

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
 Data File : VN077286.D
 Acq On : 10 Apr 2023 10:57
 Operator : JC\MD
 Sample : VN0410WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBSD01

Quant Time: Apr 11 01:21:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	56670	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	401324	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	451062	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	146869	30.558	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.867%
60) 4-Bromofluorobenzene	12.848	95	232518	29.812	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.367%
63) Toluene-d8	10.566	98	465464	29.354	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.833%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	94618	17.562	ug/l	99
3) Chloromethane	2.372	50	123021	17.188	ug/l	95
4) Vinyl Chloride	2.525	62	161784	15.781	ug/l	93
5) Bromomethane	2.966	94	127936	16.561	ug/l	93
6) Chloroethane	3.131	64	127691	18.582	ug/l	96
7) Trichlorofluoromethane	3.507	101	166911	17.485	ug/l	90
8) Diethyl Ether	3.972	74	81915	20.133	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	110096	18.444	ug/l	98
10) 1,1-Dichloroethene	4.349	96	104219	17.453	ug/l	95
11) Methyl Iodide	4.601	142	135327	20.059	ug/l	99
12) Methyl Acetate	5.025	43	173064	19.453	ug/l	90
13) Acrolein	4.184	56	108490	98.242	ug/l	94
14) Acrylonitrile	5.725	53	296193	97.398	ug/l	99
15) Acetone	4.431	58	91732	83.147	ug/l	97
16) Carbon Disulfide	4.719	76	270855	17.185	ug/l	98
17) Allyl chloride	5.037	41	137196	17.848	ug/l	90
18) Methylene Chloride	5.284	84	134296	19.366	ug/l	98
19) trans-1,2-Dichloroethene	5.795	96	117680	18.124	ug/l	93
20) Diisopropyl ether	6.678	45	345015	18.832	ug/l	99
21) 1,1-Dichloroethane	6.578	63	218442	18.811	ug/l	99
22) cis-1,2-Dichloroethene	7.490	96	150574	19.023	ug/l	98
23) tert-Butyl Alcohol	5.519	59	125915	93.118	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	434852	20.228	ug/l	100
25) Chloroform	7.972	83	239722	19.048	ug/l	99
26) Cyclohexane	8.260	56	177031	17.544	ug/l #	99
29) 1,1-Dichloropropene	8.378	75	162009	18.635	ug/l	95
30) 2-Butanone	7.484	43	384679	93.569	ug/l	100
31) 2,2-Dichloropropane	7.495	77	204479	19.160	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	207665	19.410	ug/l	100
33) Carbon Tetrachloride	8.366	117	176140	19.289	ug/l	93
34) Benzene	8.607	78	530792	19.732	ug/l	99
35) Methacrylonitrile	7.784	41	77804	20.090	ug/l	92
36) 1,2-Dichloroethane	8.678	62	179511	21.285	ug/l	99
37) Trichloroethene	9.354	130	127904	19.439	ug/l	82
38) Methylcyclohexane	9.607	83	223902	18.989	ug/l	100
39) 1,2-Dichloropropane	9.619	63	138157	20.689	ug/l	100
40) Dibromomethane	9.713	93	101563	21.109	ug/l	99
41) Bromodichloromethane	9.889	83	198917	20.733	ug/l	97
42) Vinyl Acetate	6.607	43	1222660	102.757	ug/l #	100

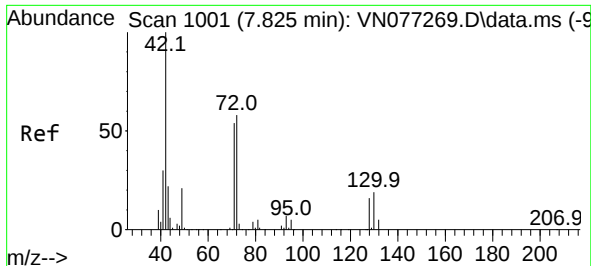
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	150532m	19.791	ug/l	
44) Isopropyl Acetate	8.689	43	280005	20.560	ug/l #	100
45) 1,4-Dioxane	9.695	88	56762	395.202	ug/l	97
46) Methyl methacrylate	9.683	41	120750	20.594	ug/l	92
47) n-amyl Acetate	12.495	43	239948	20.161	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	225642	21.015	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	241983	21.184	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	147797	21.148	ug/l	94
51) Ethyl methacrylate	10.878	69	226558	21.110	ug/l	99
52) 1,3-Dichloropropane	11.166	76	245523	21.050	ug/l	99
53) Dibromochloromethane	11.360	129	154795	21.015	ug/l	97
54) 1,2-Dibromoethane	11.466	107	146599	20.896	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	287125	86.652	ug/l	99
56) Bromoform	12.577	173	101527	20.519	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	829543	98.224	ug/l	98
59) 2-Hexanone	11.195	43	608270	93.178	ug/l	99
61) Tetrachloroethene	11.107	164	101484	18.916	ug/l	94
62) Toluene	10.630	91	605076	19.226	ug/l	100
64) Chlorobenzene	11.895	112	377378	19.737	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	144593	20.565	ug/l	99
66) Ethyl Benzene	11.966	91	682631	19.578	ug/l	95
67) m/p-Xylenes	12.072	106	526286	38.509	ug/l	98
68) o-Xylene	12.401	106	271807	19.880	ug/l	99
69) Styrene	12.413	104	432293	19.735	ug/l	99
70) Isopropylbenzene	12.695	105	680342	19.607	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	218858	20.597	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	177878m	24.627	ug/l	
73) Bromobenzene	12.983	156	141388	20.056	ug/l	97
74) n-propylbenzene	13.036	91	739693	19.267	ug/l	99
75) 2-Chlorotoluene	13.124	91	456814	19.863	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	552946	19.579	ug/l	100
77) t-1,4-Dichloro-2-butene	12.736	75	71225	19.360	ug/l	94
78) 4-Chlorotoluene	13.224	91	427563	19.675	ug/l	100
79) tert-butylbenzene	13.442	119	486486	19.793	ug/l	100
80) 1,2,4-Trimethylbenzene	13.483	105	534795	19.426	ug/l	99
81) sec-Butylbenzene	13.619	105	667359	19.012	ug/l	100
82) p-Isopropyltoluene	13.730	119	535410	19.039	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	257497	19.265	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	256166	19.754	ug/l	98
85) n-Butylbenzene	14.060	91	427574	18.399	ug/l	99
86) Hexachloroethane	14.336	117	110898	18.538	ug/l	97
87) 1,2-Dichlorobenzene	14.107	146	263660	20.132	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	39121	19.213	ug/l	99
89) 1,2,4-Trichlorobenzene	15.365	180	88639	17.206	ug/l	100
90) Hexachlorobutadiene	15.465	225	49701	18.811	ug/l	96
91) Naphthalene	15.589	128	334762	17.010	ug/l	99
92) 1,2,3-Trichlorobenzene	15.760	180	82858	16.484	ug/l	99

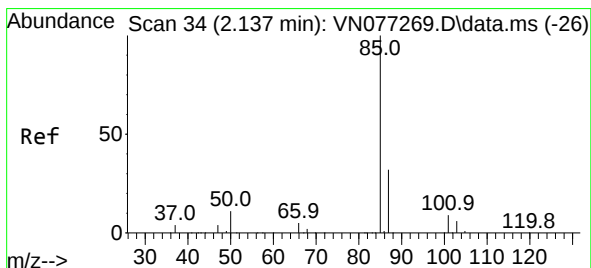
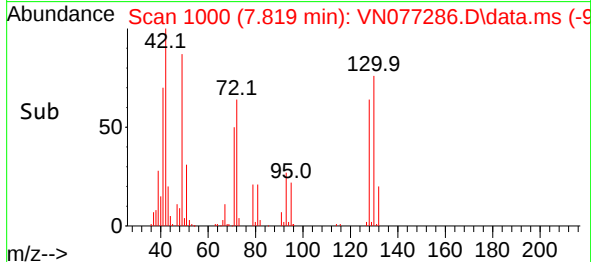
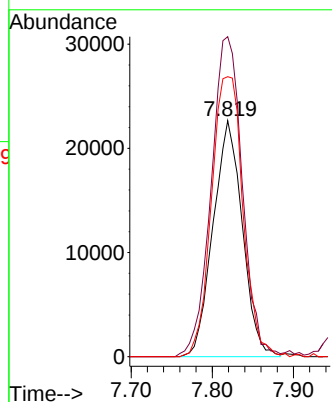
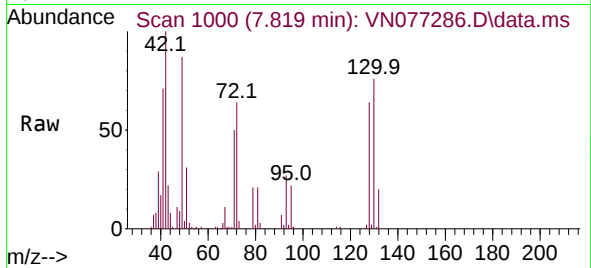
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077286.D
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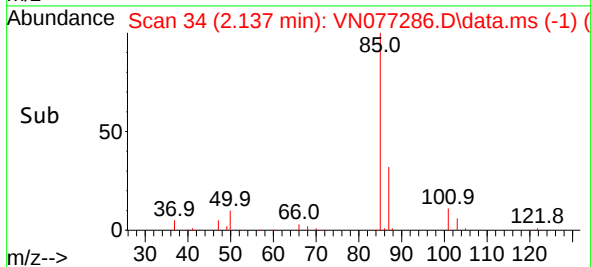
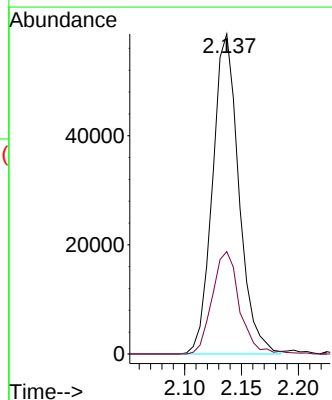
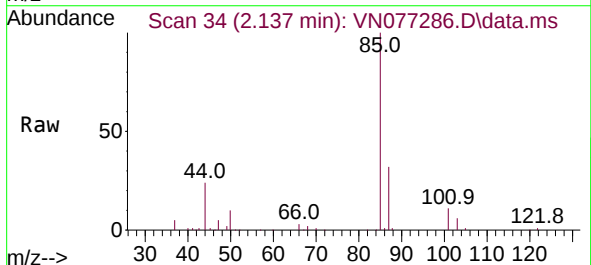
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

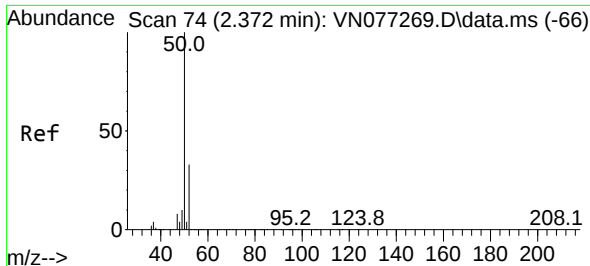
Tgt Ion:128 Resp: 56670
Ion Ratio Lower Upper
128 100
49 144.2 0.0 379.5
130 127.8 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 17.562 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 85 Resp: 94618
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6

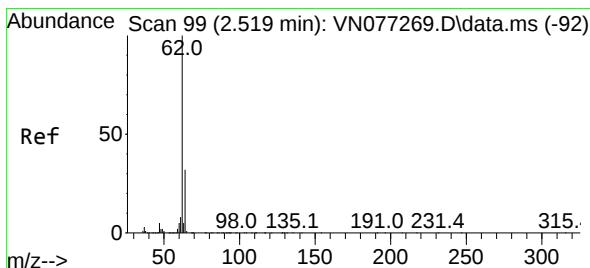
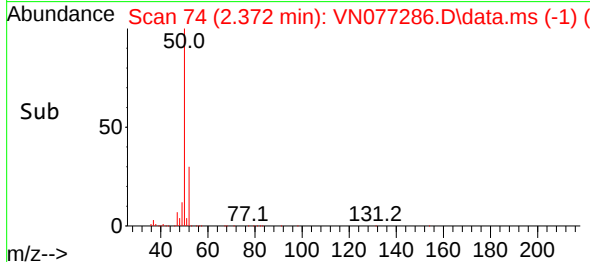
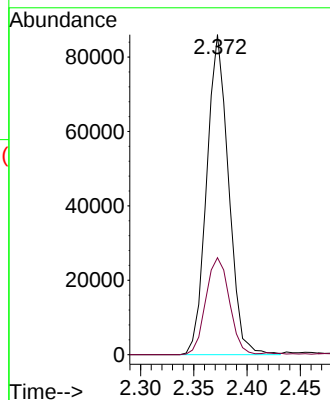
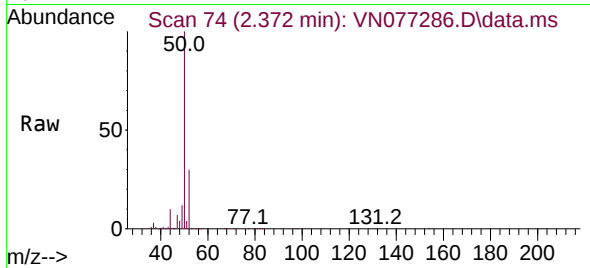




#3
Chloromethane
Concen: 17.188 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

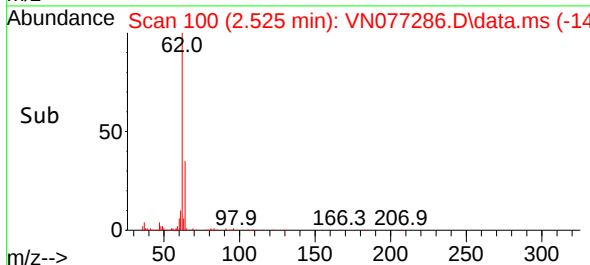
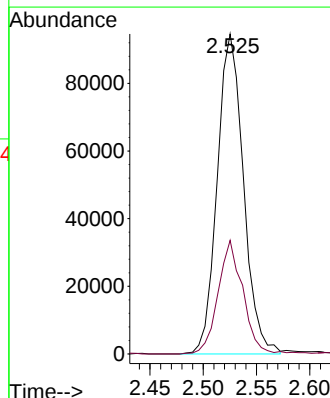
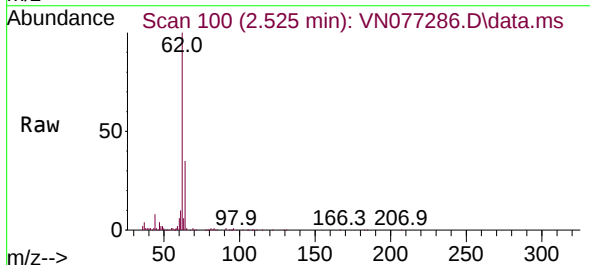
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

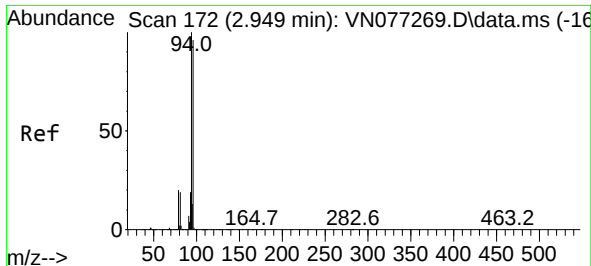
Tgt Ion: 50 Resp: 123021
Ion Ratio Lower Upper
50 100
52 30.3 26.4 39.6



#4
Vinyl Chloride
Concen: 15.781 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 62 Resp: 161784
Ion Ratio Lower Upper
62 100
64 35.5 25.4 38.0

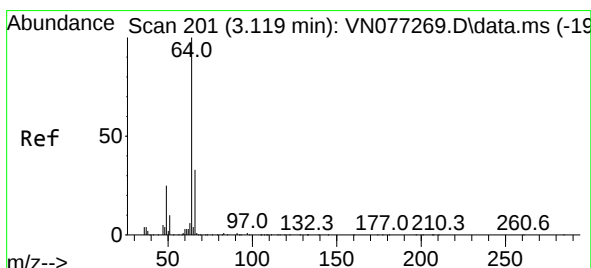
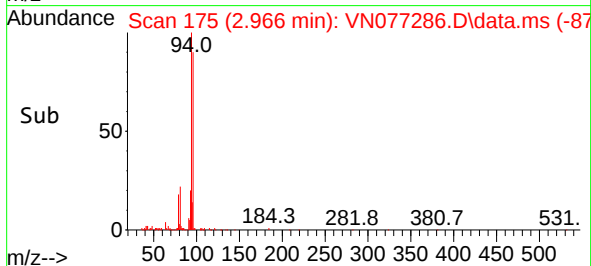
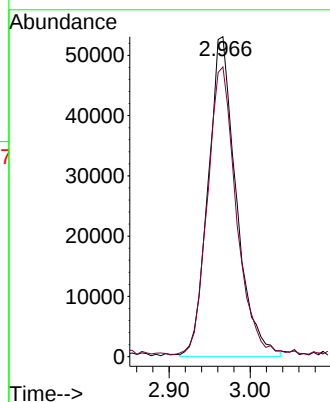
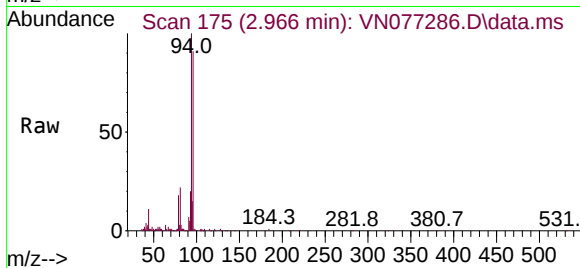




#5
Bromomethane
Concen: 16.561 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

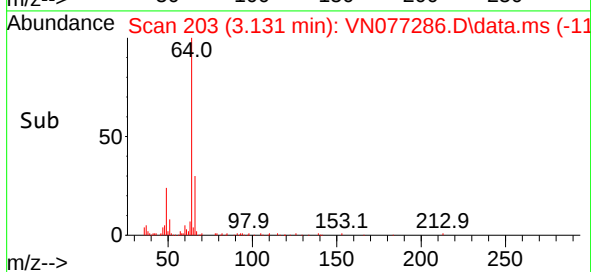
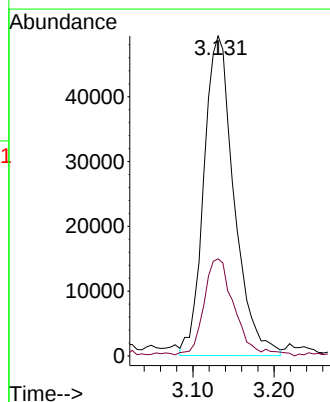
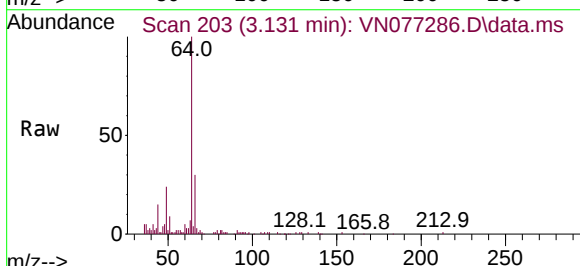
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ClientSampleId :
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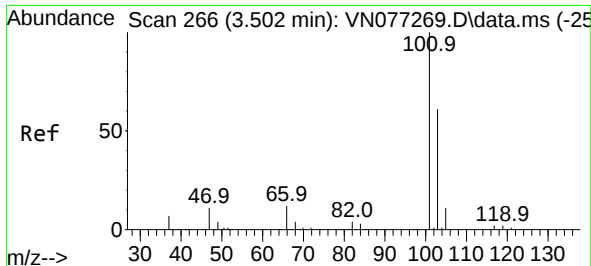
Tgt Ion: 94 Resp: 127936
Ion Ratio Lower Upper
94 100
96 89.9 77.0 115.6



#6
Chloroethane
Concen: 18.582 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 64 Resp: 127691
Ion Ratio Lower Upper
64 100
66 29.9 25.7 38.5

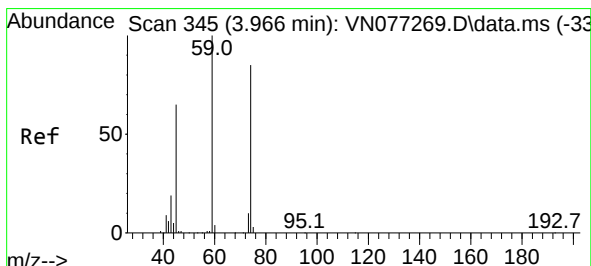
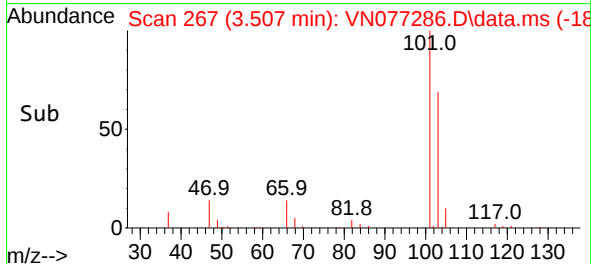
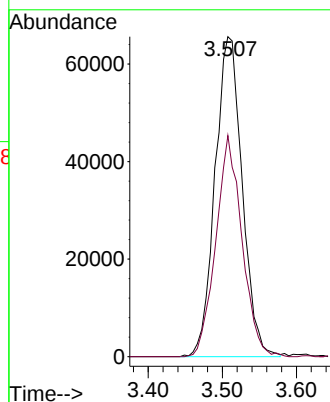
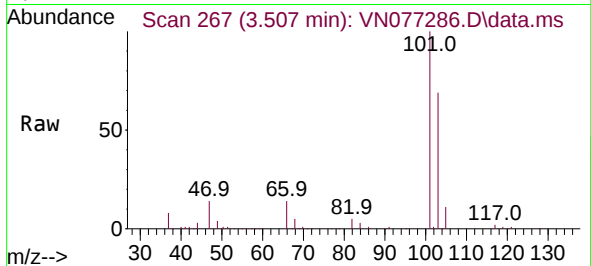




#7
 Trichlorofluoromethane
 Concen: 17.485 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

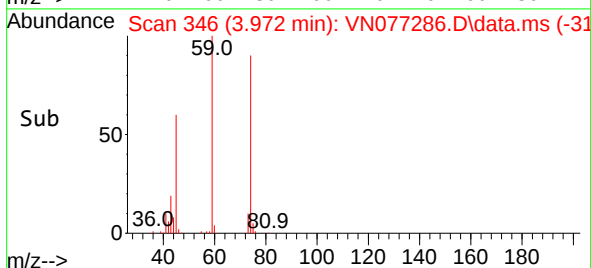
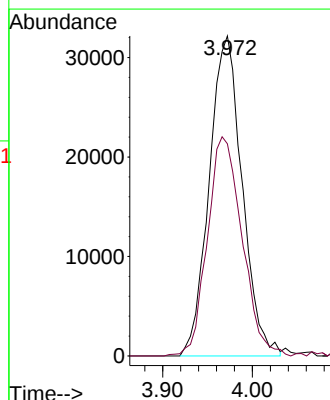
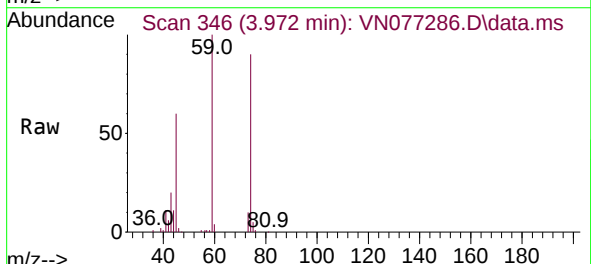
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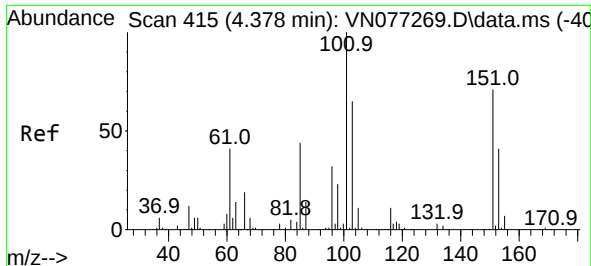
Tgt Ion:101 Resp: 166911
 Ion Ratio Lower Upper
 101 100
 103 69.1 48.9 73.3



#8
 Diethyl Ether
 Concen: 20.133 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

