

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079294.D
 Acq On : 01 Jul 2024 14:23
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 01 15:37:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.88
34) 1,4-Difluorobenzene	8.787	114	62	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.581	117	1352	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	275	50.000	ug/l	-0.07
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.222	98	155	105.870	ug/l	-0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	=	211.740%#
62) 4-Bromofluorobenzene	12.563	95	1248	2658.284	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	5316.560%#
Target Compounds						
					Qvalue	
37) Ethyl Acetate	7.187	43	73	303.309	ug/l #	64
39) Methylcyclohexane	9.275	83	351	471.847	ug/l #	45
41) Methacrylonitrile	7.375	41	56	423.298	ug/l #	12
43) Isopropyl Acetate	8.369	43	158	340.158	ug/l #	45
46) Dibromomethane	9.405	93	115	422.153	ug/l #	1
47) Bromodichloromethane	9.581	83	310	465.025	ug/l #	69
48) Methyl methacrylate	9.375	41	189	901.787	ug/l #	72
51) 4-Methyl-2-Pentanone	10.175	43	1392	5758.718	ug/l #	38
52) Toluene	10.352	92	125	104.086	ug/l #	1
53) t-1,3-Dichloropropene	10.652	75	1081	1795.618	ug/l #	72
55) 1,1,2-Trichloroethane	10.746	97	818	2328.110	ug/l #	80
56) Ethyl methacrylate	10.634	69	796	1565.310	ug/l #	35
57) 1,3-Dichloropropane	11.034	76	384	639.235	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.981	63	53	246.767	ug/l #	42
59) 2-Hexanone	10.904	43	172	1002.001	ug/l	83
60) Dibromochloromethane	11.140	129	79	178.123	ug/l	97
61) 1,2-Dibromoethane	11.081	107	379	1176.578	ug/l	96
64) Tetrachloroethene	10.669	164	203	24.099	ug/l #	25
65) Chlorobenzene	11.604	112	599	19.919	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.851	131	231	22.568	ug/l	72
67) Ethyl Benzene	11.663	91	566	10.786	ug/l	95
68) m/p-Xylenes	11.804	106	346	17.095	ug/l #	17
69) o-Xylene	12.122	106	565	31.074	ug/l	36
70) Styrene	12.134	104	181	5.582	ug/l #	3
71) Bromoform	12.299	173	141	25.401	ug/l #	1
73) Isopropylbenzene	12.440	105	251	12.278	ug/l	90
74) N-amyl acetate	12.234	43	452	100.735	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.451	83	4434	1040.469	ug/l	92
76) 1,2,3-Trichloropropane	12.722	75	208	75.579	ug/l #	100
77) Bromobenzene	12.704	156	11093	2412.218	ug/l #	1
78) n-propylbenzene	12.734	91	814	31.102	ug/l	93
79) 2-Chlorotoluene	12.734	91	814	55.633	ug/l	74
80) 1,3,5-Trimethylbenzene	12.957	105	772	44.603	ug/l	77
81) trans-1,4-Dichloro-2-b...	12.504	75	60	40.456	ug/l #	24
82) 4-Chlorotoluene	13.004	91	415	26.996	ug/l	87
83) tert-Butylbenzene	13.169	119	259	18.473	ug/l #	1

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 ClientSampleId :

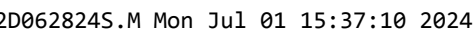
Quant Time: Jul 01 15:37:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

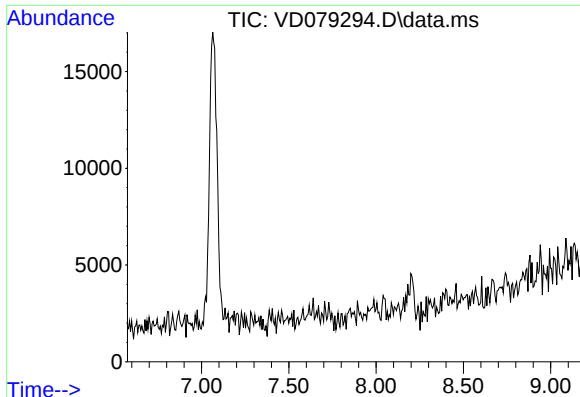
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

84) 1,2,4-Trimethylbenzene	13.240	105	167	9.640	ug/l	88
85) sec-Butylbenzene	13.334	105	654	29.316	ug/l	80
86) p-Isopropyltoluene	13.457	119	591	32.096	ug/l #	1
87) 1,3-Dichlorobenzene	13.451	146	498	50.928	ug/l #	1
88) 1,4-Dichlorobenzene	13.534	146	453	46.612	ug/l #	10
89) n-Butylbenzene	13.793	91	1591	88.054	ug/l	76
90) Hexachloroethane	14.022	117	472	116.541	ug/l #	13
91) 1,2-Dichlorobenzene	13.816	146	841	99.938	ug/l	76
92) 1,2-Dibromo-3-Chloropr...	14.440	75	59	100.987	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.098	180	508	113.216	ug/l #	35
95) Naphthalene	15.334	128	1861	212.486	ug/l #	54
96) 1,2,3-Trichlorobenzene	15.510	180	138	34.782	ug/l #	52

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

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Response via : Initial Calibration



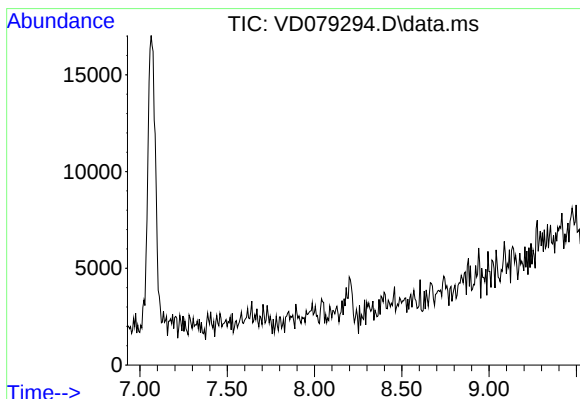
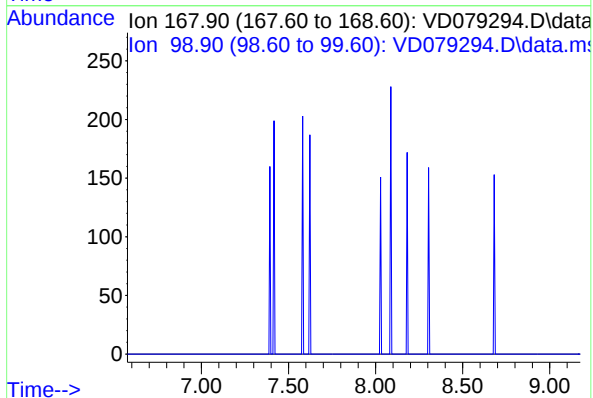


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.88 min

Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

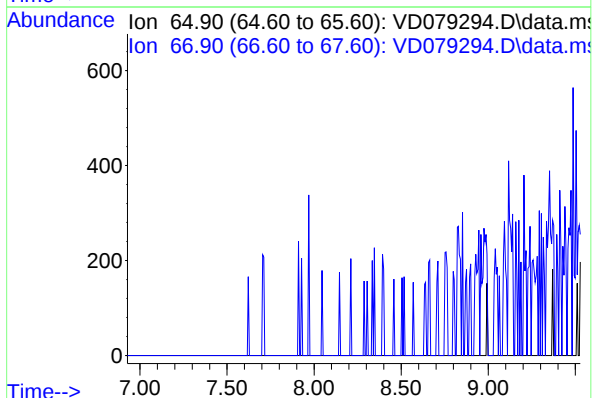
Tgt Ion: 168
Sig Exp Ratio
168 100
99 51.4

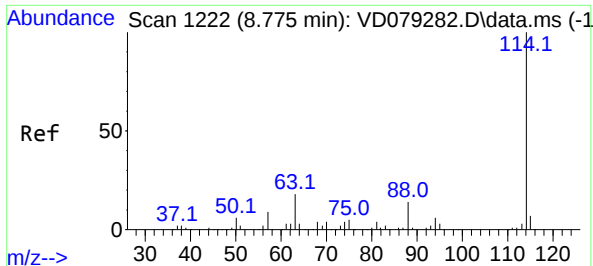


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

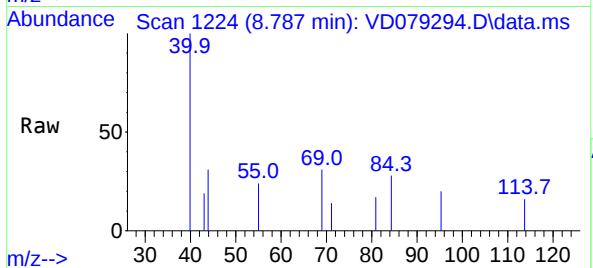
Tgt Ion: 65
Sig Exp Ratio
65 100
67 55.5



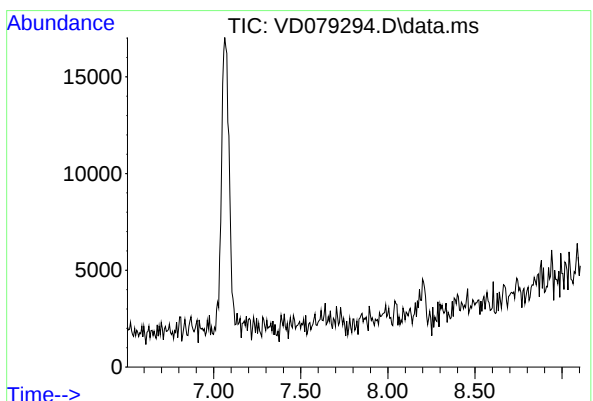
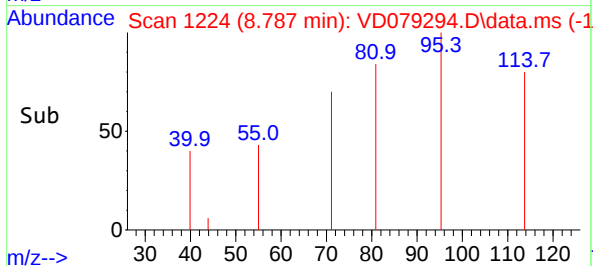
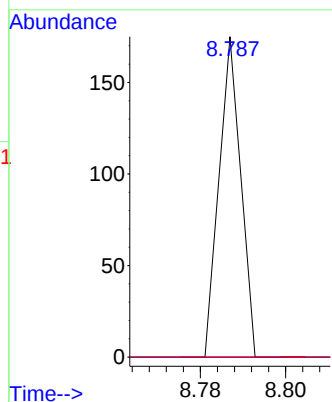


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.787 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :



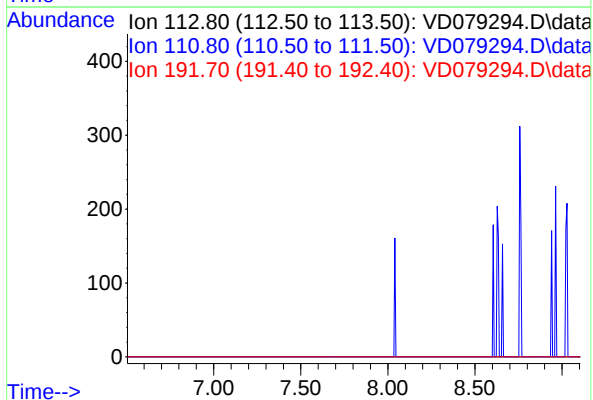
Tgt Ion:114 Resp: 62
Ion Ratio Lower Upper
114 100
63 0.0 0.0 34.0
88 0.0 0.0 27.2

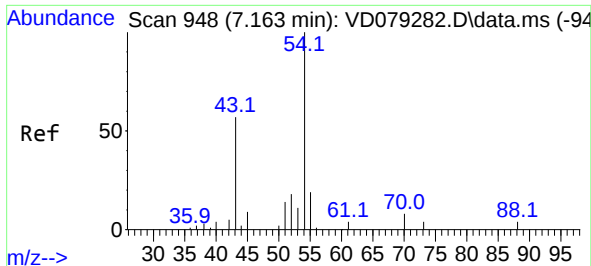


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.80 min

Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

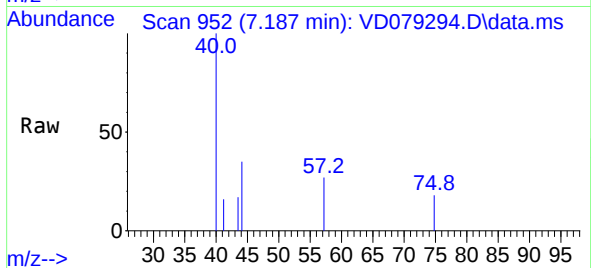
Tgt Ion: 113
Sig Exp Ratio
113 100
111 105.0
192 19.2



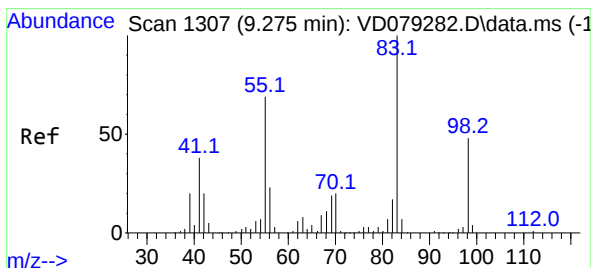
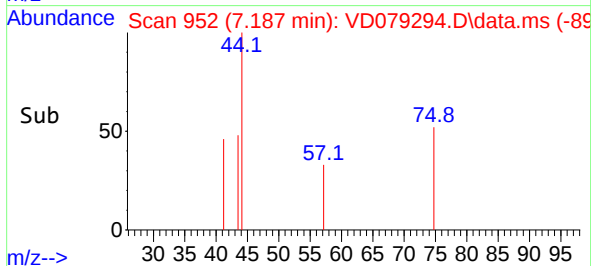
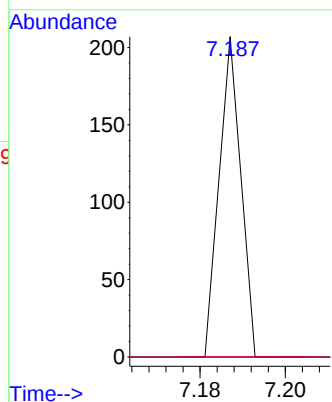


#37
Ethyl Acetate
Concen: 303.309 ug/l
RT: 7.187 min Scan# 91
Delta R.T. 0.024 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

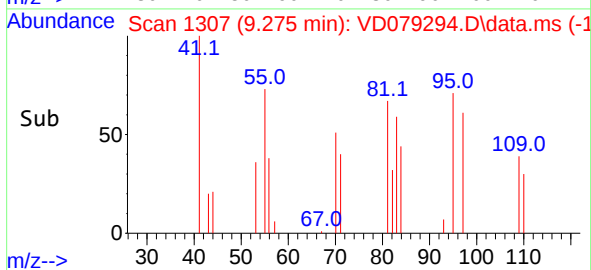
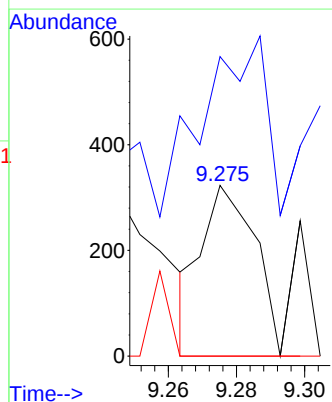
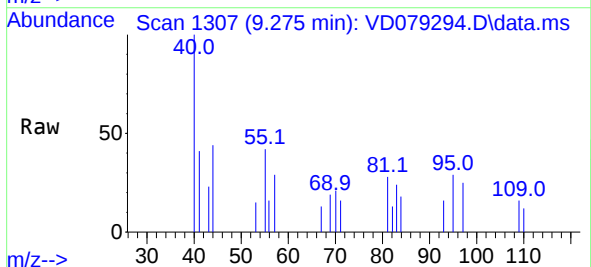


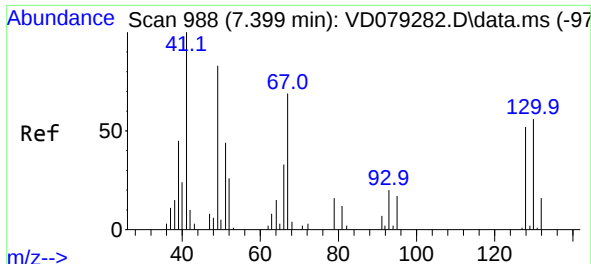
Tgt Ion: 43	Resp: 73		
Ion Ratio	Lower	Upper	
43 100			
61 0.0	13.9	20.9#	
70 0.0	9.8	14.6#	



