

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083828.D
 Acq On : 12 Sep 2024 13:53
 Operator : JC\MD
 Sample : P3913-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-FRE

Quant Time: Sep 12 17:34:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	108105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	228887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	89260	54.758	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.520%
35) Dibromofluoromethane	8.165	113	69015	47.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	10.565	98	254698	50.280	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.847	95	127236	60.880	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	121.760%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1067	Below Cal		97
5) Bromomethane	2.912	94	591	0.748	ug/l #	2
6) Chloroethane	3.083	64	1006	1.042	ug/l #	45
11) Tert butyl alcohol	5.536	59	9574	43.861	ug/l #	77
13) Acrolein	4.171	56	56	0.260	ug/l #	70
16) Acetone	4.430	43	162011	247.929	ug/l	97
17) Carbon Disulfide	4.689	76	4875	1.490	ug/l #	75
18) Methyl Acetate	5.030	43	4018	1.138	ug/l #	60
25) 2-Butanone	7.482	43	148690	173.124	ug/l	99
28) Bromochloromethane	7.782	49	506	0.486	ug/l #	14
29) Tetrahydrofuran	7.777	42	5564	10.956	ug/l #	54
31) Cyclohexane	8.224	56	3225	1.369	ug/l #	14
36) 1,1-Dichloropropene	8.218	75	9570	4.339	ug/l #	51
37) Ethyl Acetate	7.482	43	148690	74.273	ug/l #	68
38) Carbon Tetrachloride	8.229	117	11929	4.768	ug/l #	12
40) Benzene	8.600	78	2877	0.433	ug/l #	73
41) Methacrylonitrile	7.788	41	24108	20.361	ug/l #	47
43) Isopropyl Acetate	8.659	43	85113	23.461	ug/l #	58
44) Trichloroethene	9.347	130	515	0.335	ug/l	78
48) Methyl methacrylate	9.653	41	26841	15.595	ug/l #	44
49) 1,4-Dioxane	9.706	88	909	32.104	ug/l #	14
51) 4-Methyl-2-Pentanone	10.453	43	1303	0.660	ug/l #	71
52) Toluene	10.623	92	5782	1.424	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	763	0.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	264	0.314	ug/l #	46
59) 2-Hexanone	11.259	43	2269	1.553	ug/l	94
65) Chlorobenzene	11.894	112	1539	0.277	ug/l	98
67) Ethyl Benzene	11.965	91	7038	0.713	ug/l	90
68) m/p-Xylenes	12.065	106	7632	2.083	ug/l	100
69) o-Xylene	12.400	106	3632	1.024	ug/l	95
70) Styrene	12.412	104	5033	0.865	ug/l	94
74) N-amyl acetate	12.488	43	966	0.225	ug/l #	63
76) 1,2,3-Trichloropropane	12.847	75	72353	27.623	ug/l #	1
77) Bromobenzene	12.970	156	545	0.225	ug/l	49
78) n-propylbenzene	13.035	91	6842	0.586	ug/l	82
79) 2-Chlorotoluene	13.217	91	3532	0.474	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

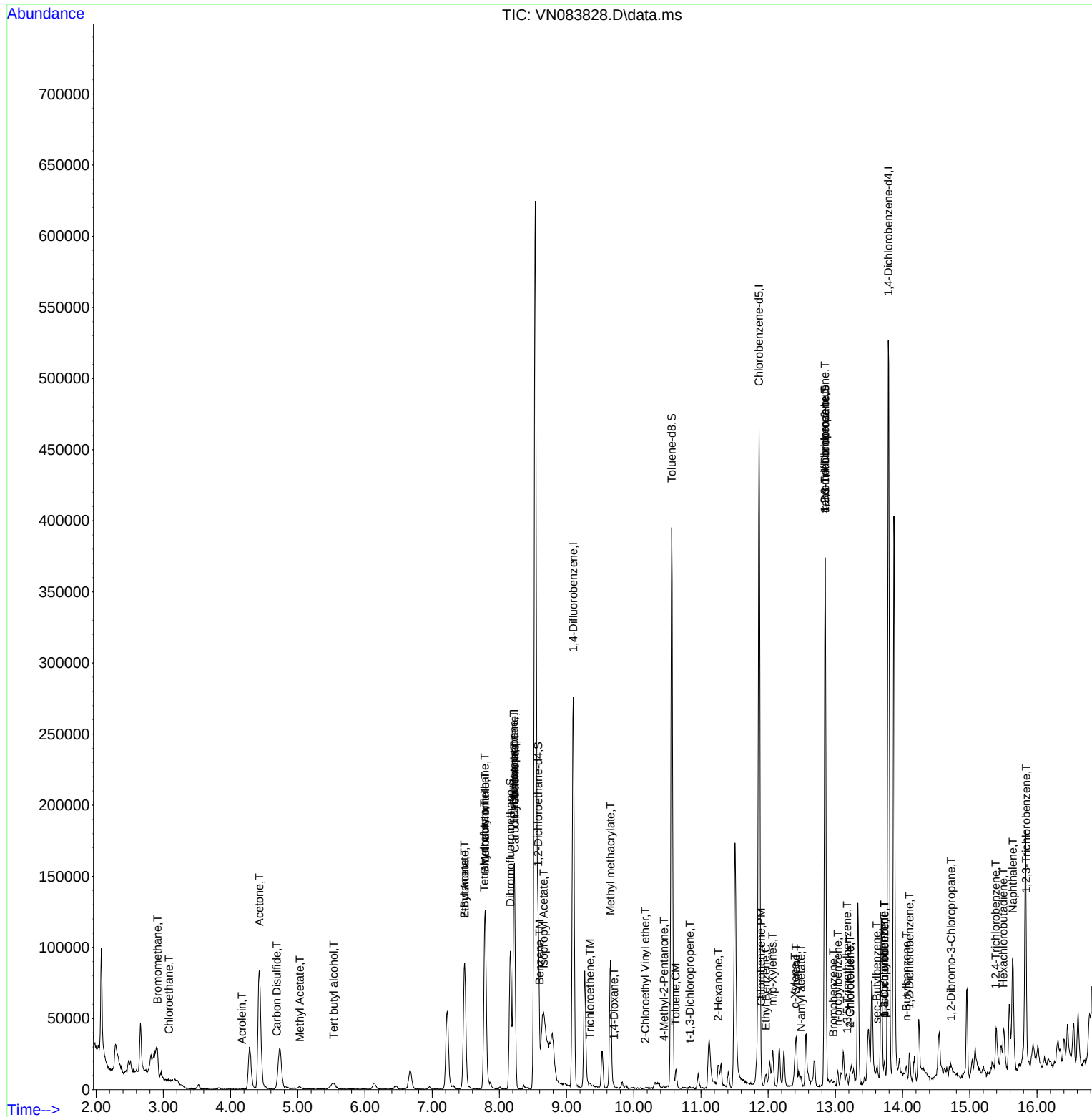
80) 1,3,5-Trimethylbenzene	13.176	105	3223	0.381	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.847	75	72353	72.346	ug/l #	9
82) 4-Chlorotoluene	13.217	91	3532	0.472	ug/l	99
85) sec-Butylbenzene	13.617	105	2957	0.301	ug/l	94
86) p-Isopropyltoluene	13.729	119	2794	0.339	ug/l #	81
87) 1,3-Dichlorobenzene	13.729	146	2842	0.623	ug/l	97
88) 1,4-Dichlorobenzene	13.729	146	2842	0.615	ug/l	97
89) n-Butylbenzene	14.059	91	5669	0.767	ug/l	87
91) 1,2-Dichlorobenzene	14.100	146	2374	0.539	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	311	0.529	ug/l	76
93) 1,2,4-Trichlorobenzene	15.388	180	3005	1.272	ug/l #	80
94) Hexachlorobutadiene	15.500	225	1349	1.344	ug/l	90
95) Naphthalene	15.641	128	67105	9.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	2411	1.068	ug/l	88

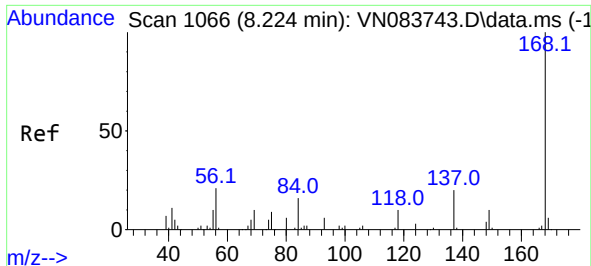
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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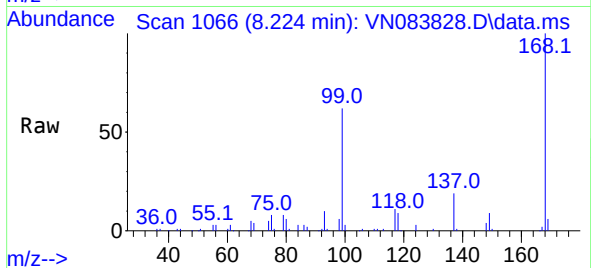
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
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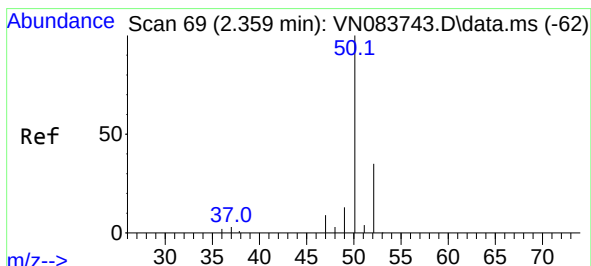
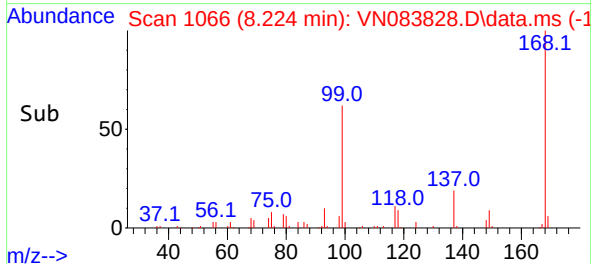
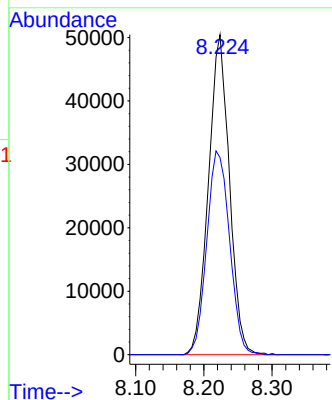


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

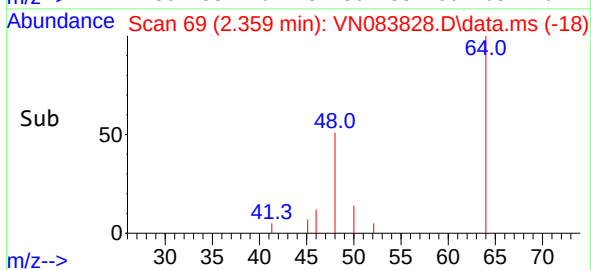
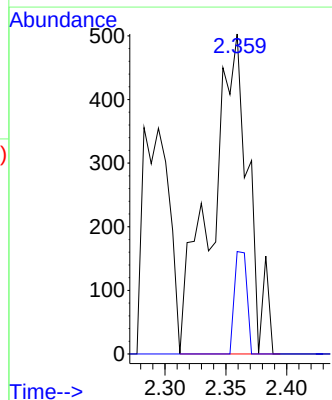
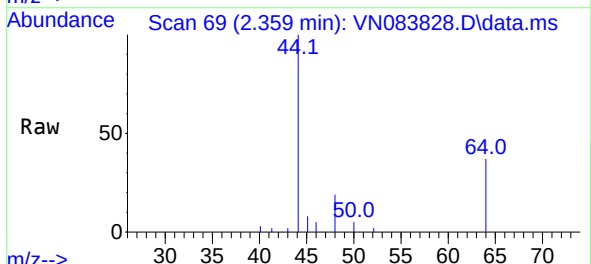


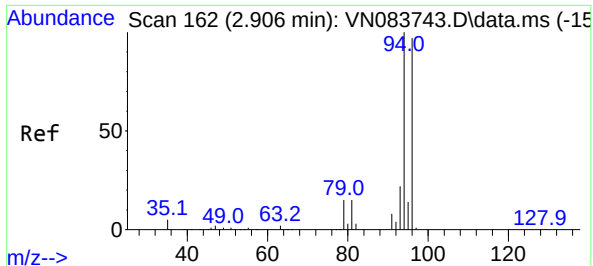
Tgt Ion:168 Resp: 108105
Ion Ratio Lower Upper
168 100
99 61.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 50 Resp: 1067
Ion Ratio Lower Upper
50 100
52 32.0 27.2 40.8

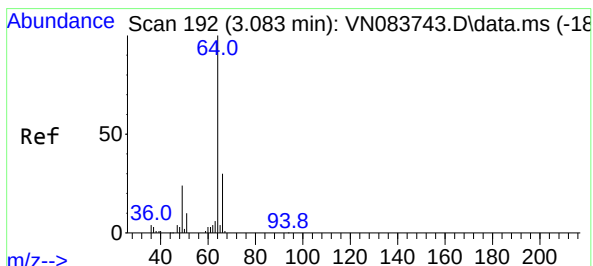
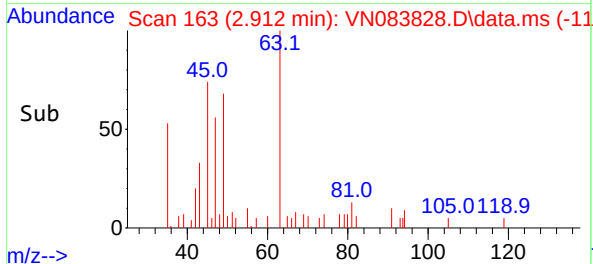
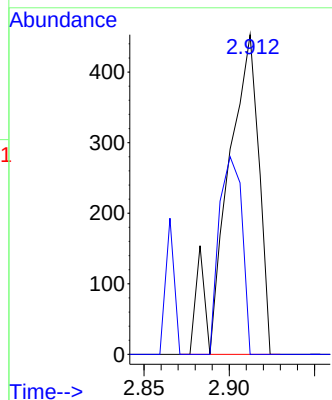
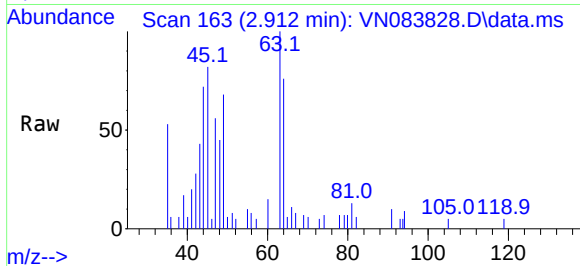




#5
Bromomethane
Concen: 0.748 ug/l
RT: 2.912 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

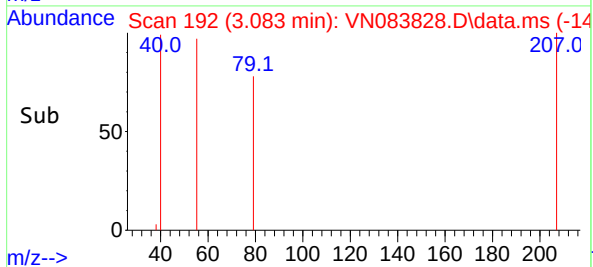
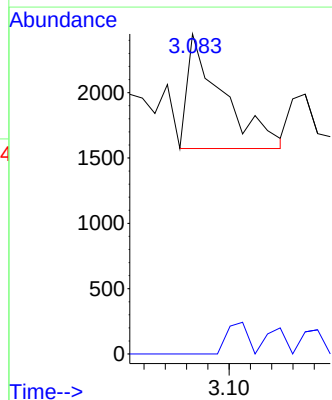
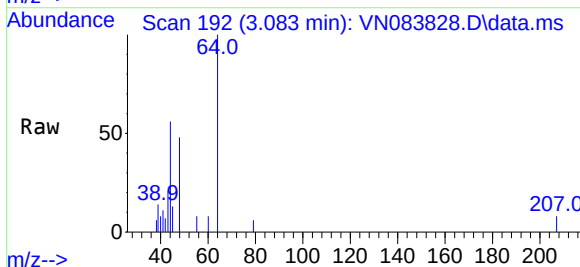
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

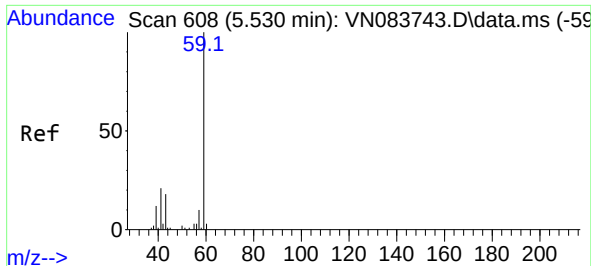
Tgt Ion: 94 Resp: 591
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 1.042 ug/l
RT: 3.083 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 64 Resp: 1006
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#

