

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085280.D
 Acq On : 20 Dec 2024 13:42
 Operator : JC\MD
 Sample : VN1220WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01

Quant Time: Dec 21 02:23:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28666	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	153928	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	142114	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76972	30.524	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.733%
60) 4-Bromofluorobenzene	12.847	95	69975	30.397	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.333%
63) Toluene-d8	10.565	98	206382	29.741	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.133%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47331	19.747	ug/l	97
3) Chloromethane	2.354	50	47013	19.427	ug/l	98
4) Vinyl Chloride	2.512	62	45828	18.650	ug/l	99
5) Bromomethane	2.959	94	28253	19.668	ug/l	94
6) Chloroethane	3.118	64	29005	18.699	ug/l	90
7) Trichlorofluoromethane	3.495	101	66062	19.569	ug/l	98
8) Diethyl Ether	3.959	74	23726	20.407	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	37278	19.230	ug/l	99
10) 1,1-Dichloroethene	4.336	96	34705	19.597	ug/l	97
11) Methyl Iodide	4.589	142	42006	19.792	ug/l	98
12) Methyl Acetate	5.024	43	56792	21.474	ug/l	95
13) Acrolein	4.183	56	22909	97.034	ug/l	97
14) Acrylonitrile	5.712	53	103508	101.194	ug/l #	79
15) Acetone	4.424	58	28073	108.799	ug/l	98
16) Carbon Disulfide	4.706	76	102625	19.064	ug/l	99
17) Allyl chloride	5.018	41	57014	19.902	ug/l	99
18) Methylene Chloride	5.277	84	42040	19.922	ug/l	99
19) trans-1,2-Dichloroethene	5.789	96	36515	19.825	ug/l	97
20) Diisopropyl ether	6.665	45	132672	20.208	ug/l	99
21) 1,1-Dichloroethane	6.565	63	76153	19.841	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	43297	19.740	ug/l	98
23) tert-Butyl Alcohol	5.524	59	39058	115.864	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	118953	20.465	ug/l #	78
25) Chloroform	7.965	83	78645	20.214	ug/l	94
26) Cyclohexane	8.253	56	55069	18.818	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	50761	18.994	ug/l	99
30) 2-Butanone	7.483	43	148754	105.447	ug/l	99
31) 2,2-Dichloropropane	7.488	77	65790	19.427	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	66041	19.009	ug/l	99
33) Carbon Tetrachloride	8.359	117	57874	19.029	ug/l	94
34) Benzene	8.606	78	159816	18.918	ug/l	97
35) Methacrylonitrile	7.777	41	32449	20.779	ug/l	93
36) 1,2-Dichloroethane	8.671	62	58160	19.039	ug/l	99
37) Trichloroethene	9.347	130	36132	19.440	ug/l	91
38) Methylcyclohexane	9.600	83	49886	18.038	ug/l	96
39) 1,2-Dichloropropane	9.618	63	40742	18.956	ug/l	97
40) Dibromomethane	9.706	93	29056	19.390	ug/l	100
41) Bromodichloromethane	9.888	83	61614	19.675	ug/l	98
42) Vinyl Acetate	6.600	43	497120	99.831	ug/l	100

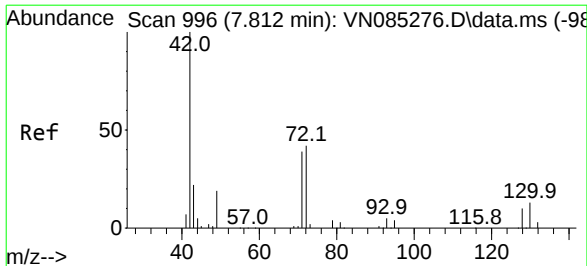
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	61269	21.002	ug/l	98
44) Isopropyl Acetate	8.688	43	96725	19.958	ug/l	100
45) 1,4-Dioxane	9.694	88	16415	435.471	ug/l	98
46) Methyl methacrylate	9.677	41	43709	19.430	ug/l	95
47) n-amyl Acetate	12.494	43	79962	19.368	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	59538	19.247	ug/l	97
49) cis-1,3-Dichloropropene	10.306	75	64556	19.412	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	38437	19.613	ug/l	94
51) Ethyl methacrylate	10.877	69	58914	19.875	ug/l	88
52) 1,3-Dichloropropane	11.165	76	68304	19.966	ug/l	97
53) Dibromochloromethane	11.359	129	43692	19.027	ug/l	100
54) 1,2-Dibromoethane	11.471	107	36864	19.437	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	130171	85.255	ug/l	99
56) Bromoform	12.576	173	28048	18.723	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	302374	104.954	ug/l	99
59) 2-Hexanone	11.194	43	219534	104.893	ug/l	99
61) Tetrachloroethene	11.100	164	30155	19.007	ug/l	97
62) Toluene	10.629	91	169481	19.412	ug/l	99
64) Chlorobenzene	11.888	112	101671	19.308	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	37794	19.791	ug/l	97
66) Ethyl Benzene	11.965	91	171895	18.711	ug/l	99
67) m/p-Xylenes	12.071	106	133083	38.614	ug/l	99
68) o-Xylene	12.400	106	61439	18.715	ug/l	99
69) Styrene	12.412	104	105884	19.085	ug/l	99
70) Isopropylbenzene	12.694	105	157181	19.068	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	56612	19.363	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	53362m	21.445	ug/l	
73) Bromobenzene	12.982	156	39178	19.238	ug/l	98
74) n-propylbenzene	13.035	91	194748	18.963	ug/l	100
75) 2-Chlorotoluene	13.123	91	122836	19.855	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	132872	18.891	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	18989	18.672	ug/l	99
78) 4-Chlorotoluene	13.218	91	120464	19.151	ug/l	98
79) tert-butylbenzene	13.435	119	105552	18.350	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	134600	19.225	ug/l	98
81) sec-Butylbenzene	13.618	105	156413	18.834	ug/l	99
82) p-Isopropyltoluene	13.729	119	128939	18.852	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	73327	19.307	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	73765	20.075	ug/l	95
85) n-Butylbenzene	14.053	91	107294	18.170	ug/l	99
86) Hexachloroethane	14.329	117	26600	18.116	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	71122	19.711	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10760	20.160	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	34236	20.028	ug/l	100
90) Hexachlorobutadiene	15.500	225	16736	19.641	ug/l	90
91) Naphthalene	15.641	128	105853	19.273	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	34236	20.028	ug/l	100

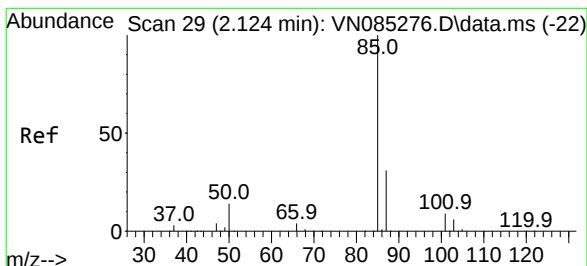
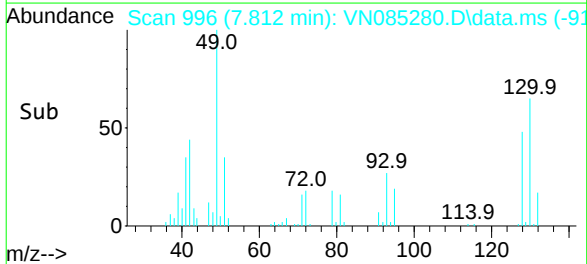
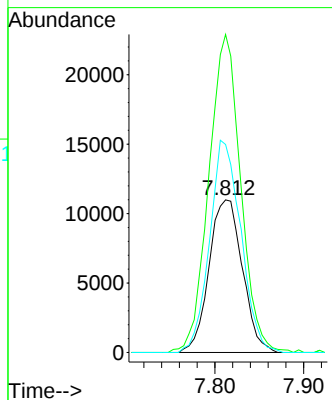
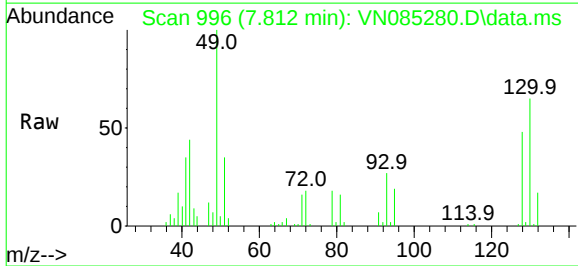
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

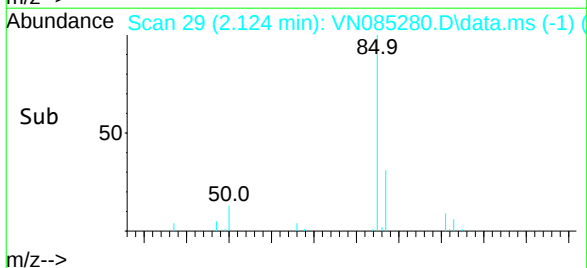
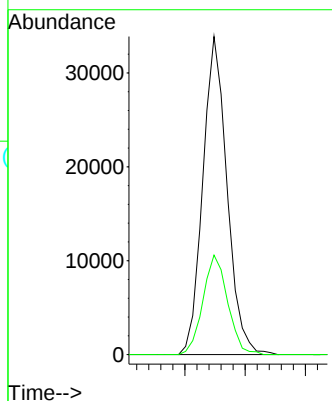
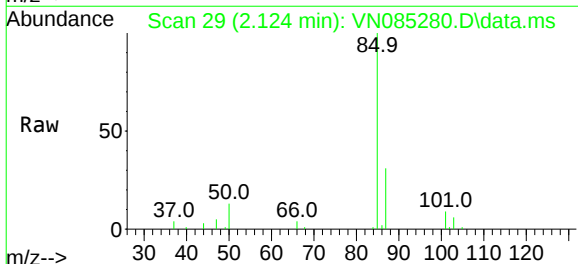
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

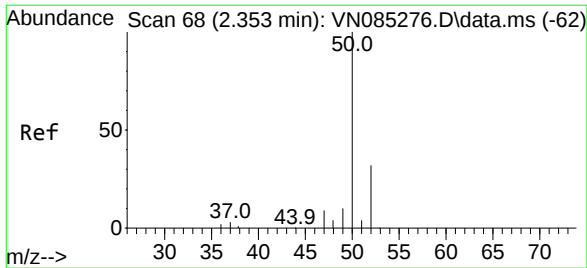
Tgt Ion	Ratio	Lower	Upper
128	100		
49	198.8	0.0	497.8
130	130.7	0.0	328.5



#2
Dichlorodifluoromethane
Concen: 19.747 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.5	49.5

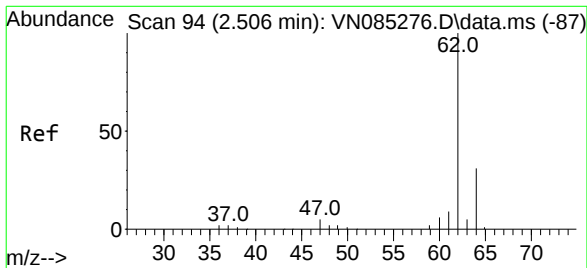
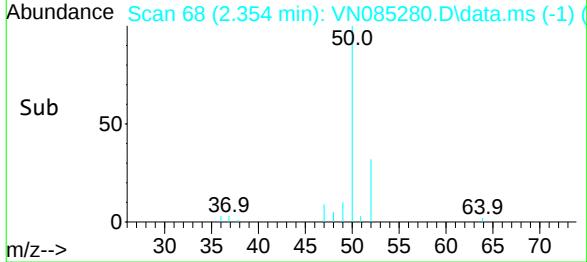
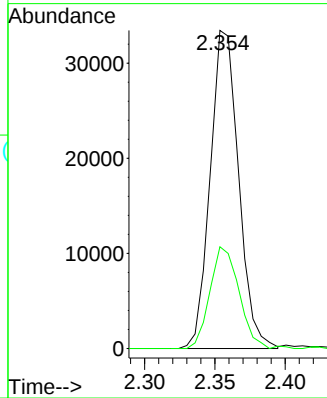
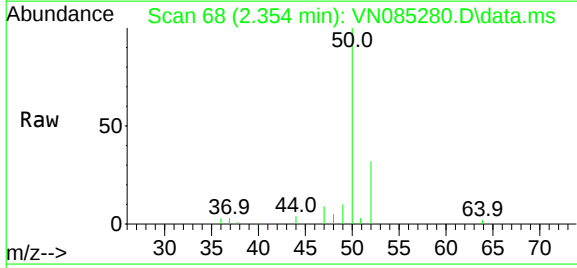




#3
Chloromethane
Concen: 19.427 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

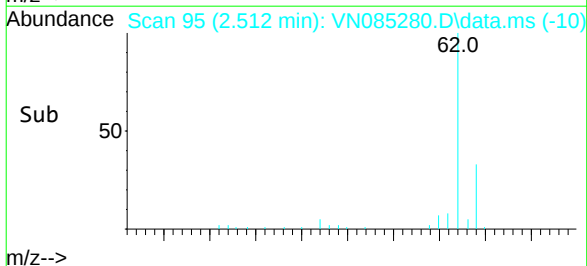
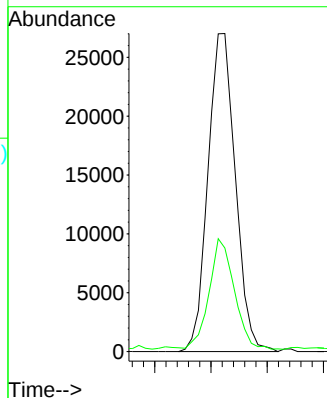
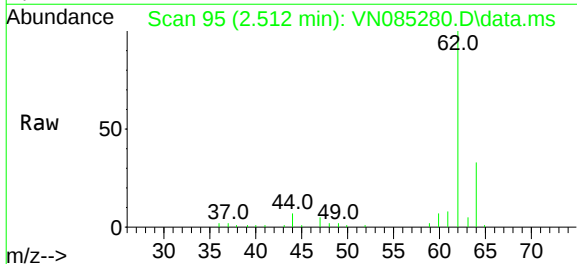
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

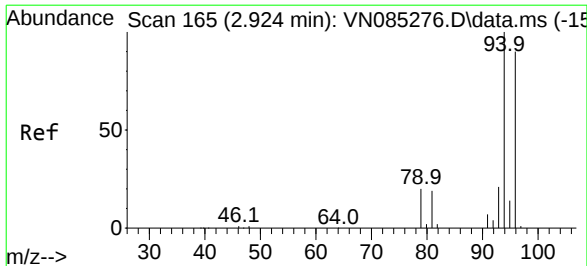
Tgt Ion: 50 Resp: 47013
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7



#4
Vinyl Chloride
Concen: 18.650 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 62 Resp: 45828
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.4





#5

Bromomethane

Concen: 19.668 ug/l

RT: 2.959 min Scan# 171

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

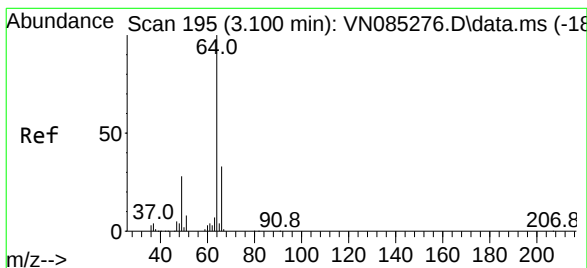
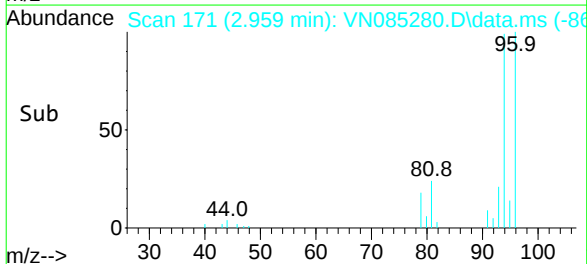
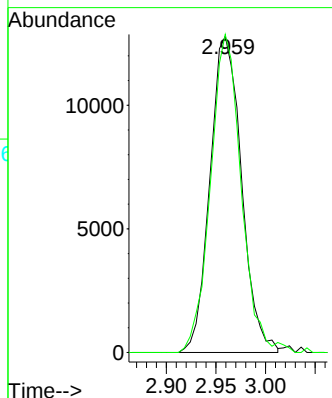
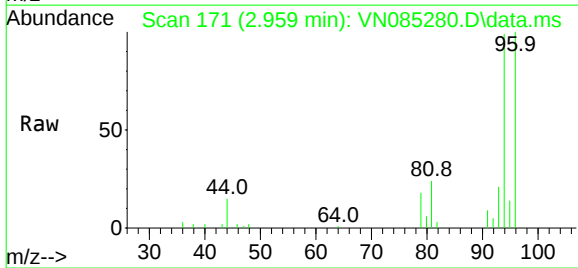
VN1220WBSD01

Tgt Ion: 94 Resp: 28253

Ion Ratio Lower Upper

94 100

96 100.6 75.6 113.4



#6

Chloroethane

Concen: 18.699 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN085280.D

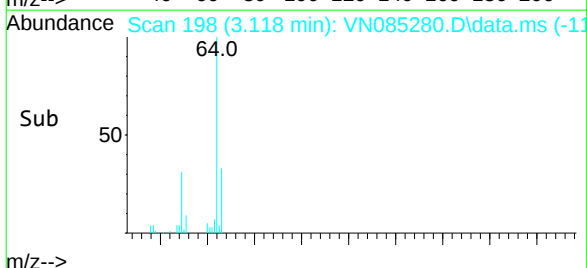
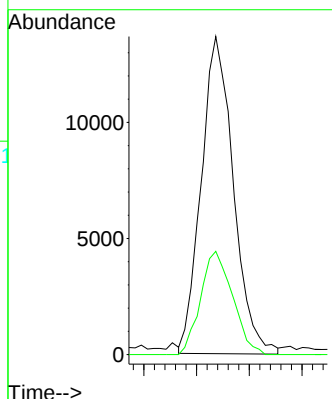
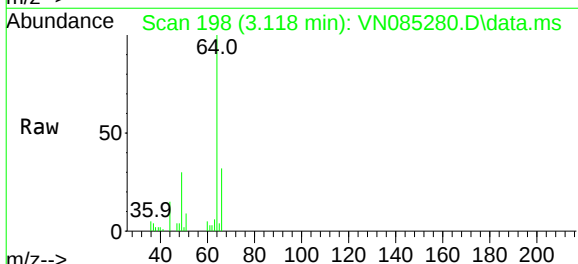
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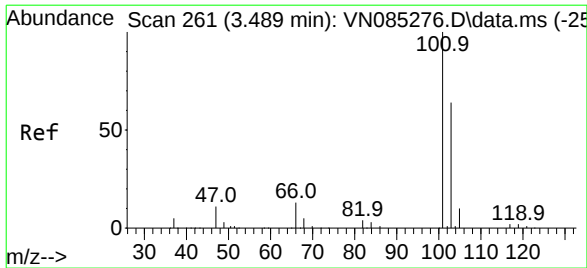
Tgt Ion: 64 Resp: 29005

Ion Ratio Lower Upper

64 100

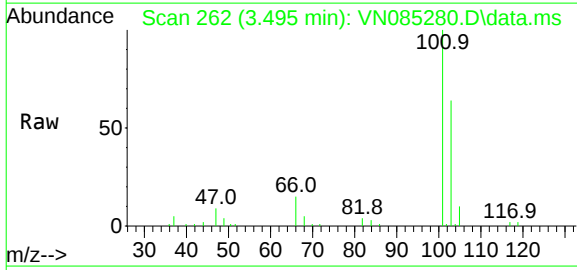
66 33.1 22.2 33.4



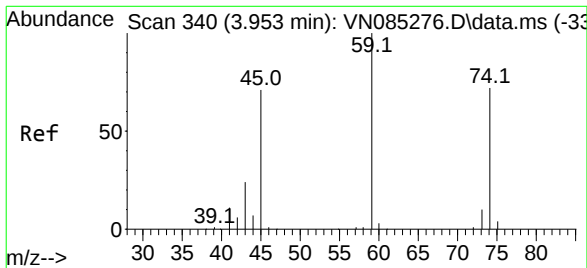
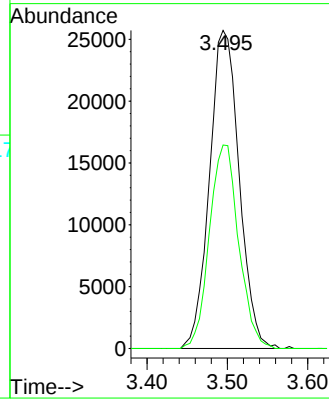
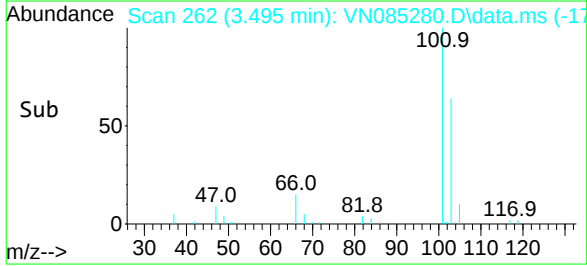


#7
 Trichlorofluoromethane
 Concen: 19.569 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN085280.D
 Acq: 20 Dec 2024 13:42

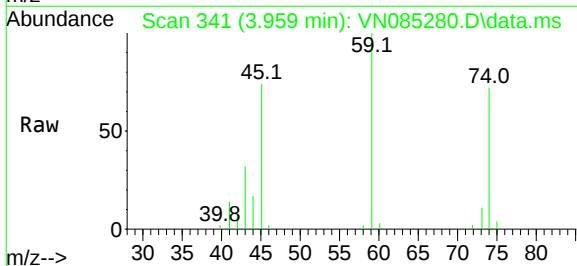
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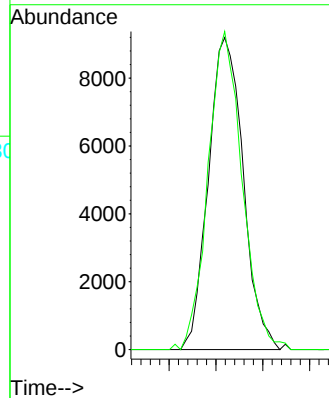
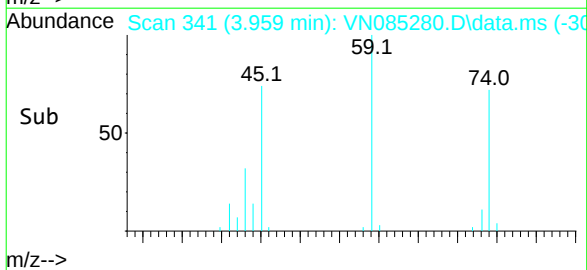
Tgt Ion: 101 Resp: 66062
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 78.8

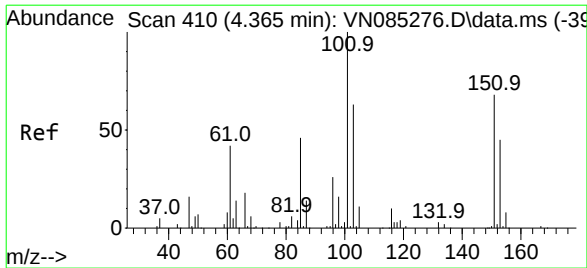


#8
 Diethyl Ether
 Concen: 20.407 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085280.D
 Acq: 20 Dec 2024 13:42



Tgt Ion: 74 Resp: 23726
 Ion Ratio Lower Upper
 74 100
 45 99.0 20.8 187.6

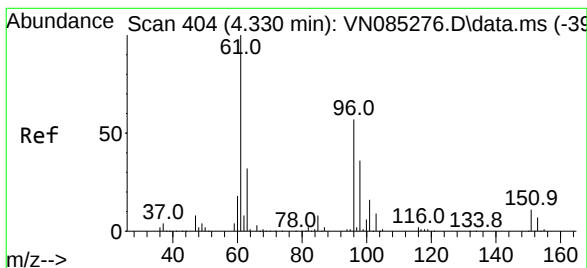
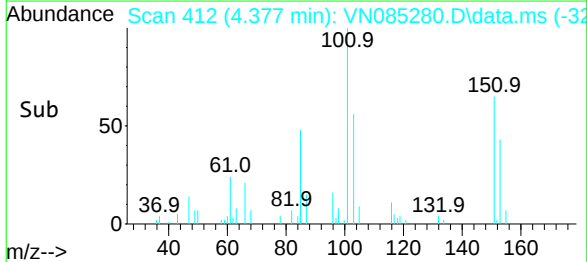
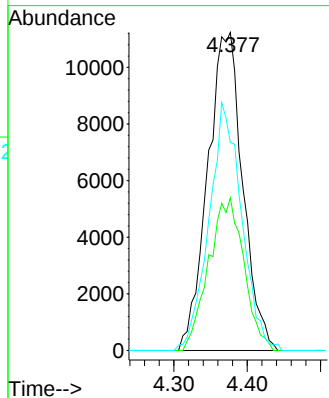
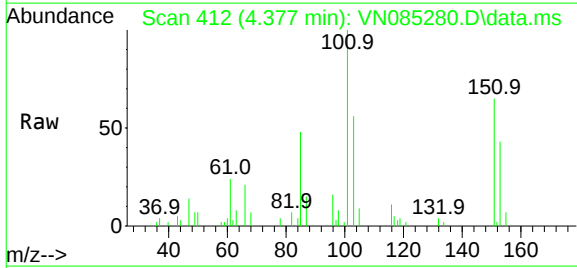




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.230 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

