

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010812.D
 Acq On : 05 Oct 2022 12:15
 Operator : KP/MD
 Sample : N4948-02RE
 Misc : 6.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-7RE

Quant Time: Oct 06 09:16:32 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)

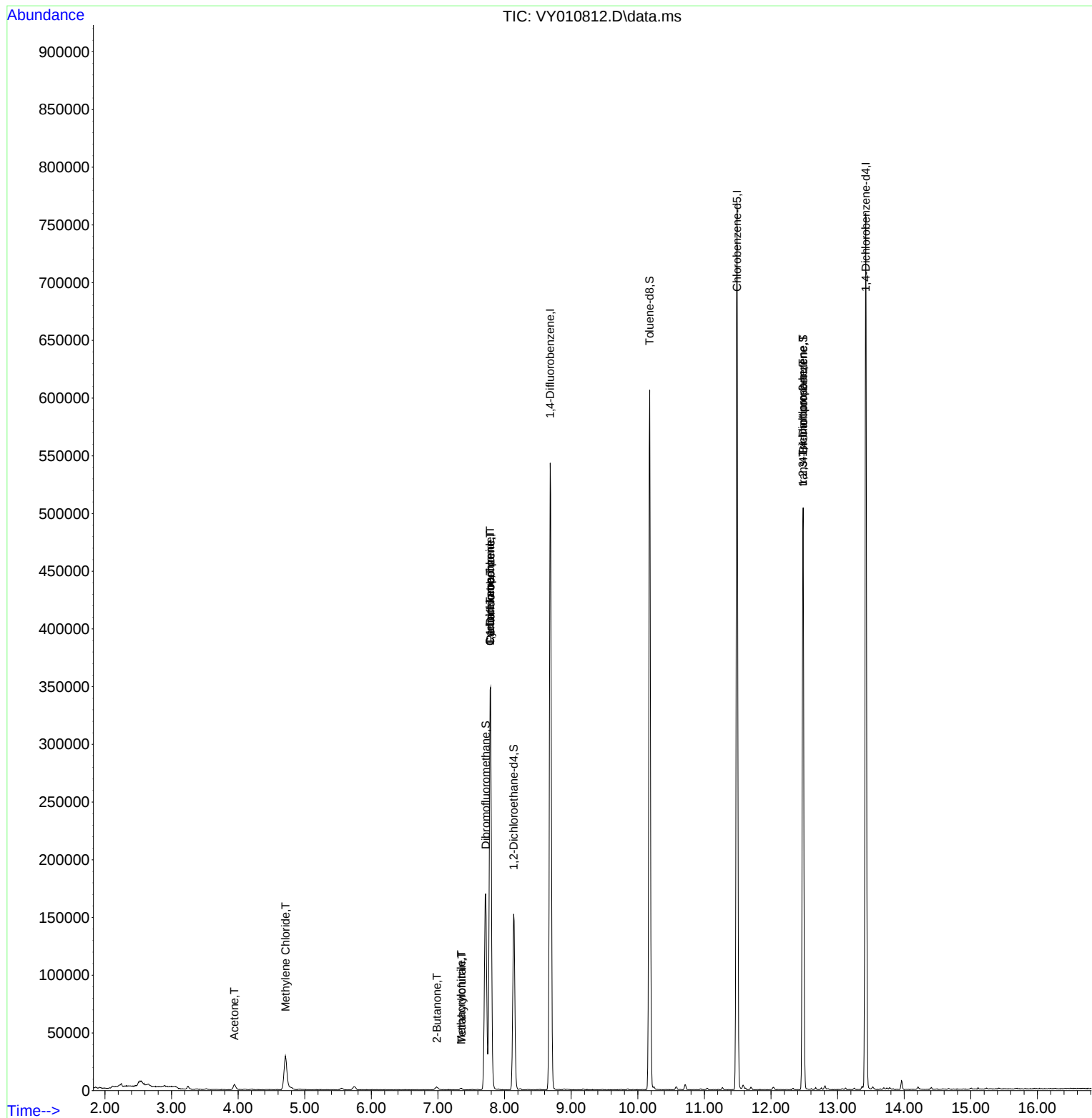
Internal Standards						
1) Pentafluorobenzene	7.789	168	271213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	410828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	117533	42.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.500%
35) Dibromofluoromethane	7.716	113	123684	40.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.100%
50) Toluene-d8	10.179	98	393817	37.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.560%
62) 4-Bromofluorobenzene	12.483	95	148843	34.963	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	647	Below Cal	#	77
16) Acetone	3.942	43	8157	11.683	ug/l #	88
20) Methylene Chloride	4.710	84	21646	2.071	ug/l	88
25) 2-Butanone	6.984	43	1769	1.762	ug/l	98
29) Tetrahydrofuran	7.356	42	985	1.669	ug/l	97
31) Cyclohexane	7.783	56	5550	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20938	4.696	ug/l #	51
38) Carbon Tetrachloride	7.783	117	26917	5.796	ug/l #	17
41) Methacrylonitrile	7.350	41	607	3.031	ug/l #	46
76) 1,2,3-Trichloropropane	12.477	75	77171	40.117	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77171	83.802	ug/l #	7