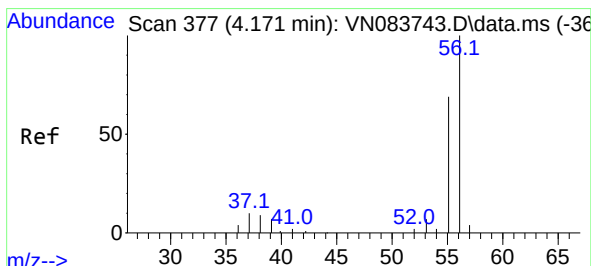
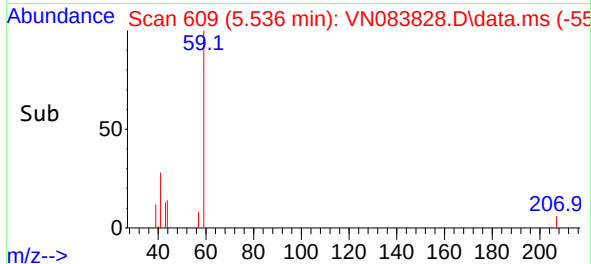
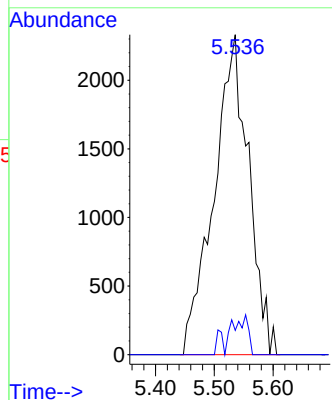
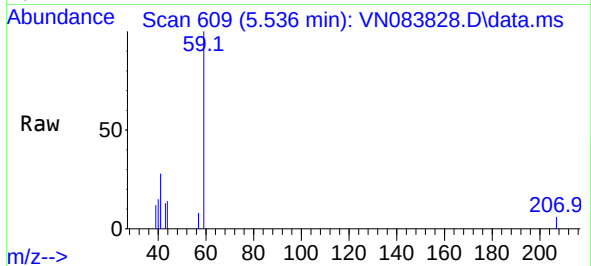




#11
Tert butyl alcohol
Concen: 43.861 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

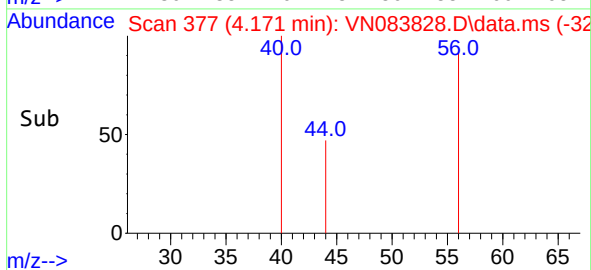
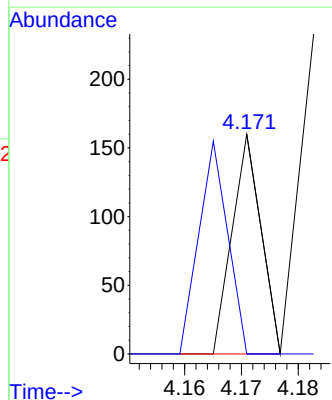
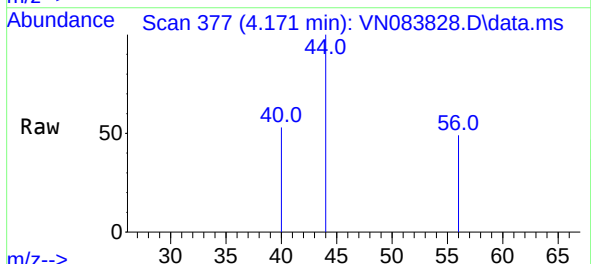
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

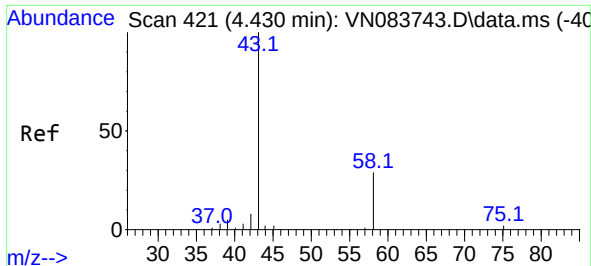
Tgt Ion: 59 Resp: 9574
Ion Ratio Lower Upper
59 100
57 2.2 8.7 13.1#



#13
Acrolein
Concen: 0.260 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 98.2 58.2 87.2#



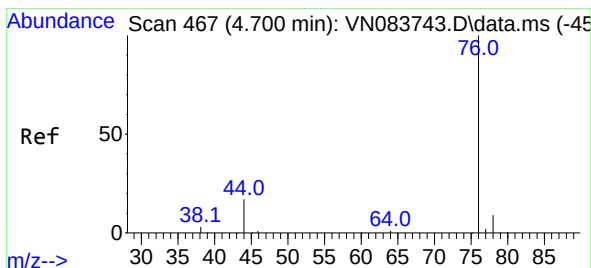
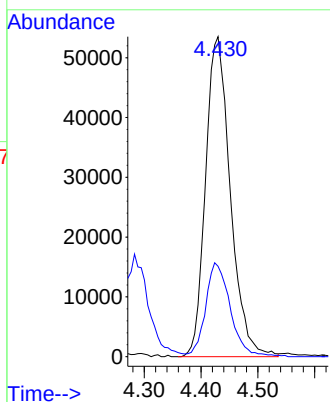


#16
Acetone
Concen: 247.929 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 43 Resp: 162011

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.7	35.5

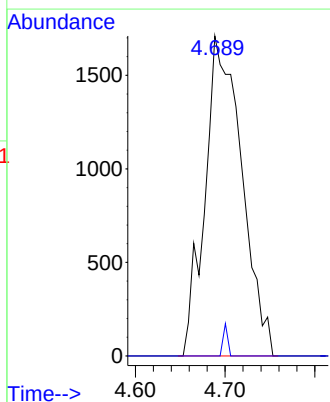
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

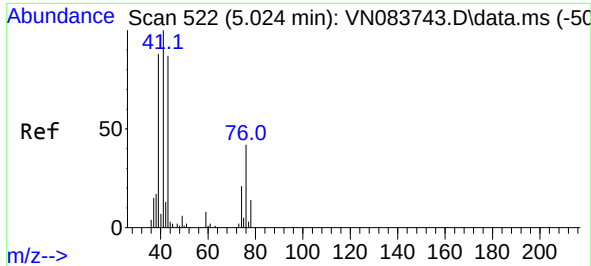


#17
Carbon Disulfide
Concen: 1.490 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.012 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 76 Resp: 4875

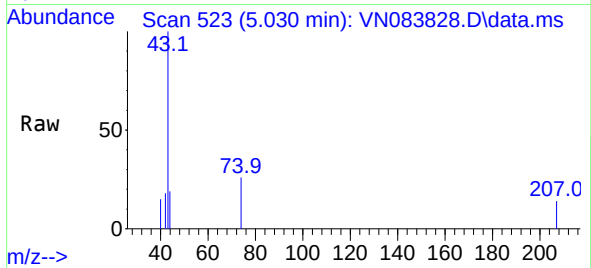
Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



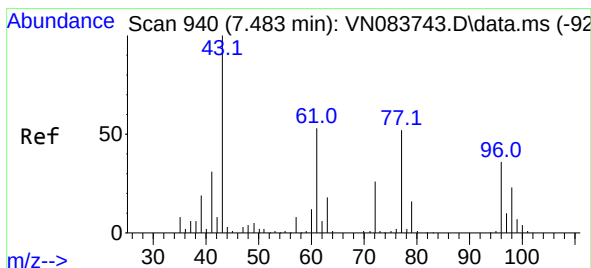
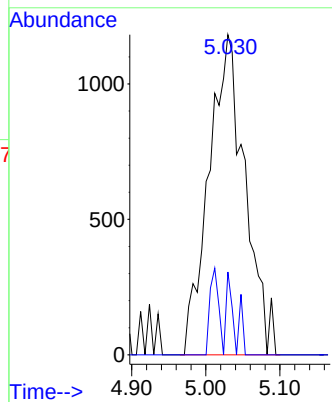
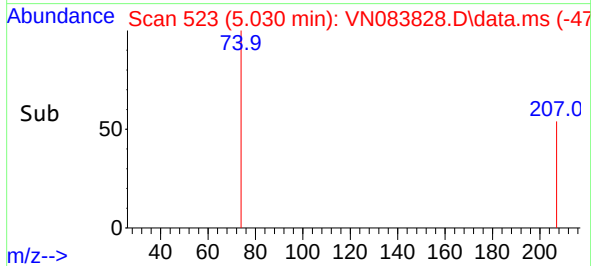


#18
Methyl Acetate
Concen: 1.138 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

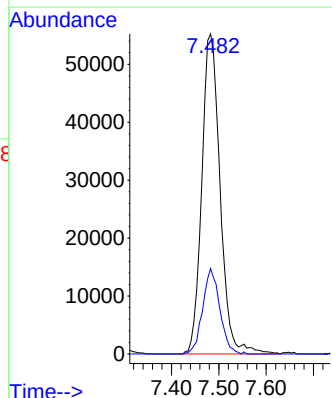
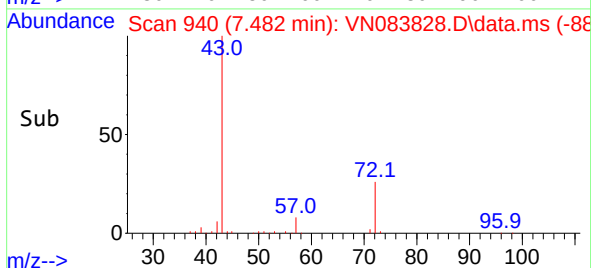
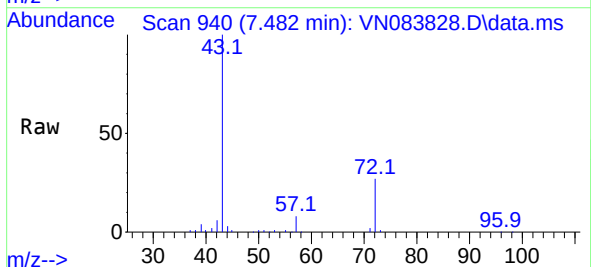


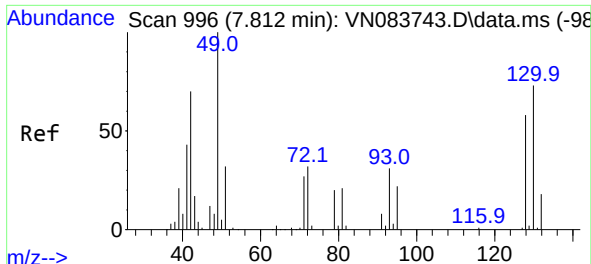
Tgt Ion: 43 Resp: 4018
Ion Ratio Lower Upper
43 100
74 4.2 19.0 28.4#



#25
2-Butanone
Concen: 173.124 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 43 Resp: 148690
Ion Ratio Lower Upper
43 100
72 26.7 20.8 31.2

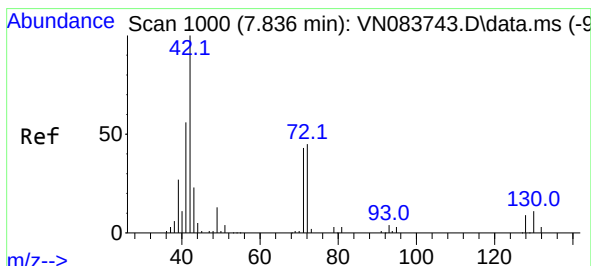
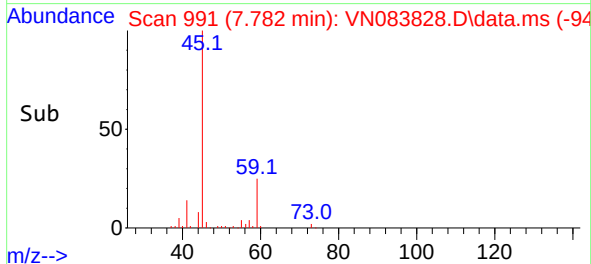
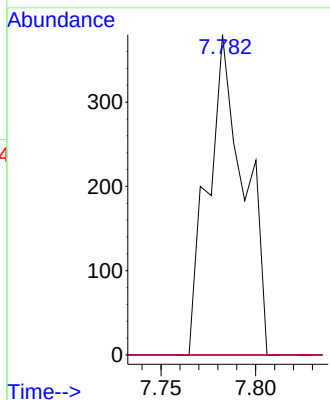
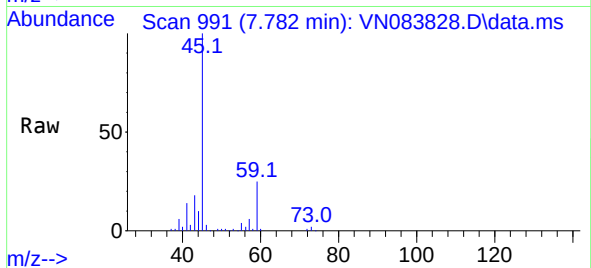




#28
Bromochloromethane
Concen: 0.486 ug/l
RT: 7.782 min Scan# 996
Delta R.T. -0.030 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

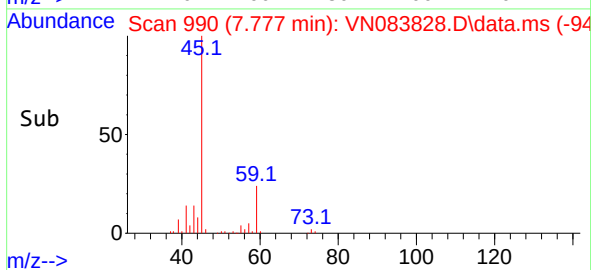
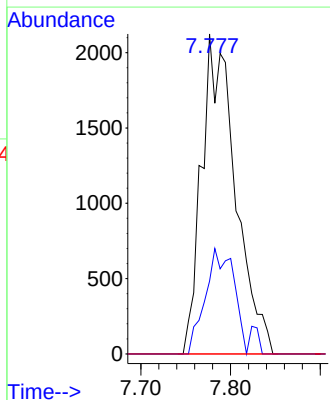
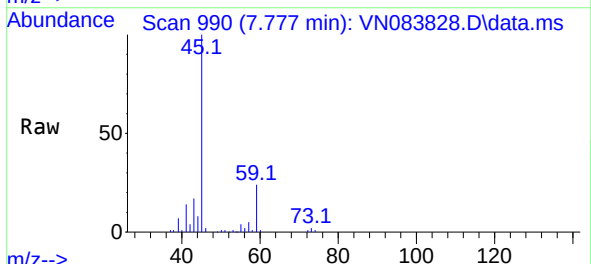
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

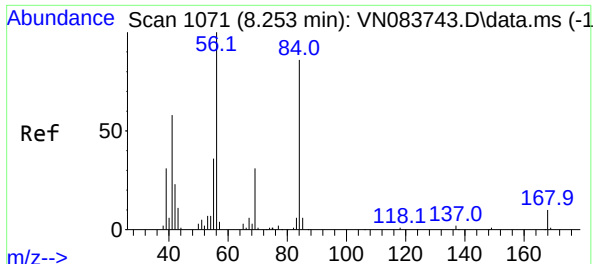
Tgt Ion:	49	Resp:	506
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	0.0	60.2	90.2#



#29
Tetrahydrofuran
Concen: 10.956 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.059 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

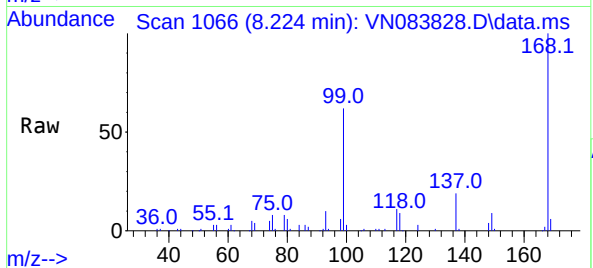
Tgt Ion:	42	Resp:	5564
Ion	Ratio	Lower	Upper
42	100		
72	27.7	35.9	53.9#
71	0.0	33.9	50.9#



