

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010814.D
 Acq On : 05 Oct 2022 13:00
 Operator : KP/MD
 Sample : N4948-04RE
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-9RE

Quant Time: Oct 06 09:17:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

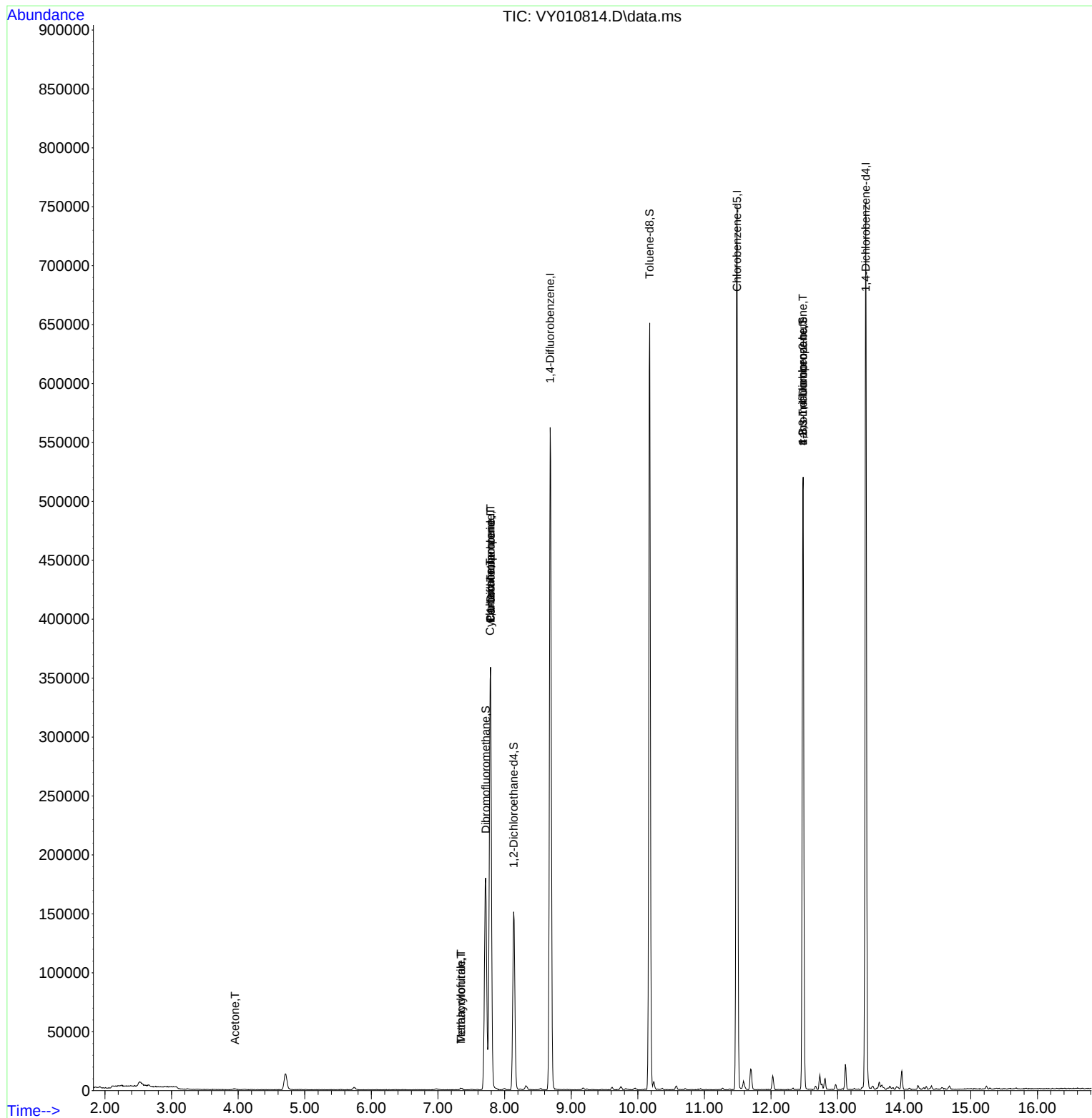
Internal Standards						
1) Pentafluorobenzene	7.789	168	277874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	482089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	409884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115413	40.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.960%
35) Dibromofluoromethane	7.716	113	129083	40.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.680%
50) Toluene-d8	10.179	98	419228	38.306	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.620%
62) 4-Bromofluorobenzene	12.477	95	153443	34.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	112	Below Cal	#	77
16) Acetone	3.954	43	1762	2.463	ug/l #	87
20) Methylene Chloride	4.704	84	10435	Below Cal	#	86
29) Tetrahydrofuran	7.344	42	706	1.167	ug/l #	68
31) Cyclohexane	7.783	56	5914	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	21838	4.727	ug/l #	50
38) Carbon Tetrachloride	7.789	117	28096	5.839	ug/l #	14
41) Methacrylonitrile	7.344	41	646	3.043	ug/l #	55
76) 1,2,3-Trichloropropane	12.477	75	79106	41.879	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	79106	87.482	ug/l #	7