#39
Methylcyclohexane
Concen: 471.847 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

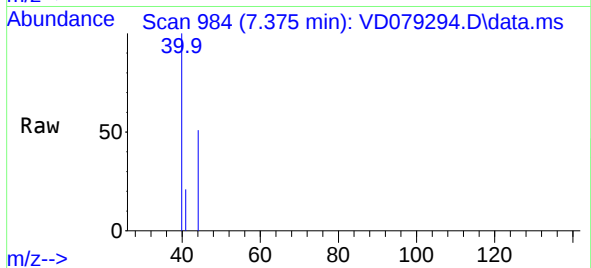
Tgt Ion: 83	Resp: 351
Ion Ratio	Lower Upper
83 100	
55 93.2	50.1 75.1#
98 0.0	41.9 62.9#



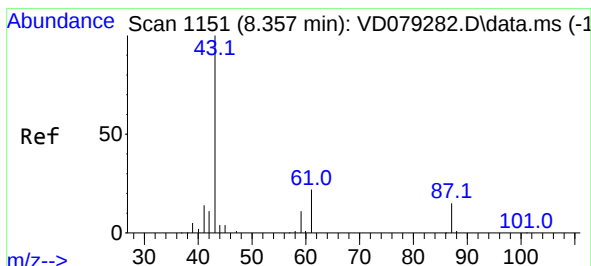
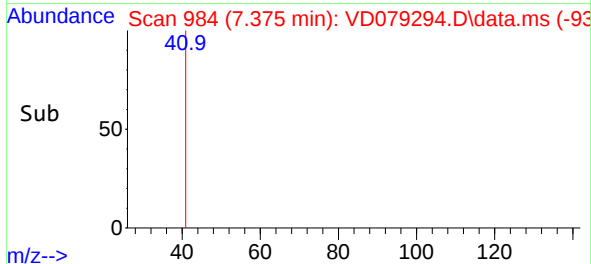
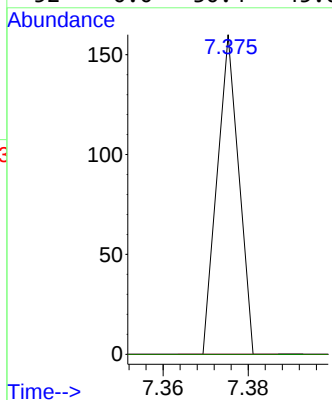


#41
Methacrylonitrile
Concen: 423.298 ug/l
RT: 7.375 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

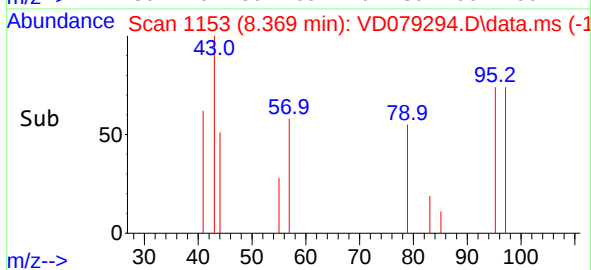
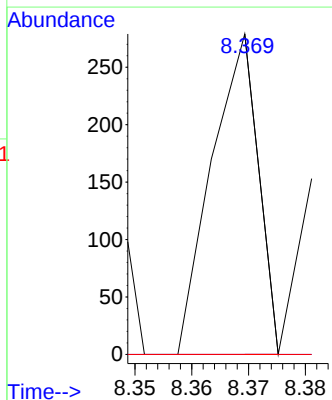
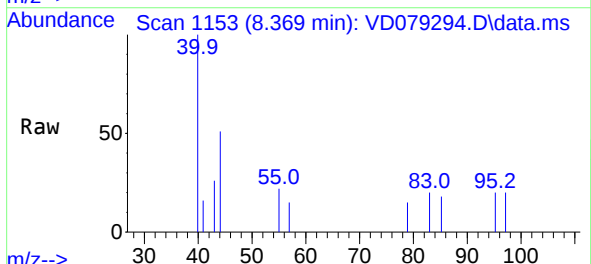


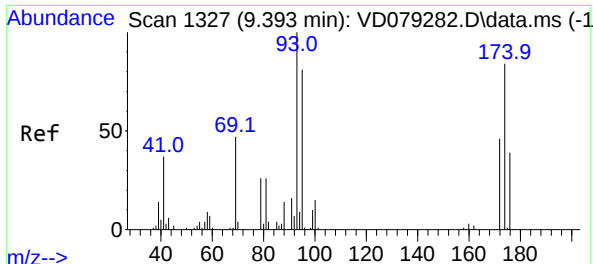
Tgt Ion:	41	Resp:	56
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.4	62.0#
67	0.0	85.8	128.6#
52	0.0	30.4	45.6#



#43
Isopropyl Acetate
Concen: 340.158 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.012 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion:	43	Resp:	158
Ion	Ratio	Lower	Upper
43	100		
61	0.0	29.3	43.9#
87	0.0	14.9	22.3#





#46

Dibromomethane

Concen: 422.153 ug/l

RT: 9.405 min Scan# 115

Delta R.T. 0.012 min

Lab File: VD079294.D

Acq: 01 Jul 2024 14:23

Instrument :

MSVOA_D

ClientSampleId :

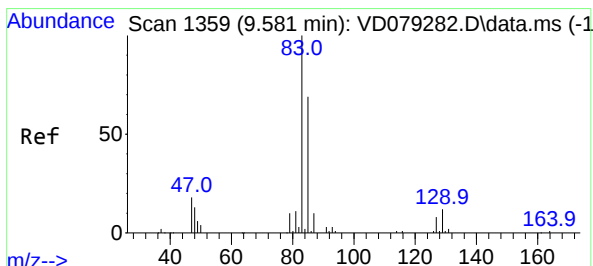
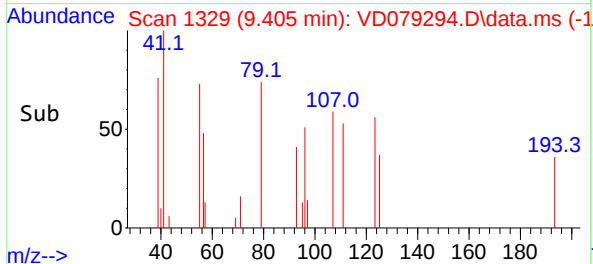
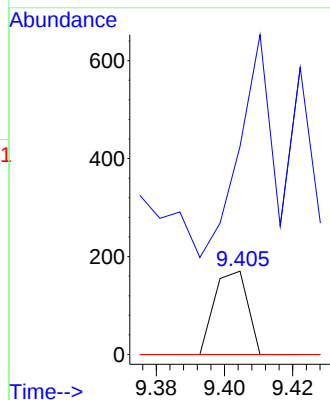
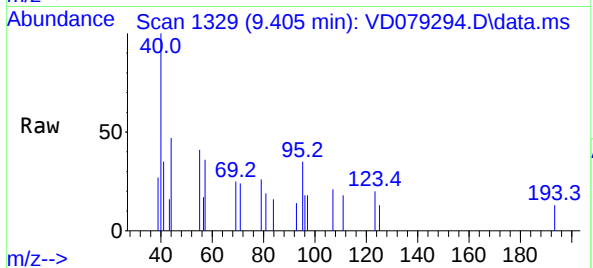
Tgt Ion: 93 Resp: 115

Ion Ratio Lower Upper

93 100

95 861.7 65.6 98.4#

174 0.0 82.3 123.5#



#47

Bromodichloromethane

Concen: 465.025 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD079294.D

Acq: 01 Jul 2024 14:23

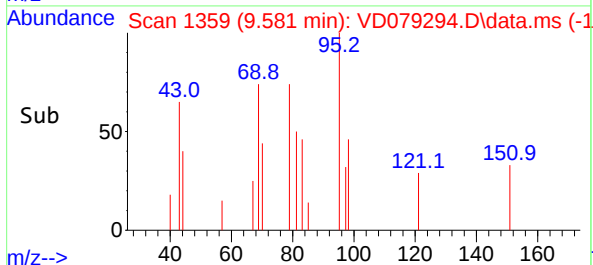
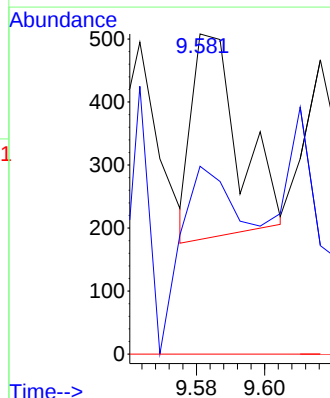
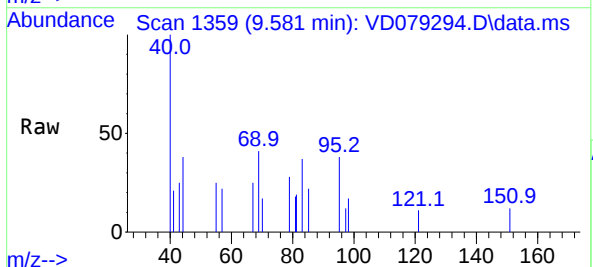
Tgt Ion: 83 Resp: 310

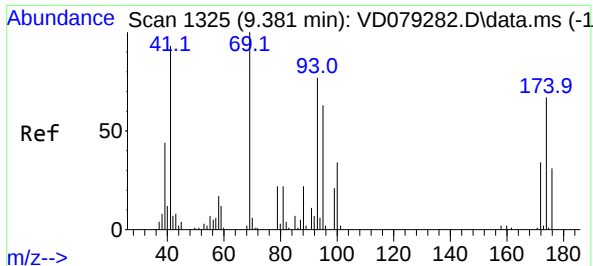
Ion Ratio Lower Upper

83 100

85 37.6 50.1 75.1#

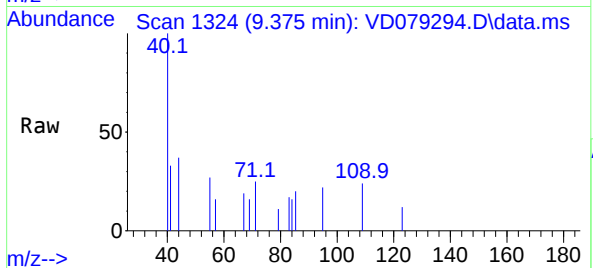
127 0.0 6.8 10.2#



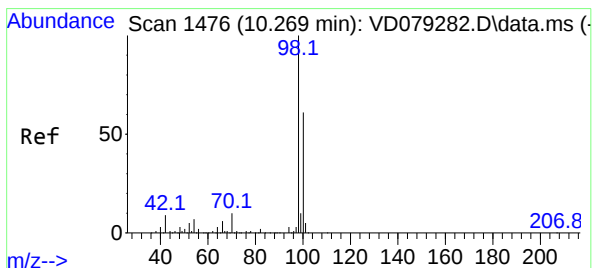
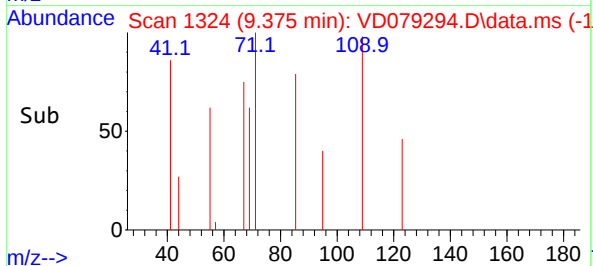
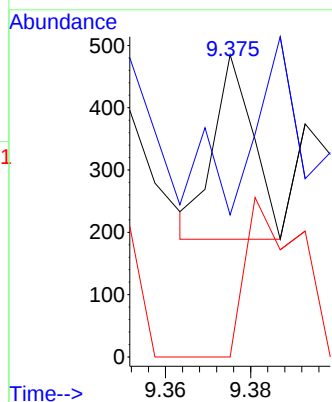


#48
Methyl methacrylate
Concen: 901.787 ug/l
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

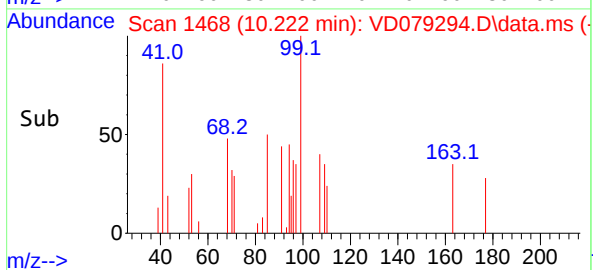
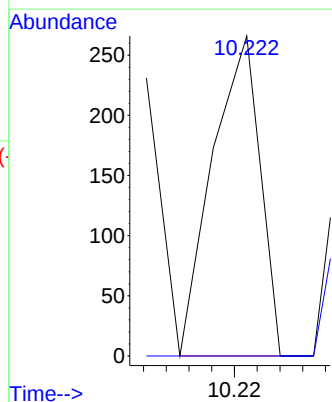
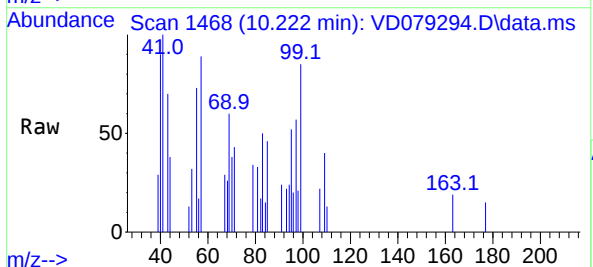


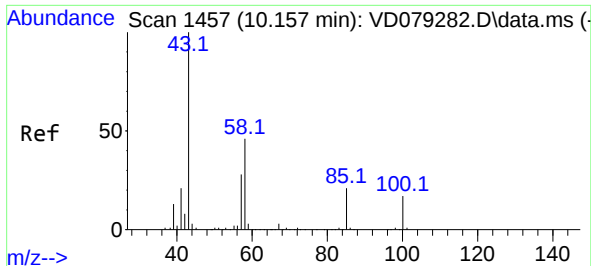
Tgt Ion: 41 Resp: 189
Ion Ratio Lower Upper
41 100
69 119.6 96.7 145.1
39 117.5 43.8 65.6#



#50
Toluene-d8
Concen: 105.870 ug/l
RT: 10.222 min Scan# 1468
Delta R.T. -0.047 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion: 98 Resp: 155
Ion Ratio Lower Upper
98 100
100 72.9 51.6 77.4

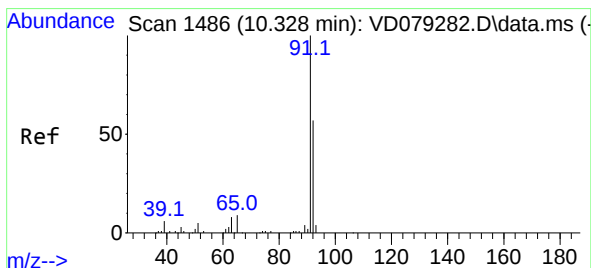
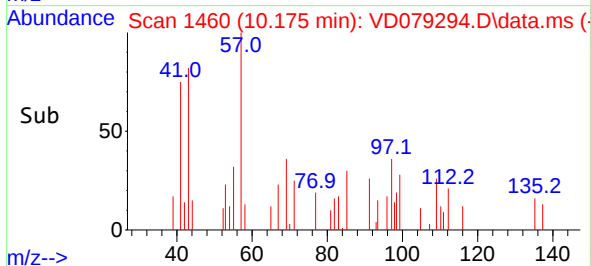
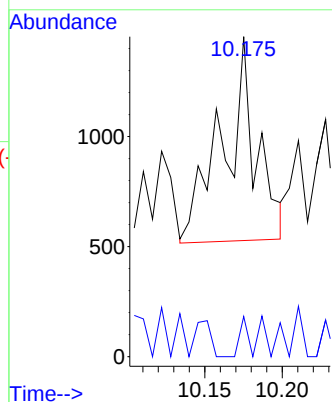
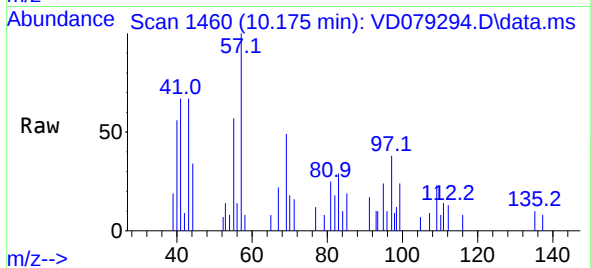