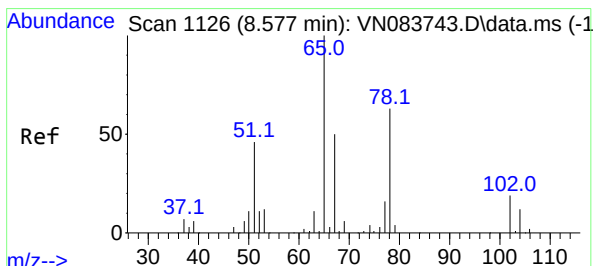
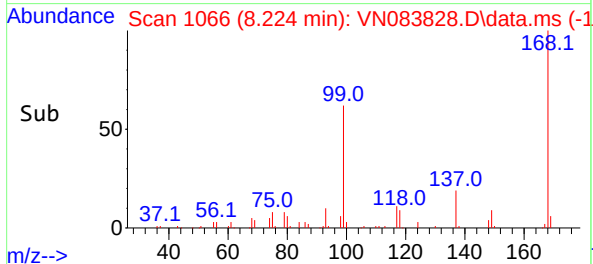
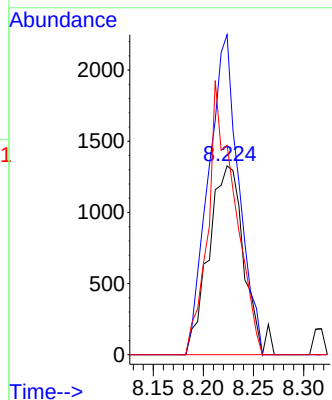


#31
Cyclohexane
Concen: 1.369 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

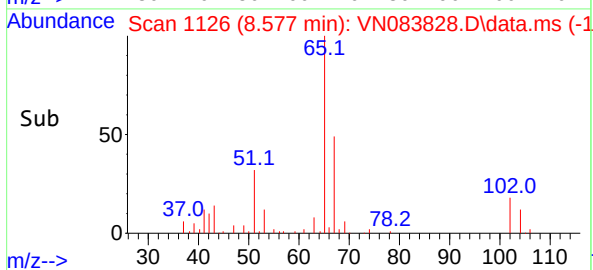
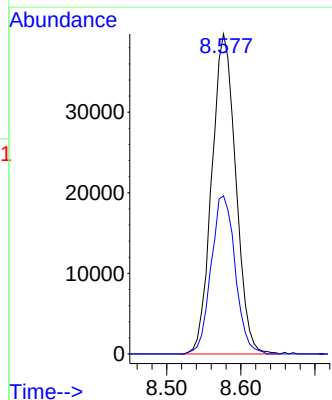
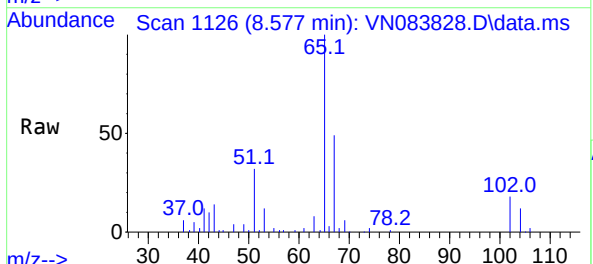


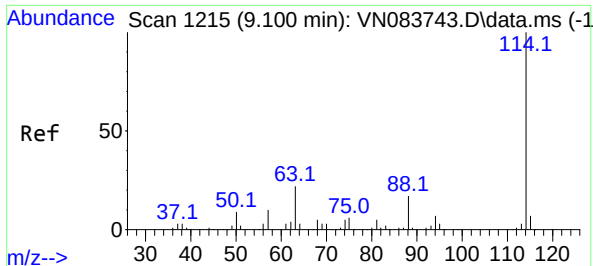
Tgt Ion: 56 Resp: 3225
Ion Ratio Lower Upper
56 100
69 169.4 26.9 40.3#
84 110.9 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 54.758 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 65 Resp: 89260
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

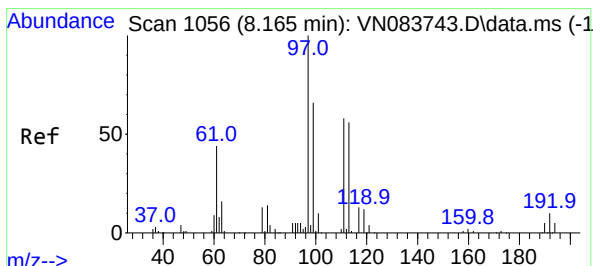
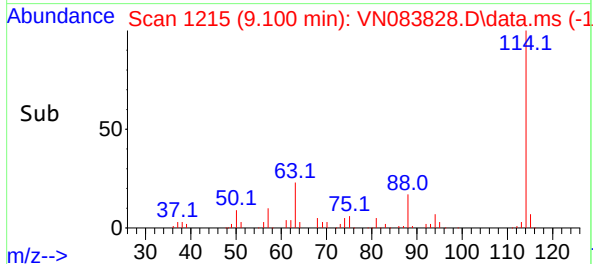
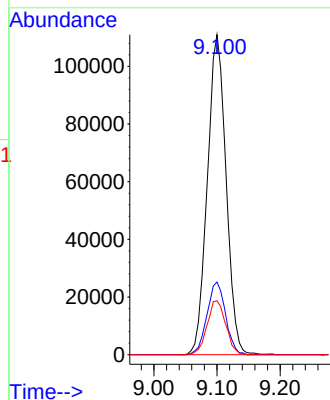
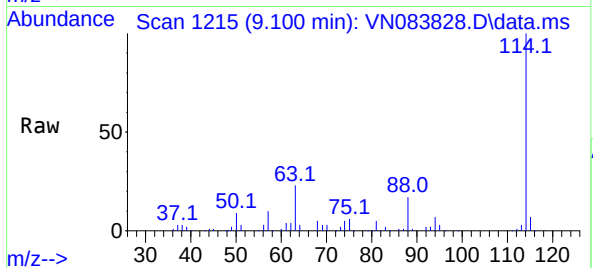




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

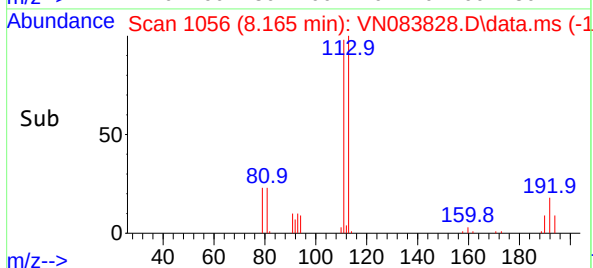
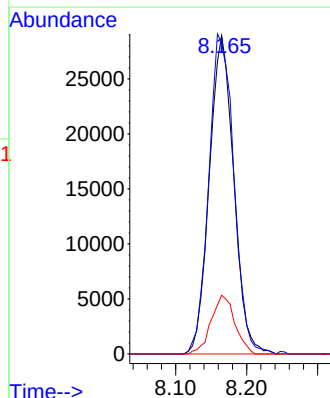
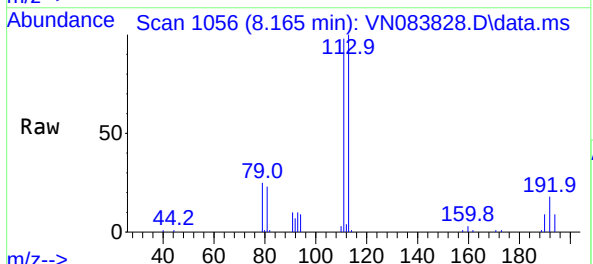
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

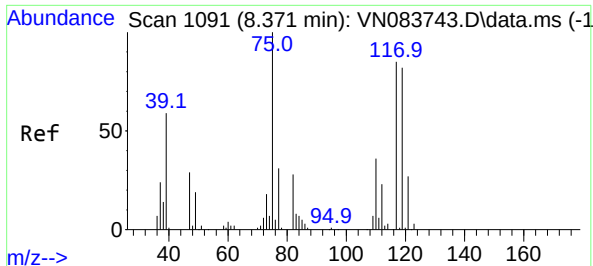
Tgt Ion:114 Resp: 228887
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 16.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.099 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

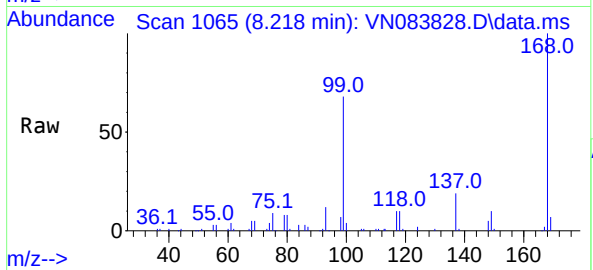
Tgt Ion:113 Resp: 69015
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 17.9 14.3 21.5



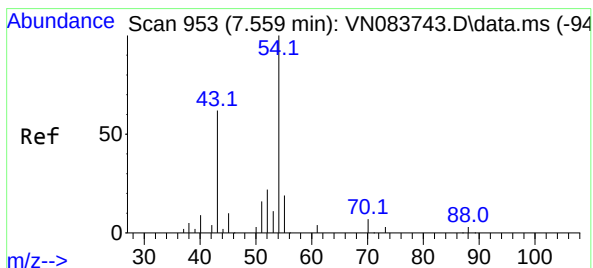
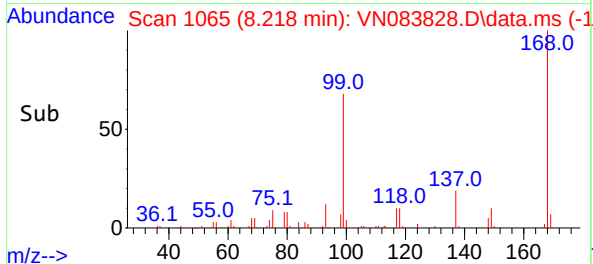
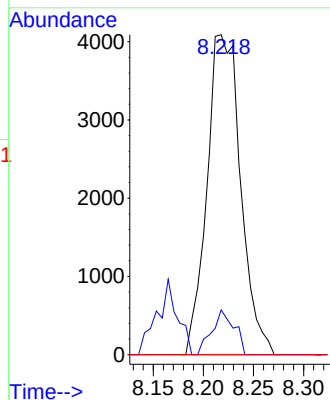


#36
1,1-Dichloropropene
Concen: 4.339 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

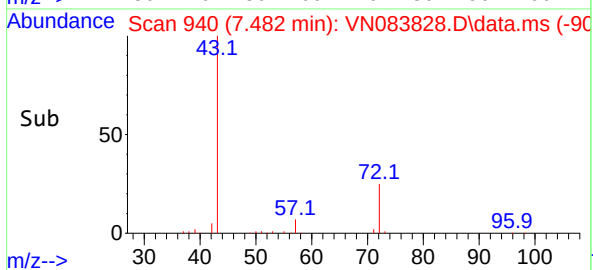
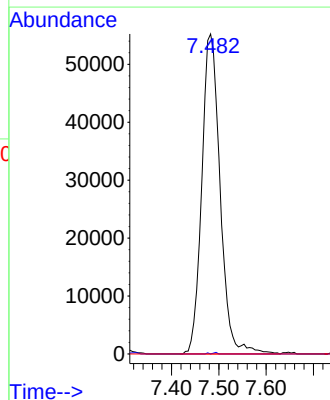
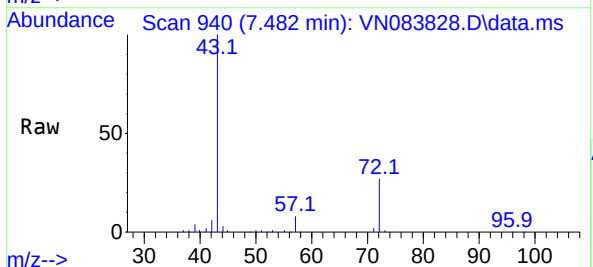


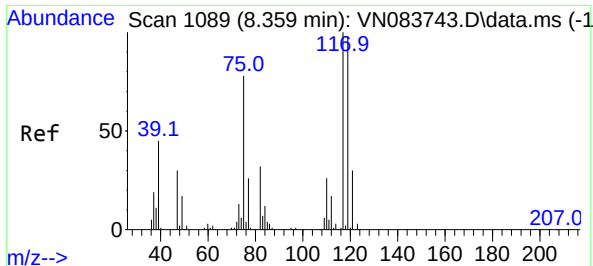
Tgt Ion: 75 Resp: 9570
Ion Ratio Lower Upper
75 100
110 9.3 16.7 50.1#
77 0.0 25.2 37.8#



#37
Ethyl Acetate
Concen: 74.273 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.077 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

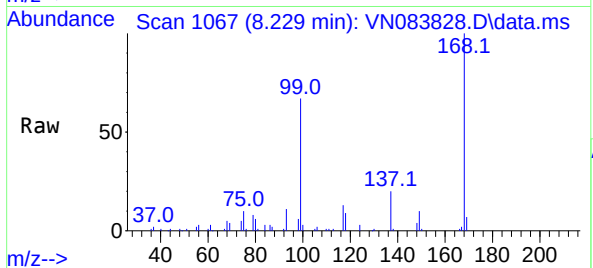
Tgt Ion: 43 Resp: 148690
Ion Ratio Lower Upper
43 100
61 0.1 11.1 16.7#
70 0.0 8.8 13.2#



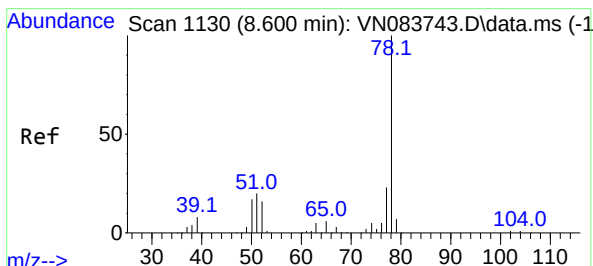
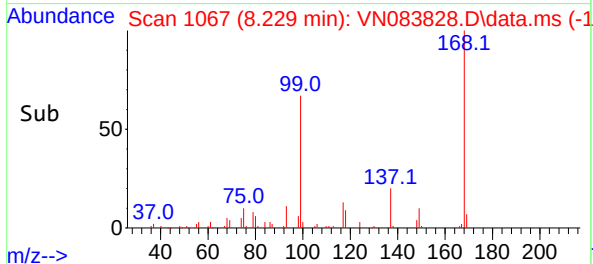
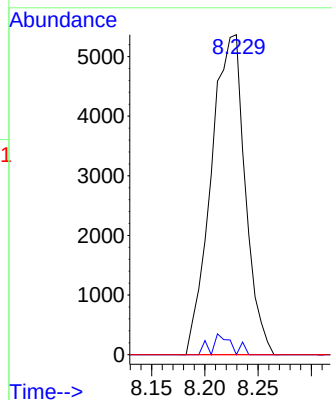


#38
Carbon Tetrachloride
Concen: 4.768 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.130 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

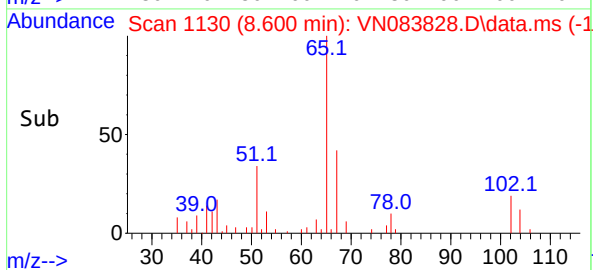
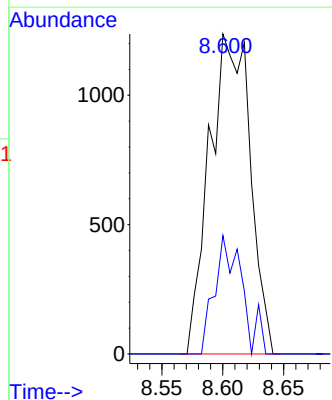
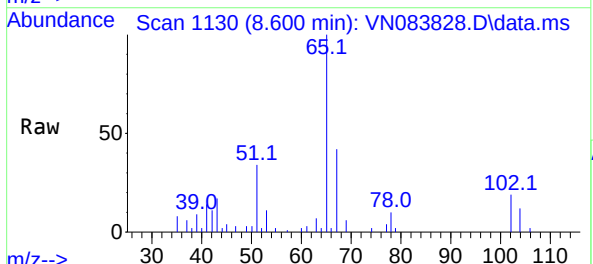


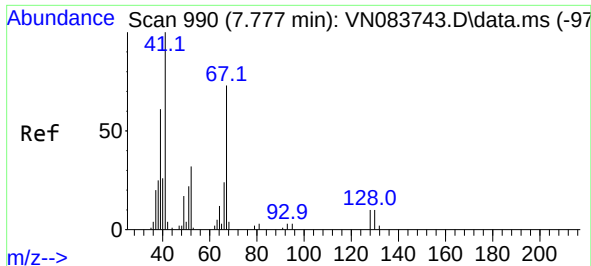
Tgt Ion:117 Resp: 11929
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 24.1 36.1#