Tgt Ion: 74 Resp: 81915
 Ion Ratio Lower Upper
 74 100
 45 71.9 14.8 133.6

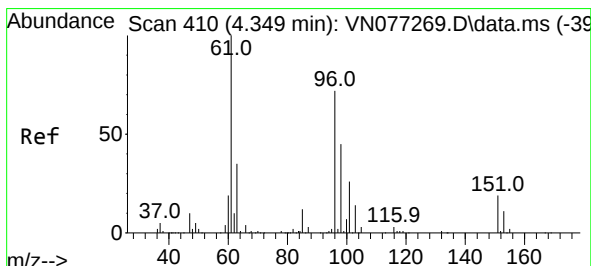
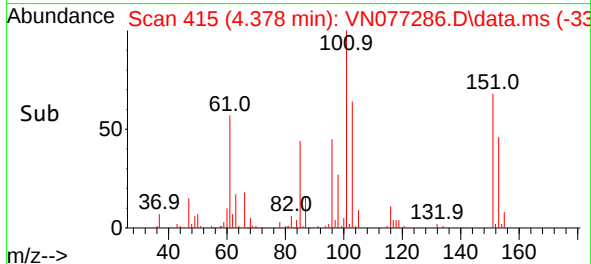
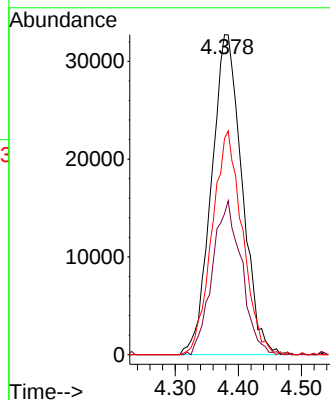
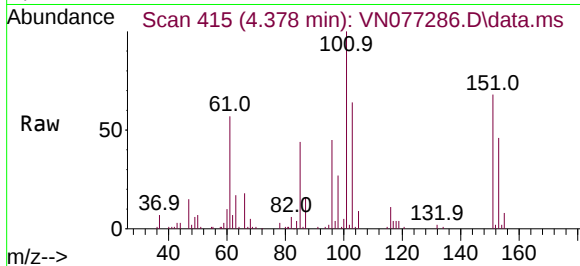




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.444 ug/l
 RT: 4.378 min Scan# 415
 Delta R.T. -0.000 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

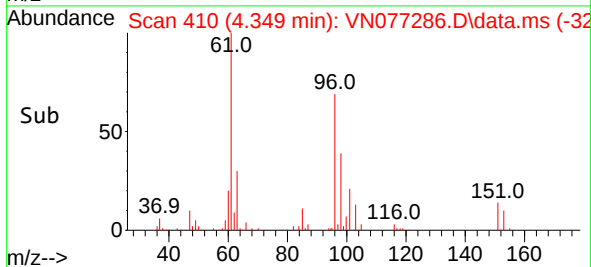
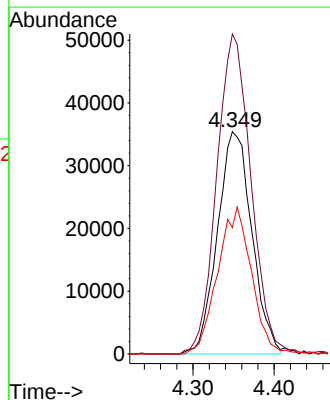
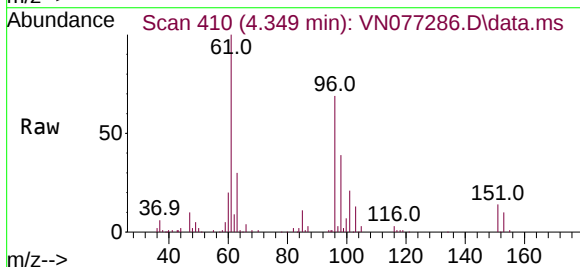
Instrument :
 MSVOA_N
 ClientSampleId :
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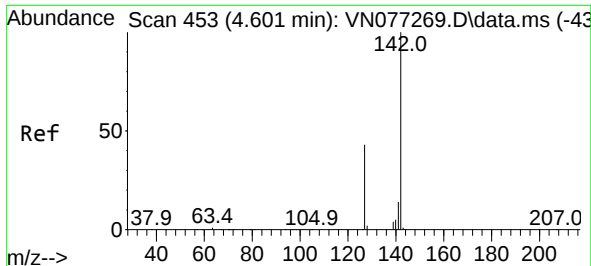
Tgt Ion:101 Resp: 110096
 Ion Ratio Lower Upper
 101 100
 85 45.9 0.0 89.6
 151 69.2 0.0 141.6



#10
 1,1-Dichloroethene
 Concen: 17.453 ug/l
 RT: 4.349 min Scan# 410
 Delta R.T. -0.000 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

Tgt Ion: 96 Resp: 104219
 Ion Ratio Lower Upper
 96 100
 61 144.0 110.7 166.1
 98 56.8 49.6 74.4

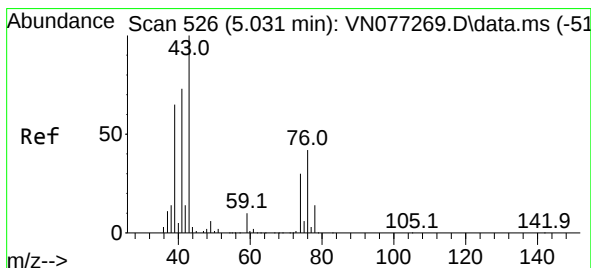
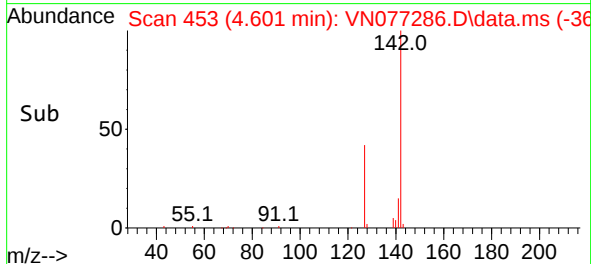
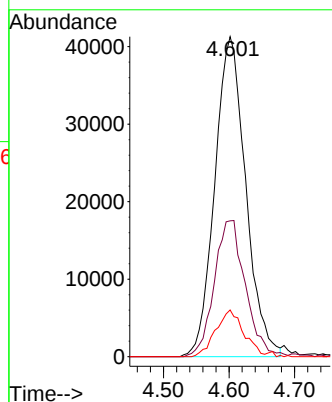
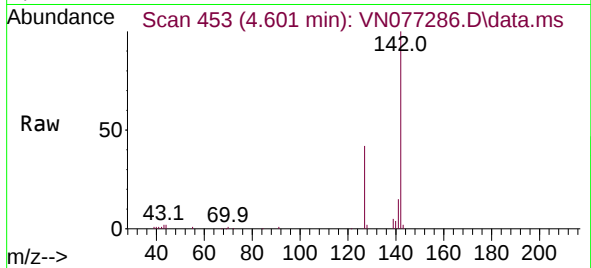




#11
Methyl Iodide
Concen: 20.059 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

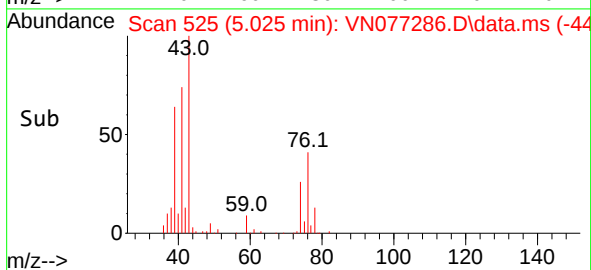
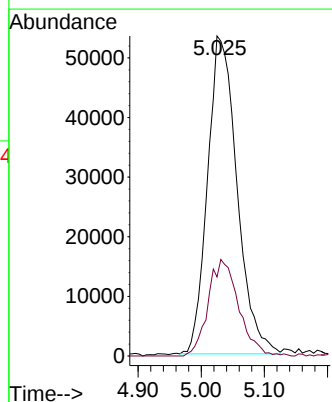
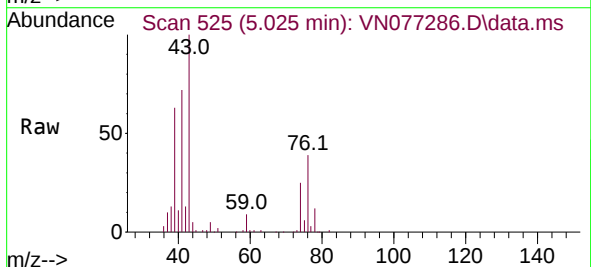
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

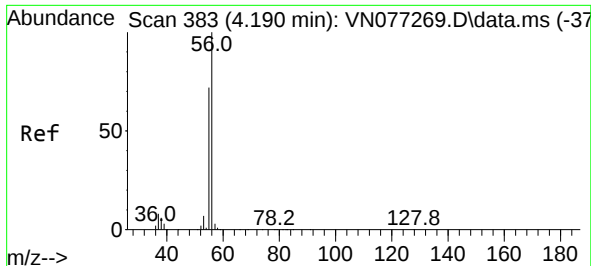
Tgt Ion:142 Resp: 135327
Ion Ratio Lower Upper
142 100
127 42.4 21.3 63.7
141 14.6 7.0 20.9



#12
Methyl Acetate
Concen: 19.453 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 43 Resp: 173064
Ion Ratio Lower Upper
43 100
74 24.7 24.2 36.2

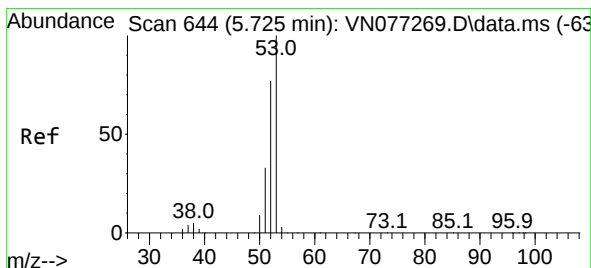
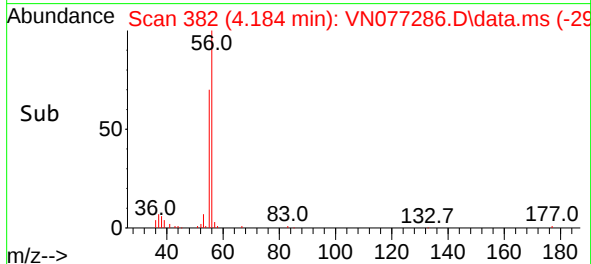
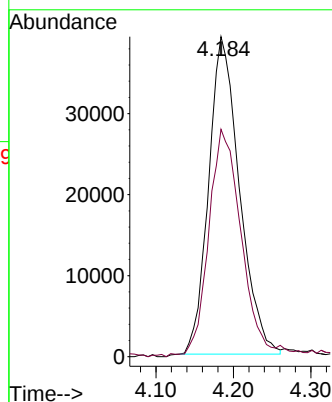
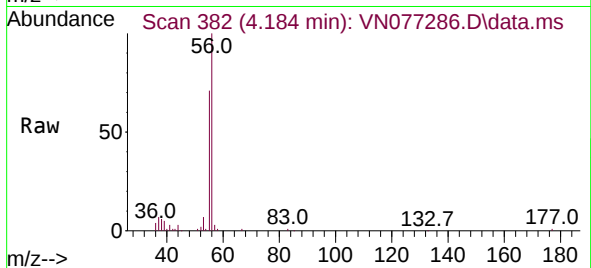




#13
Acrolein
Concen: 98.242 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

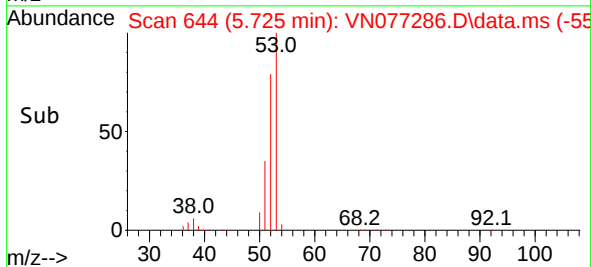
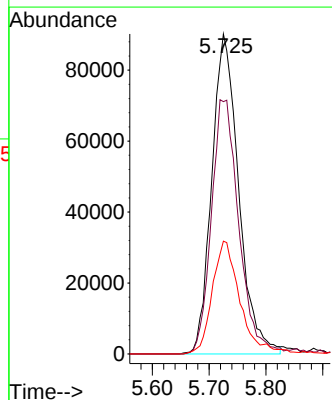
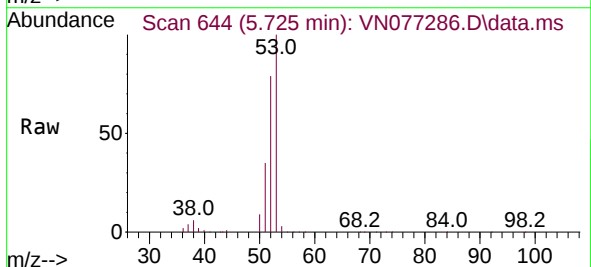
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

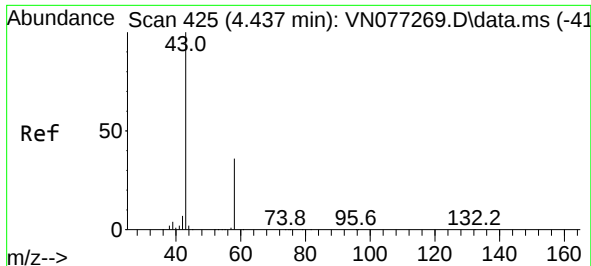
Tgt Ion: 56 Resp: 108490
Ion Ratio Lower Upper
56 100
55 74.1 55.2 82.8



#14
Acrylonitrile
Concen: 97.398 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 53 Resp: 296193
Ion Ratio Lower Upper
53 100
52 81.0 41.0 123.0
51 34.5 17.7 53.1

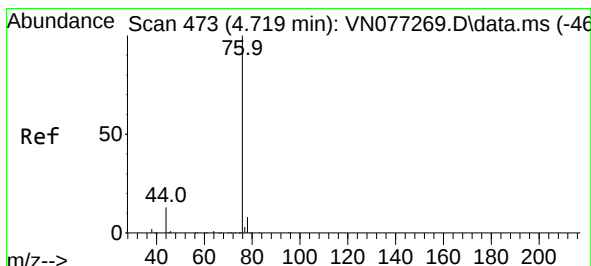
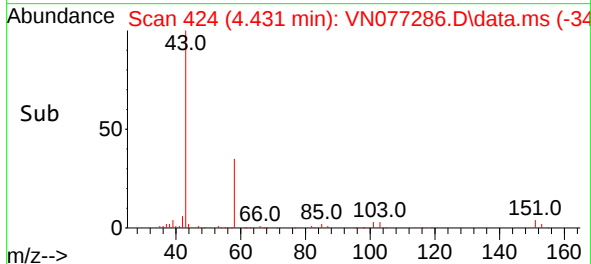
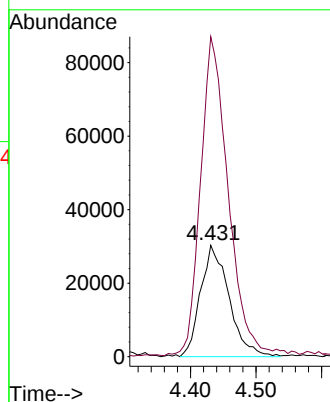
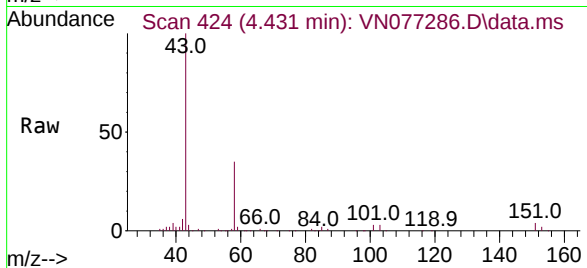




#15
Acetone
Concen: 83.147 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

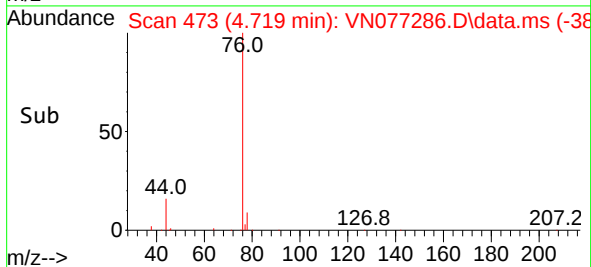
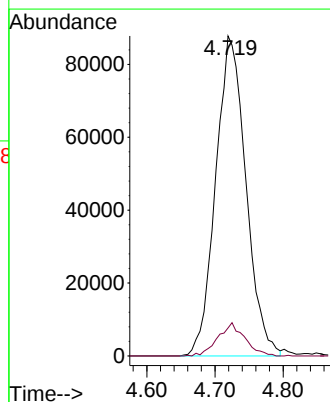
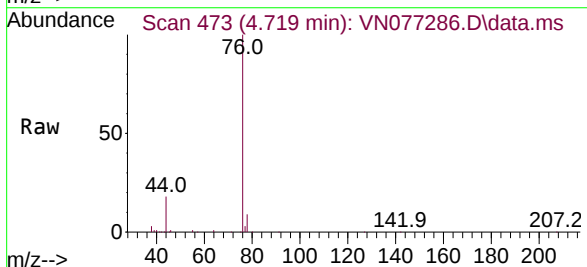
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

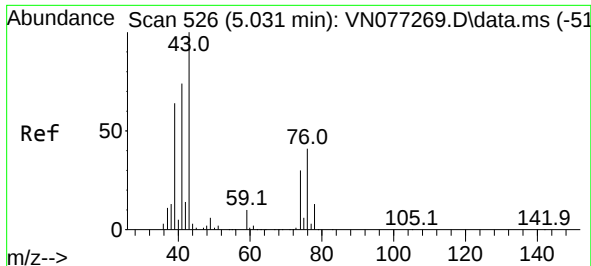
Tgt Ion: 58 Resp: 91732
Ion Ratio Lower Upper
58 100
43 282.6 220.9 331.3



#16
Carbon Disulfide
Concen: 17.185 ug/l
RT: 4.719 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 76 Resp: 270855
Ion Ratio Lower Upper
76 100
78 8.7 6.3 9.5

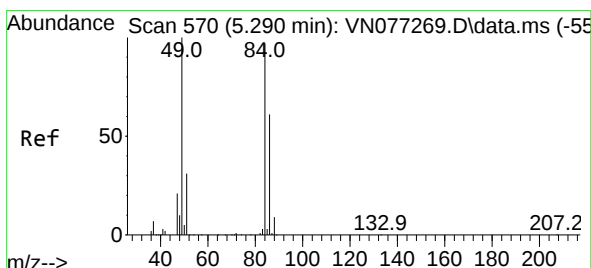
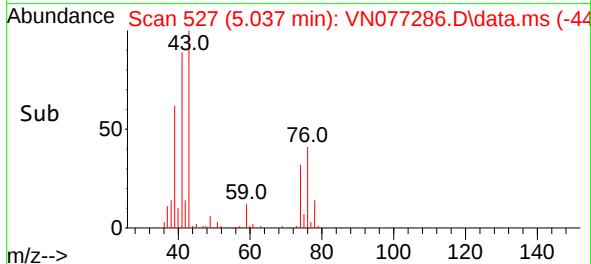
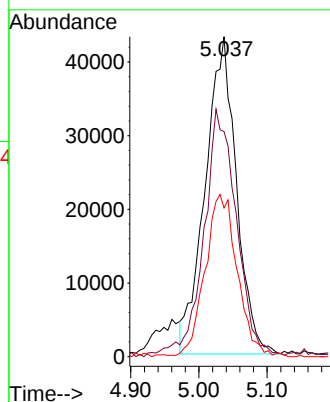
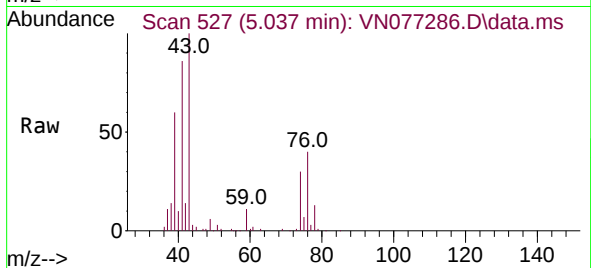




#17
 Allyl chloride
 Concen: 17.848 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

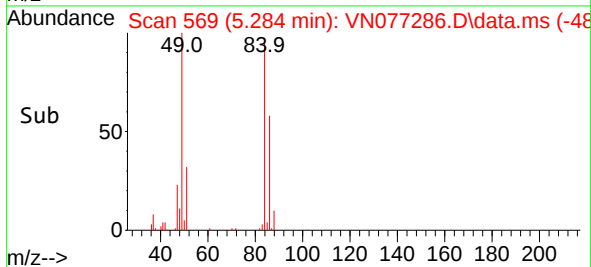
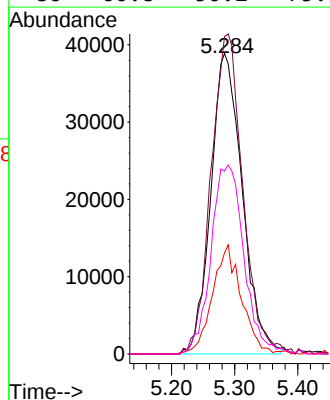
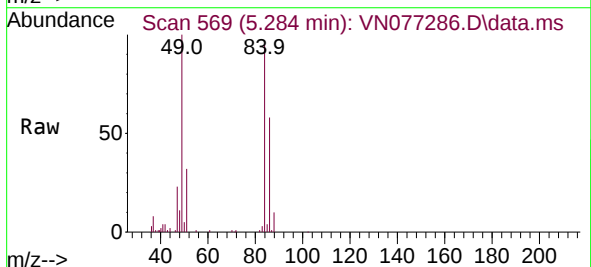
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBSD01

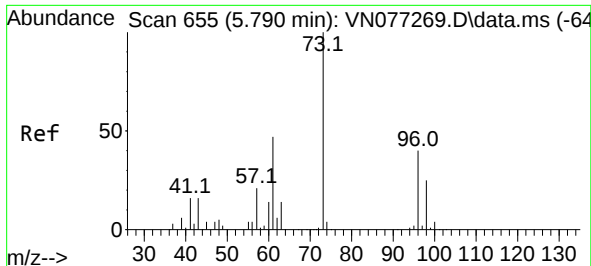
Tgt Ion: 41 Resp: 137196
 Ion Ratio Lower Upper
 41 100
 39 69.9 40.3 120.9
 76 45.8 25.3 75.8



#18
 Methylene Chloride
 Concen: 19.366 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

Tgt Ion: 84 Resp: 134296
 Ion Ratio Lower Upper
 84 100
 49 105.6 82.7 124.1
 51 33.2 25.6 38.4
 86 60.8 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 18.124 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBSD01

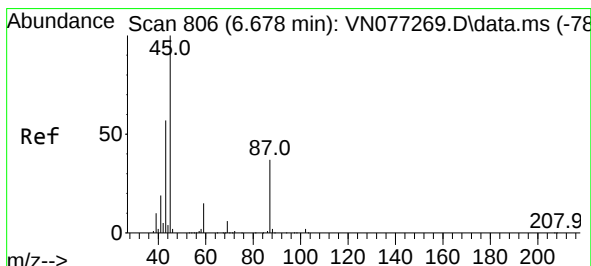
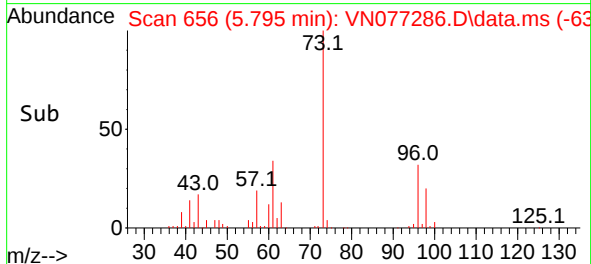
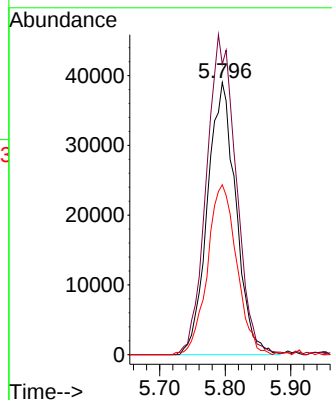
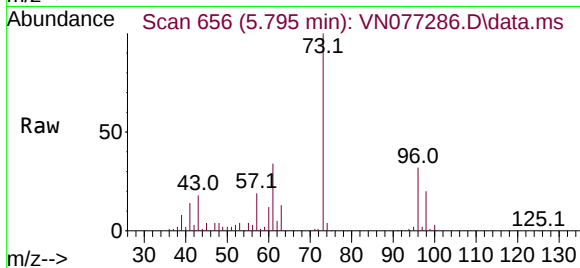
Tgt Ion: 96 Resp: 117680

Ion Ratio Lower Upper

96 100

61 105.8 94.5 141.7

98 62.0 49.8 74.8



#20

Diisopropyl ether

Concen: 18.832 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Tgt Ion: 45 Resp: 345015

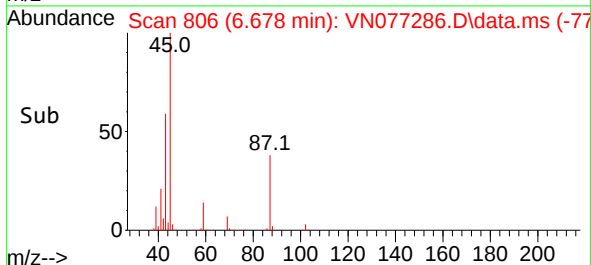
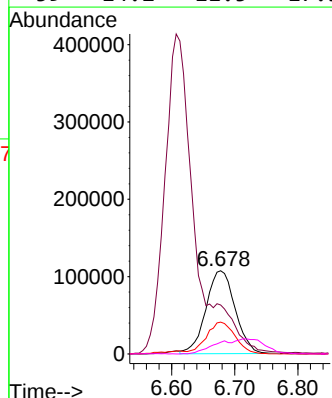
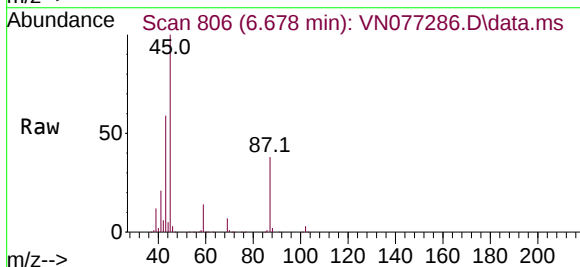
Ion Ratio Lower Upper