#51
4-Methyl-2-Pentanone
Concen: 5758.718 ug/l
RT: 10.175 min Scan# 1457
Delta R.T. 0.018 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

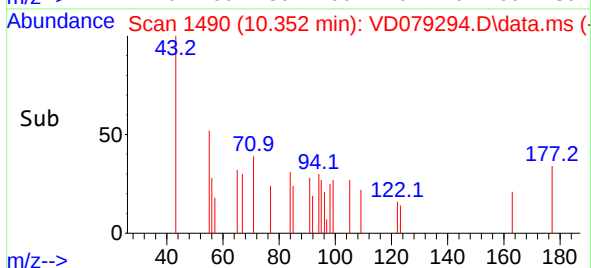
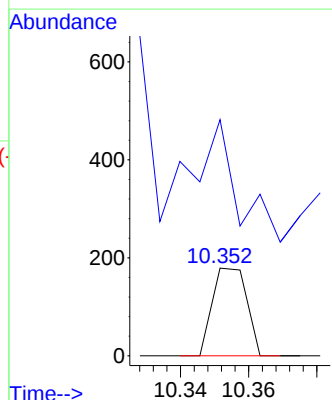
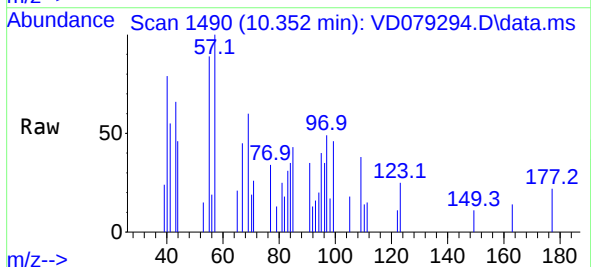
Instrument :
MSVOA_D
ClientSampleId :

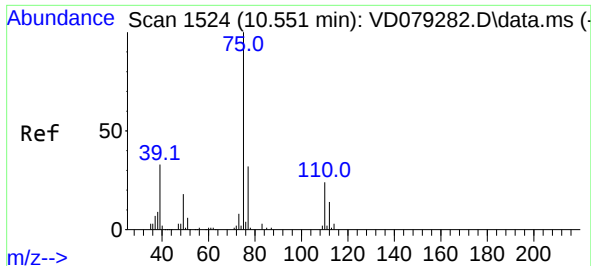
Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
58 4.6 36.6 55.0#



#52
Toluene
Concen: 104.086 ug/l
RT: 10.352 min Scan# 1490
Delta R.T. 0.018 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

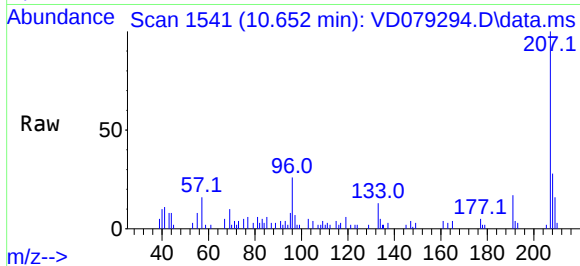
Tgt Ion: 92 Resp: 125
Ion Ratio Lower Upper
92 100
91 0.0 141.7 212.5#



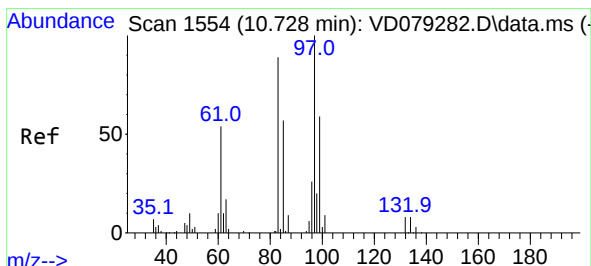
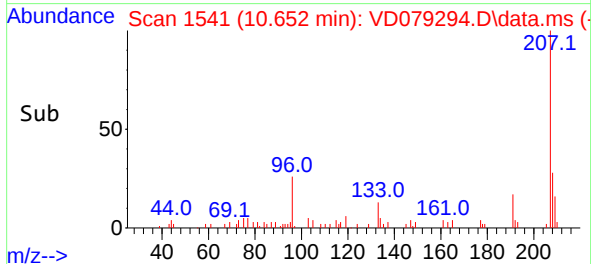
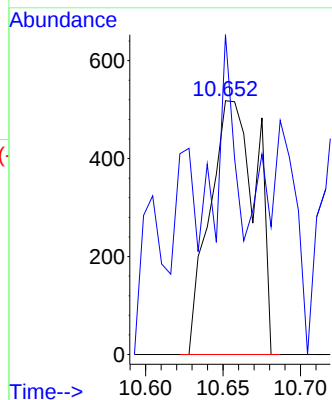


#53
t-1,3-Dichloropropene
Concen: 1795.618 ug/l
RT: 10.652 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

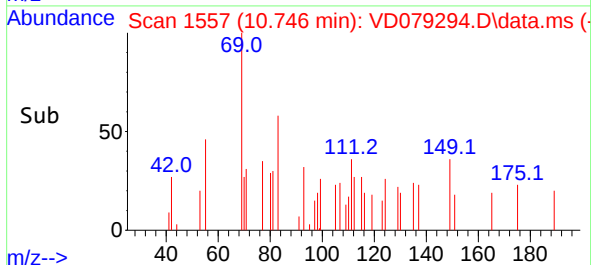
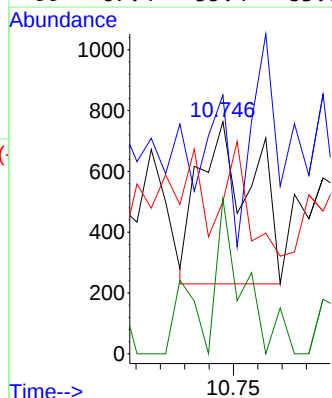
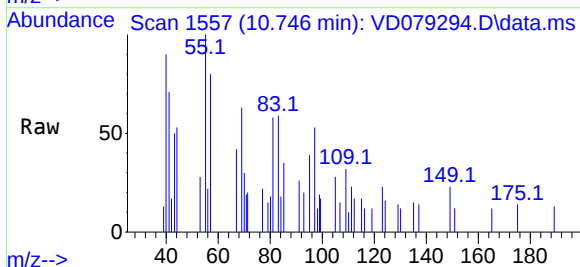


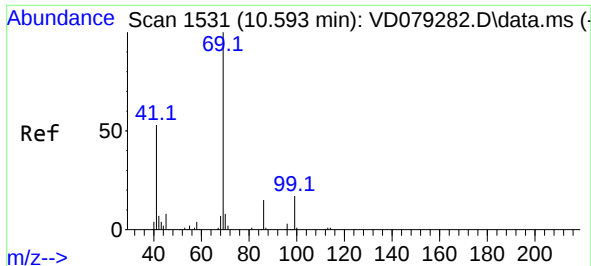
Tgt Ion: 75 Resp: 1081
Ion Ratio Lower Upper
75 100
77 46.9 25.0 37.6#



#55
1,1,2-Trichloroethane
Concen: 2328.110 ug/l
RT: 10.746 min Scan# 1557
Delta R.T. 0.018 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

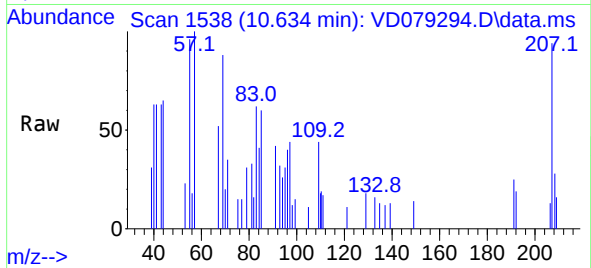
Tgt Ion: 97 Resp: 818
Ion Ratio Lower Upper
97 100
83 56.3 65.8 98.8#
85 33.8 43.8 65.8#
99 67.4 55.4 83.0



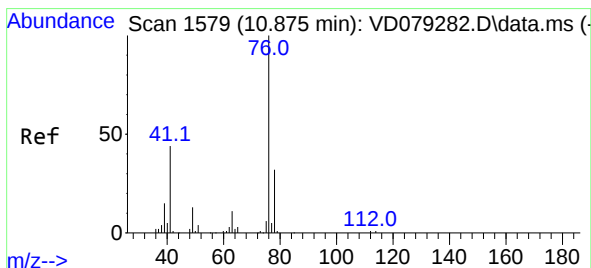
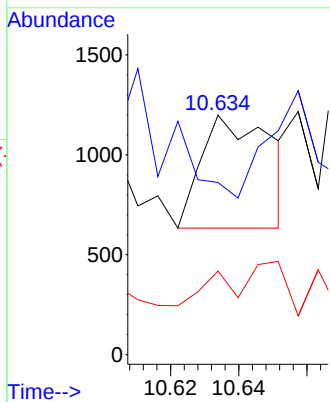
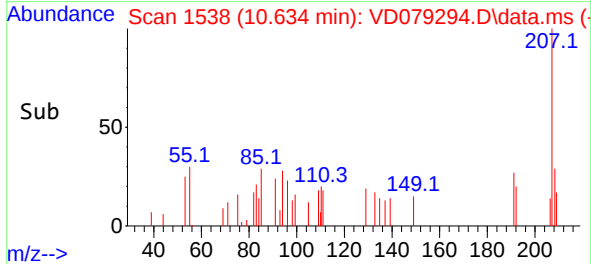


#56
Ethyl methacrylate
Concen: 1565.310 ug/l
RT: 10.634 min Scan# 1106
Delta R.T. 0.041 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

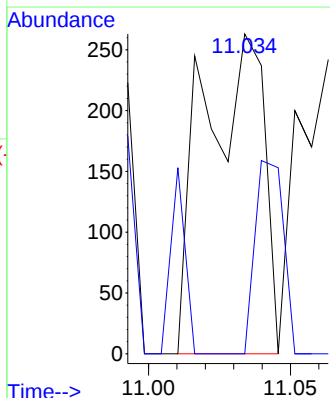
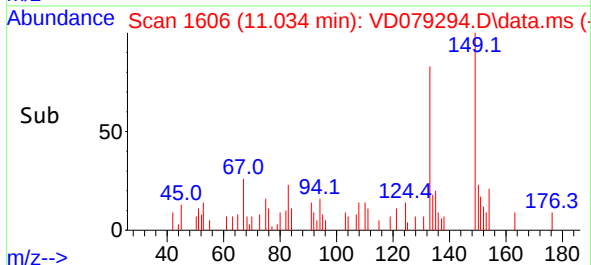
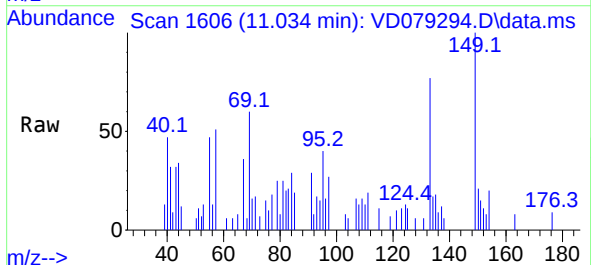


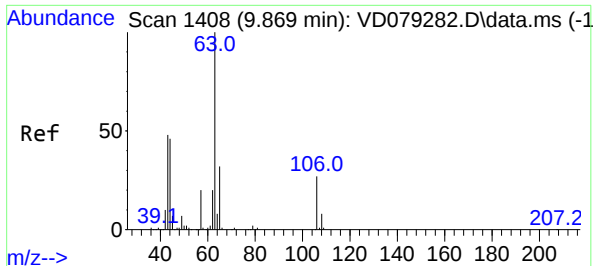
Tgt Ion: 69 Resp: 796
Ion Ratio Lower Upper
69 100
41 0.0 39.8 59.6#
39 0.0 20.2 30.4#



#57
1,3-Dichloropropane
Concen: 639.235 ug/l
RT: 11.034 min Scan# 1606
Delta R.T. 0.159 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion: 76 Resp: 384
Ion Ratio Lower Upper
76 100
78 28.6 26.2 39.2

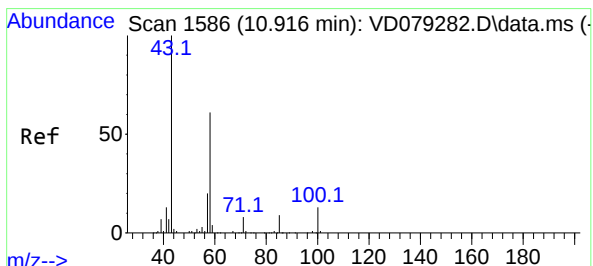
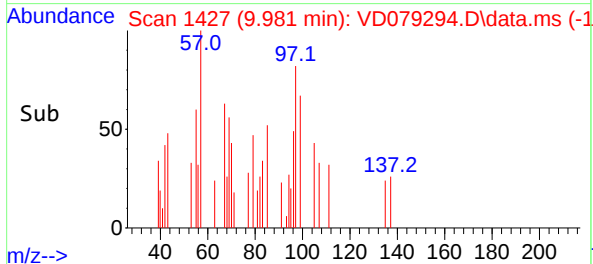
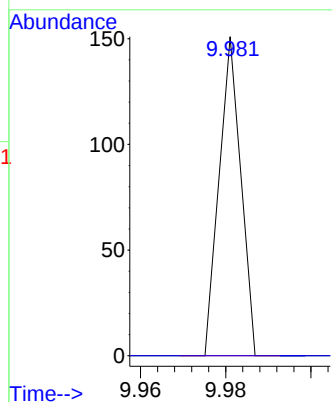
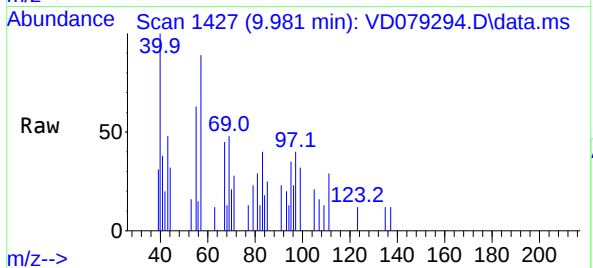




#58
2-Chloroethyl Vinyl ether
Concen: 246.767 ug/l
RT: 9.981 min Scan# 1408
Delta R.T. 0.112 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

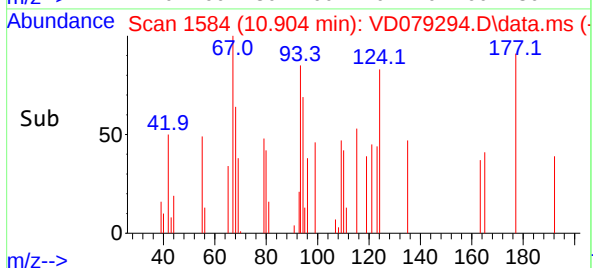
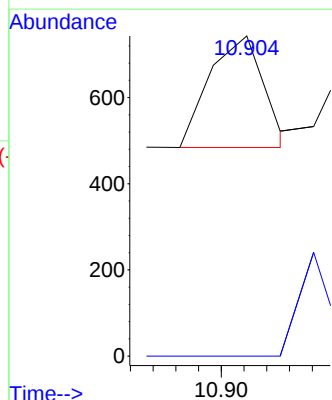
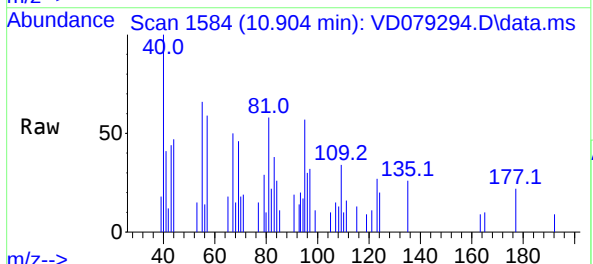
Instrument :
MSVOA_D
ClientSampleId :