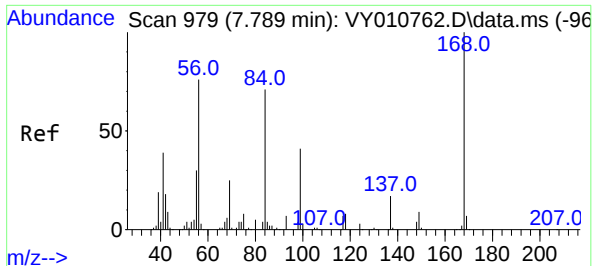
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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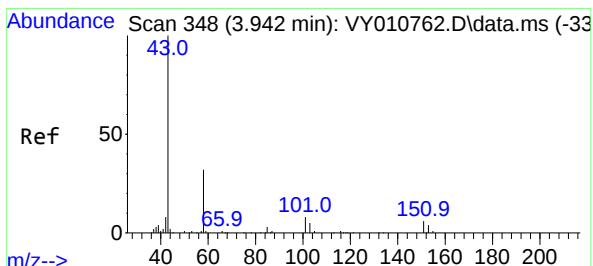
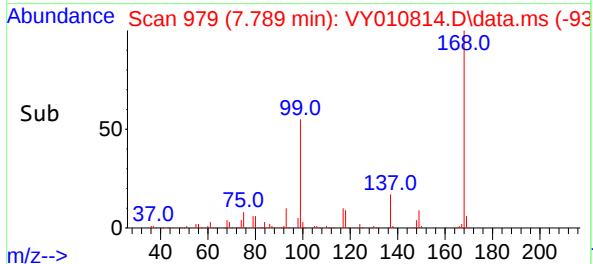
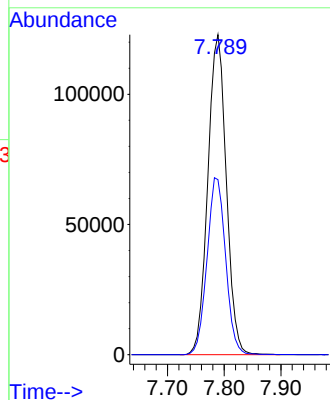
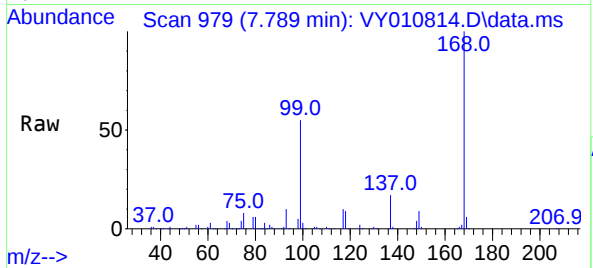




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

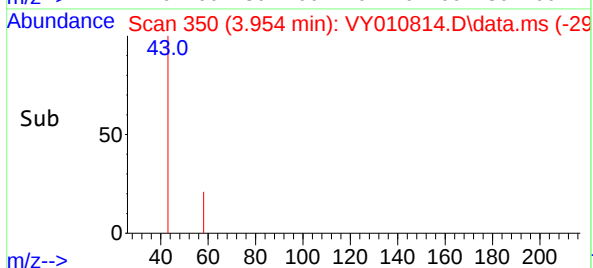
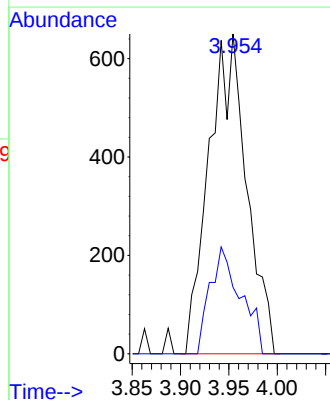
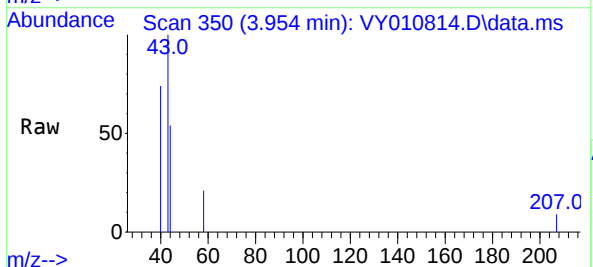
Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

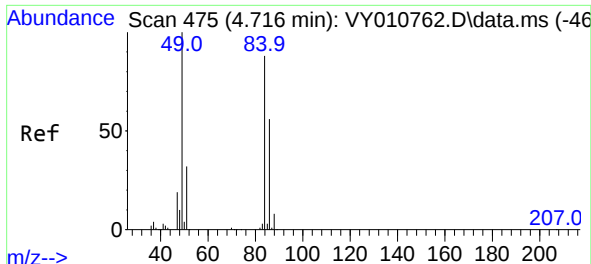
Tgt Ion:168 Resp: 277874
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#16
Acetone
Concen: 2.463 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
58 20.8 22.0 33.0#