#40
Benzene
Concen: 0.433 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 78 Resp: 2877
Ion Ratio Lower Upper
78 100
77 37.0 19.0 28.6#

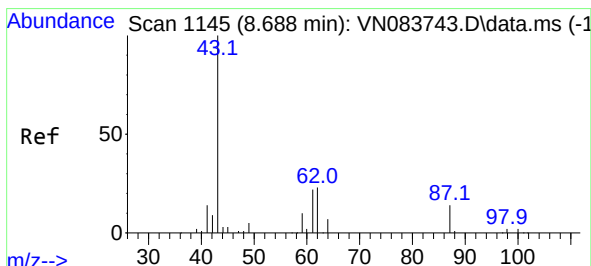
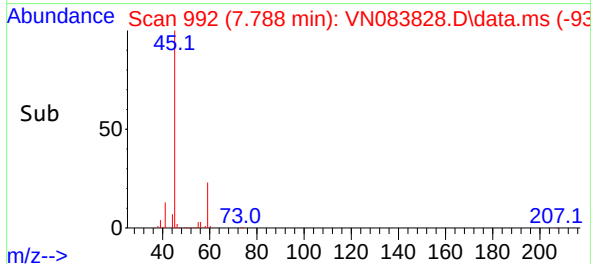
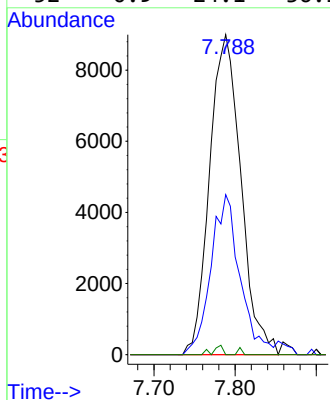
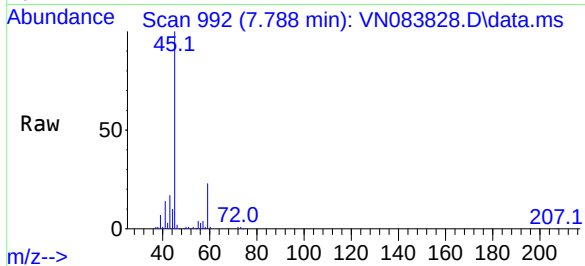




#41
Methacrylonitrile
Concen: 20.361 ug/l
RT: 7.788 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

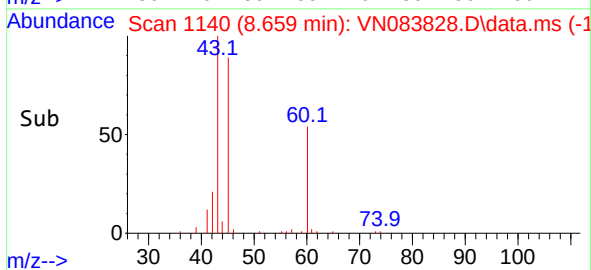
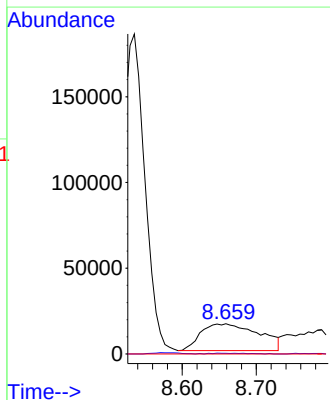
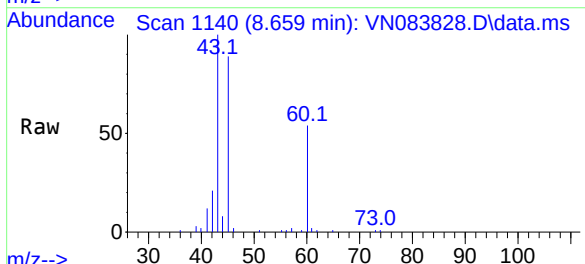
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

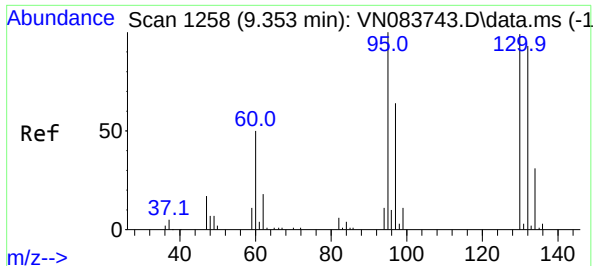
Tgt Ion:	41	Resp:	24108
Ion	Ratio	Lower	Upper
41	100		
39	46.4	45.4	68.2
67	0.0	55.9	83.9#
52	0.9	24.1	36.1#



#43
Isopropyl Acetate
Concen: 23.461 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.030 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion:	43	Resp:	85113
Ion	Ratio	Lower	Upper
43	100		
61	0.9	19.4	29.0#
87	0.0	9.8	14.6#

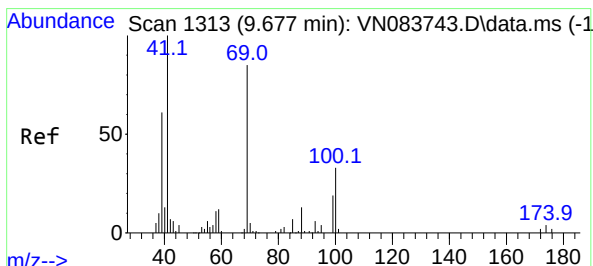
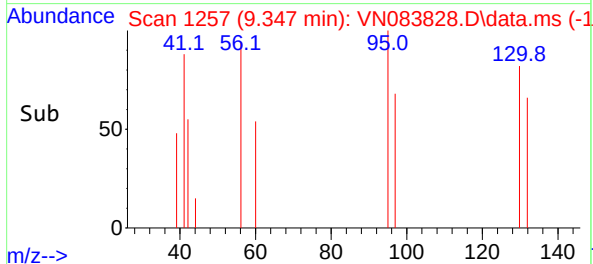
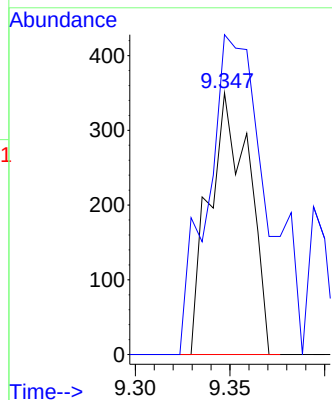
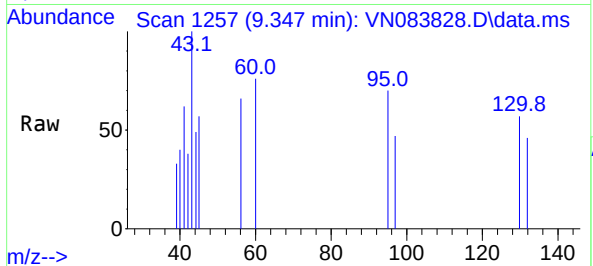




#44
Trichloroethene
Concen: 0.335 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

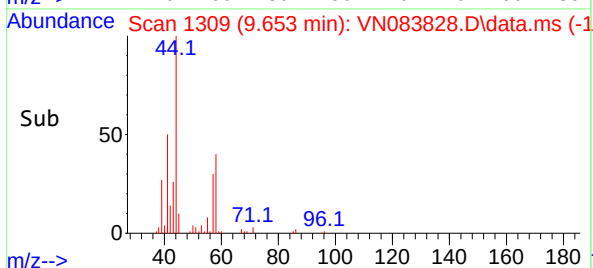
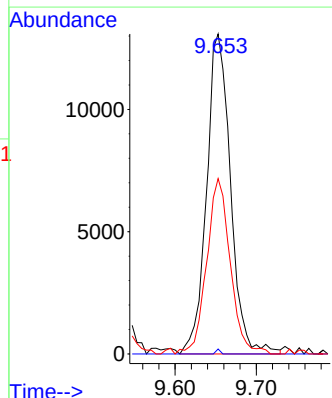
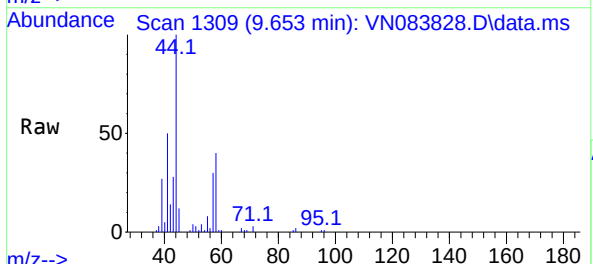
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

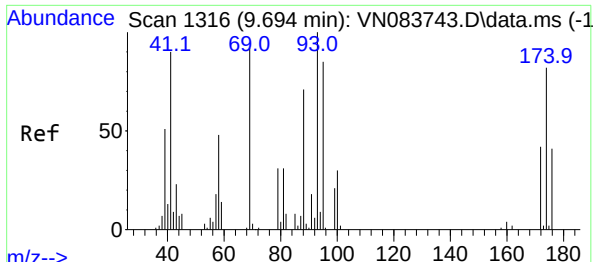
Tgt Ion:130 Resp: 515
Ion Ratio Lower Upper
130 100
95 122.3 0.0 200.4



#48
Methyl methacrylate
Concen: 15.595 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.024 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 41 Resp: 26841
Ion Ratio Lower Upper
41 100
69 0.3 64.3 96.5#
39 54.0 48.9 73.3

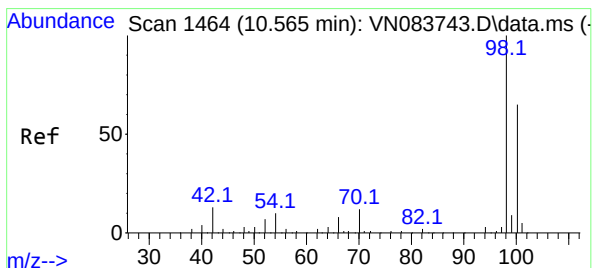
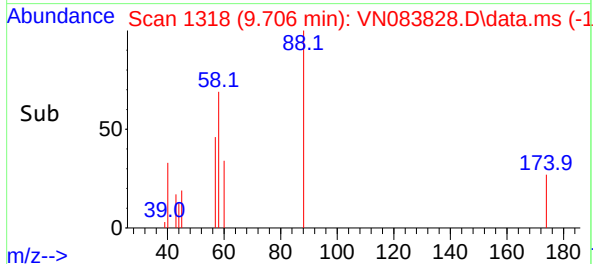
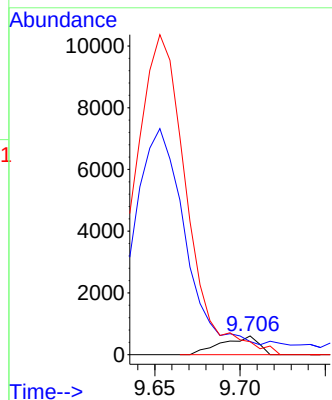
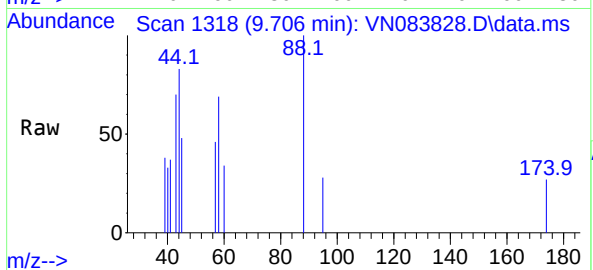




#49
1,4-Dioxane
Concen: 32.104 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

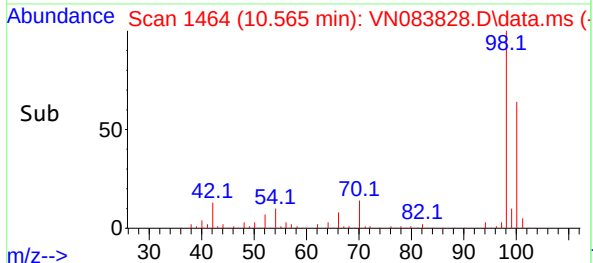
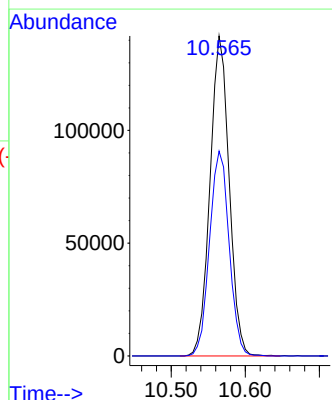
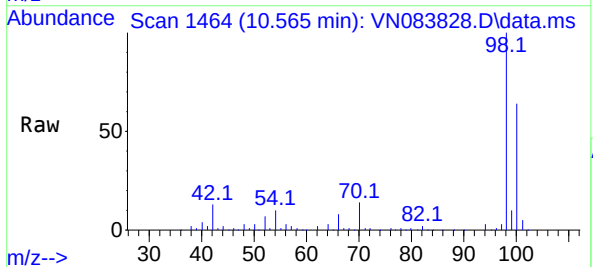
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

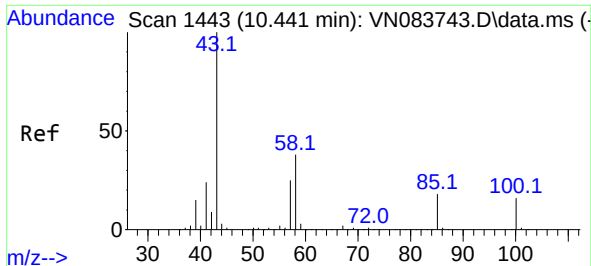
Tgt Ion: 88 Resp: 909
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 57.1 85.7#



#50
Toluene-d8
Concen: 50.280 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 98 Resp: 254698
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

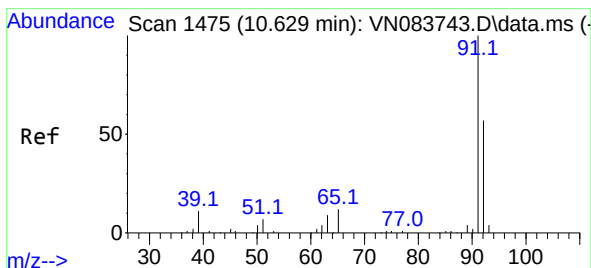
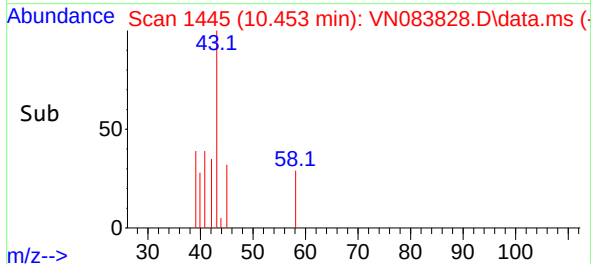
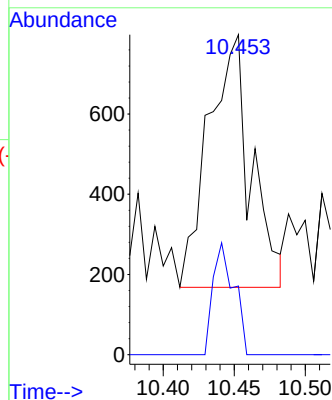
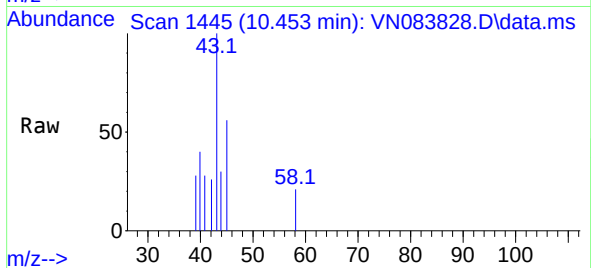




#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.012 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

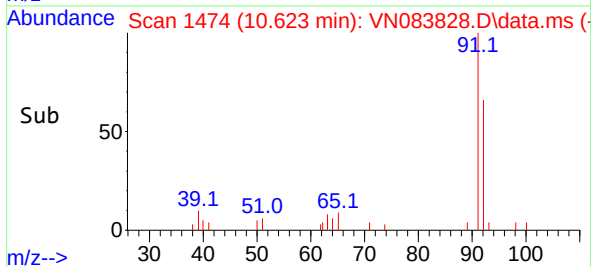
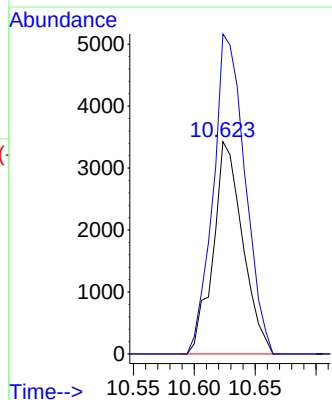
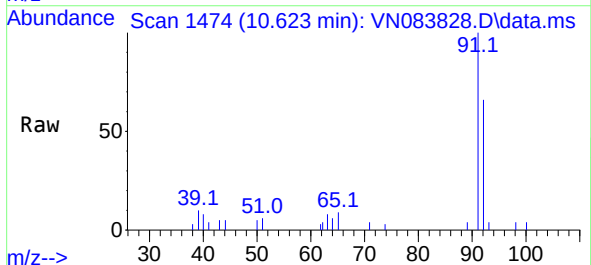
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

