

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 :
 VIBLK

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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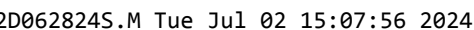
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

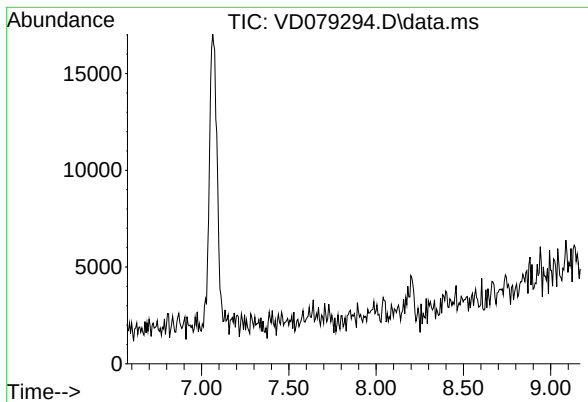
Quant Time: Jul 01 15:37:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration

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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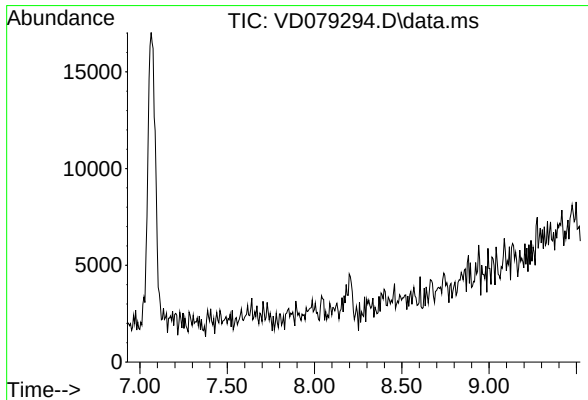
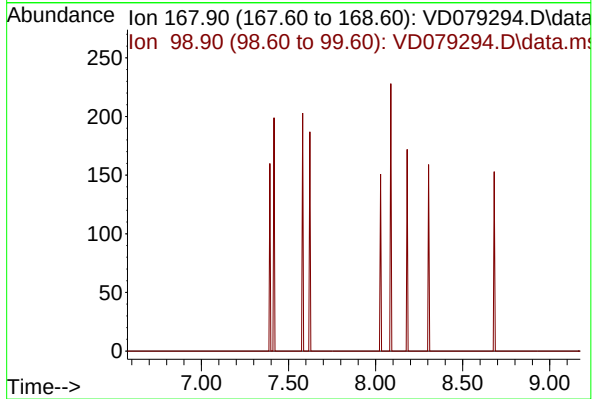


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.88 min

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Acq: 01 Jul 2024 14:23

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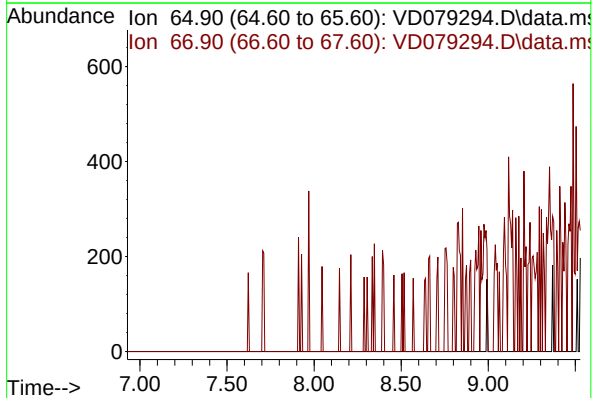
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Sig Exp Ratio
168 100
99 51.4

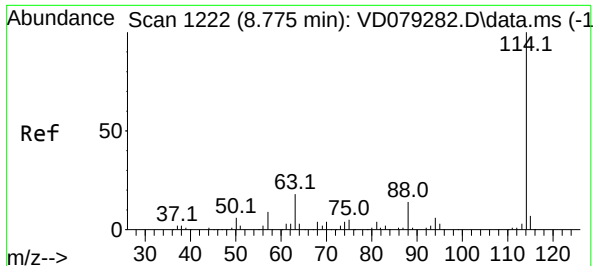


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

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 :

VIBLK

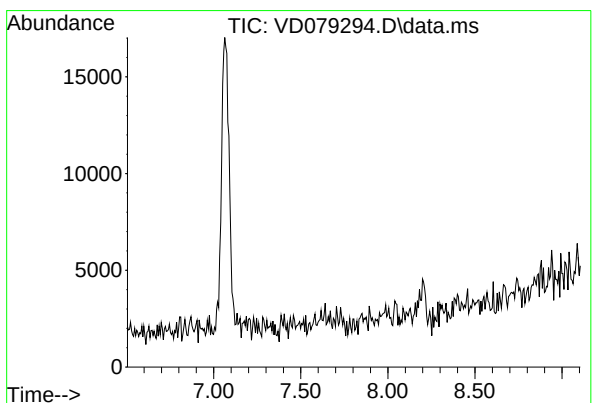
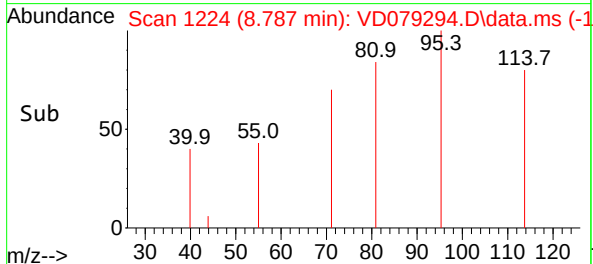
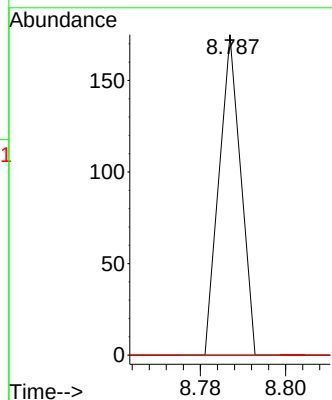
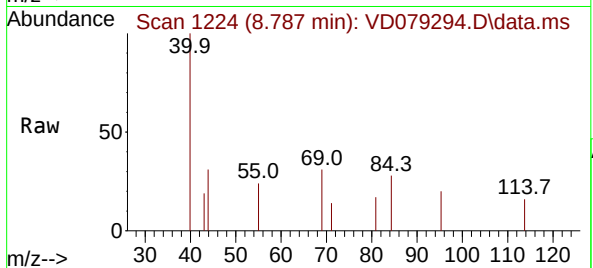
Tgt Ion:114 Resp: 62

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

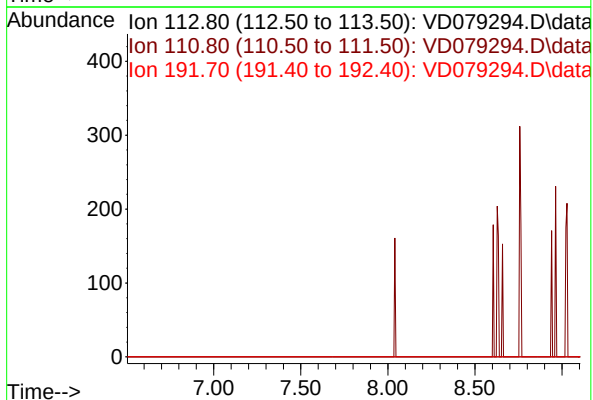
Tgt Ion: 113

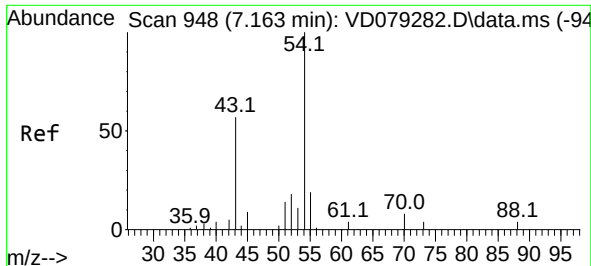
Sig Exp Ratio

113 100

111 105.0

192 19.2

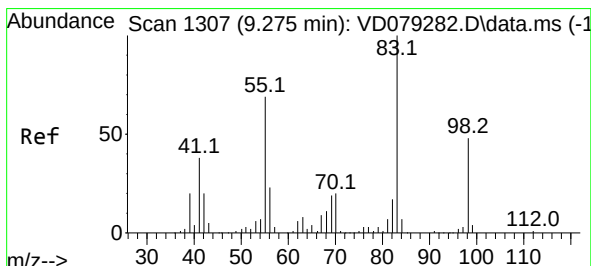
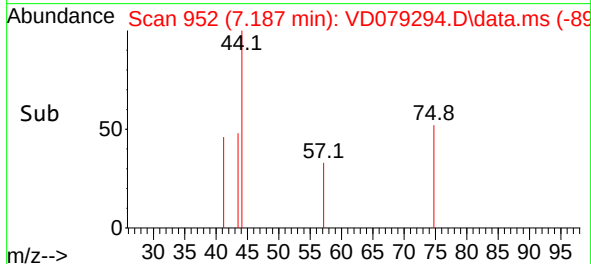
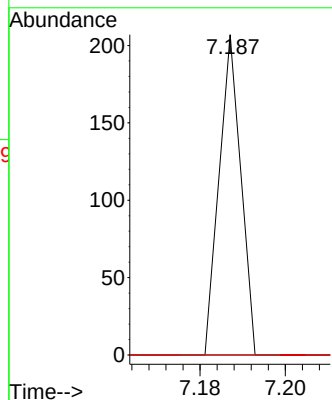
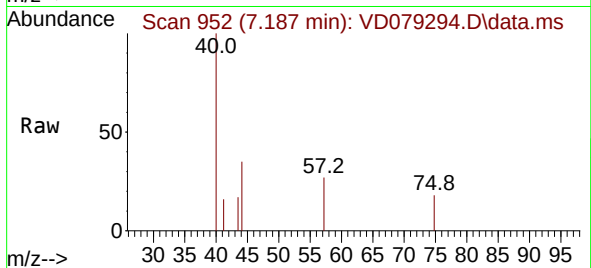




#37
Ethyl Acetate
Concen: 303.309 ug/l
RT: 7.187 min Scan# 91
Delta R.T. 0.024 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

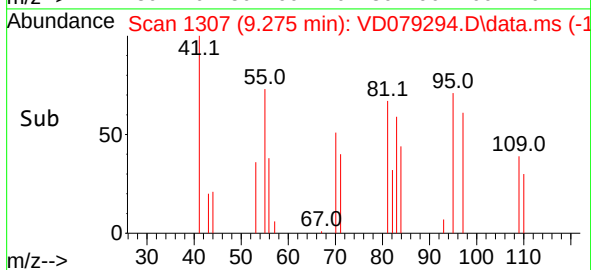
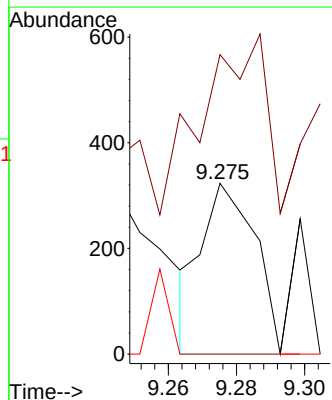
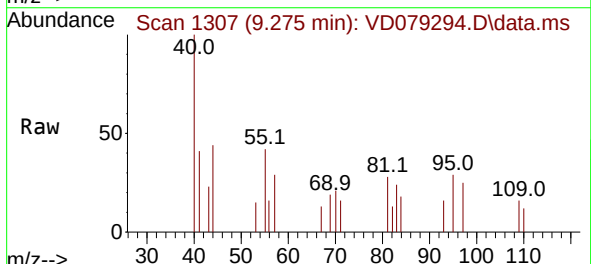
Instrument :
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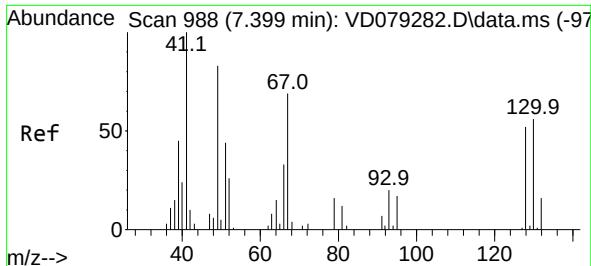
Tgt Ion:	43	Resp:	73
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.9	20.9#
70	0.0	9.8	14.6#



#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#

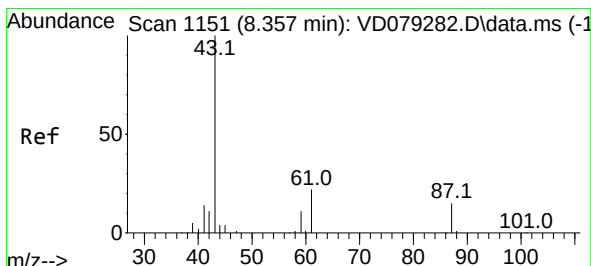
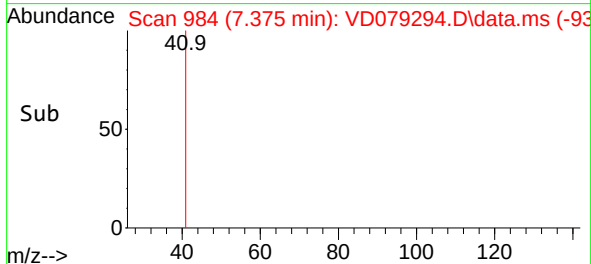
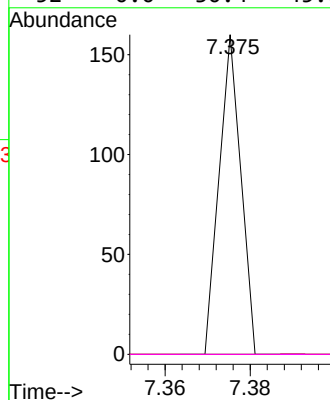
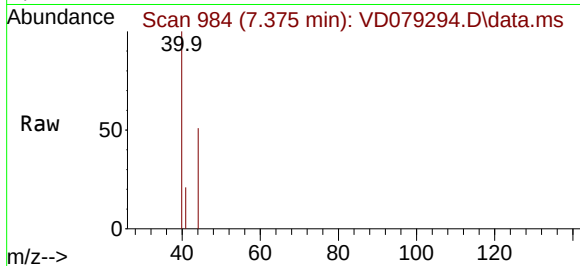




#41
Methacrylonitrile
Concen: 423.298 ug/l
RT: 7.375 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