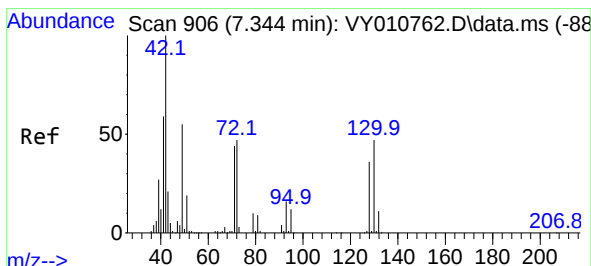
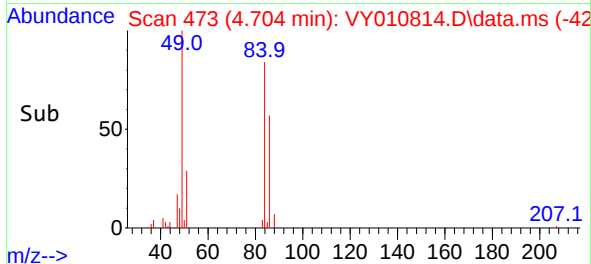
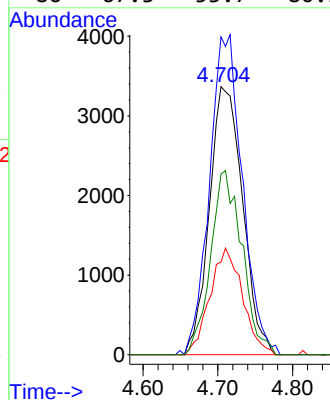
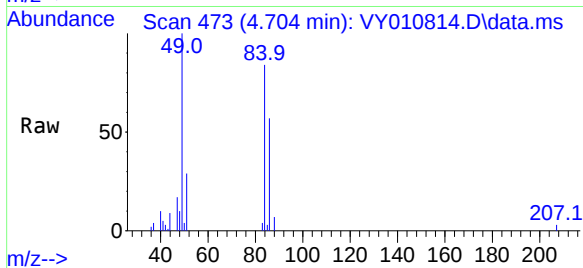


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

Tgt Ion: 84 Resp: 10435

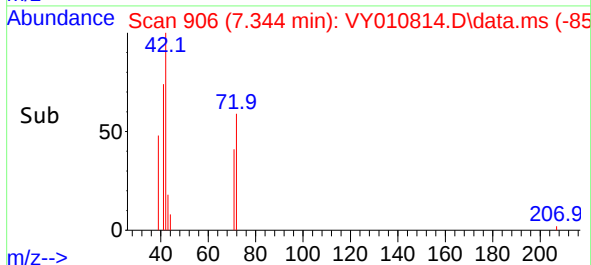
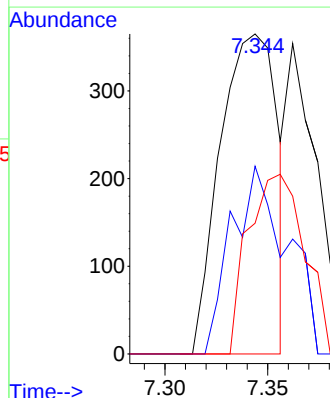
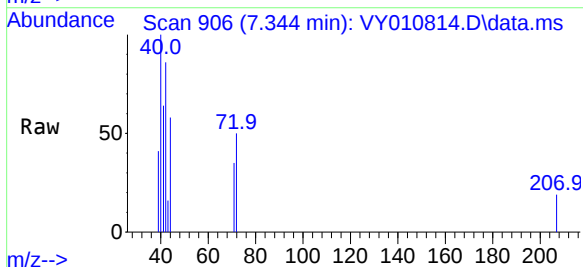
Ion	Ratio	Lower	Upper
84	100		
49	118.5	114.4	171.6
51	34.5	35.3	52.9#
86	67.3	53.7	80.5

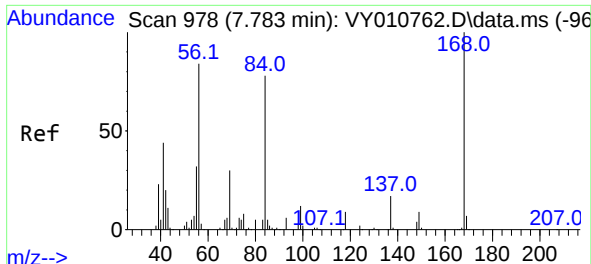


#29
Tetrahydrofuran
Concen: 1.167 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion: 42 Resp: 706