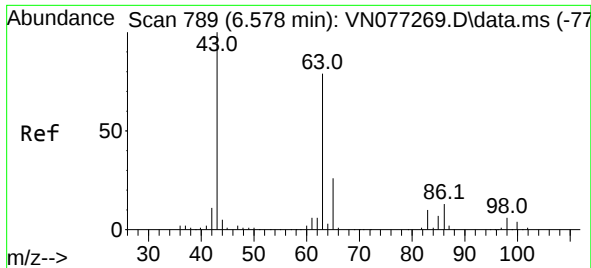
45 100

43 56.9 45.9 68.9

87 38.6 30.1 45.1

59 14.2 11.5 17.3

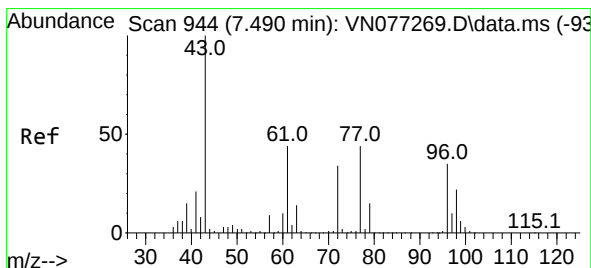
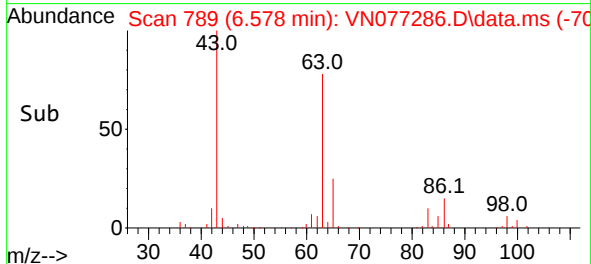
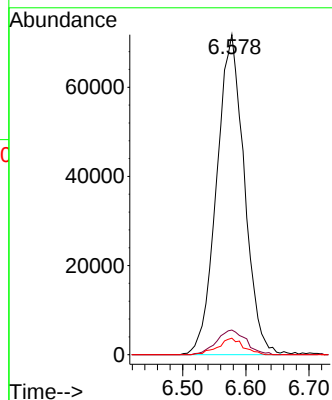
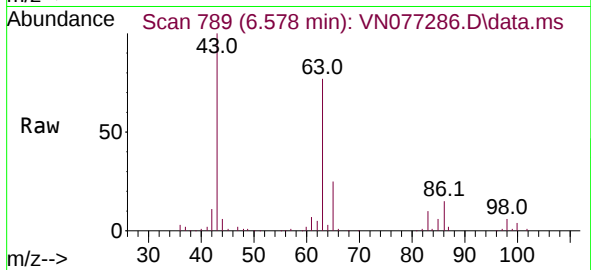




#21
1,1-Dichloroethane
Concen: 18.811 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

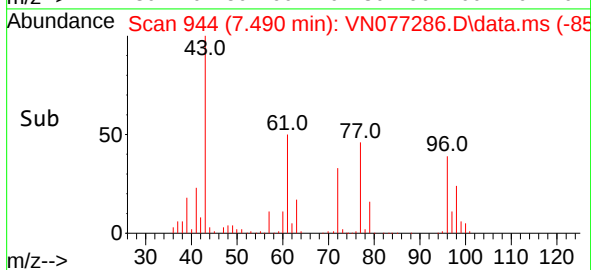
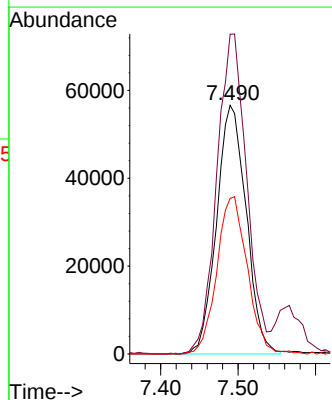
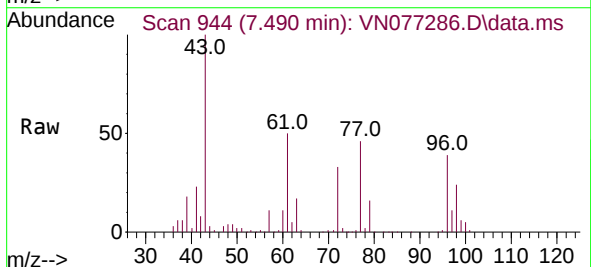
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

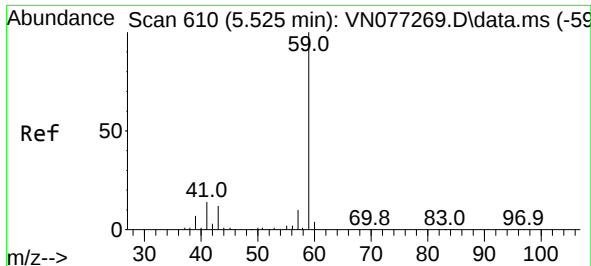
Tgt Ion: 63 Resp: 218442
Ion Ratio Lower Upper
63 100
98 7.7 3.9 11.7
100 5.2 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 19.023 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 96 Resp: 150574
Ion Ratio Lower Upper
96 100
61 129.1 105.5 158.3
98 64.6 51.8 77.6





#23

tert-Butyl Alcohol

Concen: 93.118 ug/l

RT: 5.519 min Scan# 609

Delta R.T. -0.006 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

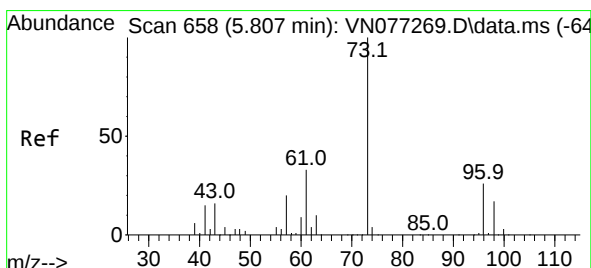
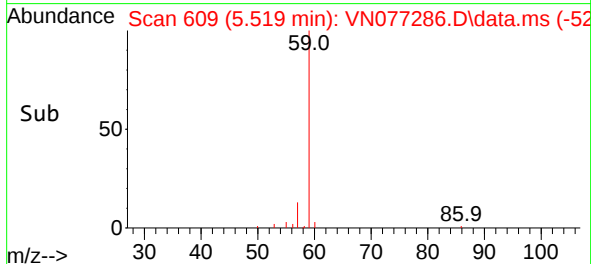
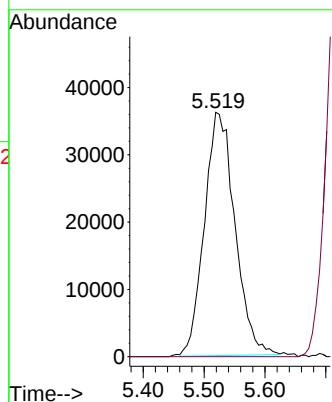
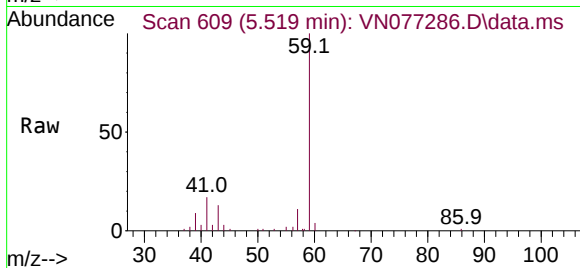
VN0410WBSD01

Tgt Ion: 59 Resp: 125915

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 20.228 ug/l

RT: 5.801 min Scan# 657

Delta R.T. -0.006 min

Lab File: VN077286.D

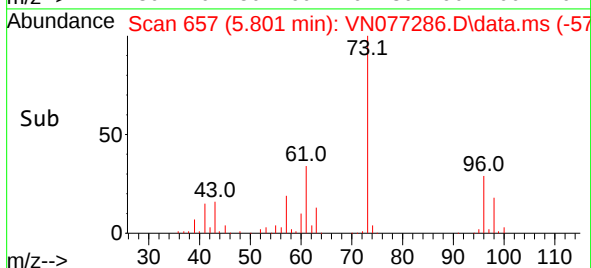
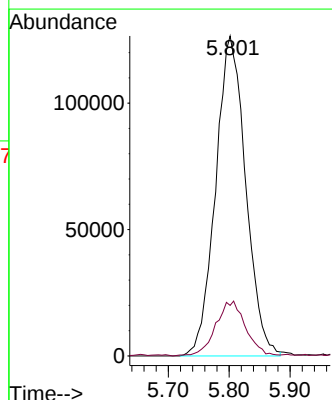
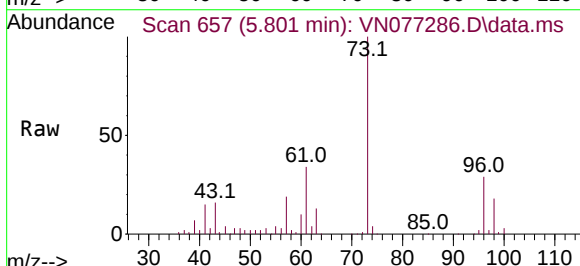
Acq: 10 Apr 2023 10:57

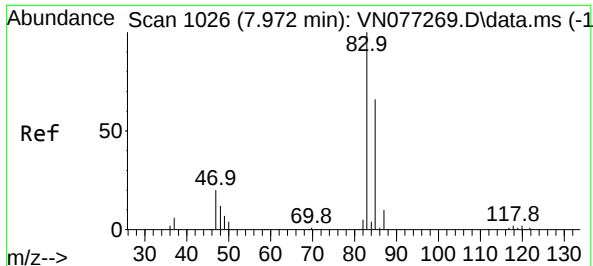
Tgt Ion: 73 Resp: 434852

Ion Ratio Lower Upper

73 100

43 16.9 13.5 20.3





#25

Chloroform

Concen: 19.048 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

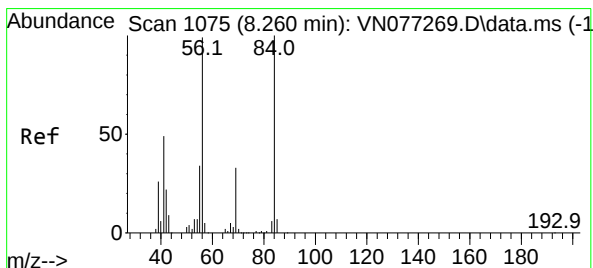
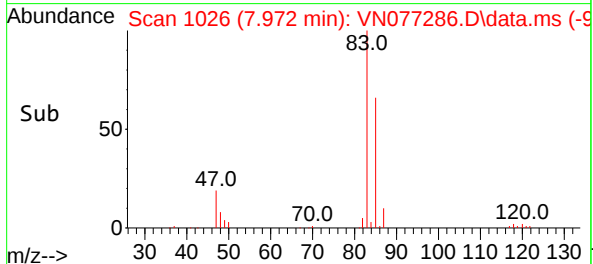
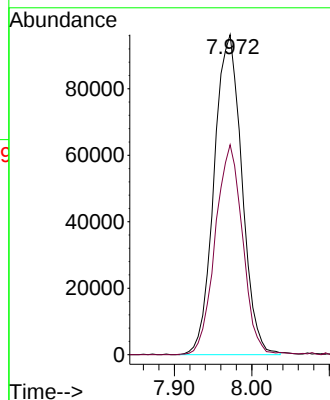
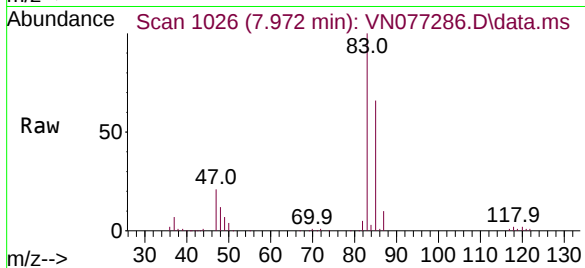
VN0410WBSD01

Tgt Ion: 83 Resp: 239722

Ion Ratio Lower Upper

83 100

85 65.4 52.9 79.3



#26

Cyclohexane

Concen: 17.544 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

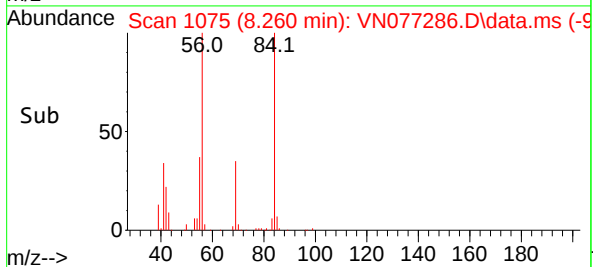
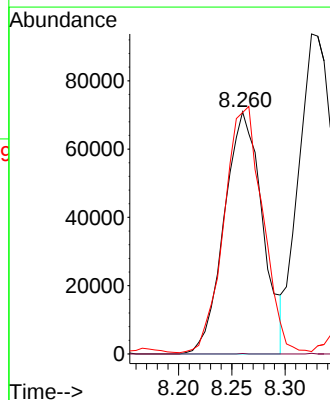
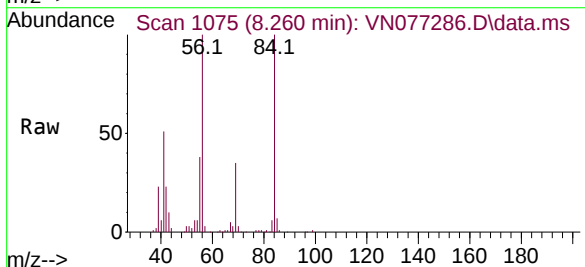
Tgt Ion: 56 Resp: 177031

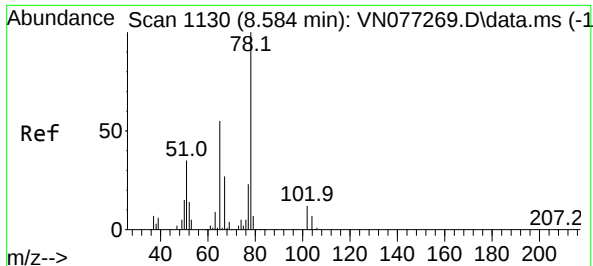
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 104.0 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.558 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

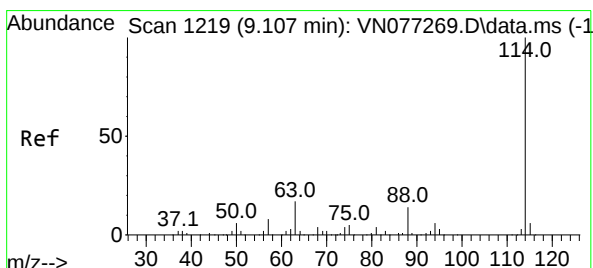
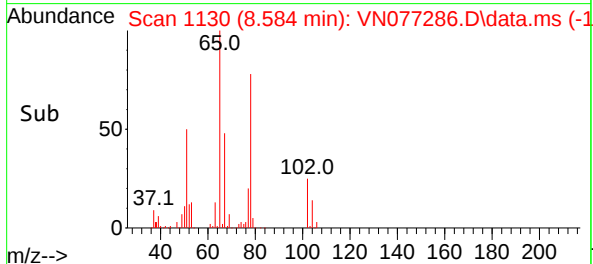
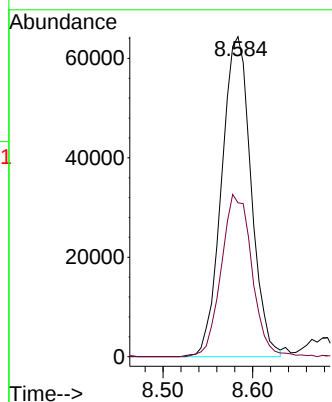
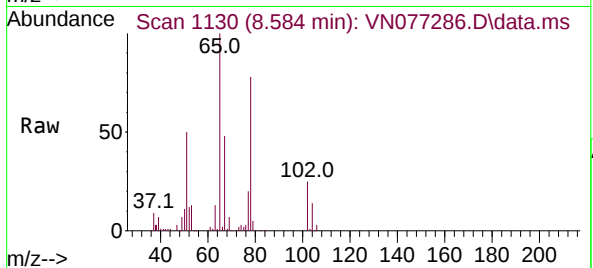
VN0410WBSD01

Tgt Ion: 65 Resp: 146869

Ion Ratio Lower Upper

65 100

67 52.8 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

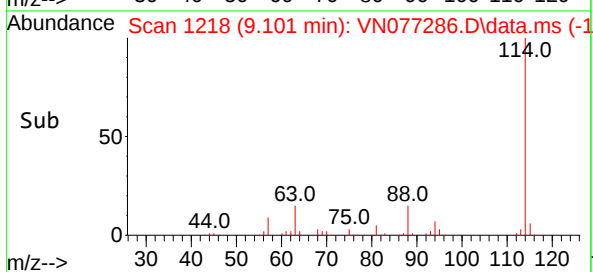
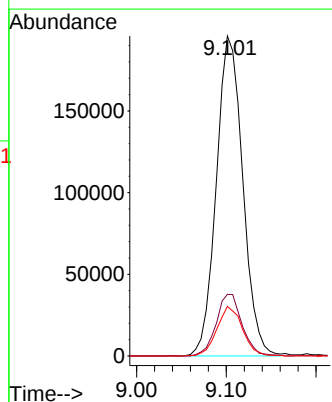
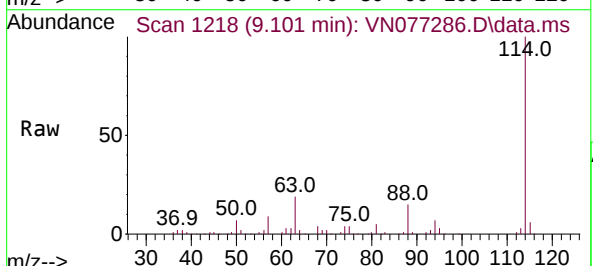
Tgt Ion: 114 Resp: 401324

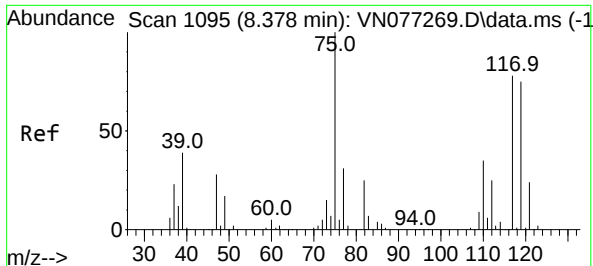
Ion Ratio Lower Upper

114 100

63 18.8 15.0 22.4

88 14.9 11.9 17.9

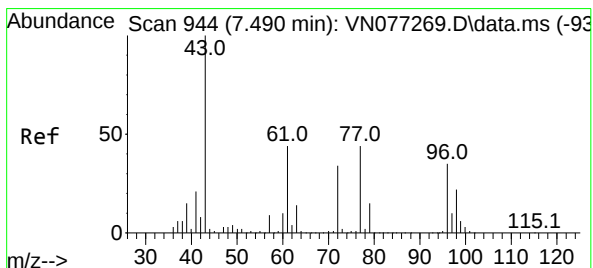
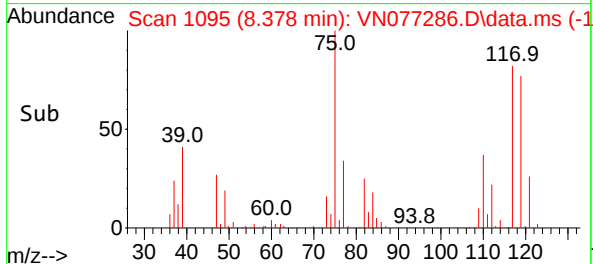
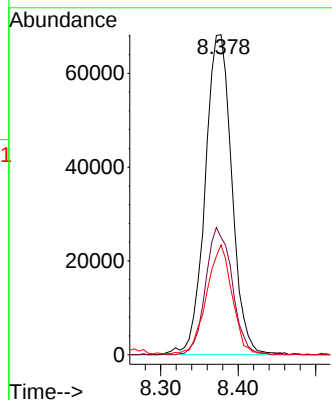
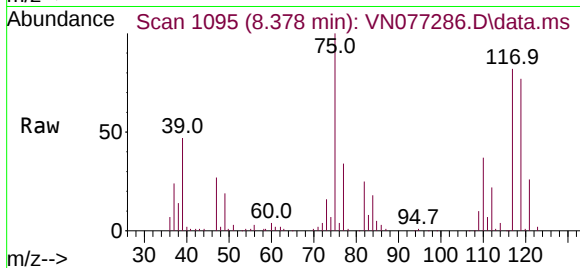




#29
1,1-Dichloropropene
Concen: 18.635 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

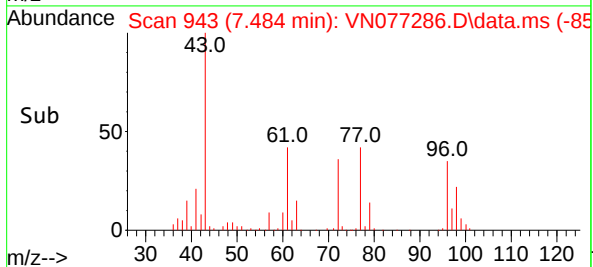
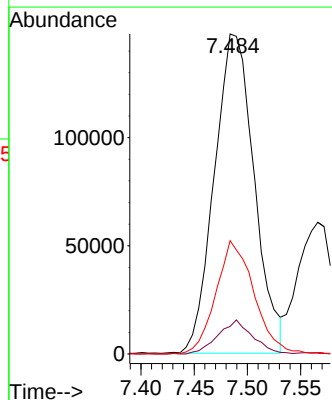
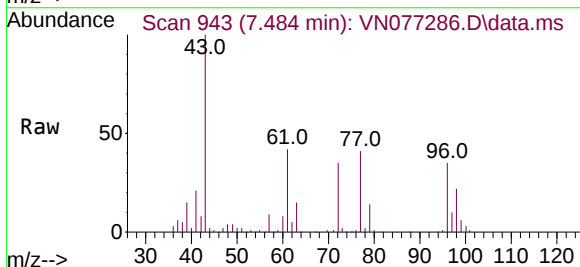
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

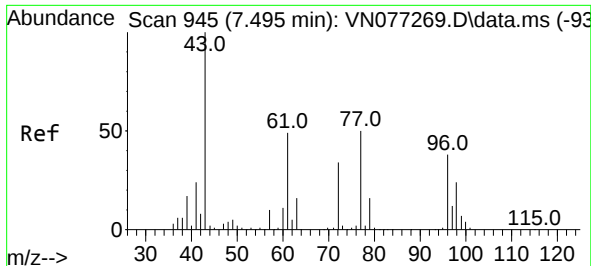
Tgt Ion: 75 Resp: 162009
Ion Ratio Lower Upper
75 100
110 39.6 0.0 72.4
77 33.4 0.0 61.4



#30
2-Butanone
Concen: 93.569 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 43 Resp: 384679
Ion Ratio Lower Upper
43 100
57 9.2 7.5 11.3
72 33.9 26.9 40.3

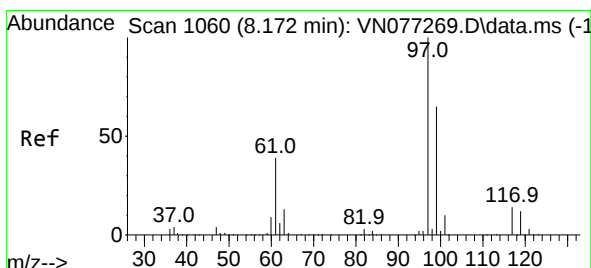
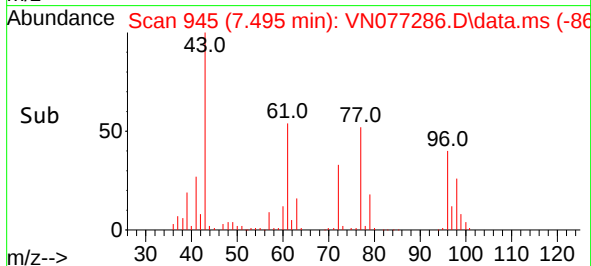
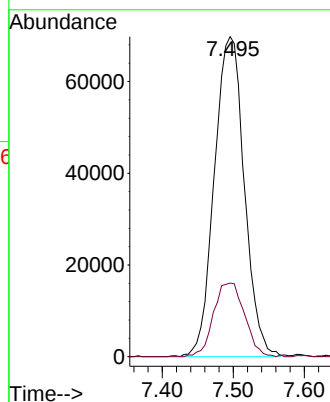
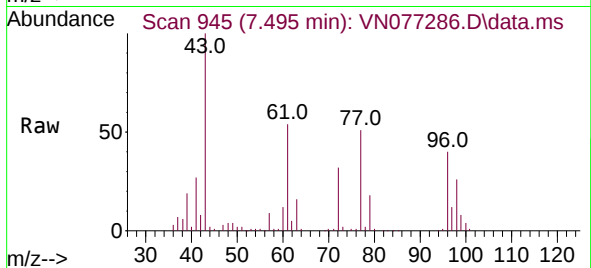