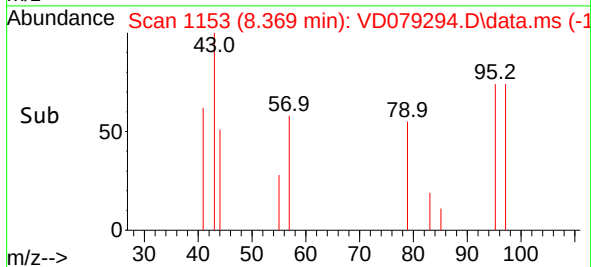
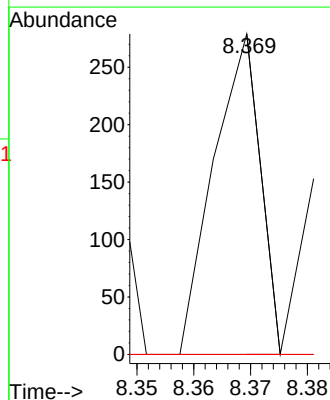
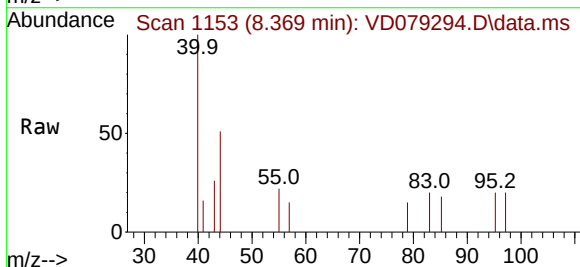
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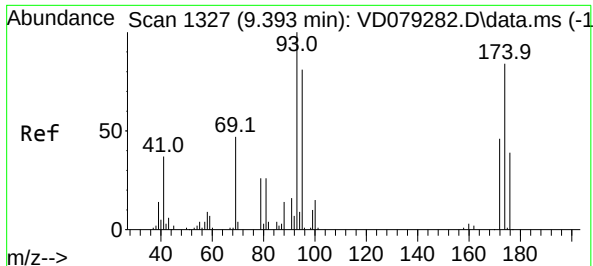
Tgt Ion: 41	Resp: 56
Ion Ratio	Lower Upper
41 100	
39 0.0	41.4 62.0#
67 0.0	85.8 128.6#
52 0.0	30.4 45.6#



#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#

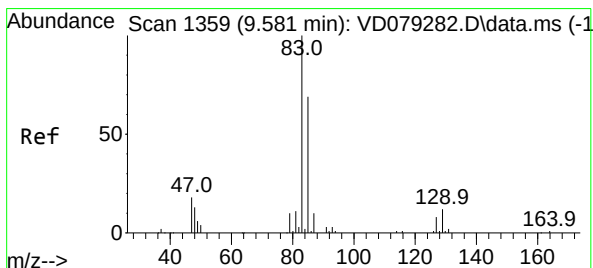
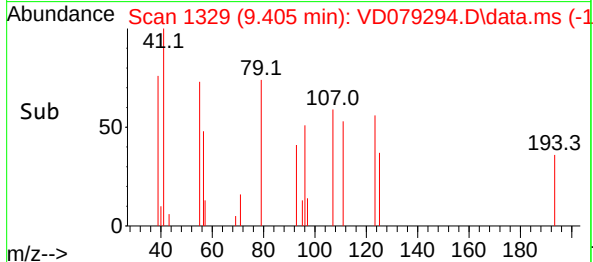
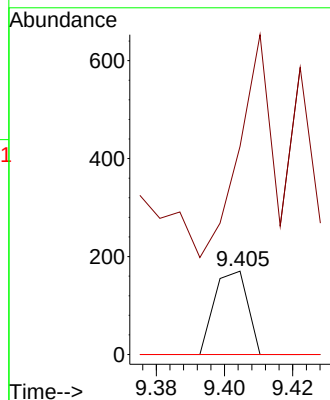
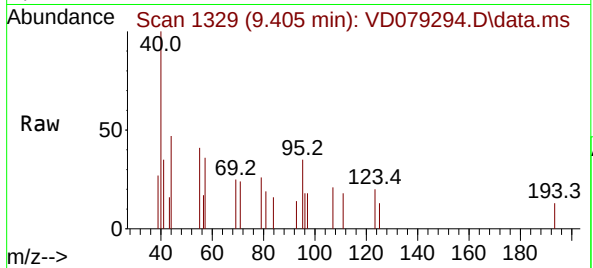




#46
Dibromomethane
Concen: 422.153 ug/l
RT: 9.405 min Scan# 1329
Delta R.T. 0.012 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

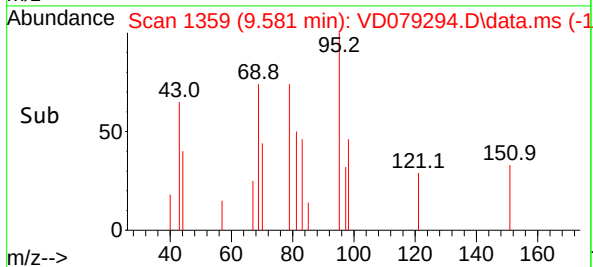
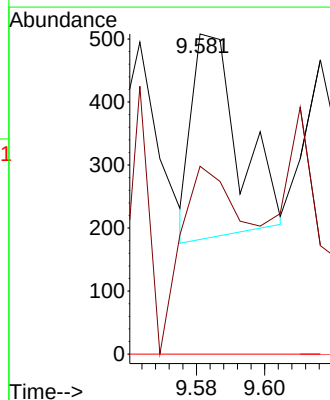
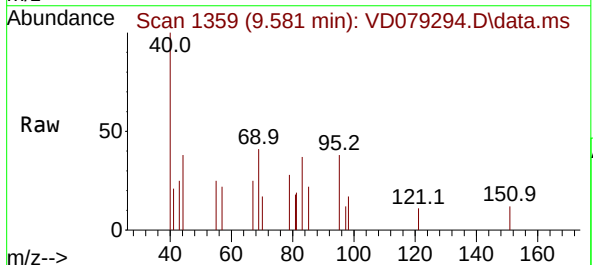
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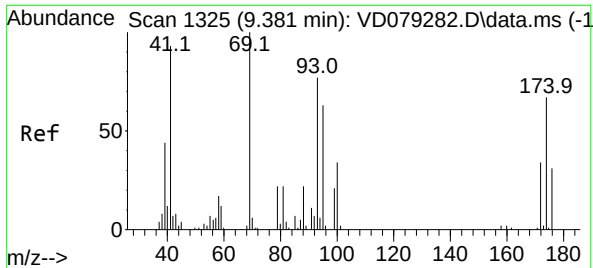
Tgt Ion: 93 Resp: 115
Ion Ratio Lower Upper
93 100
95 861.7 65.6 98.4#
174 0.0 82.3 123.5#



#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#

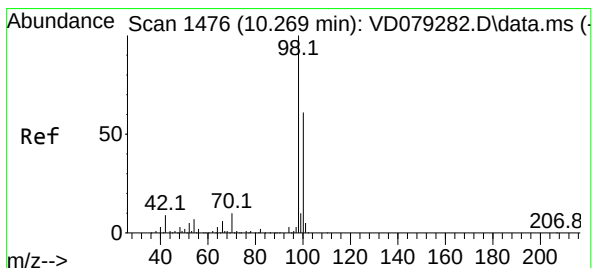
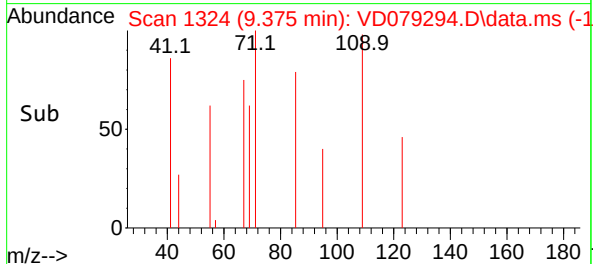
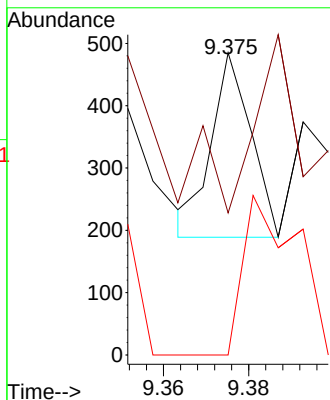
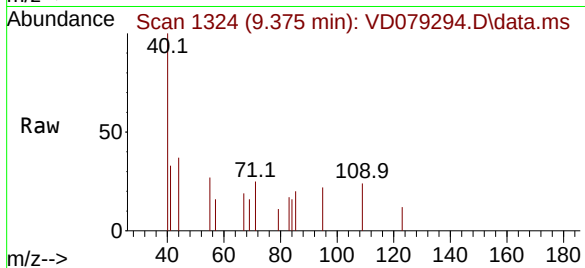




#48
Methyl methacrylate
Concen: 901.787 ug/l
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

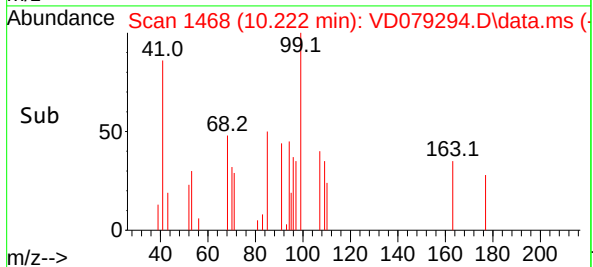
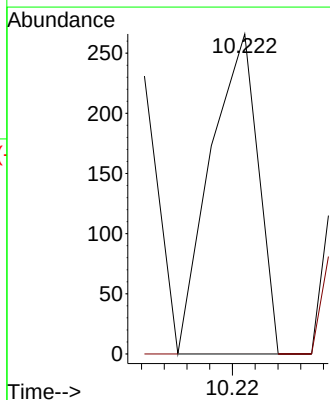
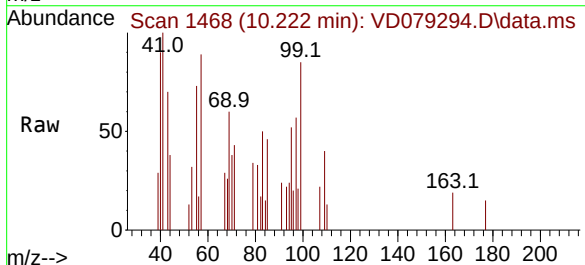
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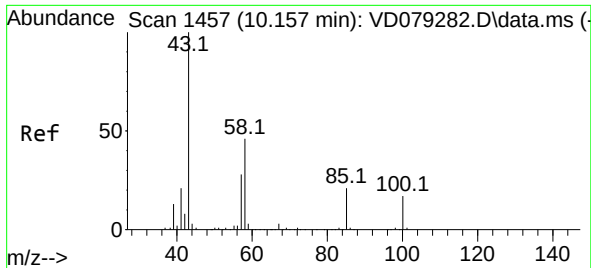
Tgt Ion: 41 Resp: 189
Ion Ratio Lower Upper
41 100
69 119.6 96.7 145.1
39 117.5 43.8 65.6#



#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

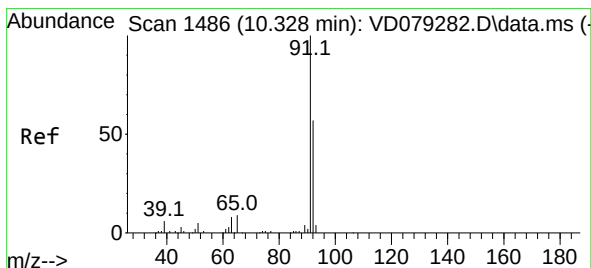
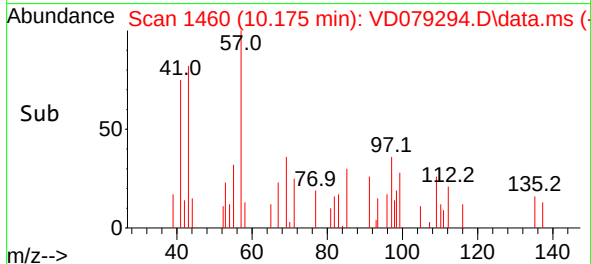
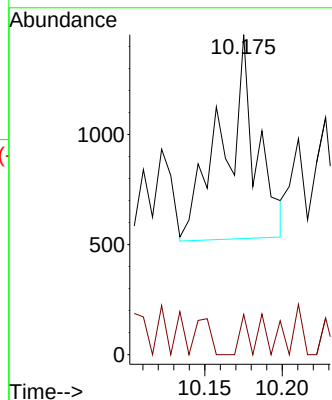
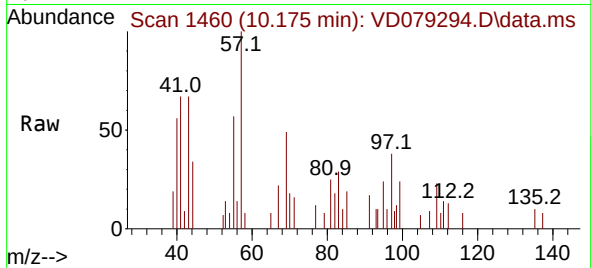




#51
4-Methyl-2-Pentanone
Concen: 5758.718 ug/l
RT: 10.175 min Scan# 1457
Delta R.T. 0.018 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

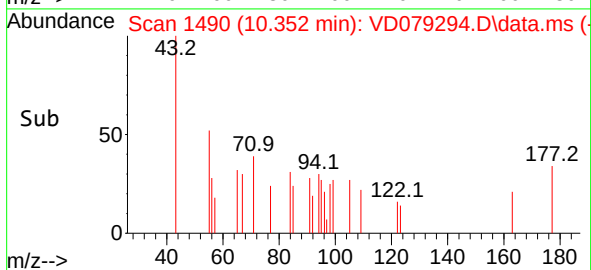
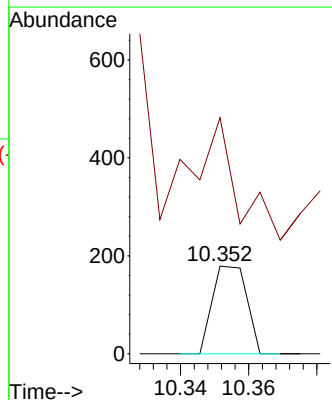
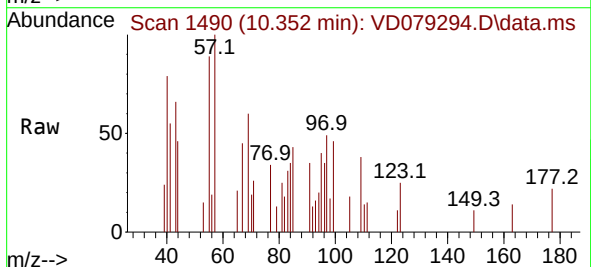
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

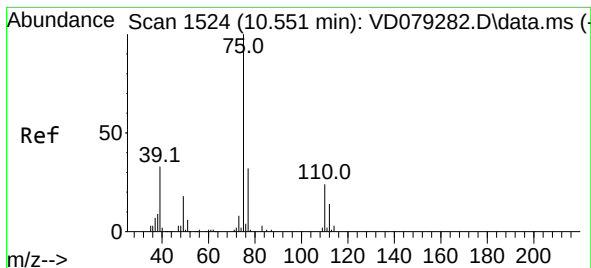
Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
58 4.6 36.6 55.0#