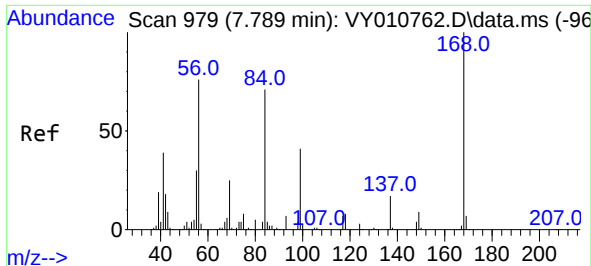
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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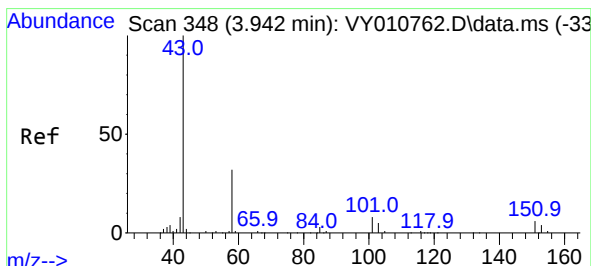
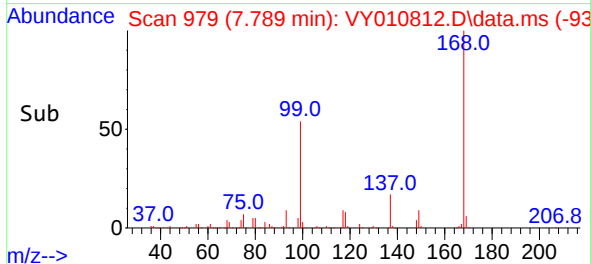
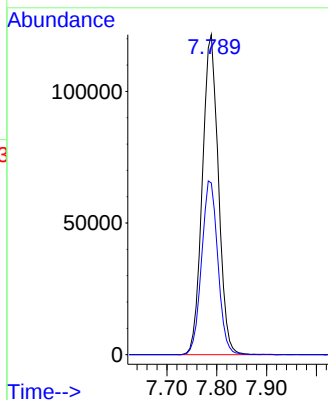
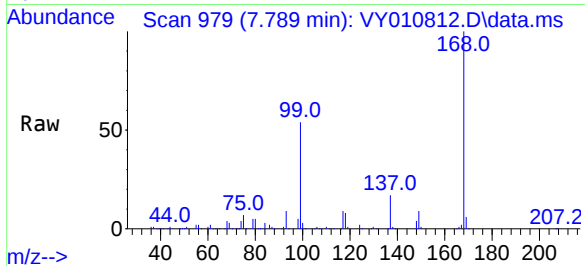




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

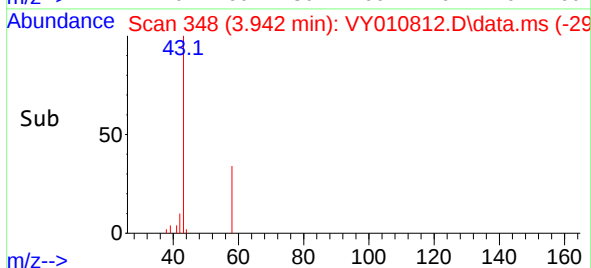
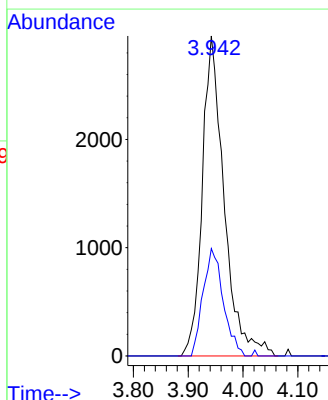
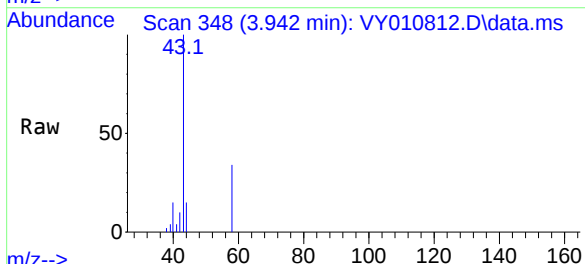
Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

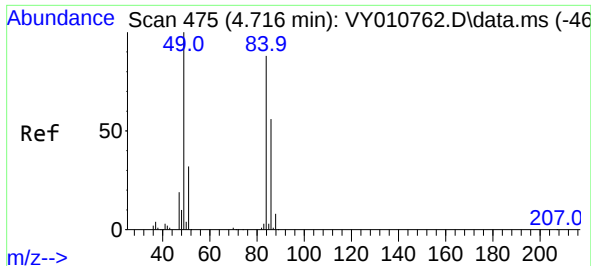
Tgt Ion:168 Resp: 271213
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 11.683 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion: 43 Resp: 8157
Ion Ratio Lower Upper
43 100
58 33.6 22.0 33.0#