#31
2,2-Dichloropropane
Concen: 19.160 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

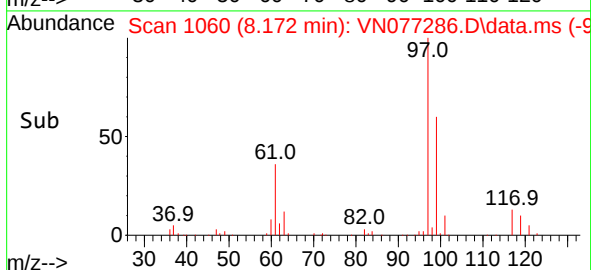
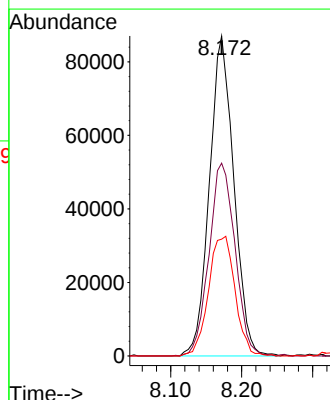
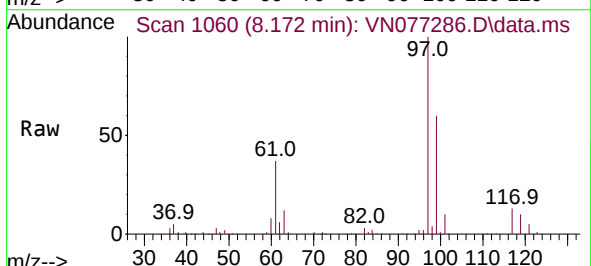
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

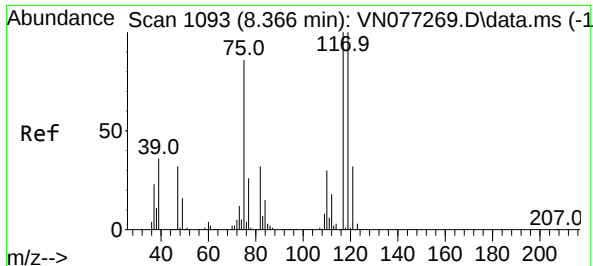
Tgt Ion: 77 Resp: 204479
Ion Ratio Lower Upper
77 100
97 23.8 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 19.410 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 97 Resp: 207665
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 40.6 32.4 48.6

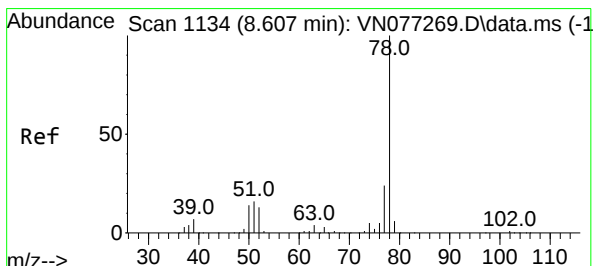
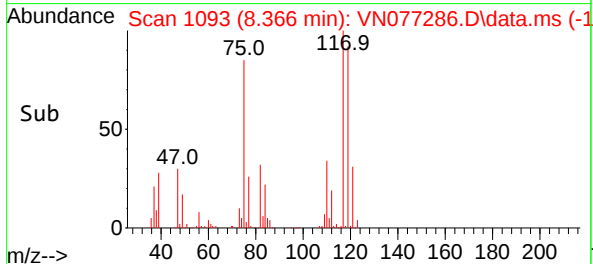
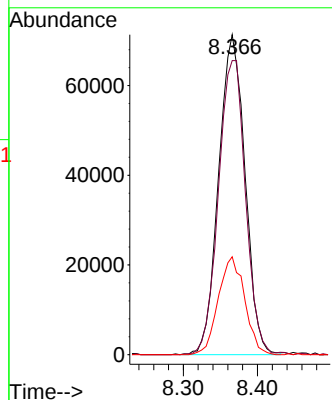
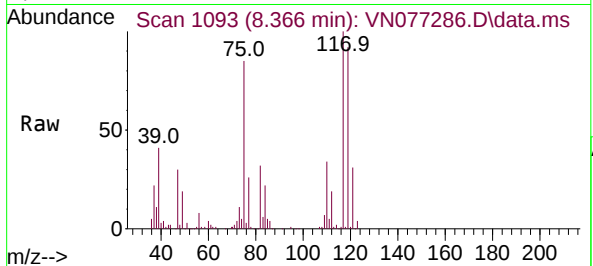




#33
Carbon Tetrachloride
Concen: 19.289 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

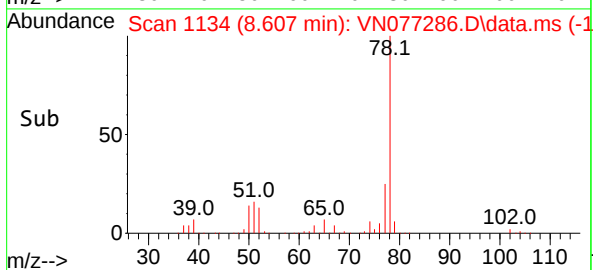
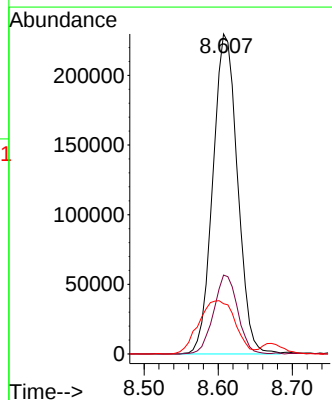
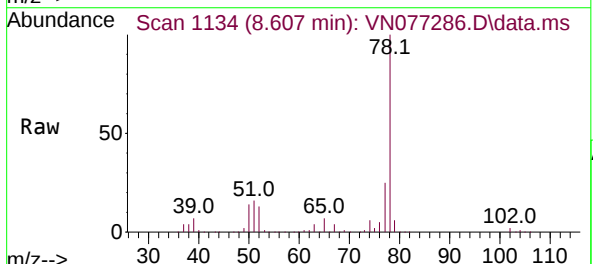
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

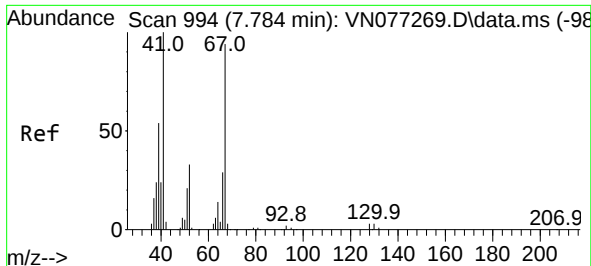
Tgt Ion:117 Resp: 176140
Ion Ratio Lower Upper
117 100
119 91.9 80.2 120.4
121 30.6 26.0 39.0



#34
Benzene
Concen: 19.732 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 78 Resp: 530792
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0
51 15.0 12.6 19.0

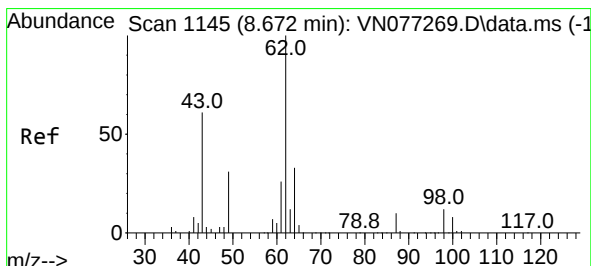
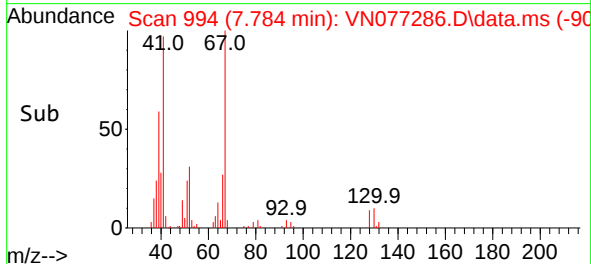
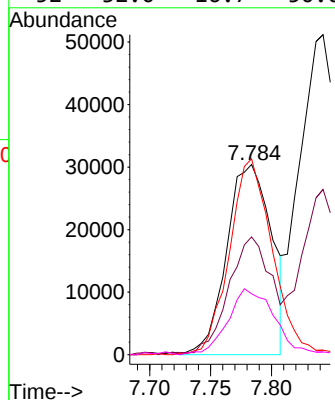
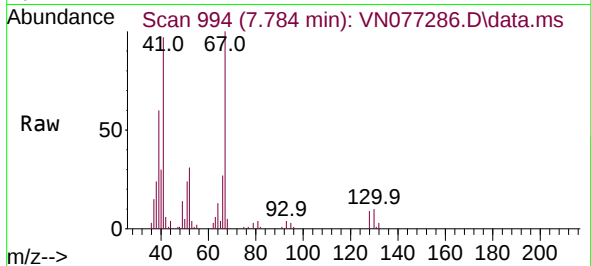




#35
Methacrylonitrile
Concen: 20.090 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

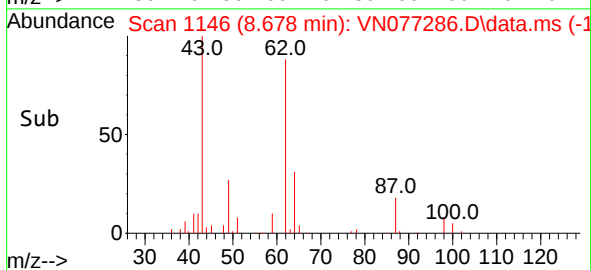
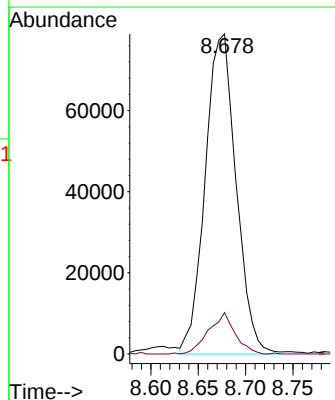
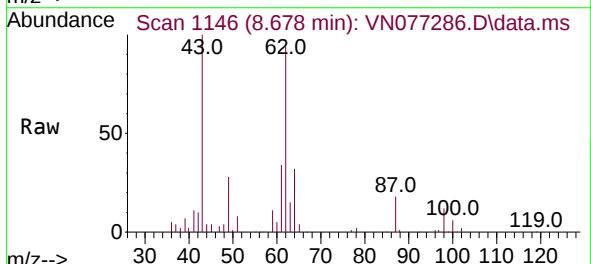
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

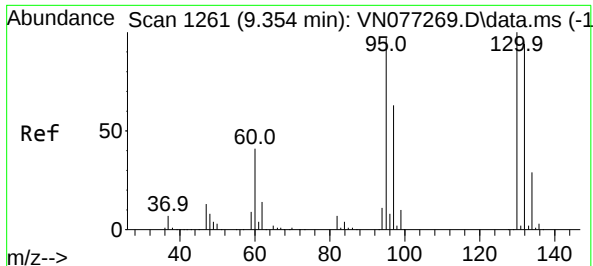
Tgt Ion:	41	Resp:	77804
Ion	Ratio	Lower	Upper
41	100		
39	60.7	27.1	81.2
67	102.2	46.8	140.4
52	32.0	16.7	50.0



#36
1,2-Dichloroethane
Concen: 21.285 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion:	62	Resp:	179511
Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.3	12.5

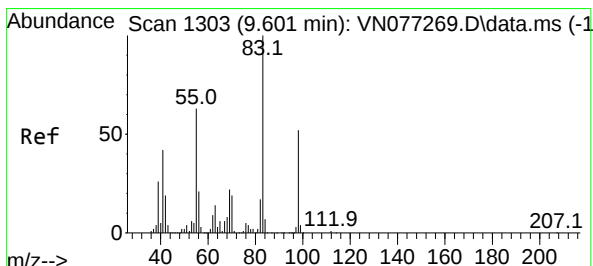
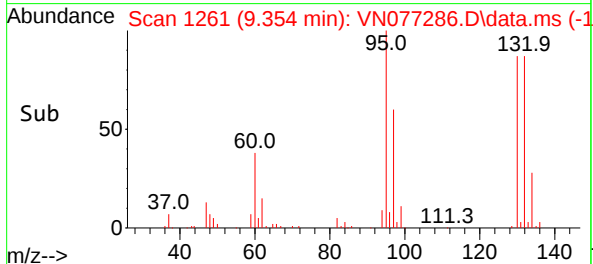
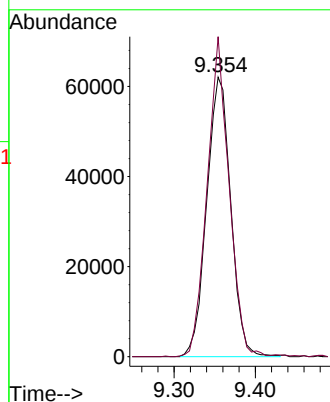
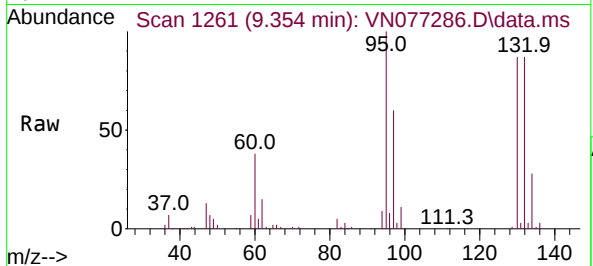




#37
Trichloroethene
Concen: 19.439 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

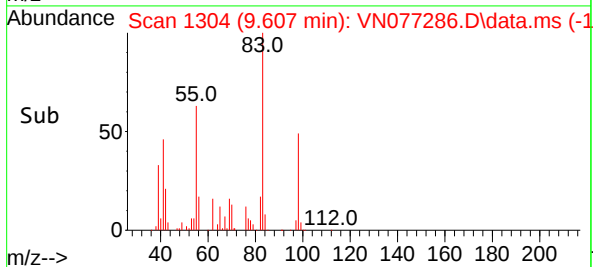
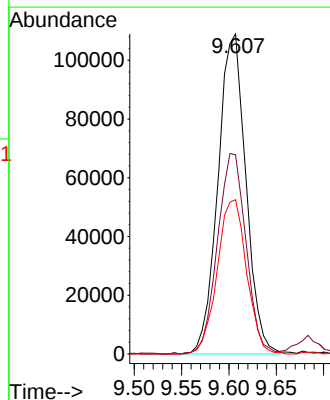
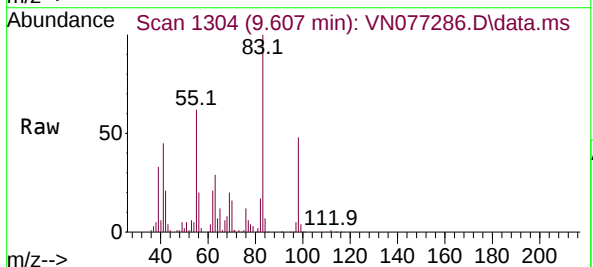
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

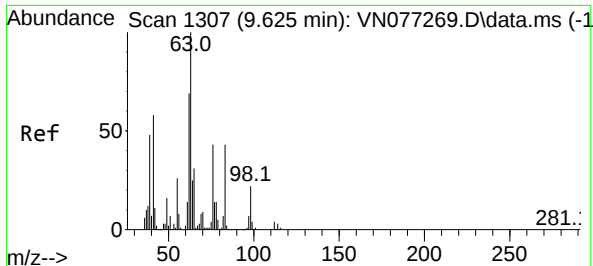
Tgt Ion:130 Resp: 127904
Ion Ratio Lower Upper
130 100
95 114.2 77.5 116.3



#38
Methylcyclohexane
Concen: 18.989 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 83 Resp: 223902
Ion Ratio Lower Upper
83 100
55 63.7 32.0 96.2
98 50.5 25.3 75.9





#39

1,2-Dichloropropane

Concen: 20.689 ug/l

RT: 9.619 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

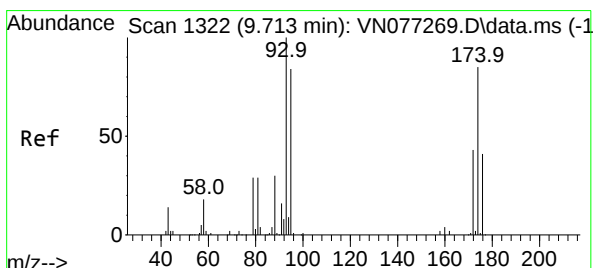
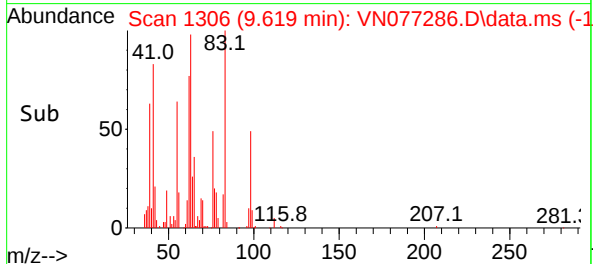
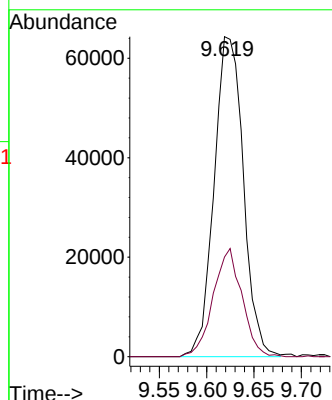
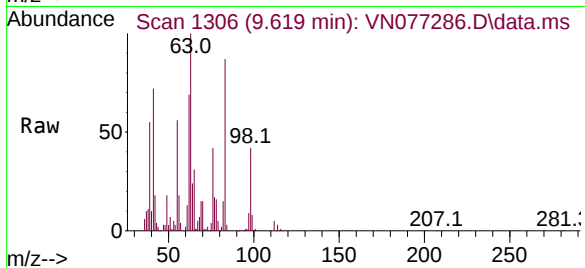
VN0410WBSD01

Tgt Ion: 63 Resp: 138157

Ion Ratio Lower Upper

63 100

65 31.1 24.8 37.2



#40

Dibromomethane

Concen: 21.109 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

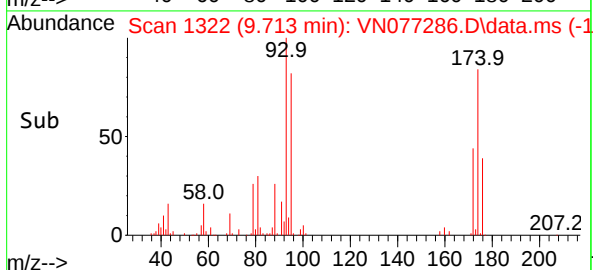
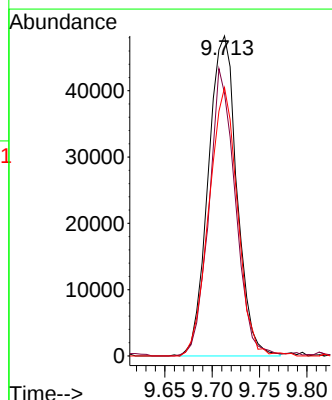
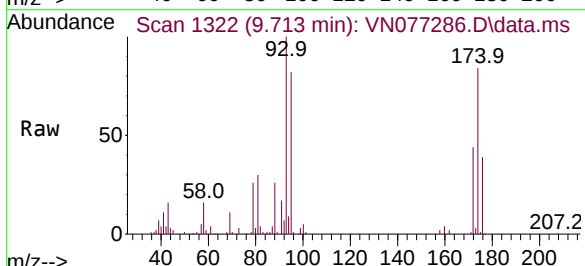
Tgt Ion: 93 Resp: 101563

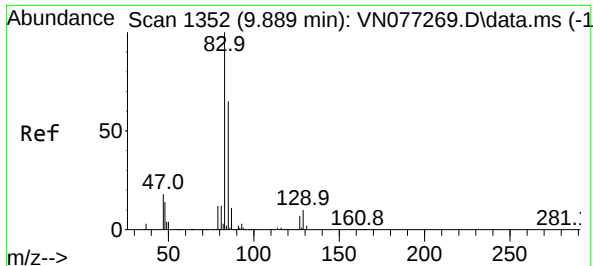
Ion Ratio Lower Upper

93 100

95 82.5 0.0 166.4

174 82.9 0.0 164.8

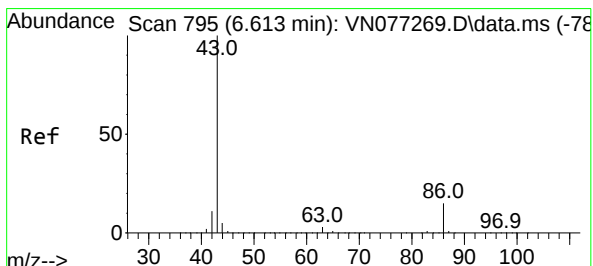
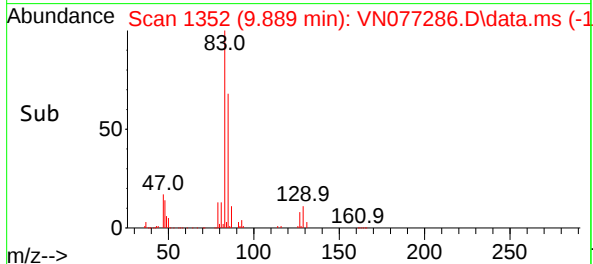
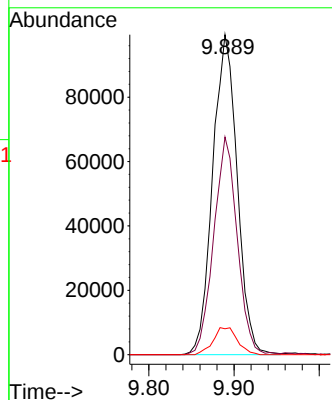
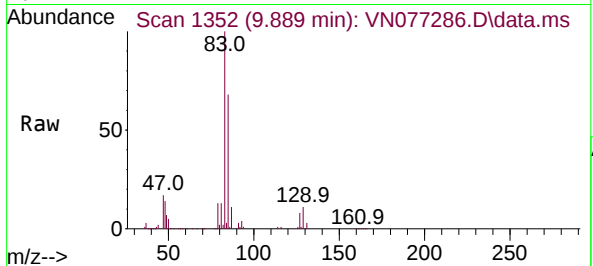




#41
Bromodichloromethane
Concen: 20.733 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

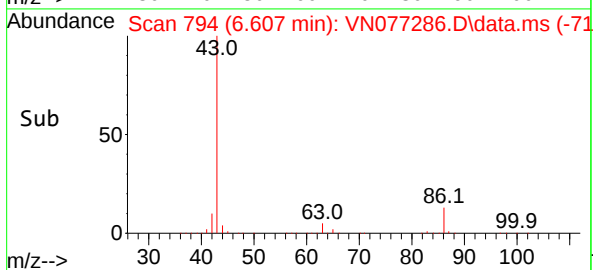
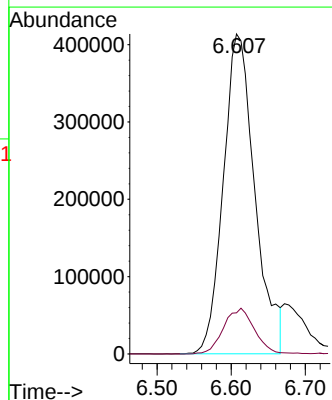
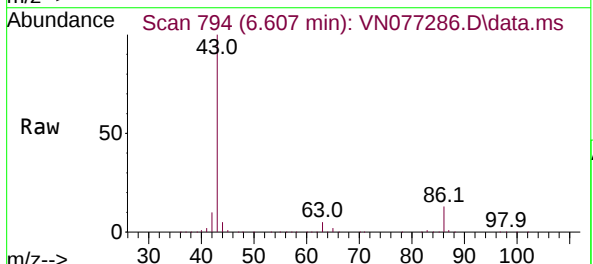
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

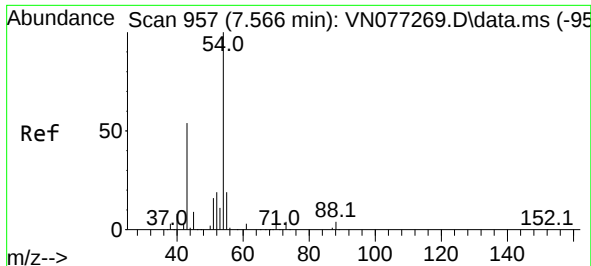
Tgt Ion: 83 Resp: 198917
Ion Ratio Lower Upper
83 100
85 68.0 52.3 78.5
127 8.8 5.9 8.9



#42
Vinyl Acetate
Concen: 102.757 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 43 Resp: 1222660
Ion Ratio Lower Upper
43 100
86 14.0 0.0 0.0#