#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#

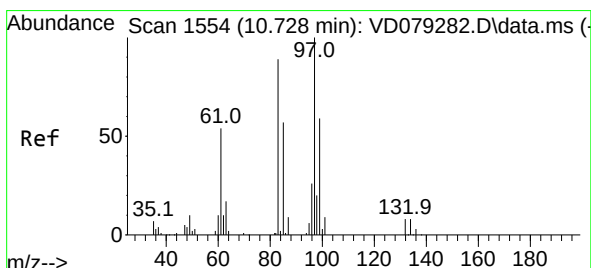
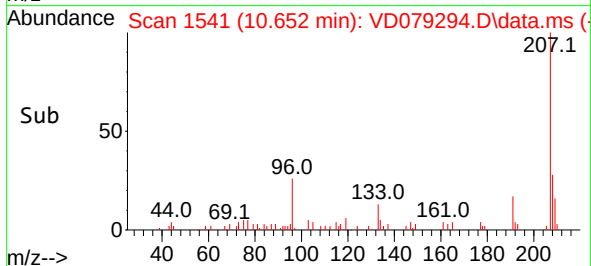
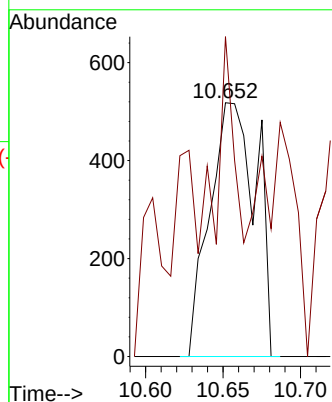
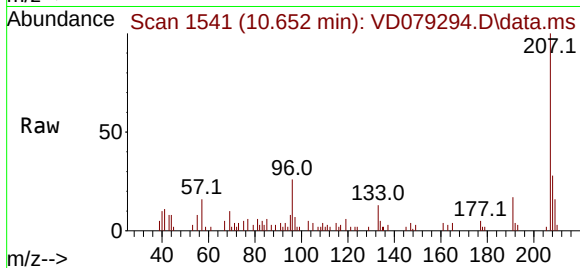




#53
t-1,3-Dichloropropene
Concen: 1795.618 ug/l
RT: 10.652 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

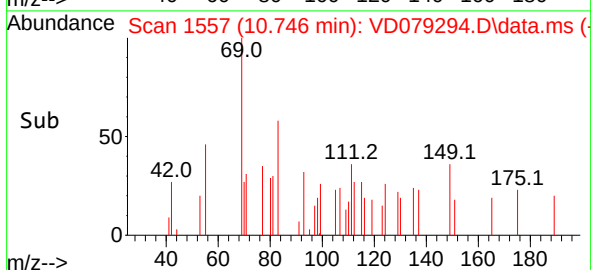
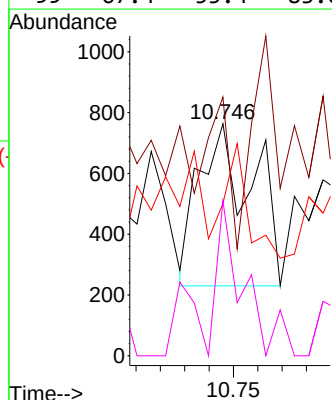
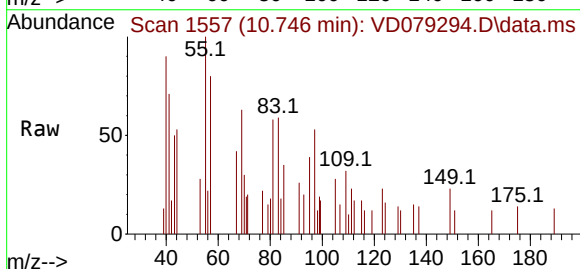
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

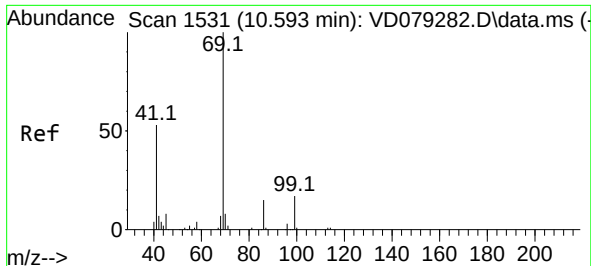
Tgt Ion: 75 Resp: 1081
Ion Ratio Lower Upper
75 100
77 46.9 25.0 37.6#



#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

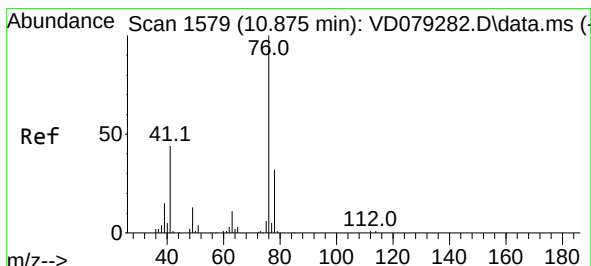
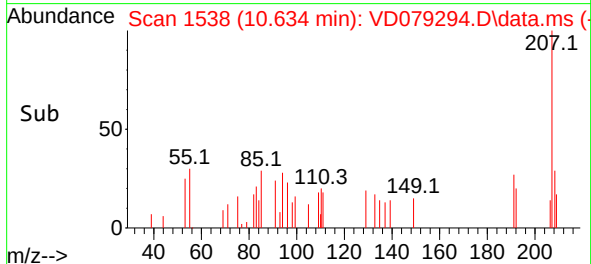
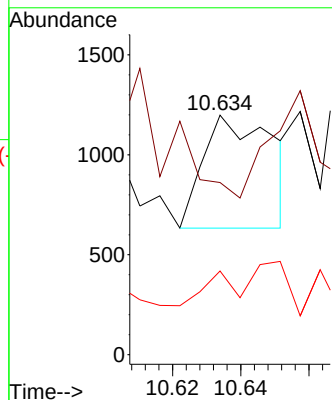
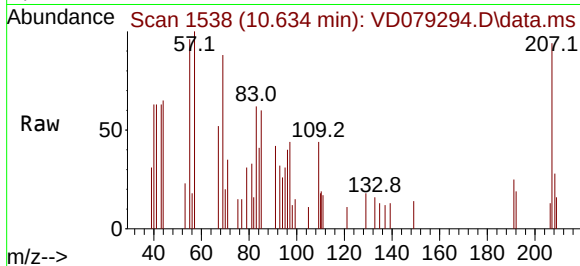




#56
Ethyl methacrylate
Concen: 1565.310 ug/l
RT: 10.634 min Scan# 11
Delta R.T. 0.041 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

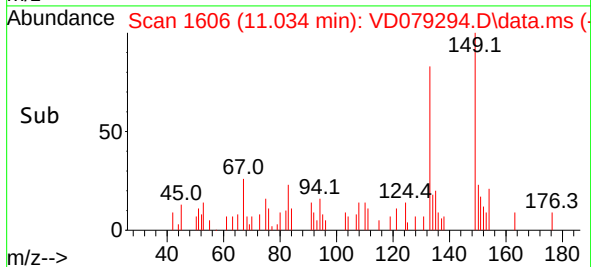
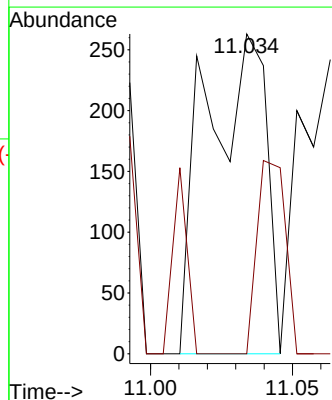
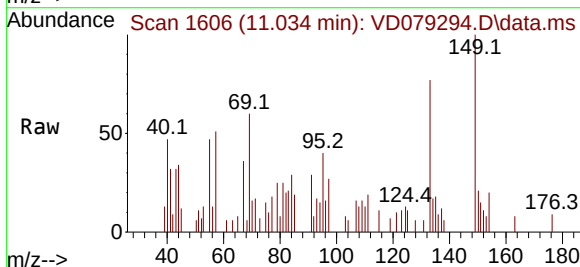
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

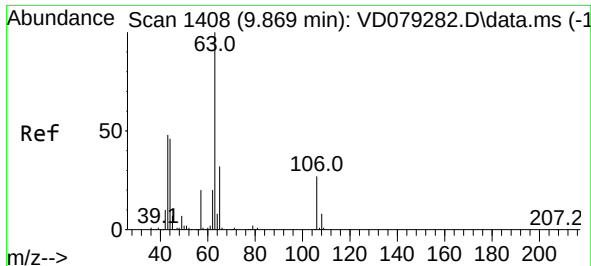
Tgt Ion: 69 Resp: 796
Ion Ratio Lower Upper
69 100
41 0.0 39.8 59.6#
39 0.0 20.2 30.4#



#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

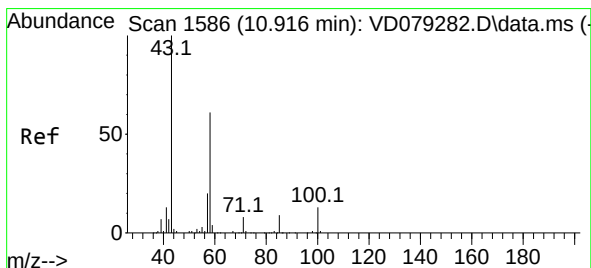
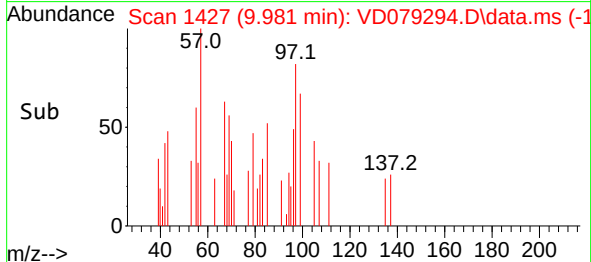
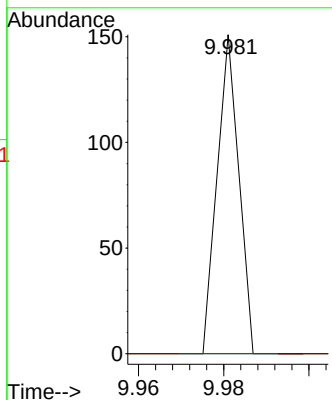
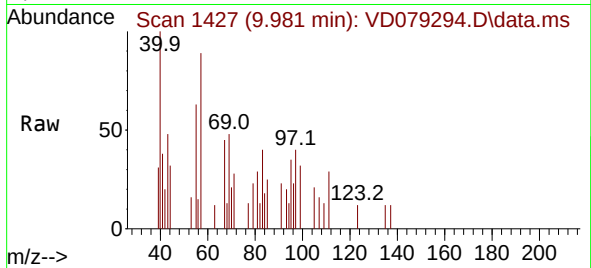




#58
2-Chloroethyl Vinyl ether
Concen: 246.767 ug/l
RT: 9.981 min Scan# 1408
Delta R.T. 0.112 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

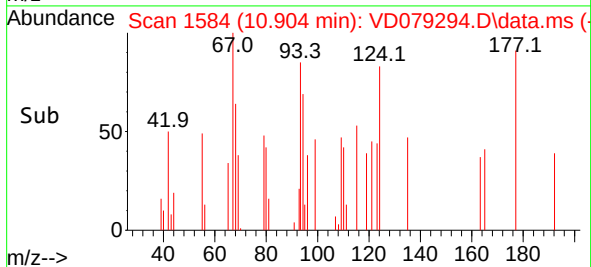
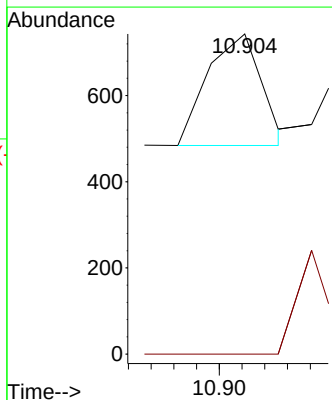
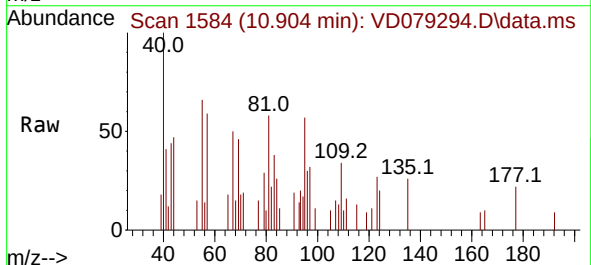
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

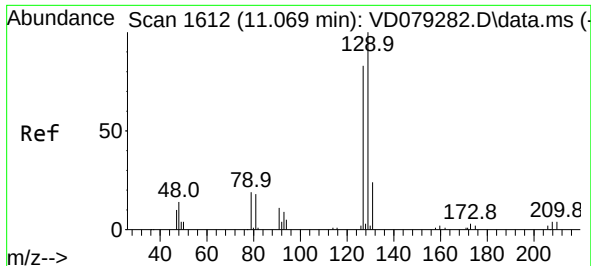
Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 26.4 39.6#



#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

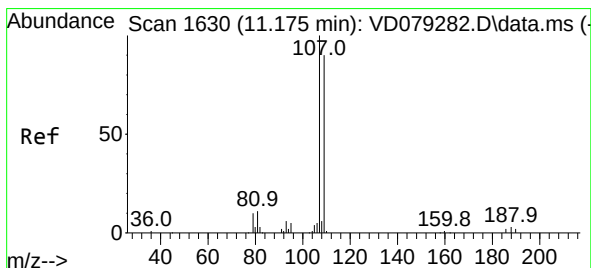
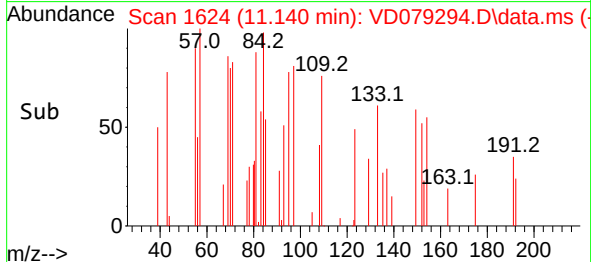
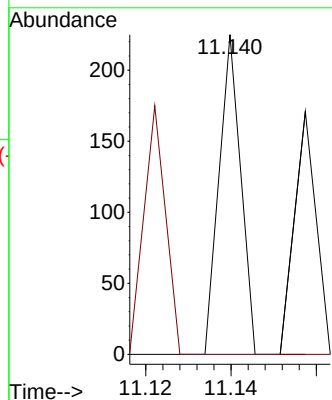
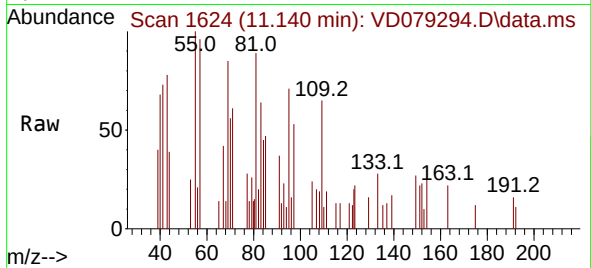