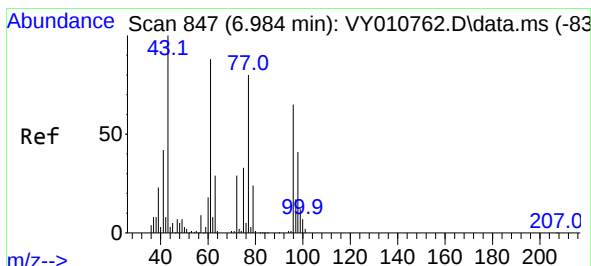
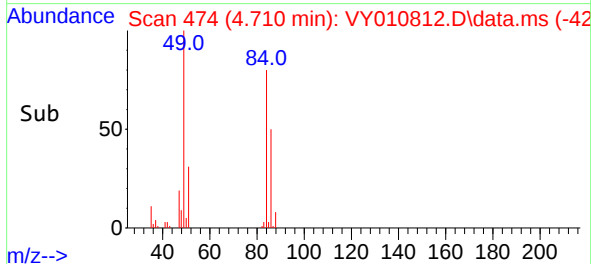
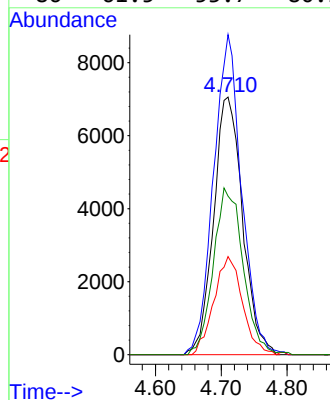
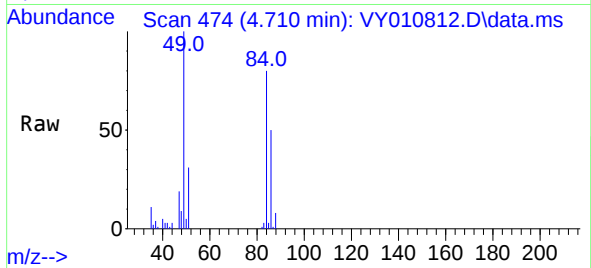


#20
Methylene Chloride
Concen: 2.071 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

Tgt Ion: 84 Resp: 21646

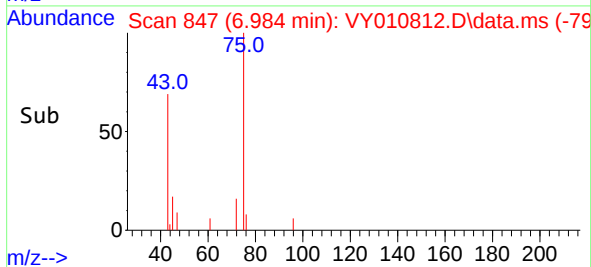
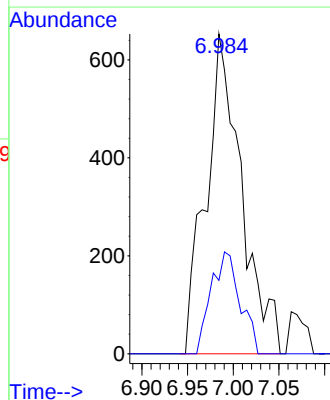
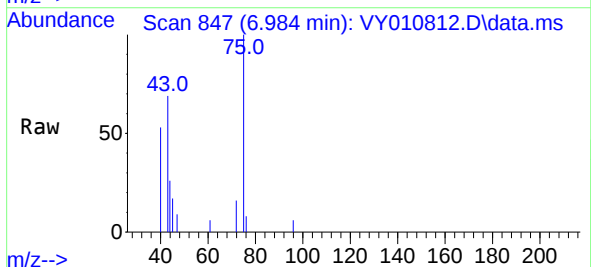
Ion	Ratio	Lower	Upper
84	100		
49	124.2	114.4	171.6
51	38.1	35.3	52.9
86	61.5	53.7	80.5

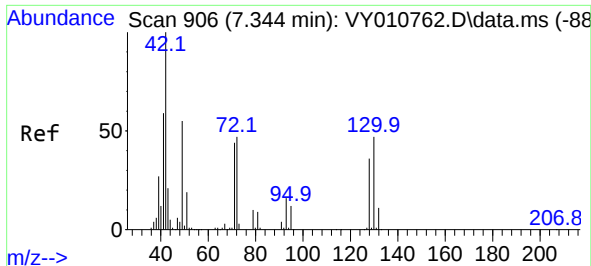


#25
2-Butanone
Concen: 1.762 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion: 43 Resp: 1769

Ion	Ratio	Lower	Upper
43	100		
72	23.0	17.7	26.5

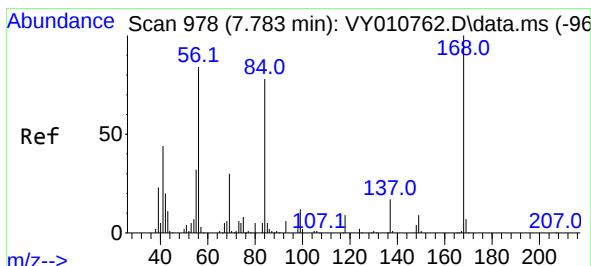
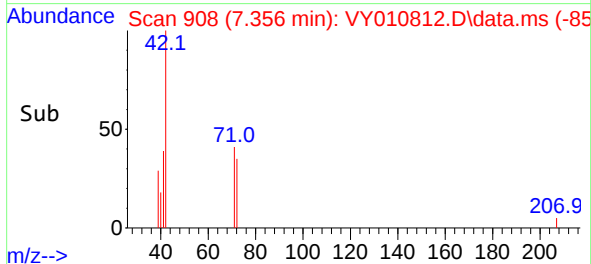
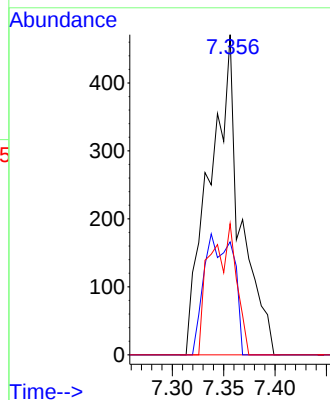
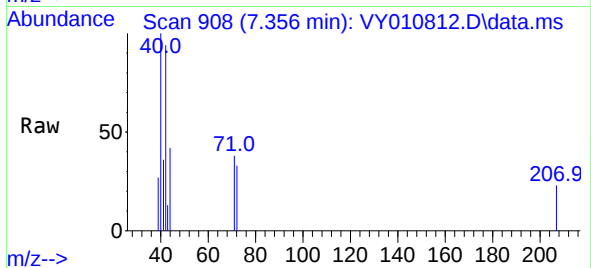