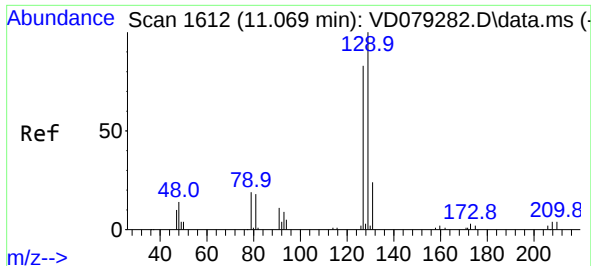
Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 26.4 39.6#



#59
2-Hexanone
Concen: 1002.001 ug/l
RT: 10.904 min Scan# 1584
Delta R.T. -0.018 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
58 49.4 31.1 93.5

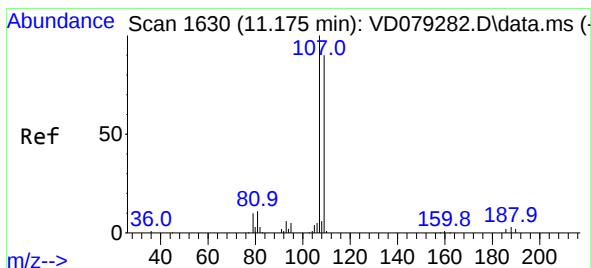
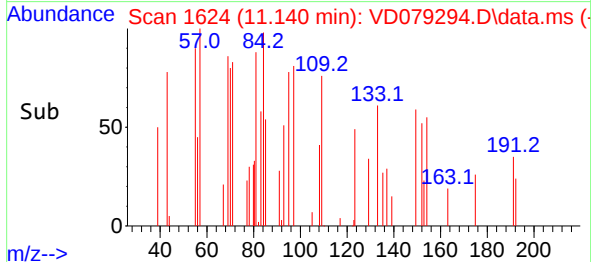
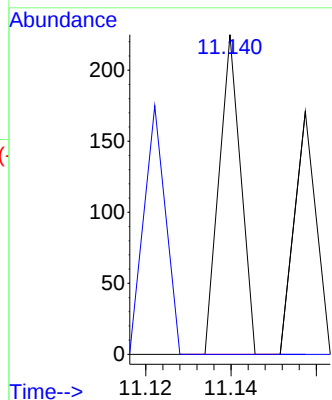
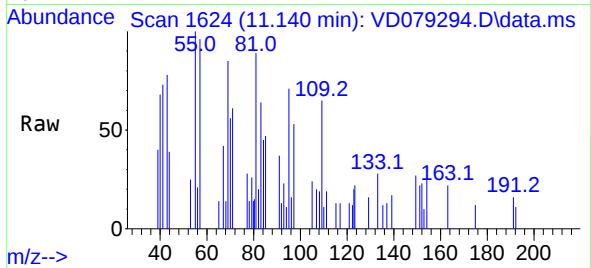




#60
Dibromochloromethane
Concen: 178.123 ug/l
RT: 11.140 min Scan# 1624
Delta R.T. 0.071 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

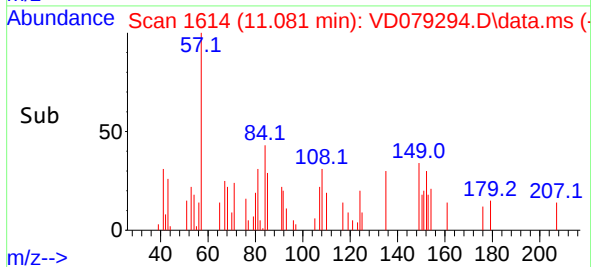
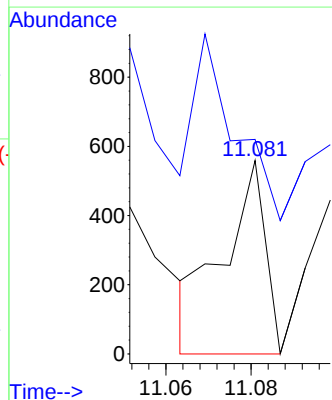
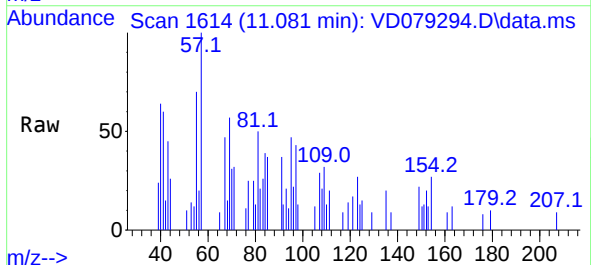
Instrument :
MSVOA_D
ClientSampleId :

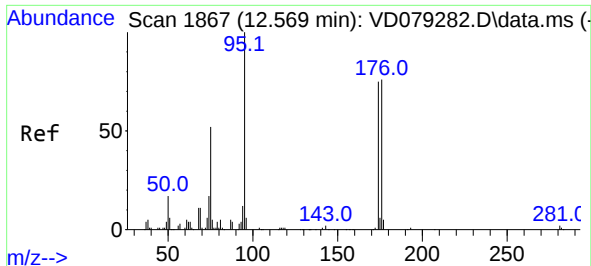
Tgt Ion:129 Resp: 79
Ion Ratio Lower Upper
129 100
127 78.5 38.0 113.9



#61
1,2-Dibromoethane
Concen: 1176.578 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. -0.094 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion:107 Resp: 379
Ion Ratio Lower Upper
107 100
109 93.7 72.0 108.0



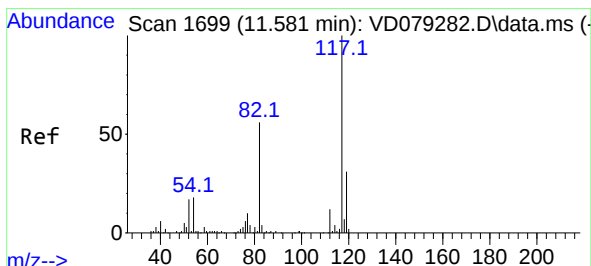
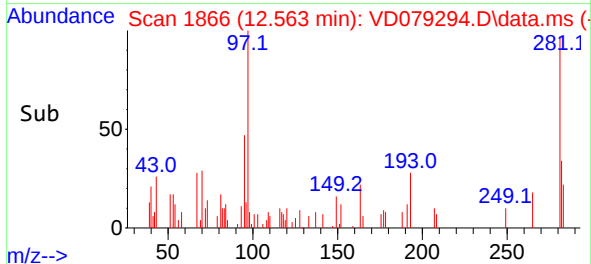
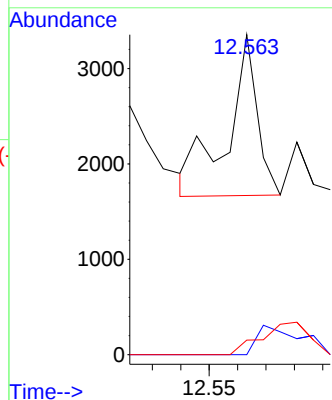
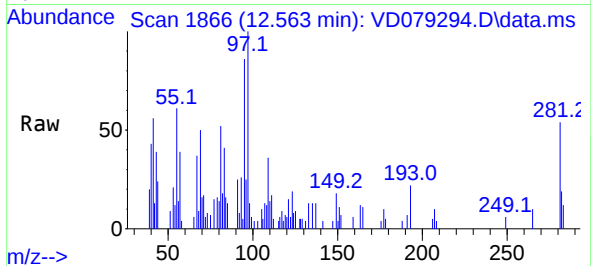


#62
4-Bromofluorobenzene
Concen: 2658.284 ug/l
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 1248

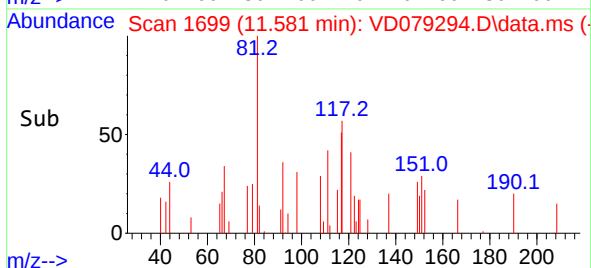
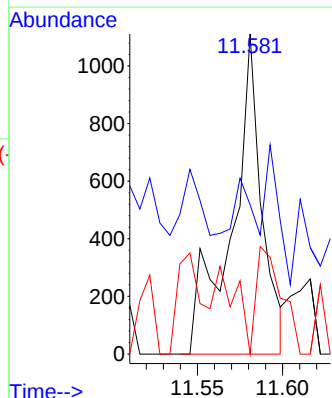
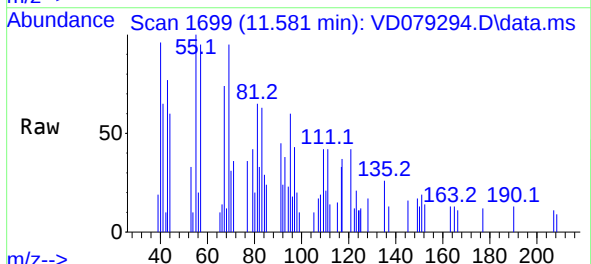
Ion	Ratio	Lower	Upper
95	100		
174	26.0	0.0	195.4
176	31.7	0.0	192.6

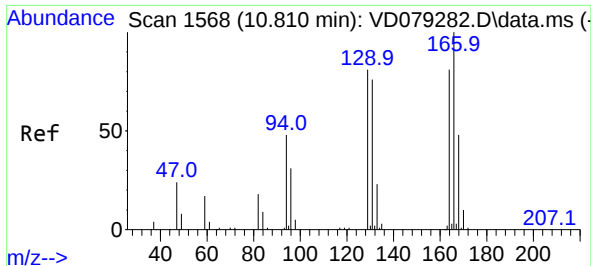


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion: 117 Resp: 1352

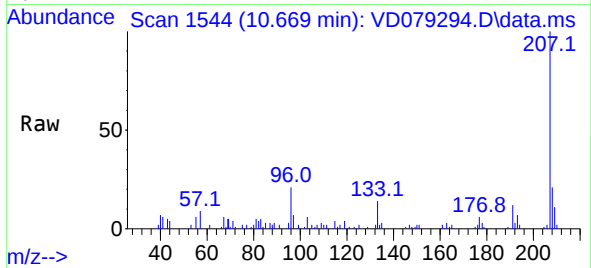
Ion	Ratio	Lower	Upper
117	100		
82	4.9	39.8	59.6#
119	0.0	25.7	38.5#



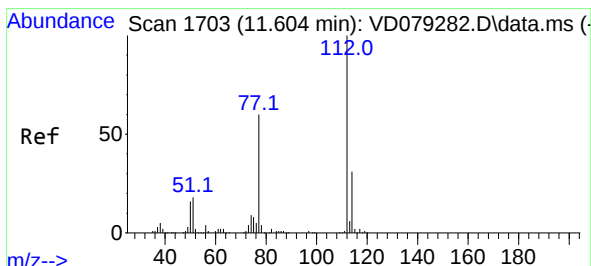
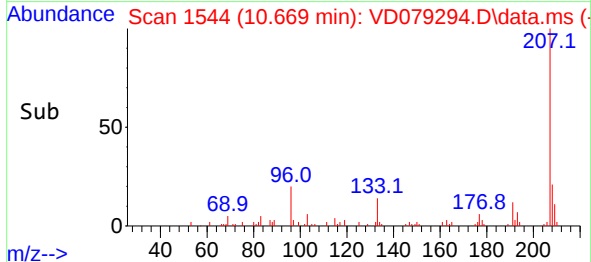
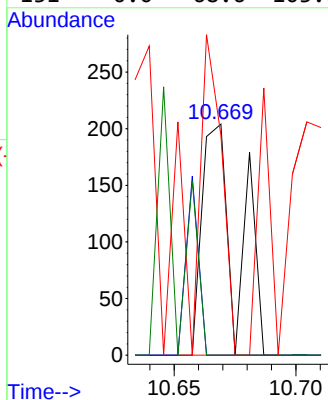


#64
Tetrachloroethene
Concen: 24.099 ug/l
RT: 10.669 min Scan# 11
Delta R.T. -0.135 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

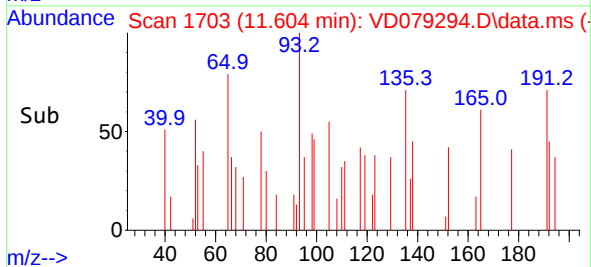
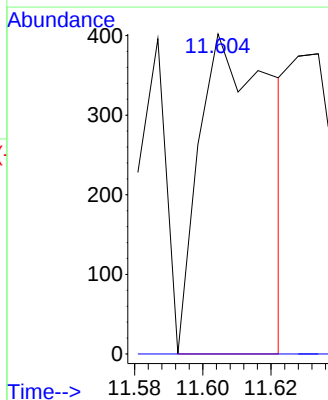
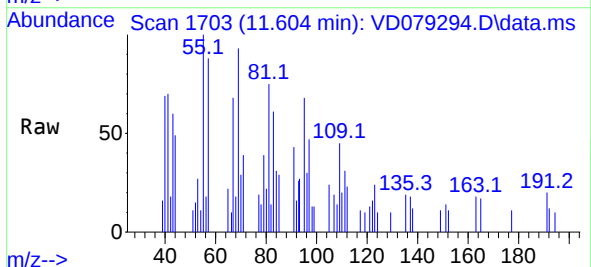


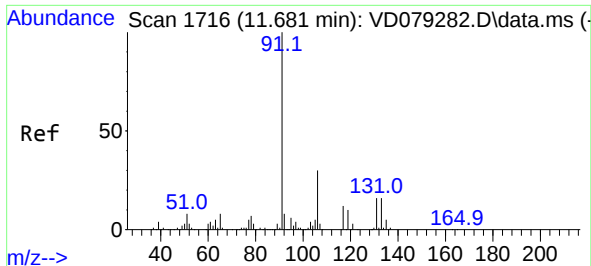
Tgt Ion:164 Resp: 203
Ion Ratio Lower Upper
164 100
166 0.0 108.6 163.0#
129 95.1 74.6 112.0
131 0.0 68.6 103.0#



#65
Chlorobenzene
Concen: 19.919 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion:112 Resp: 599
Ion Ratio Lower Upper
112 100
114 0.0 26.0 39.0#

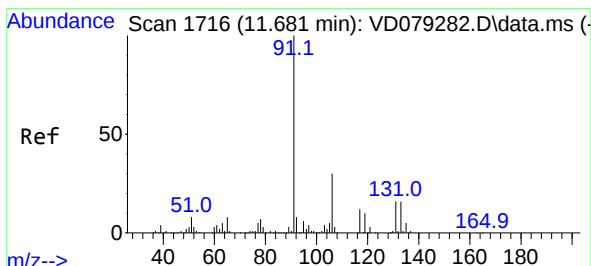
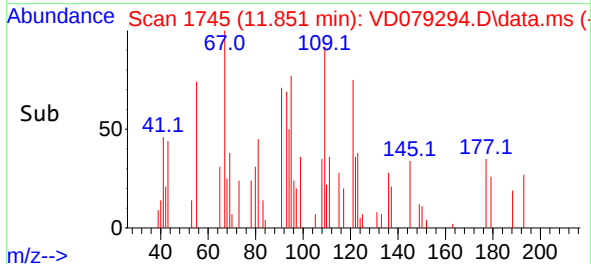
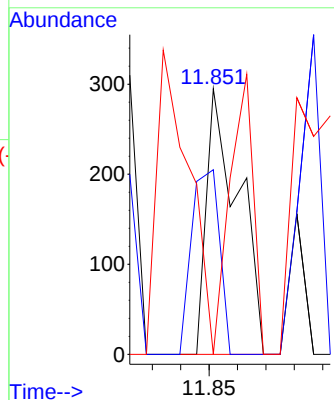
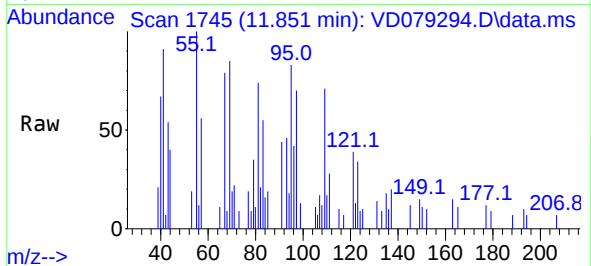