#60
Dibromochloromethane
Concen: 178.123 ug/l
RT: 11.140 min Scan# 1
Delta R.T. 0.071 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

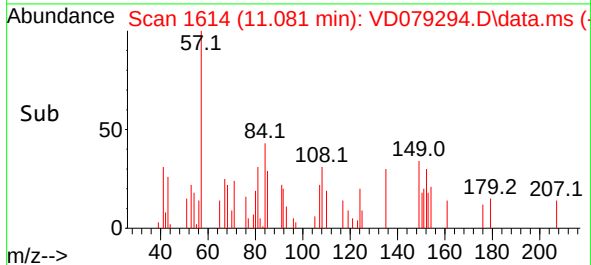
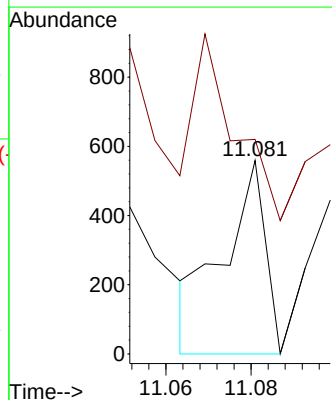
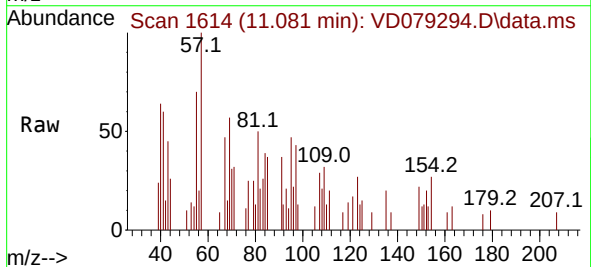
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

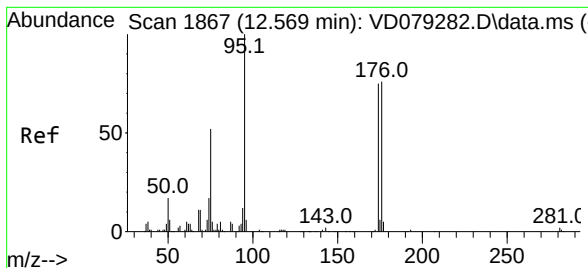
Tgt Ion:129 Resp: 79
Ion Ratio Lower Upper
129 100
127 78.5 38.0 113.9



#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

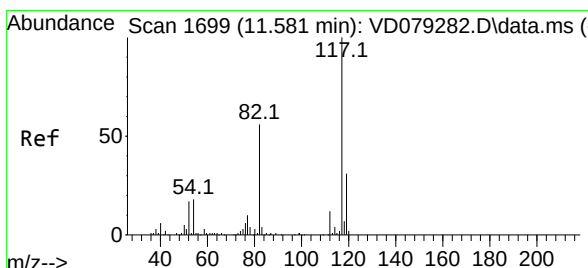
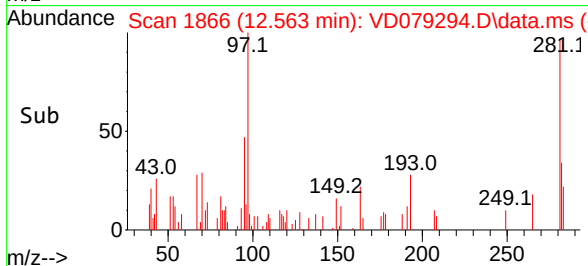
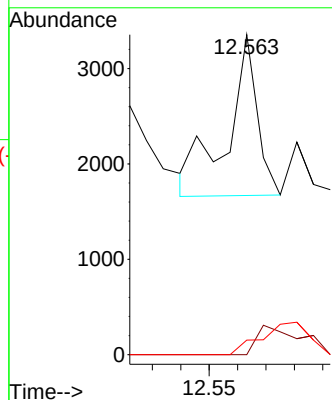
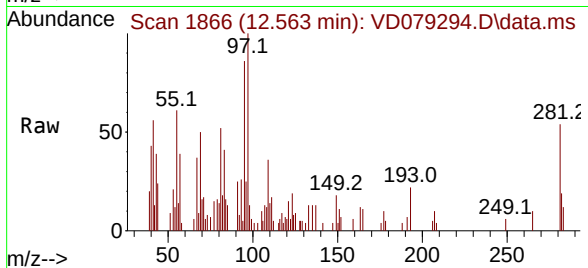




#62
4-Bromofluorobenzene
Concen: 2658.284 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

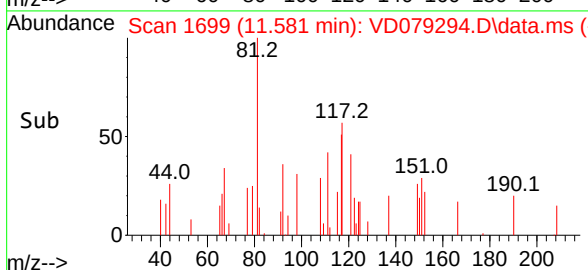
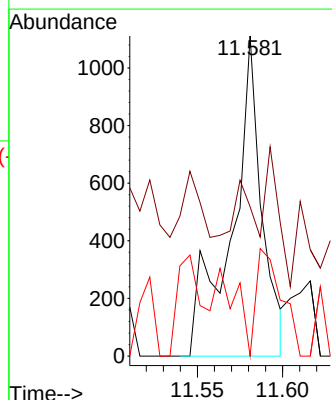
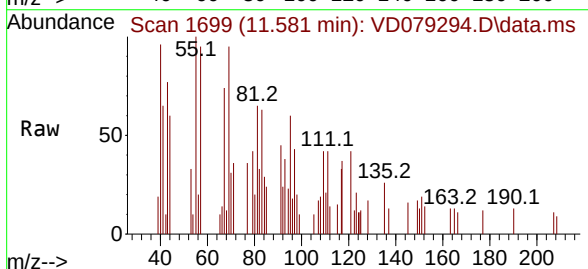
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

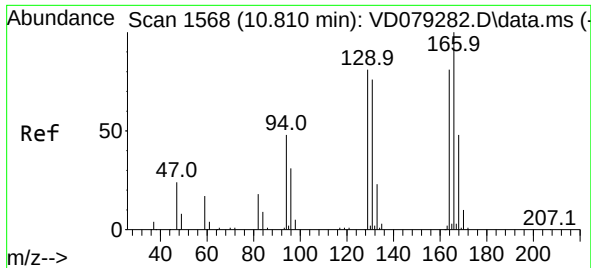
Tgt Ion: 95 Resp: 1248
Ion Ratio Lower Upper
95 100
174 26.0 0.0 195.4
176 31.7 0.0 192.6



#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#

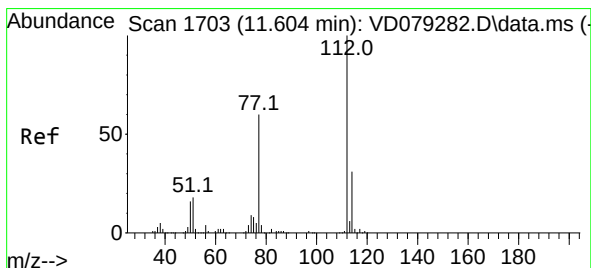
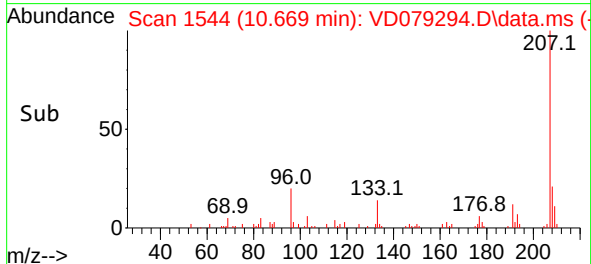
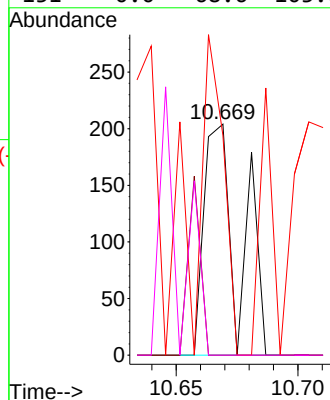
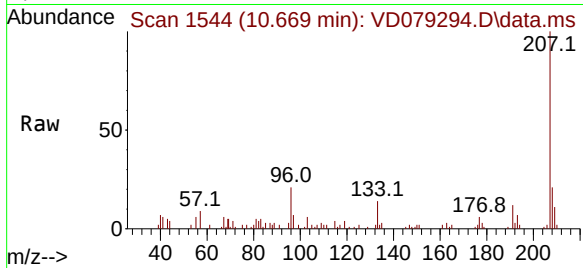




#64
Tetrachloroethene
Concen: 24.099 ug/l
RT: 10.669 min Scan# 11
Delta R.T. -0.135 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

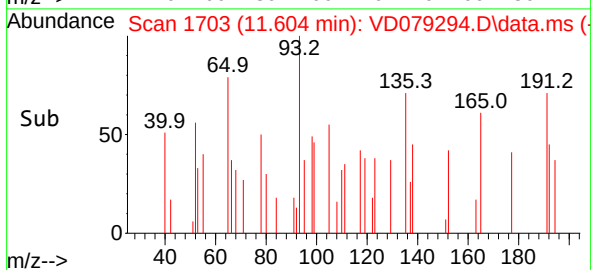
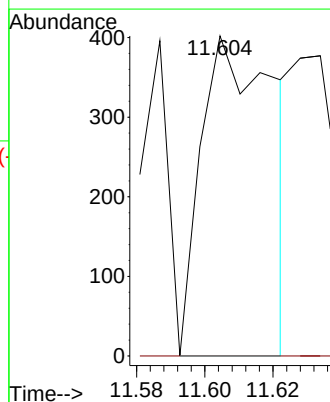
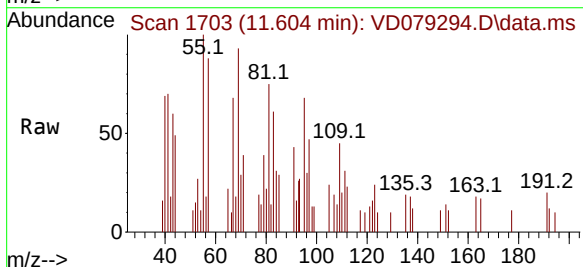
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

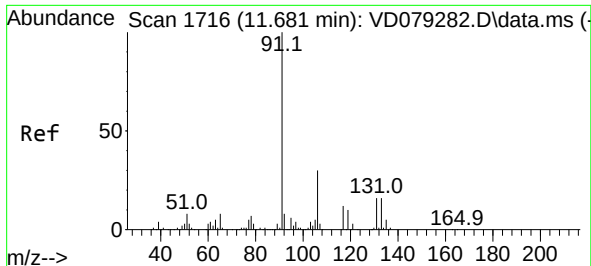
Tgt Ion:164 Resp: 203
Ion Ratio Lower Upper
164 100
166 0.0 108.6 163.0#
129 95.1 74.6 112.0
131 0.0 68.6 103.0#



#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#

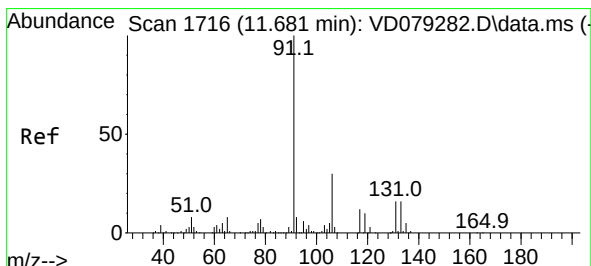
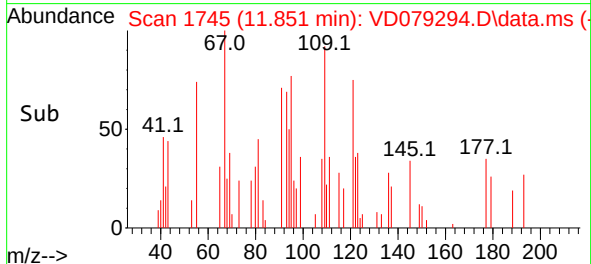
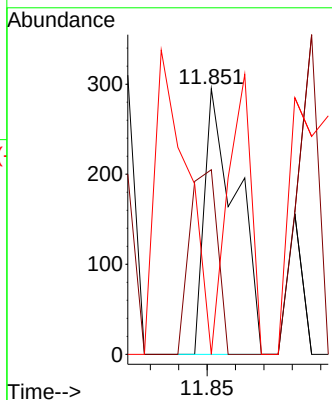
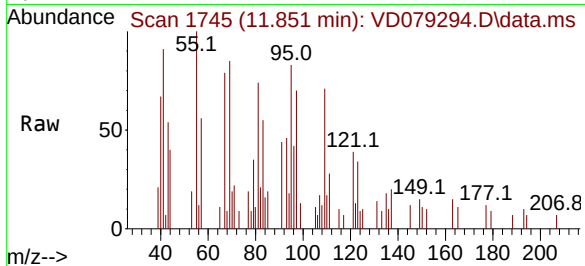




#66
1,1,1,2-Tetrachloroethane
Concen: 22.568 ug/l
RT: 11.851 min Scan# 1713
Delta R.T. 0.171 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

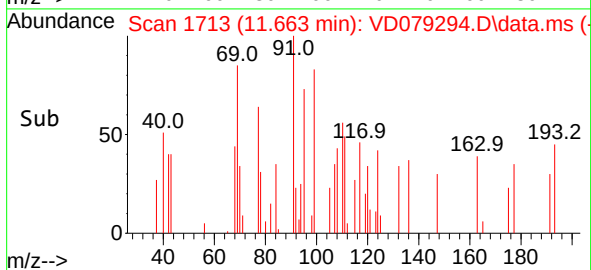
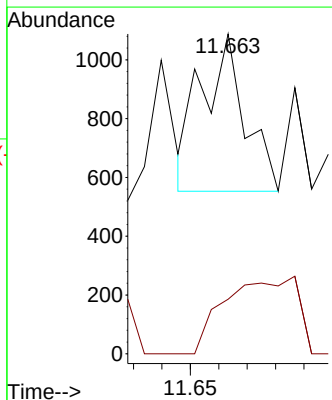
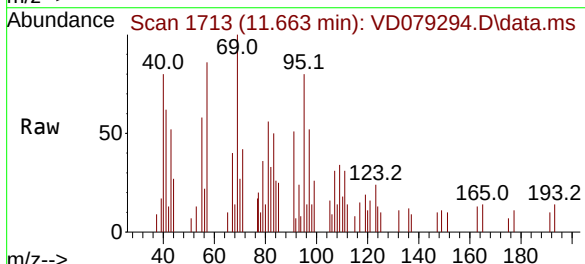
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