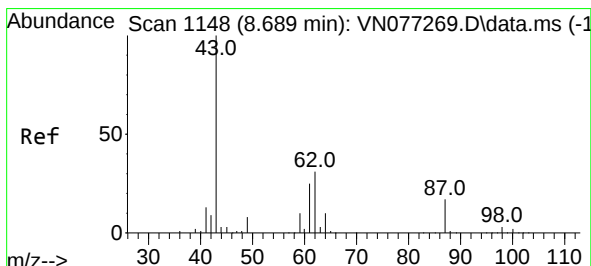
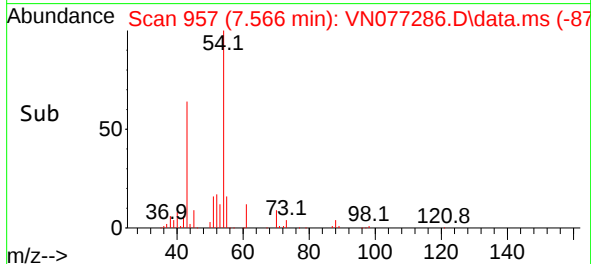
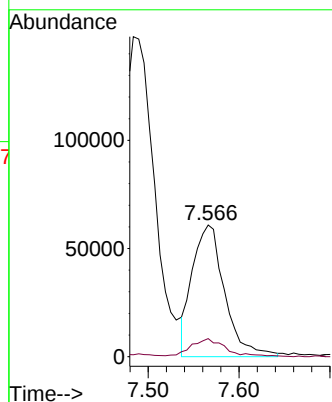
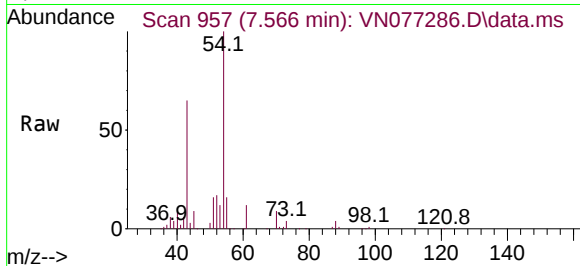




#43
Ethyl Acetate
Concen: 19.791 ug/l m
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

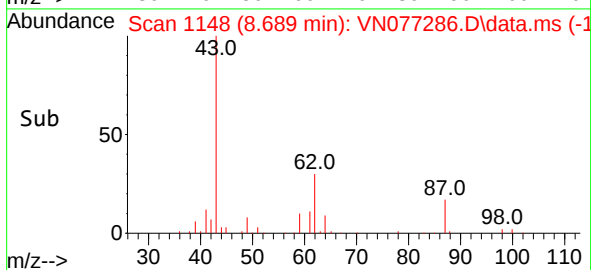
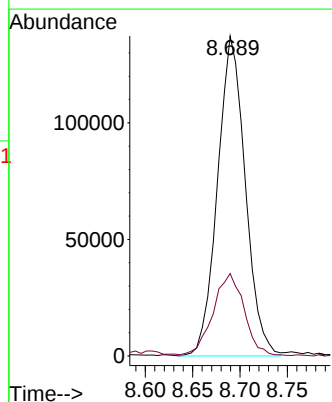
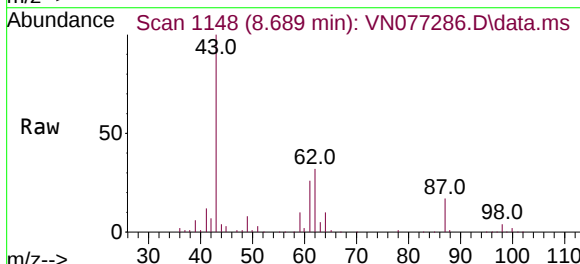
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

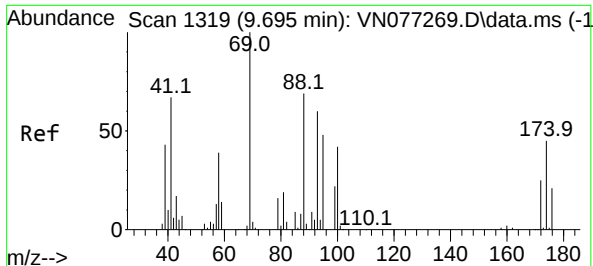
Tgt Ion: 43 Resp: 150532
Ion Ratio Lower Upper
43 100
45 0.0 12.3 18.5#



#44
Isopropyl Acetate
Concen: 20.560 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 43 Resp: 280005
Ion Ratio Lower Upper
43 100
61 29.0 0.0 0.0#





#45

1,4-Dioxane

Concen: 395.202 ug/l

RT: 9.695 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBSD01

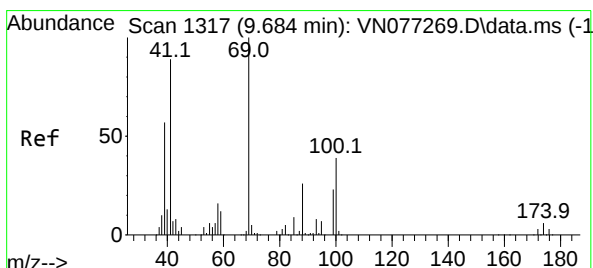
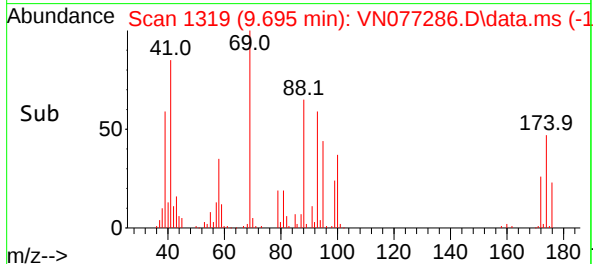
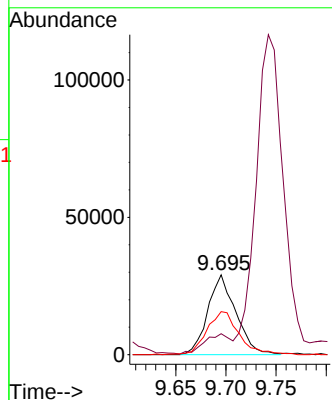
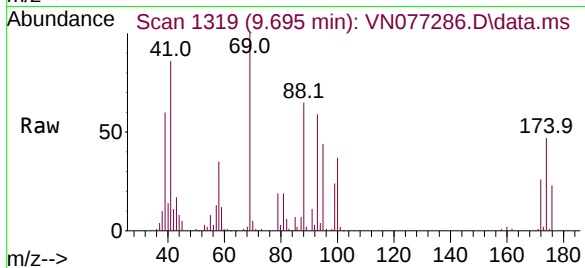
Tgt Ion: 88 Resp: 56762

Ion Ratio Lower Upper

88 100

43 24.0 17.4 26.0

58 62.0 48.2 72.4



#46

Methyl methacrylate

Concen: 20.594 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.001 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

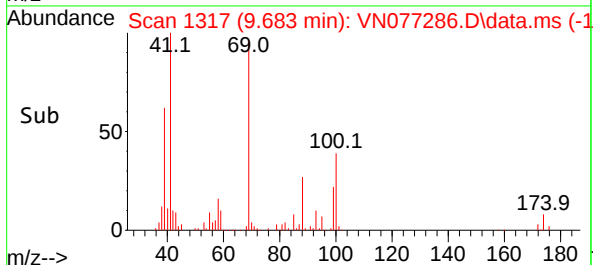
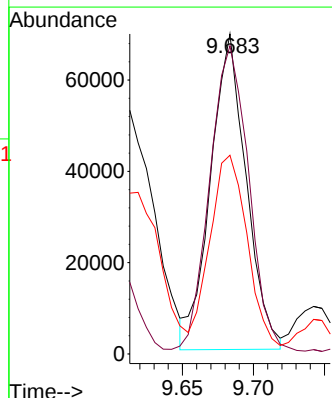
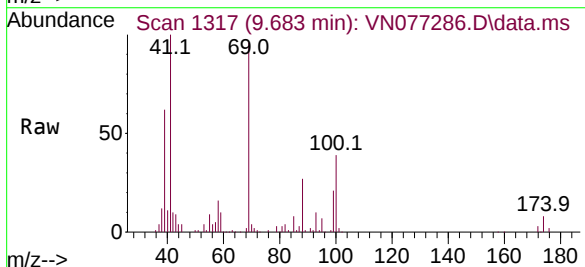
Tgt Ion: 41 Resp: 120750

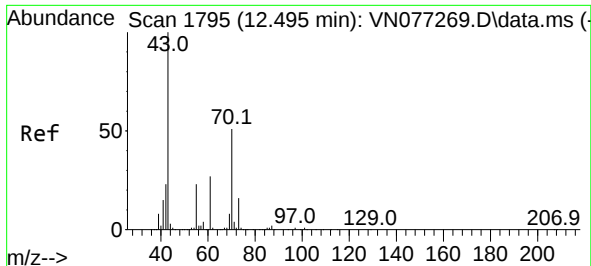
Ion Ratio Lower Upper

41 100

69 98.7 54.5 163.5

39 62.5 33.4 100.2

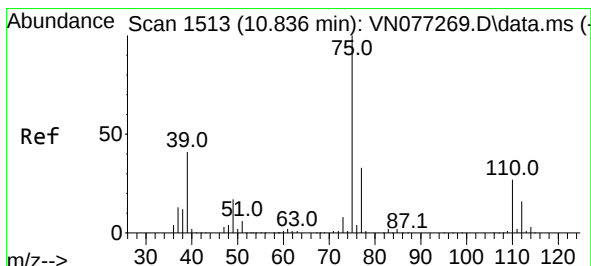
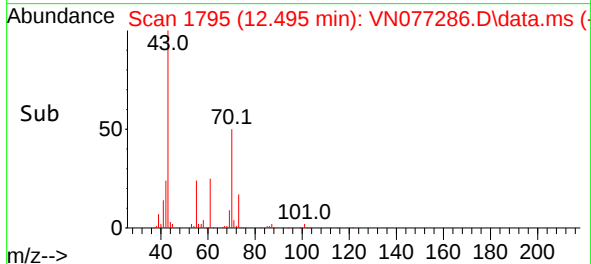
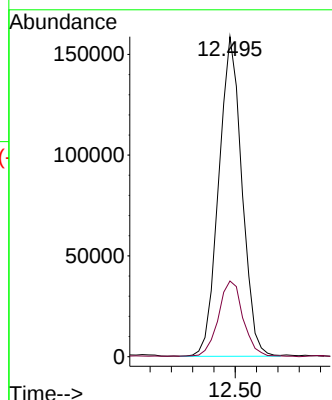
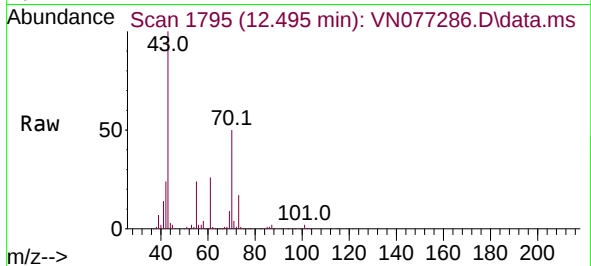




#47
n-amyl acetate
Concen: 20.161 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

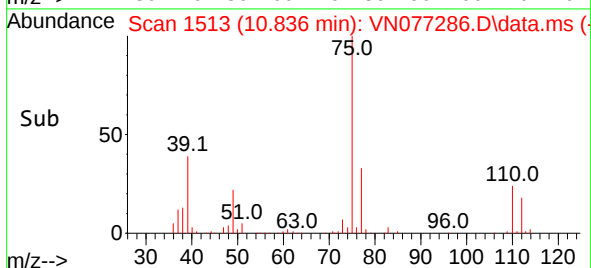
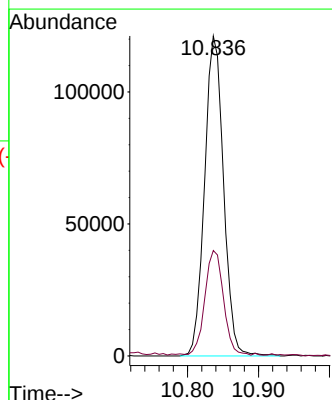
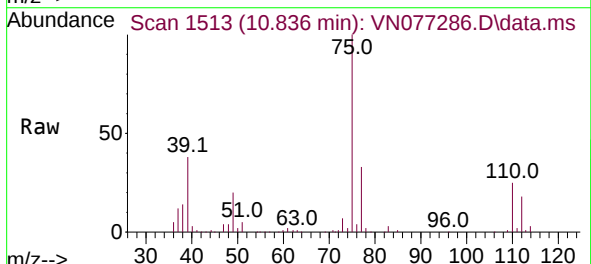
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

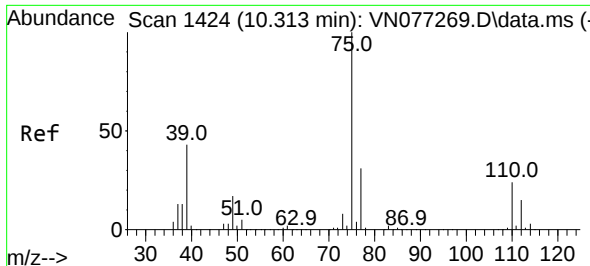
Tgt Ion: 43 Resp: 239948
Ion Ratio Lower Upper
43 100
55 24.7 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 21.015 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 75 Resp: 225642
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 21.184 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBSD01

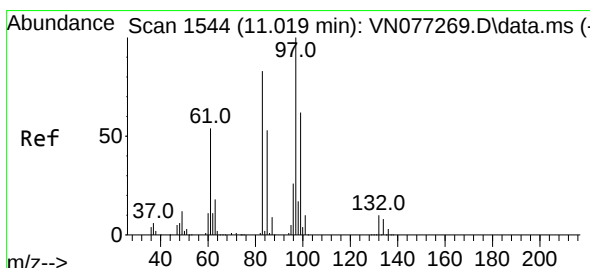
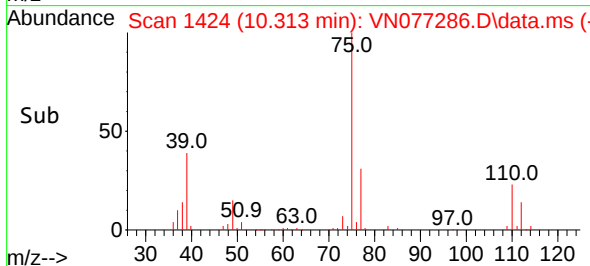
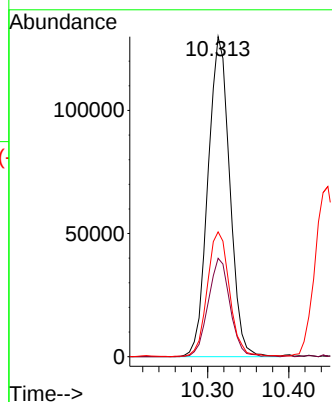
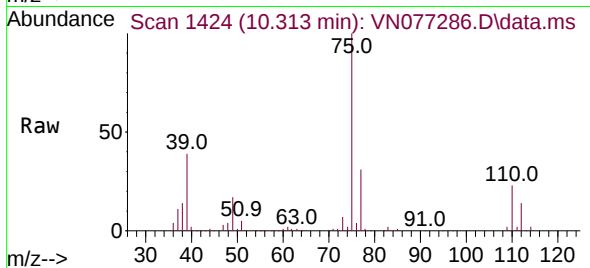
Tgt Ion: 75 Resp: 241983

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 38.9 34.4 51.6



#50

1,1,2-Trichloroethane

Concen: 21.148 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Tgt Ion: 97 Resp: 147797

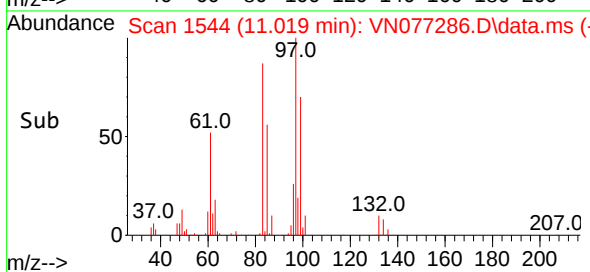
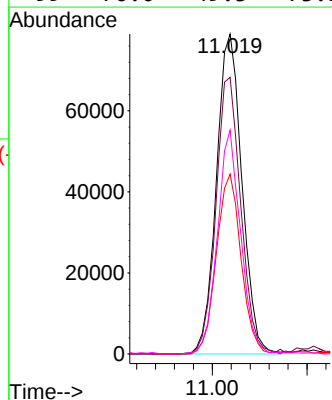
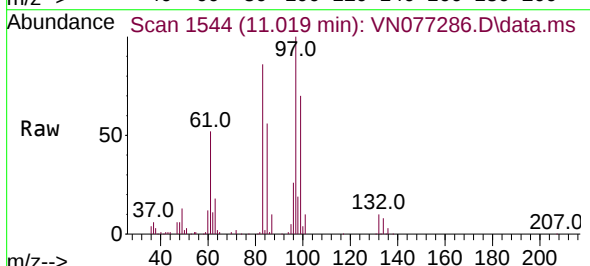
Ion Ratio Lower Upper

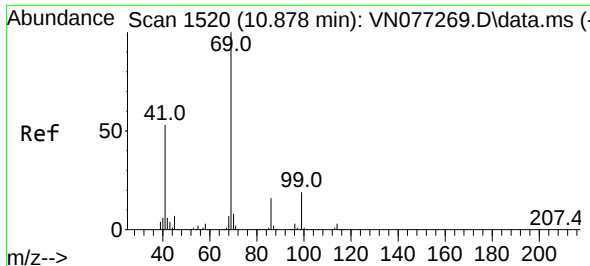
97 100

83 86.4 66.7 100.1

85 56.2 42.4 63.6

99 70.0 49.3 73.9

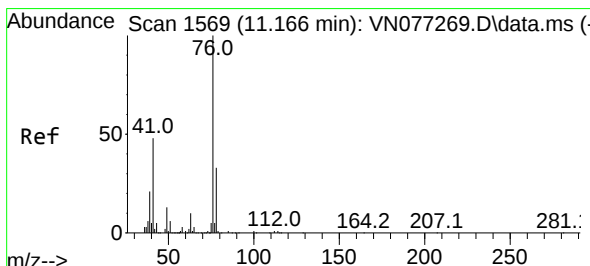
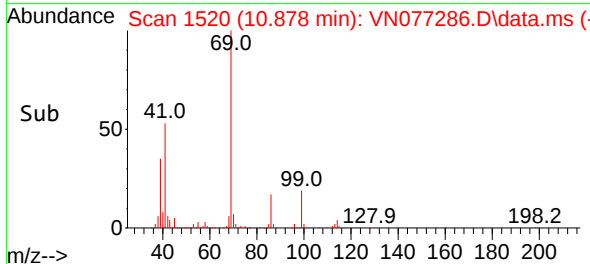
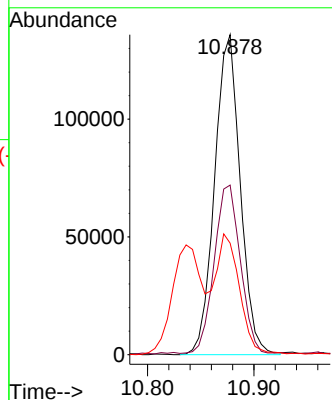
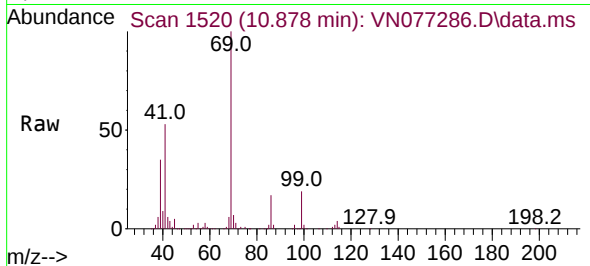




#51
Ethyl methacrylate
Concen: 21.110 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

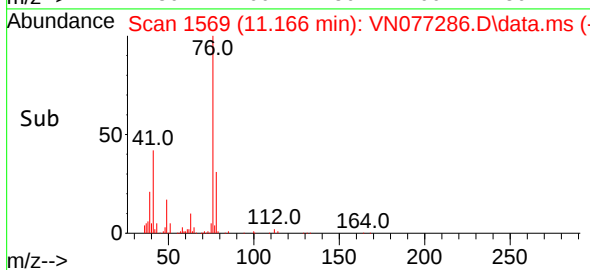
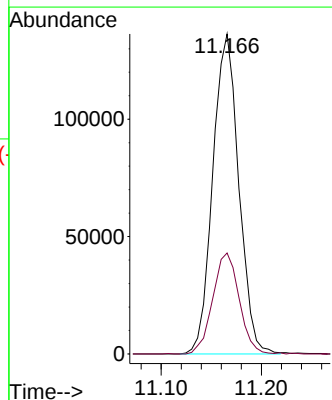
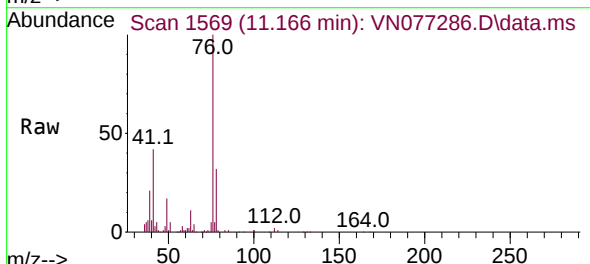
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

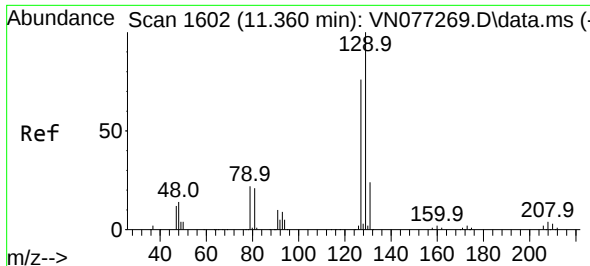
Tgt Ion: 69 Resp: 226558
Ion Ratio Lower Upper
69 100
41 52.6 26.7 80.0
39 34.2 17.0 50.9



#52
1,3-Dichloropropane
Concen: 21.050 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 76 Resp: 245523
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0

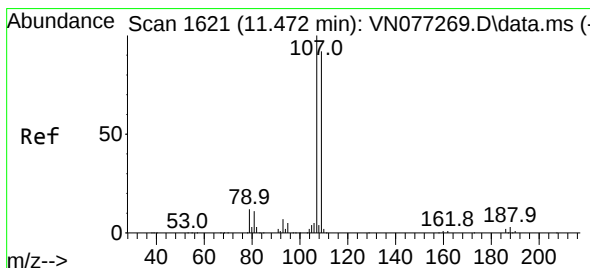
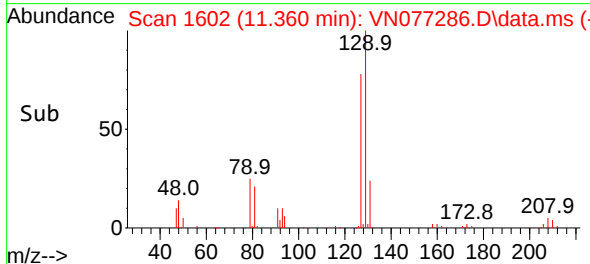
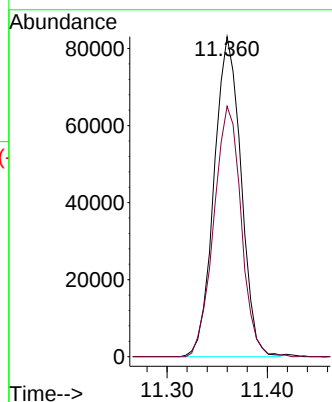
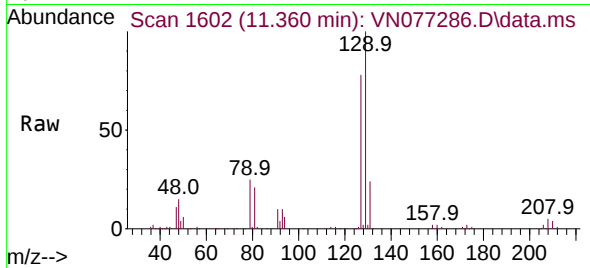




#53
Dibromochloromethane
Concen: 21.015 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

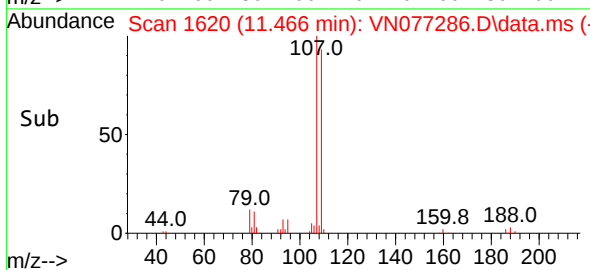
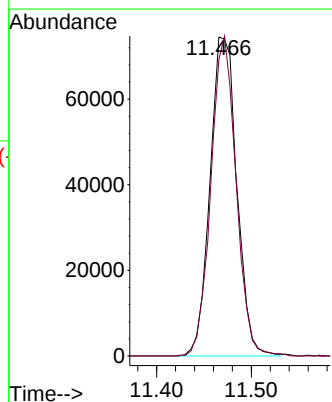
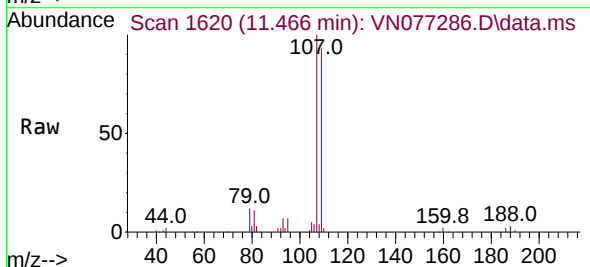
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