#66
1,1,1,2-Tetrachloroethane
Concen: 22.568 ug/l
RT: 11.851 min Scan# 1713
Delta R.T. 0.171 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

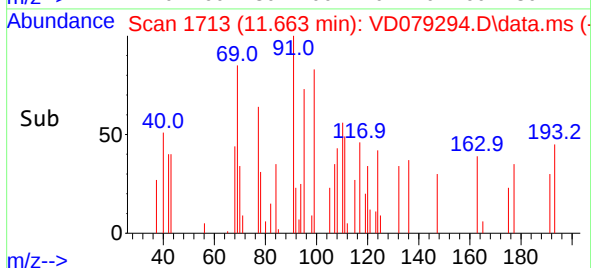
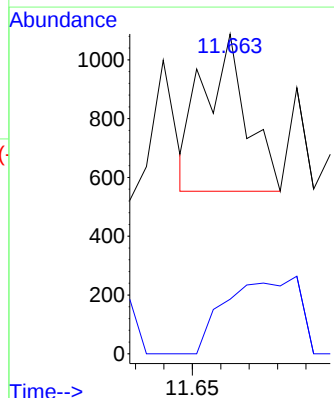
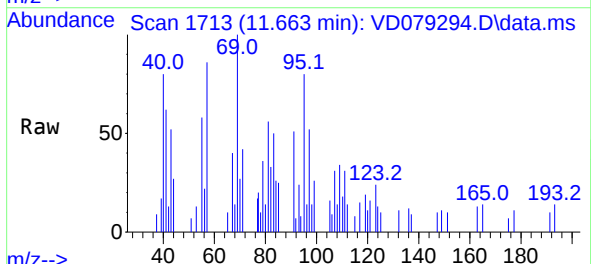
Instrument :
MSVOA_D
ClientSampleId :

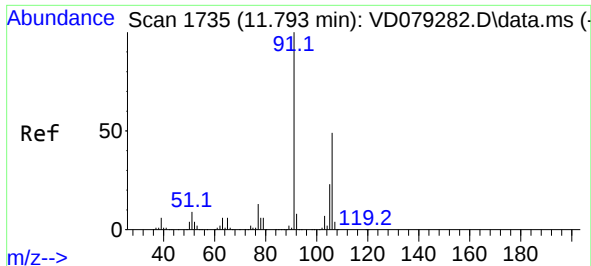
Tgt Ion:131 Resp: 231
Ion Ratio Lower Upper
131 100
133 60.6 49.2 147.6
119 77.5 33.4 100.2



#67
Ethyl Benzene
Concen: 10.786 ug/l
RT: 11.663 min Scan# 1713
Delta R.T. -0.018 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

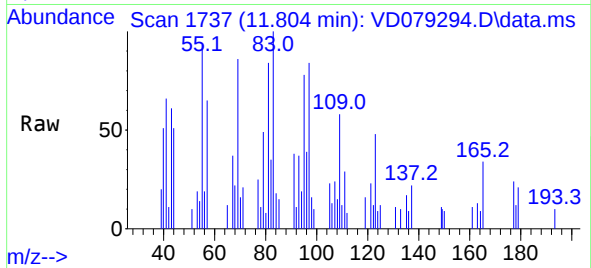
Tgt Ion: 91 Resp: 566
Ion Ratio Lower Upper
91 100
106 34.8 25.8 38.6



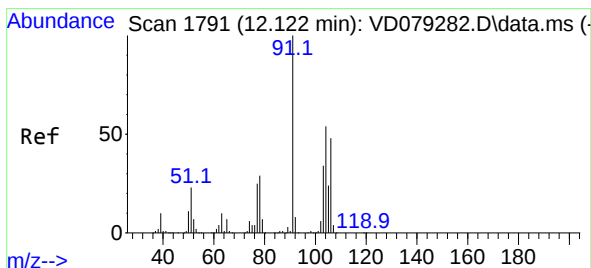
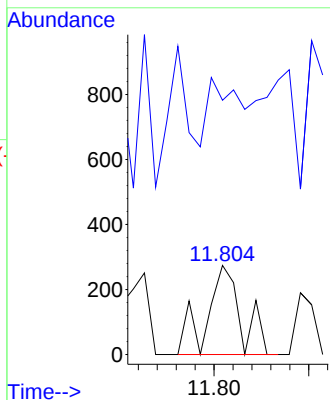
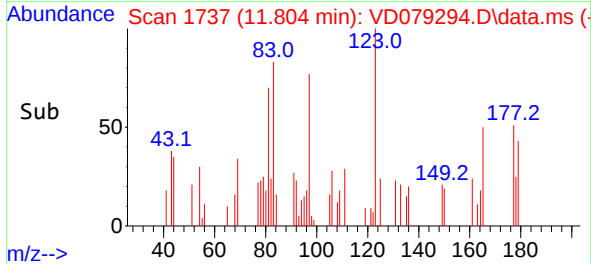


#68
m/p-Xylenes
Concen: 17.095 ug/l
RT: 11.804 min Scan# 1737
Delta R.T. 0.012 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

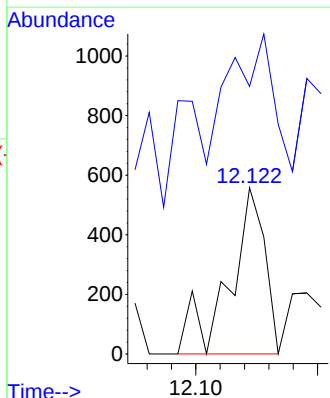
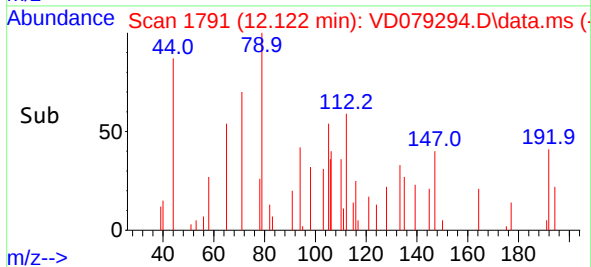
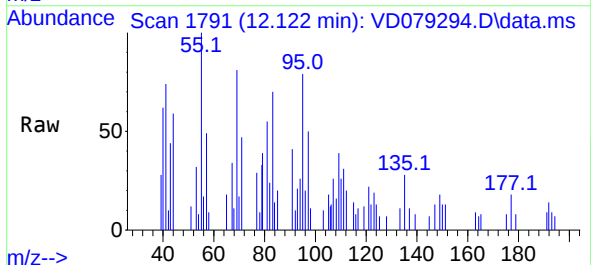


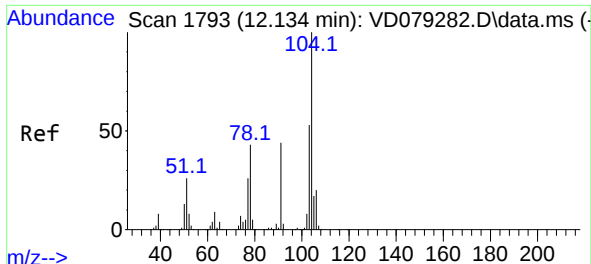
Tgt Ion:106 Resp: 346
Ion Ratio Lower Upper
106 100
91 65.9 148.5 222.7#



#69
o-Xylene
Concen: 31.074 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

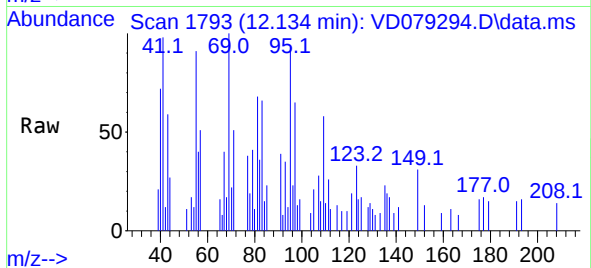
Tgt Ion:106 Resp: 565
Ion Ratio Lower Upper
106 100
91 98.2 96.7 290.1



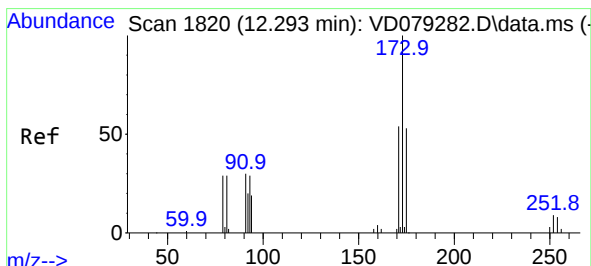
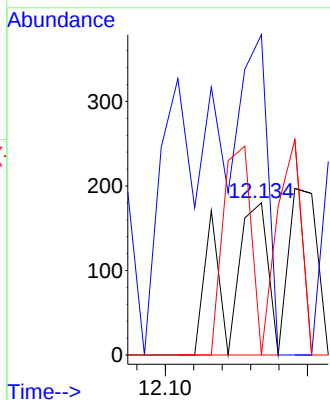
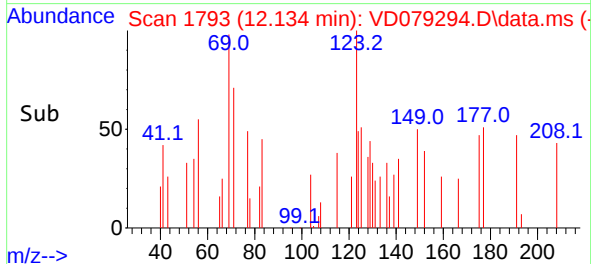


#70
Styrene
Concen: 5.582 ug/l
RT: 12.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

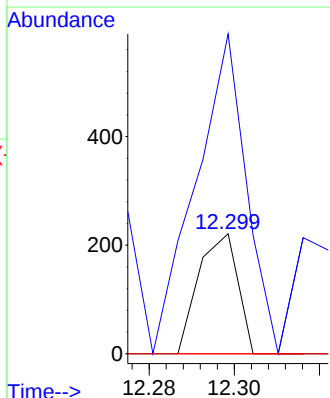
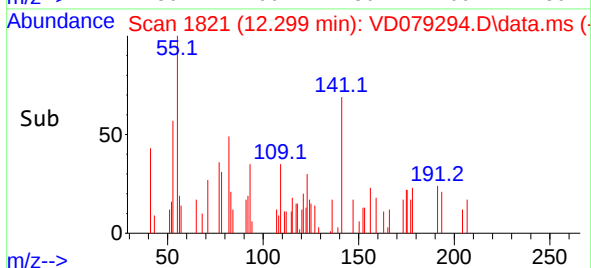
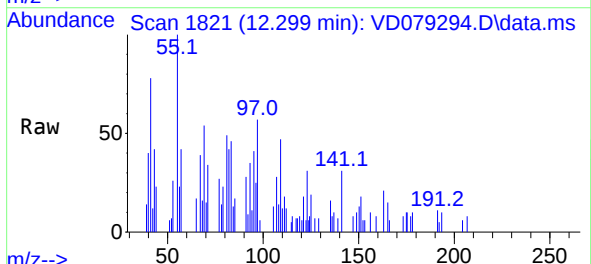


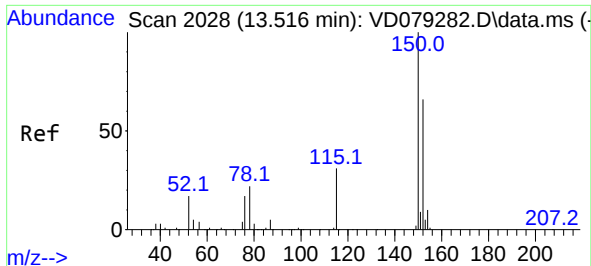
Tgt Ion:104 Resp: 181
Ion Ratio Lower Upper
104 100
78 139.8 33.0 49.6#
103 92.8 44.2 66.4#



#71
Bromoform
Concen: 25.401 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

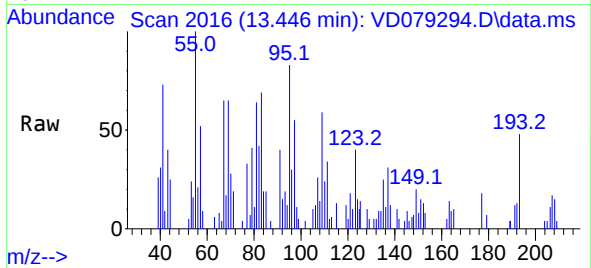
Tgt Ion:173 Resp: 141
Ion Ratio Lower Upper
173 100
175 409.2 23.7 71.1#
254 0.0 0.0 0.0



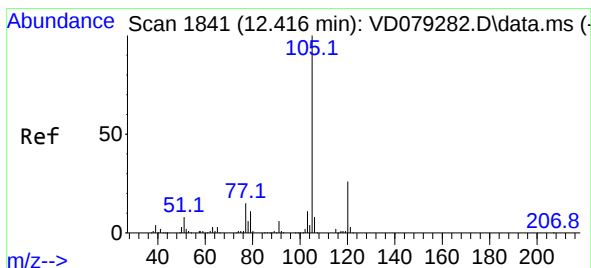
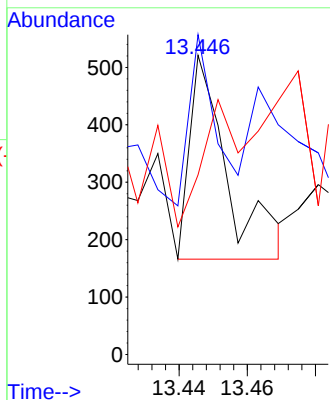
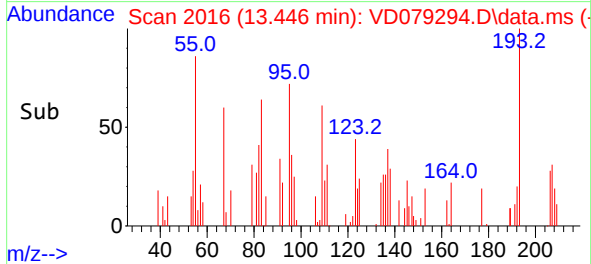


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 2028
Delta R.T. -0.071 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

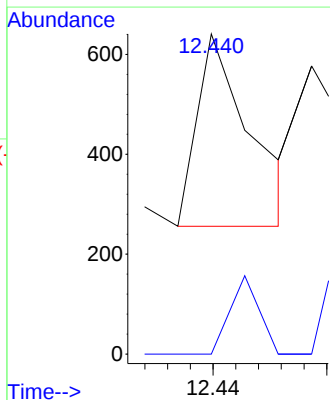
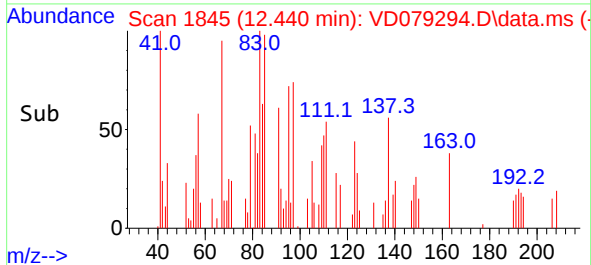
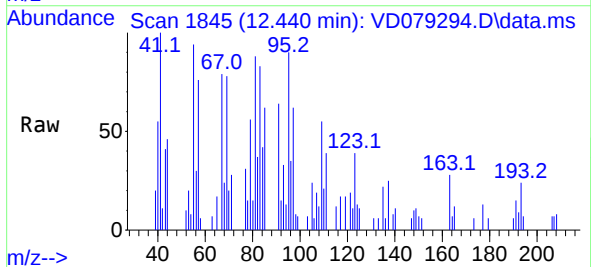


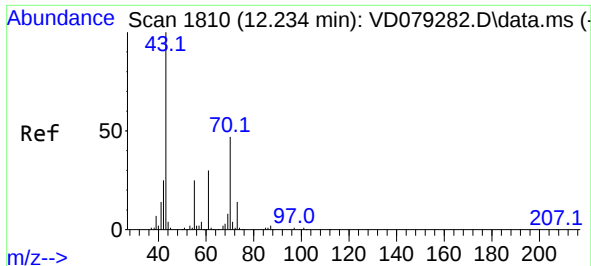
Tgt Ion:152 Resp: 275
Ion Ratio Lower Upper
152 100
115 58.9 26.5 79.5
150 97.1 0.0 341.6



#73
Isopropylbenzene
Concen: 12.278 ug/l
RT: 12.440 min Scan# 1845
Delta R.T. 0.024 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