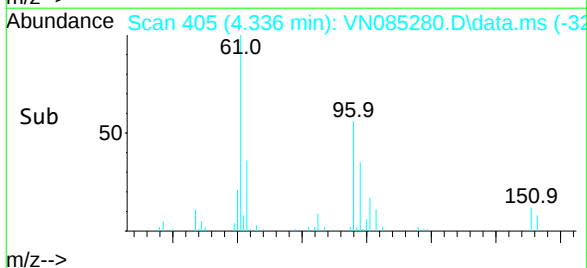
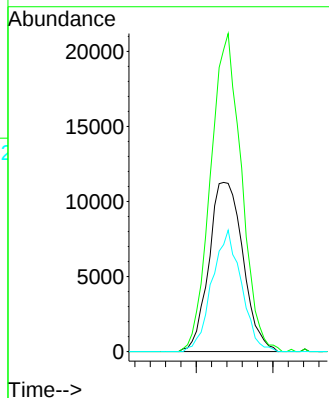
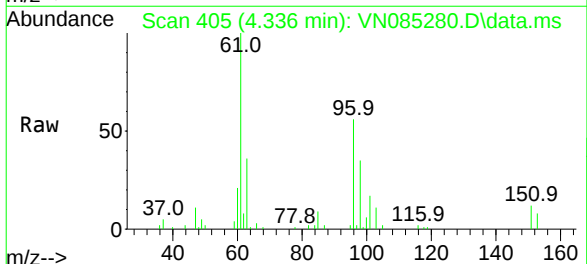
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

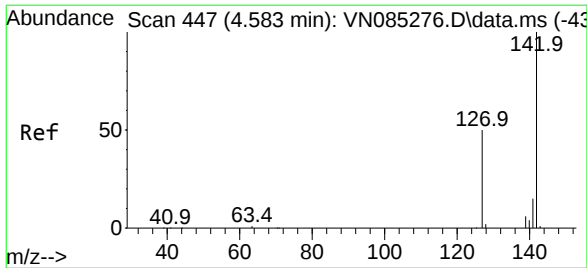
Tgt Ion: 101 Resp: 37278
Ion Ratio Lower Upper
101 100
85 48.1 0.0 96.6
151 72.3 0.0 147.4



#10
1,1-Dichloroethene
Concen: 19.597 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

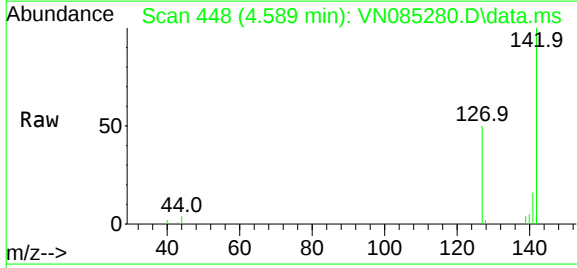
Tgt Ion: 96 Resp: 34705
Ion Ratio Lower Upper
96 100
61 178.5 145.9 218.9
98 63.3 51.9 77.9



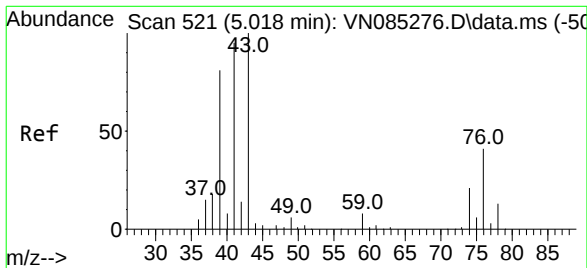
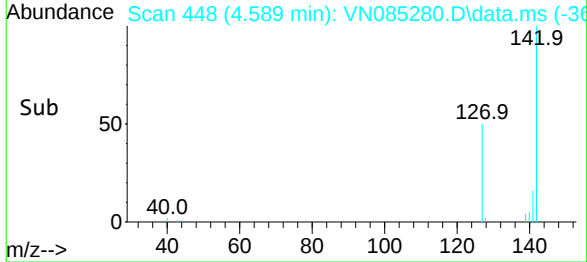
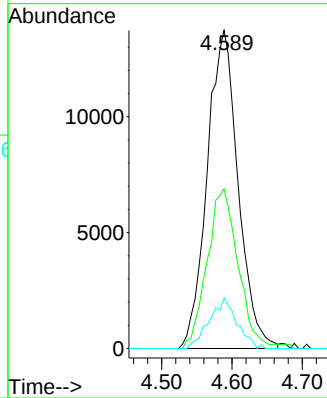


#11
Methyl Iodide
Concen: 19.792 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

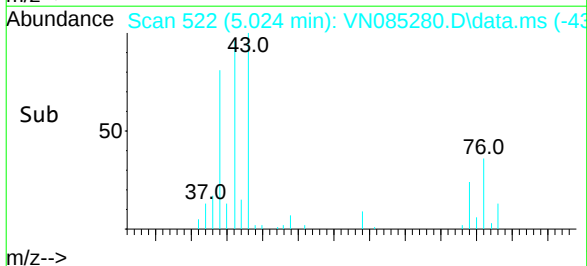
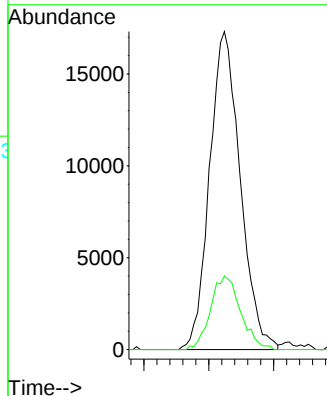
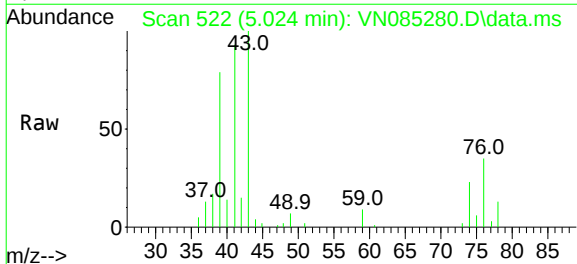


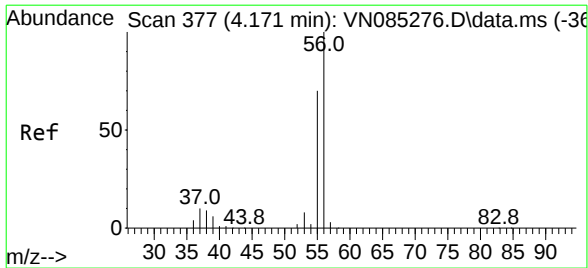
Tgt Ion: 142 Resp: 42006
Ion Ratio Lower Upper
142 100
127 49.9 25.1 75.4
141 15.9 6.9 20.7



#12
Methyl Acetate
Concen: 21.474 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 43 Resp: 56792
Ion Ratio Lower Upper
43 100
74 23.3 20.5 30.7

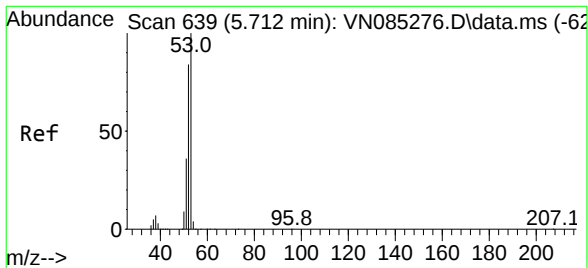
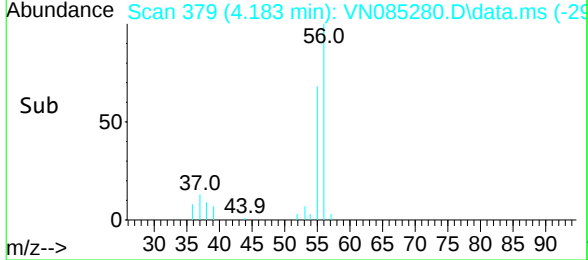
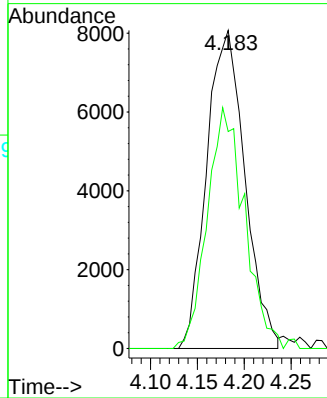
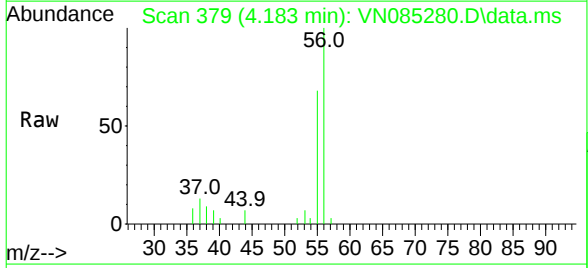




#13
Acrolein
Concen: 97.034 ug/l
RT: 4.183 min Scan# 37
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

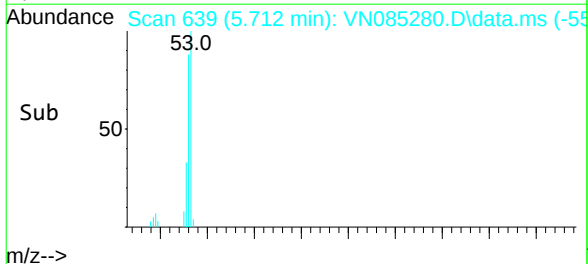
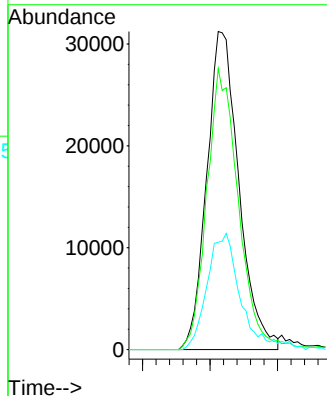
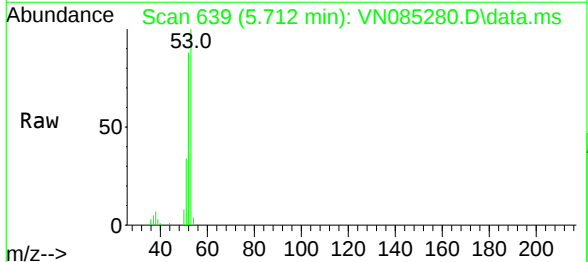
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

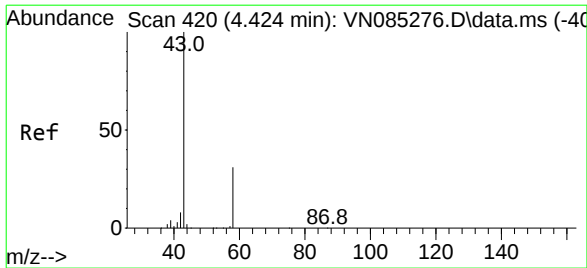
Tgt Ion: 56 Resp: 22909
Ion Ratio Lower Upper
56 100
55 73.6 56.8 85.2



#14
Acrylonitrile
Concen: 101.194 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 53 Resp: 103508
Ion Ratio Lower Upper
53 100
52 85.9 41.6 124.8
51 0.0 18.1 54.4#

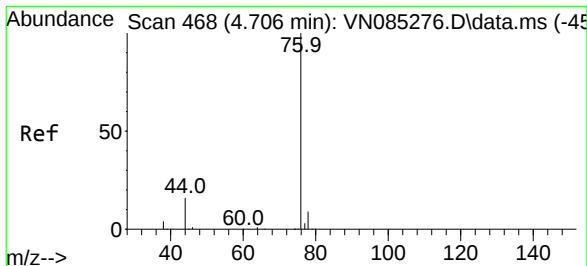
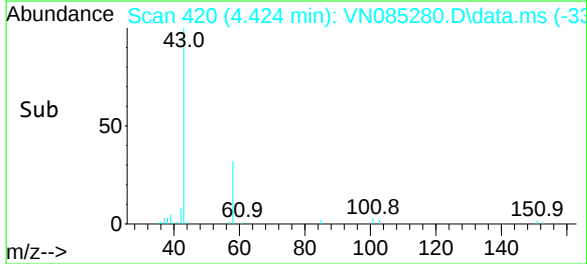
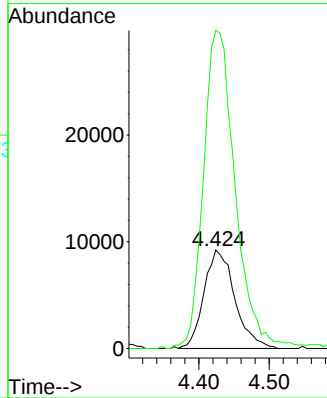
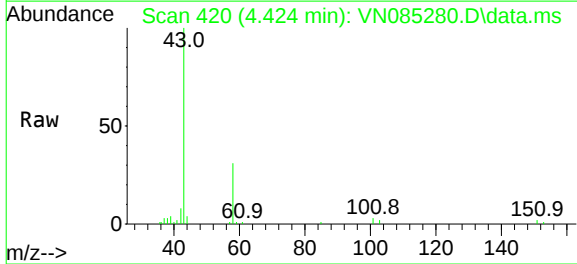




#15
Acetone
Concen: 108.799 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

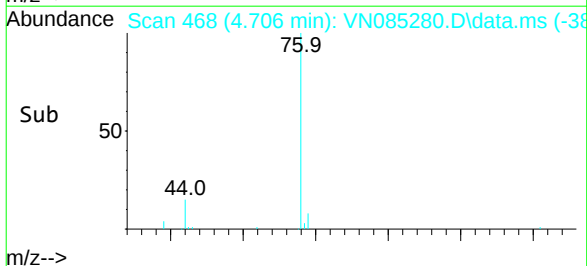
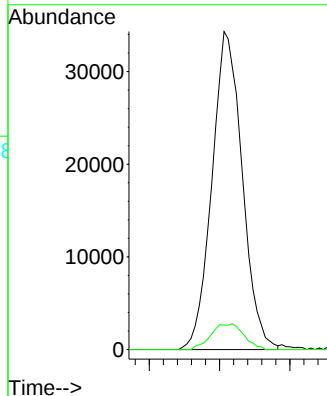
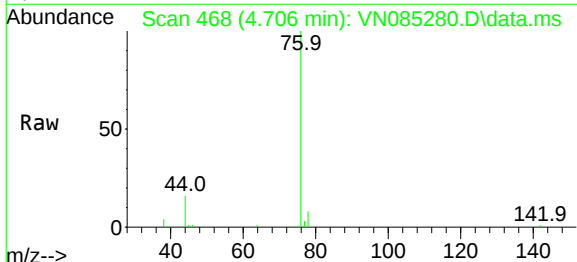
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

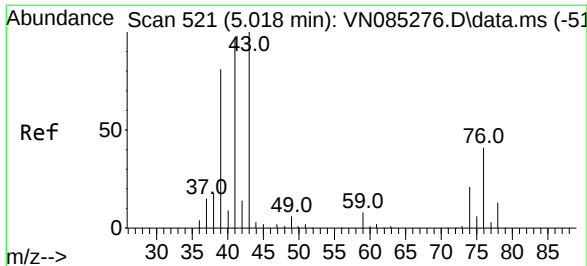
Tgt Ion: 58 Resp: 28073
Ion Ratio Lower Upper
58 100
43 319.5 258.8 388.2



#16
Carbon Disulfide
Concen: 19.064 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 76 Resp: 102625
Ion Ratio Lower Upper
76 100
78 7.7 6.6 9.8

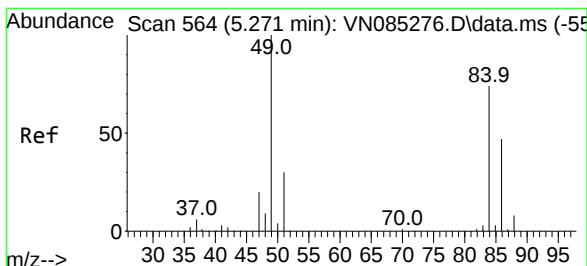
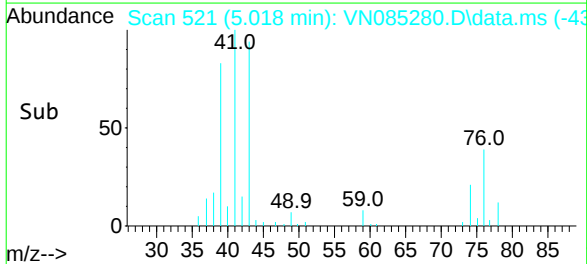
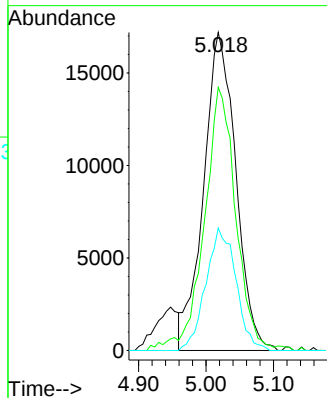
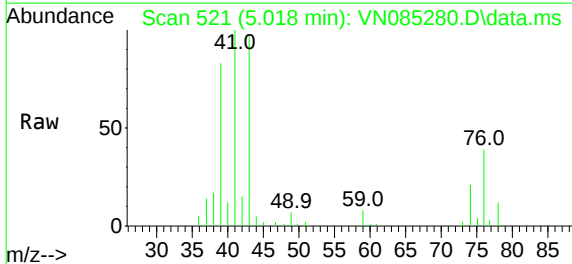




#17
 Allyl chloride
 Concen: 19.902 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.006 min
 Lab File: VN085280.D
 Acq: 20 Dec 2024 13:42

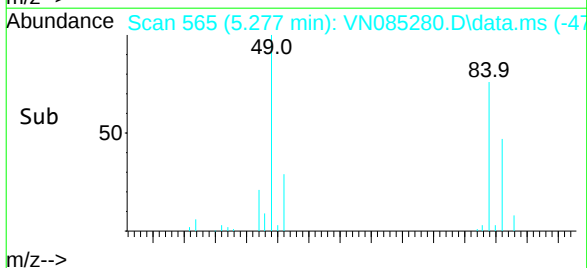
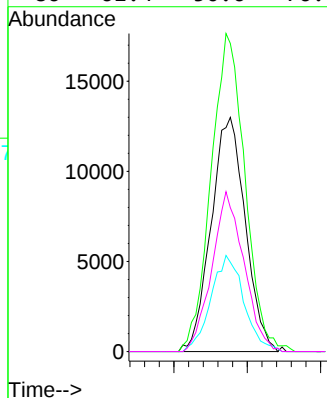
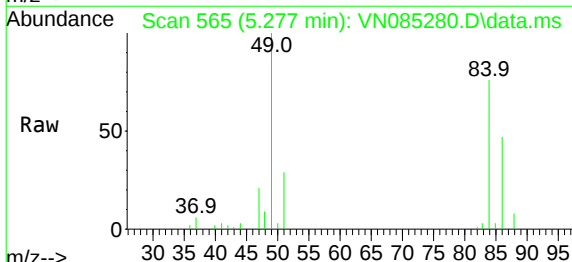
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01

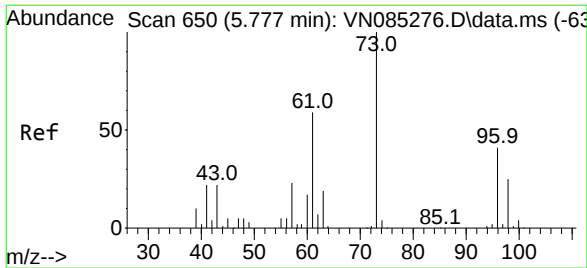
Tgt Ion:	41	Resp:	57014
Ion	Ratio	Lower	Upper
41	100		
39	81.3	41.3	124.1
76	38.5	19.5	58.5



#18
 Methylene Chloride
 Concen: 19.922 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN085280.D
 Acq: 20 Dec 2024 13:42

Tgt Ion:	84	Resp:	42040
Ion	Ratio	Lower	Upper
84	100		
49	131.6	104.9	157.3
51	38.2	30.2	45.4
86	61.4	50.6	76.0

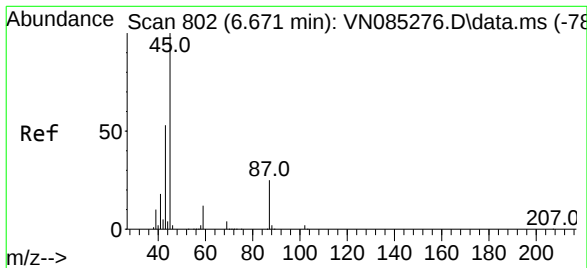
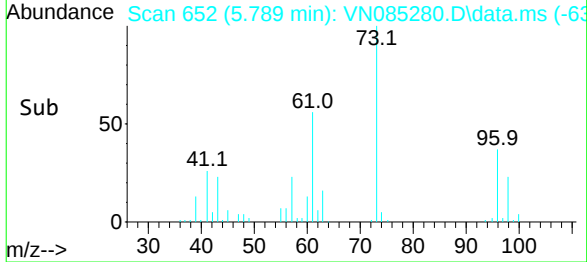
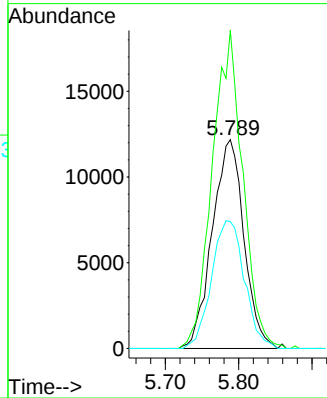
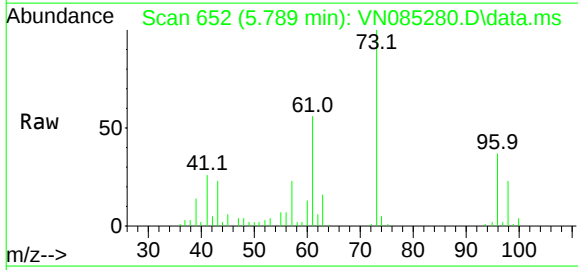




#19
trans-1,2-Dichloroethene
Concen: 19.825 ug/l
RT: 5.789 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

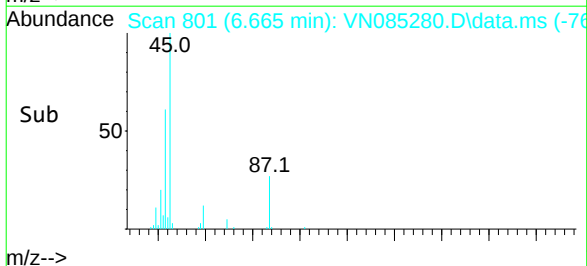
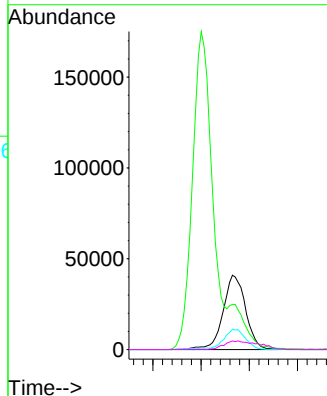
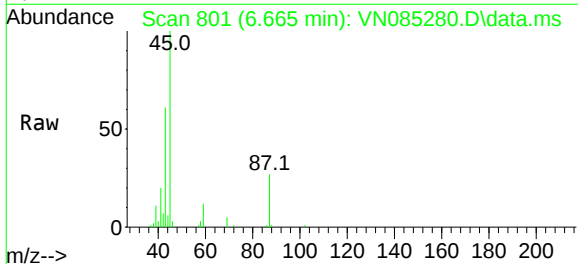
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

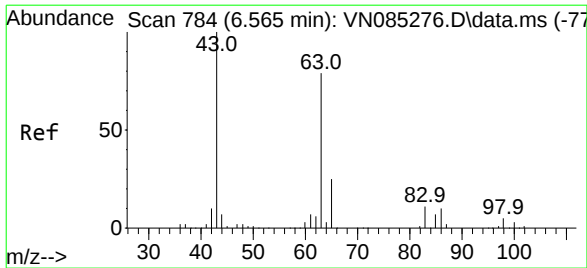
Tgt Ion:	96	Resp:	36515
Ion	Ratio	Lower	Upper
96	100		
61	152.3	124.2	186.4
98	60.8	51.0	76.4



#20
Diisopropyl ether
Concen: 20.208 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion:	45	Resp:	132672
Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.6	69.8
87	27.4	22.3	33.5
59	11.0	9.2	13.8

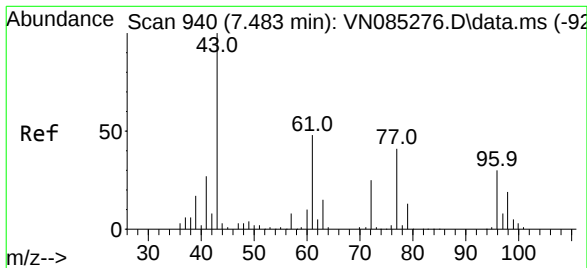
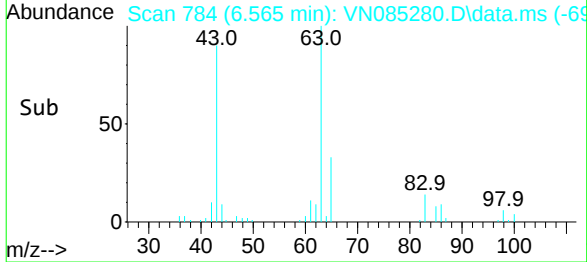
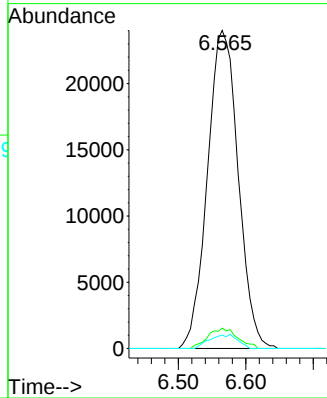
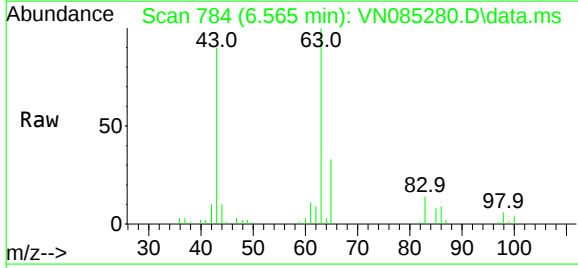