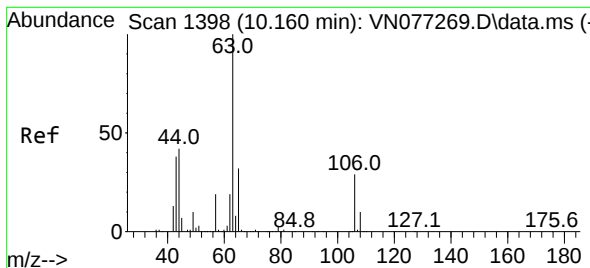
Tgt Ion:129 Resp: 154795
Ion Ratio Lower Upper
129 100
127 79.7 38.6 115.8



#54
1,2-Dibromoethane
Concen: 20.896 ug/l
RT: 11.466 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion:107 Resp: 146599
Ion Ratio Lower Upper
107 100
109 94.0 74.1 111.1

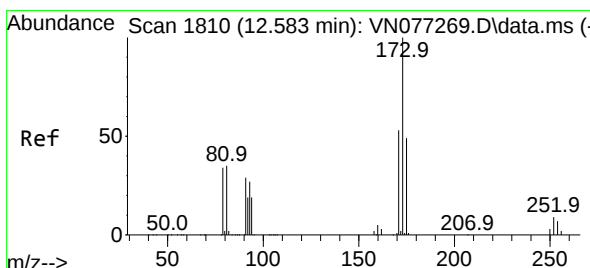
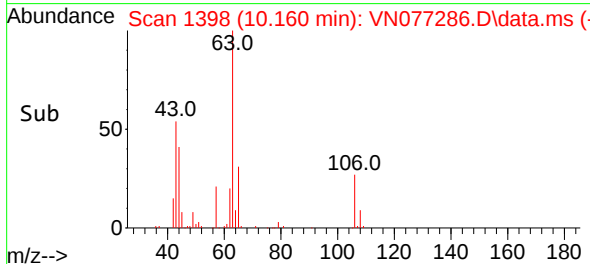
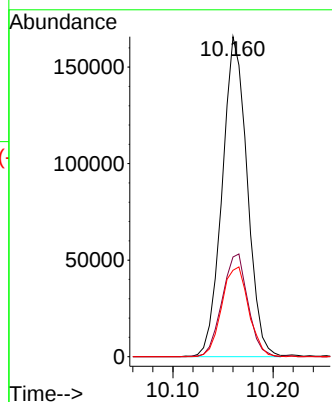
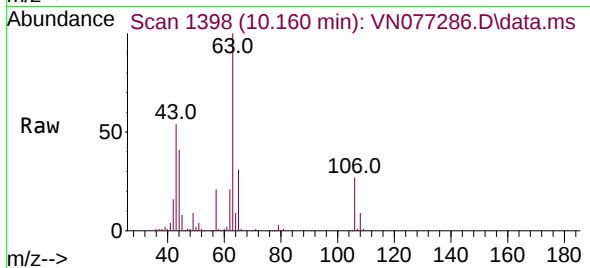




#55
2-Chloroethyl vinyl ether
Concen: 86.652 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

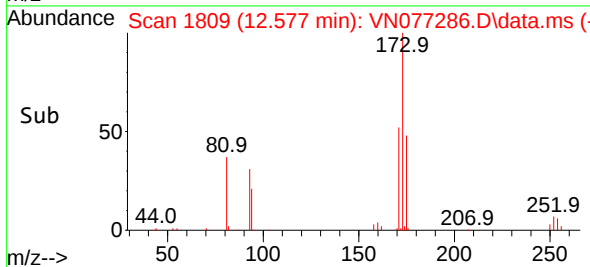
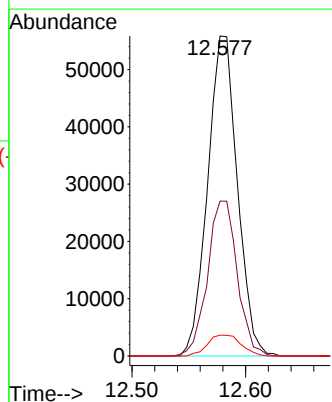
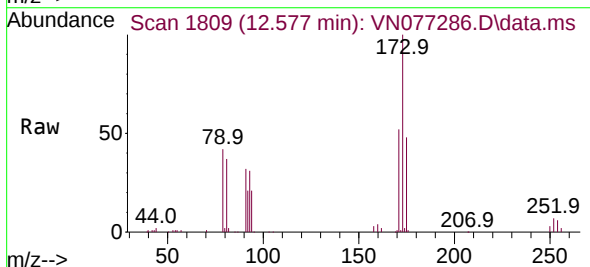
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

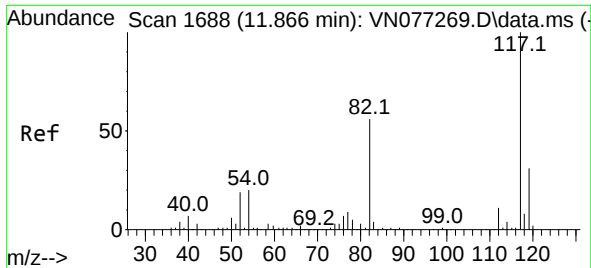
Tgt Ion: 63 Resp: 287125
Ion Ratio Lower Upper
63 100
65 33.0 25.7 38.5
106 30.1 24.0 36.0



#56
Bromoform
Concen: 20.519 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion:173 Resp: 101527
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.2
254 7.4 6.0 9.0

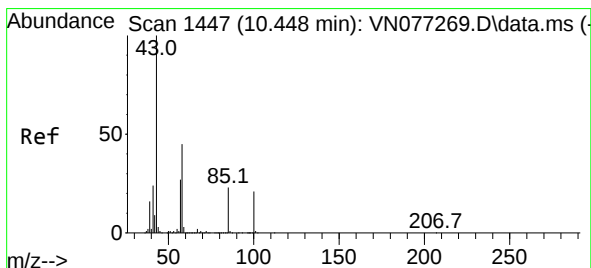
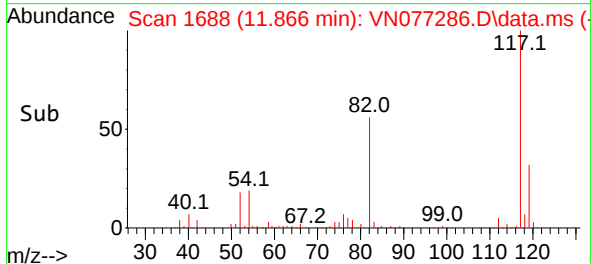
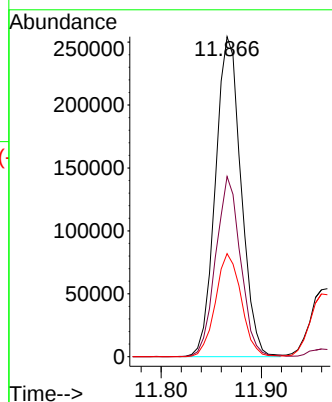
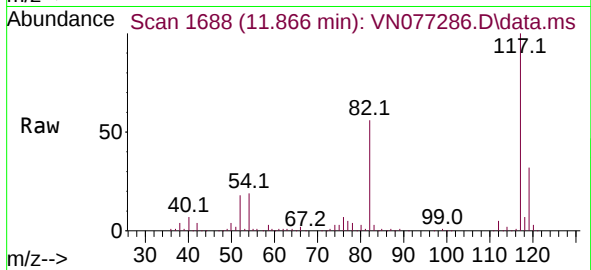




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

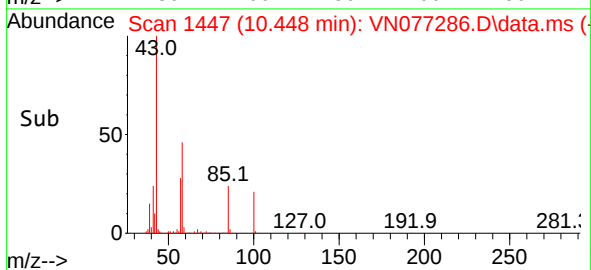
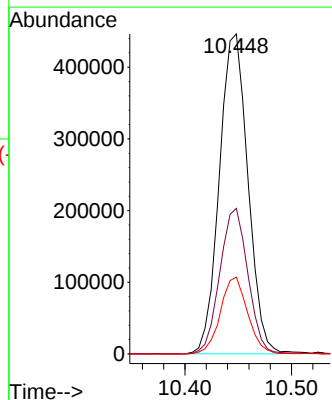
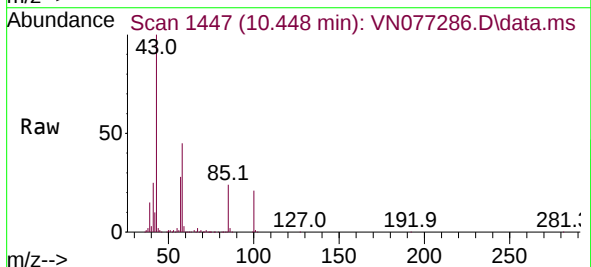
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

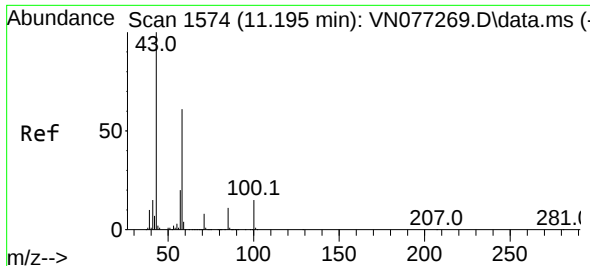
Tgt Ion:117 Resp: 451062
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 32.4 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 98.224 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 43 Resp: 829543
Ion Ratio Lower Upper
43 100
58 44.9 34.7 52.1
85 23.0 17.8 26.8

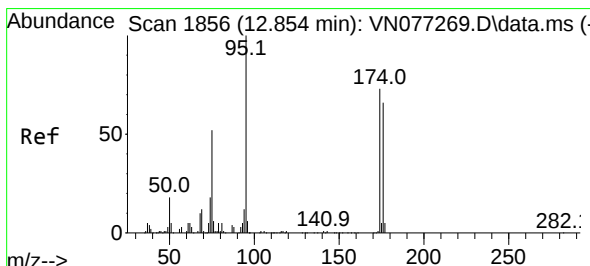
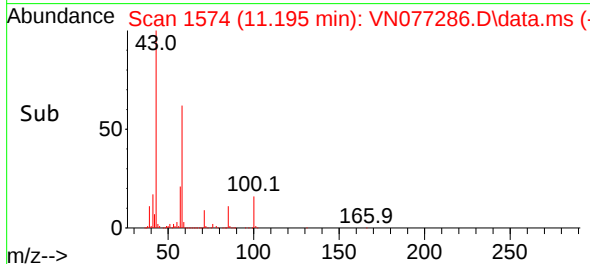
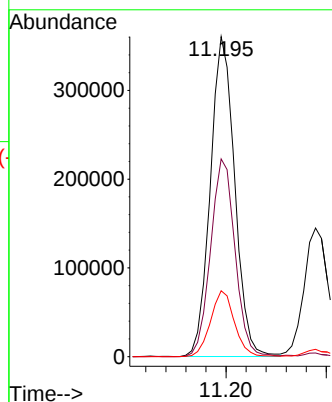
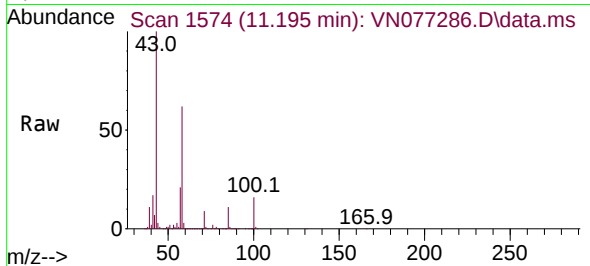




#59
2-Hexanone
Concen: 93.178 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

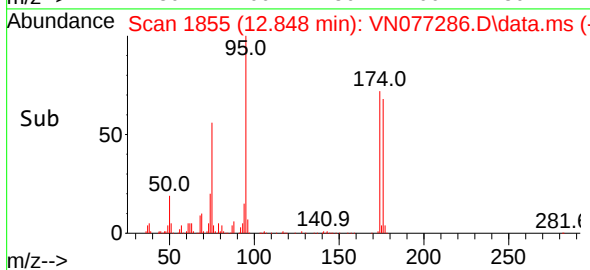
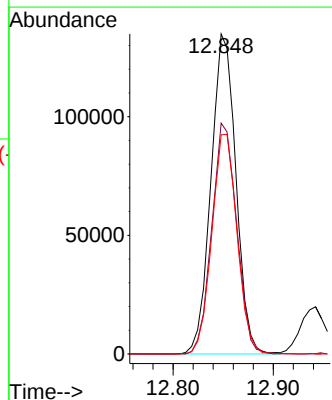
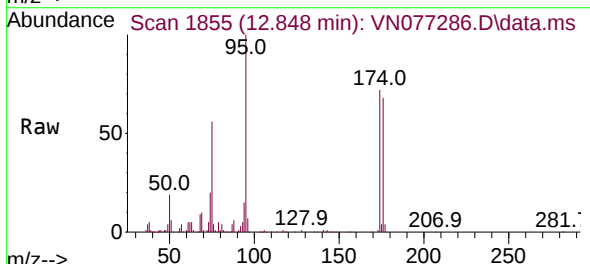
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

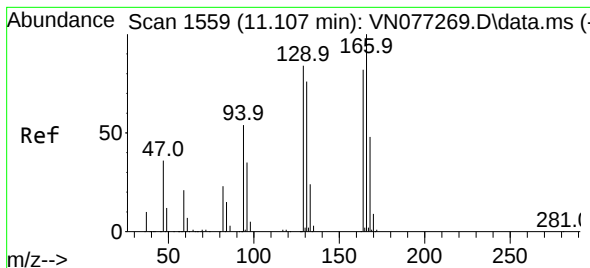
Tgt Ion: 43 Resp: 608270
Ion Ratio Lower Upper
43 100
58 62.0 48.6 73.0
57 20.3 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 29.812 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 95 Resp: 232518
Ion Ratio Lower Upper
95 100
174 72.1 57.8 86.8
176 69.3 54.6 81.8





#61

Tetrachloroethene

Concen: 18.916 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBSD01

Tgt Ion:164 Resp: 101484

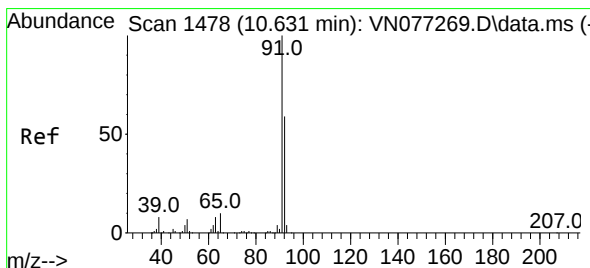
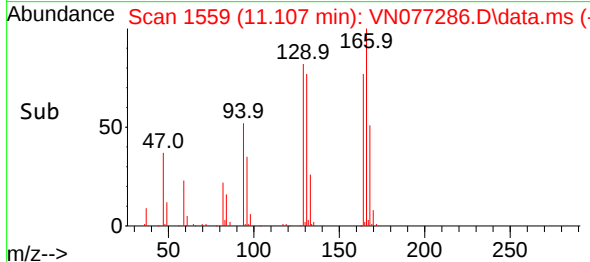
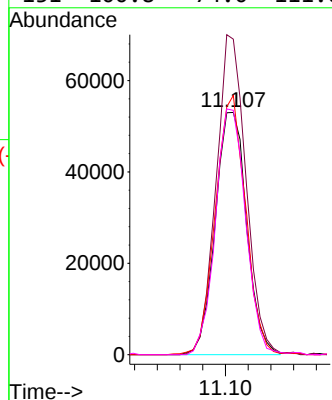
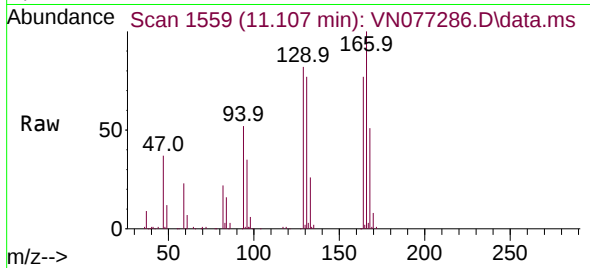
Ion Ratio Lower Upper

164 100

166 130.2 97.9 146.9

129 106.6 82.5 123.7

131 100.8 74.0 111.0



#62

Toluene

Concen: 19.226 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.001 min

Lab File: VN077286.D

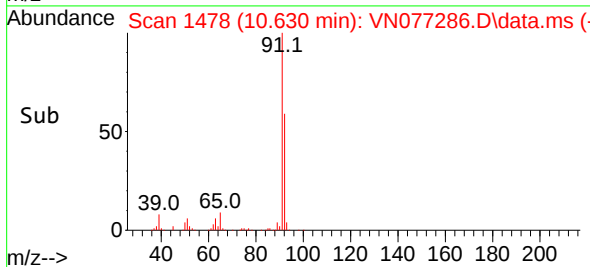
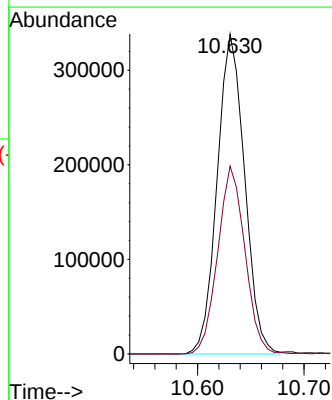
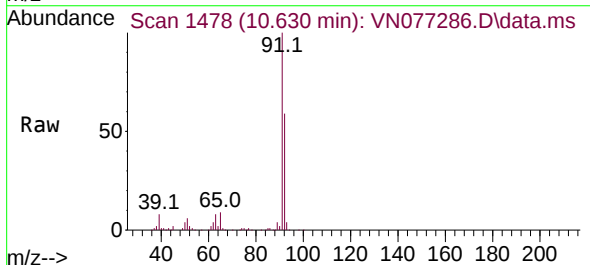
Acq: 10 Apr 2023 10:57

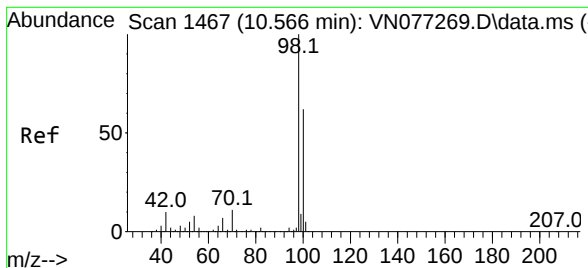
Tgt Ion: 91 Resp: 605076

Ion Ratio Lower Upper

91 100

92 58.1 46.6 70.0





#63

Toluene-d8

Concen: 29.354 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

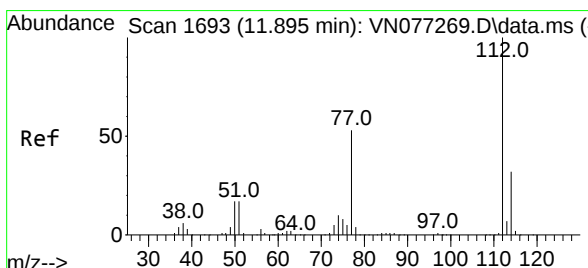
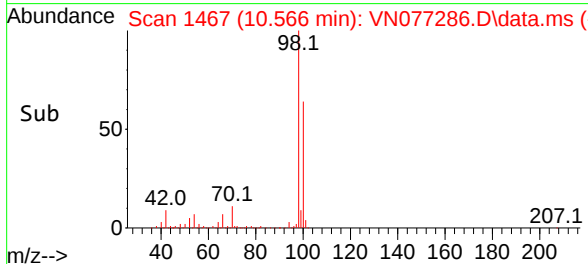
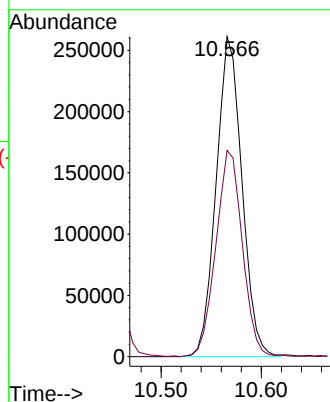
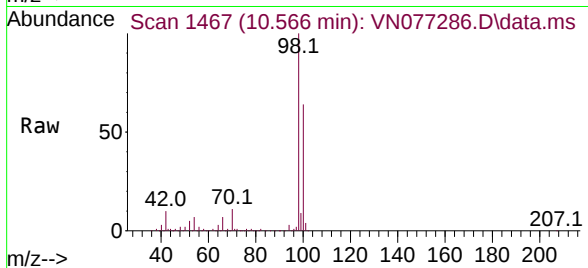
VN0410WBSD01

Tgt Ion: 98 Resp: 465464

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.2



#64

Chlorobenzene

Concen: 19.737 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VN077286.D

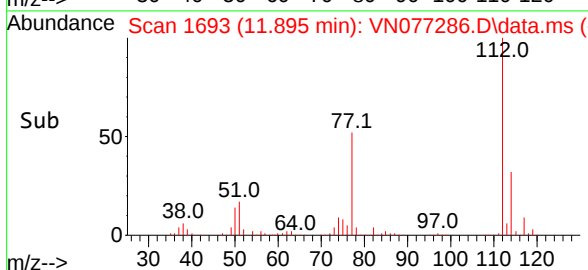
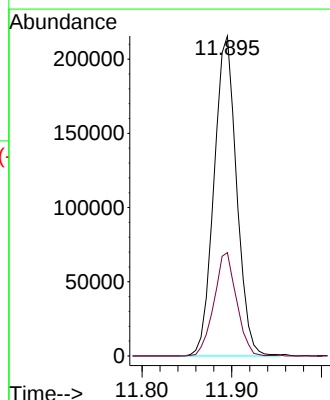
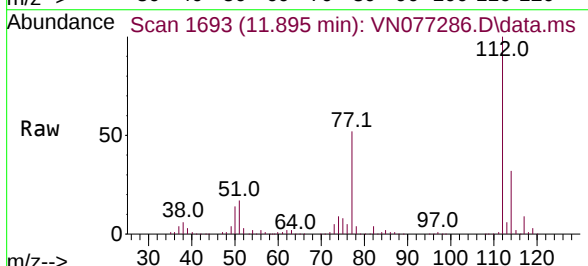
Acq: 10 Apr 2023 10:57

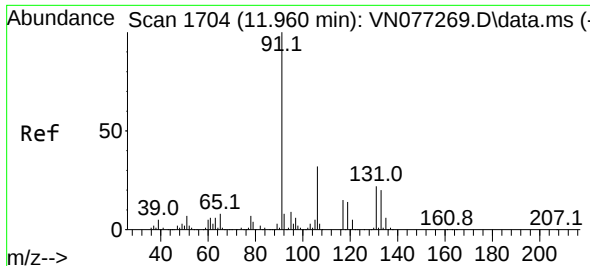
Tgt Ion: 112 Resp: 377378

Ion Ratio Lower Upper

112 100

114 32.3 25.6 38.4

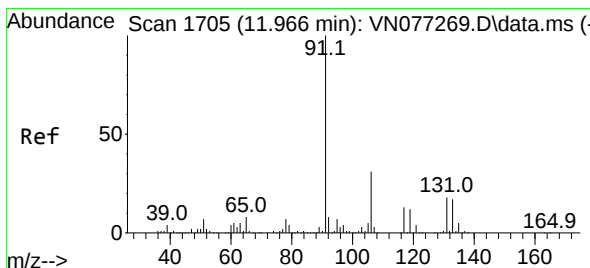
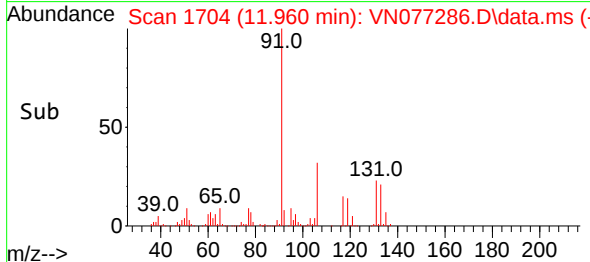
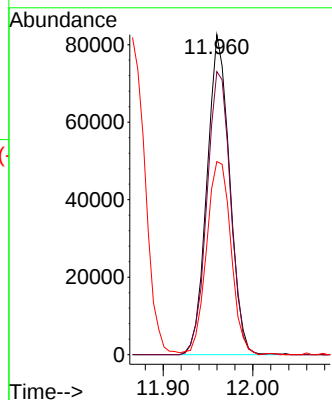
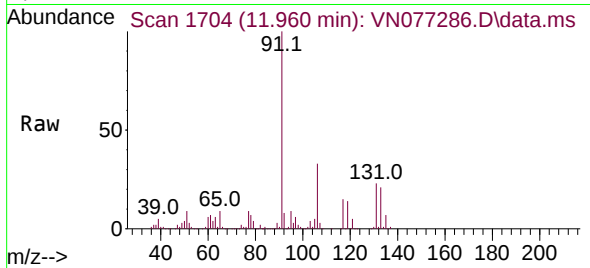