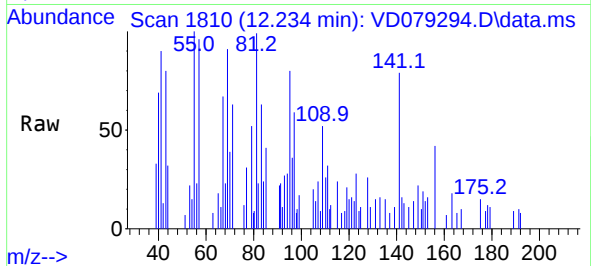
Tgt Ion:105 Resp: 251
Ion Ratio Lower Upper
105 100
120 21.9 13.6 40.7





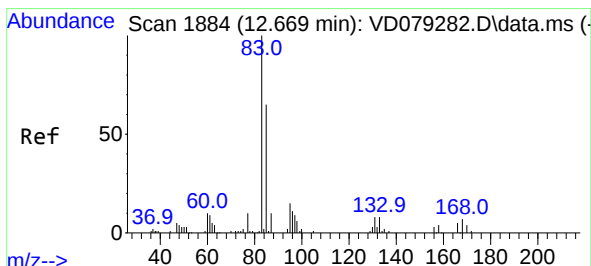
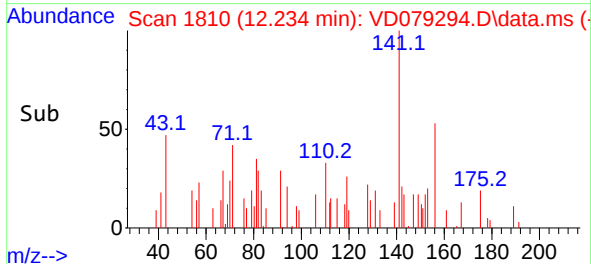
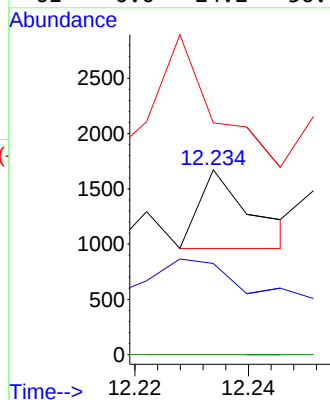
#74
N-amy1 acetate
Concen: 100.735 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 452

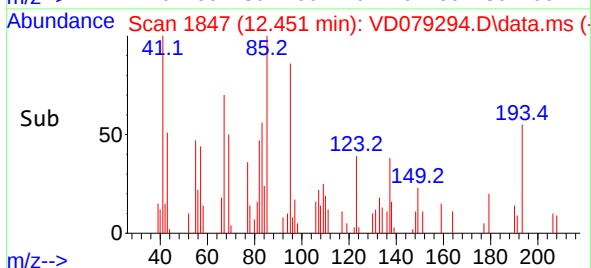
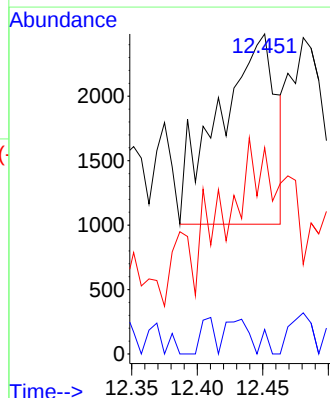
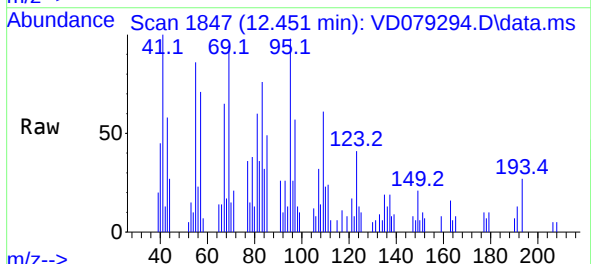
Ion	Ratio	Lower	Upper
43	100		
70	148.0	44.3	66.5#
55	185.8	23.2	34.8#
61	0.0	24.2	36.4#

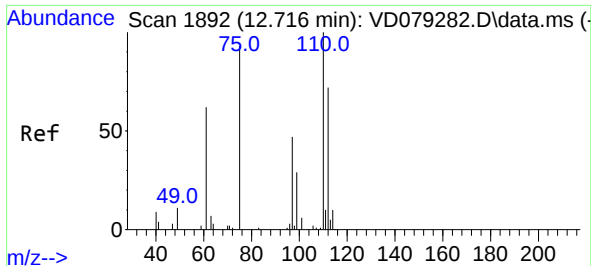


#75
1,1,2,2-Tetrachloroethane
Concen: 1040.469 ug/l
RT: 12.451 min Scan# 1847
Delta R.T. -0.218 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion: 83 Resp: 4434

Ion	Ratio	Lower	Upper
83	100		
131	7.4	5.5	16.5
85	60.9	33.8	101.3

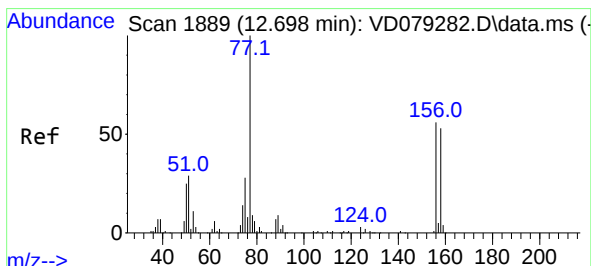
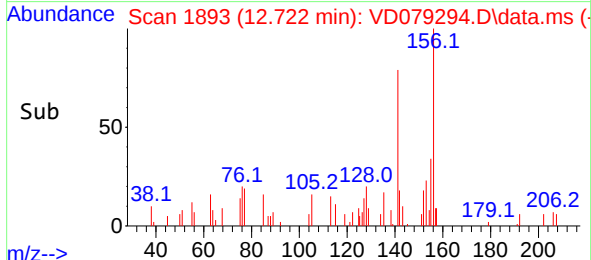
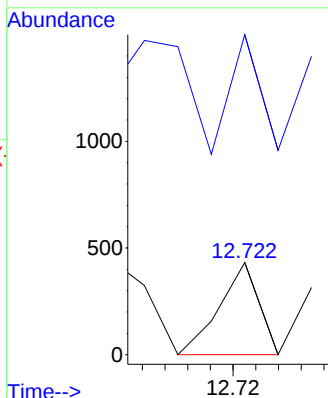
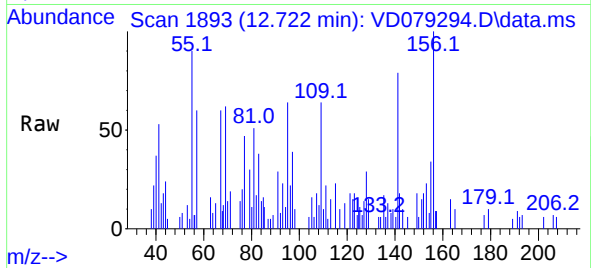




#76
1,2,3-Trichloropropane
Concen: 75.579 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

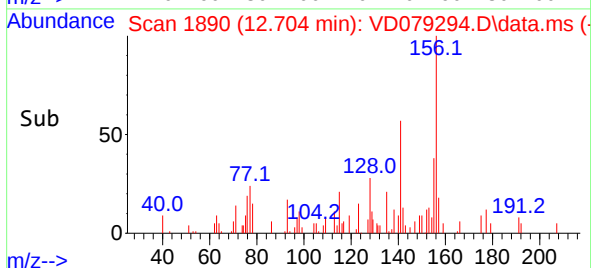
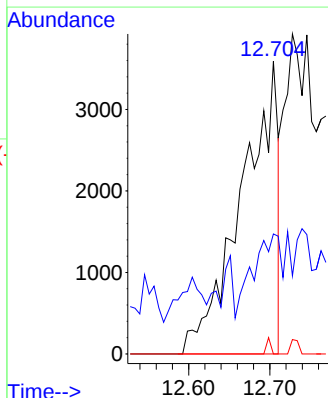
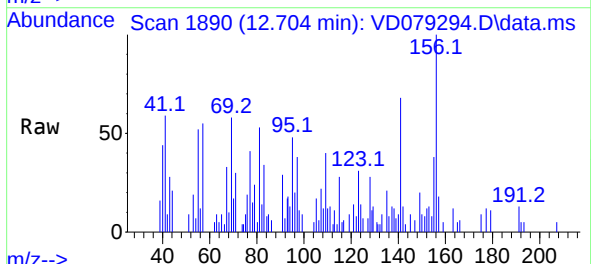
Instrument :
MSVOA_D
ClientSampleId :

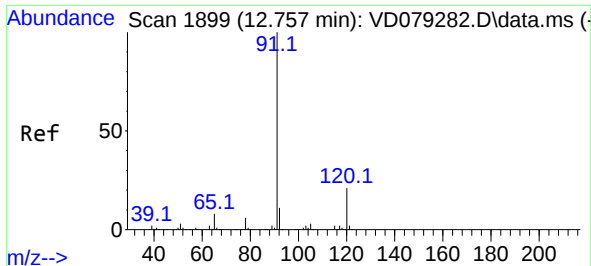
Tgt Ion: 75 Resp: 208
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 2412.218 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion:156 Resp: 11093
Ion Ratio Lower Upper
156 100
77 22.1 77.3 231.9#
158 0.6 49.6 149.0#

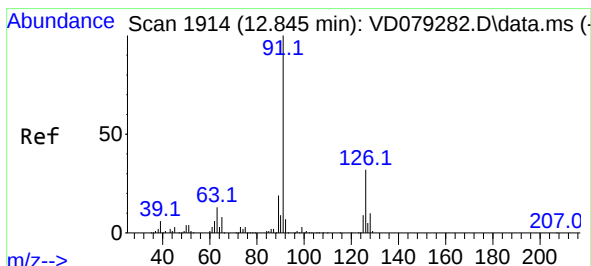
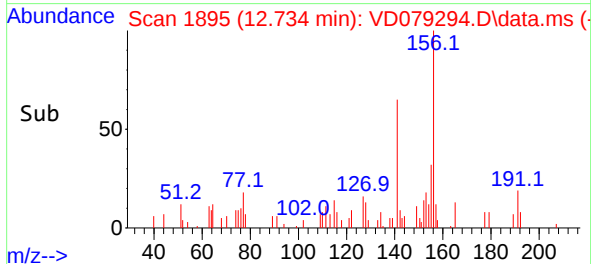
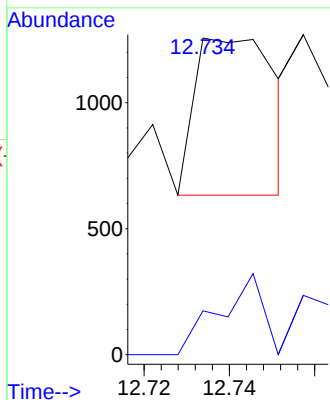
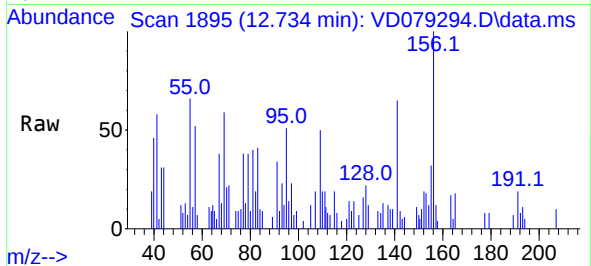




#78
n-propylbenzene
Concen: 31.102 ug/l
RT: 12.734 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

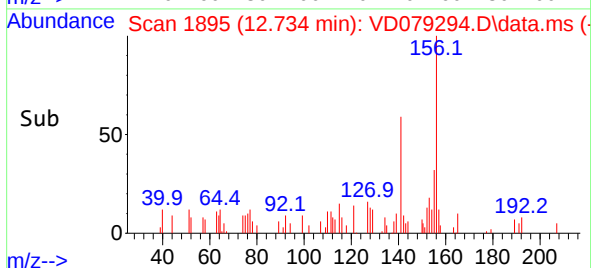
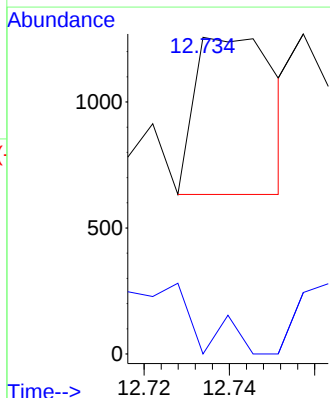
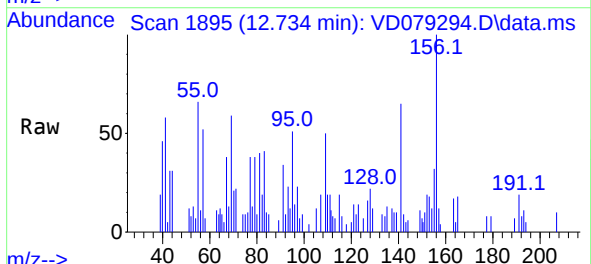
Instrument :
MSVOA_D
ClientSampleId :

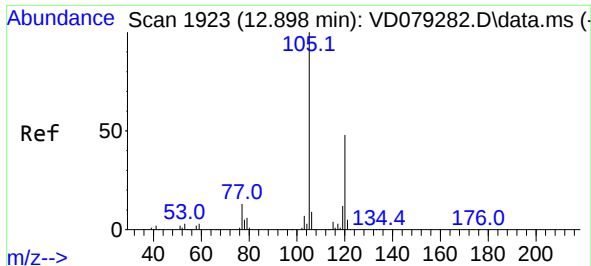
Tgt Ion: 91 Resp: 814
Ion Ratio Lower Upper
91 100
120 28.0 12.3 36.8



#79
2-Chlorotoluene
Concen: 55.633 ug/l
RT: 12.734 min Scan# 1895
Delta R.T. -0.112 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion: 91 Resp: 814
Ion Ratio Lower Upper
91 100
126 54.2 19.3 57.8

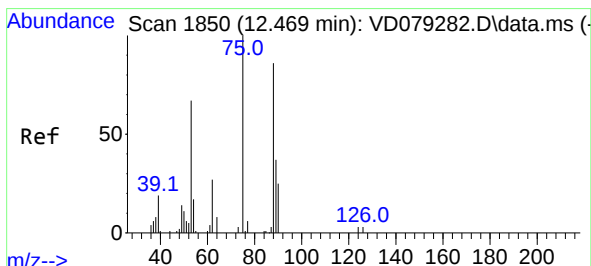
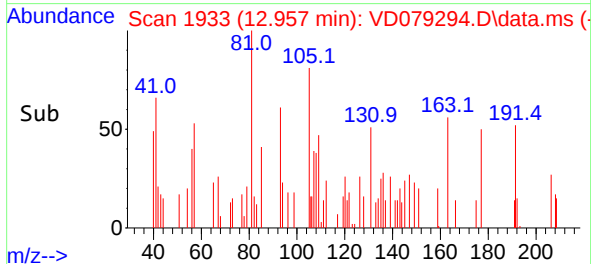
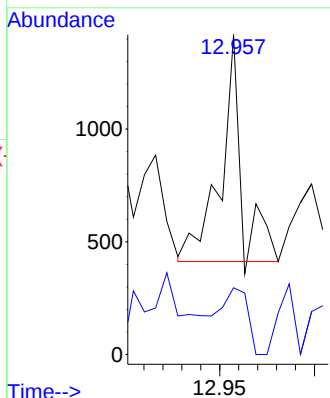
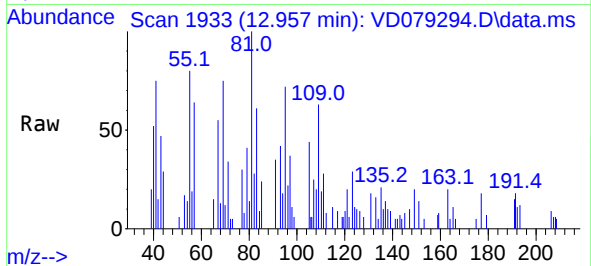




#80
1,3,5-Trimethylbenzene
Concen: 44.603 ug/l
RT: 12.957 min Scan# 1923
Delta R.T. 0.059 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