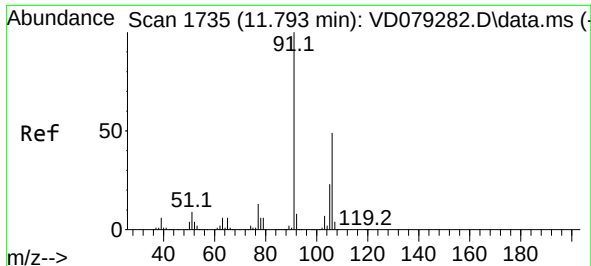
Tgt Ion:131 Resp: 231
Ion Ratio Lower Upper
131 100
133 60.6 49.2 147.6
119 77.5 33.4 100.2



#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

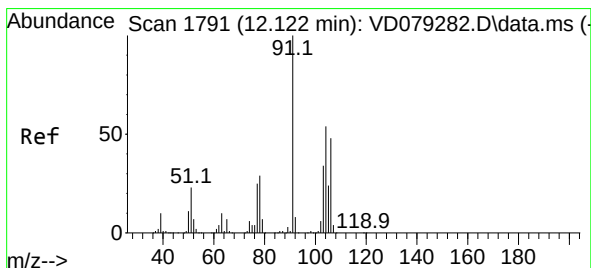
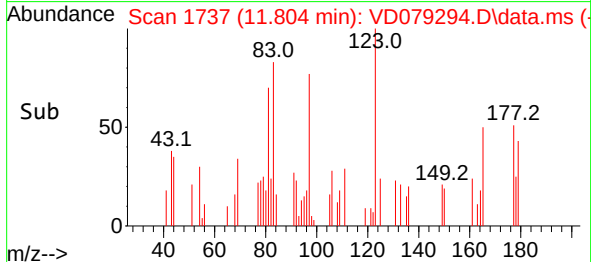
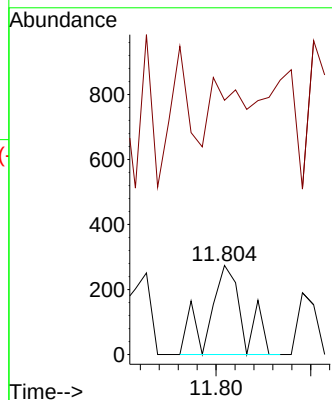
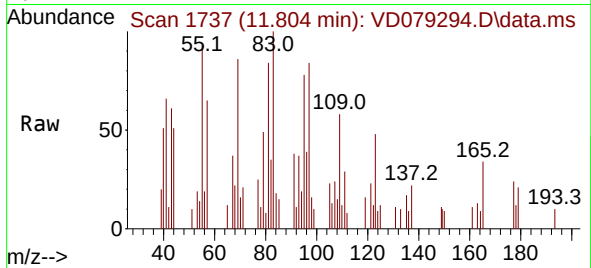




#68
m/p-Xylenes
Concen: 17.095 ug/l
RT: 11.804 min Scan# 1737
Delta R.T. 0.012 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

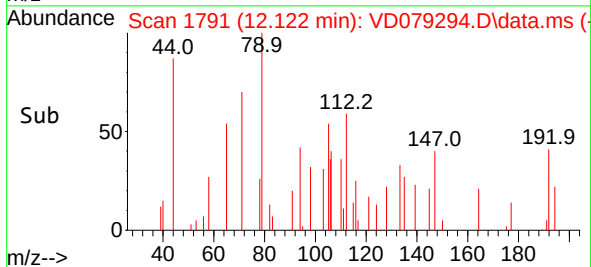
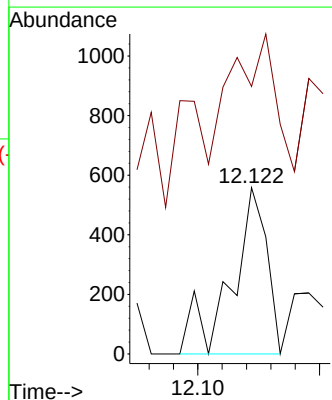
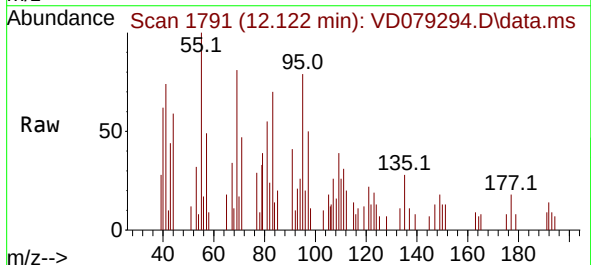
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

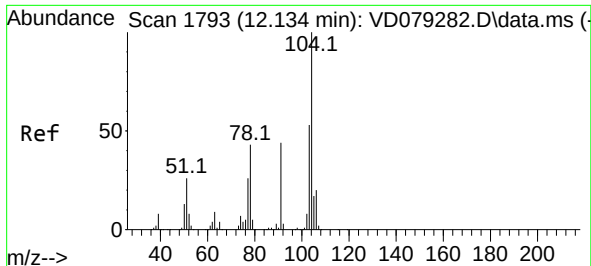
Tgt Ion:106 Resp: 346
Ion Ratio Lower Upper
106 100
91 65.9 148.5 222.7#



#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

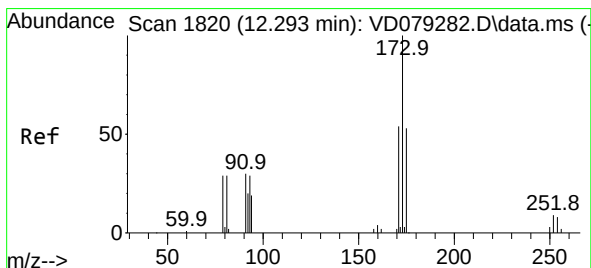
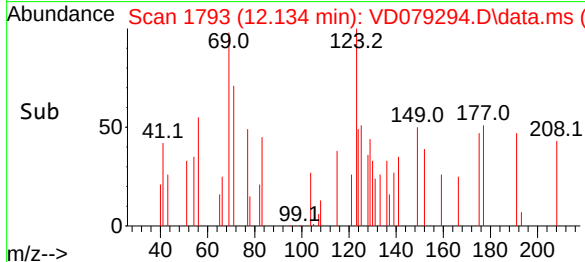
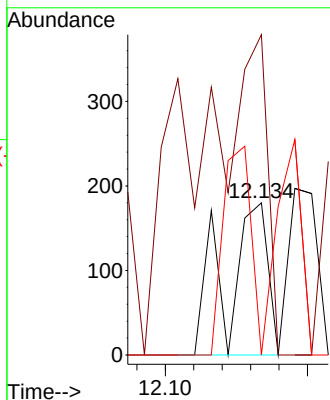
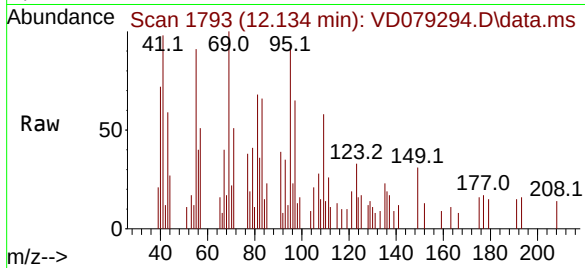




#70
Styrene
Concen: 5.582 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

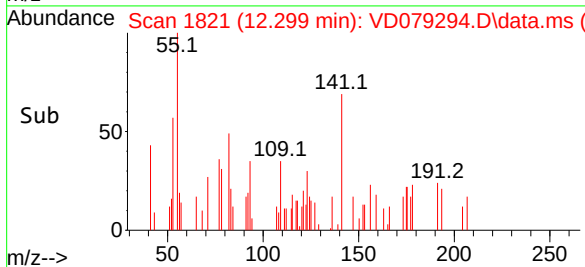
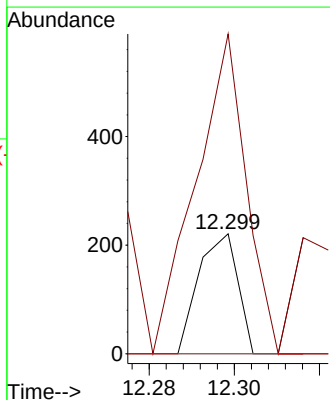
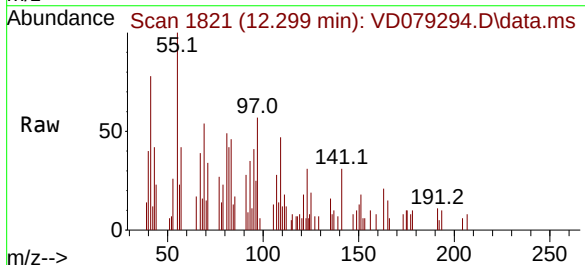
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

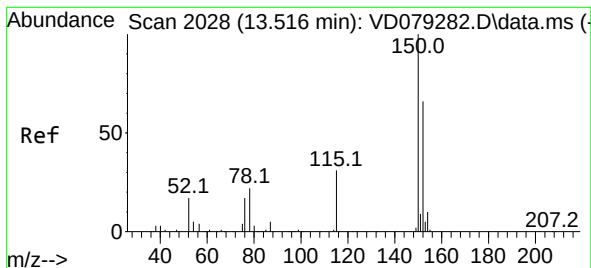
Tgt Ion:104 Resp: 181
Ion Ratio Lower Upper
104 100
78 139.8 33.0 49.6#
103 92.8 44.2 66.4#



#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 :

VIBLK

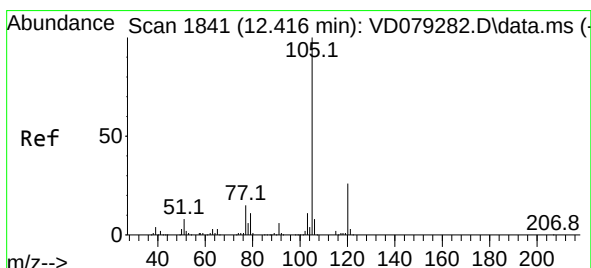
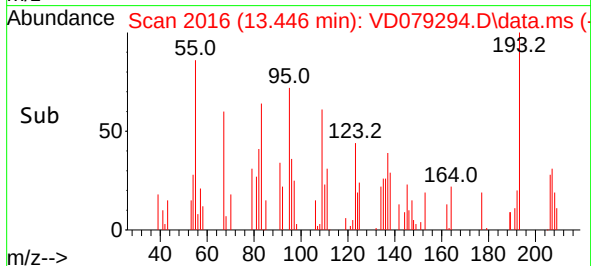
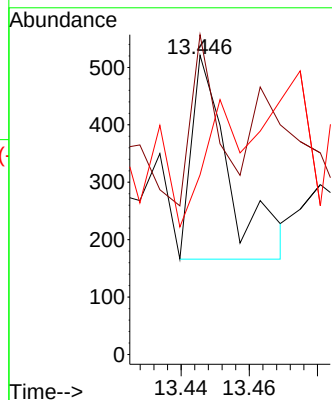
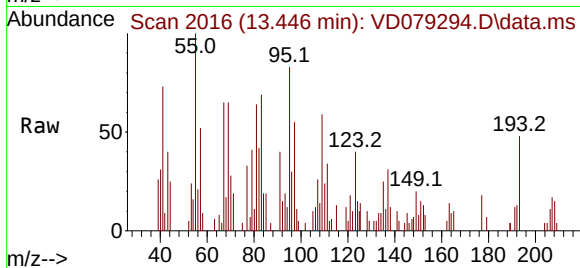
Tgt Ion:152 Resp: 275

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

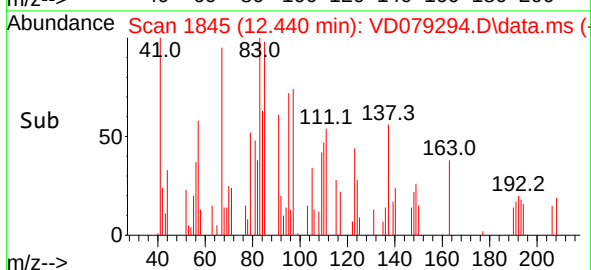
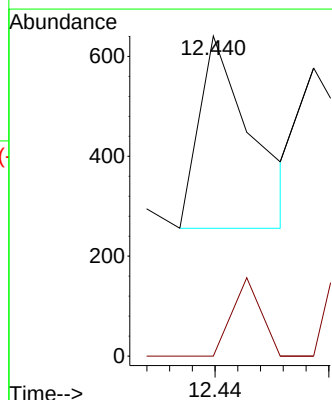
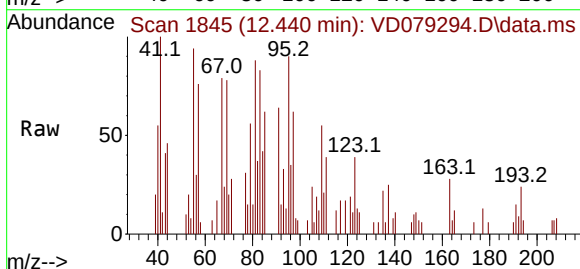
Acq: 01 Jul 2024 14:23

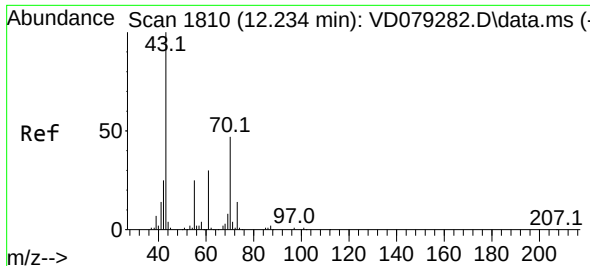
Tgt Ion:105 Resp: 251

Ion Ratio Lower Upper

105 100

120 21.9 13.6 40.7

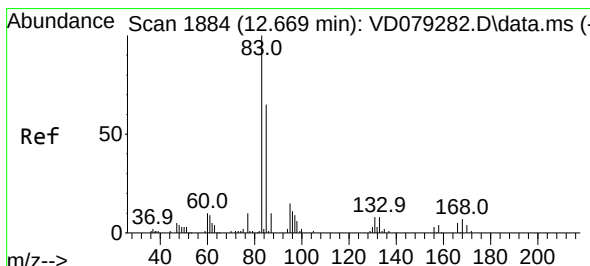
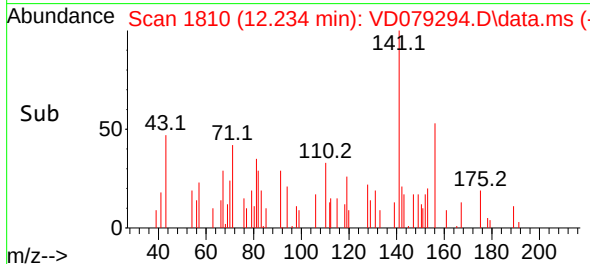
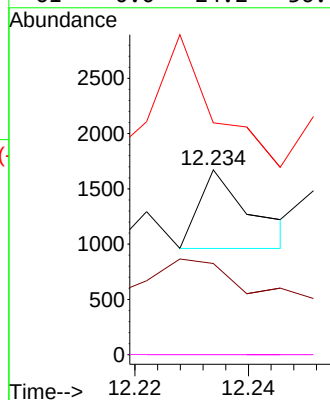
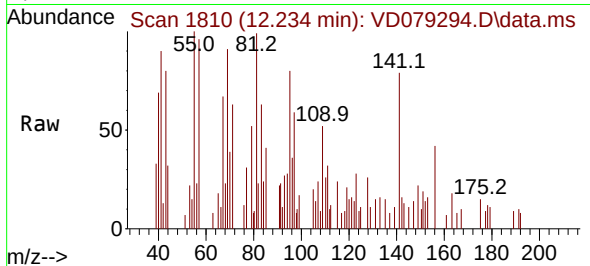