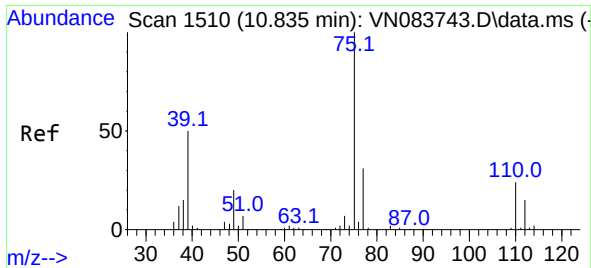
Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
58 21.9 31.6 47.4#



#52
Toluene
Concen: 1.424 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 92 Resp: 5782
Ion Ratio Lower Upper
92 100
91 162.8 134.7 202.1

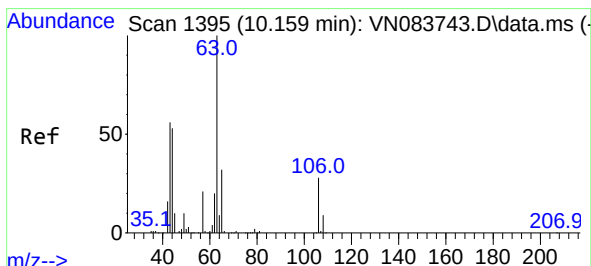
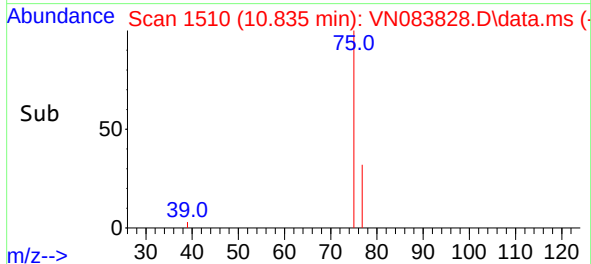
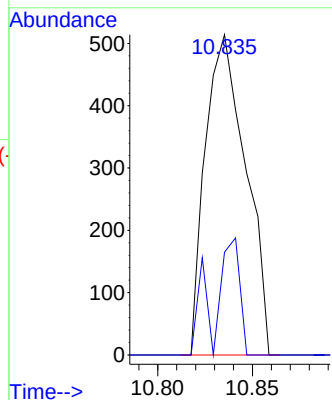
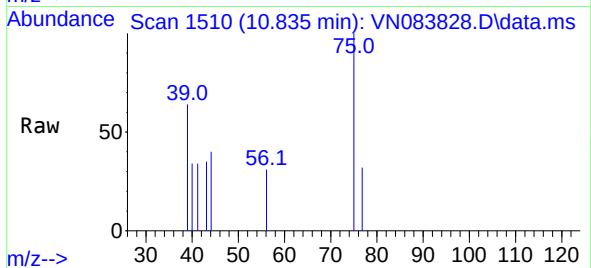




#53
t-1,3-Dichloropropene
Concen: 0.310 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

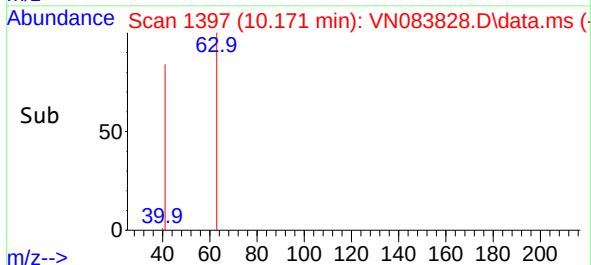
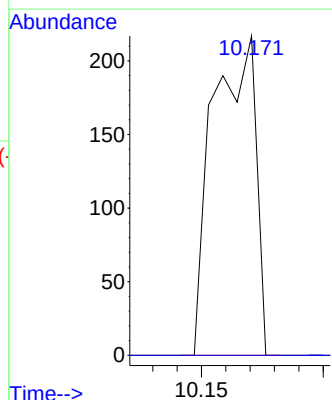
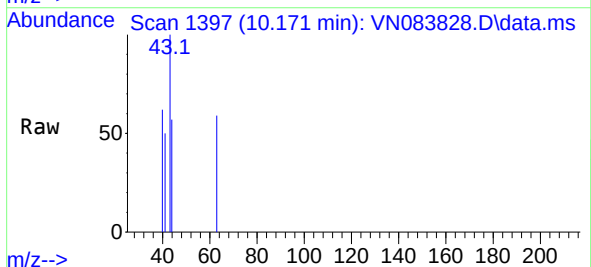
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

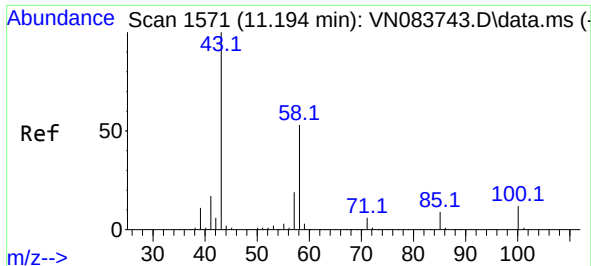
Tgt Ion: 75 Resp: 763
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 0.314 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.012 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 63 Resp: 264
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#

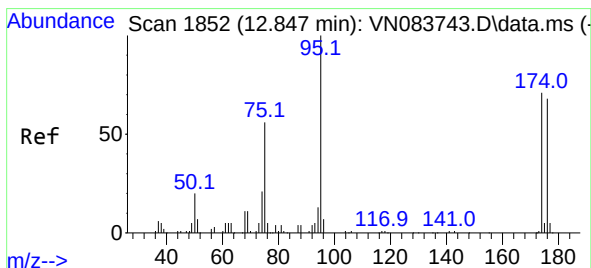
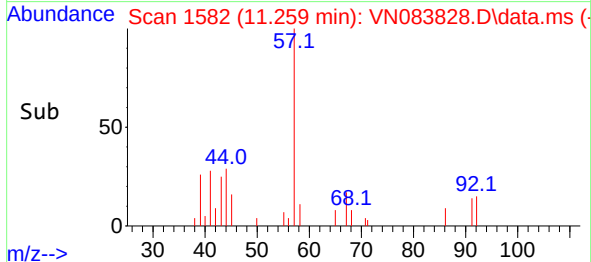
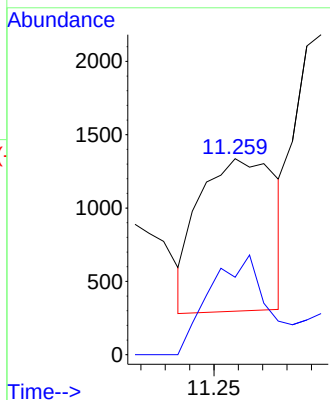
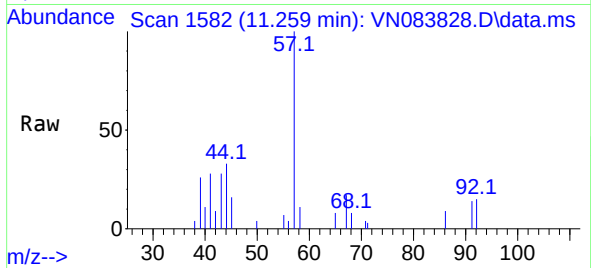




#59
2-Hexanone
Concen: 1.553 ug/l
RT: 11.259 min Scan# 1582
Delta R.T. 0.065 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

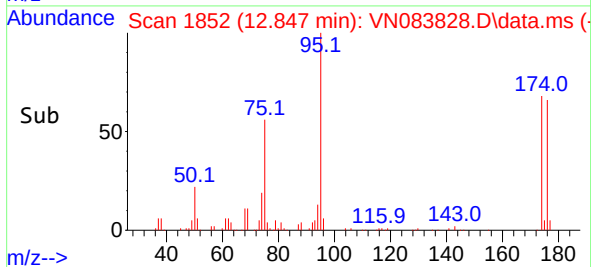
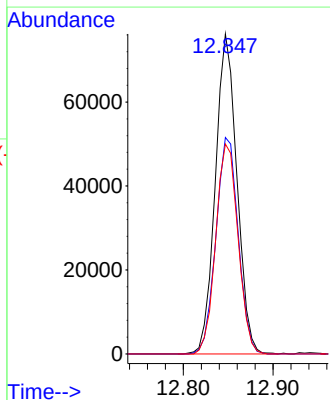
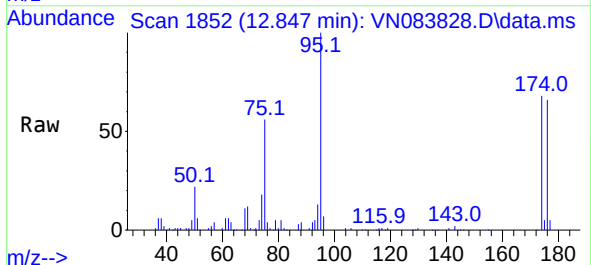
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

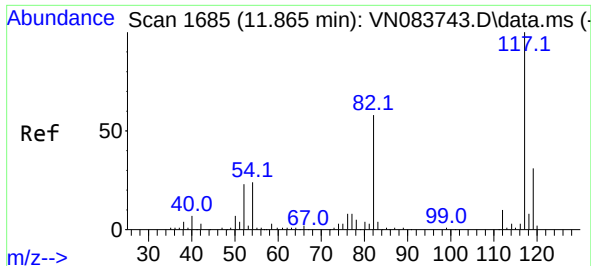
Tgt Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
58 49.8 27.2 81.5



#62
4-Bromofluorobenzene
Concen: 60.880 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 95 Resp: 127236
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 67.7 0.0 131.4

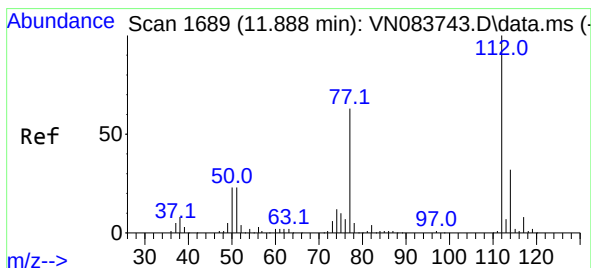
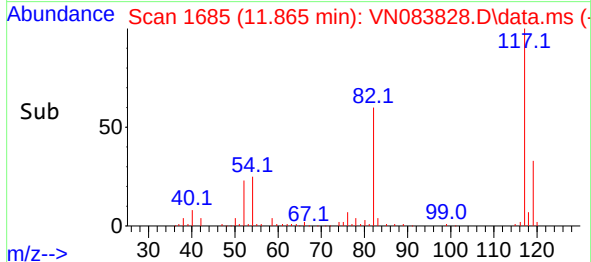
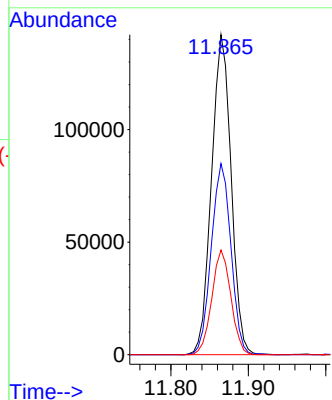
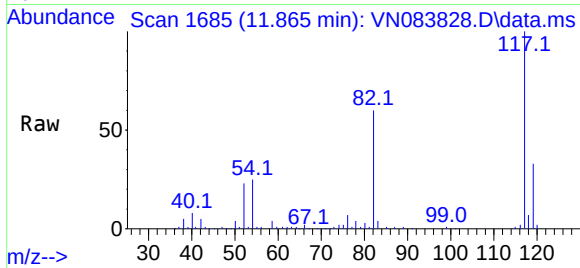




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

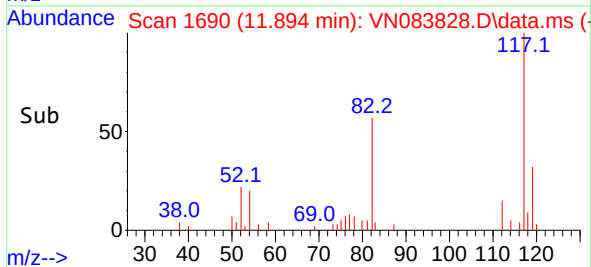
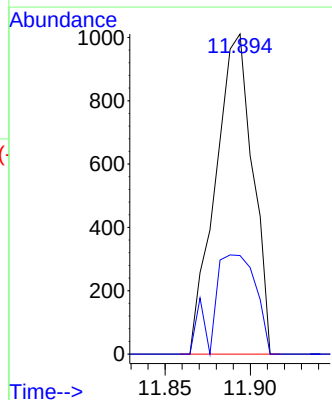
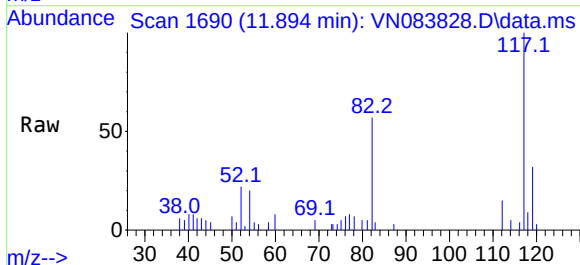
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

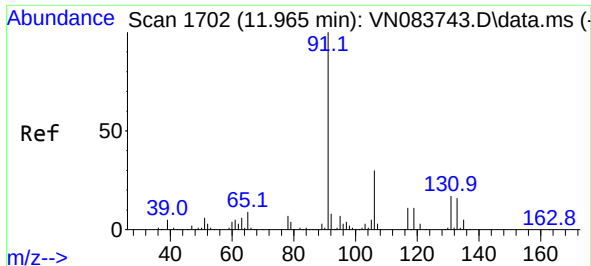
Tgt Ion:117 Resp: 249971
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 32.7 26.3 39.5



#65
Chlorobenzene
Concen: 0.277 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion:112 Resp: 1539
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

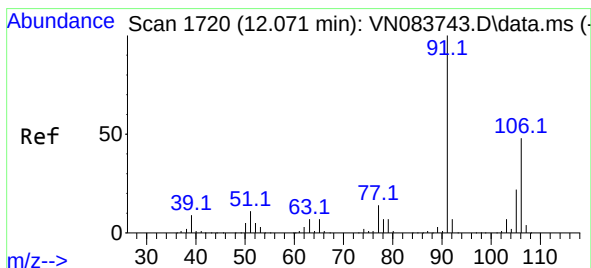
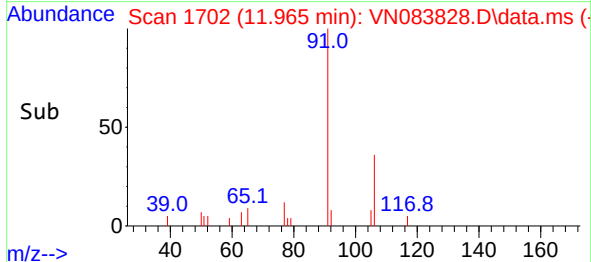
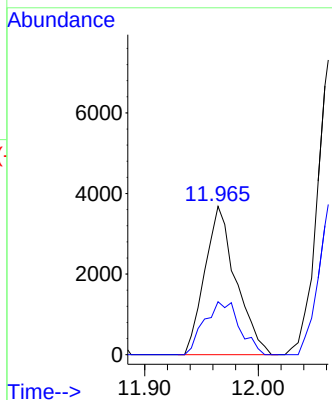
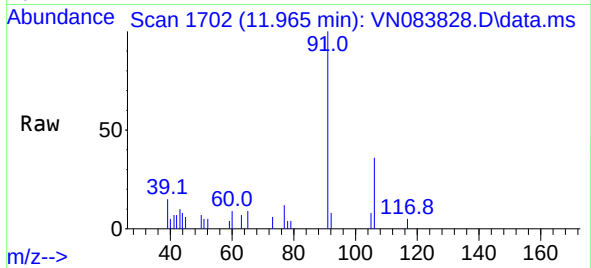




#67
Ethyl Benzene
Concen: 0.713 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