#65
1,1,1,2-Tetrachloroethane
Concen: 20.565 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

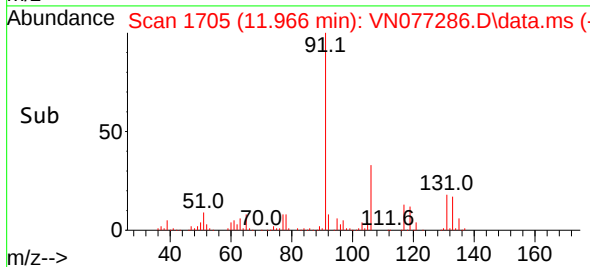
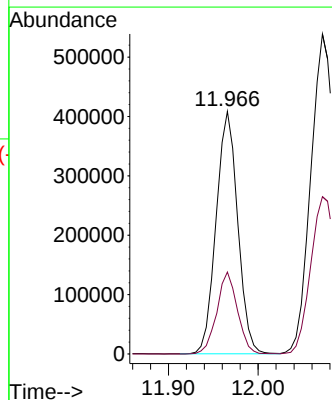
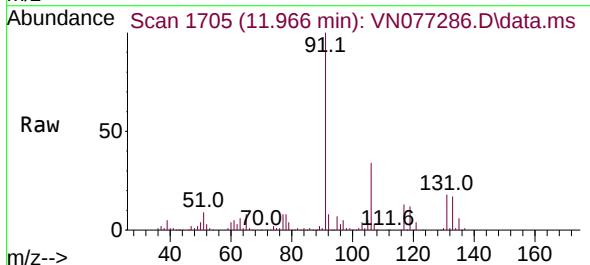
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

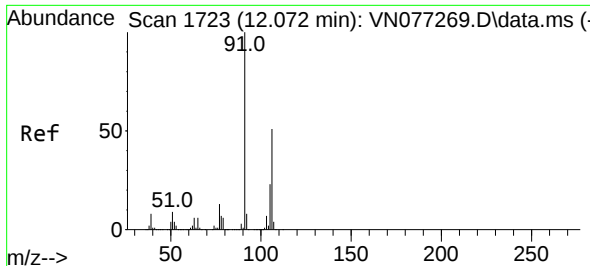
Tgt Ion:131 Resp: 144593
Ion Ratio Lower Upper
131 100
133 92.4 0.0 184.4
119 65.1 0.0 134.8



#66
Ethyl Benzene
Concen: 19.578 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 91 Resp: 682631
Ion Ratio Lower Upper
91 100
106 33.8 25.0 37.6

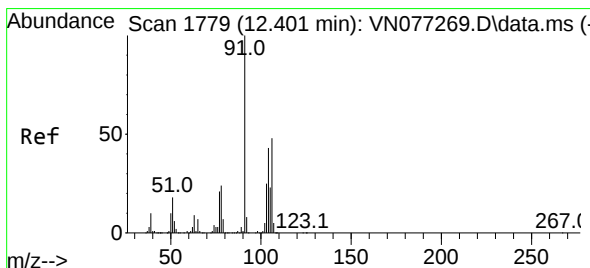
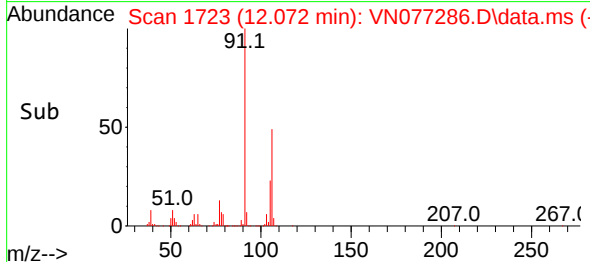
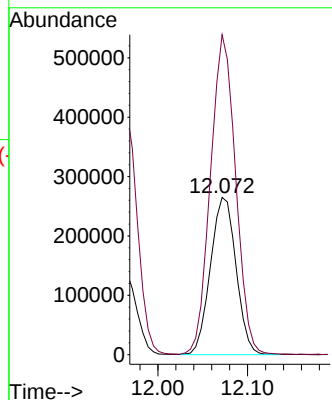
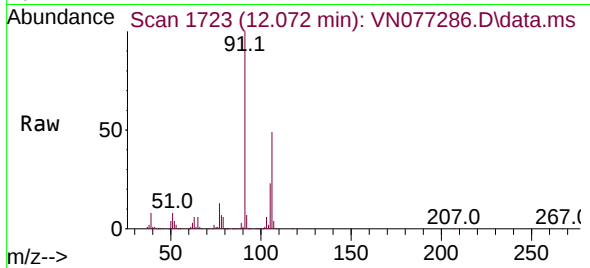




#67
m/p-Xylenes
Concen: 38.509 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

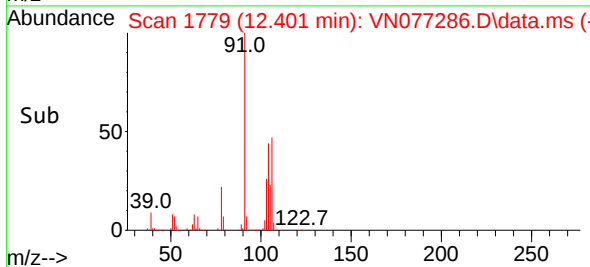
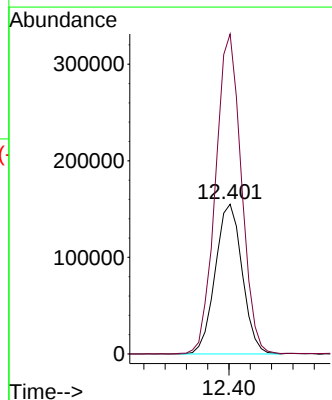
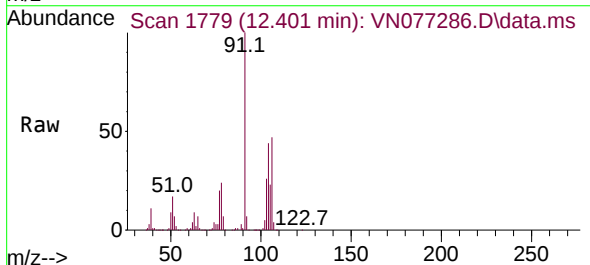
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

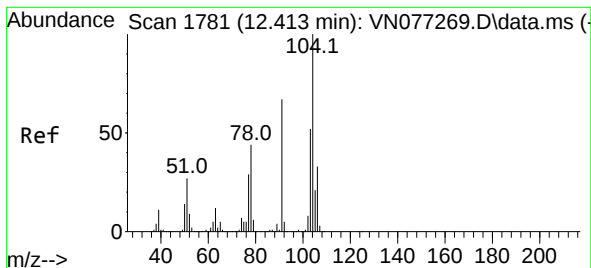
Tgt Ion:106 Resp: 526286
Ion Ratio Lower Upper
106 100
91 200.0 158.0 237.0



#68
o-Xylene
Concen: 19.880 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion:106 Resp: 271807
Ion Ratio Lower Upper
106 100
91 205.3 103.6 310.8





#69

Styrene

Concen: 19.735 ug/l

RT: 12.413 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBSD01

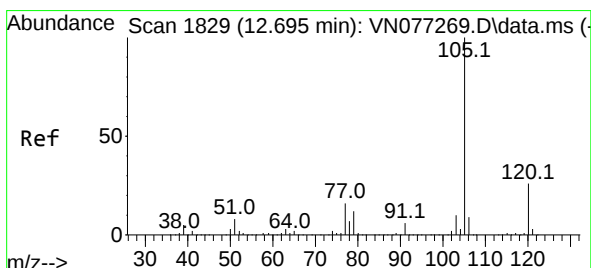
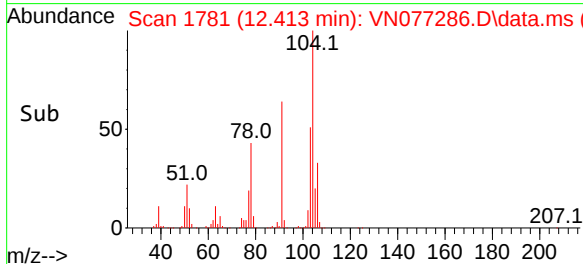
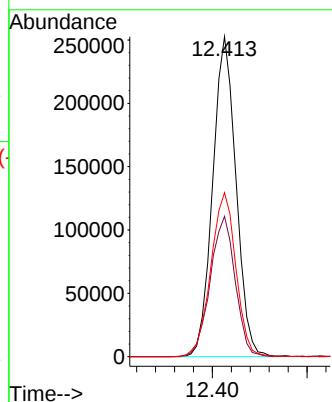
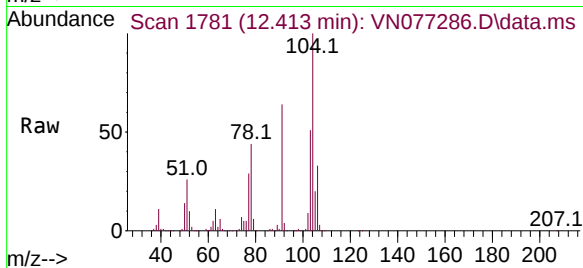
Tgt Ion:104 Resp: 432293

Ion Ratio Lower Upper

104 100

78 47.0 38.2 57.4

103 55.0 43.6 65.4



#70

Isopropylbenzene

Concen: 19.607 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. 0.000 min

Lab File: VN077286.D

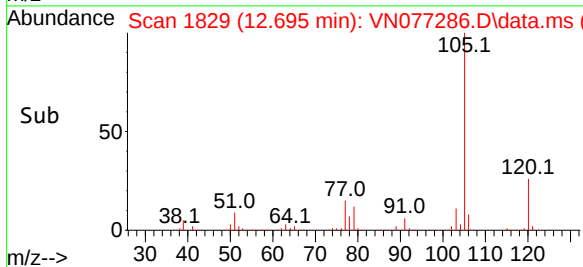
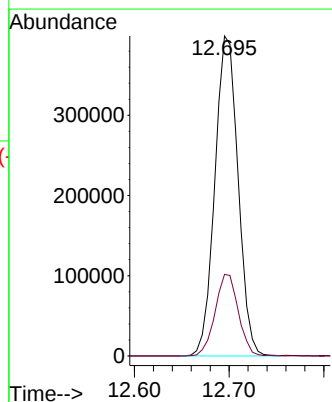
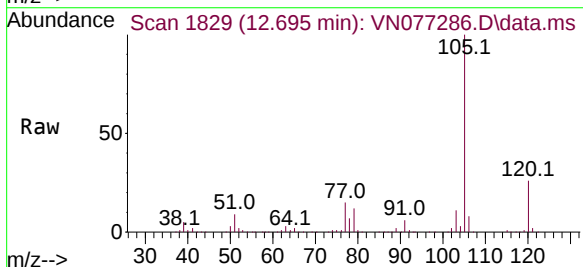
Acq: 10 Apr 2023 10:57

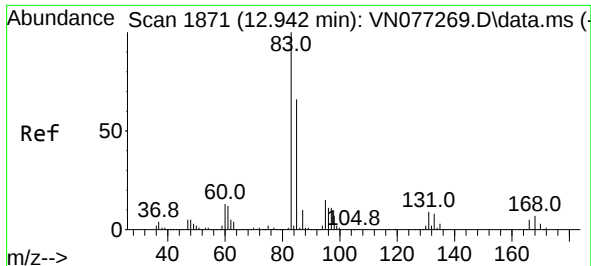
Tgt Ion:105 Resp: 680342

Ion Ratio Lower Upper

105 100

120 25.5 18.3 34.1

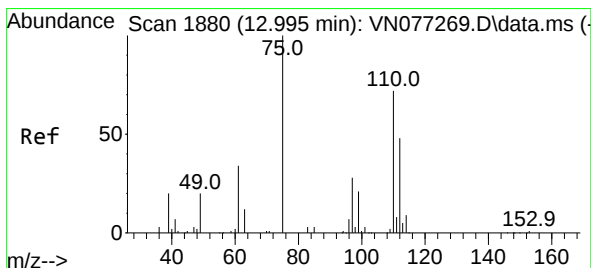
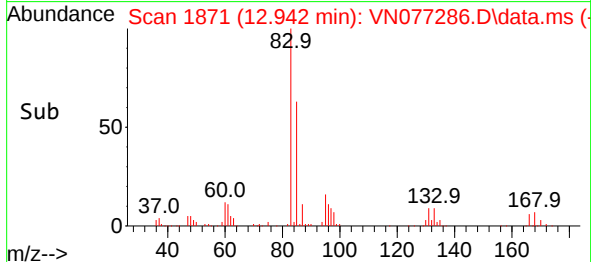
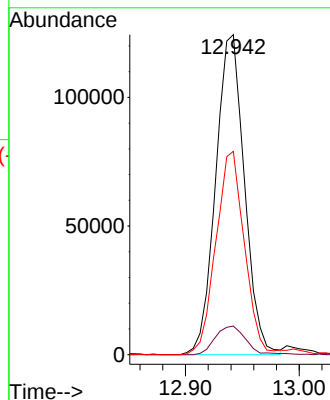
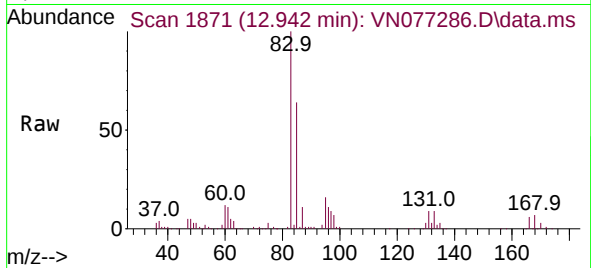




#71
1,1,2,2-Tetrachloroethane
Concen: 20.597 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

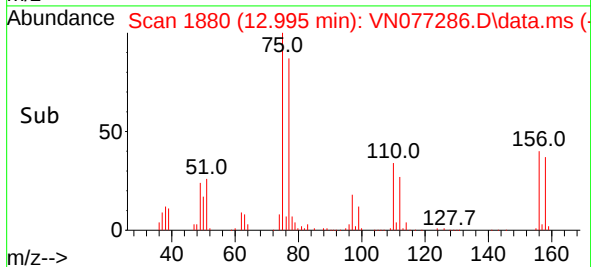
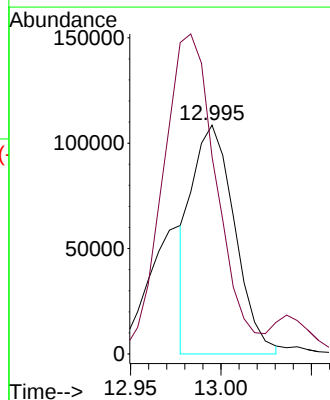
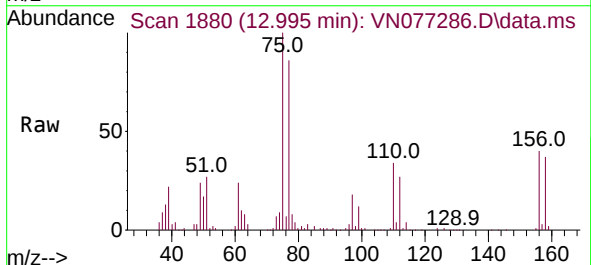
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

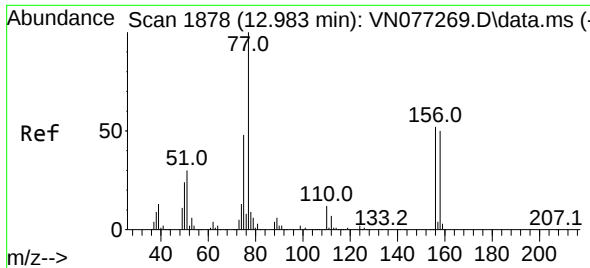
Tgt Ion: 83 Resp: 218858
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.0
85 62.9 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 24.627 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 75 Resp: 177878
Ion Ratio Lower Upper
75 100
77 177.3 0.0 434.2

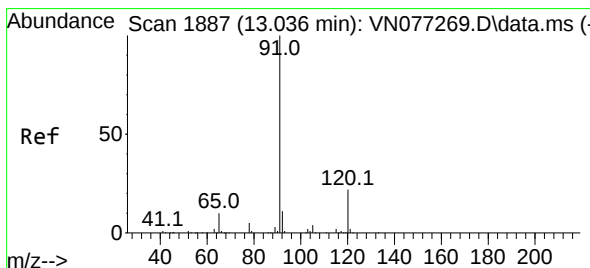
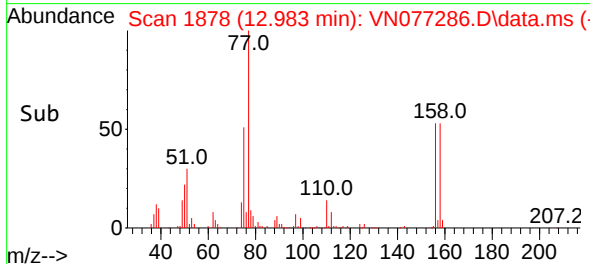
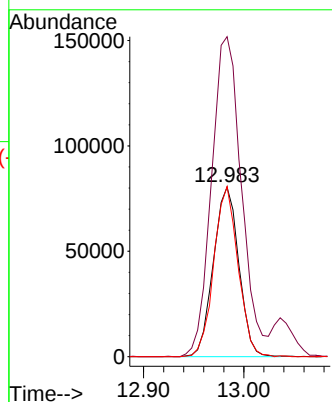
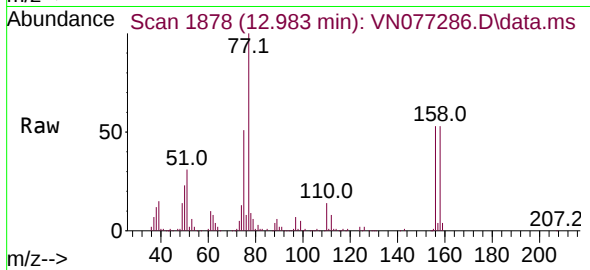




#73
Bromobenzene
Concen: 20.056 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

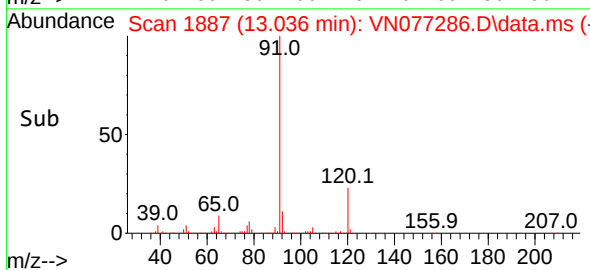
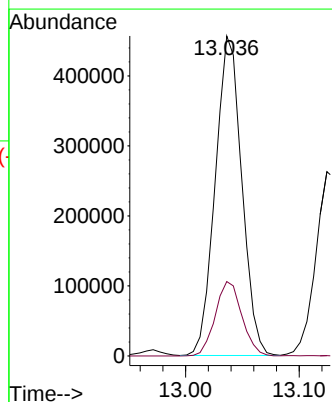
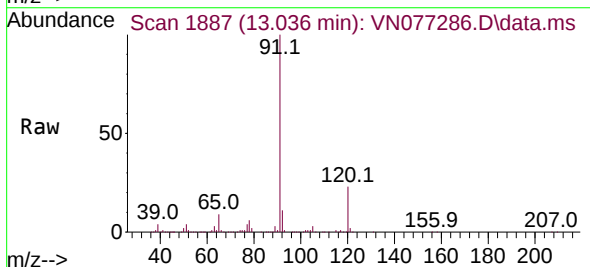
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

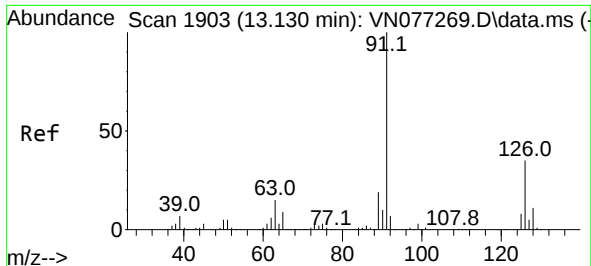
Tgt Ion:156 Resp: 141388
Ion Ratio Lower Upper
156 100
77 223.1 0.0 456.6
158 95.8 0.0 195.6



#74
n-propylbenzene
Concen: 19.267 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 91 Resp: 739693
Ion Ratio Lower Upper
91 100
120 23.4 0.0 45.6

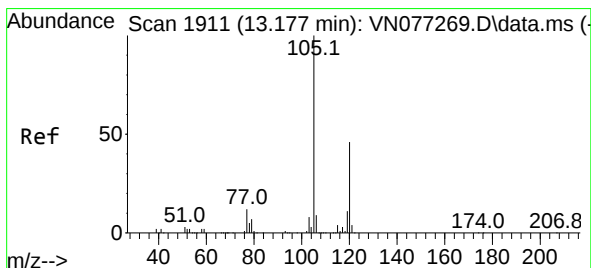
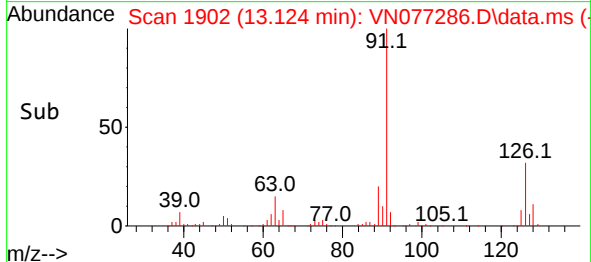
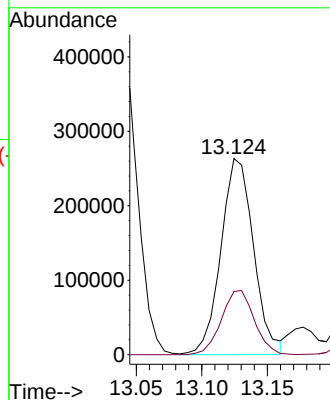
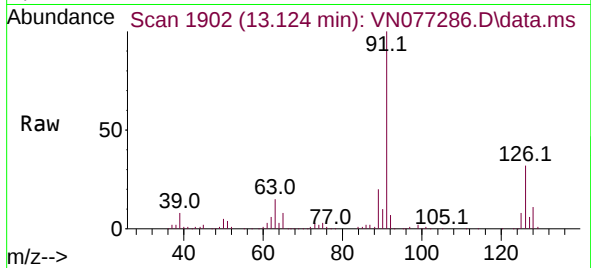




#75
2-Chlorotoluene
Concen: 19.863 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

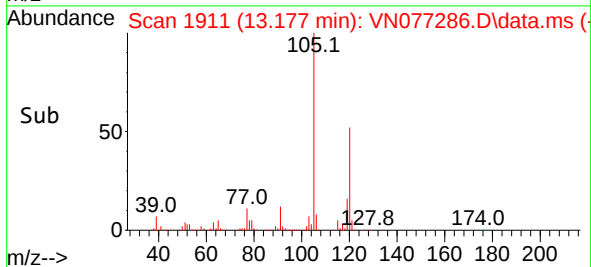
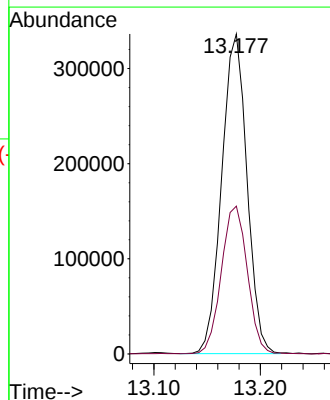
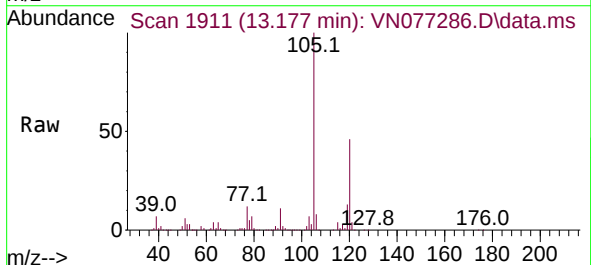
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

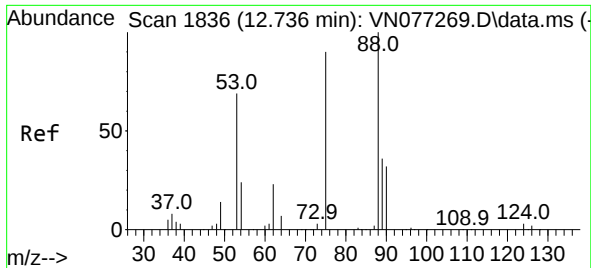
Tgt Ion: 91 Resp: 456814
Ion Ratio Lower Upper
91 100
126 33.0 0.0 67.0



#76
1,3,5-Trimethylbenzene
Concen: 19.579 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 105 Resp: 552946
Ion Ratio Lower Upper
105 100
120 47.4 0.0 94.4