#29
Tetrahydrofuran
Concen: 1.669 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

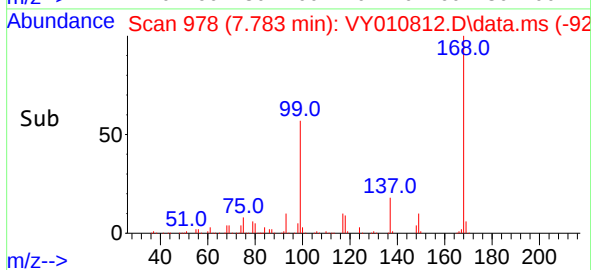
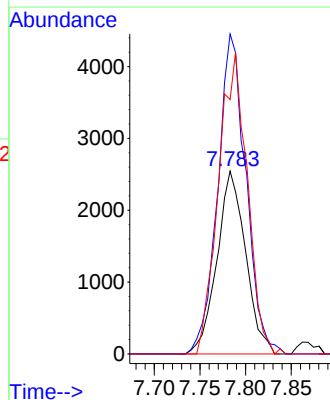
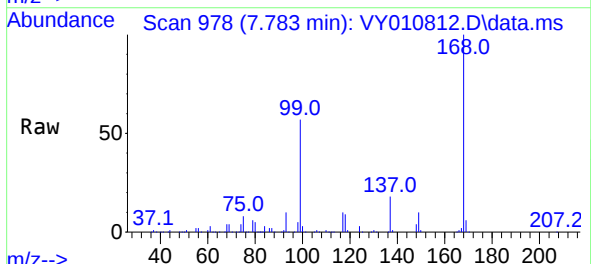
Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

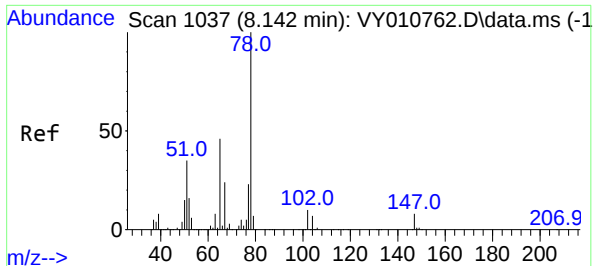
Tgt Ion:	42	Resp:	985
Ion	Ratio	Lower	Upper
42	100		
72	35.5	30.3	45.5
71	34.6	29.0	43.4



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion:	56	Resp:	5550
Ion	Ratio	Lower	Upper
56	100		
69	174.9	26.7	40.1#
84	139.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 42.754 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY010812.D

Acq: 05 Oct 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

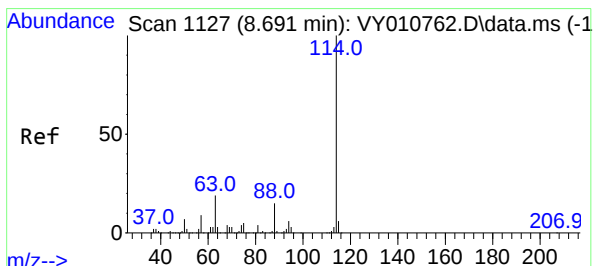
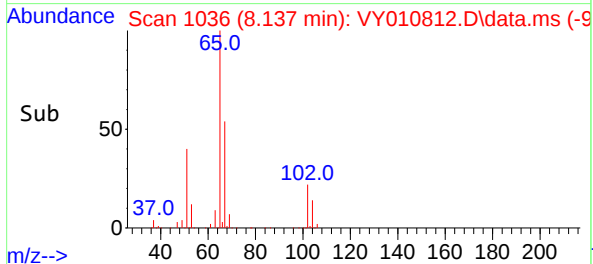
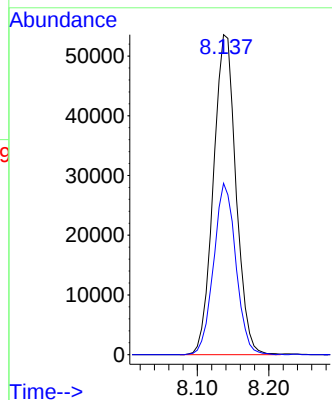
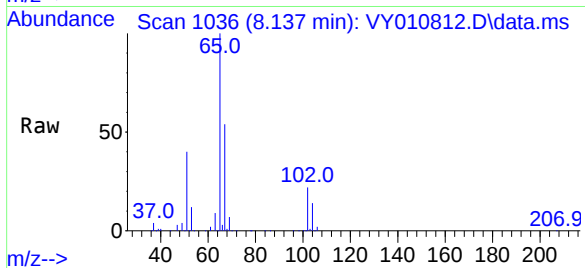
PE-7RE

