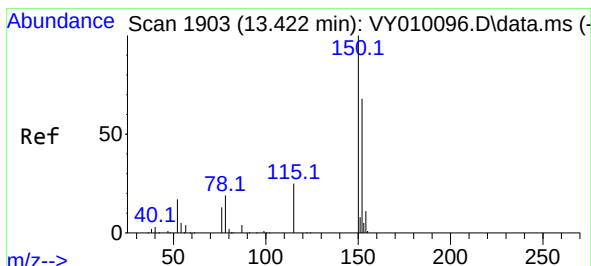
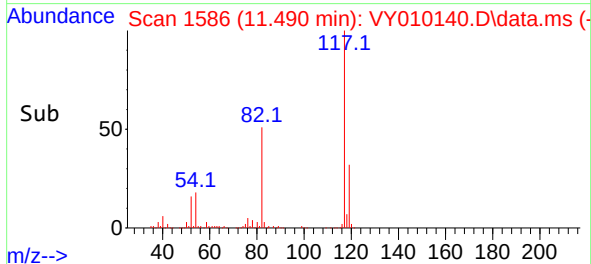
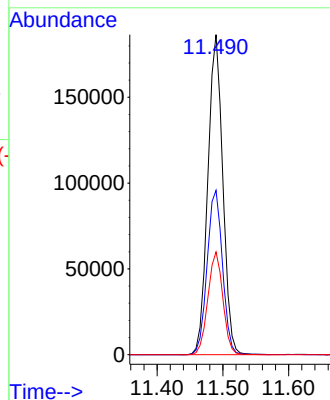
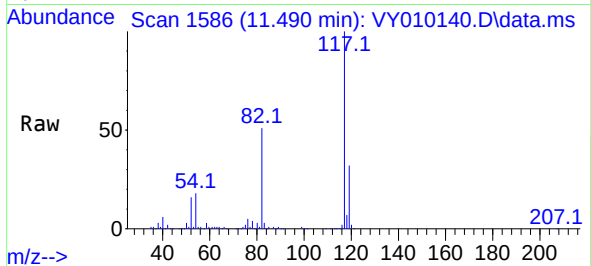




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

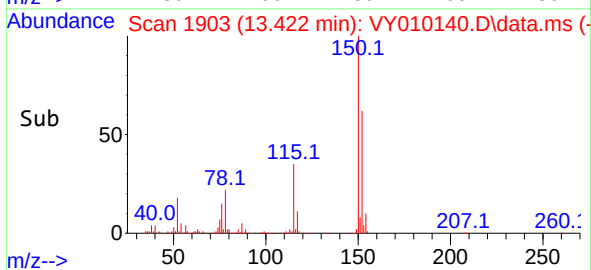
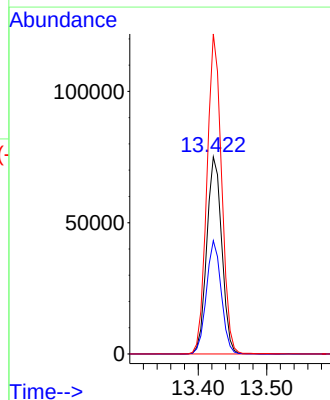
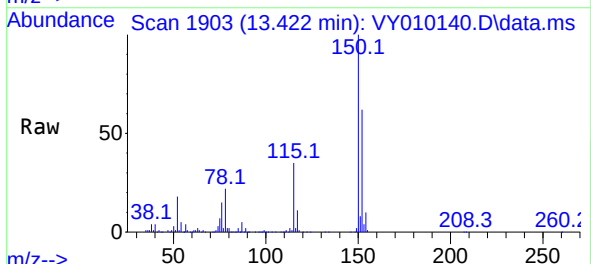
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

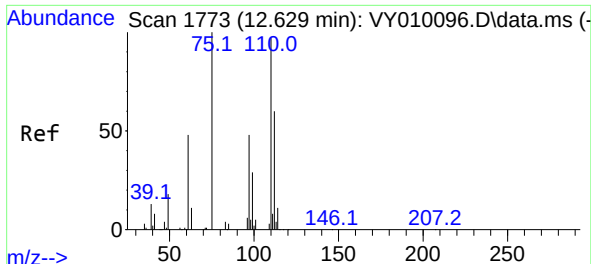
Tgt Ion:117 Resp: 295483
Ion Ratio Lower Upper
117 100
82 51.4 40.6 61.0
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion:152 Resp: 114637
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 158.5 0.0 346.2