#74
N-amy1 acetate
Concen: 100.735 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

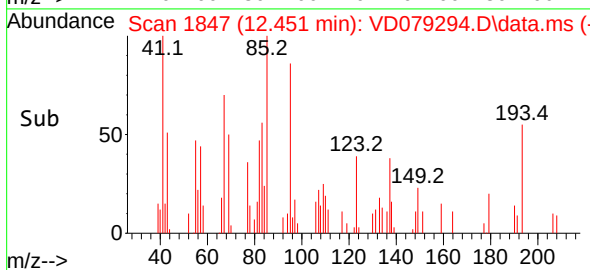
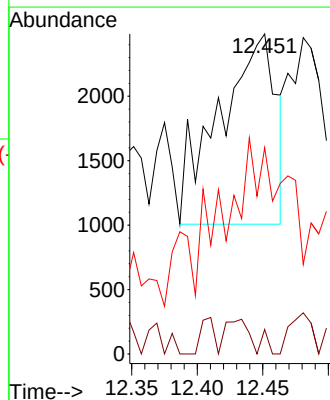
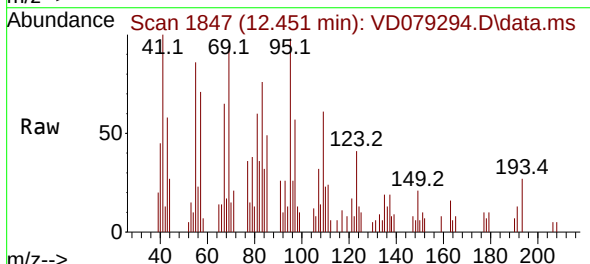
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

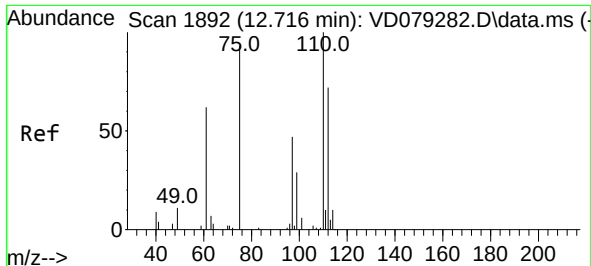
Tgt Ion:	43	Resp:	452
Ion	Ratio	Lower	Upper
43	100		
70	148.0	44.3	66.5#
55	185.8	23.2	34.8#
61	0.0	24.2	36.4#



#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

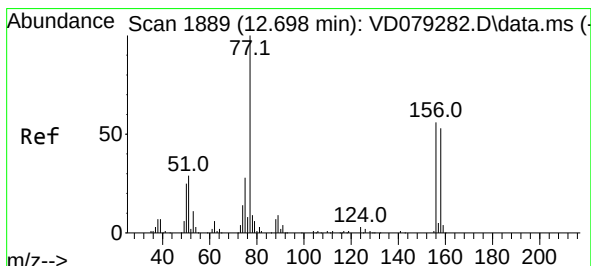
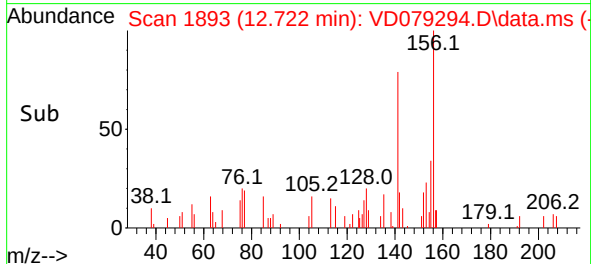
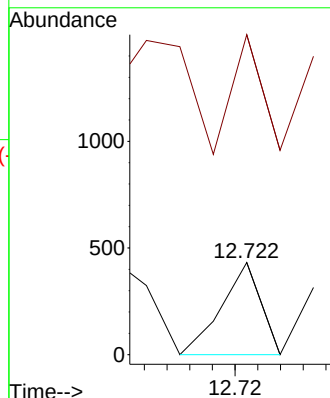
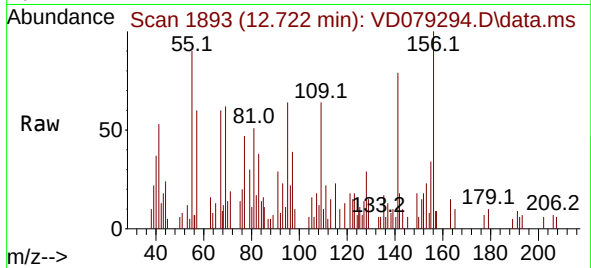




#76
1,2,3-Trichloropropane
Concen: 75.579 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

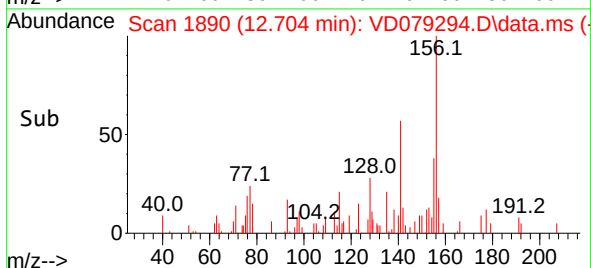
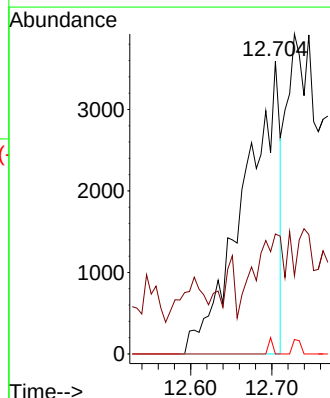
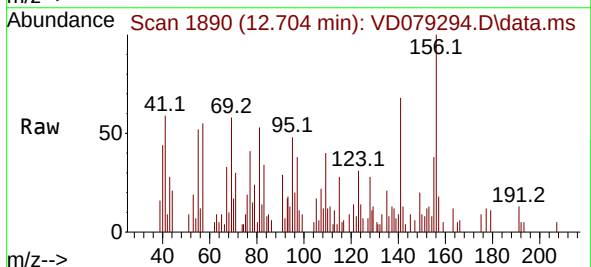
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

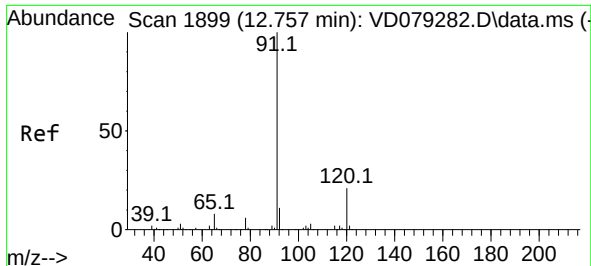
Tgt Ion: 75 Resp: 208
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#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#

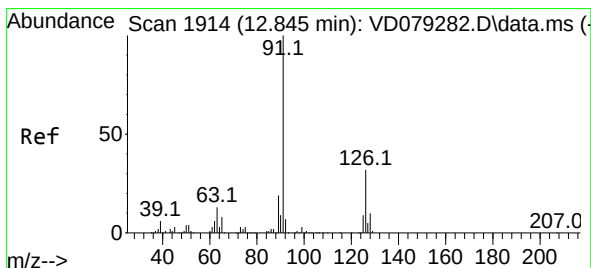
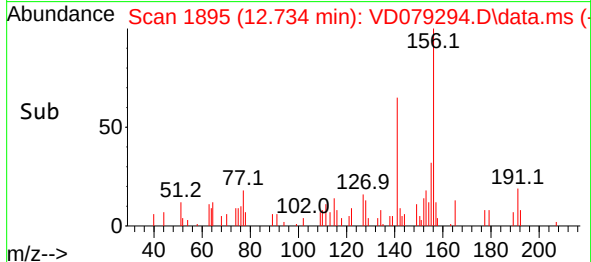
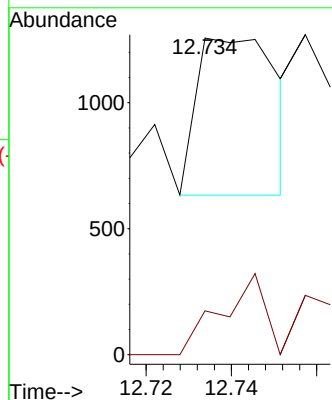
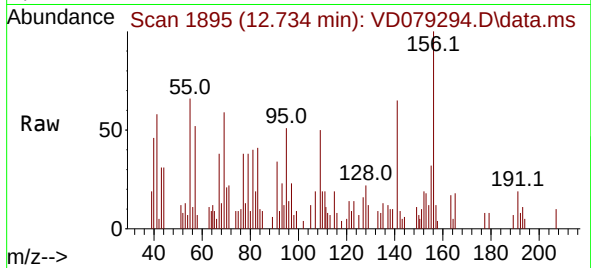




#78
n-propylbenzene
Concen: 31.102 ug/l
RT: 12.734 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

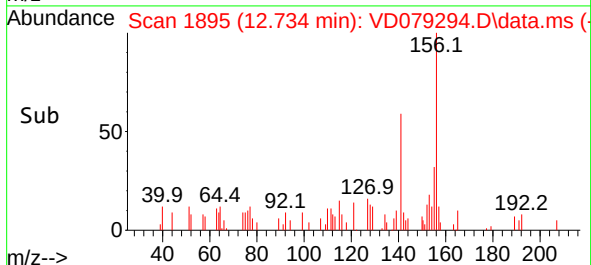
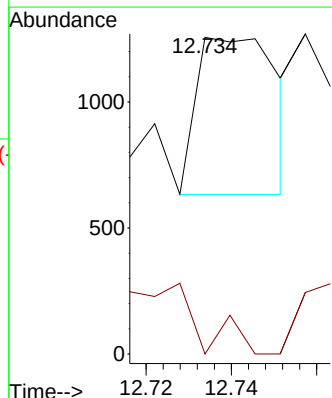
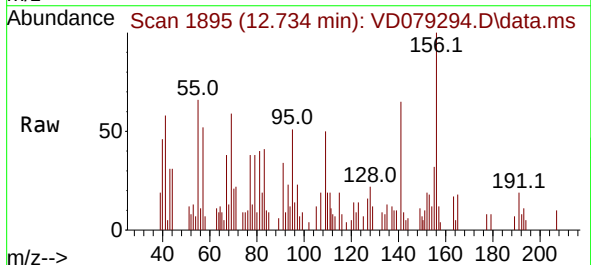
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

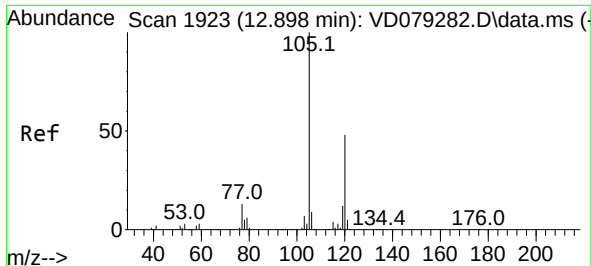
Tgt Ion: 91 Resp: 814
Ion Ratio Lower Upper
91 100
120 28.0 12.3 36.8



#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

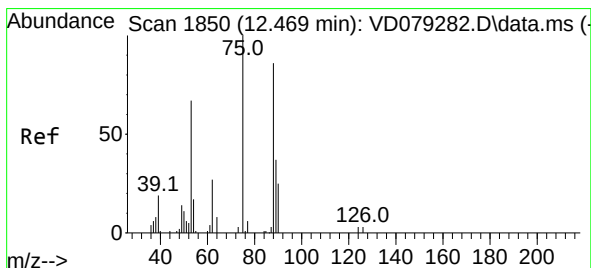
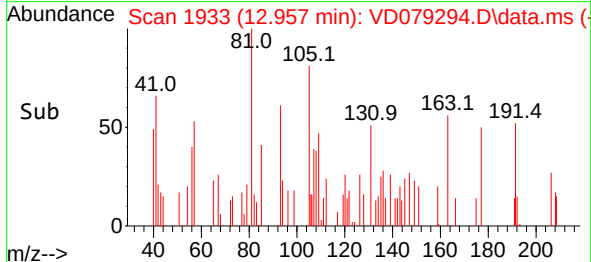
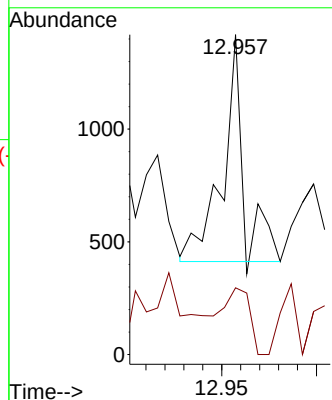
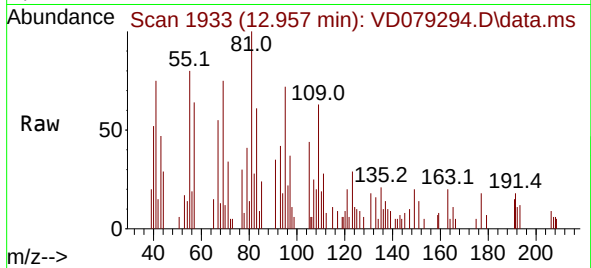




#80
1,3,5-Trimethylbenzene
Concen: 44.603 ug/l
RT: 12.957 min Scan# 1923
Delta R.T. 0.059 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