Tgt Ion: 65 Resp: 117533

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010812.D

Acq: 05 Oct 2022 12:15

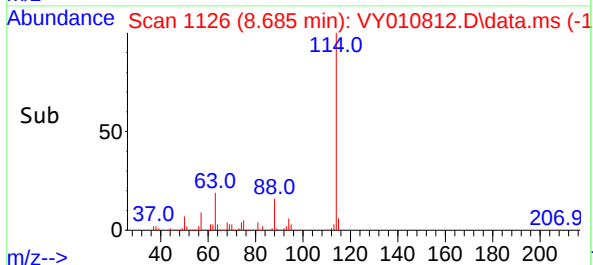
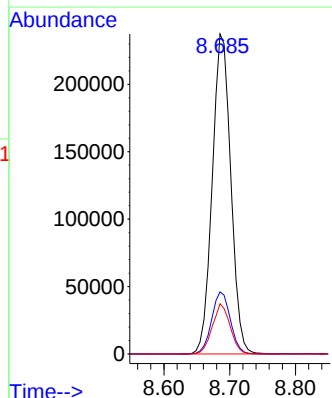
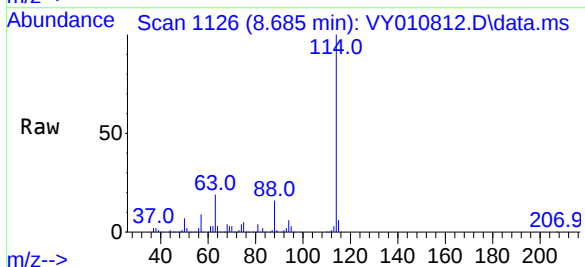
Tgt Ion: 114 Resp: 465277

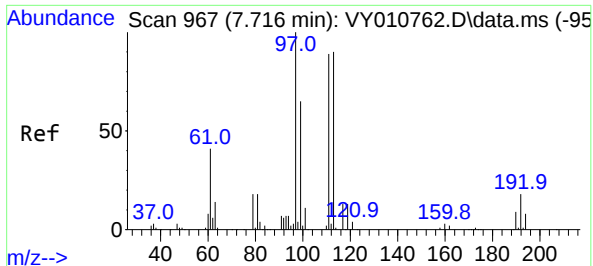
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.7 0.0 31.8

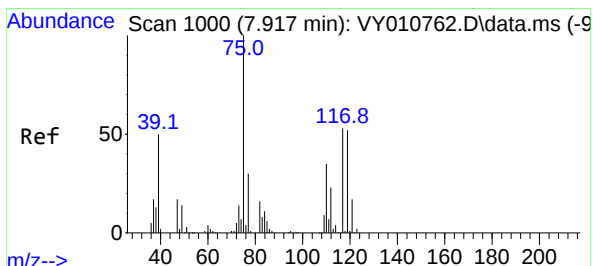
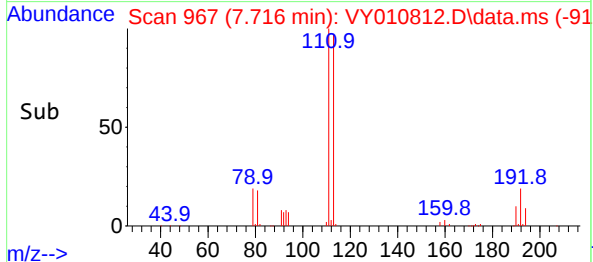
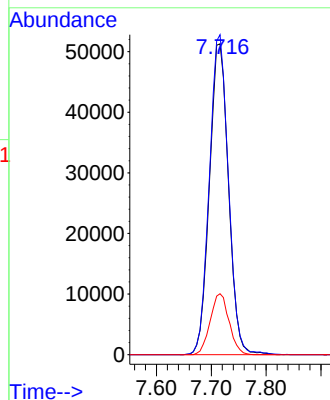
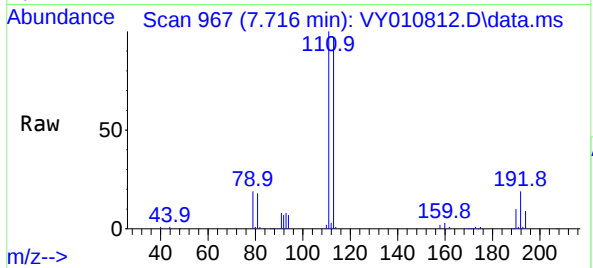




#35
Dibromofluoromethane
Concen: 40.046 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

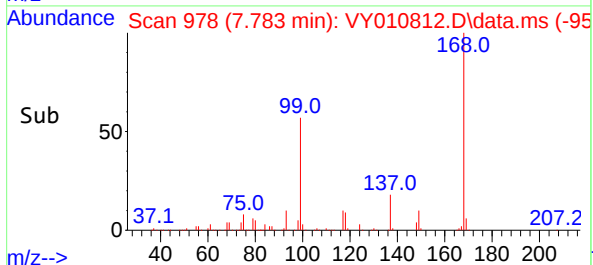
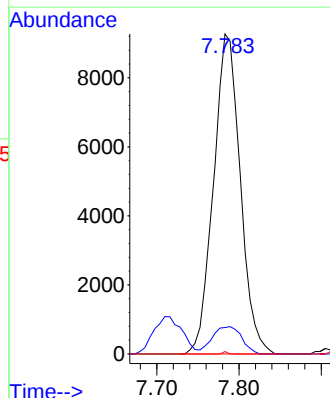
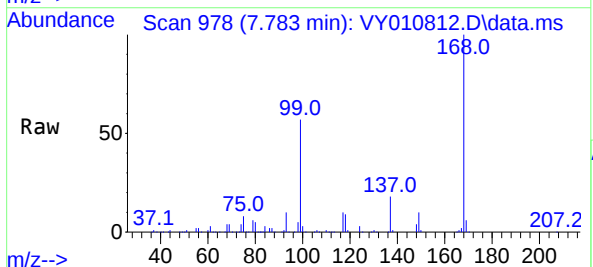
Instrument :
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PE-7RE