#21
1,1-Dichloroethane
Concen: 19.841 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

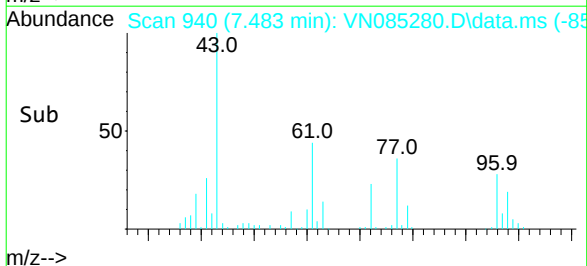
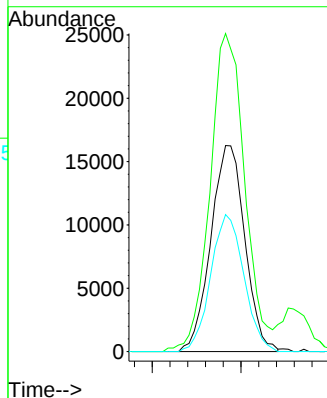
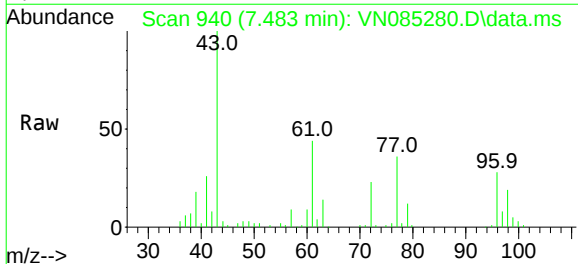
Instrument :
MSVOA_N
ClientSampleId :
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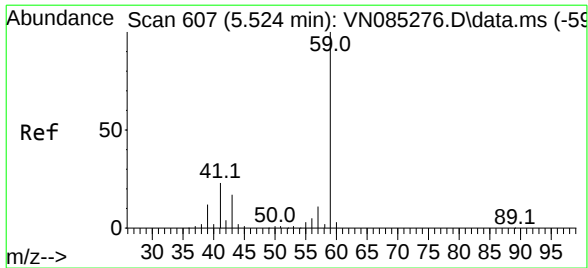
Tgt Ion:	63	Resp:	76153
Ion	Ratio	Lower	Upper
63	100		
98	6.4	2.4	7.1
100	4.2	2.1	6.3



#22
cis-1,2-Dichloroethene
Concen: 19.740 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion:	96	Resp:	43297
Ion	Ratio	Lower	Upper
96	100		
61	157.5	128.1	192.1
98	64.9	52.7	79.1

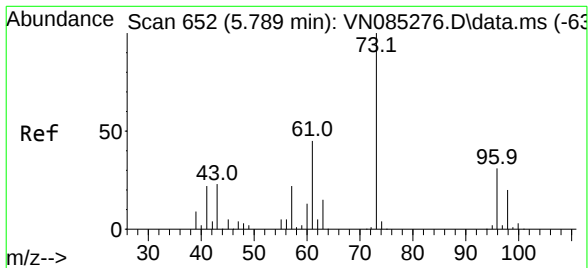
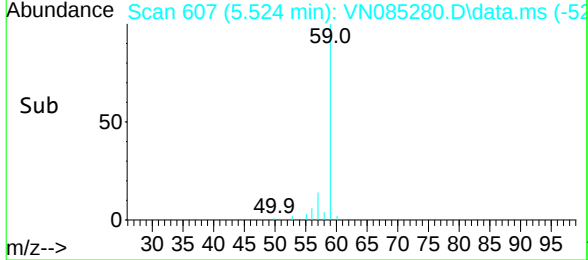
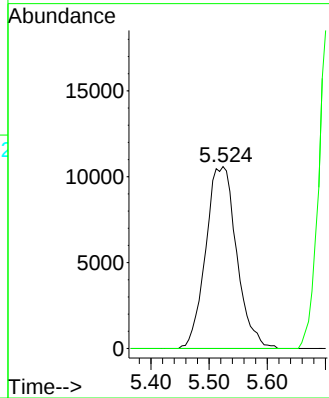
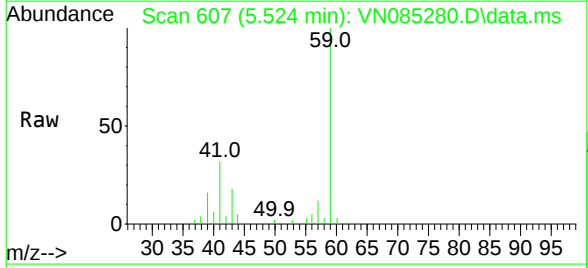




#23
tert-Butyl Alcohol
Concen: 115.864 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

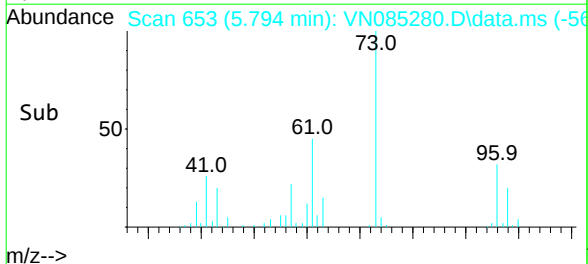
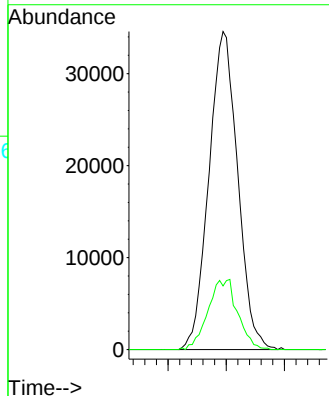
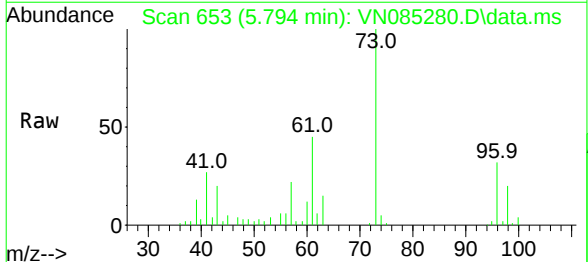
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

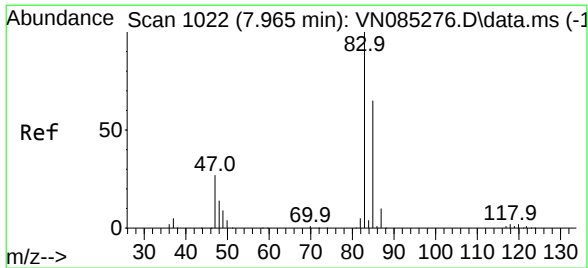
Tgt Ion: 59 Resp: 39058
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.465 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 73 Resp: 118953
Ion Ratio Lower Upper
73 100
43 12.4 18.6 27.8#

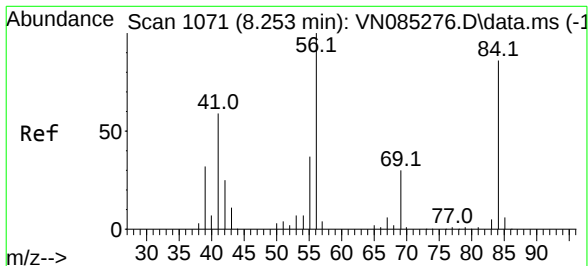
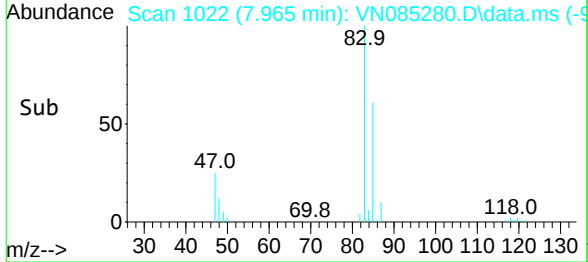
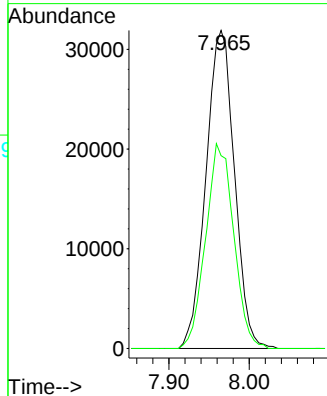
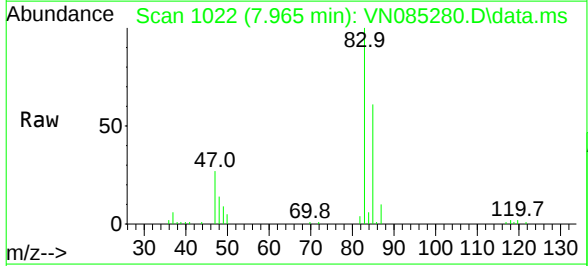




#25
Chloroform
Concen: 20.214 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

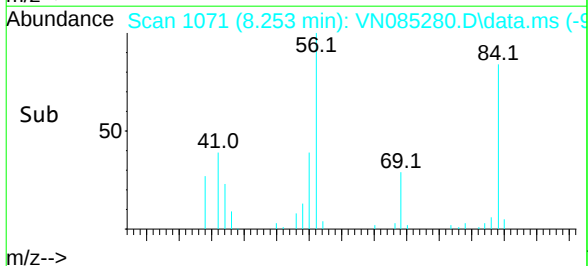
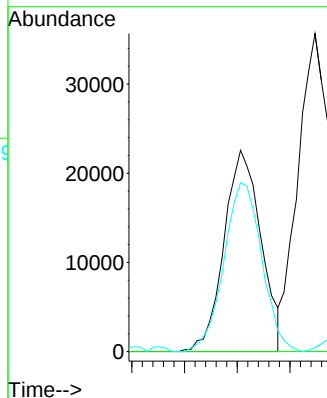
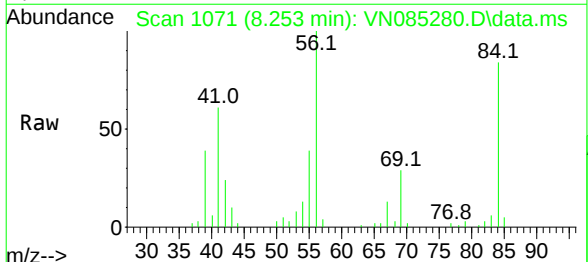
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

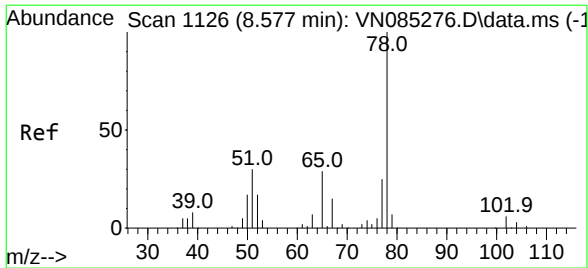
Tgt Ion: 83 Resp: 78645
Ion Ratio Lower Upper
83 100
85 60.6 52.0 78.0



#26
Cyclohexane
Concen: 18.818 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 56 Resp: 55069
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.9 67.6 101.4

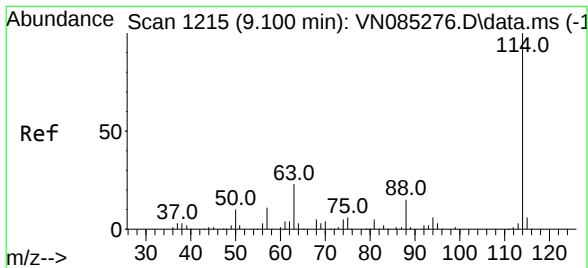
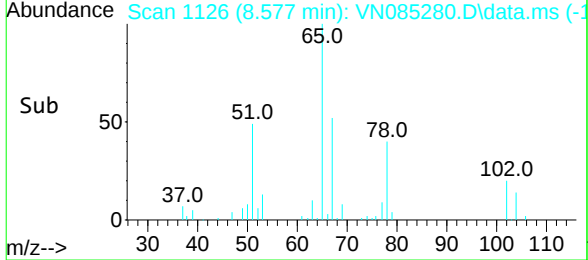
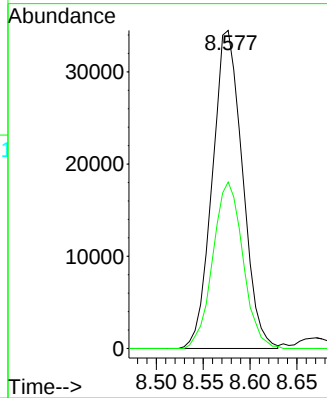
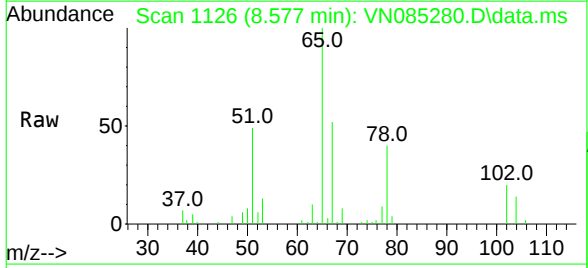




#27
1,2-Dichloroethane-d4
Concen: 30.524 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

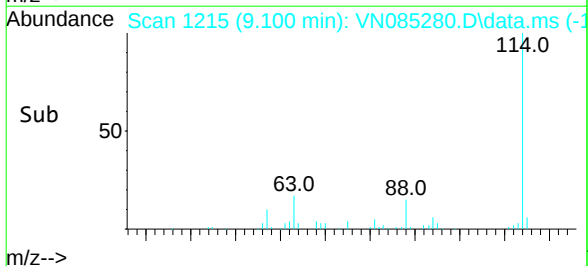
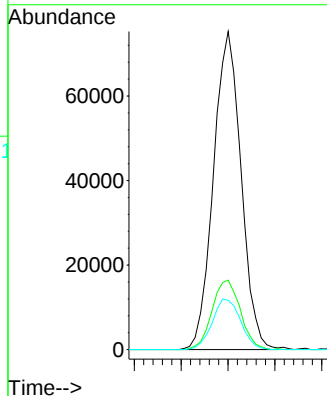
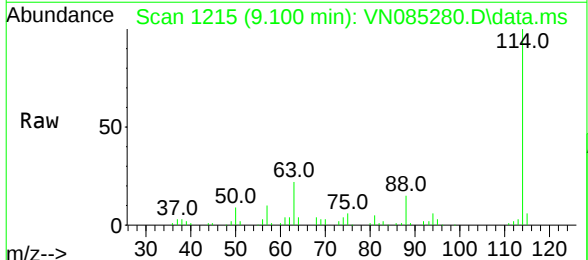
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

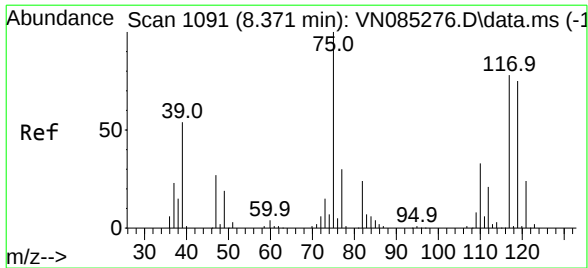
Tgt Ion: 65 Resp: 76972
Ion Ratio Lower Upper
65 100
67 52.3 42.0 63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 114 Resp: 153928
Ion Ratio Lower Upper
114 100
63 22.3 18.0 27.0
88 16.4 12.9 19.3

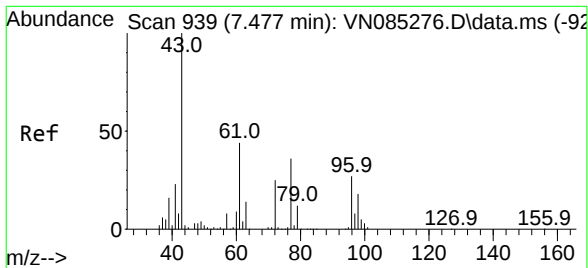
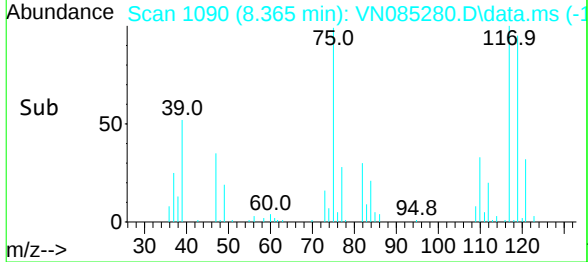
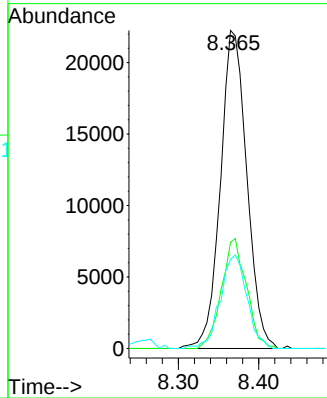
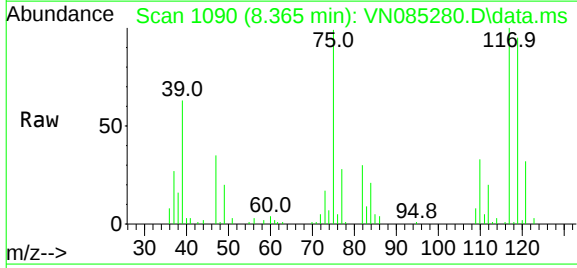




#29
1,1-Dichloropropene
Concen: 18.994 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

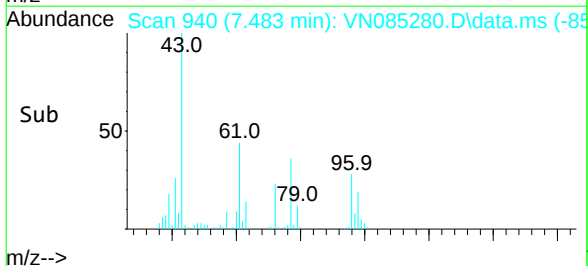
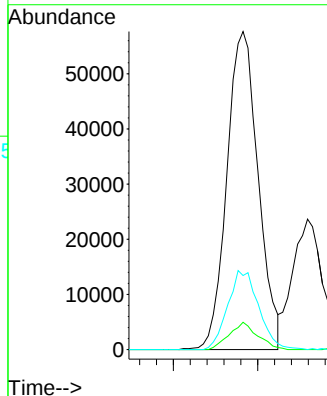
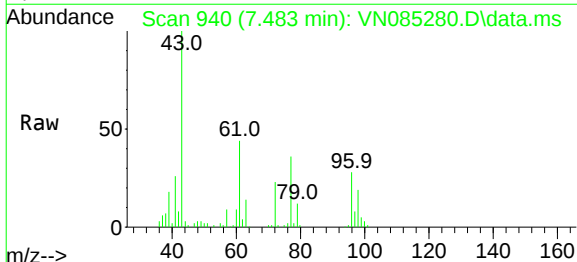
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

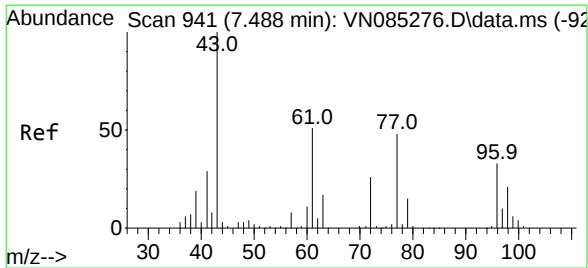
Tgt Ion:	75	Resp:	50761
Ion	Ratio	Lower	Upper
75	100		
110	32.7	0.0	64.8
77	29.6	0.0	60.8



#30
2-Butanone
Concen: 105.447 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion:	43	Resp:	148754
Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.2
72	24.6	19.9	29.9

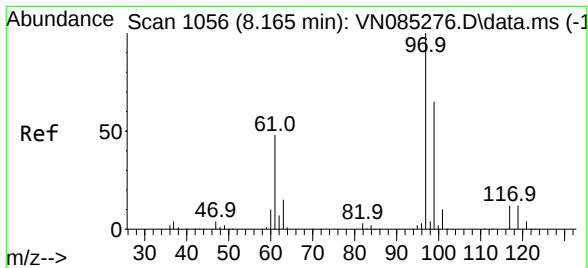
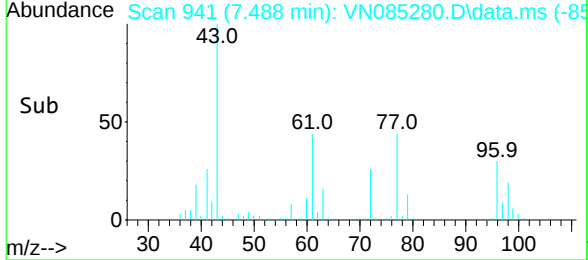
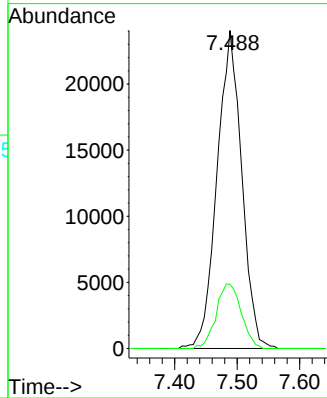
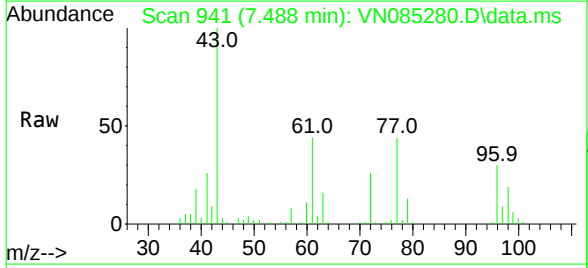




#31
2,2-Dichloropropane
Concen: 19.427 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

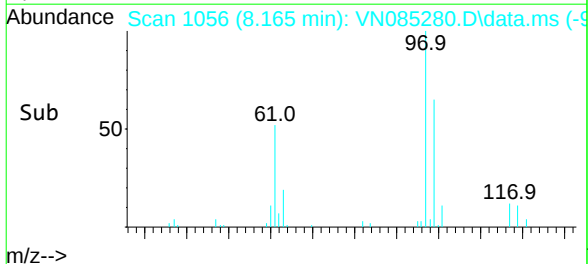
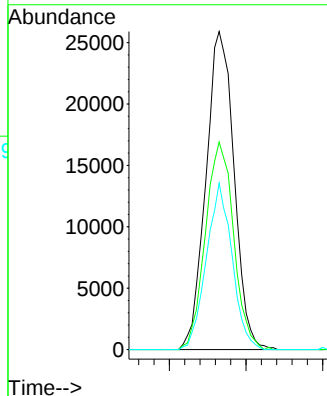
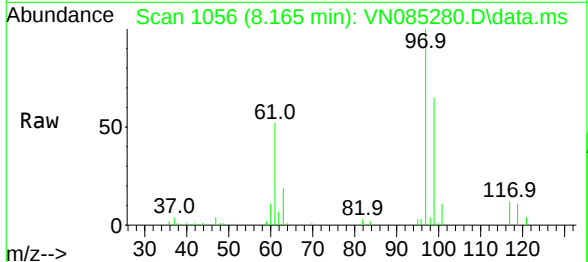
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

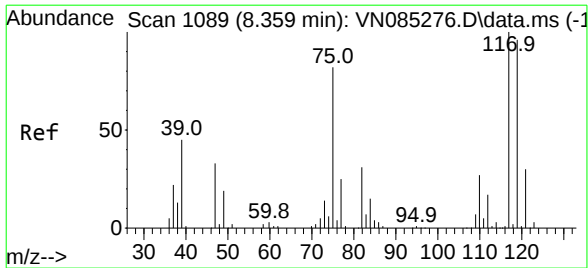
Tgt Ion: 77 Resp: 65790
Ion Ratio Lower Upper
77 100
97 20.7 16.9 25.3



#32
1,1,1-Trichloroethane
Concen: 19.009 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 97 Resp: 66041
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.2
61 47.8 39.8 59.8

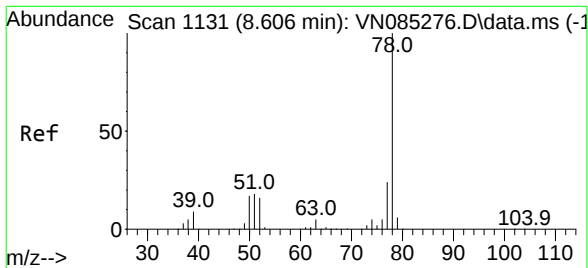
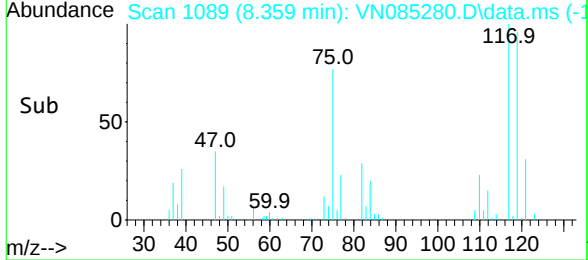
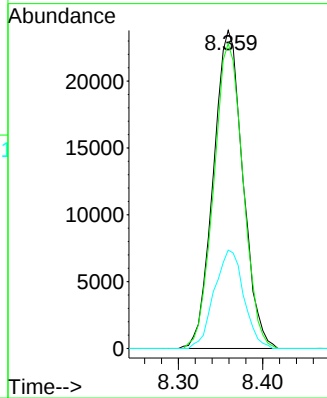
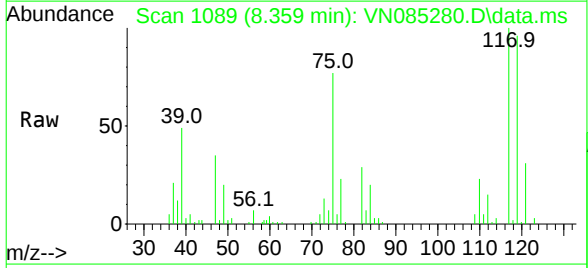