Ion	Ratio	Lower	Upper
42	100		
72	56.9	30.3	45.5#
71	55.2	29.0	43.4#

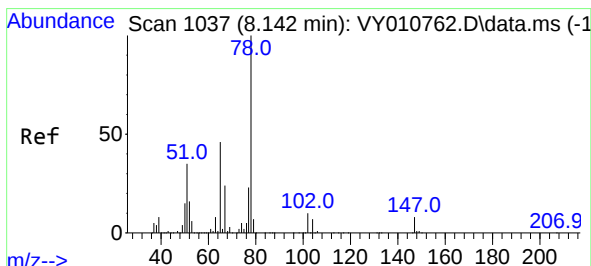
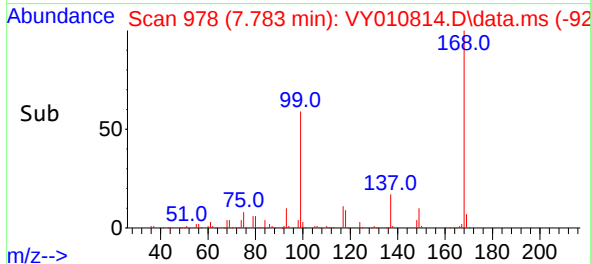
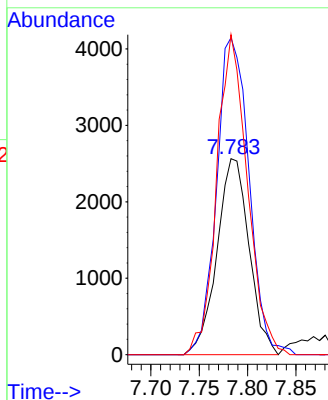
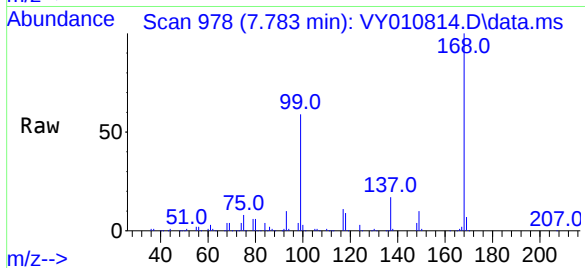




#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

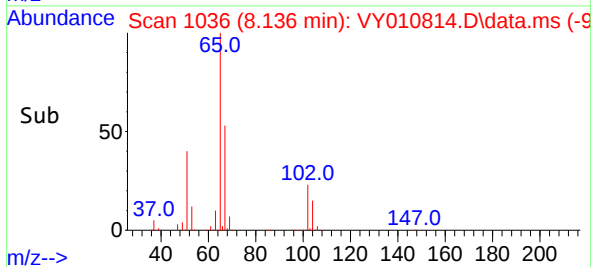
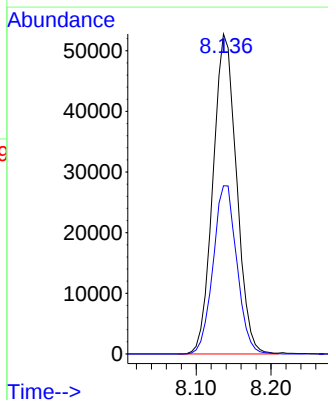
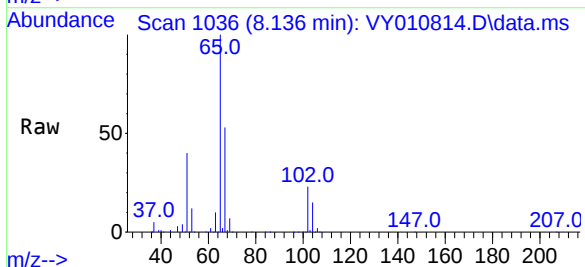
Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

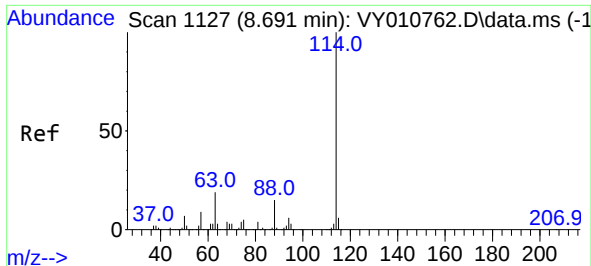
Tgt Ion: 56 Resp: 5914
Ion Ratio Lower Upper
56 100
69 161.8 26.7 40.1#
84 163.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 40.976 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion: 65 Resp: 115413
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

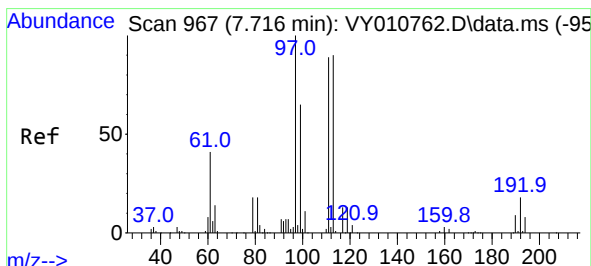
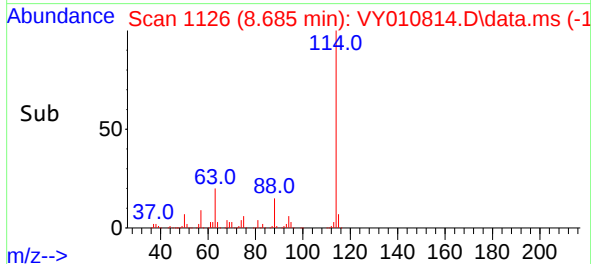
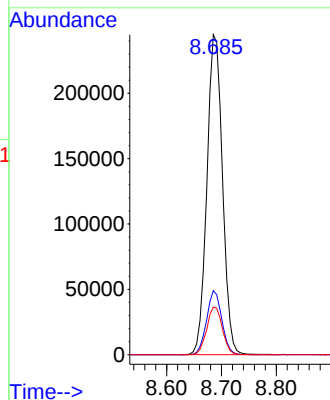
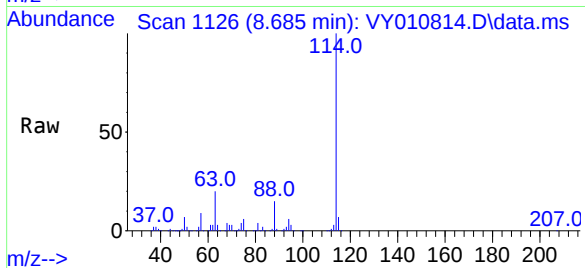