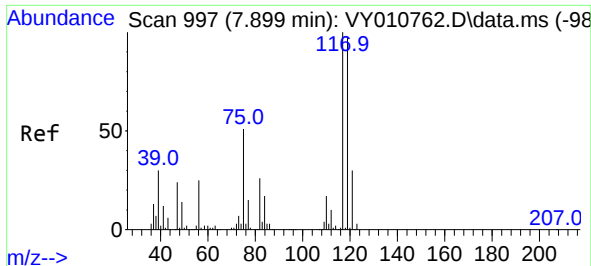
Tgt Ion:113 Resp: 123684
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.696 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion: 75 Resp: 20938
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.1 24.4 36.6#

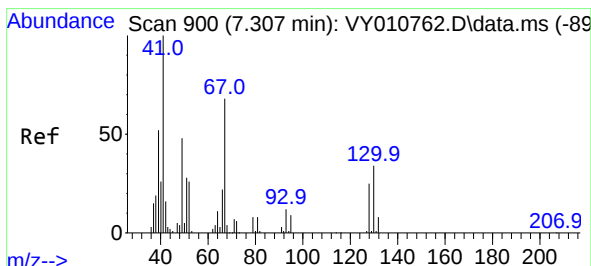
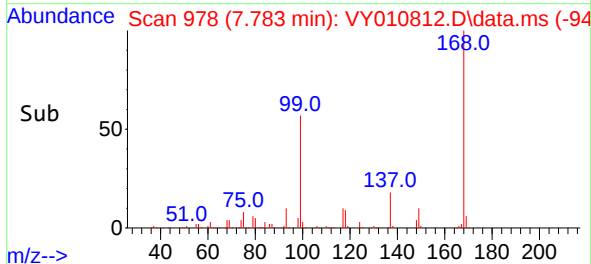
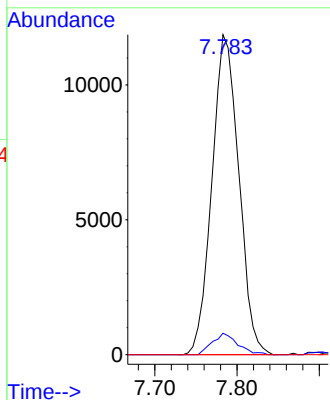
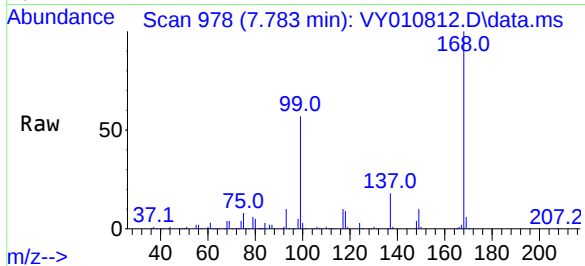




#38
Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

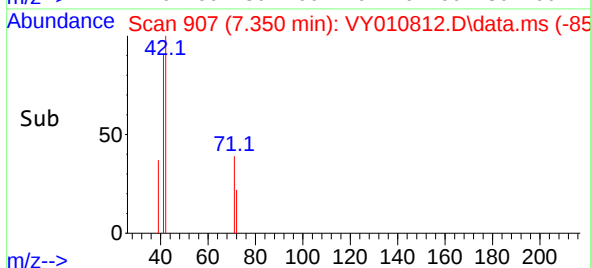
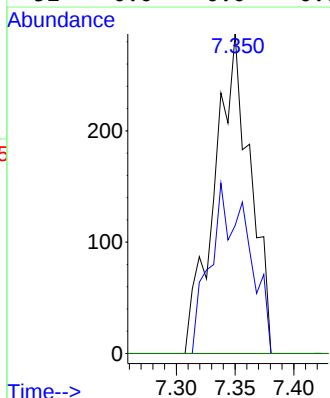
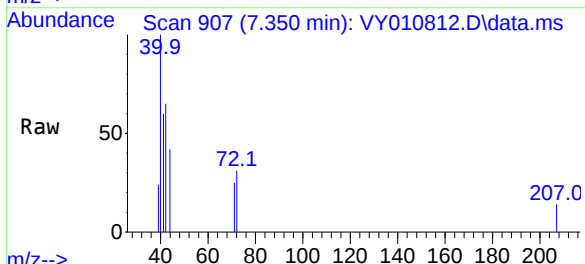
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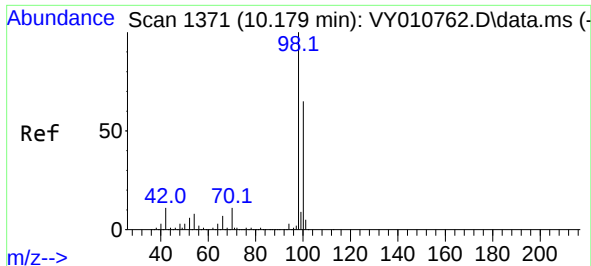
Tgt Ion:117 Resp: 26917
Ion Ratio Lower Upper
117 100
119 6.7 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 3.031 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion: 41 Resp: 607
Ion Ratio Lower Upper
41 100
39 56.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