#33
Carbon Tetrachloride
Concen: 19.029 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

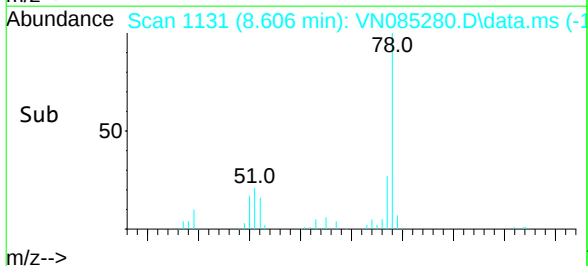
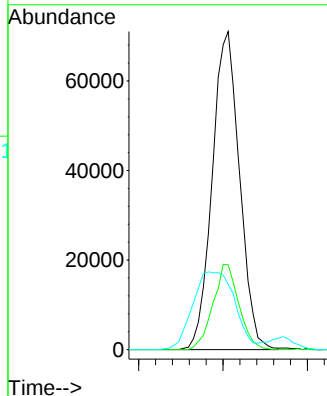
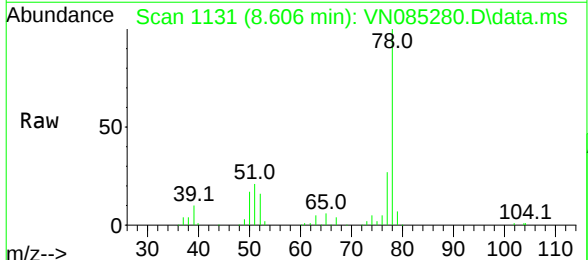
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

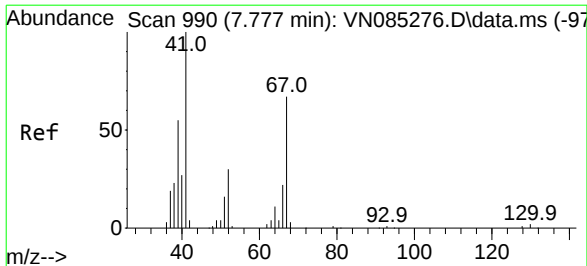
Tgt Ion:117 Resp: 57874
Ion Ratio Lower Upper
117 100
119 95.9 71.6 107.4
121 30.9 23.5 35.3



#34
Benzene
Concen: 18.918 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 78 Resp: 159816
Ion Ratio Lower Upper
78 100
77 26.7 19.3 28.9
51 18.2 14.6 21.8

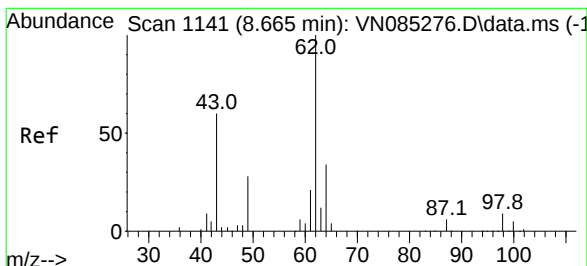
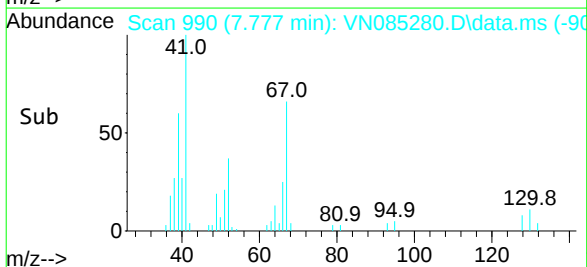
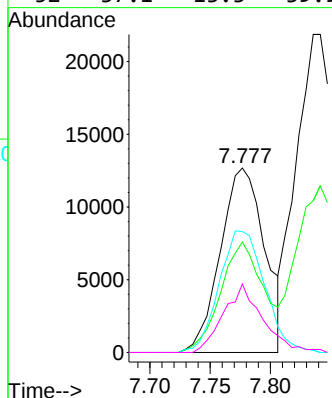
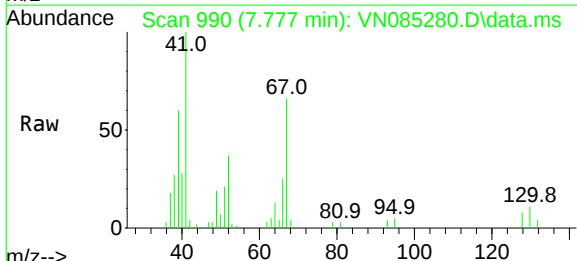




#35
Methacrylonitrile
Concen: 20.779 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

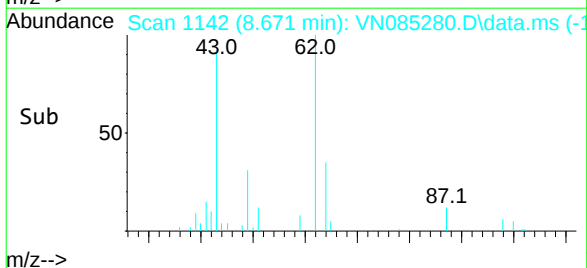
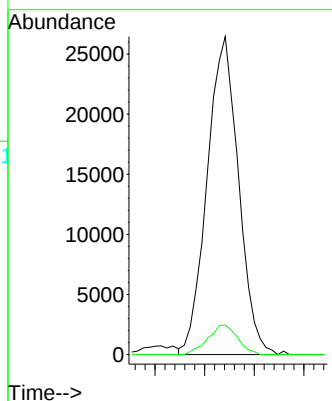
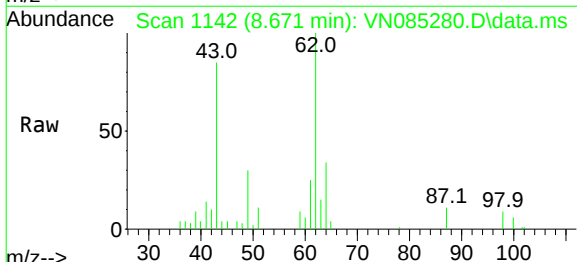
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

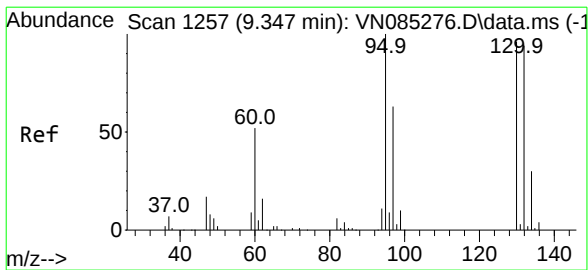
Tgt Ion:	41	Resp:	32449
Ion	Ratio	Lower	Upper
41	100		
39	59.9	26.7	80.0
67	65.5	32.5	97.5
52	37.1	13.3	39.9



#36
1,2-Dichloroethane
Concen: 19.039 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion:	62	Resp:	58160
Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.6	10.0





#37

Trichloroethene

Concen: 19.440 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

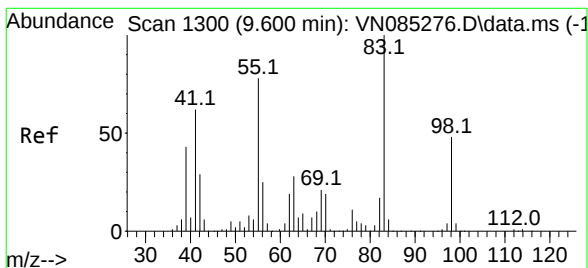
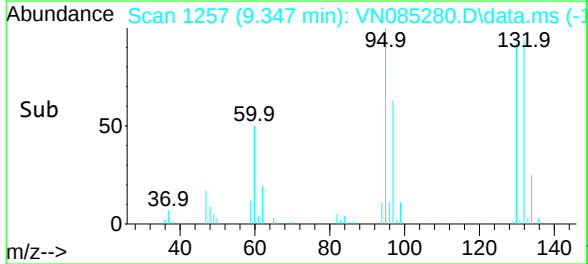
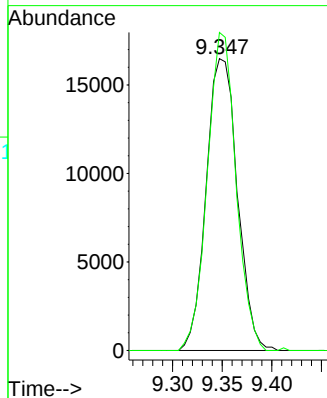
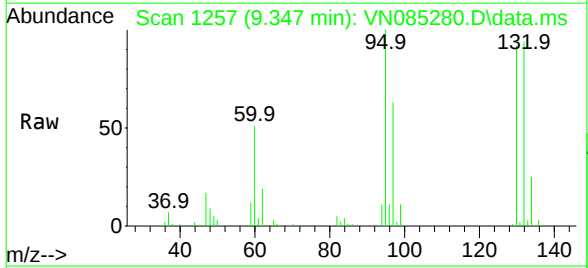
VN1220WBSD01

Tgt Ion:130 Resp: 36132

Ion Ratio Lower Upper

130 100

95 109.0 80.0 120.0



#38

Methylcyclohexane

Concen: 18.038 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

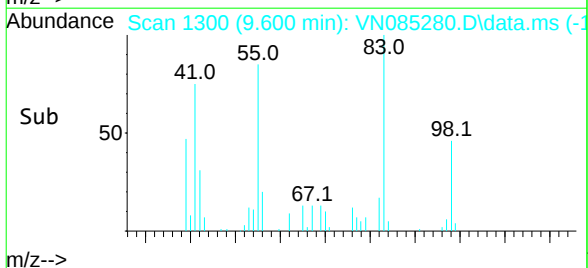
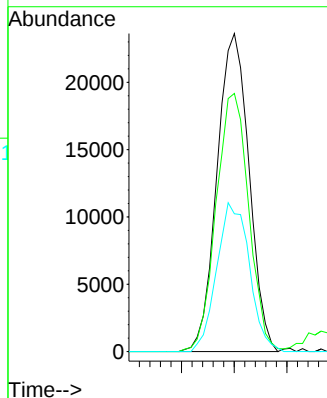
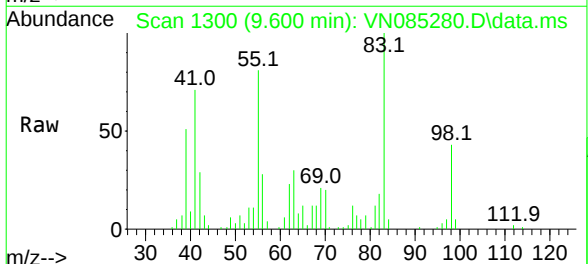
Tgt Ion: 83 Resp: 49886

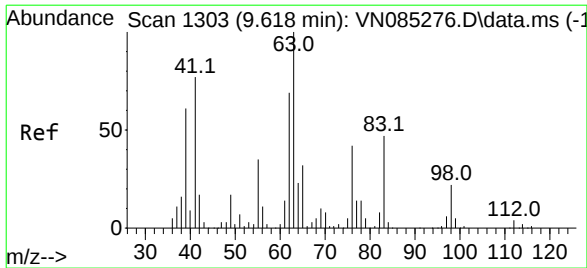
Ion Ratio Lower Upper

83 100

55 82.6 43.6 130.8

98 47.6 24.2 72.6

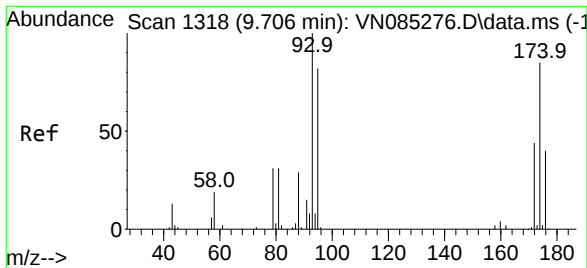
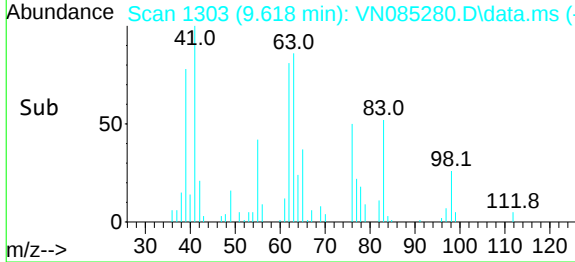
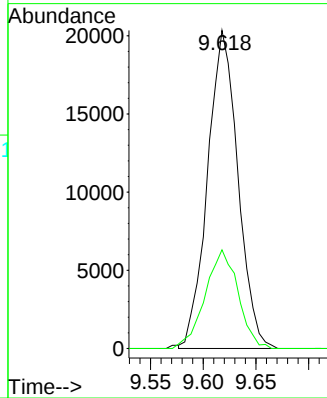
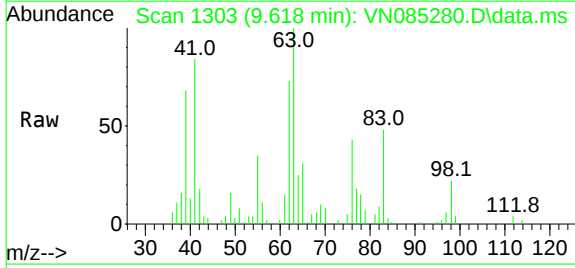




#39
1,2-Dichloropropane
Concen: 18.956 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

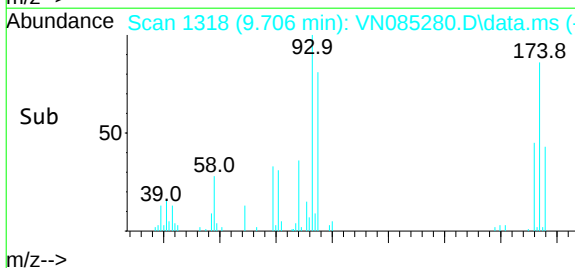
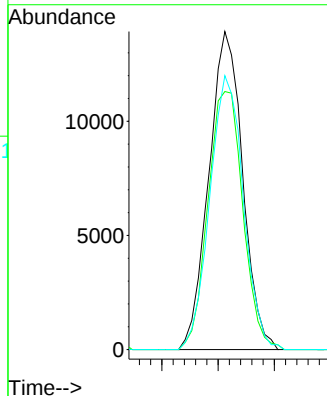
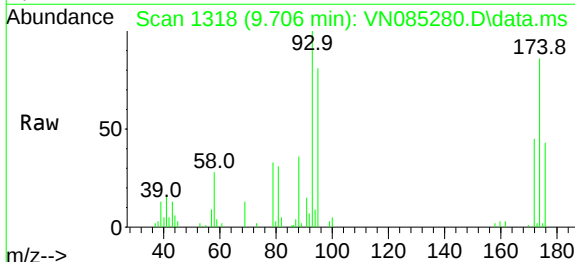
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

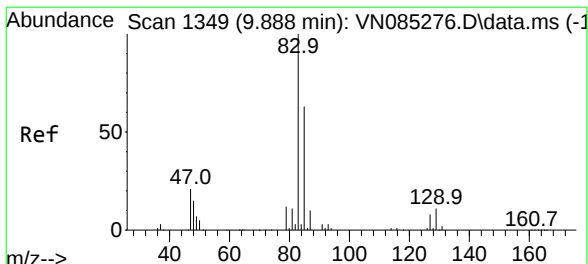
Tgt Ion: 63 Resp: 40742
Ion Ratio Lower Upper
63 100
65 31.0 26.1 39.1



#40
Dibromomethane
Concen: 19.390 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 93 Resp: 29056
Ion Ratio Lower Upper
93 100
95 84.1 0.0 167.6
174 85.6 0.0 171.0

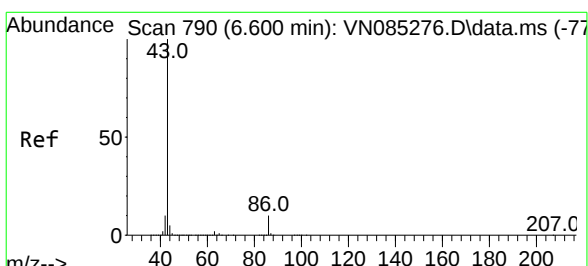
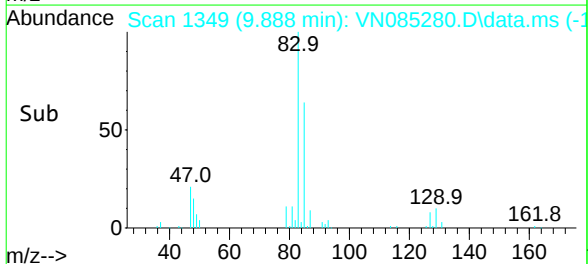
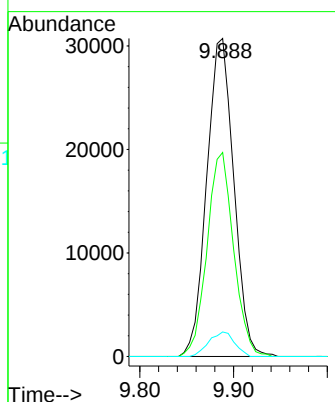
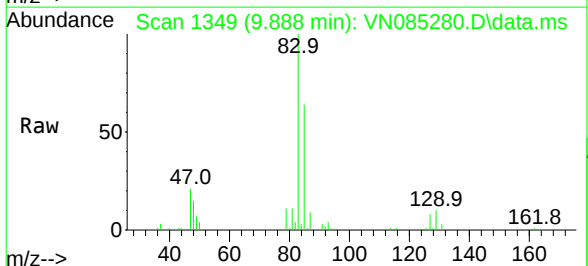




#41
 Bromodichloromethane
 Concen: 19.675 ug/l
 RT: 9.888 min Scan# 13
 Delta R.T. 0.006 min
 Lab File: VN085280.D
 Acq: 20 Dec 2024 13:42

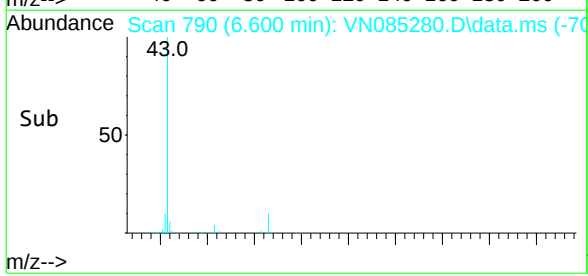
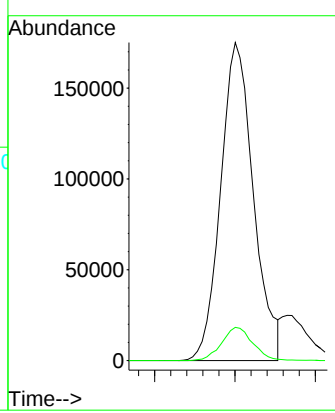
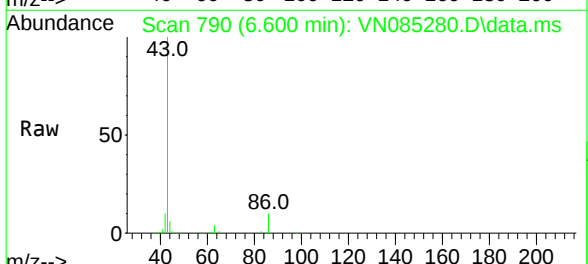
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01

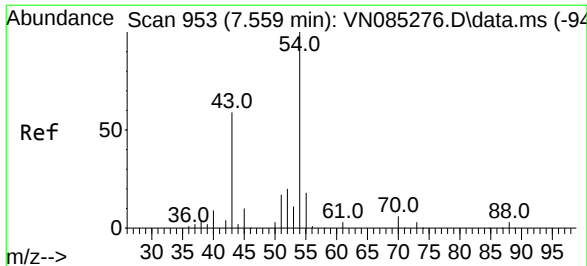
Tgt Ion:	83	Resp:	61614
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.1	75.1
127	7.7	5.8	8.6



#42
 Vinyl Acetate
 Concen: 99.831 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN085280.D
 Acq: 20 Dec 2024 13:42

Tgt Ion:	43	Resp:	497120
Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.9	11.9

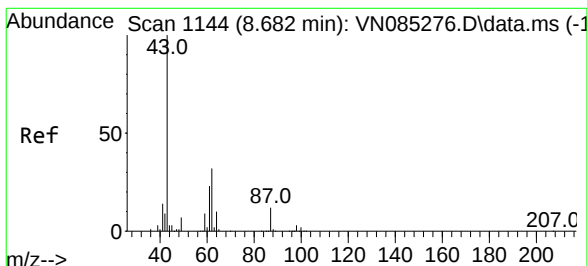
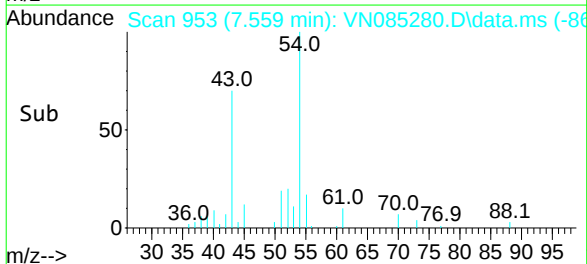
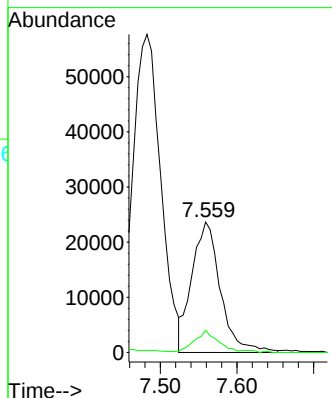
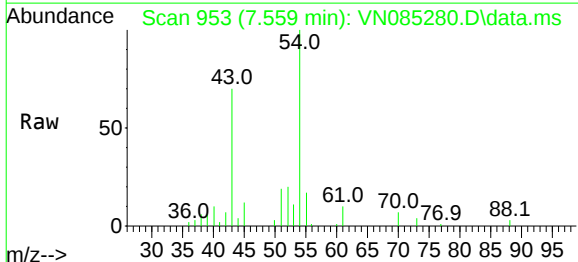




#43
Ethyl Acetate
Concen: 21.002 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

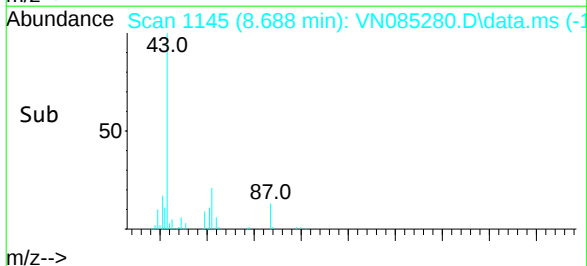
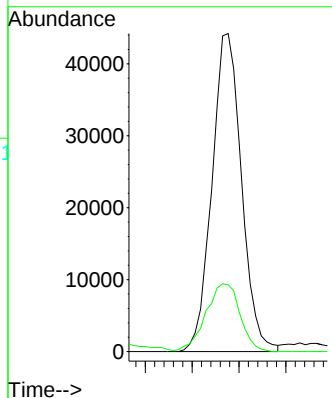
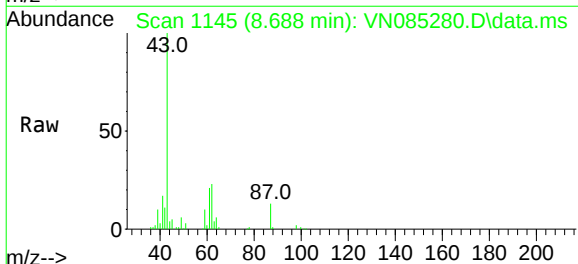
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

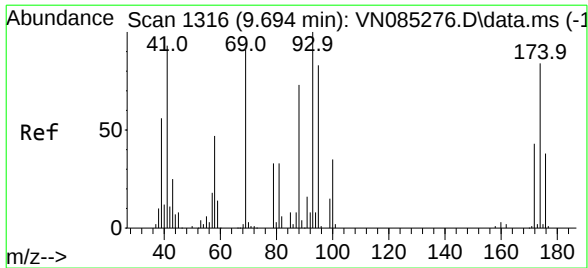
Tgt Ion: 43 Resp: 61269
Ion Ratio Lower Upper
43 100
45 13.9 11.9 17.9



#44
Isopropyl Acetate
Concen: 19.958 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

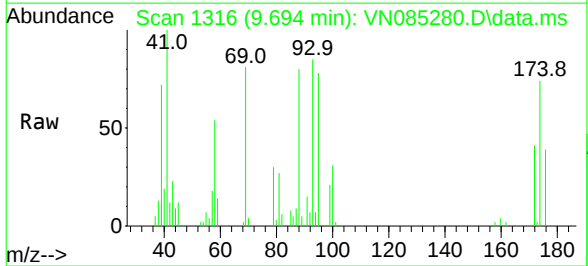
Tgt Ion: 43 Resp: 96725
Ion Ratio Lower Upper
43 100
61 24.7 19.7 29.5