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

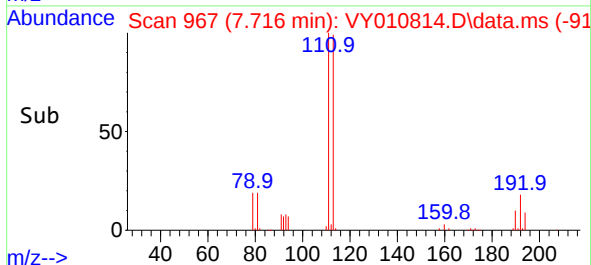
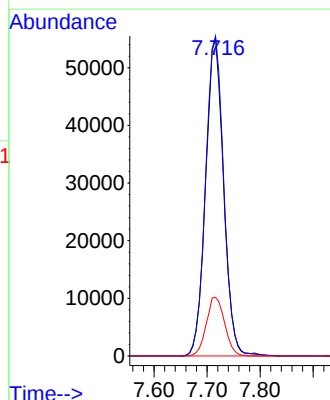
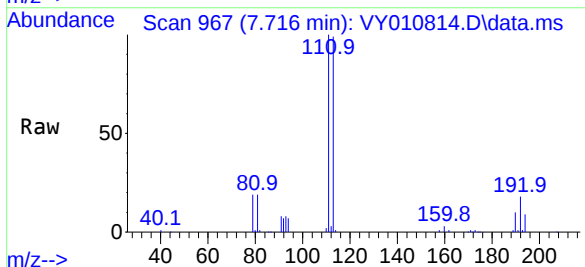
Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

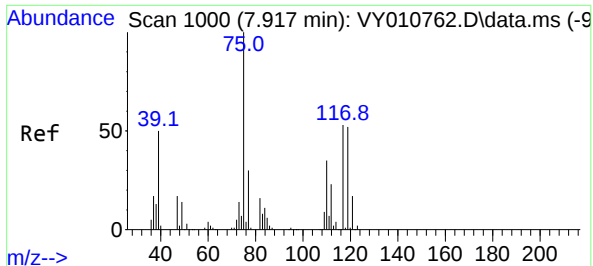
Tgt Ion:114 Resp: 482089
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 40.337 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion:113 Resp: 129083
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.9 17.6 26.4

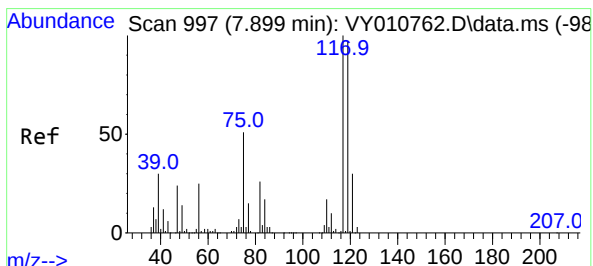
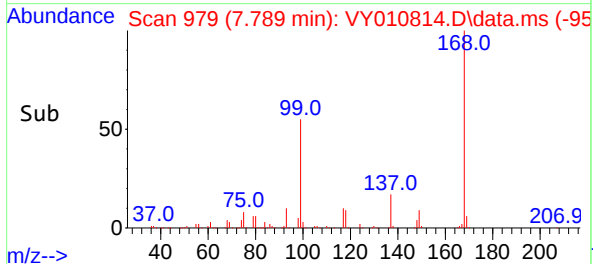
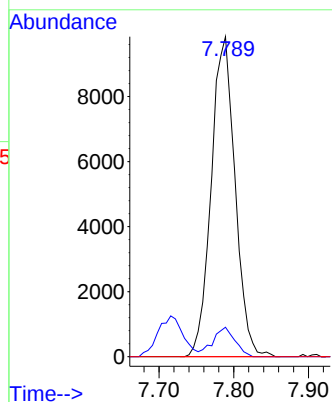
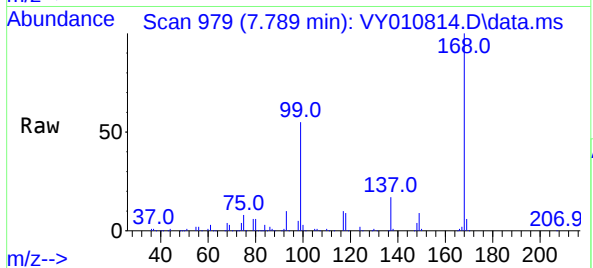