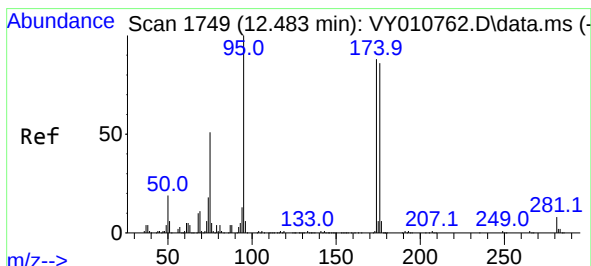
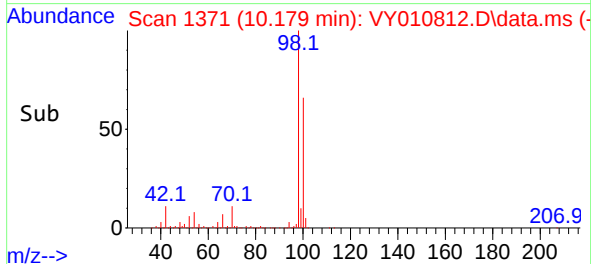
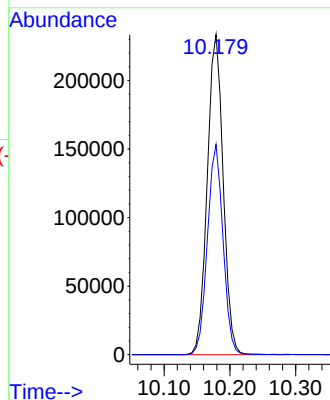
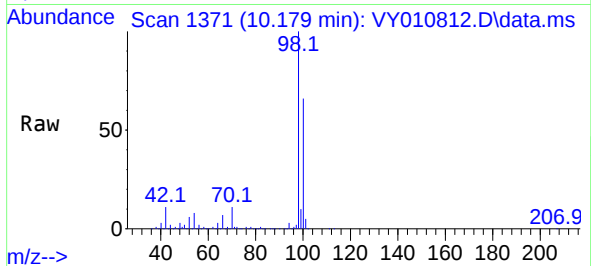




#50
Toluene-d8
Concen: 37.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

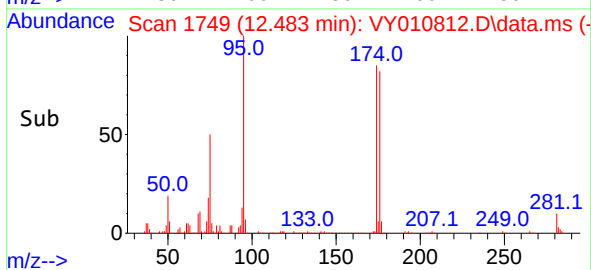
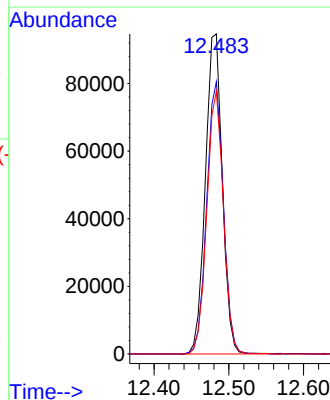
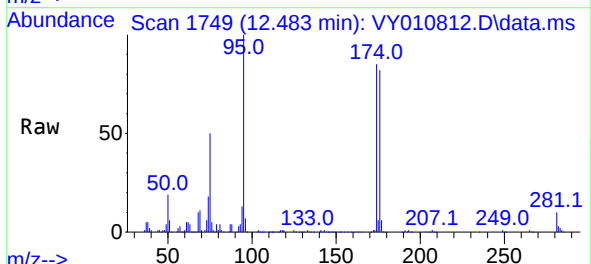
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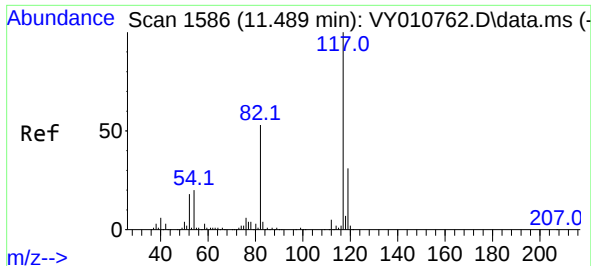
Tgt Ion: 98 Resp: 393817
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.963 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion: 95 Resp: 148843
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 80.2 0.0 175.8