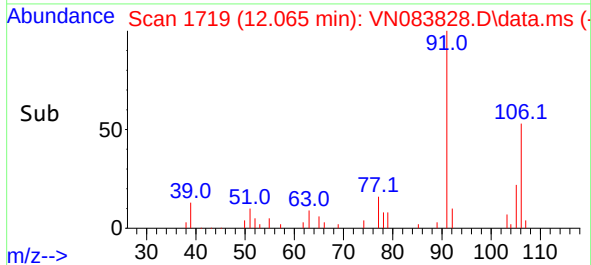
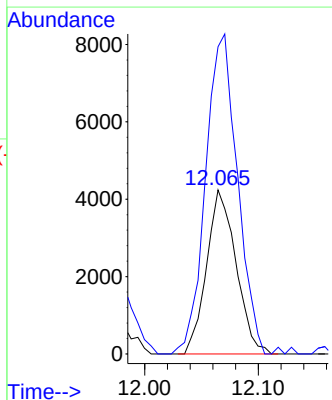
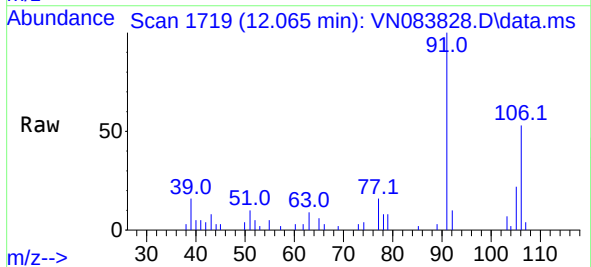
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

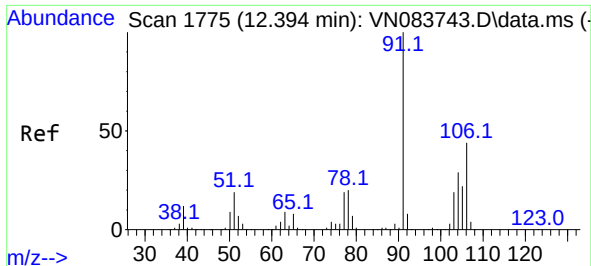
Tgt Ion: 91 Resp: 7038
Ion Ratio Lower Upper
91 100
106 35.7 24.3 36.5



#68
m/p-Xylenes
Concen: 2.083 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 106 Resp: 7632
Ion Ratio Lower Upper
106 100
91 211.4 169.2 253.8





#69

o-Xylene

Concen: 1.024 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN083828.D

Acq: 12 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

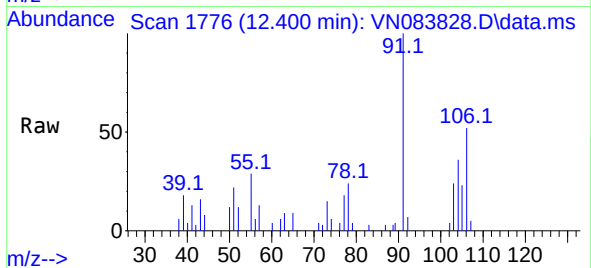
9424-D-FRE

Tgt Ion:106 Resp: 3632

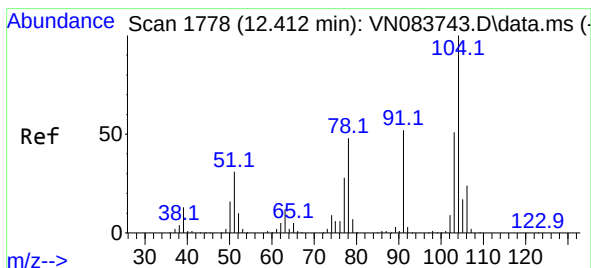
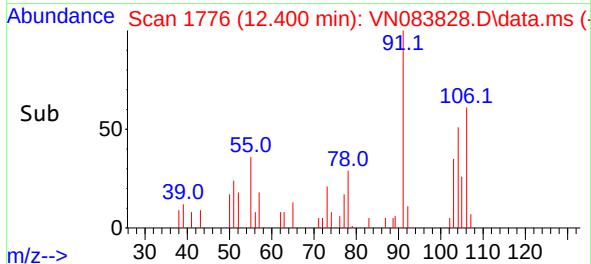
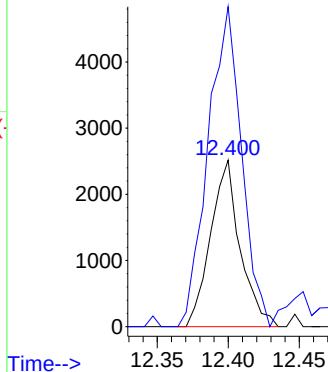
Ion Ratio Lower Upper

106 100

91 218.1 112.9 338.6



Abundance



#70

Styrene

Concen: 0.865 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083828.D

Acq: 12 Sep 2024 13:53

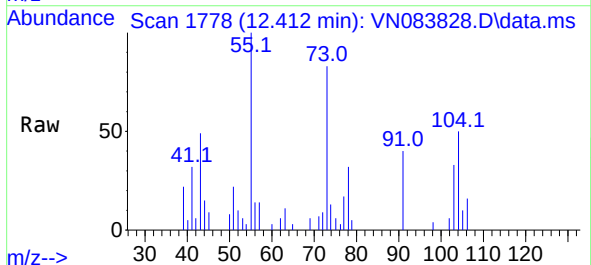
Tgt Ion:104 Resp: 5033

Ion Ratio Lower Upper

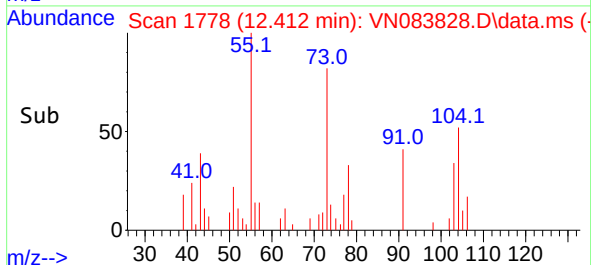
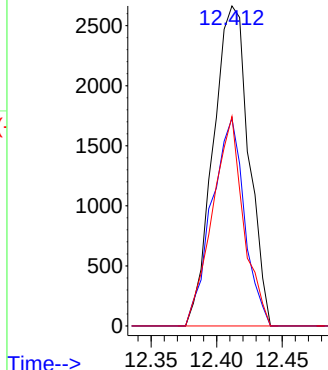
104 100

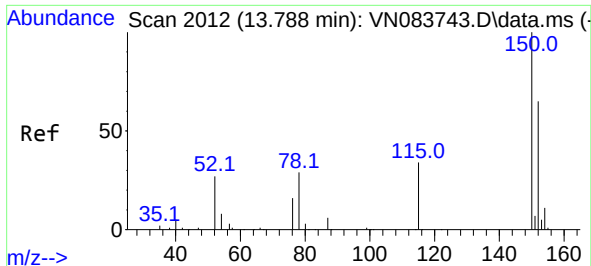
78 59.6 43.3 64.9

103 57.1 43.4 65.2



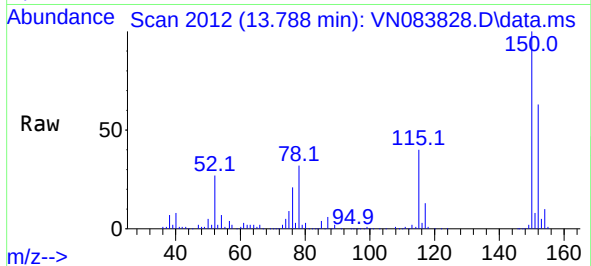
Abundance



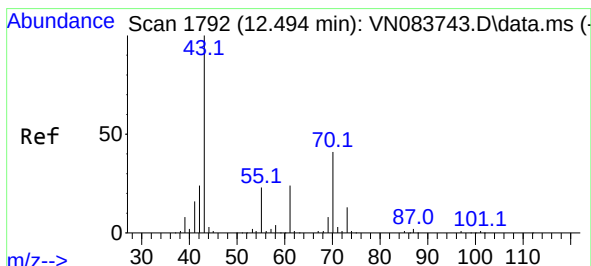
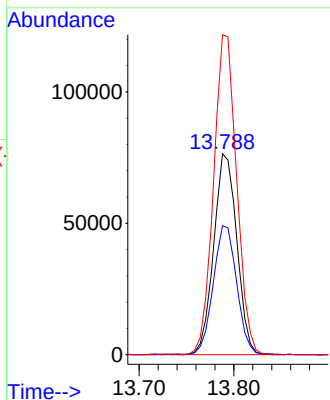
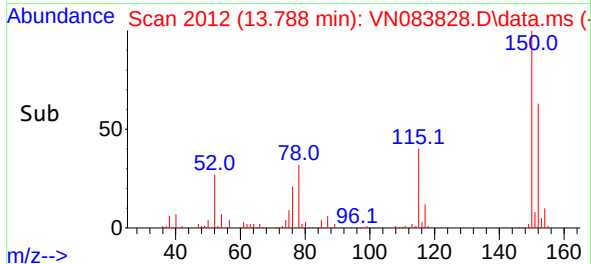


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

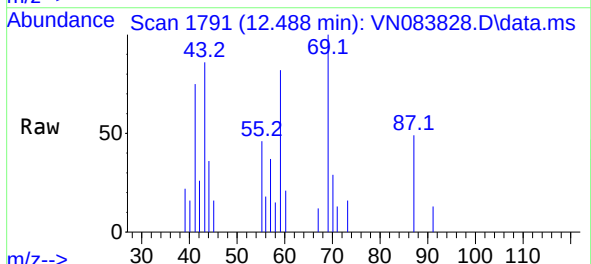
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE



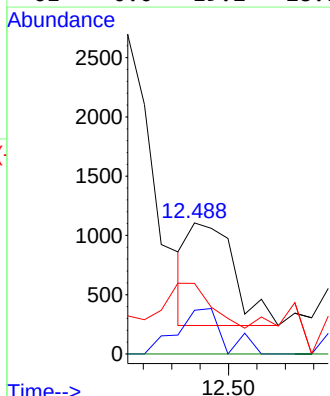
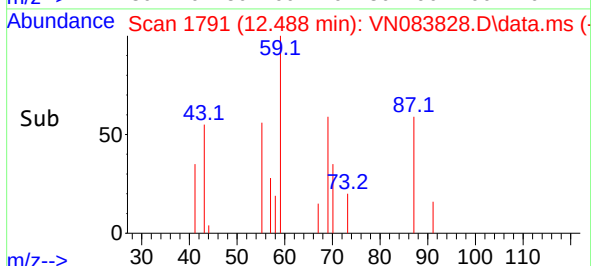
Tgt Ion:152 Resp: 129810
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 159.2 0.0 348.6

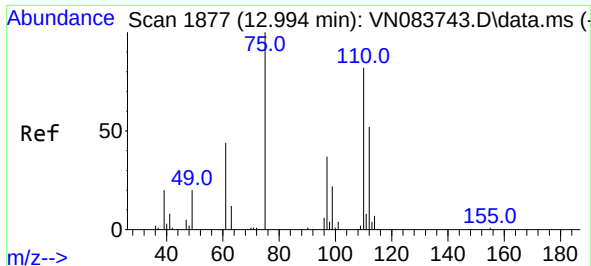


#74
N-ethyl acetate
Concen: 0.225 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53



Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
70 45.3 34.5 51.7
55 64.8 18.6 28.0#
61 0.0 19.2 28.8#

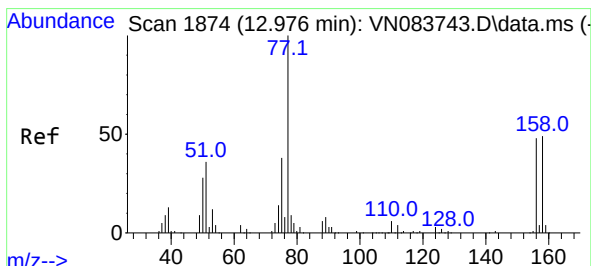
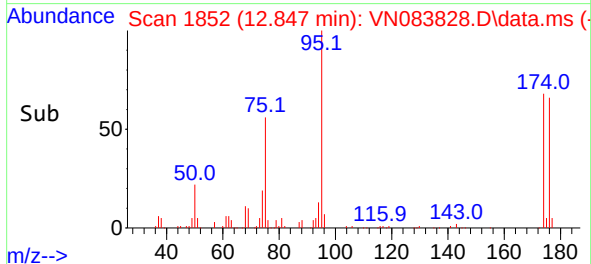
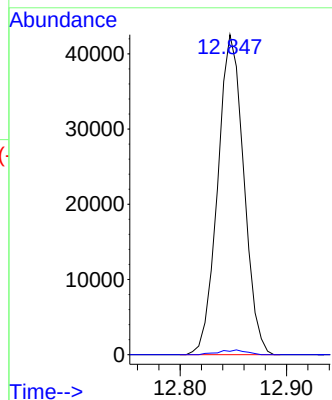
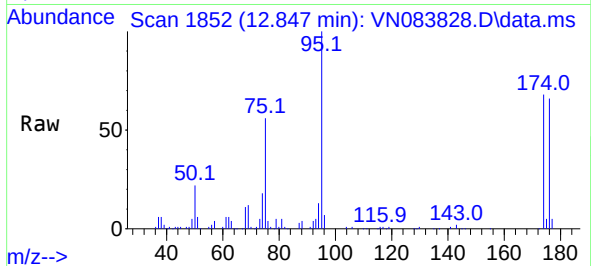




#76
1,2,3-Trichloropropane
Concen: 27.623 ug/l
RT: 12.847 min Scan# 1876
Delta R.T. -0.147 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

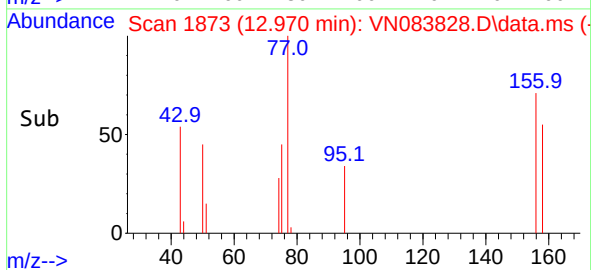
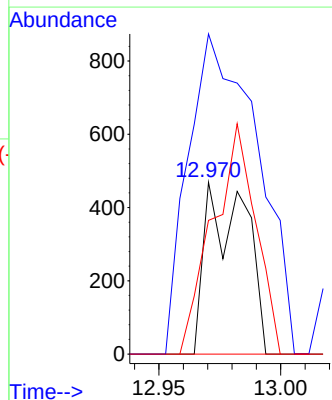
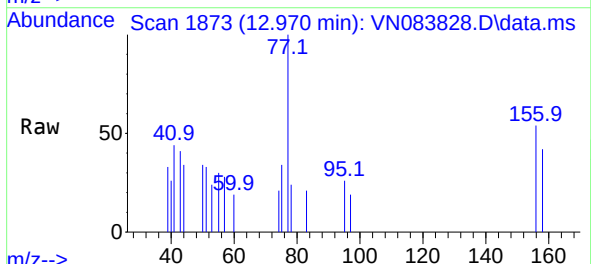
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

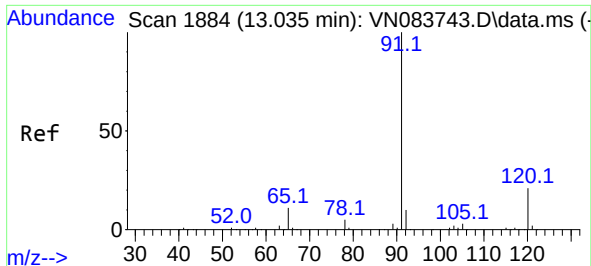
Tgt Ion: 75 Resp: 72353
Ion Ratio Lower Upper
75 100
77 1.5 95.2 285.6#



#77
Bromobenzene
Concen: 0.225 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion:156 Resp: 545
Ion Ratio Lower Upper
156 100
77 317.4 114.3 343.1
158 141.1 48.9 146.7

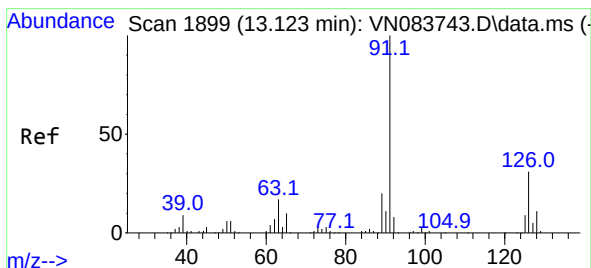
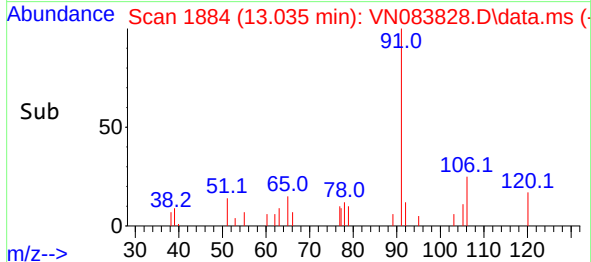
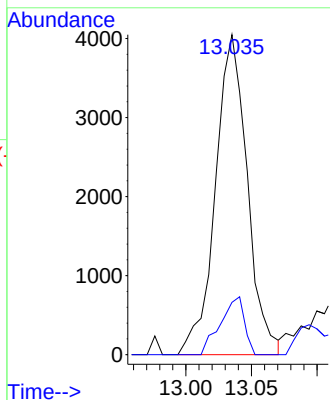
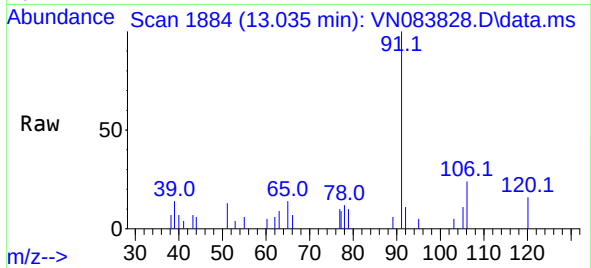