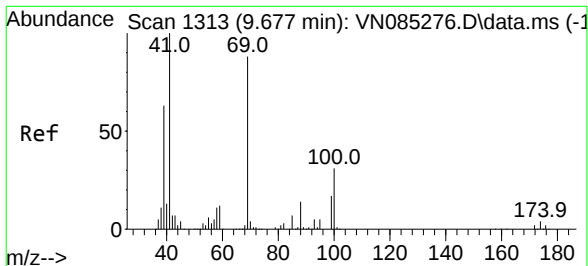
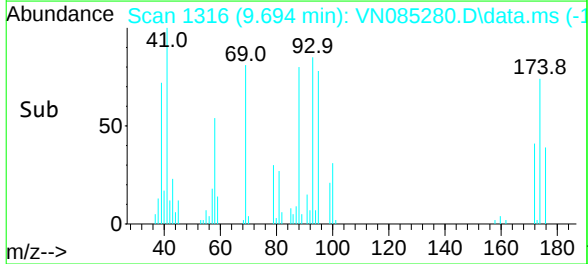
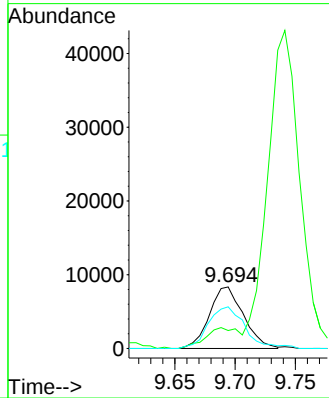


#45
1,4-Dioxane
Concen: 435.471 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

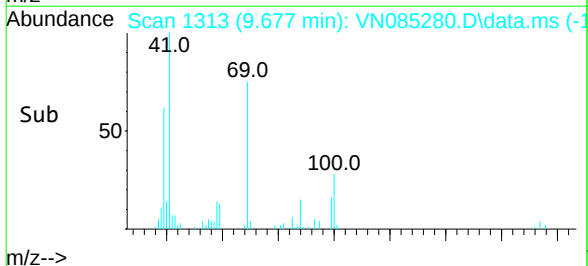
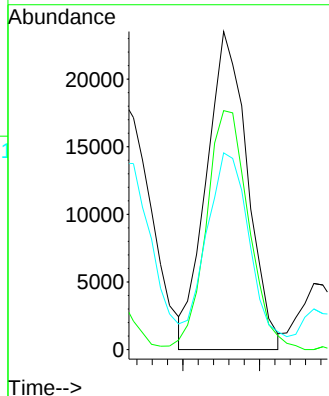
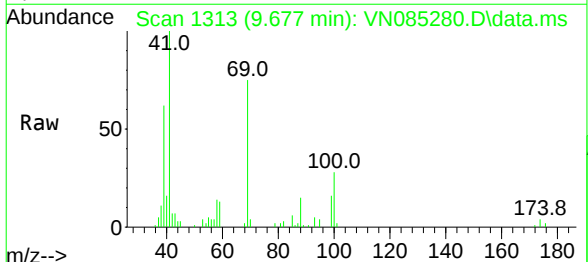


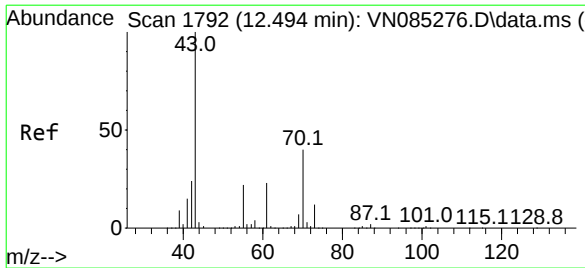
Tgt Ion: 88 Resp: 16415
Ion Ratio Lower Upper
88 100
43 33.8 25.4 38.2
58 72.0 58.5 87.7



#46
Methyl methacrylate
Concen: 19.430 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 41 Resp: 43709
Ion Ratio Lower Upper
41 100
69 76.0 39.9 119.6
39 59.2 31.6 95.0

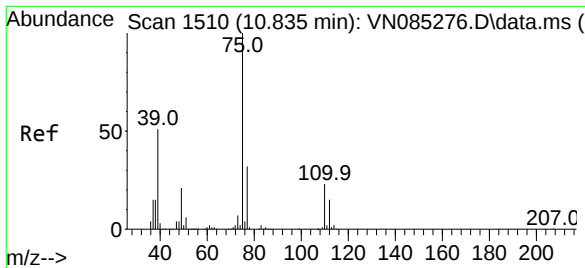
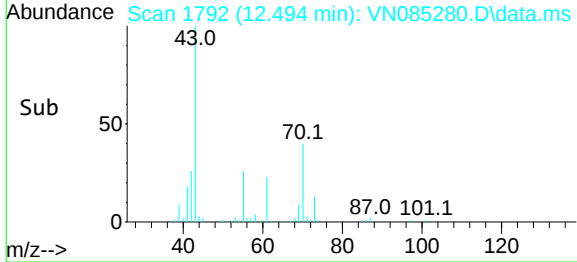
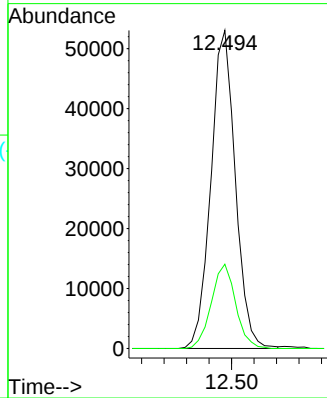
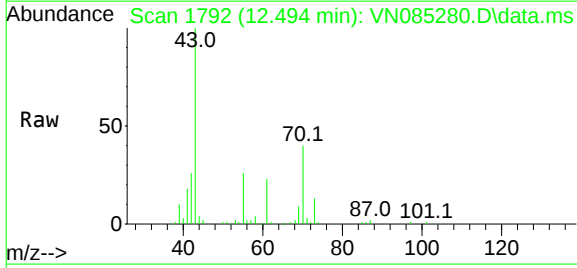




#47
n-amy1 Acetate
Concen: 19.368 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

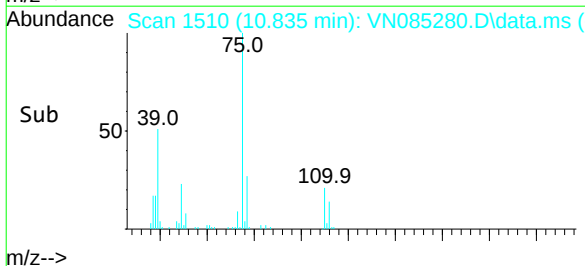
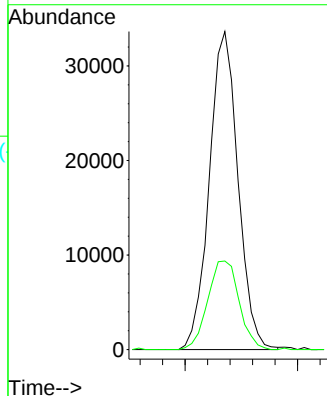
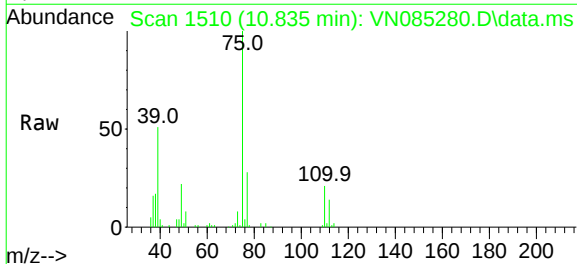
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

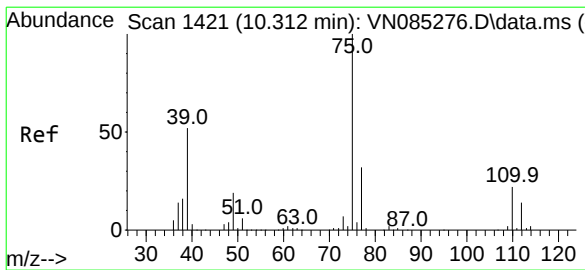
Tgt Ion: 43 Resp: 79962
Ion Ratio Lower Upper
43 100
55 26.4 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 19.247 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 75 Resp: 59538
Ion Ratio Lower Upper
75 100
77 27.8 23.8 35.6

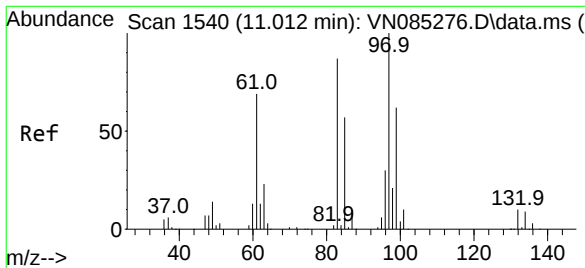
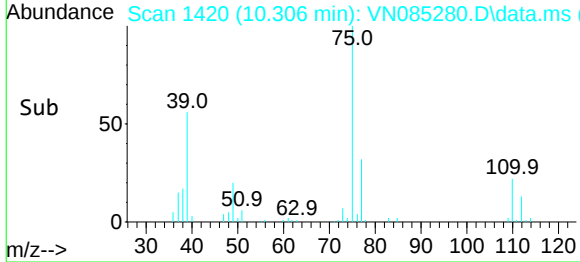
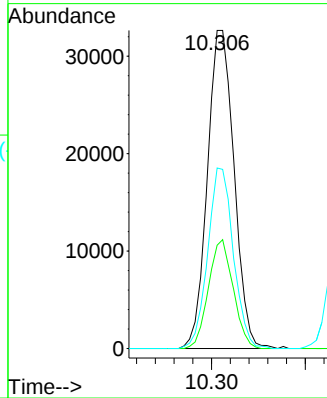
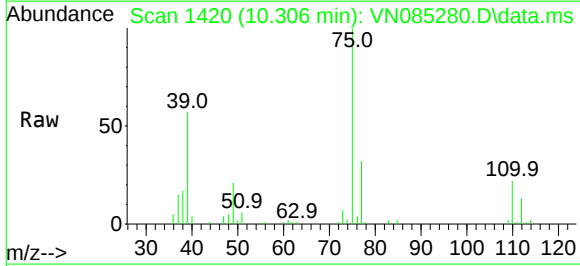




#49
 cis-1,3-Dichloropropene
 Concen: 19.412 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN085280.D
 Acq: 20 Dec 2024 13:42

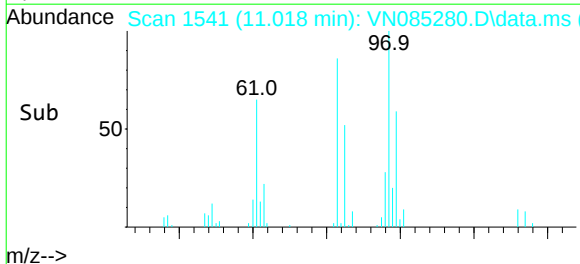
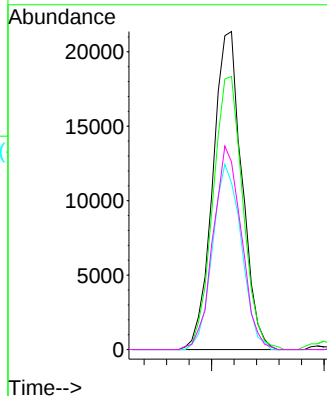
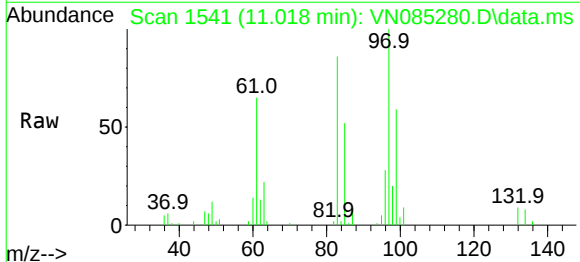
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01

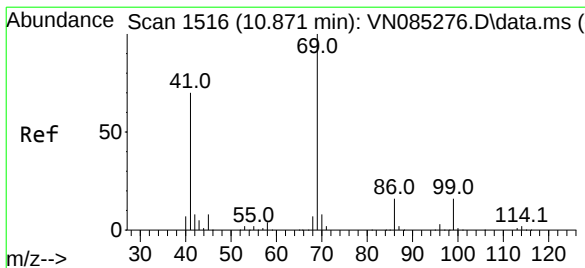
Tgt Ion:	75	Resp:	64556
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.6	40.0
39	56.8	41.9	62.9



#50
 1,1,2-Trichloroethane
 Concen: 19.613 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN085280.D
 Acq: 20 Dec 2024 13:42

Tgt Ion:	97	Resp:	38437
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.2	108.2
85	52.5	46.6	70.0
99	59.0	51.4	77.0





#51

Ethyl methacrylate

Concen: 19.875 ug/l

RT: 10.877 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VN085280.D

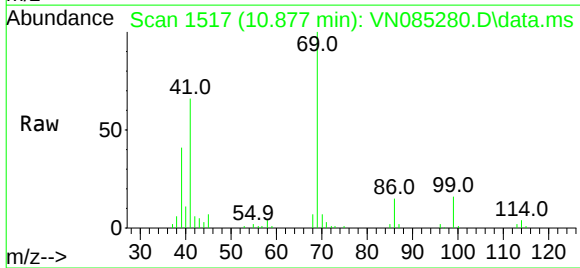
Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01



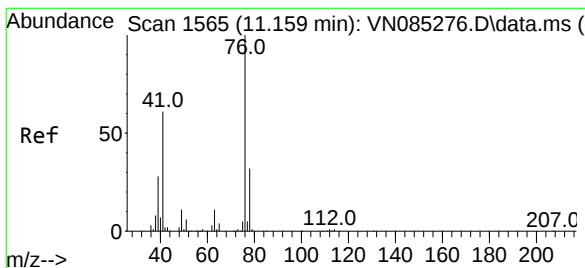
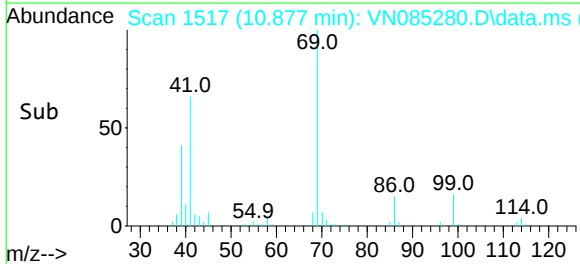
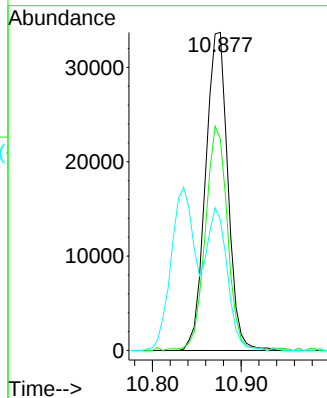
Tgt Ion: 69 Resp: 58914

Ion Ratio Lower Upper

69 100

41 65.9 38.1 114.5

39 40.7 24.1 72.2



#52

1,3-Dichloropropane

Concen: 19.966 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN085280.D

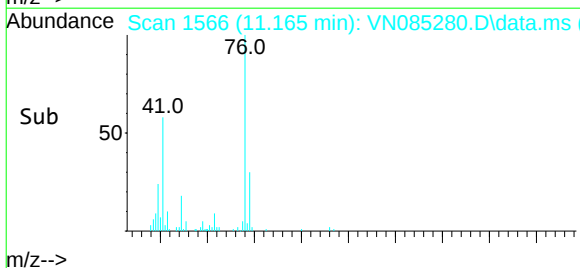
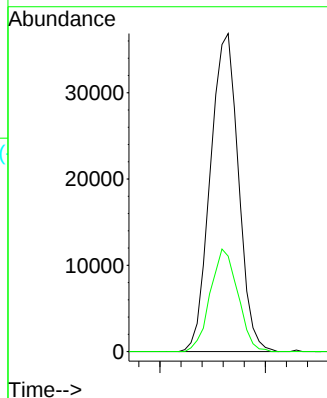
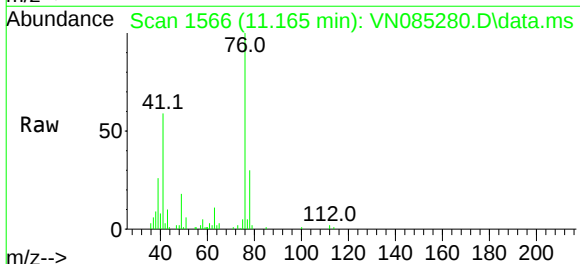
Acq: 20 Dec 2024 13:42

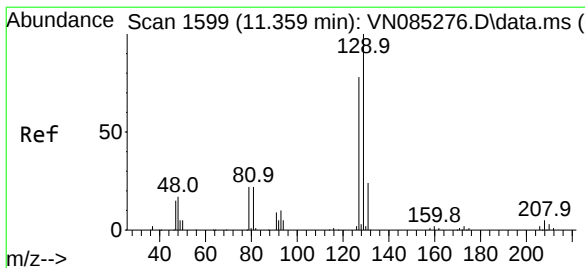
Tgt Ion: 76 Resp: 68304

Ion Ratio Lower Upper

76 100

78 31.7 0.0 66.2





#53

Dibromochloromethane

Concen: 19.027 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

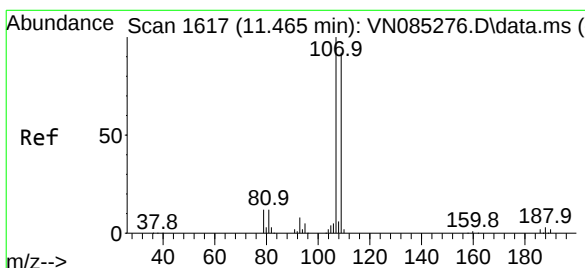
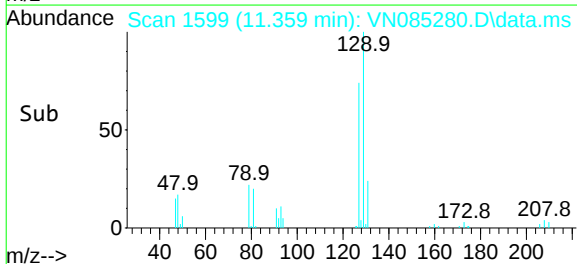
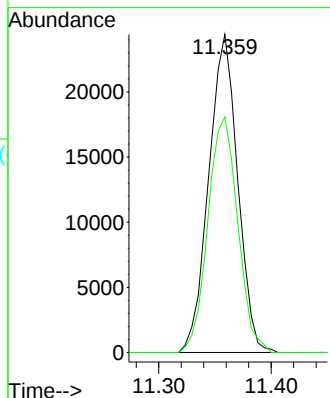
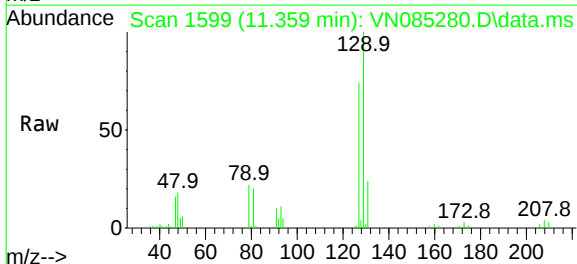
VN1220WBSD01

Tgt Ion:129 Resp: 43692

Ion Ratio Lower Upper

129 100

127 76.4 38.1 114.3



#54

1,2-Dibromoethane

Concen: 19.437 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN085280.D

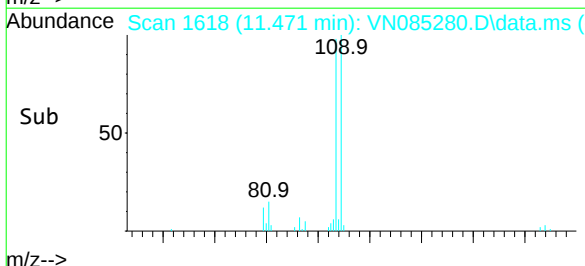
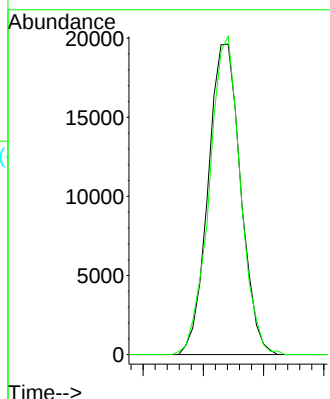
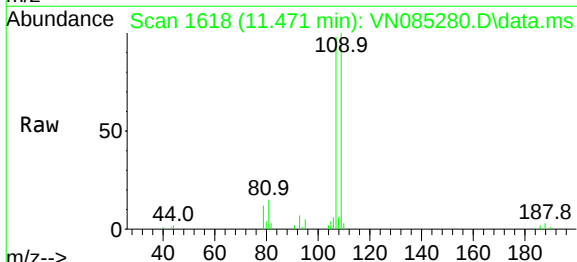
Acq: 20 Dec 2024 13:42

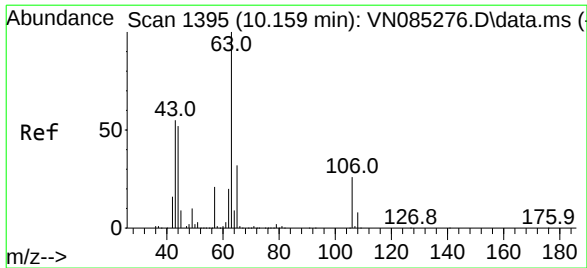
Tgt Ion:107 Resp: 36864

Ion Ratio Lower Upper

107 100

109 98.0 76.2 114.4

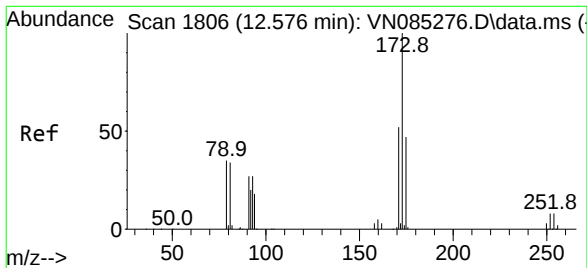
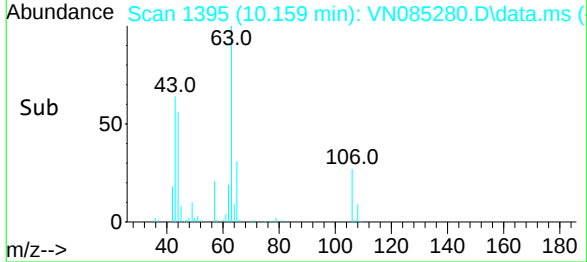
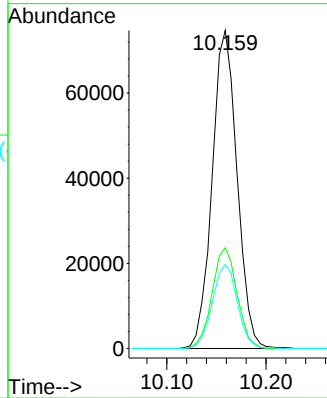
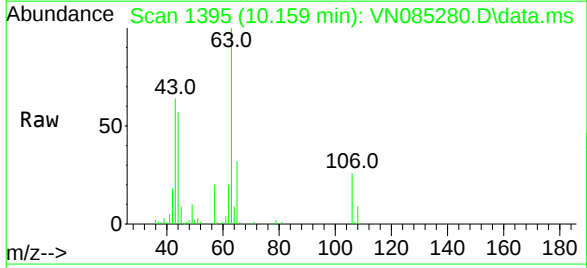




#55
2-Chloroethyl vinyl ether
Concen: 85.255 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

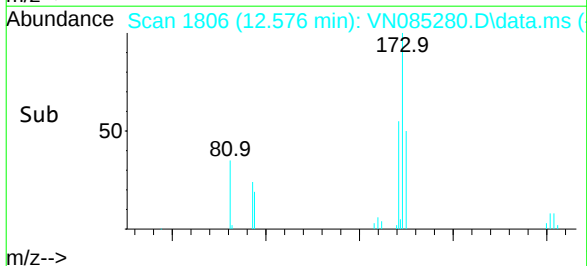
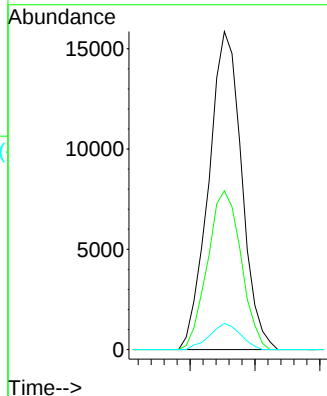
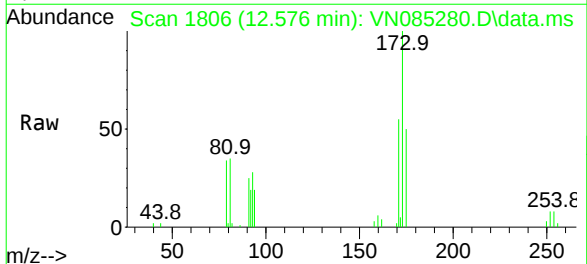
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

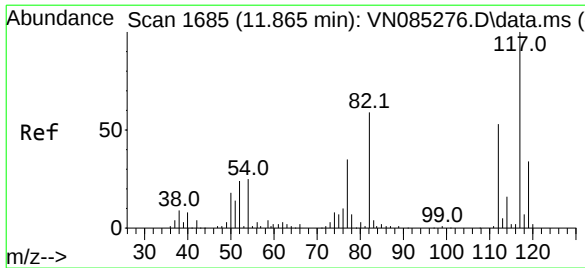
Tgt Ion: 63 Resp: 130171
Ion Ratio Lower Upper
63 100
65 31.7 25.9 38.9
106 26.5 21.2 31.8