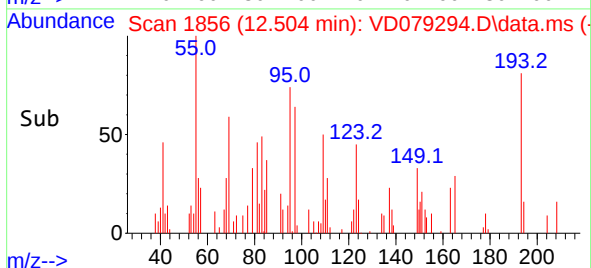
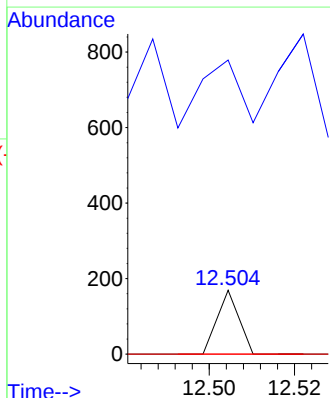
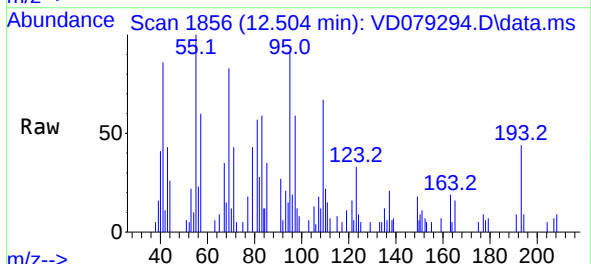
Instrument :
MSVOA_D
ClientSampleId :

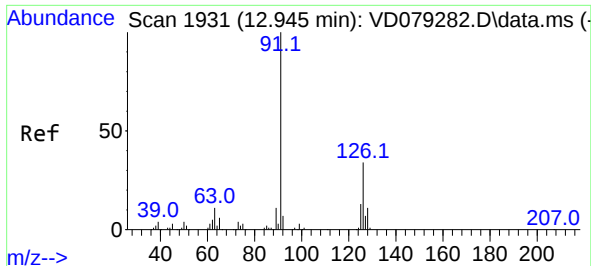
Tgt Ion:105 Resp: 772
Ion Ratio Lower Upper
105 100
120 35.5 25.7 77.1



#81
trans-1,4-Dichloro-2-butene
Concen: 40.456 ug/l
RT: 12.504 min Scan# 1856
Delta R.T. 0.035 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

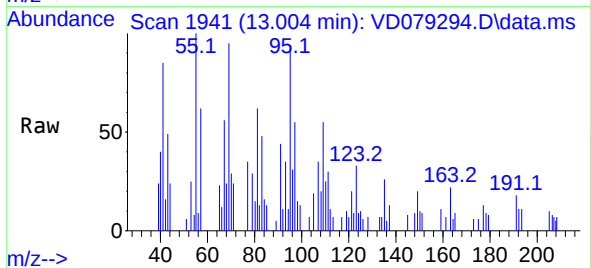
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
53 146.7 61.4 92.2#
89 0.0 35.4 53.0#



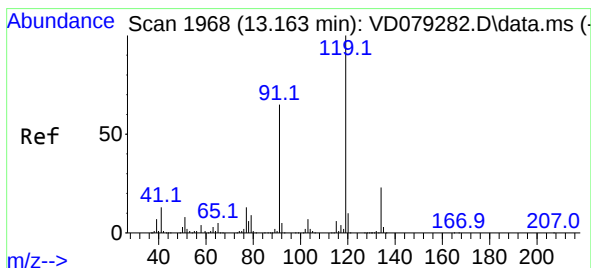
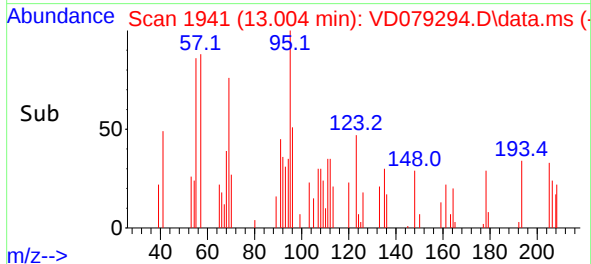
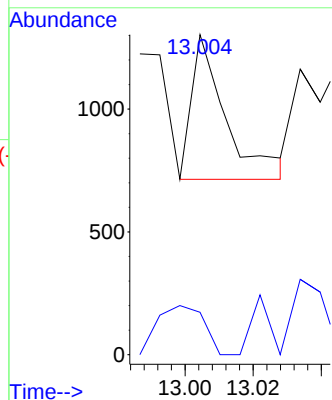


#82
4-Chlorotoluene
Concen: 26.996 ug/l
RT: 13.004 min Scan# 1941
Delta R.T. 0.059 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

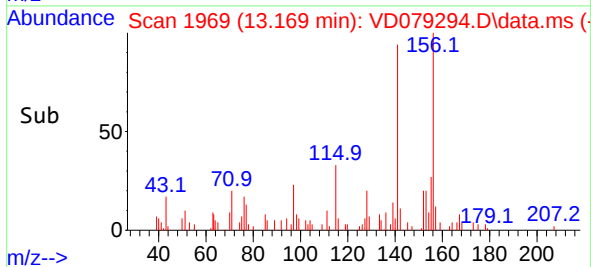
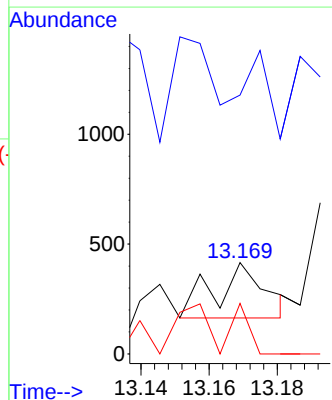
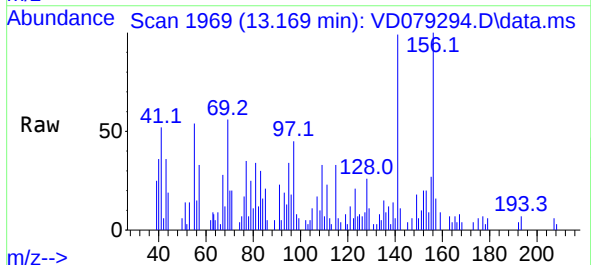


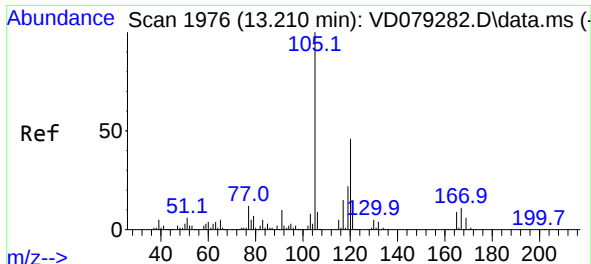
Tgt Ion: 91 Resp: 415
Ion Ratio Lower Upper
91 100
126 45.5 18.9 56.9



#83
tert-Butylbenzene
Concen: 18.473 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion: 119 Resp: 259
Ion Ratio Lower Upper
119 100
91 0.0 28.2 84.7#
134 108.9 13.4 40.1#

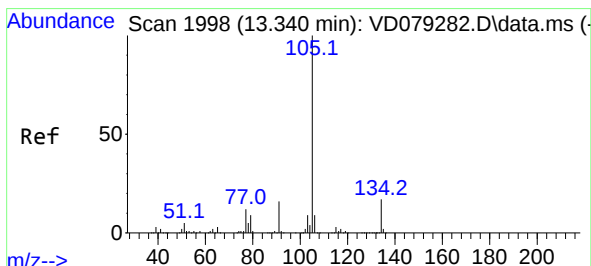
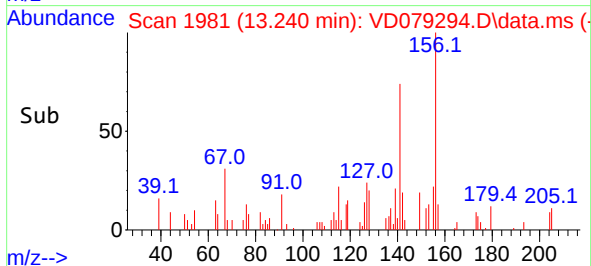
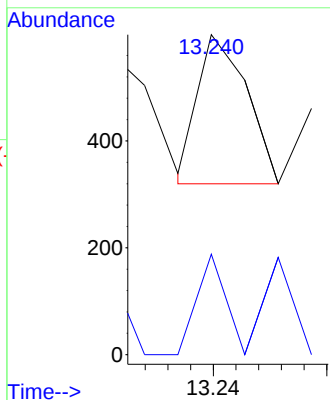
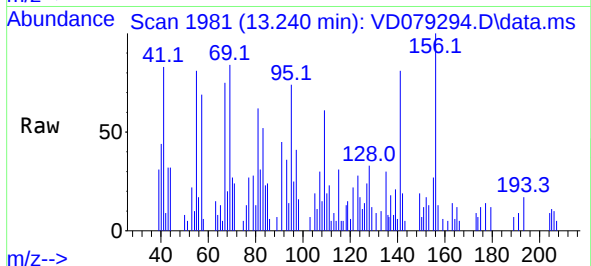




#84
1,2,4-Trimethylbenzene
Concen: 9.640 ug/l
RT: 13.240 min Scan# 1976
Delta R.T. 0.029 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

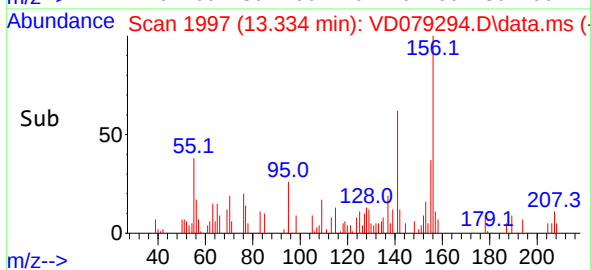
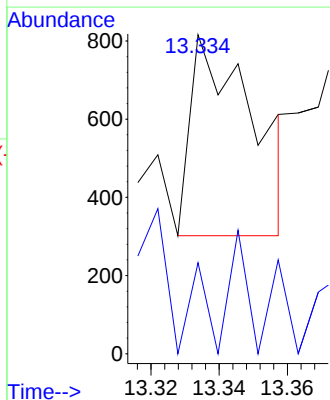
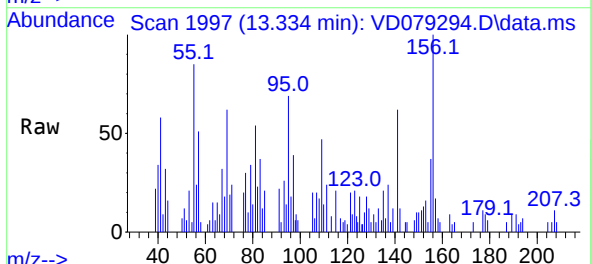
Instrument :
MSVOA_D
ClientSampleId :

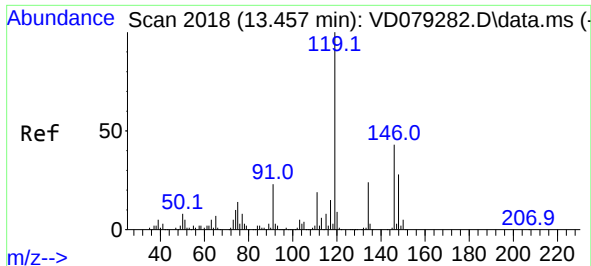
Tgt Ion:105 Resp: 167
Ion Ratio Lower Upper
105 100
120 39.5 23.6 71.0



#85
sec-Butylbenzene
Concen: 29.316 ug/l
RT: 13.334 min Scan# 1997
Delta R.T. -0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion:105 Resp: 654
Ion Ratio Lower Upper
105 100
134 30.0 10.3 30.8

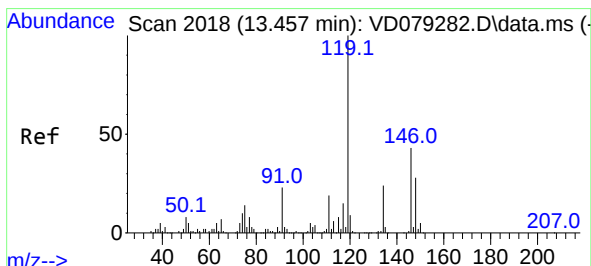
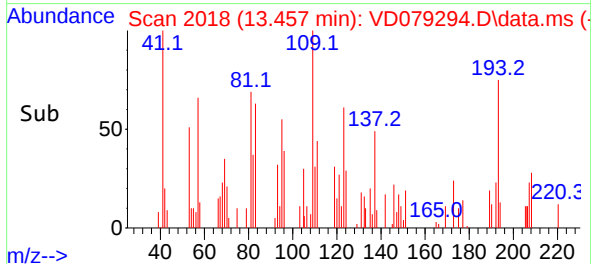
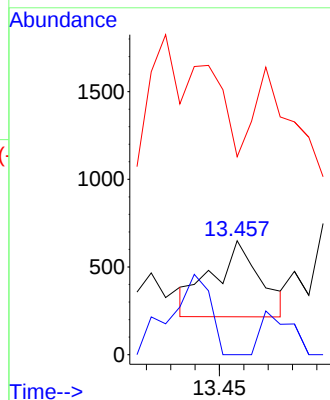
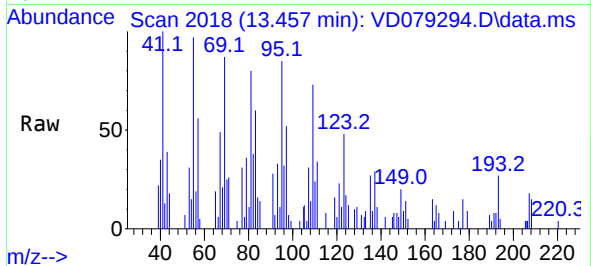




#86
p-Isopropyltoluene
Concen: 32.096 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

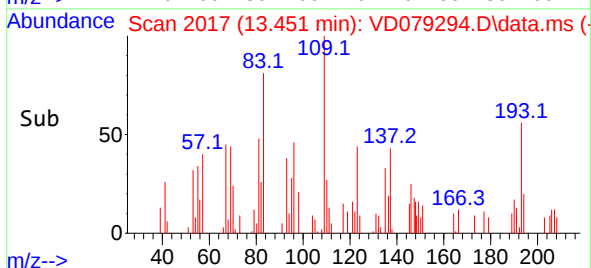
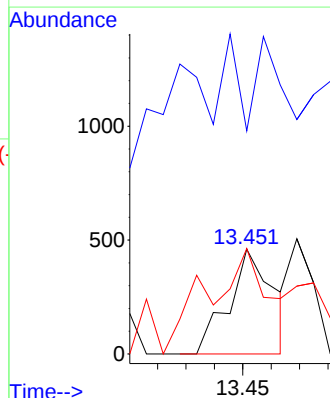
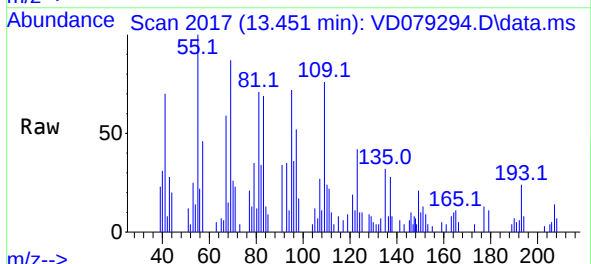
Instrument :
MSVOA_D
ClientSampleId :

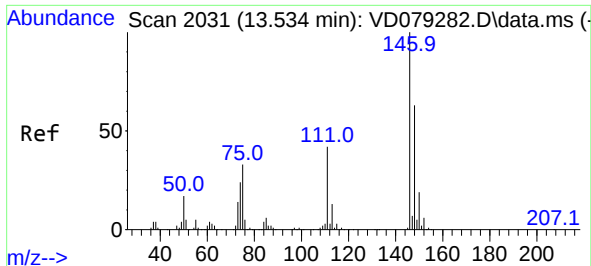
Tgt Ion:119 Resp: 591
Ion Ratio Lower Upper
119 100
134 35.7 13.7 41.1
91 148.2 10.7 32.1#



#87
1,3-Dichlorobenzene
Concen: 50.928 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