#78
n-propylbenzene
Concen: 0.586 ug/l
RT: 13.035 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

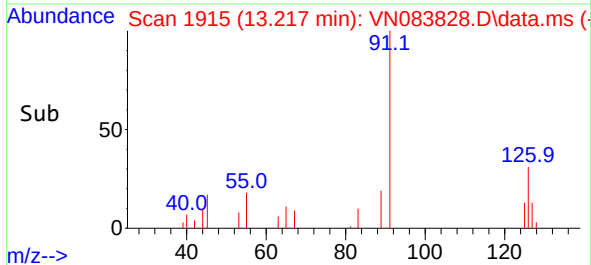
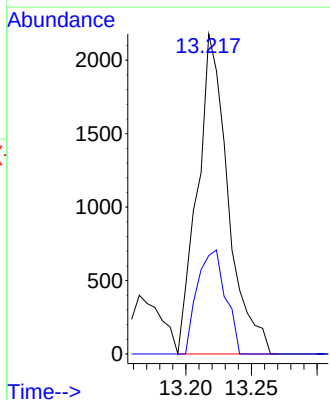
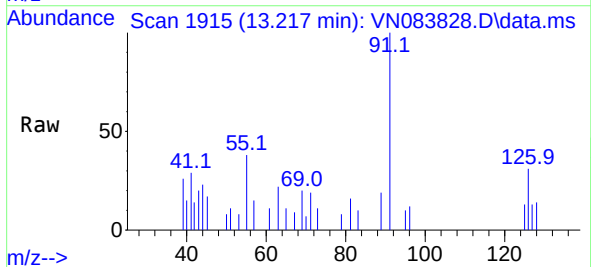
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

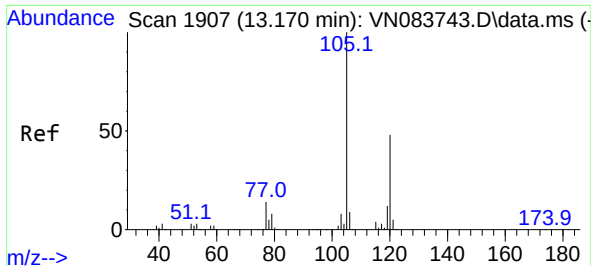
Tgt Ion: 91 Resp: 6842
Ion Ratio Lower Upper
91 100
120 13.6 11.0 33.0



#79
2-Chlorotoluene
Concen: 0.474 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.094 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 91 Resp: 3532
Ion Ratio Lower Upper
91 100
126 30.0 15.4 46.2

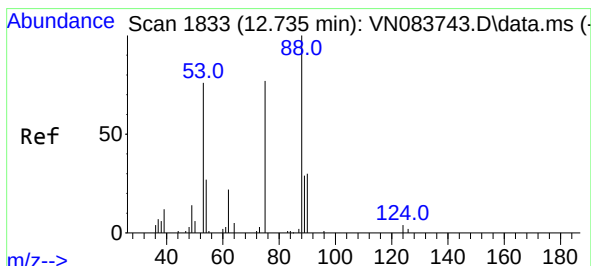
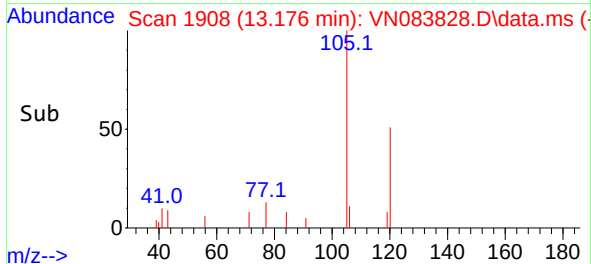
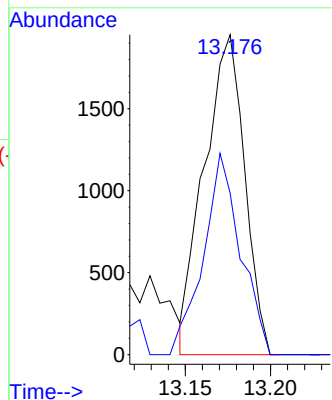
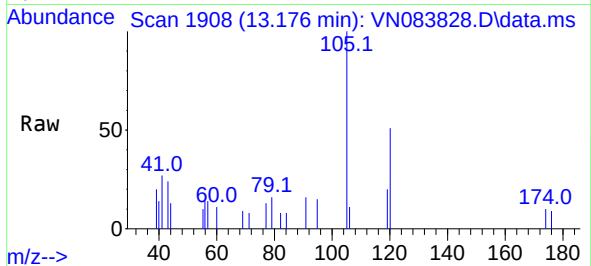




#80
1,3,5-Trimethylbenzene
Concen: 0.381 ug/l
RT: 13.176 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

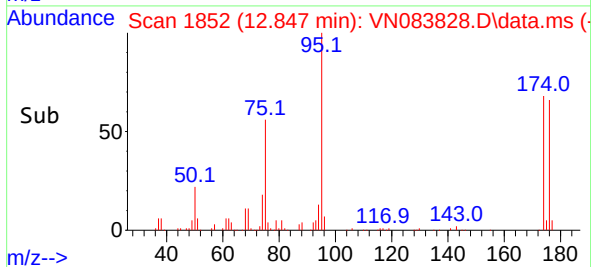
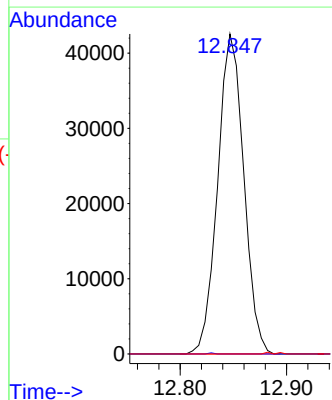
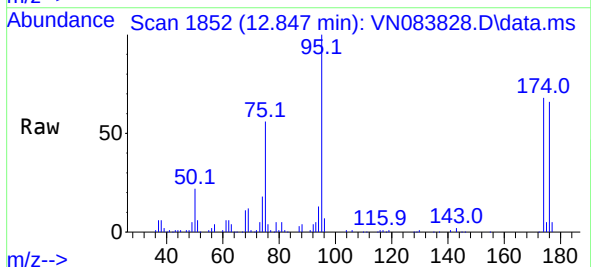
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

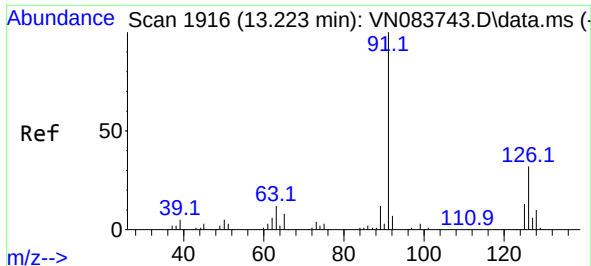
Tgt Ion:105 Resp: 3223
Ion Ratio Lower Upper
105 100
120 57.7 23.4 70.3



#81
trans-1,4-Dichloro-2-butene
Concen: 72.346 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 75 Resp: 72353
Ion Ratio Lower Upper
75 100
53 0.1 81.2 121.8#
89 0.0 35.7 53.5#

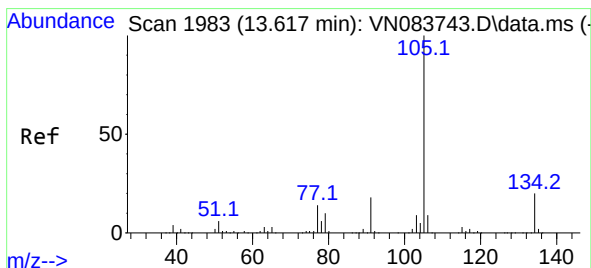
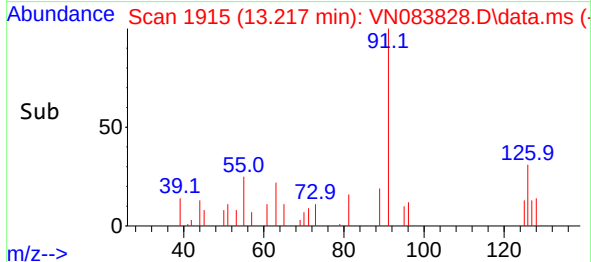
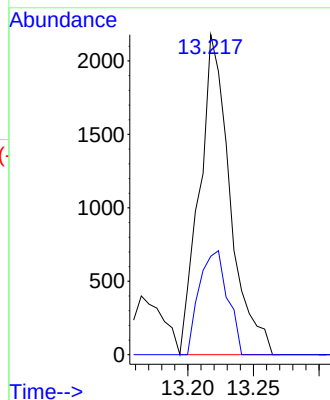
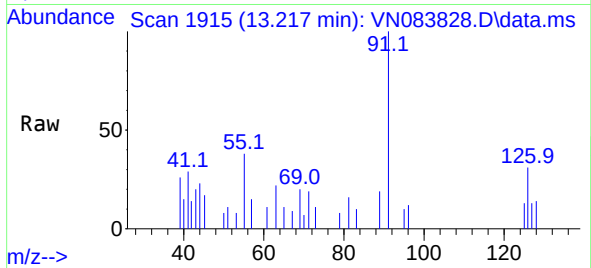




#82
4-Chlorotoluene
Concen: 0.472 ug/l
RT: 13.217 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

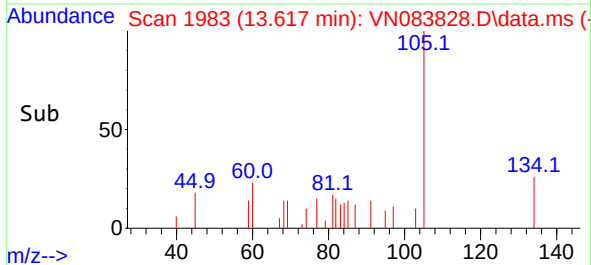
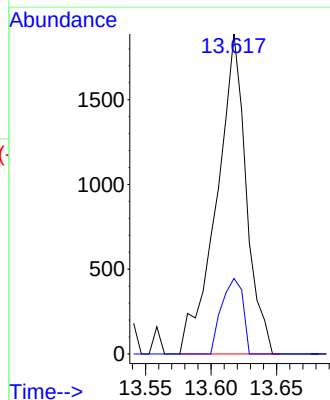
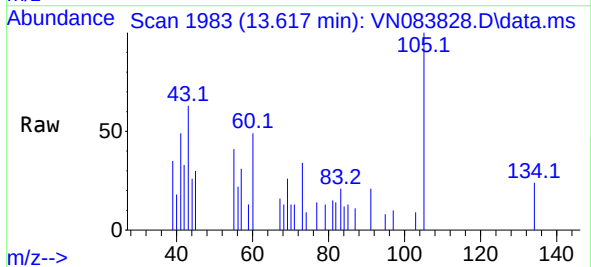
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

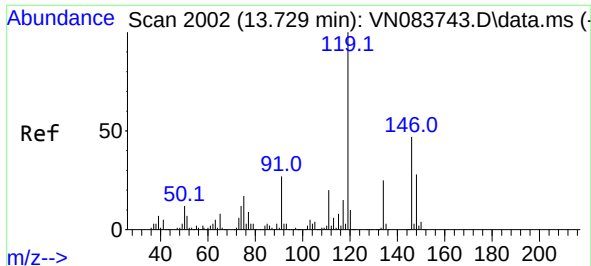
Tgt Ion: 91 Resp: 3532
Ion Ratio Lower Upper
91 100
126 30.0 15.4 46.2



#85
sec-Butylbenzene
Concen: 0.301 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

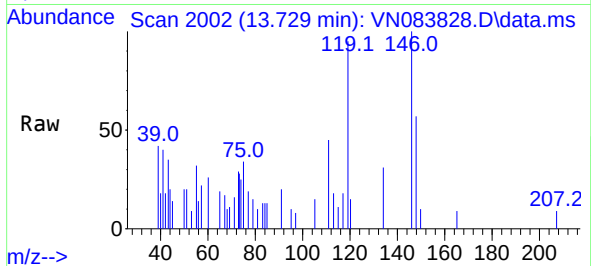
Tgt Ion: 105 Resp: 2957
Ion Ratio Lower Upper
105 100
134 16.9 9.7 29.1





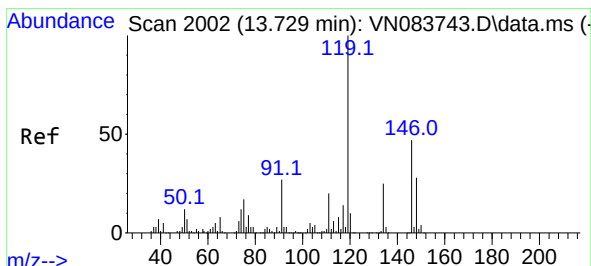
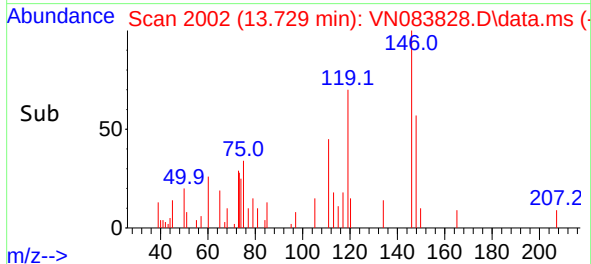
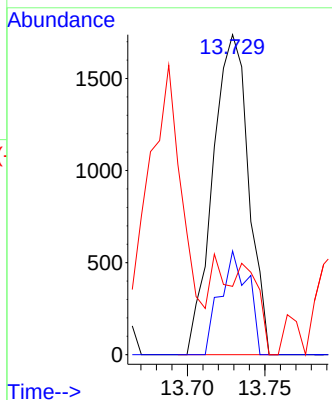
#86
p-Isopropyltoluene
Concen: 0.339 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE



Tgt Ion:119 Resp: 2794

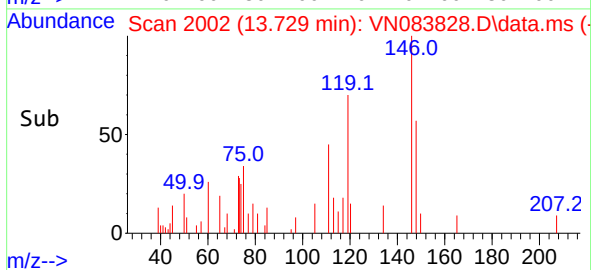
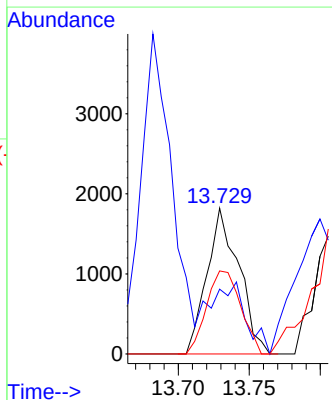
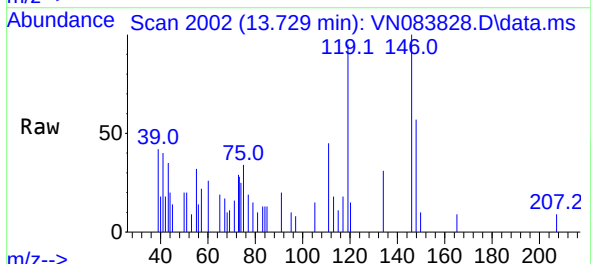
Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.3
91	6.9	12.9	38.7#

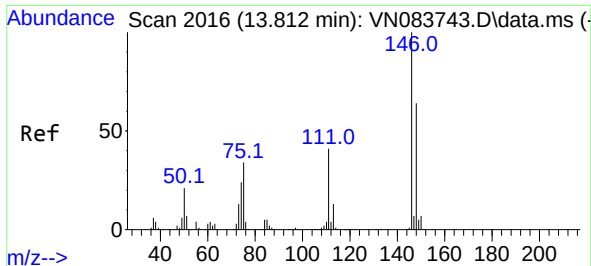


#87
1,3-Dichlorobenzene
Concen: 0.623 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion:146 Resp: 2842