#56
Bromoform
Concen: 18.723 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 173 Resp: 28048
Ion Ratio Lower Upper
173 100
175 50.6 39.4 59.2
254 7.7 7.2 10.8

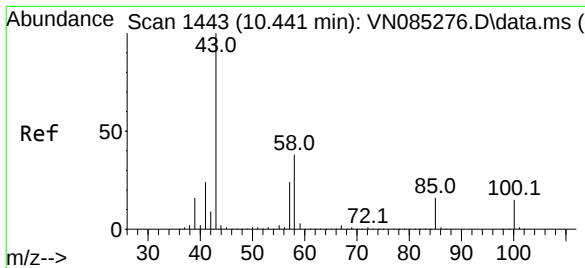
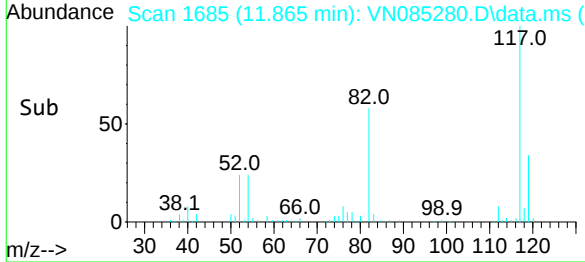
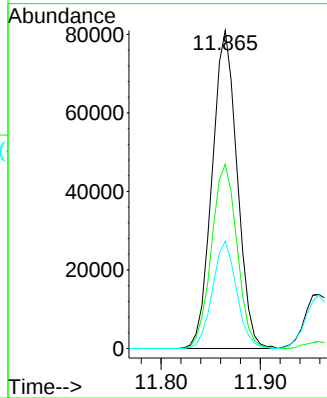
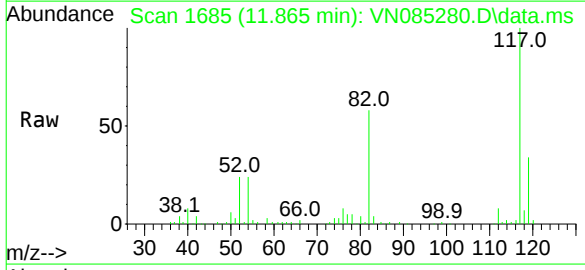




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

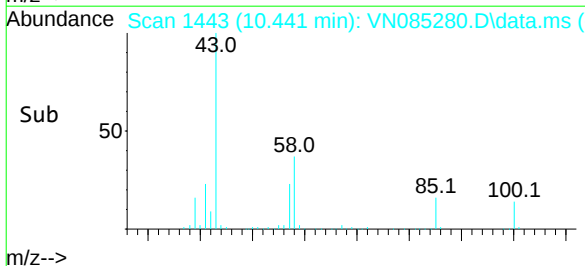
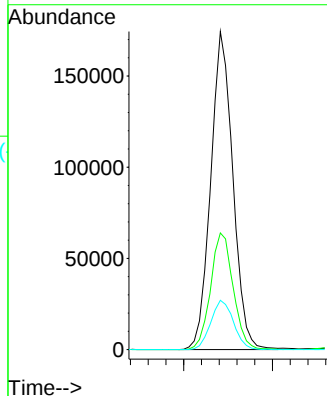
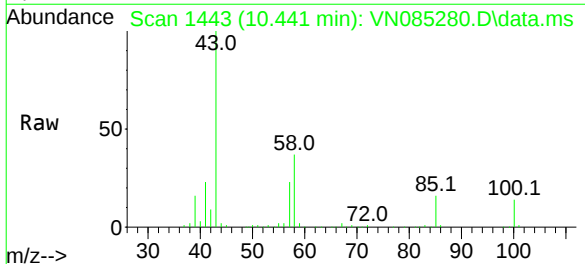
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

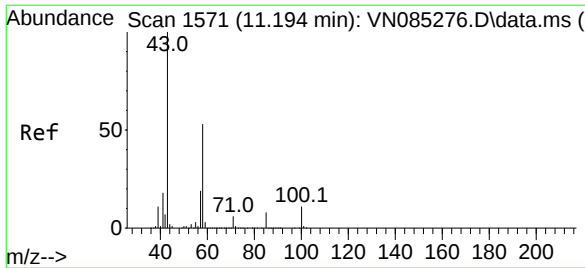
Tgt Ion:117 Resp: 142114
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 32.5 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 104.954 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 43 Resp: 302374
Ion Ratio Lower Upper
43 100
58 37.4 29.2 43.8
85 15.9 12.8 19.2





#59

2-Hexanone

Concen: 104.893 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

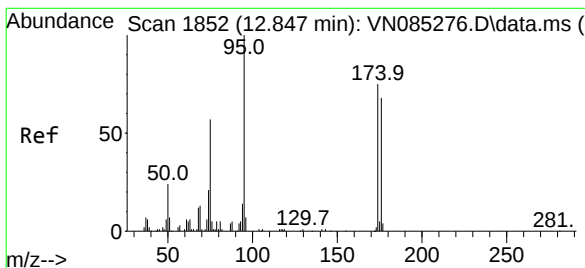
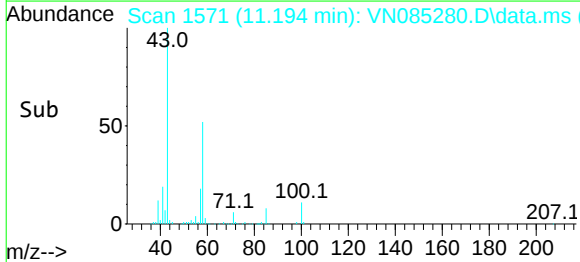
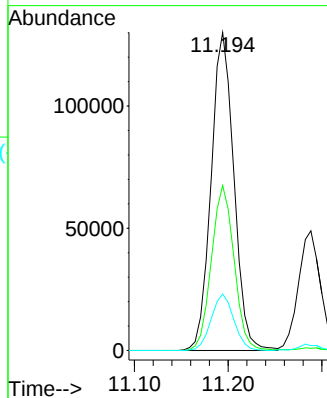
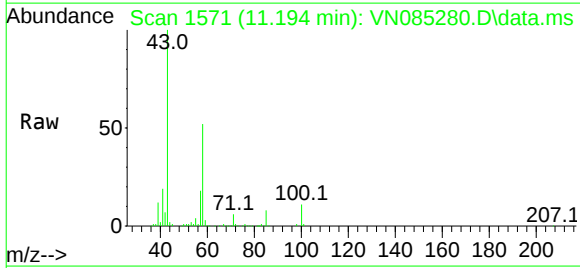
Tgt Ion: 43 Resp: 219534

Ion Ratio Lower Upper

43 100

58 51.4 40.2 60.4

57 17.7 14.2 21.4



#60

4-Bromofluorobenzene

Concen: 30.397 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

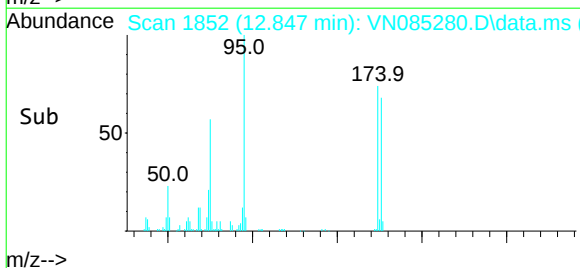
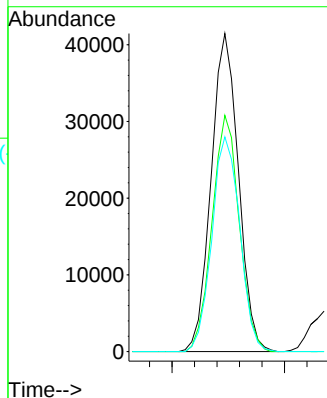
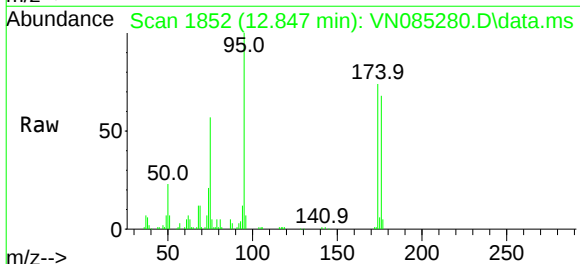
Tgt Ion: 95 Resp: 69975

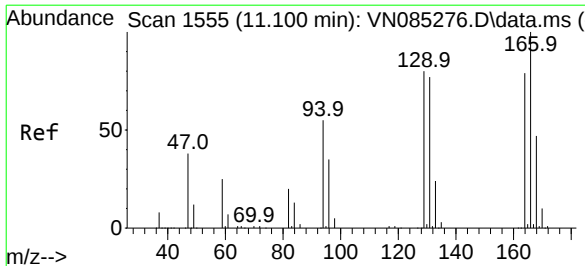
Ion Ratio Lower Upper

95 100

174 73.8 57.8 86.8

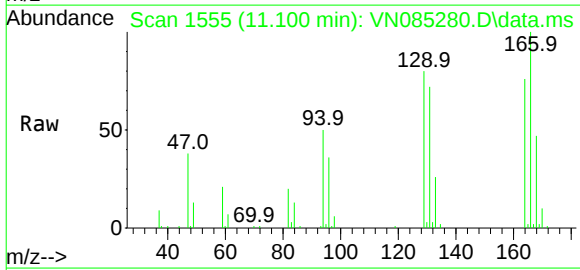
176 68.8 57.1 85.7



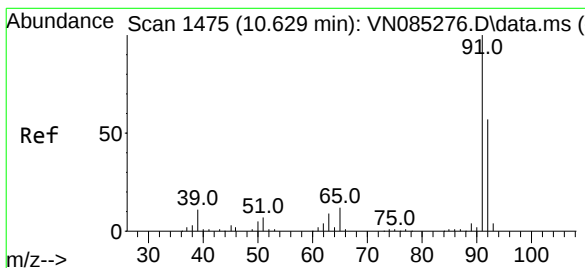
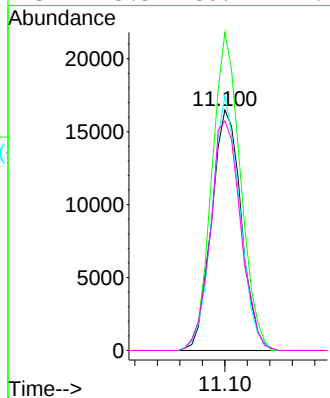
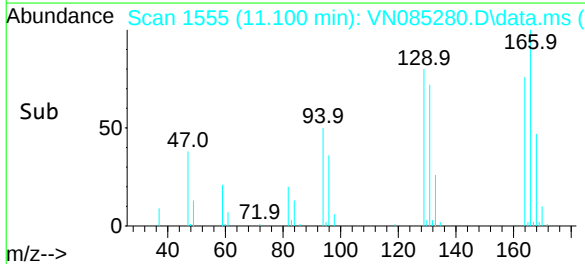


#61
Tetrachloroethene
Concen: 19.007 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

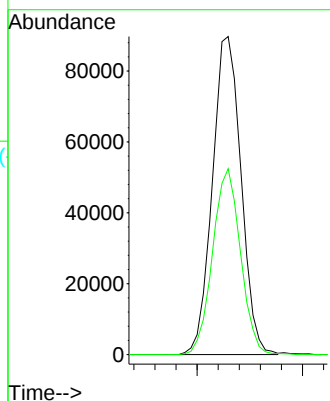
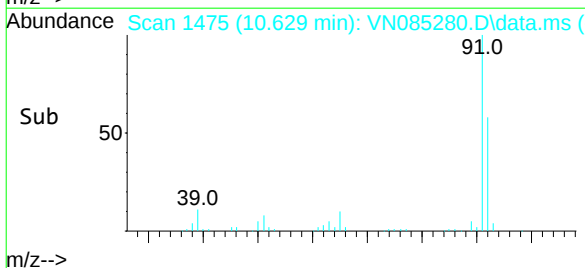
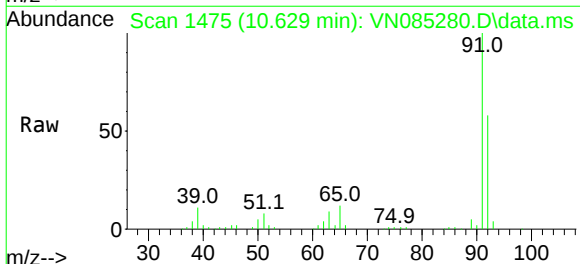


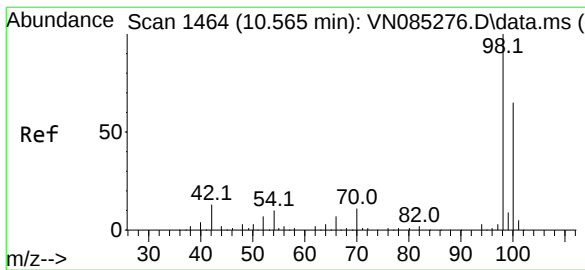
Tgt Ion:164 Resp: 30155
Ion Ratio Lower Upper
164 100
166 132.3 109.0 163.4
129 105.7 85.1 127.7
131 95.5 80.7 121.1



#62
Toluene
Concen: 19.412 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 91 Resp: 169481
Ion Ratio Lower Upper
91 100
92 56.7 45.9 68.9





#63

Toluene-d8

Concen: 29.741 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

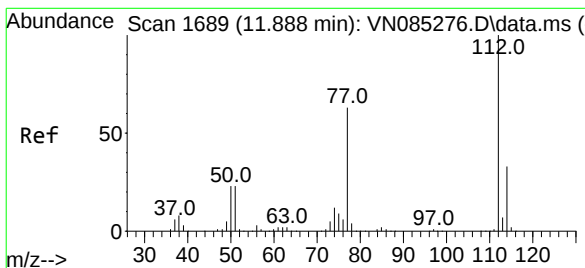
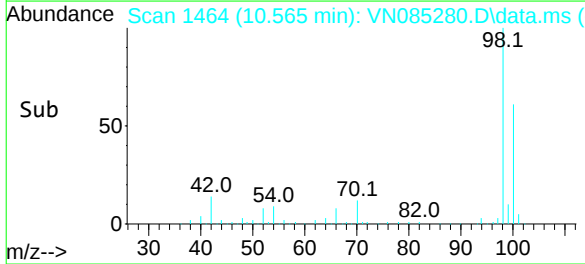
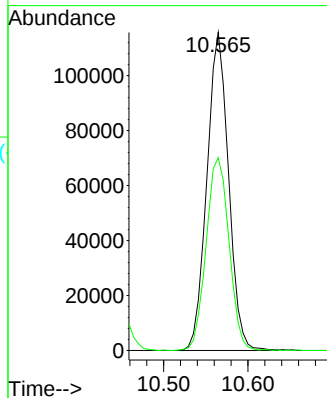
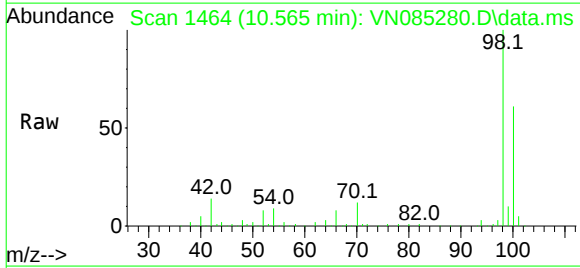
VN1220WBSD01

Tgt Ion: 98 Resp: 206382

Ion Ratio Lower Upper

98 100

100 64.0 50.8 76.2



#64

Chlorobenzene

Concen: 19.308 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085280.D

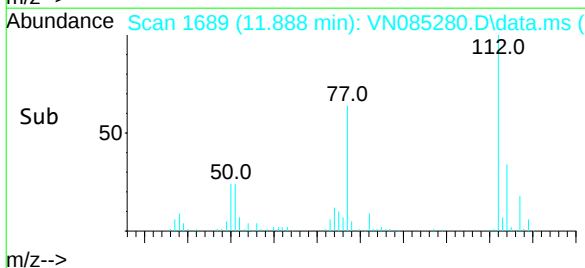
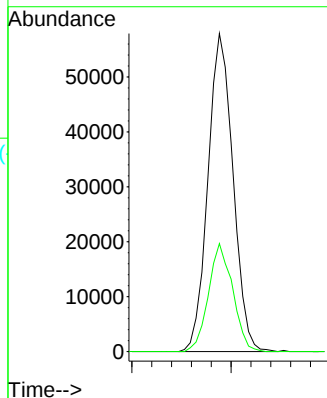
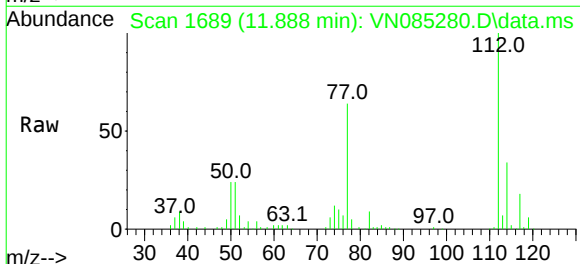
Acq: 20 Dec 2024 13:42

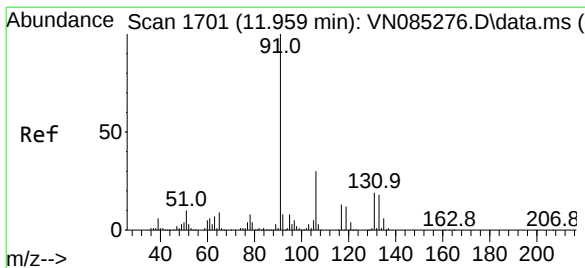
Tgt Ion: 112 Resp: 101671

Ion Ratio Lower Upper

112 100

114 34.0 26.4 39.6

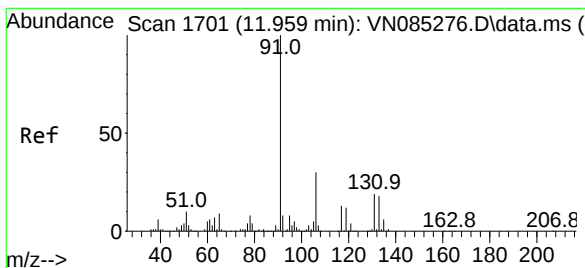
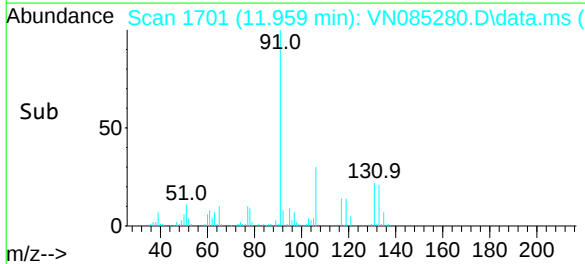
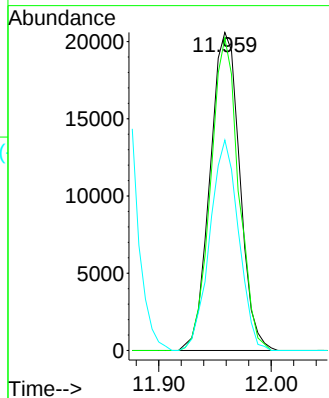
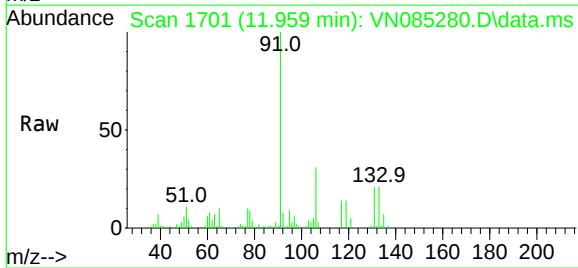




#65
1,1,1,2-Tetrachloroethane
Concen: 19.791 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

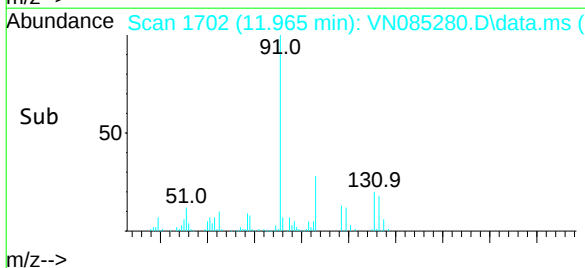
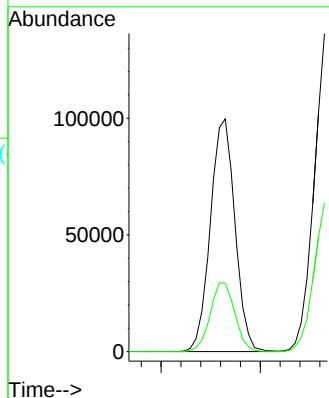
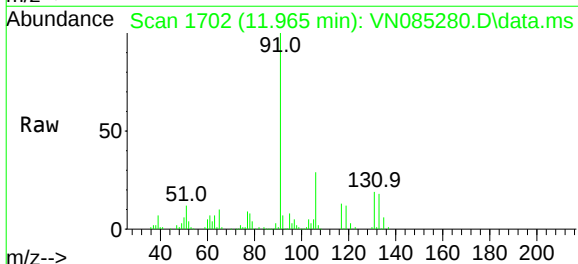
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

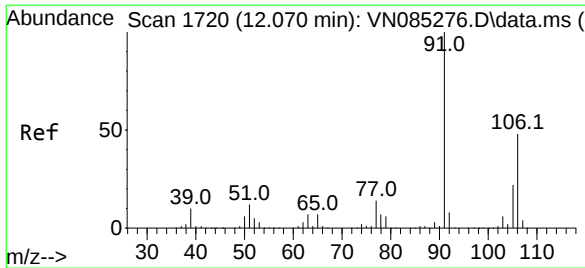
Tgt Ion: 131 Resp: 37794
Ion Ratio Lower Upper
131 100
133 92.6 0.0 189.4
119 64.2 0.0 135.0



#66
Ethyl Benzene
Concen: 18.711 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 91 Resp: 171895
Ion Ratio Lower Upper
91 100
106 29.5 23.2 34.8

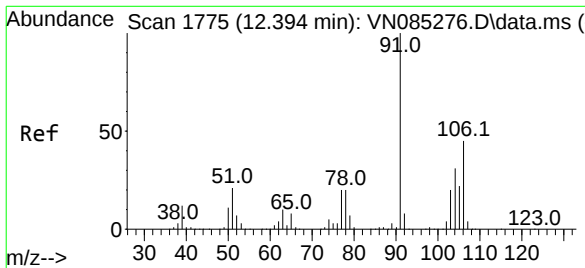
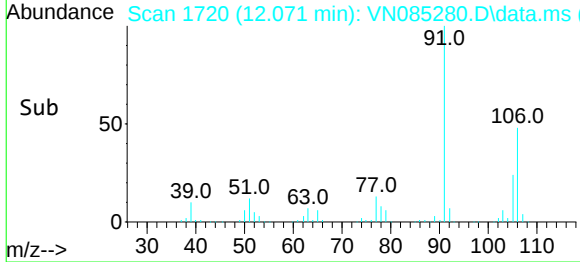
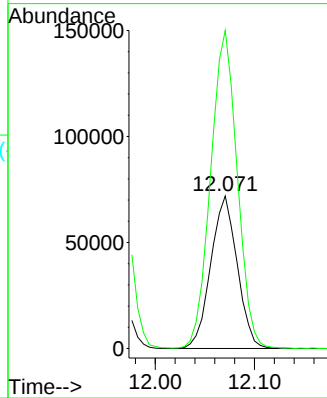
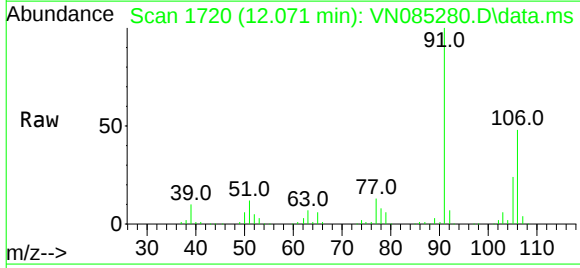




#67
m/p-Xylenes
Concen: 38.614 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

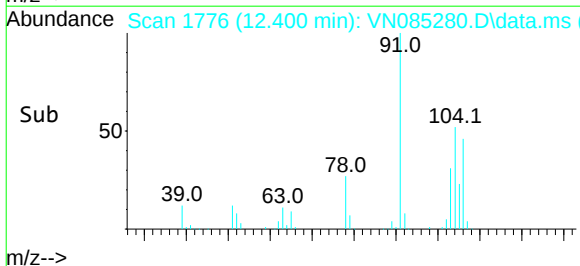
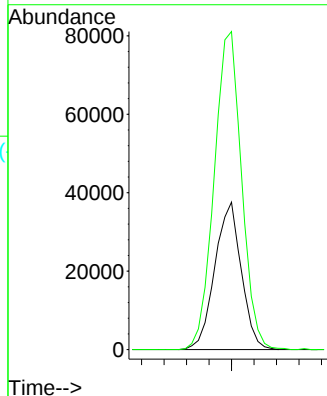
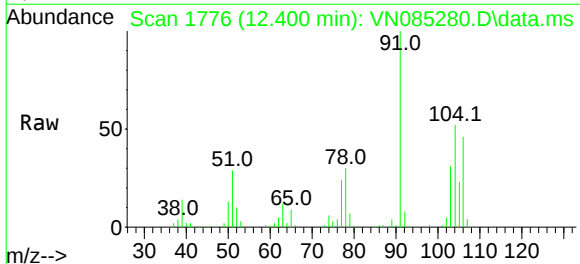
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