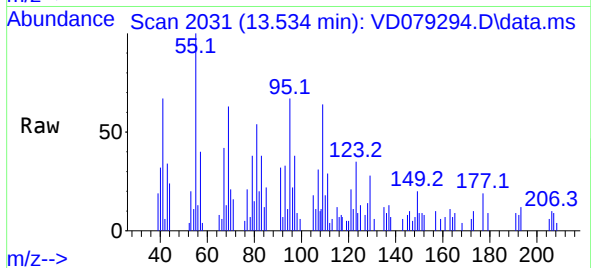
Tgt Ion:146 Resp: 498
Ion Ratio Lower Upper
146 100
111 0.0 18.5 55.5#
148 155.6 30.9 92.8#



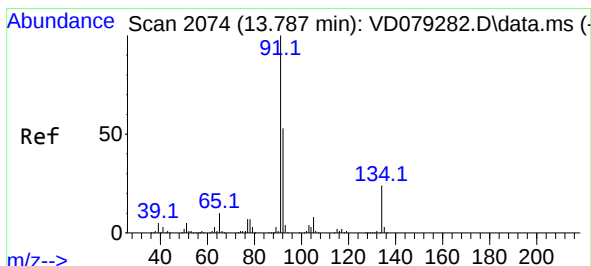
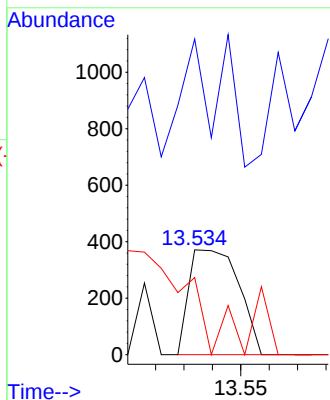
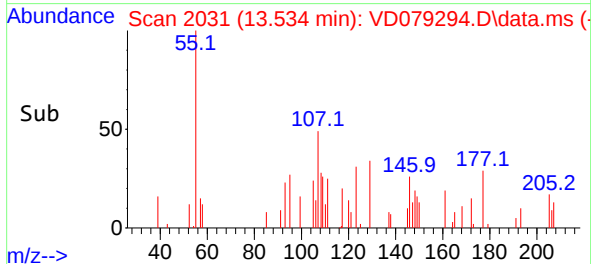


#88
1,4-Dichlorobenzene
Concen: 46.612 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

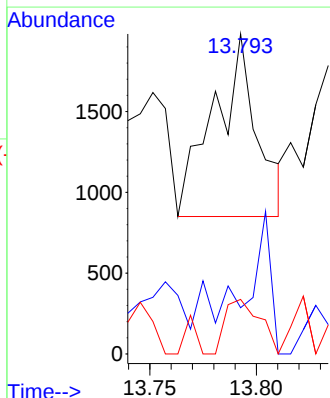
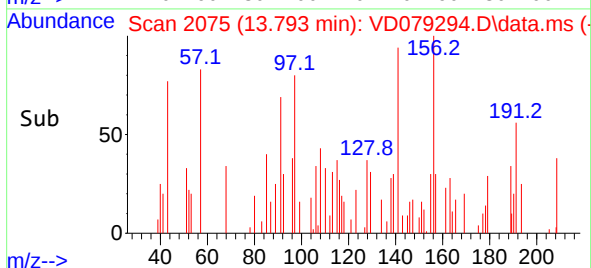
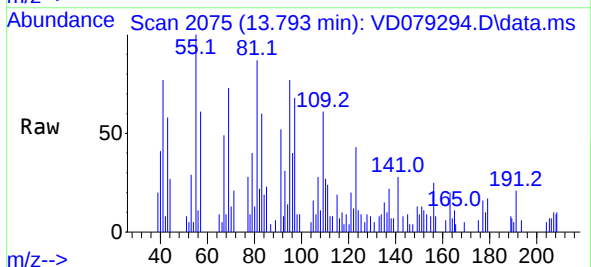


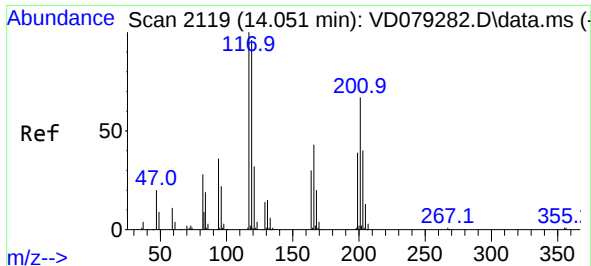
Tgt Ion:146 Resp: 453
Ion Ratio Lower Upper
146 100
111 97.1 17.5 52.6#
148 0.0 31.4 94.2#



#89
n-Butylbenzene
Concen: 88.054 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.012 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion: 91 Resp: 1591
Ion Ratio Lower Upper
91 100
92 27.3 25.7 77.0
134 24.1 13.6 40.8

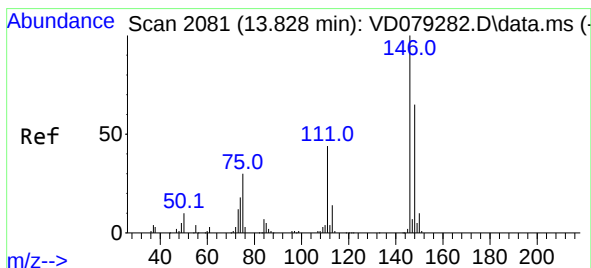
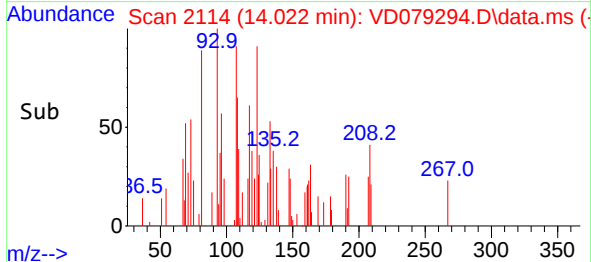
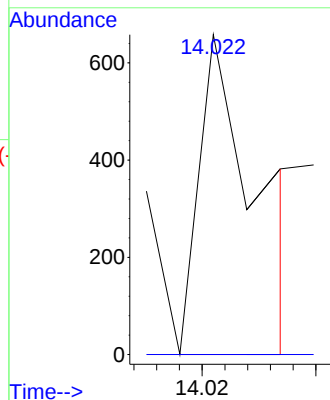
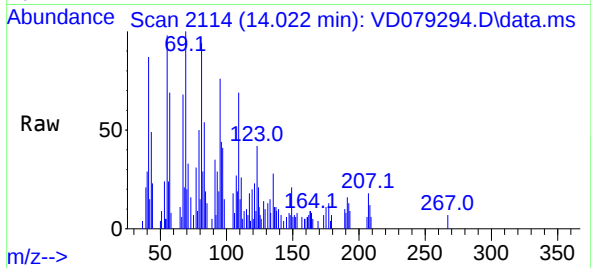




#90
Hexachloroethane
Concen: 116.541 ug/l
RT: 14.022 min Scan# 2119
Delta R.T. -0.029 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

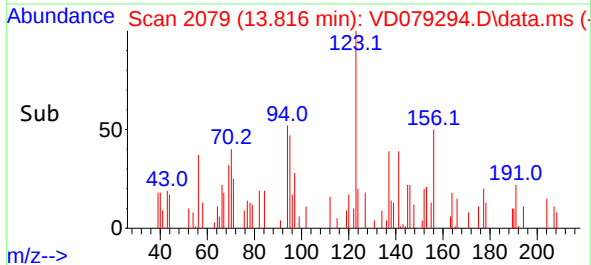
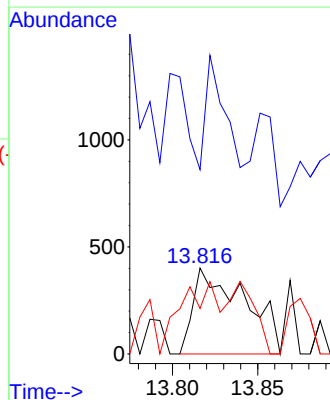
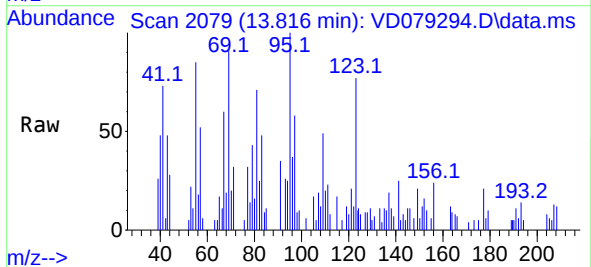
Instrument :
MSVOA_D
ClientSampleId :

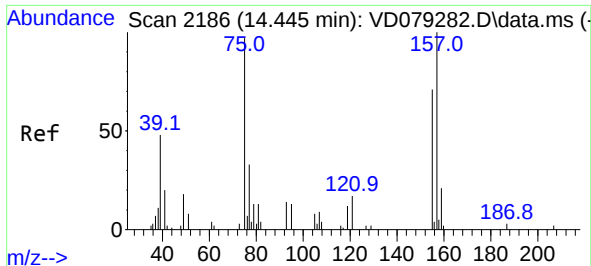
Tgt Ion:117 Resp: 472
Ion Ratio Lower Upper
117 100
201 0.0 36.3 108.9#



#91
1,2-Dichlorobenzene
Concen: 99.938 ug/l
RT: 13.816 min Scan# 2079
Delta R.T. -0.012 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion:146 Resp: 841
Ion Ratio Lower Upper
146 100
111 45.2 19.1 57.1
148 38.2 31.1 93.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 100.987 ug/l

RT: 14.440 min Scan# 2186

Delta R.T. -0.006 min

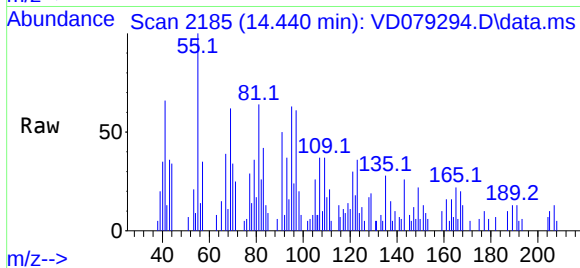
Lab File: VD079294.D

Acq: 01 Jul 2024 14:23

Instrument :

MSVOA_D

ClientSampleId :



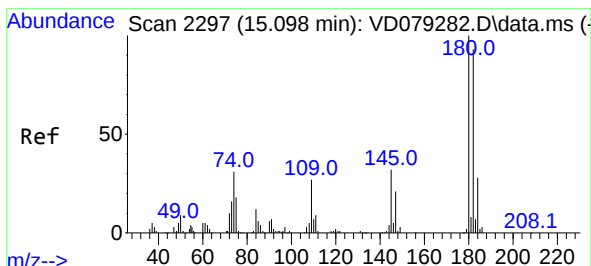
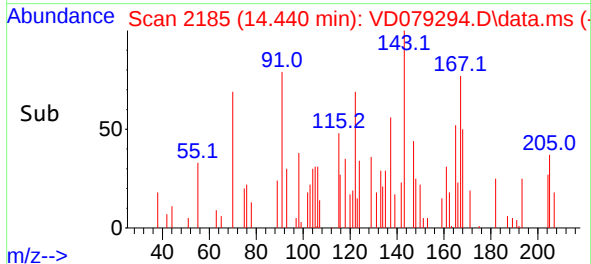
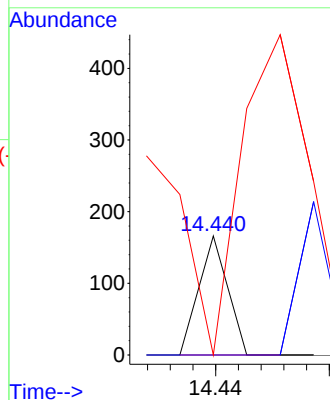
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

155 128.8 47.7 143.1

157 618.6 63.4 190.2#



#93

1,2,4-Trichlorobenzene

Concen: 113.216 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD079294.D

Acq: 01 Jul 2024 14:23

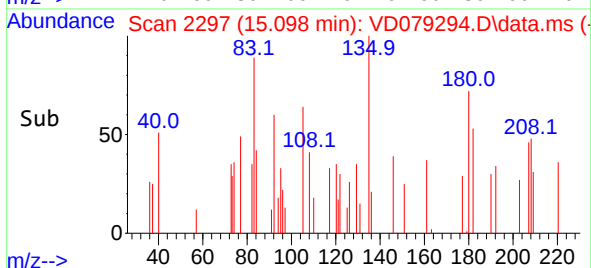
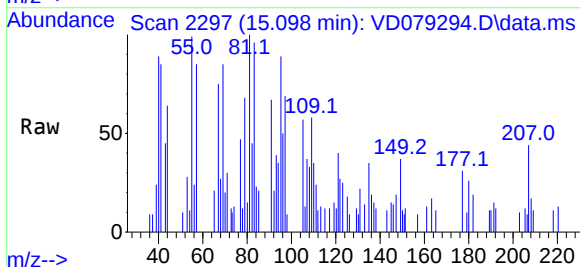
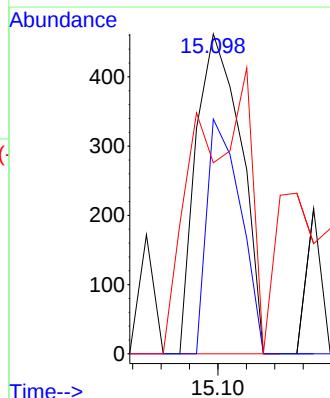
Tgt Ion:180 Resp: 508

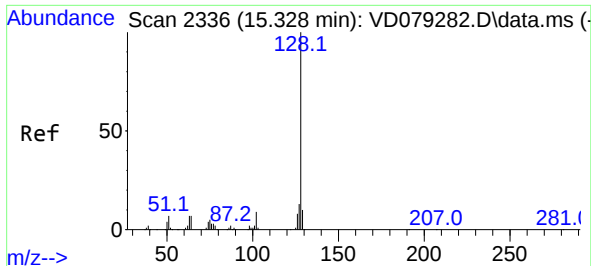
Ion Ratio Lower Upper

180 100

182 55.1 46.9 140.7

145 105.5 14.0 41.9#

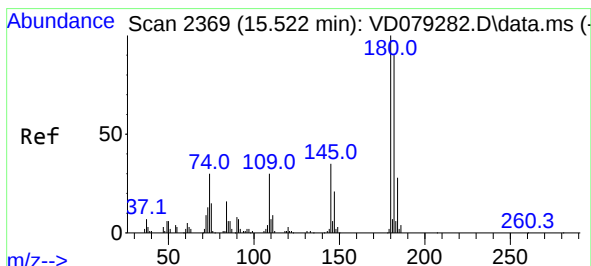
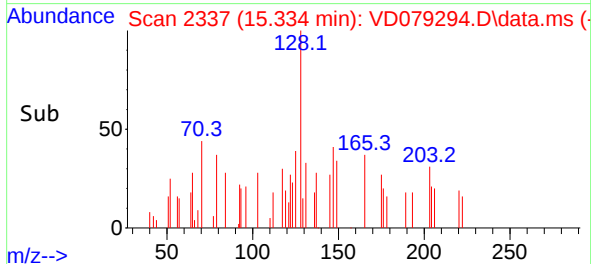
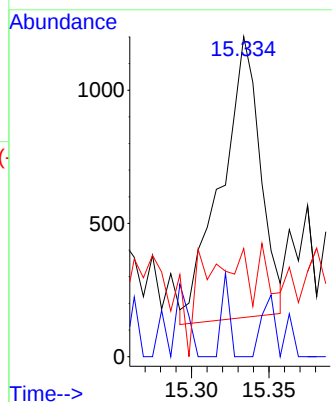
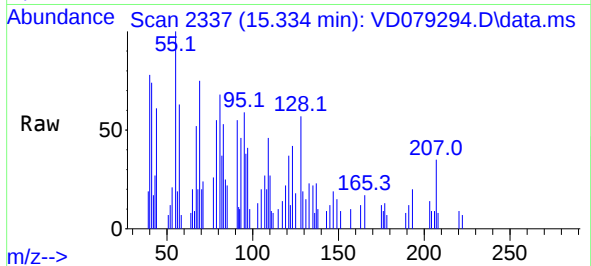




#95
Naphthalene
Concen: 212.486 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1861
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 33.8 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 34.782 ug/l
RT: 15.510 min Scan# 2367
Delta R.T. -0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Tgt Ion:180 Resp: 138
Ion Ratio Lower Upper
180 100
182 139.1 47.8 143.3
145 0.0 16.1 48.2#