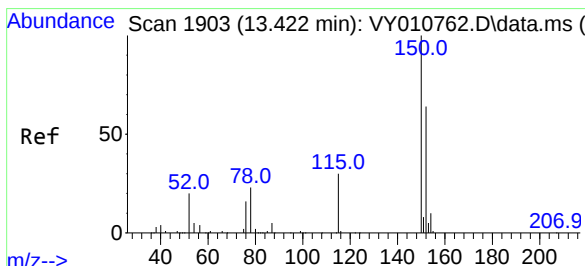
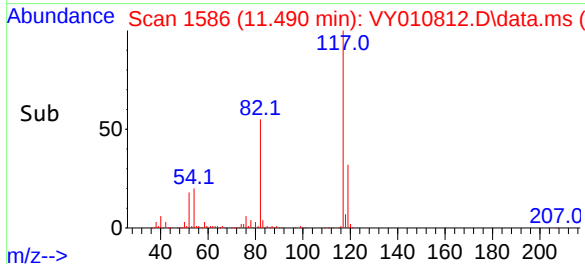
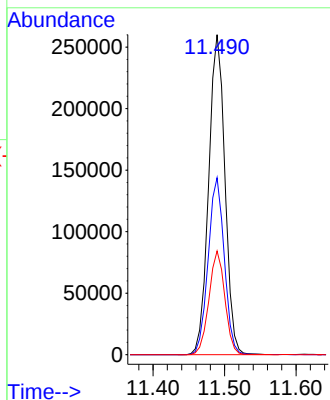
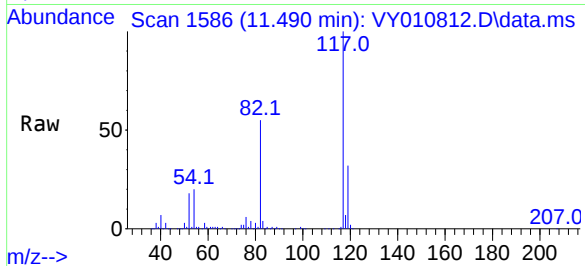




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

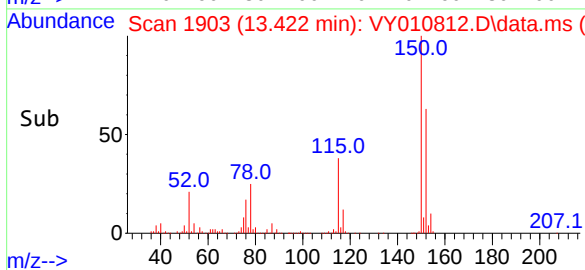
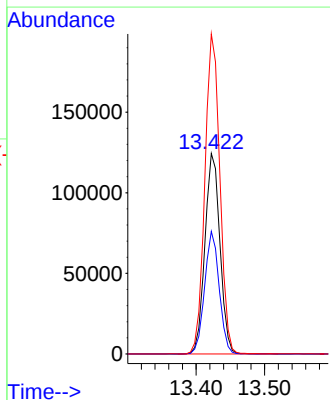
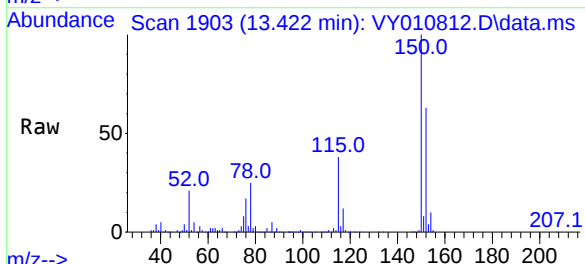
Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

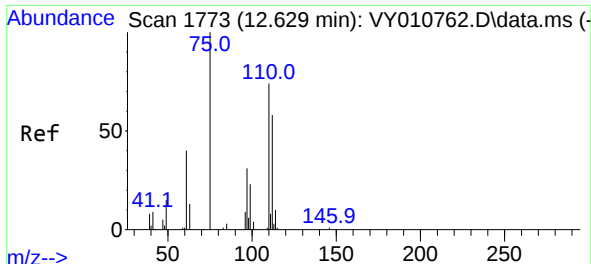
Tgt Ion:117 Resp: 410828
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion:152 Resp: 189953
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 159.0 0.0 347.6

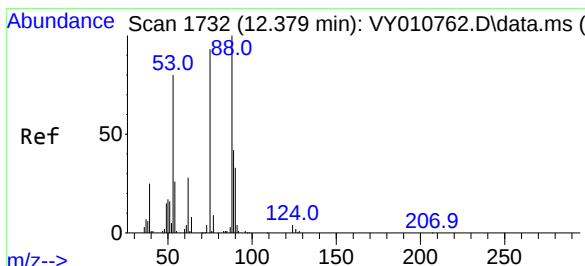
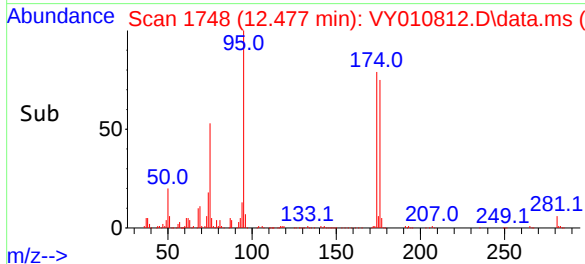
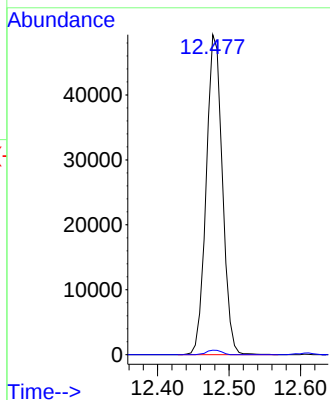
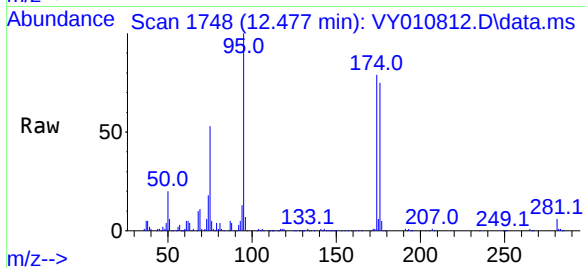




#76
1,2,3-Trichloropropane
Concen: 40.117 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

Tgt Ion: 75 Resp: 77171
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion: 75 Resp: 77171
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