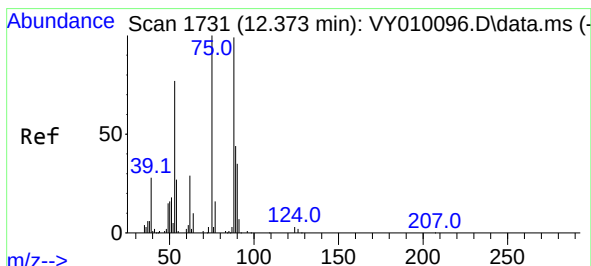
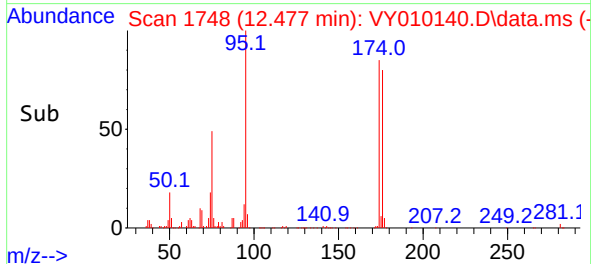
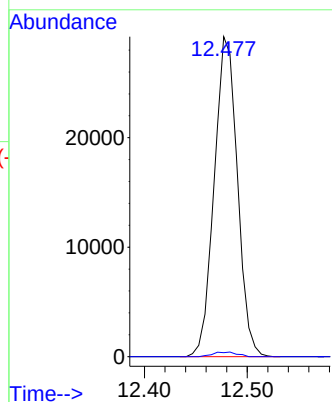
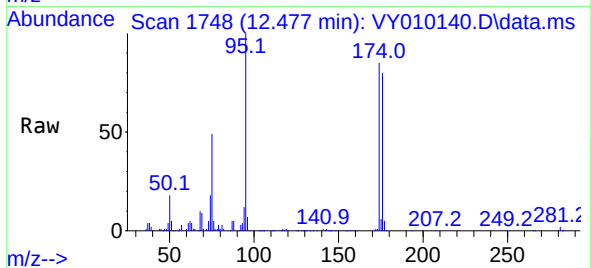




#76
1,2,3-Trichloropropane
Concen: 42.611 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

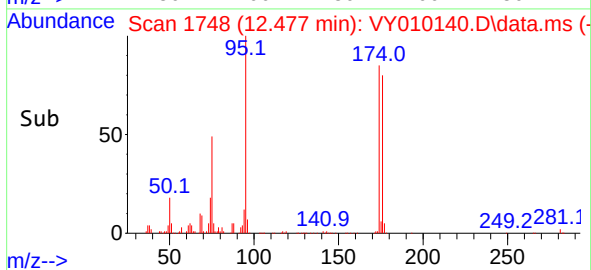
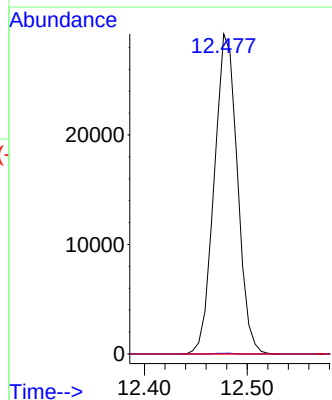
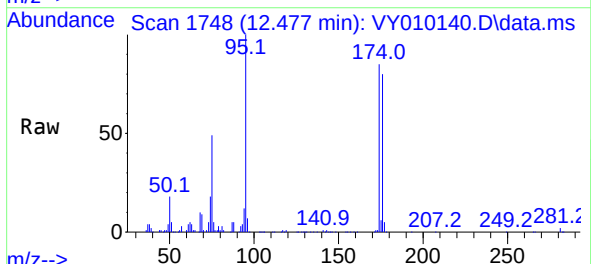
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

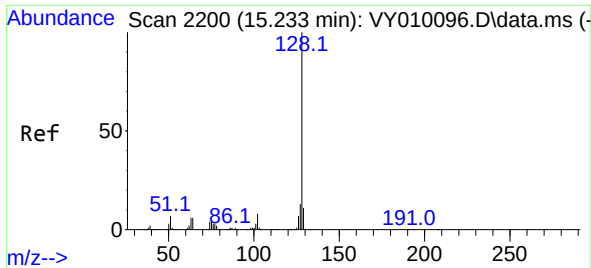
Tgt Ion: 75 Resp: 45747
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.584 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

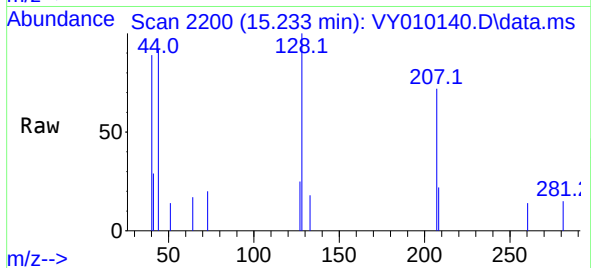
Tgt Ion: 75 Resp: 45747
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 36.8 55.2#





#95
Naphthalene
Concen: 4.024 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Instrument :
MSVOA_Y
ClientSampleId :
SSP4



Tgt Ion:	128	Resp:	645
Ion	Ratio	Lower	Upper
128	100		
127	5.1	10.2	15.2#
129	0.0	8.9	13.3#