#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

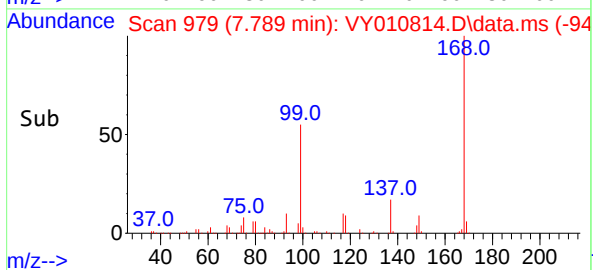
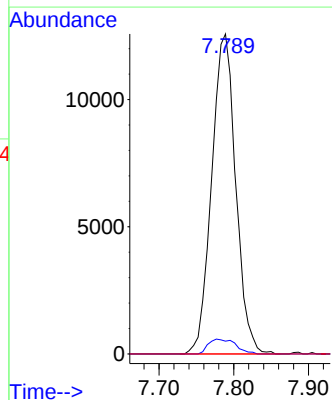
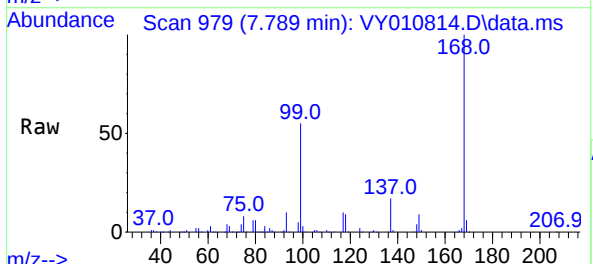
Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

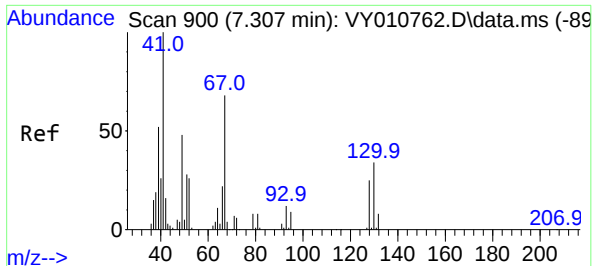
Tgt Ion: 75 Resp: 21838
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion: 117 Resp: 28096
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#

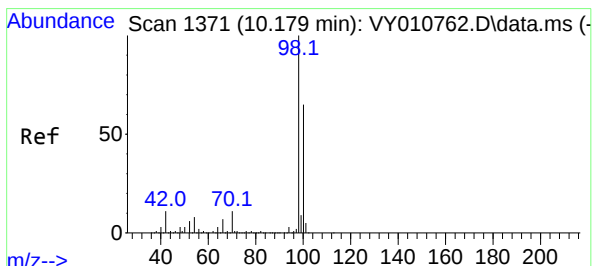
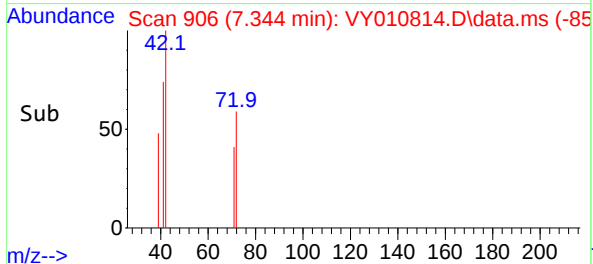
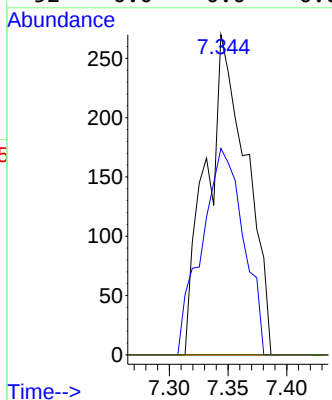
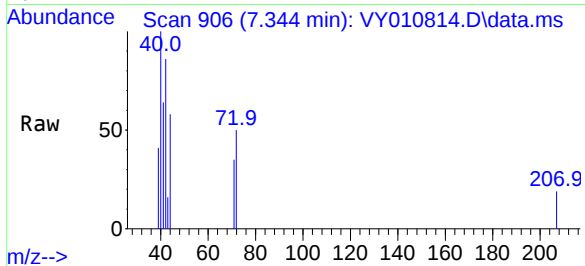




#41
Methacrylonitrile
Concen: 3.043 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