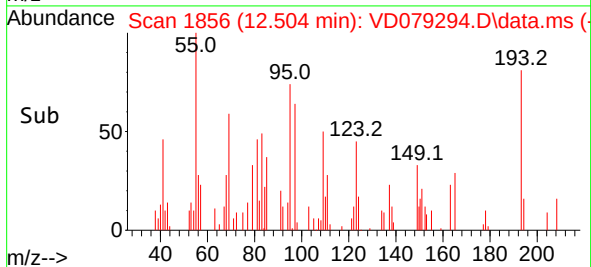
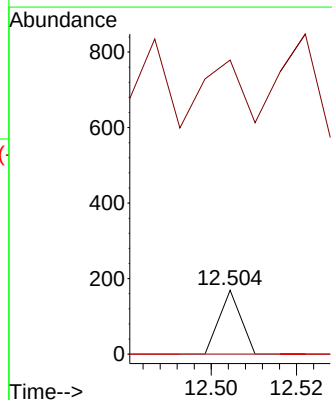
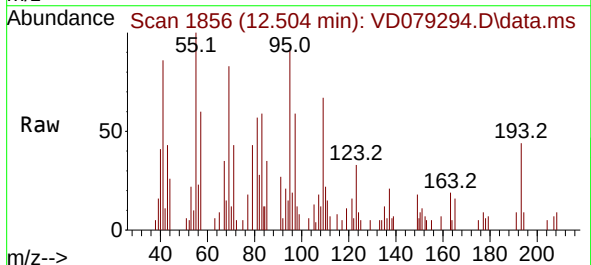
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

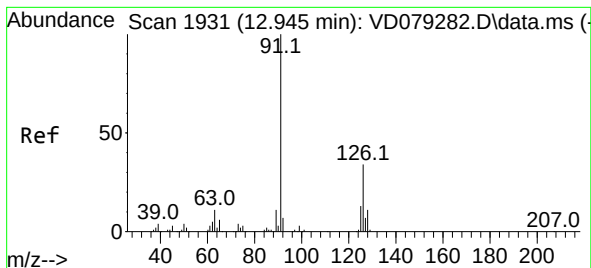
Tgt Ion:105 Resp: 772
Ion Ratio Lower Upper
105 100
120 35.5 25.7 77.1



#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#

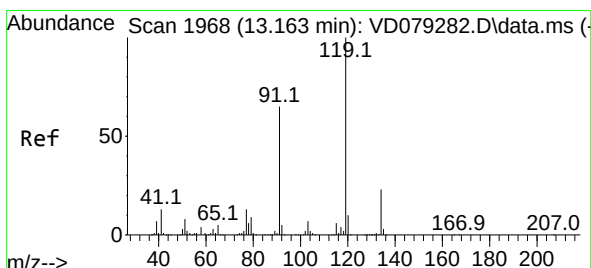
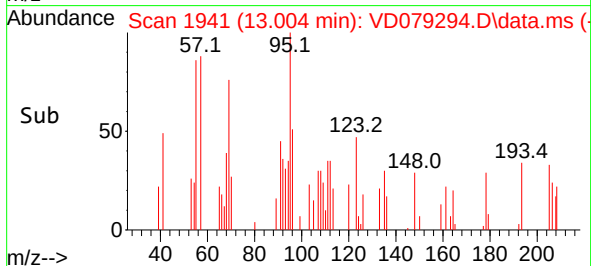
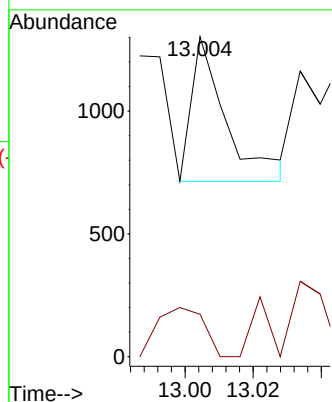
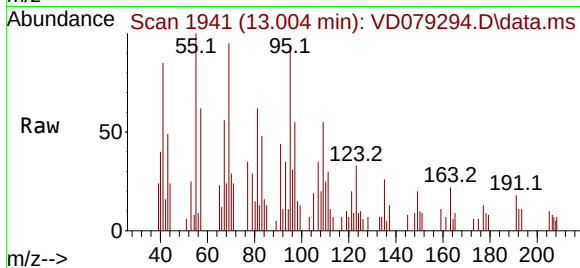




#82
4-Chlorotoluene
Concen: 26.996 ug/l
RT: 13.004 min Scan# 1941
Delta R.T. 0.059 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

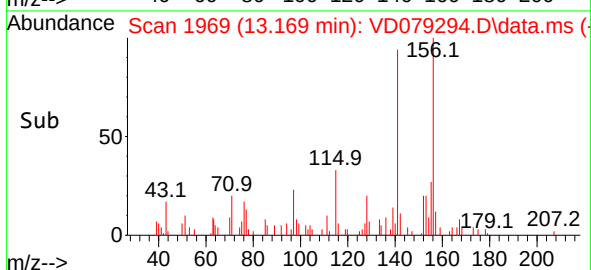
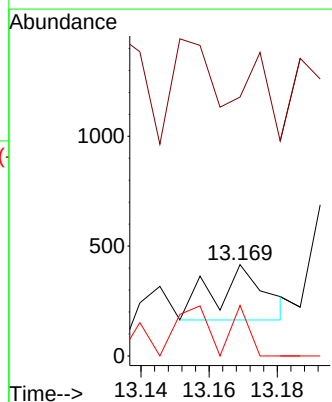
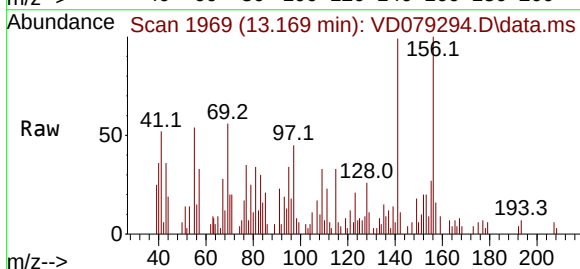
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

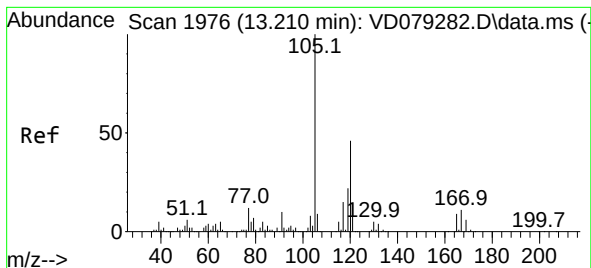
Tgt Ion: 91 Resp: 415
Ion Ratio Lower Upper
91 100
126 45.5 18.9 56.9



#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 :

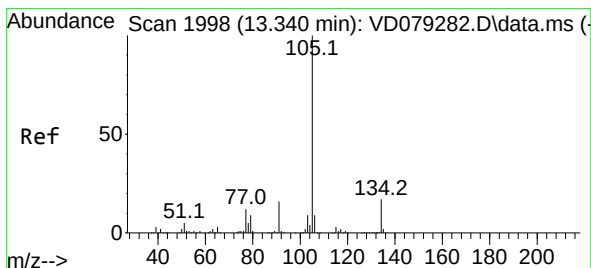
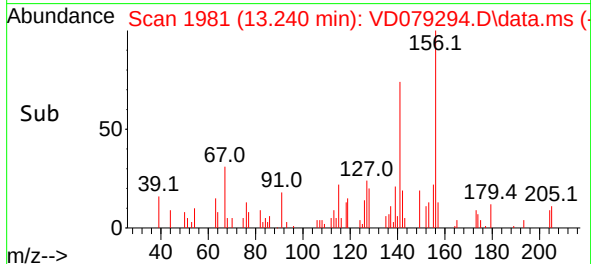
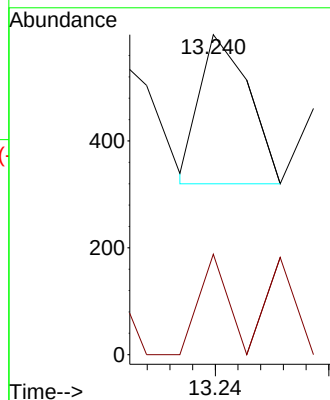
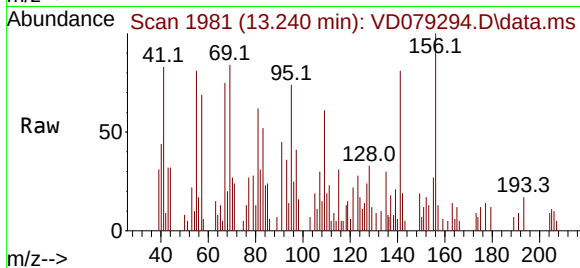
VIBLK

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

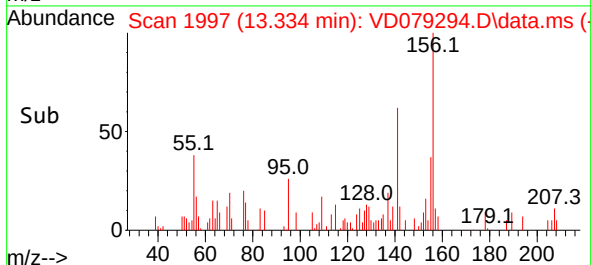
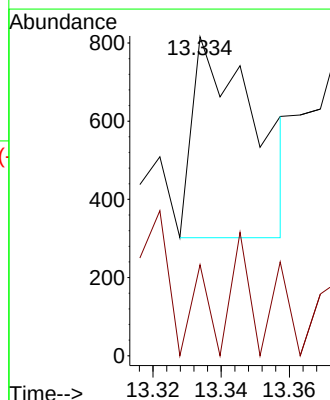
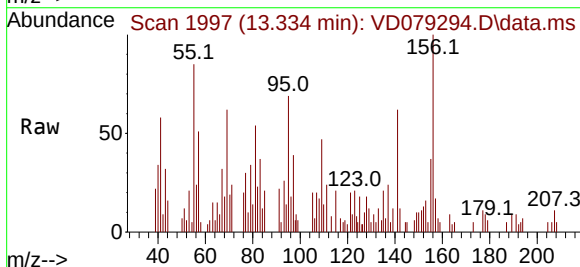
Acq: 01 Jul 2024 14:23

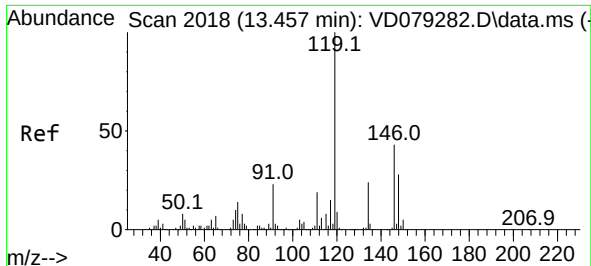
Tgt Ion:105 Resp: 654

Ion Ratio Lower Upper

105 100

134 30.0 10.3 30.8

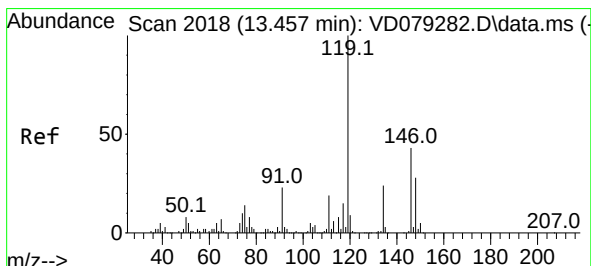
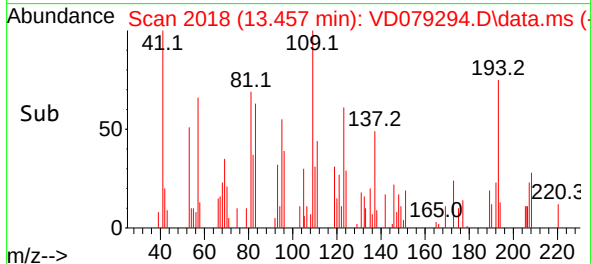
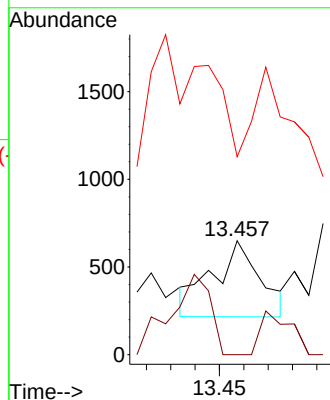
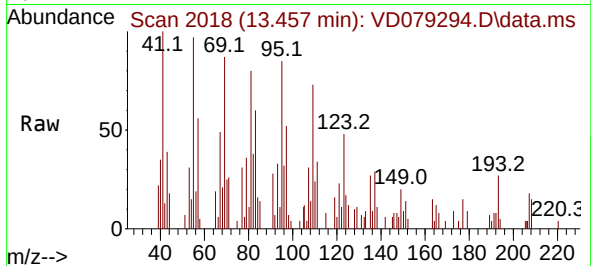




#86
p-Isopropyltoluene
Concen: 32.096 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

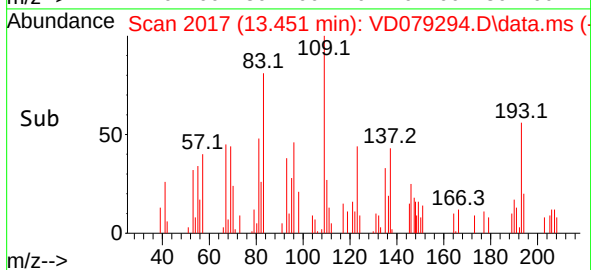
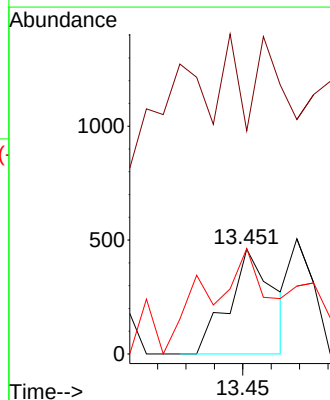
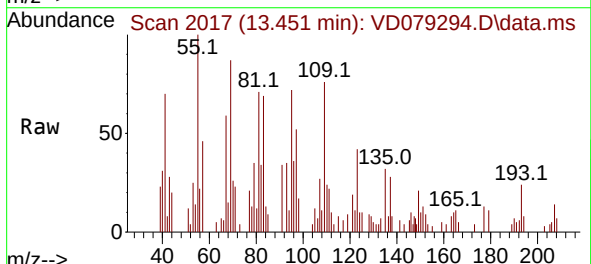
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

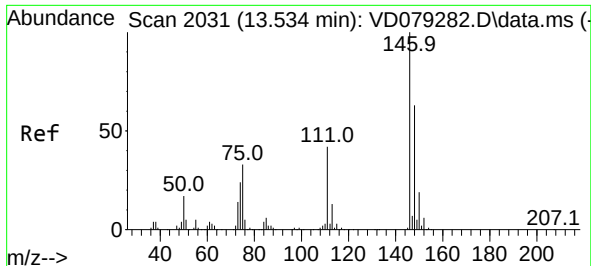
Tgt Ion:119 Resp: 591
Ion Ratio Lower Upper
119 100
134 35.7 13.7 41.1
91 148.2 10.7 32.1#