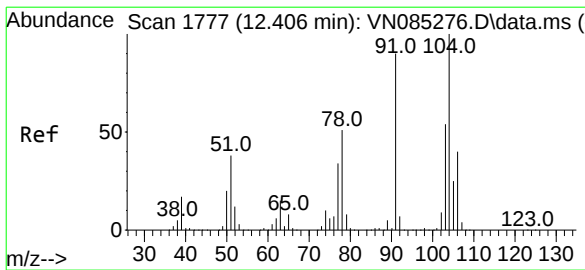
Tgt Ion:106 Resp: 133083
Ion Ratio Lower Upper
106 100
91 210.2 167.0 250.4



#68
o-Xylene
Concen: 18.715 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion:106 Resp: 61439
Ion Ratio Lower Upper
106 100
91 223.5 110.6 331.8





#69

Styrene

Concen: 19.085 ug/l

RT: 12.412 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

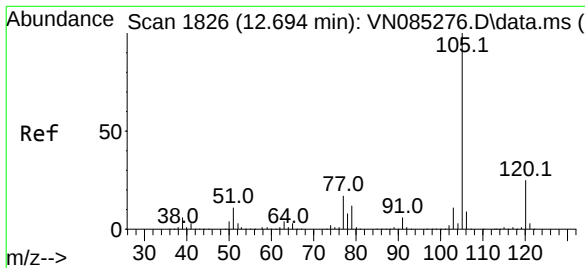
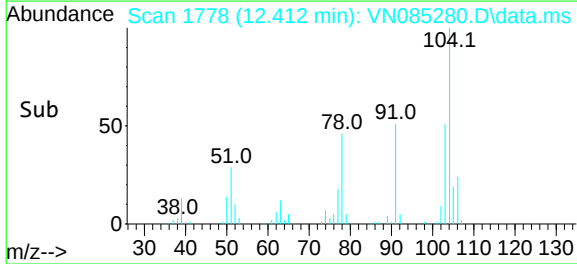
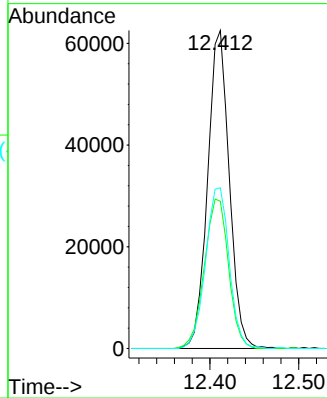
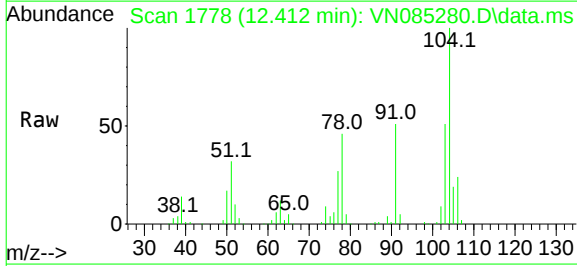
Tgt Ion:104 Resp: 105884

Ion Ratio Lower Upper

104 100

78 52.6 41.0 61.4

103 55.3 44.8 67.2



#70

Isopropylbenzene

Concen: 19.068 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085280.D

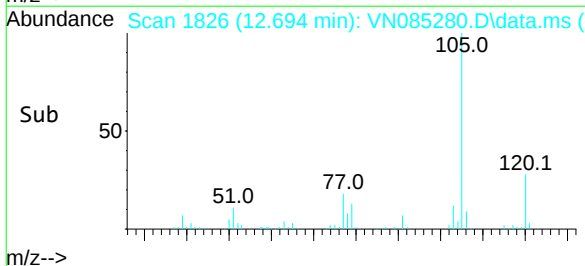
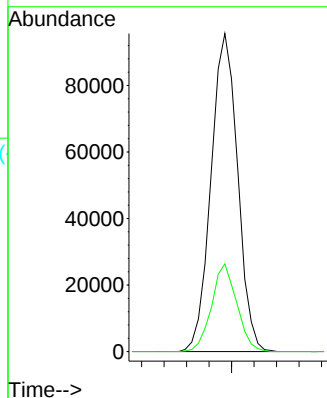
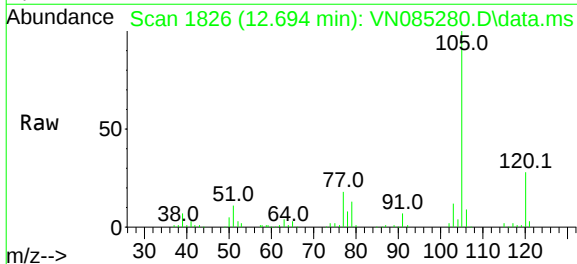
Acq: 20 Dec 2024 13:42

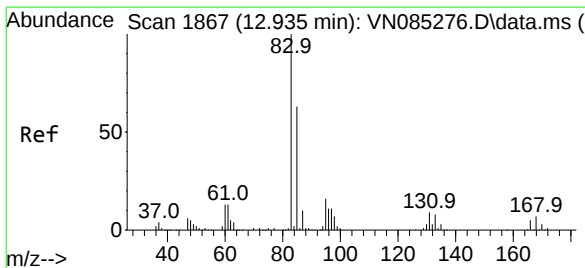
Tgt Ion:105 Resp: 157181

Ion Ratio Lower Upper

105 100

120 26.1 18.4 34.2





#71

1,1,2,2-Tetrachloroethane

Concen: 19.363 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

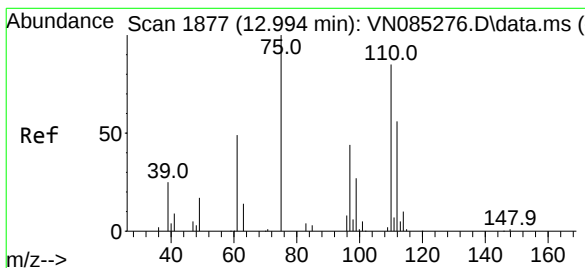
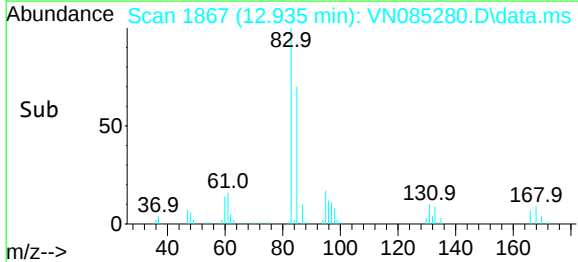
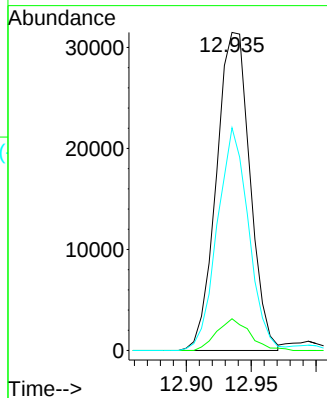
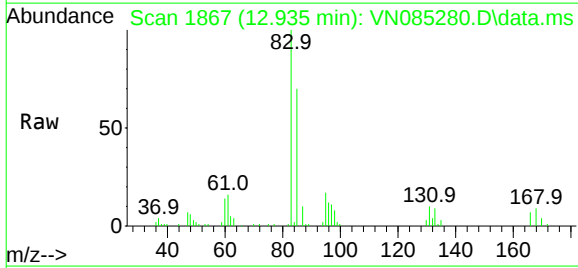
Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

Tgt Ion:	83	Resp:	56612
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	65.6	33.0	98.9



#72

1,2,3-Trichloropropane

Concen: 21.445 ug/l m

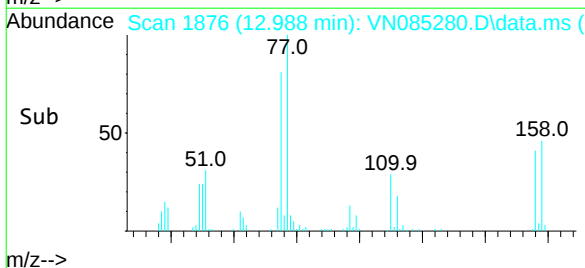
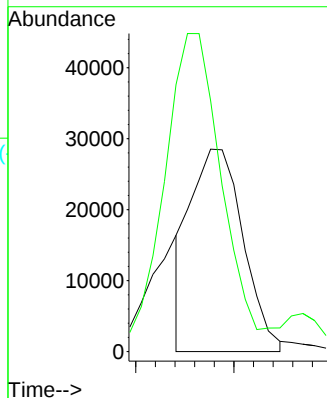
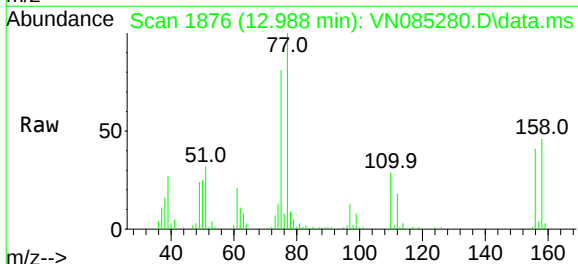
RT: 12.988 min Scan# 1876

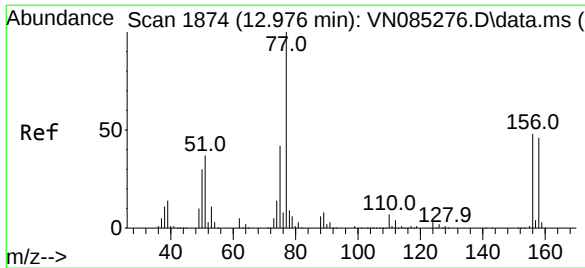
Delta R.T. -0.006 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Tgt Ion:	75	Resp:	53362
Ion Ratio	Lower	Upper	
75	100		
77	170.5	0.0	407.2





#73

Bromobenzene

Concen: 19.238 ug/l

RT: 12.982 min Scan# 1874

Delta R.T. 0.006 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

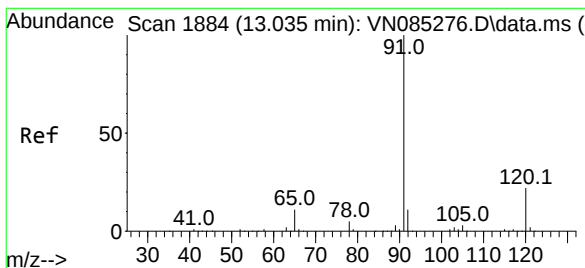
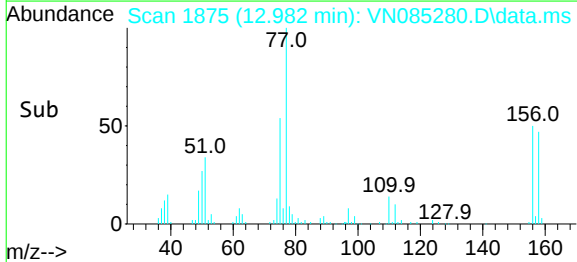
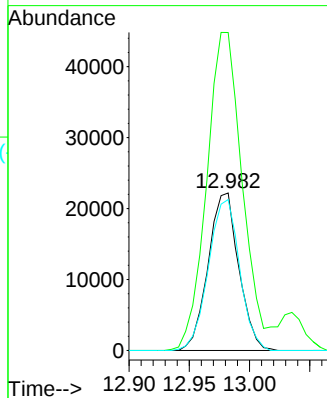
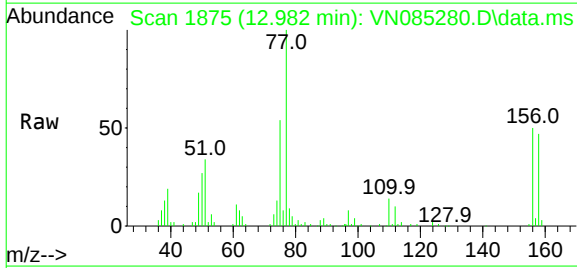
Tgt Ion:156 Resp: 39178

Ion Ratio Lower Upper

156 100

77 232.3 0.0 462.6

158 97.8 0.0 186.4



#74

n-propylbenzene

Concen: 18.963 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085280.D

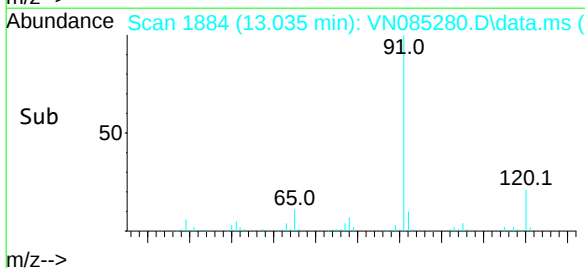
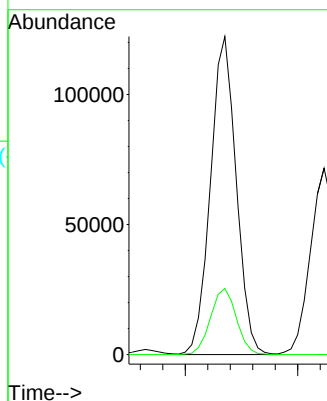
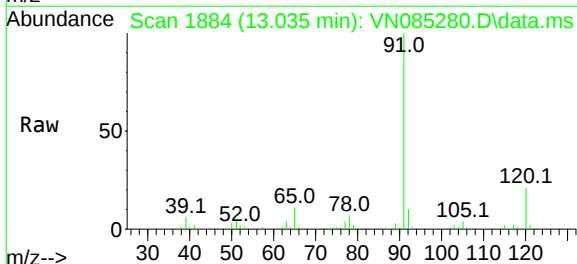
Acq: 20 Dec 2024 13:42

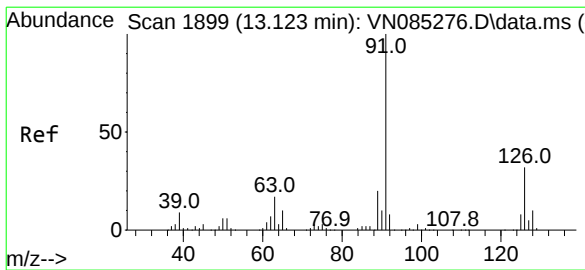
Tgt Ion: 91 Resp: 194748

Ion Ratio Lower Upper

91 100

120 20.9 0.0 41.4

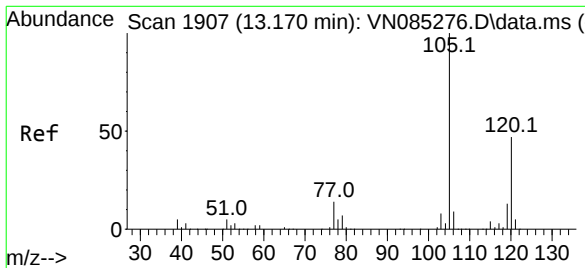
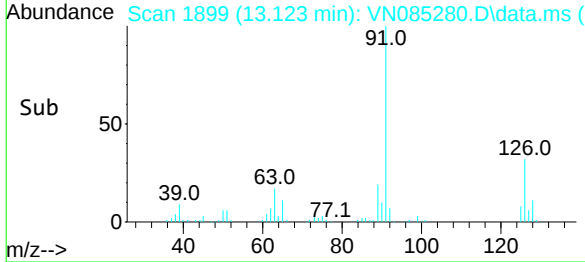
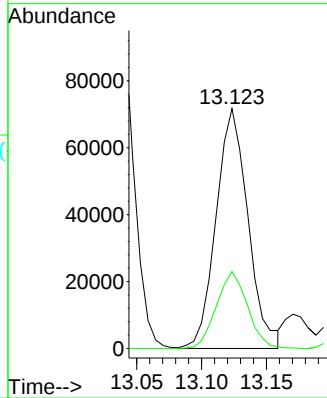
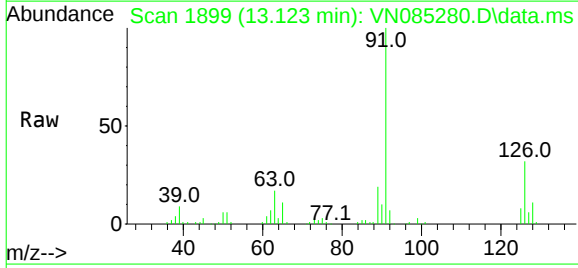




#75
2-Chlorotoluene
Concen: 19.855 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

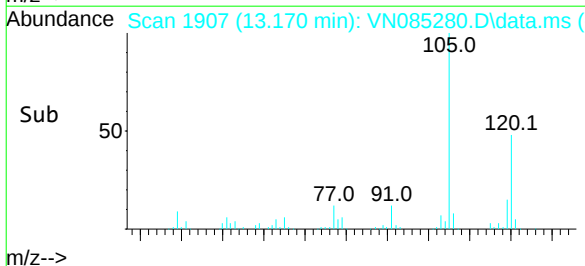
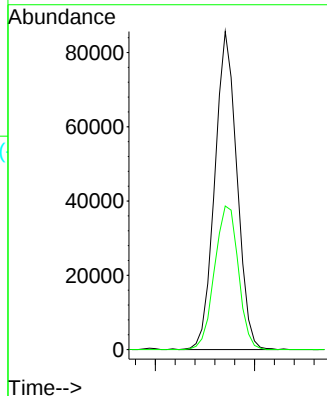
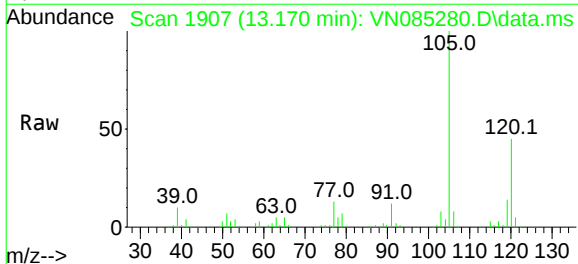
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

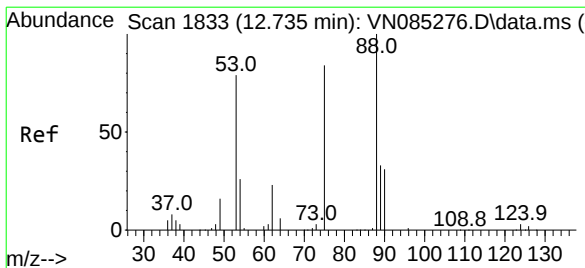
Tgt Ion: 91 Resp: 122836
Ion Ratio Lower Upper
91 100
126 31.1 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 18.891 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 105 Resp: 132872
Ion Ratio Lower Upper
105 100
120 48.5 0.0 95.0

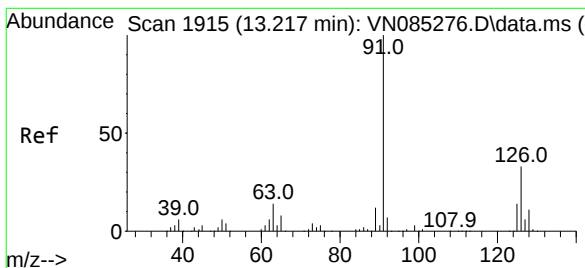
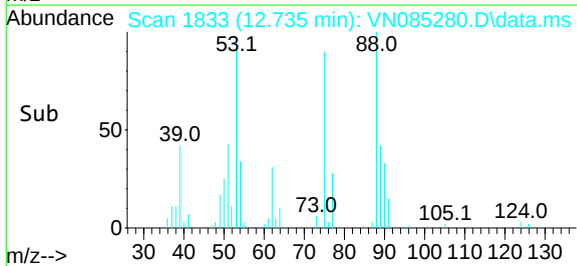
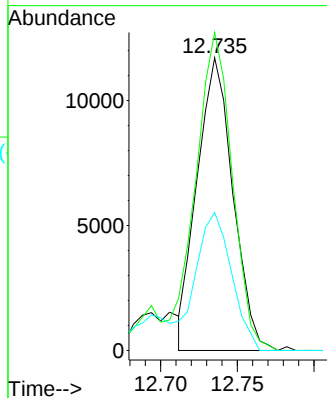
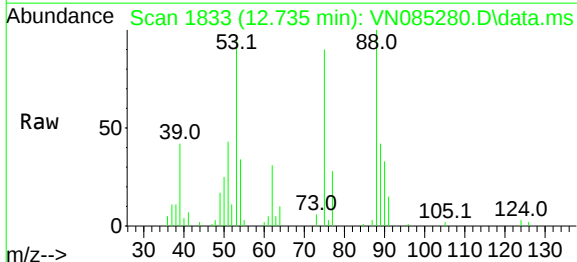




#77
t-1,4-Dichloro-2-butene
Concen: 18.672 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

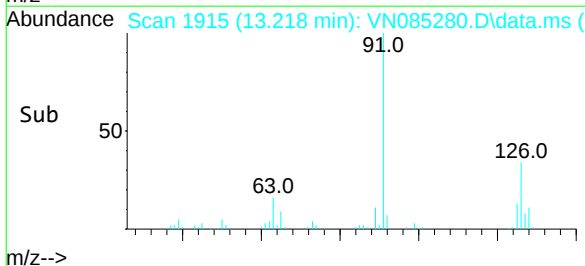
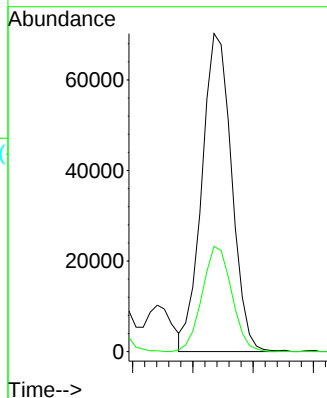
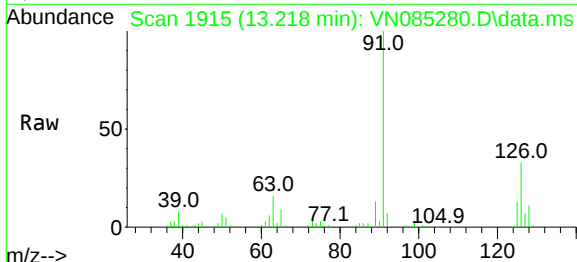
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

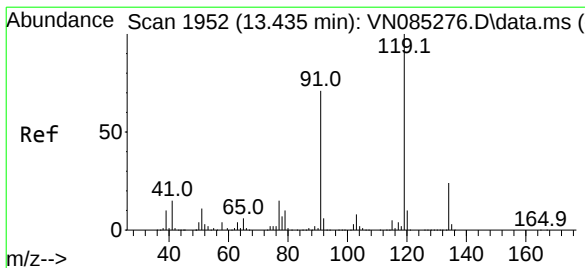
Tgt Ion:	75	Resp:	18989
Ion	Ratio	Lower	Upper
75	100		
53	108.7	54.9	164.5
89	47.1	22.8	68.3



#78
4-Chlorotoluene
Concen: 19.151 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion:	91	Resp:	120464
Ion	Ratio	Lower	Upper
91	100		
126	32.9	0.0	63.6





#79

tert-butylbenzene

Concen: 18.350 ug/l

RT: 13.435 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

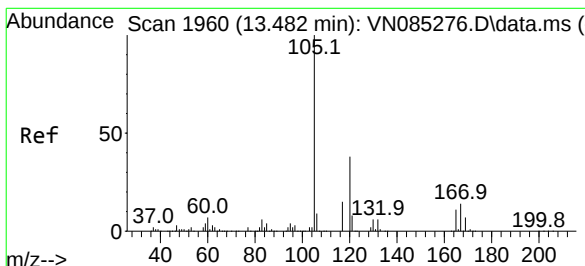
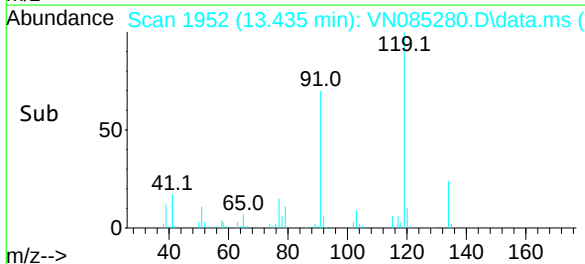
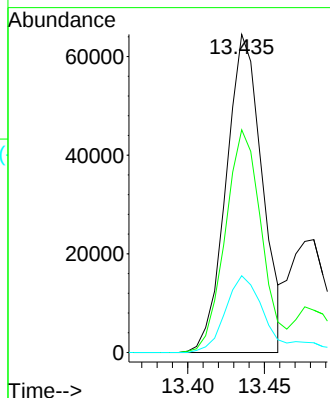
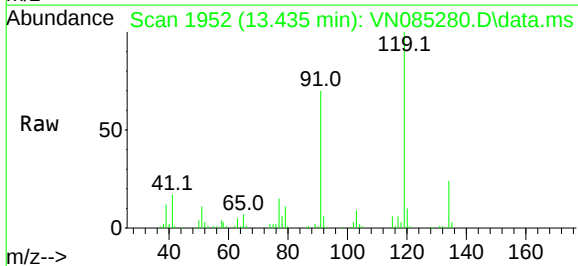
Tgt Ion:119 Resp: 105552

Ion Ratio Lower Upper

119 100

91 70.8 0.0 142.0

134 24.8 0.0 49.0



#80

1,2,4-Trimethylbenzene

Concen: 19.225 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN085280.D

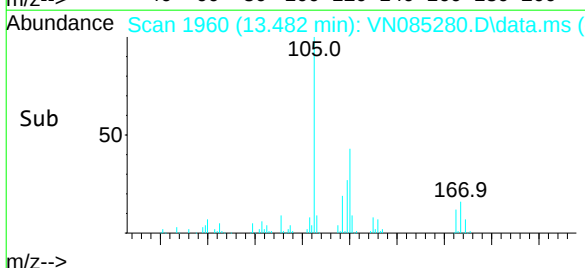
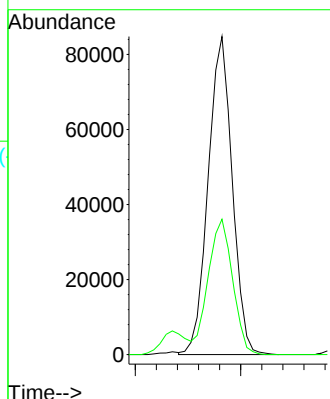
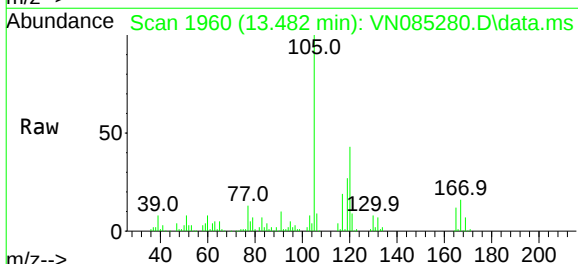
Acq: 20 Dec 2024 13:42