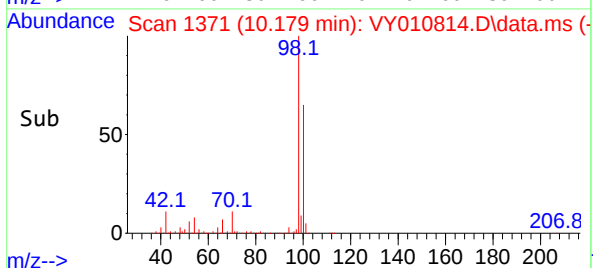
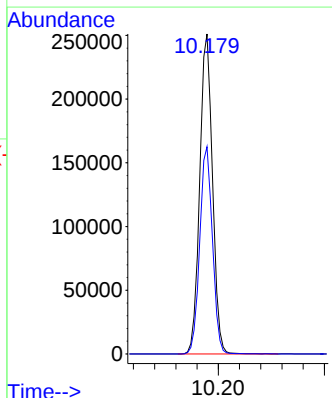
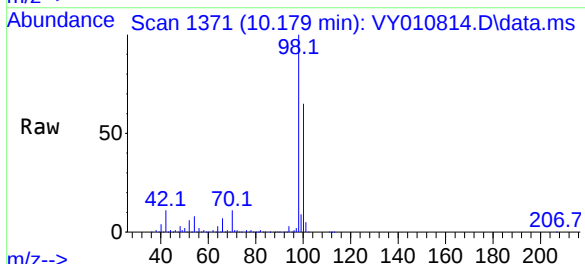
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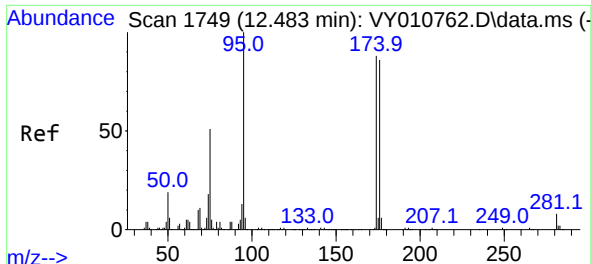
Tgt Ion: 41	Resp: 646
Ion Ratio	Lower Upper
41 100	
39 66.7	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 38.306 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion: 98	Resp: 419228
Ion Ratio	Lower Upper
98 100	
100 64.4	50.2 75.2

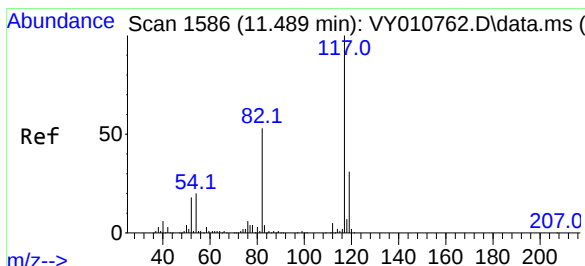
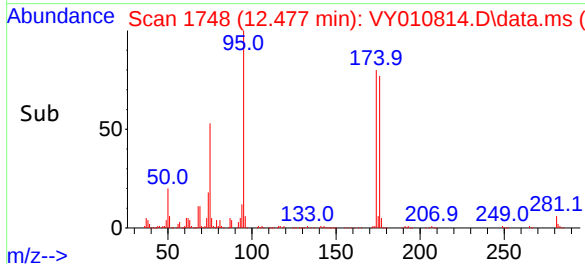
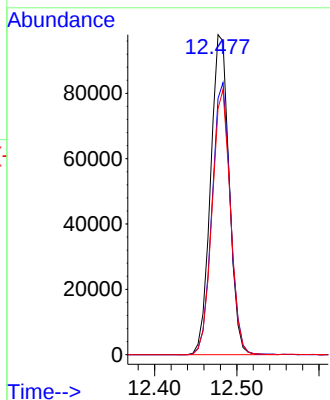
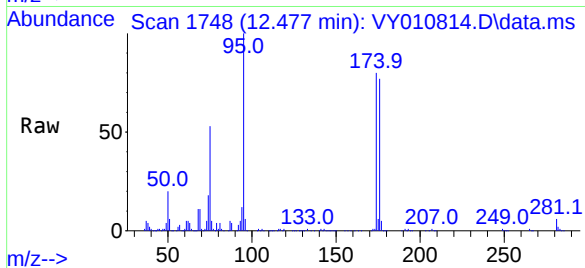




#62
4-Bromofluorobenzene
Concen: 34.766 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

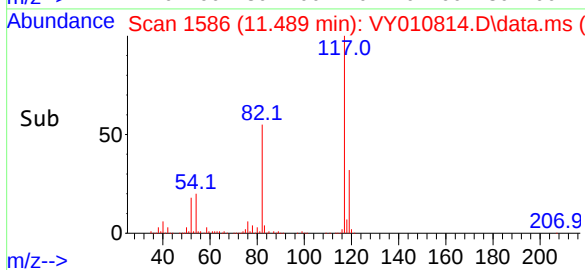
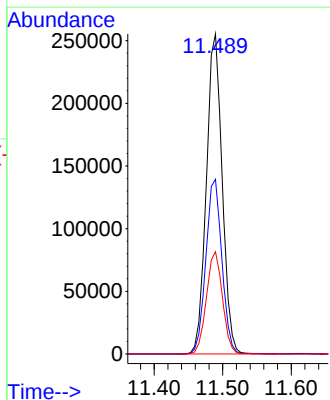
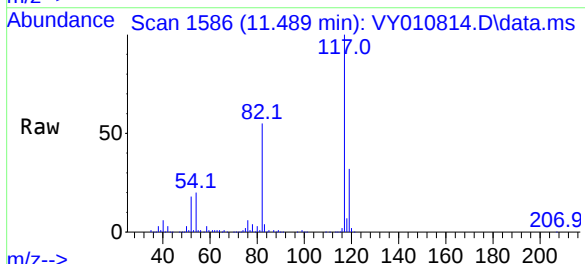
Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