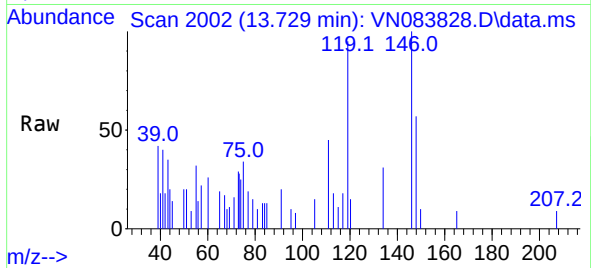
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.7	65.1
148	60.9	31.7	95.1



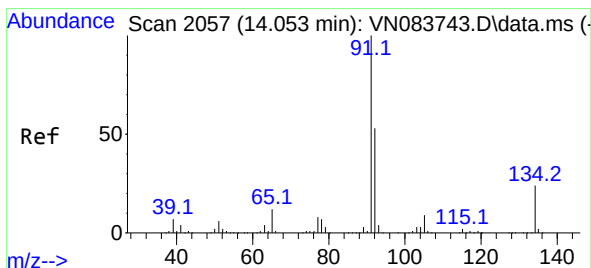
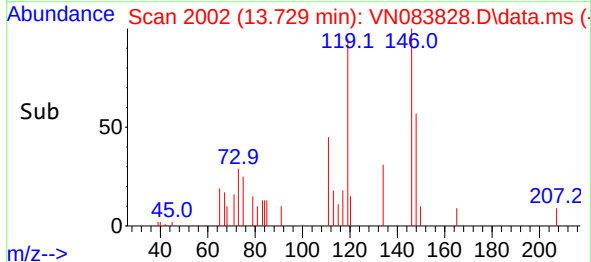
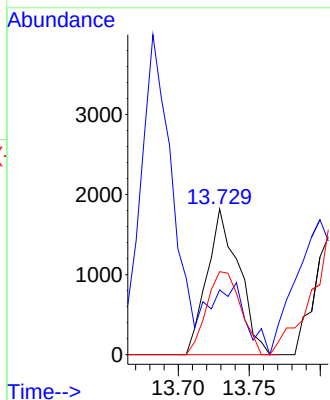


#88
1,4-Dichlorobenzene
Concen: 0.615 ug/l
RT: 13.729 min Scan# 2016
Delta R.T. -0.082 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

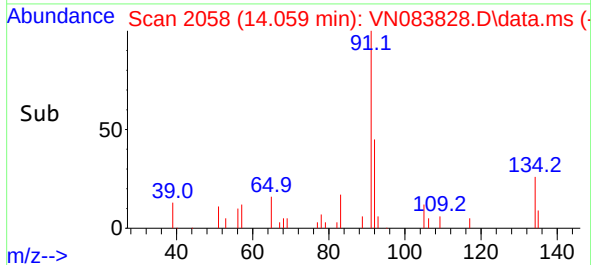
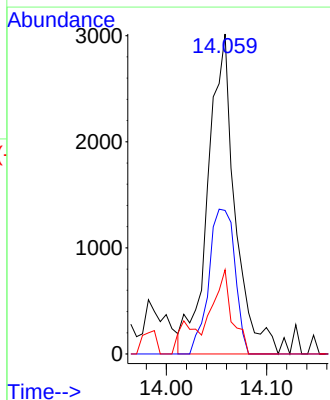
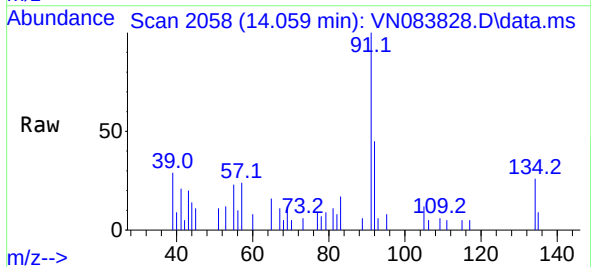


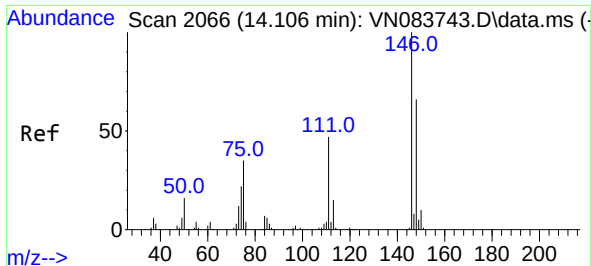
Tgt Ion:146 Resp: 2842
Ion Ratio Lower Upper
146 100
111 42.0 21.3 64.0
148 60.9 32.0 96.2



#89
n-Butylbenzene
Concen: 0.767 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion: 91 Resp: 5669
Ion Ratio Lower Upper
91 100
92 43.5 26.7 80.1
134 18.7 12.2 36.4





#91

1,2-Dichlorobenzene

Concen: 0.539 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN083828.D

Acq: 12 Sep 2024 13:53

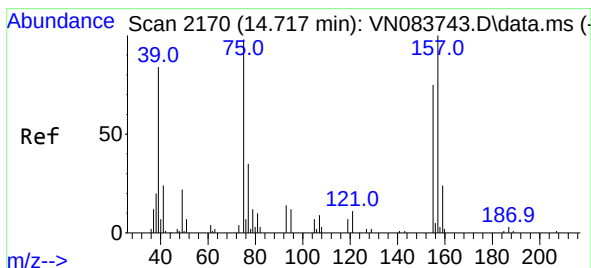
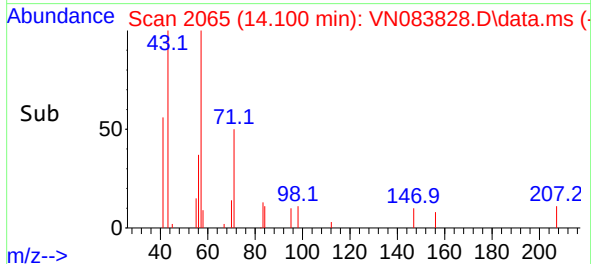
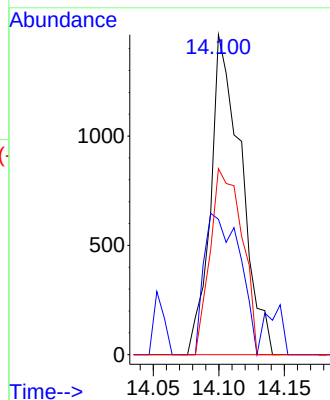
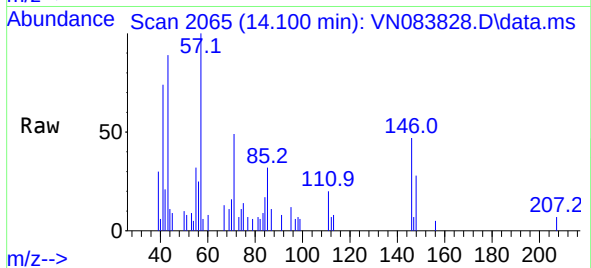
Instrument :

MSVOA_N

ClientSampleId :

9424-D-FRE

Tgt Ion:	146	Resp:	2374
Ion	Ratio	Lower	Upper
146	100		
111	51.2	22.8	68.3
148	60.7	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.529 ug/l

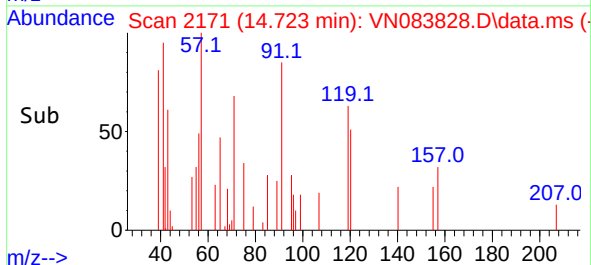
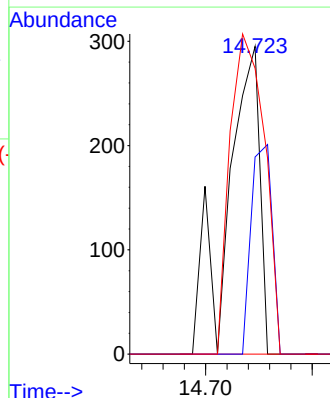
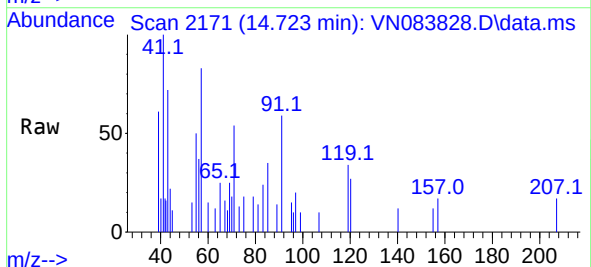
RT: 14.723 min Scan# 2171

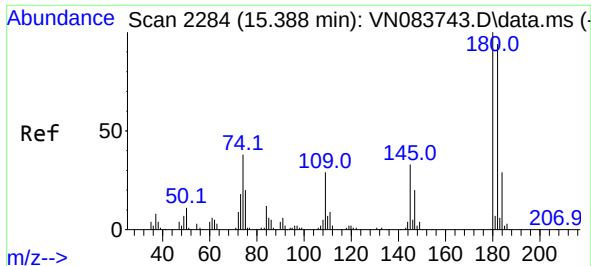
Delta R.T. 0.006 min

Lab File: VN083828.D

Acq: 12 Sep 2024 13:53

Tgt Ion:	75	Resp:	311
Ion	Ratio	Lower	Upper
75	100		
155	44.4	35.9	107.7
157	111.6	47.5	142.5

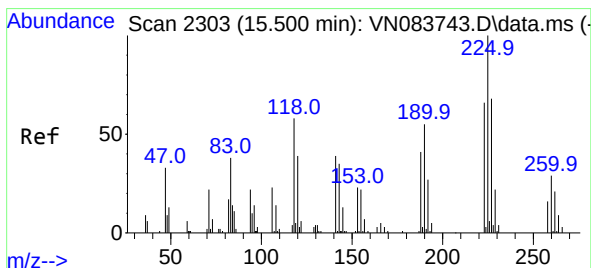
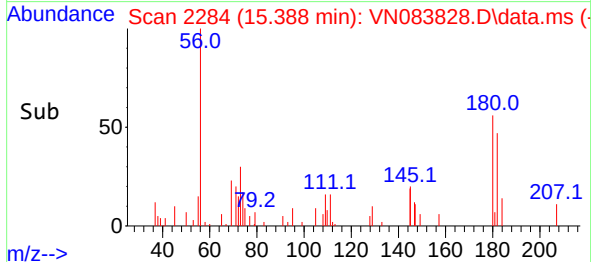
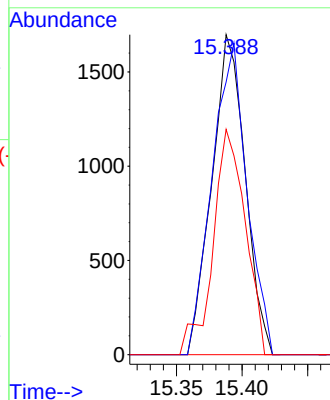
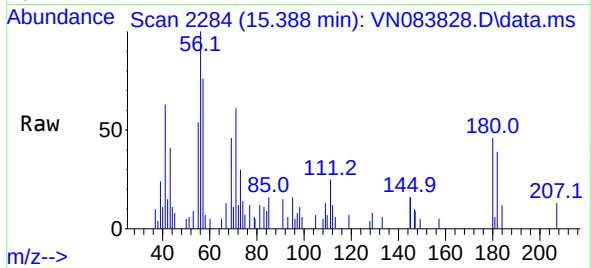




#93
1,2,4-Trichlorobenzene
Concen: 1.272 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

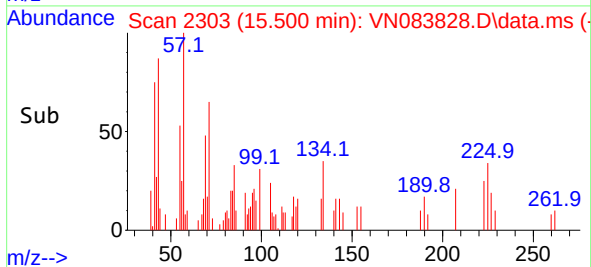
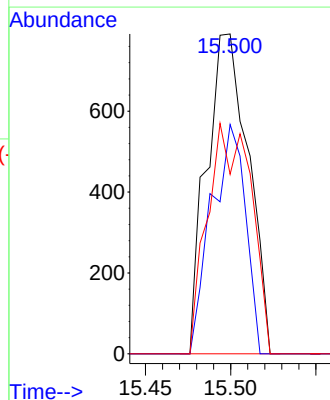
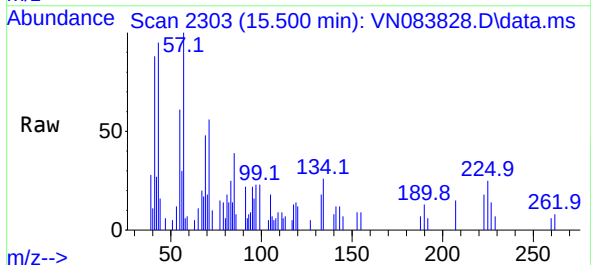
Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

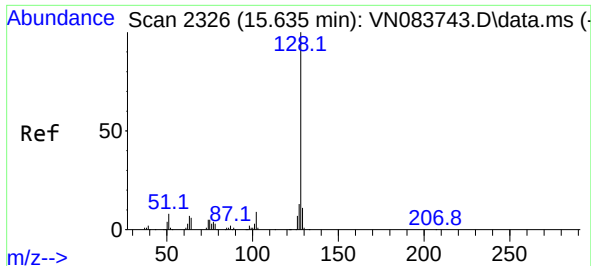
Tgt Ion:180 Resp: 3005
Ion Ratio Lower Upper
180 100
182 101.8 48.1 144.3
145 67.9 16.9 50.7#



#94
Hexachlorobutadiene
Concen: 1.344 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion:225 Resp: 1349
Ion Ratio Lower Upper
225 100
223 58.3 31.9 95.5
227 74.9 32.0 96.2

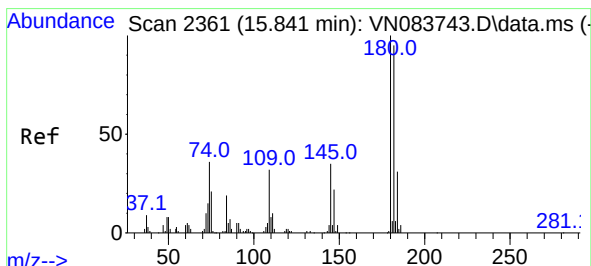
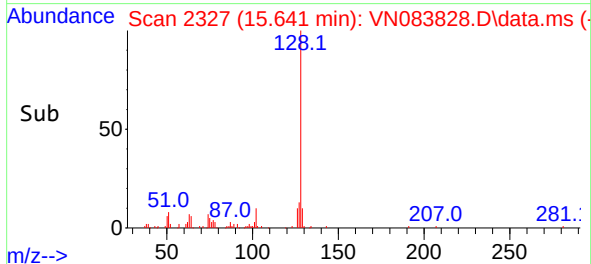
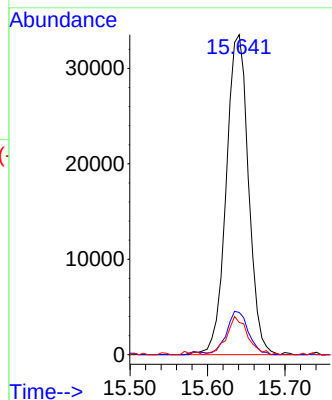
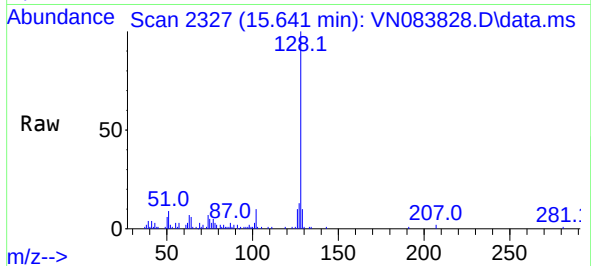




#95
Naphthalene
Concen: 9.335 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
9424-D-FRE

Tgt Ion:	128	Resp:	67105
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.068 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083828.D
Acq: 12 Sep 2024 13:53

Tgt Ion:	180	Resp:	2411
Ion	Ratio	Lower	Upper
180	100		
182	104.4	47.1	141.4
145	44.7	17.8	53.5