#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#

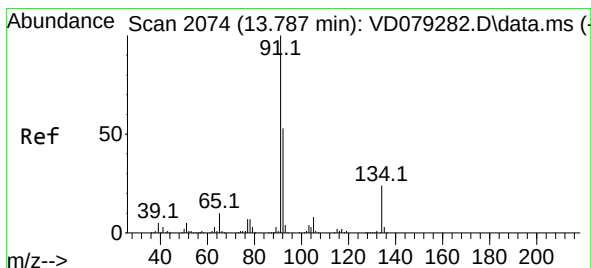
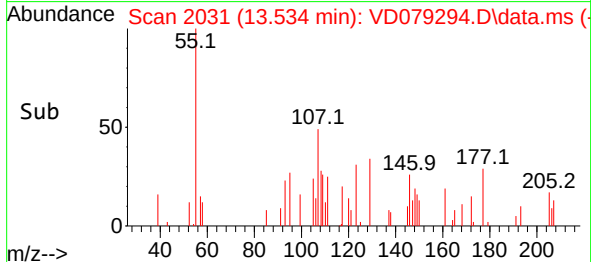
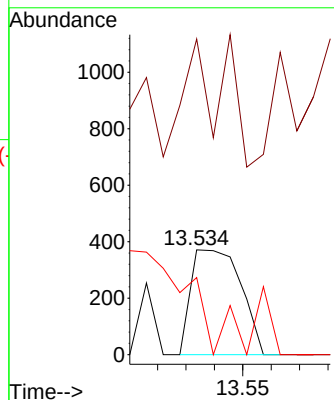
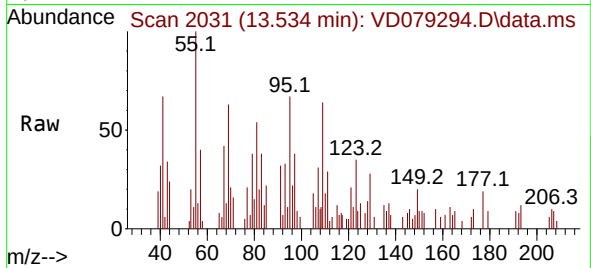




#88
1,4-Dichlorobenzene
Concen: 46.612 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

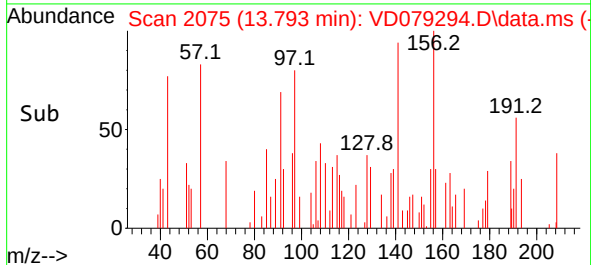
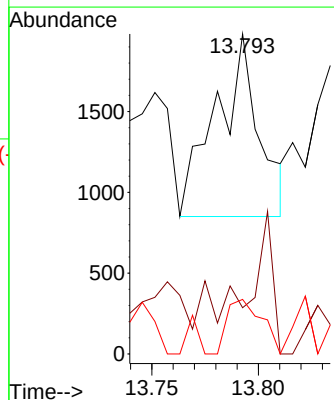
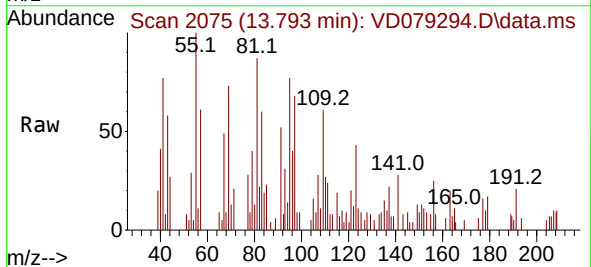
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

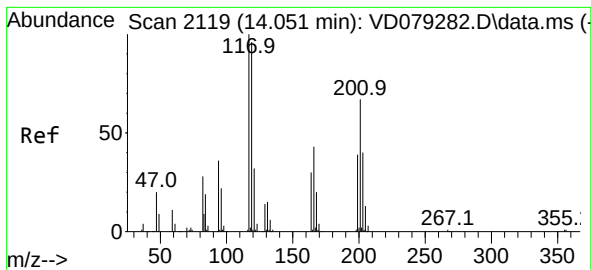
Tgt Ion:146 Resp: 453
Ion Ratio Lower Upper
146 100
111 97.1 17.5 52.6#
148 0.0 31.4 94.2#



#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 :

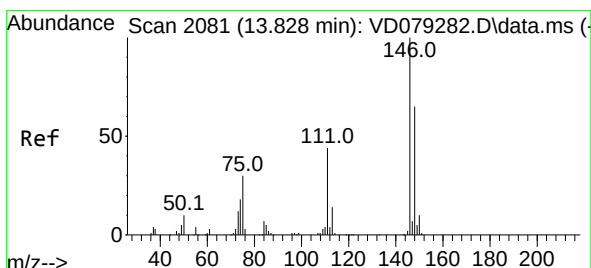
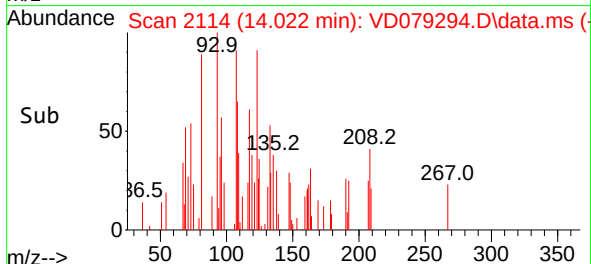
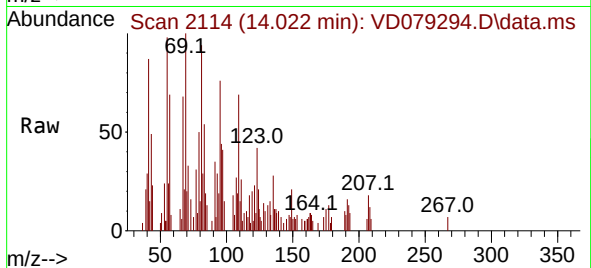
VIBLK

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

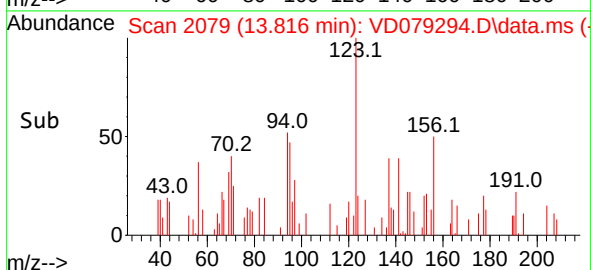
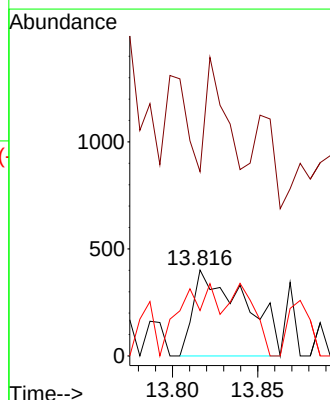
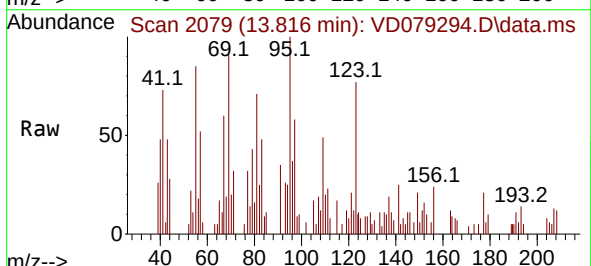
Tgt Ion:146 Resp: 841

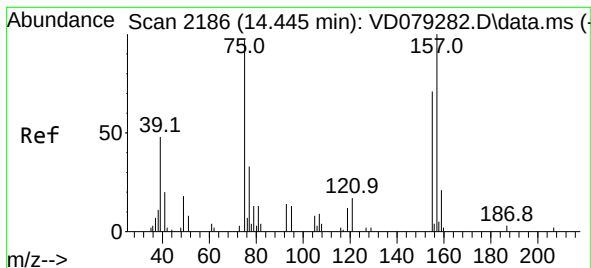
Ion Ratio Lower Upper

146 100

111 45.2 19.1 57.1

148 38.2 31.1 93.5

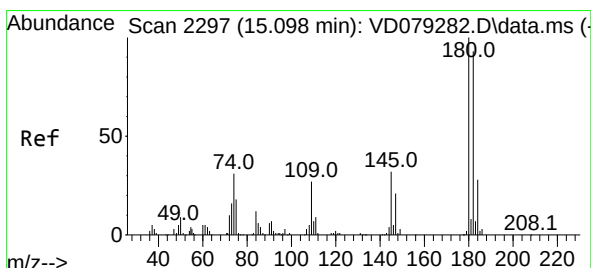
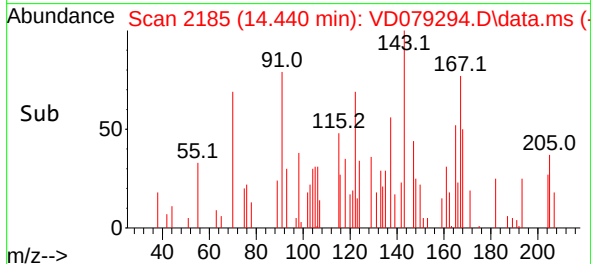
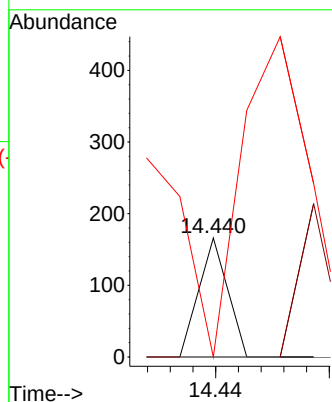
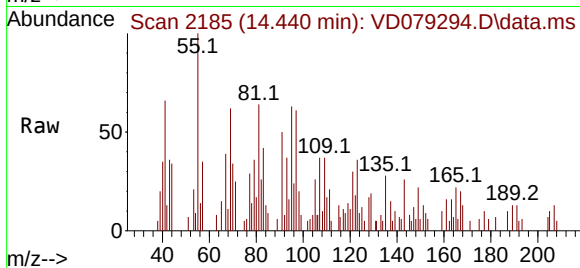




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.987 ug/l
 RT: 14.440 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD079294.D
 Acq: 01 Jul 2024 14:23

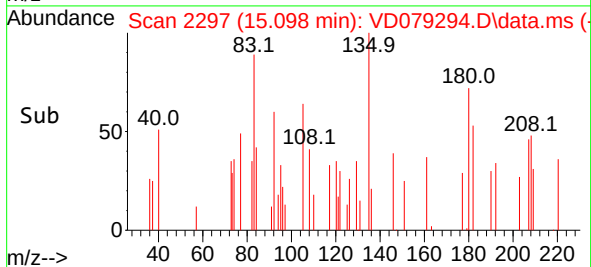
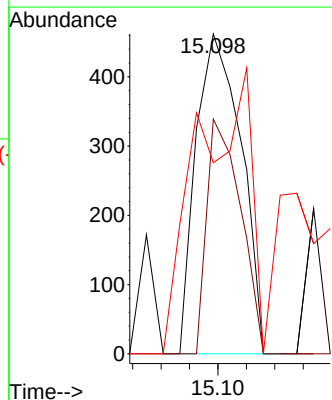
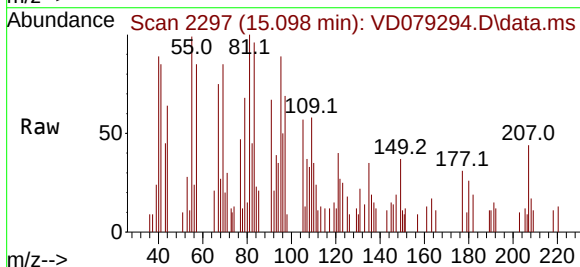
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

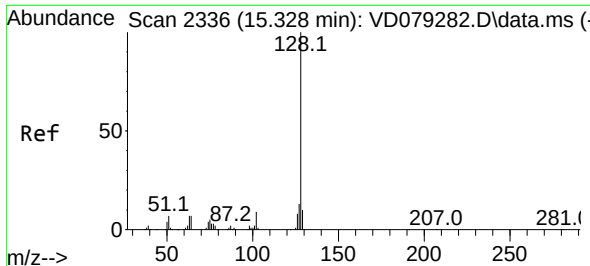
Tgt Ion: 75	Resp:	59
Ion Ratio	Lower	Upper
75	100	
155	128.8	47.7 143.1
157	618.6	63.4 190.2#



#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#

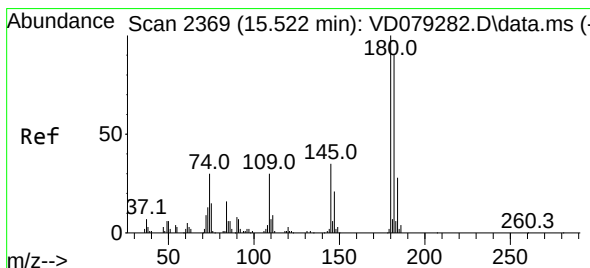
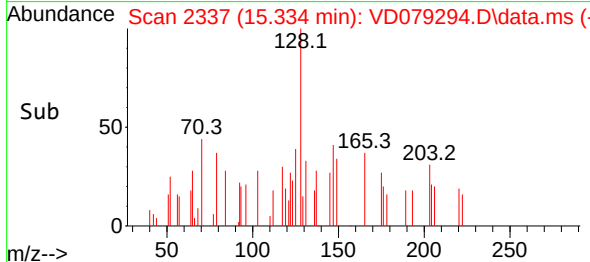
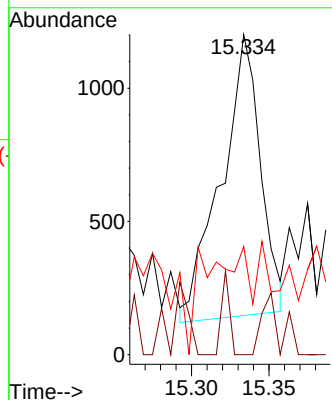
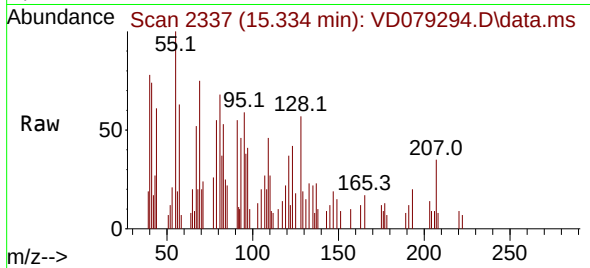




#95
Naphthalene
Concen: 212.486 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079294.D
Acq: 01 Jul 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

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#