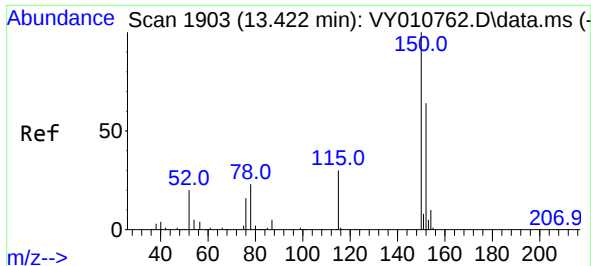
Tgt Ion: 95 Resp: 153443
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 81.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion: 117 Resp: 409884
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.9 25.4 38.0

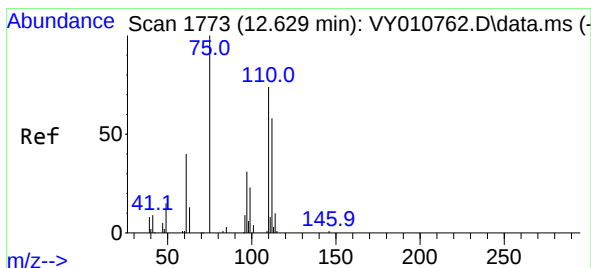
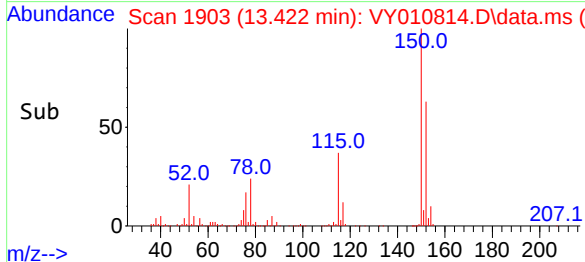
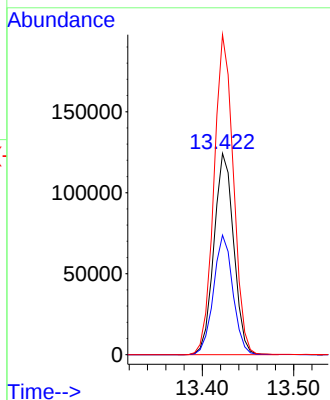
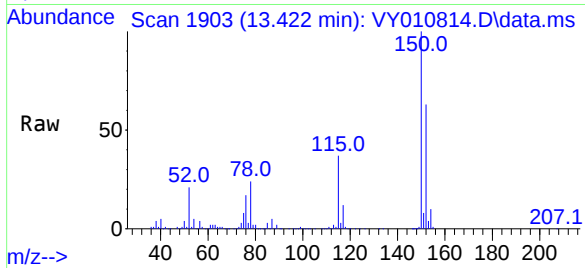




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

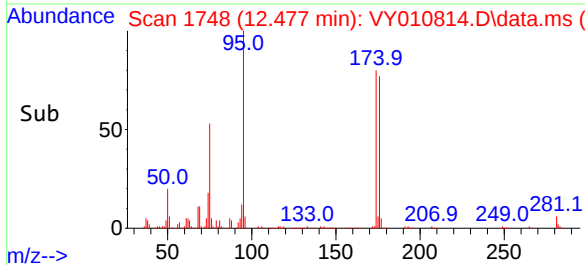
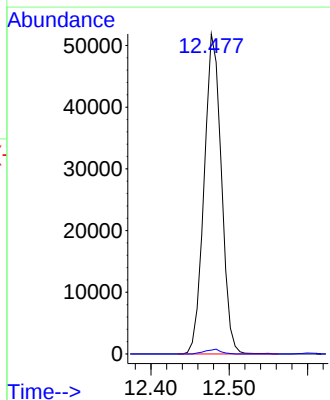
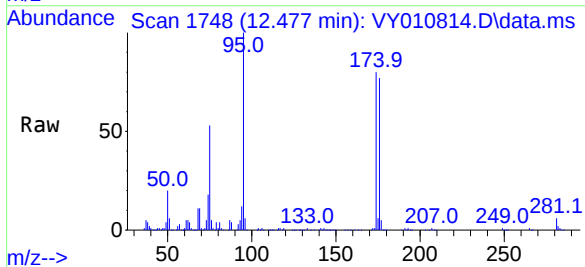
Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

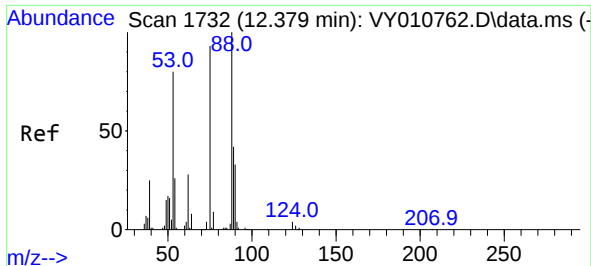
Tgt Ion:152 Resp: 186524
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 41.879 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion: 75 Resp: 79106
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.482 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010814.D
 Acq: 05 Oct 2022 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-9RE

Tgt Ion: 75 Resp: 79106
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