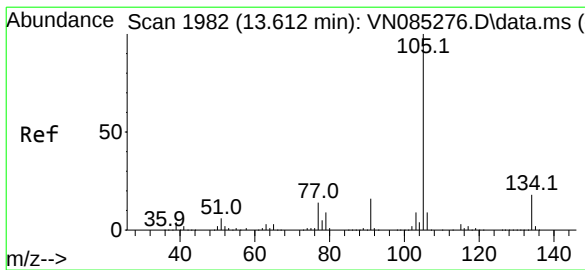
Tgt Ion:105 Resp: 134600

Ion Ratio Lower Upper

105 100

120 43.3 0.0 89.8

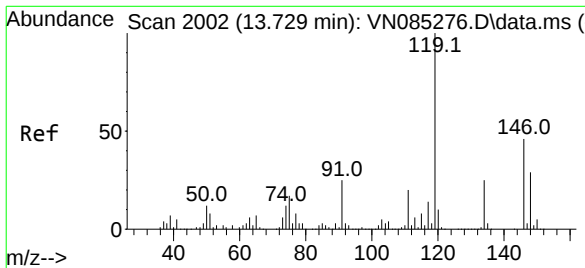
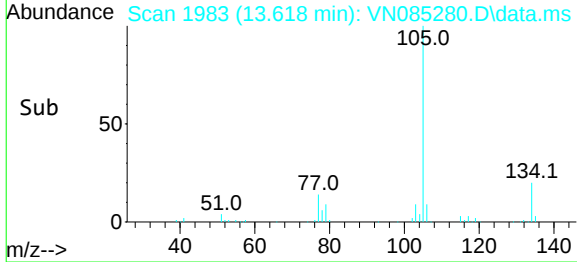
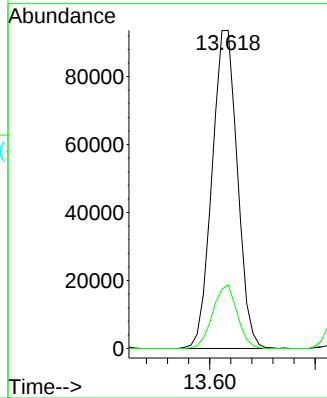
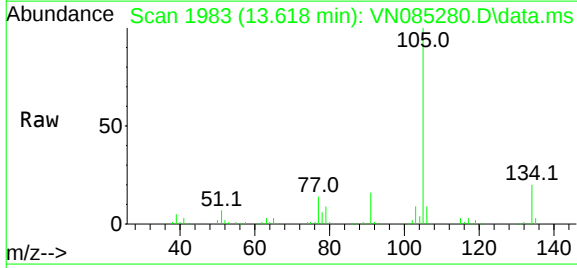




#81
sec-Butylbenzene
Concen: 18.834 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

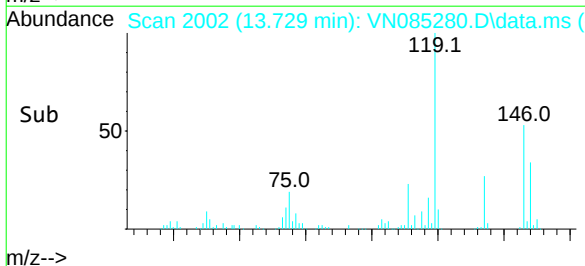
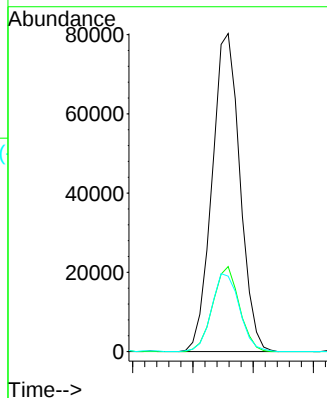
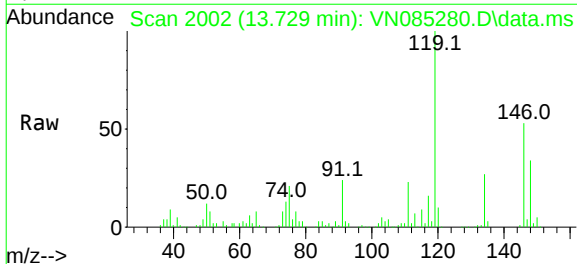
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

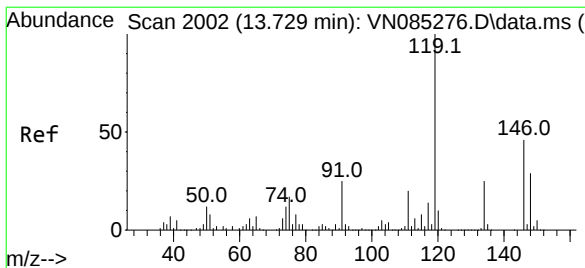
Tgt Ion:105 Resp: 156413
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.8



#82
p-Isopropyltoluene
Concen: 18.852 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion:119 Resp: 128939
Ion Ratio Lower Upper
119 100
134 25.4 0.0 51.4
91 24.7 0.0 51.4





#83

1,3-Dichlorobenzene

Concen: 19.307 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

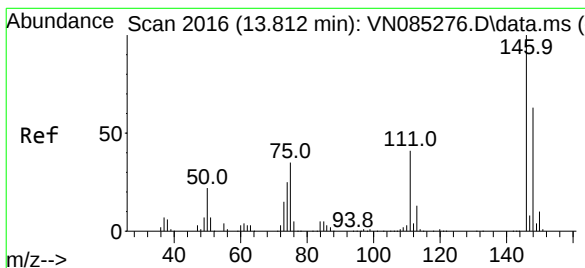
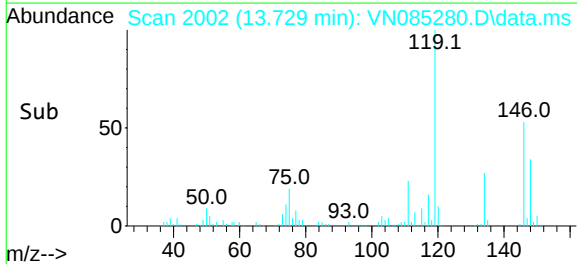
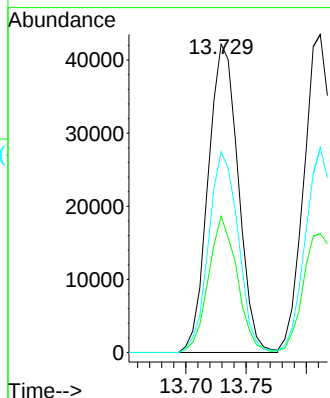
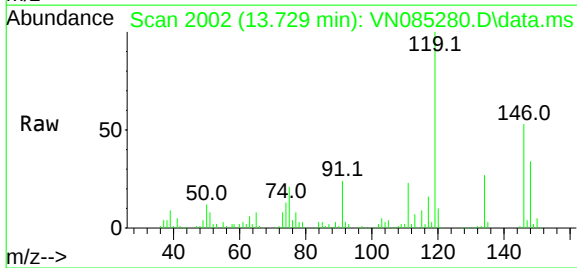
Tgt Ion:146 Resp: 73327

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.3

148 64.1 31.1 93.5



#84

1,4-Dichlorobenzene

Concen: 20.075 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

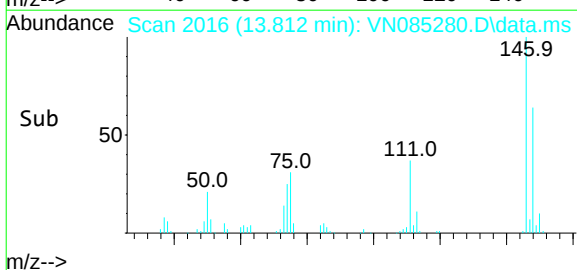
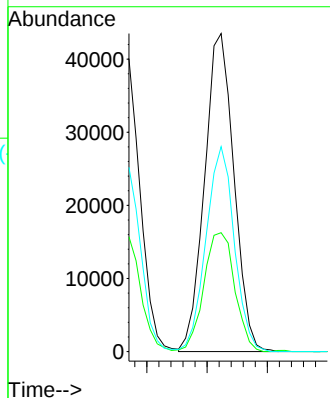
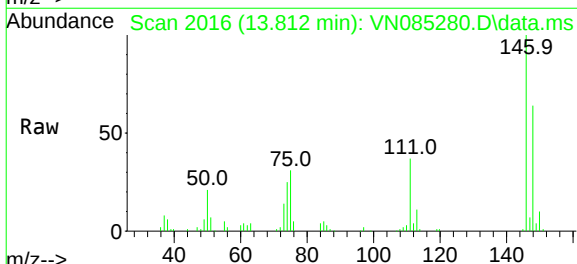
Tgt Ion:146 Resp: 73765

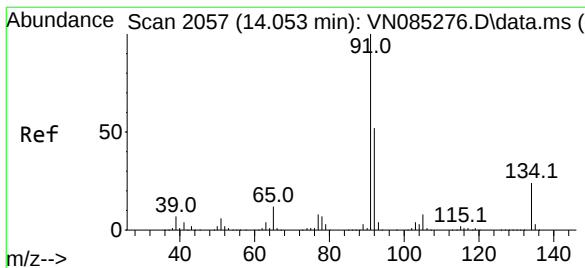
Ion Ratio Lower Upper

146 100

111 39.3 20.7 62.1

148 62.0 33.2 99.6

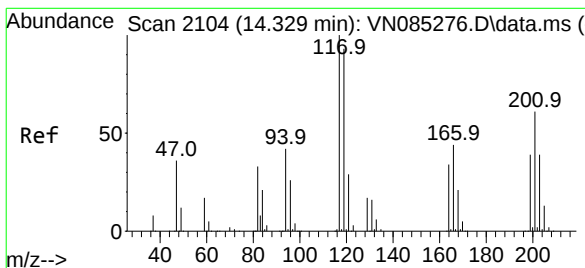
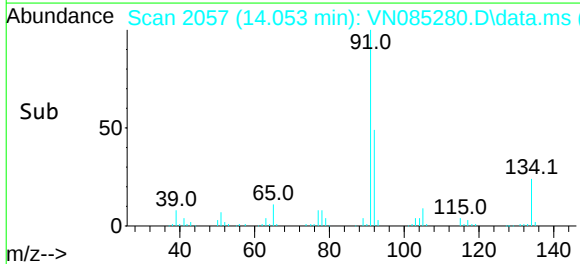
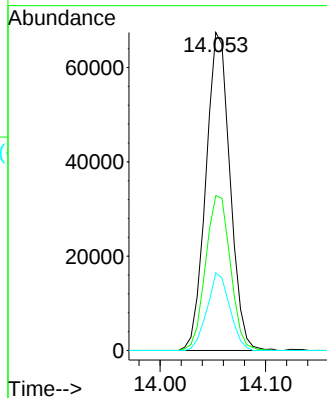
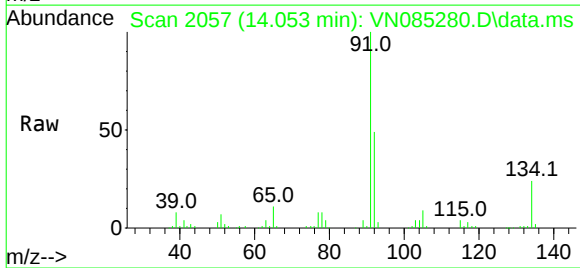




#85
n-Butylbenzene
Concen: 18.170 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

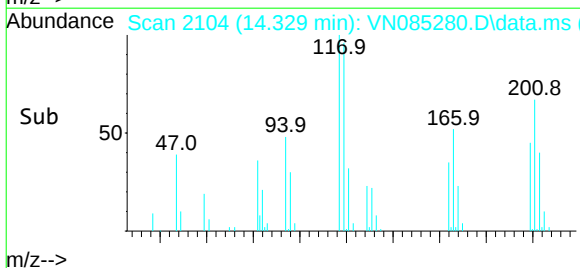
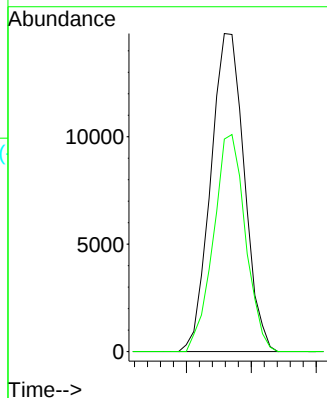
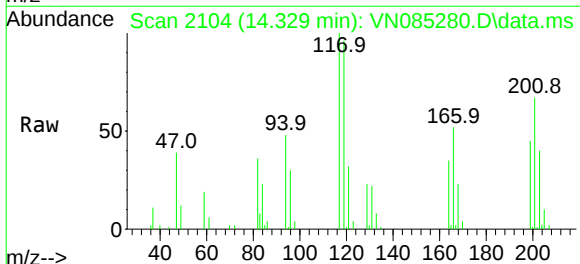
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

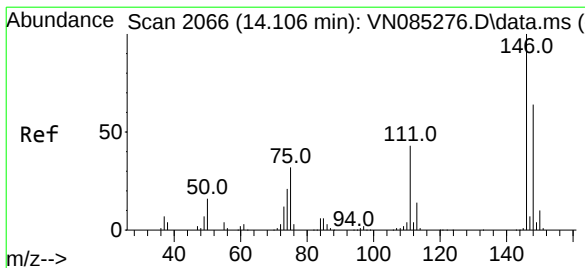
Tgt Ion: 91 Resp: 107294
Ion Ratio Lower Upper
91 100
92 50.0 0.0 102.0
134 23.1 0.0 46.4



#86
Hexachloroethane
Concen: 18.116 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085280.D
Acq: 20 Dec 2024 13:42

Tgt Ion: 117 Resp: 26600
Ion Ratio Lower Upper
117 100
201 65.1 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 19.711 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085280.D

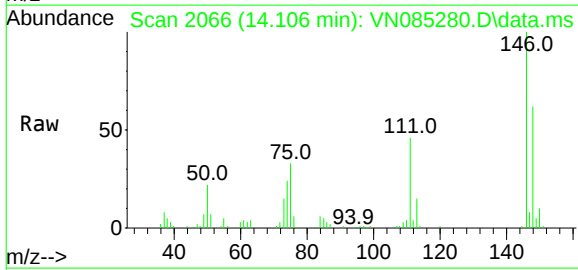
Acq: 20 Dec 2024 13:42

Instrument :

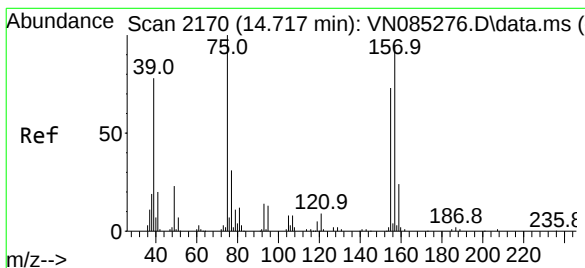
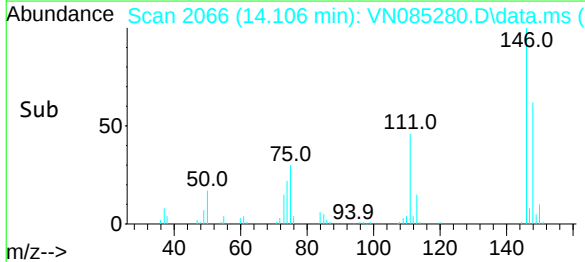
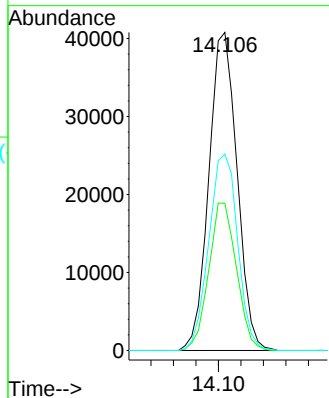
MSVOA_N

ClientSampleId :

VN1220WBSD01



Tgt Ion:	146	Resp:	71122
Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.1	66.3
148	63.2	32.5	97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.160 ug/l

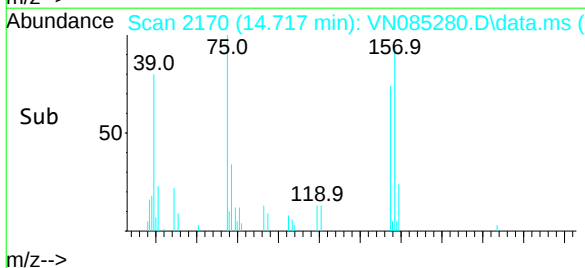
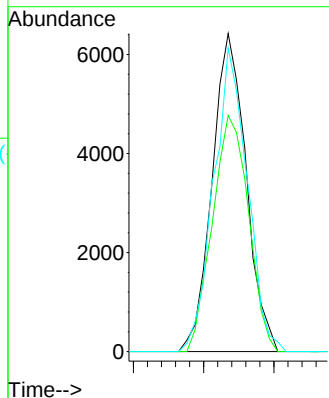
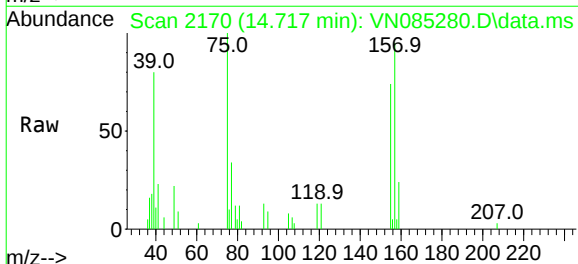
RT: 14.717 min Scan# 2170

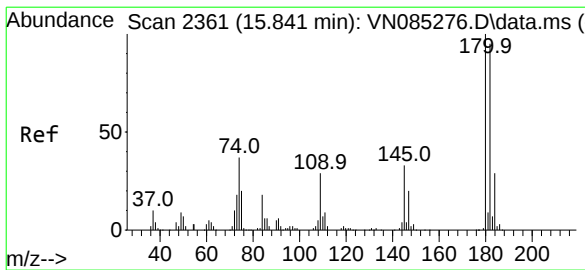
Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Tgt Ion:	75	Resp:	10760
Ion	Ratio	Lower	Upper
75	100		
155	78.9	53.4	80.0
157	94.9	74.2	111.4





#89

1,2,4-Trichlorobenzene

Concen: 20.028 ug/l

RT: 15.835 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

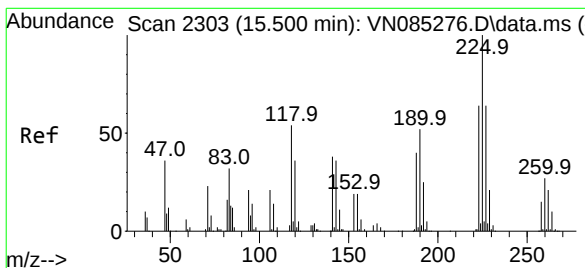
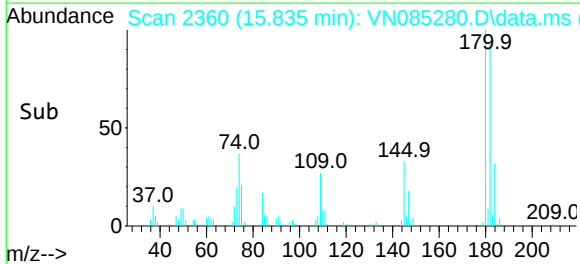
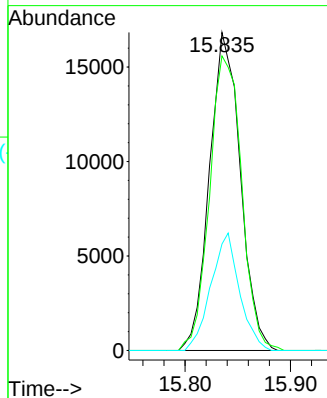
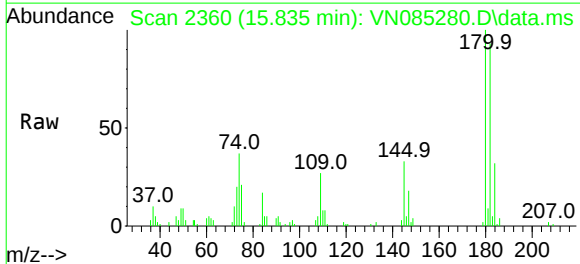
Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

Tgt Ion:	180	Resp:	34236
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.5	114.7
145	34.2	27.4	41.2



#90

Hexachlorobutadiene

Concen: 19.641 ug/l

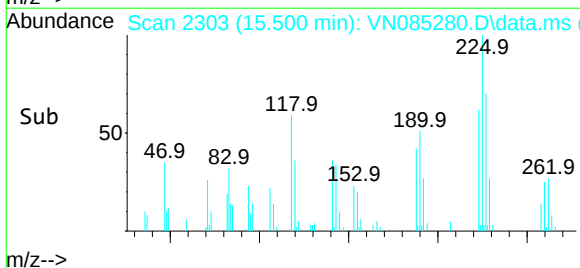
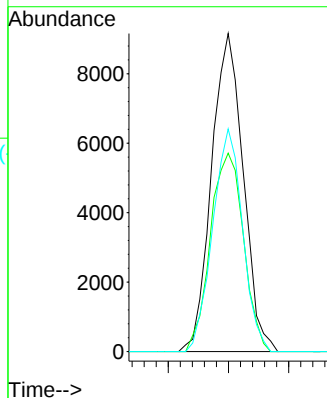
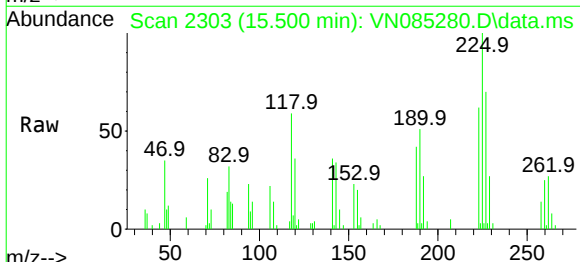
RT: 15.500 min Scan# 2303

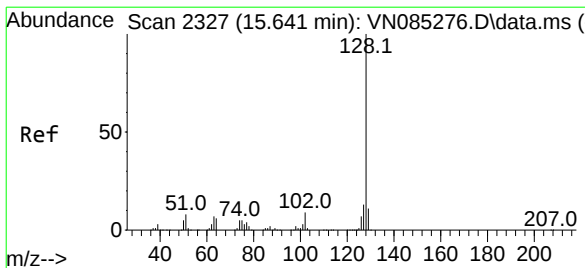
Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Tgt Ion:	225	Resp:	16736
Ion Ratio	Lower	Upper	
225	100		
223	65.1	0.0	116.2
227	66.0	0.0	116.4





#91

Naphthalene

Concen: 19.273 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

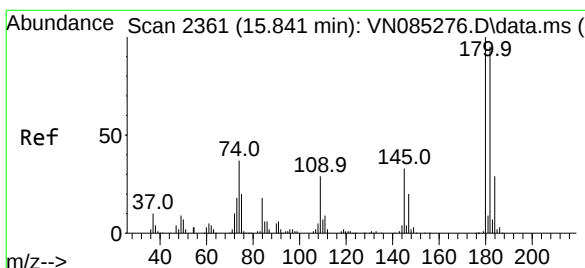
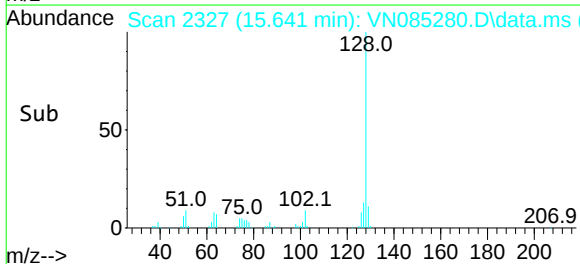
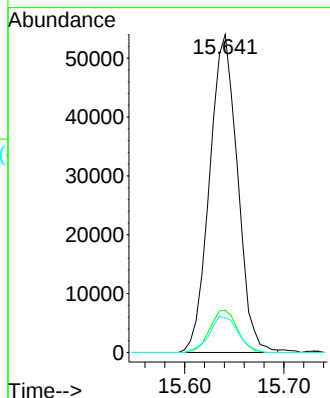
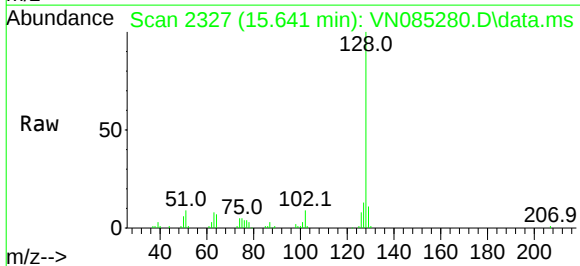
Tgt Ion:128 Resp: 105853

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.6 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 20.028 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085280.D

Acq: 20 Dec 2024 13:42

Tgt Ion:180 Resp: 34236

Ion Ratio Lower Upper

180 100

182 96.2 0.0 191.2

145 34.2 0.0 68.6