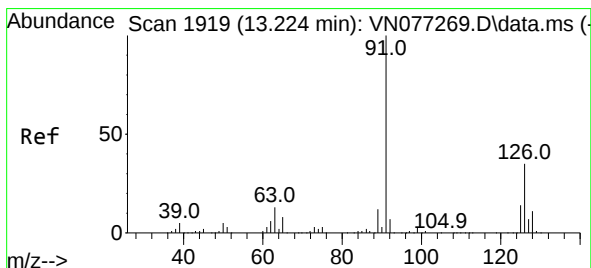
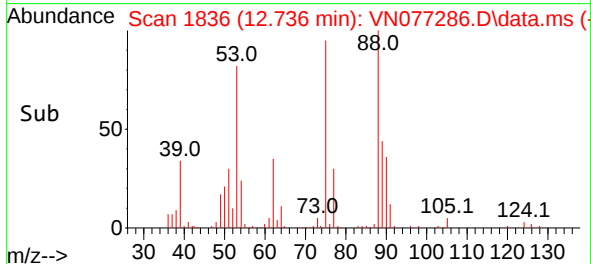
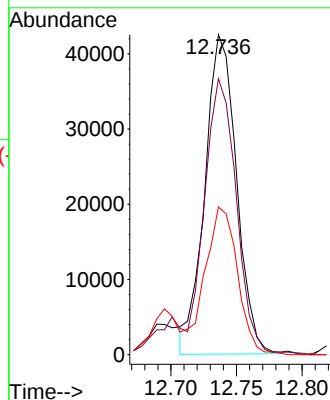
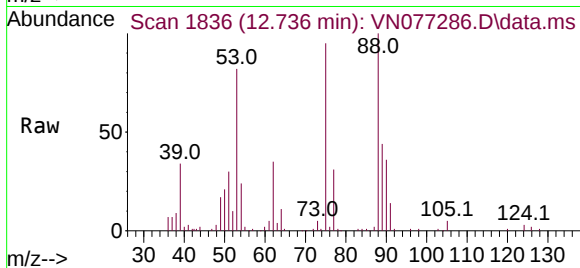




#77
t-1,4-Dichloro-2-butene
Concen: 19.360 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

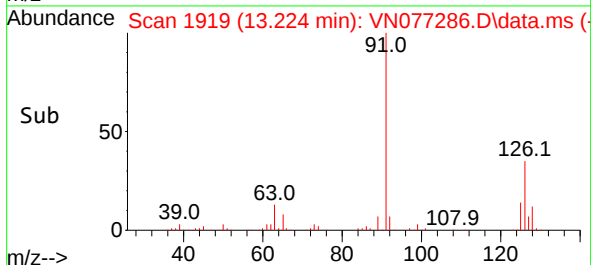
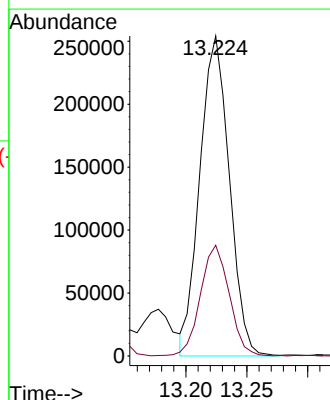
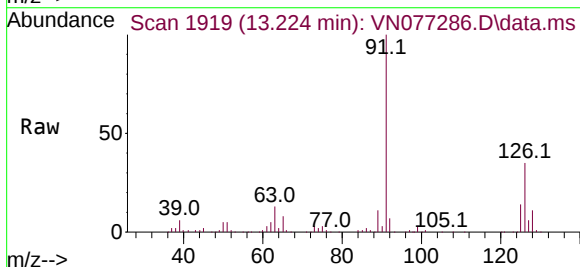
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

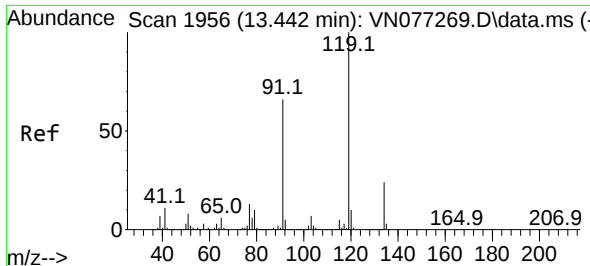
Tgt Ion:	75	Resp:	71225
Ion	Ratio	Lower	Upper
75	100		
53	86.1	38.8	116.4
89	46.0	23.2	69.6



#78
4-Chlorotoluene
Concen: 19.675 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion:	91	Resp:	427563
Ion	Ratio	Lower	Upper
91	100		
126	33.8	0.0	67.4

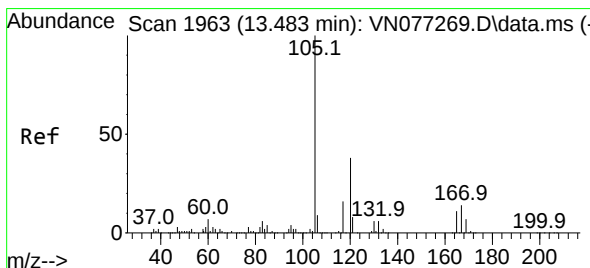
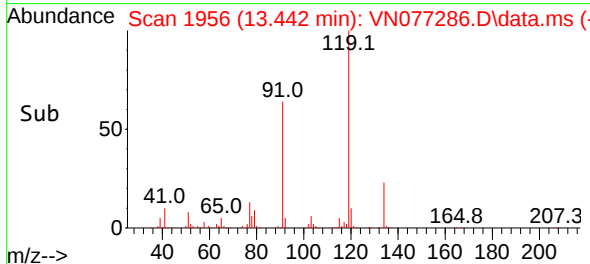
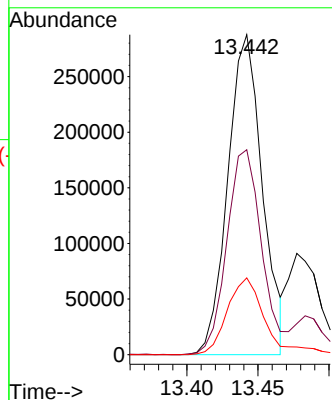
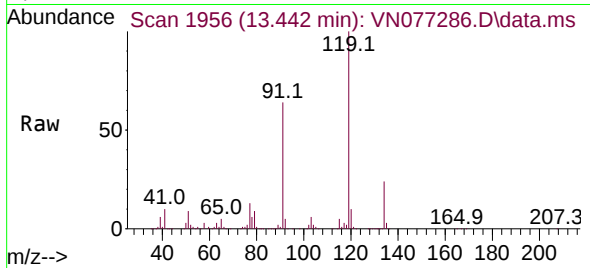




#79
tert-butylbenzene
Concen: 19.793 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

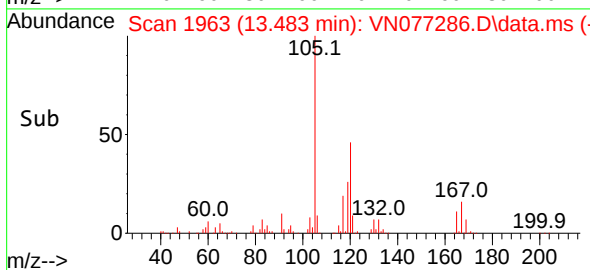
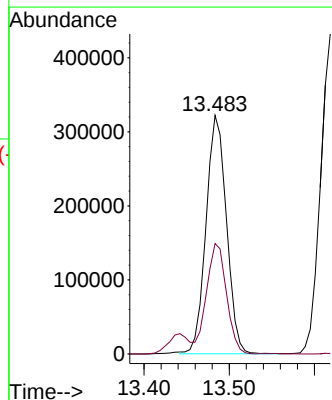
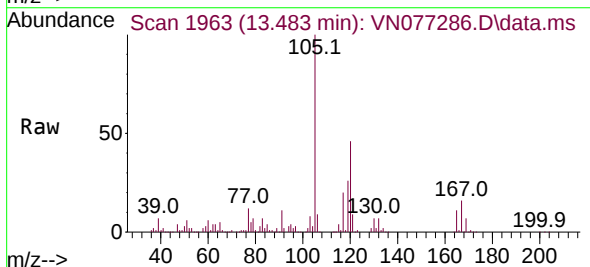
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

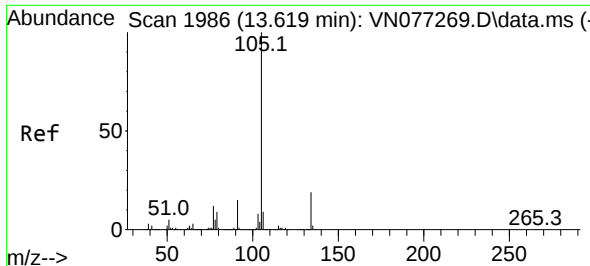
Tgt Ion:119 Resp: 486486
Ion Ratio Lower Upper
119 100
91 65.2 0.0 131.0
134 24.5 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 19.426 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion:105 Resp: 534795
Ion Ratio Lower Upper
105 100
120 44.9 0.0 91.0

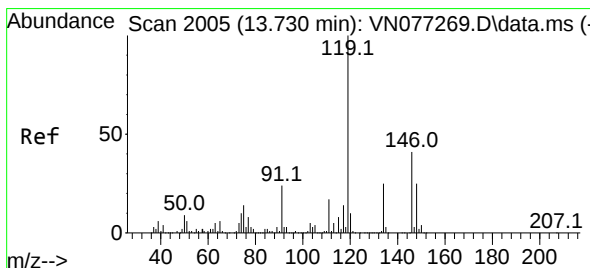
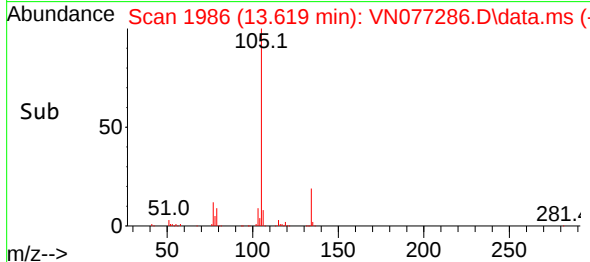
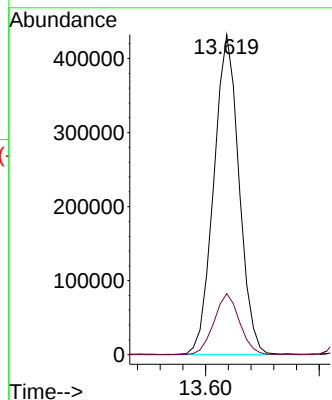
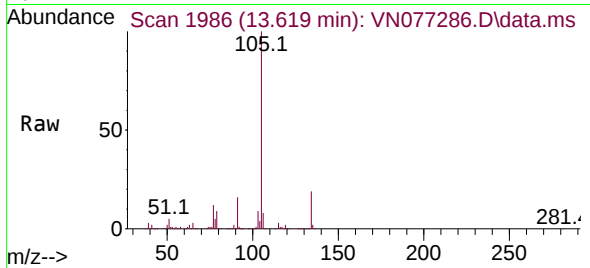




#81
 sec-Butylbenzene
 Concen: 19.012 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

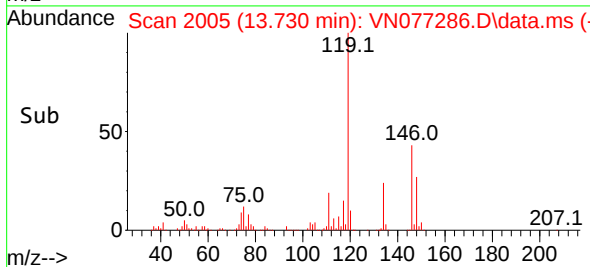
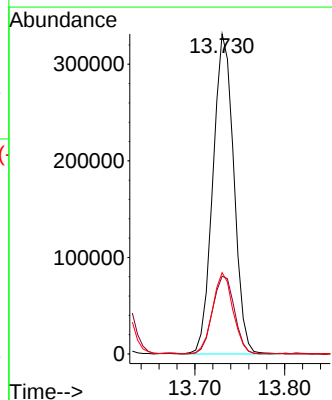
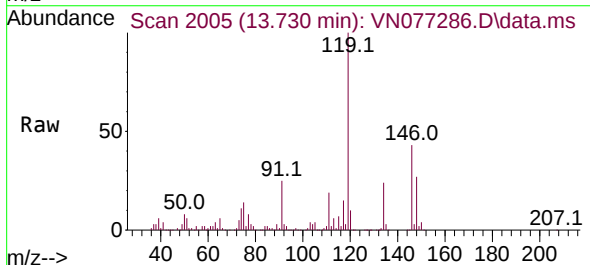
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBSD01

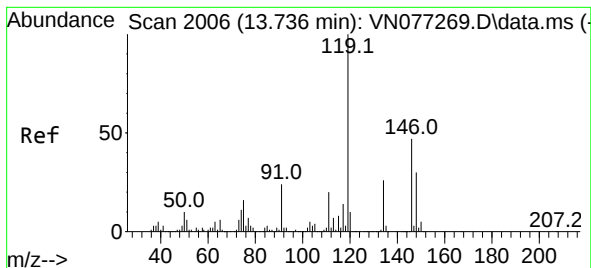
Tgt Ion:105 Resp: 667359
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.039 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

Tgt Ion:119 Resp: 535410
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.0
 91 25.0 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 19.265 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBSD01

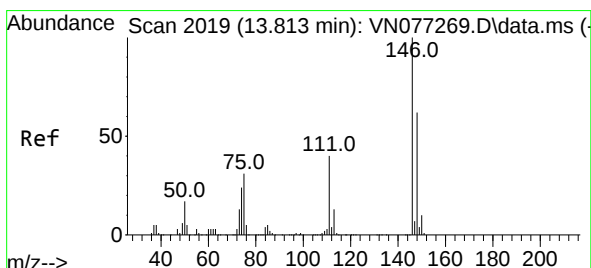
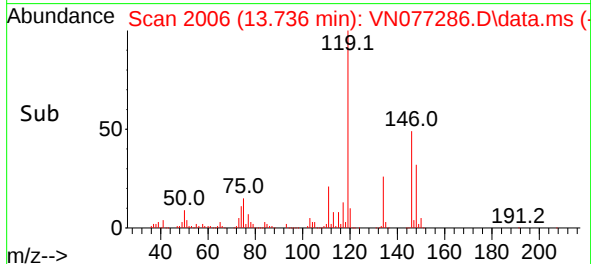
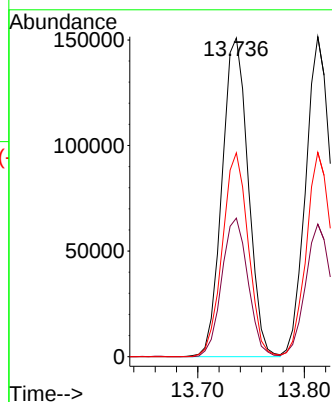
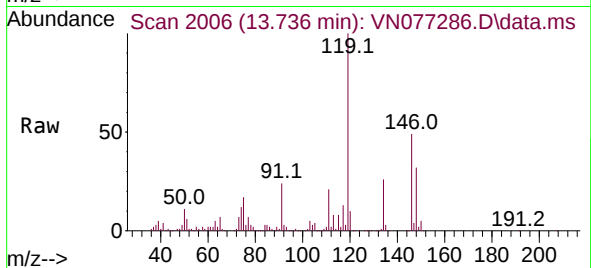
Tgt Ion:146 Resp: 257497

Ion Ratio Lower Upper

146 100

111 43.6 21.4 64.2

148 63.2 31.9 95.5



#84

1,4-Dichlorobenzene

Concen: 19.754 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

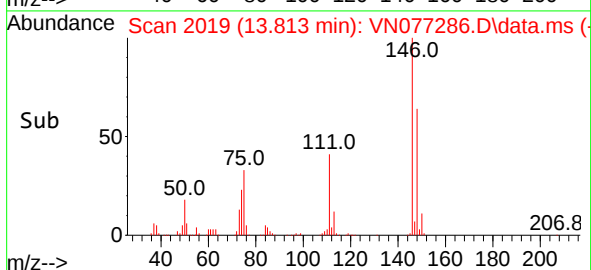
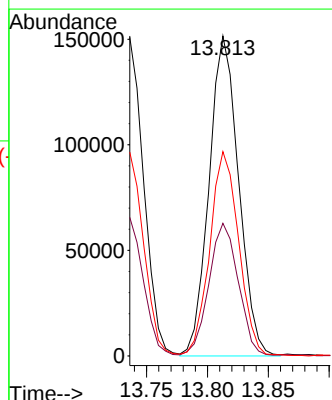
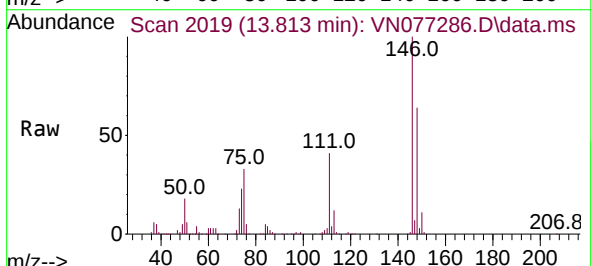
Tgt Ion:146 Resp: 256166

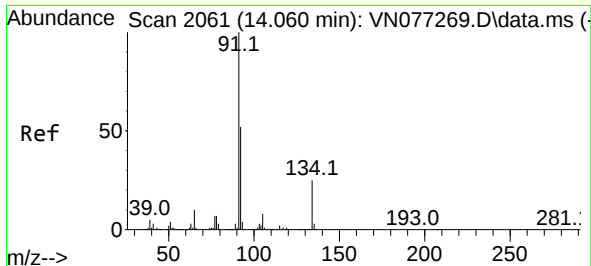
Ion Ratio Lower Upper

146 100

111 41.3 20.3 61.0

148 61.6 31.6 94.7

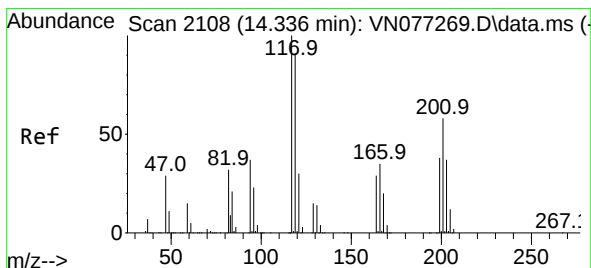
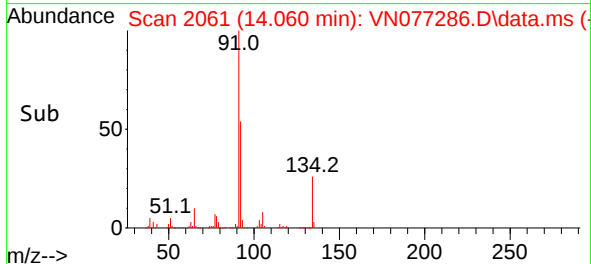
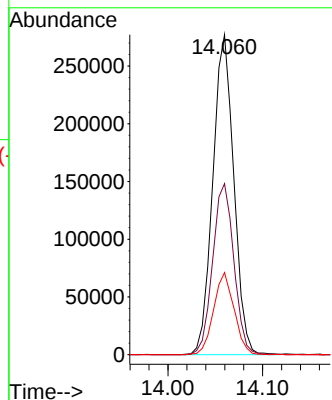
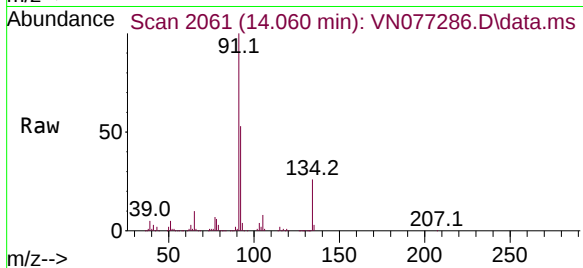




#85
n-Butylbenzene
Concen: 18.399 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

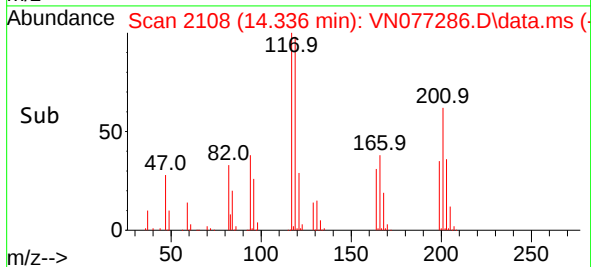
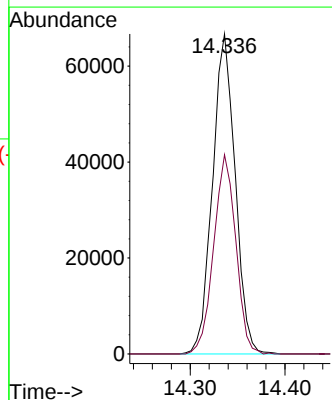
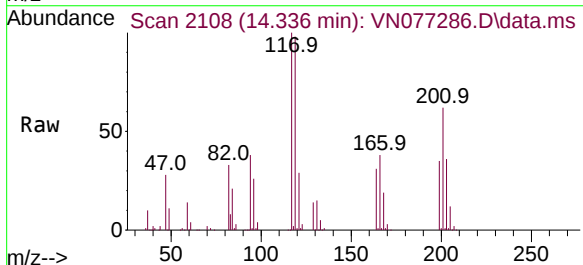
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

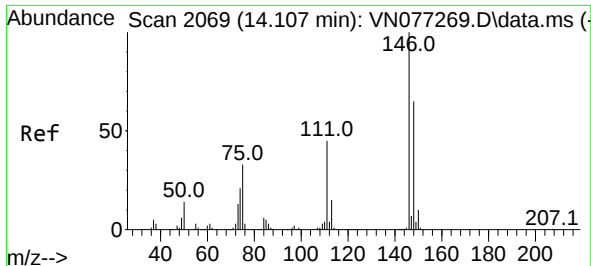
Tgt Ion: 91 Resp: 427574
Ion Ratio Lower Upper
91 100
92 54.0 0.0 105.6
134 25.1 0.0 49.4



#86
Hexachloroethane
Concen: 18.538 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion: 117 Resp: 110898
Ion Ratio Lower Upper
117 100
201 60.7 29.1 87.4

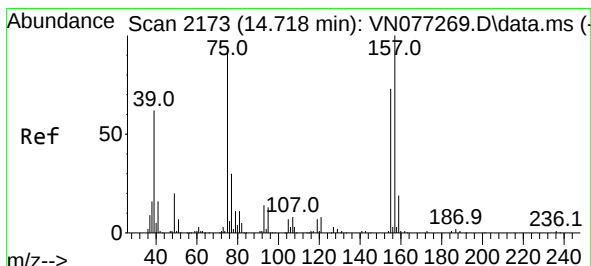
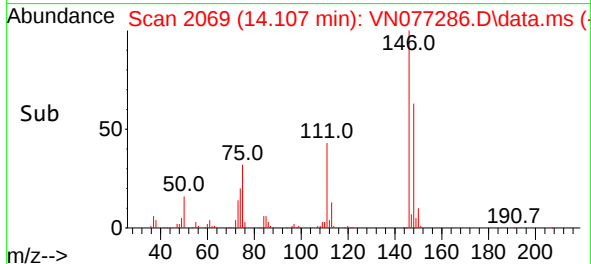
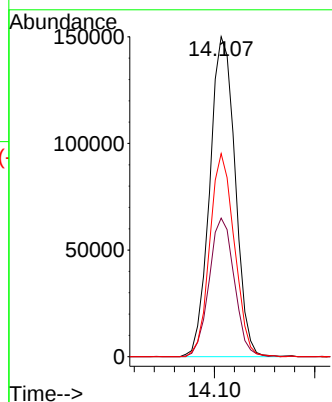
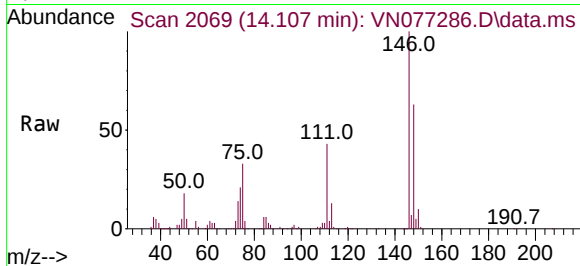




#87
 1,2-Dichlorobenzene
 Concen: 20.132 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

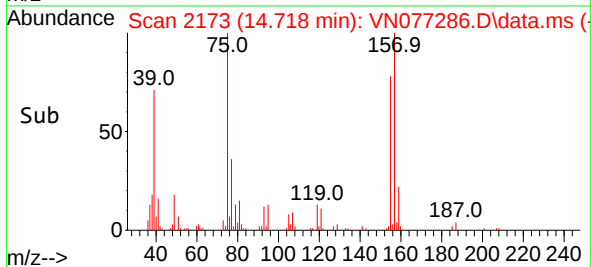
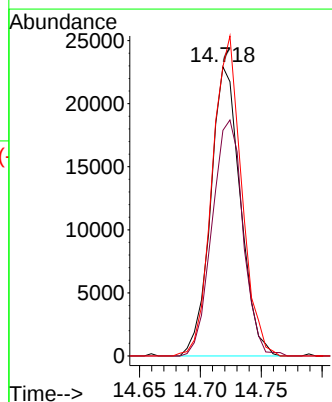
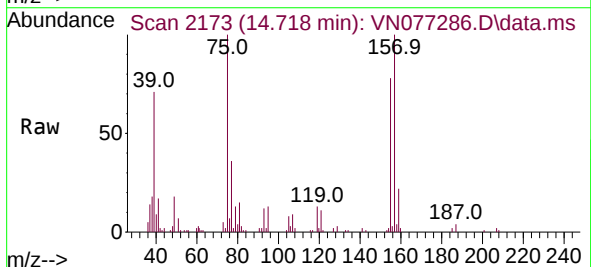
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBSD01

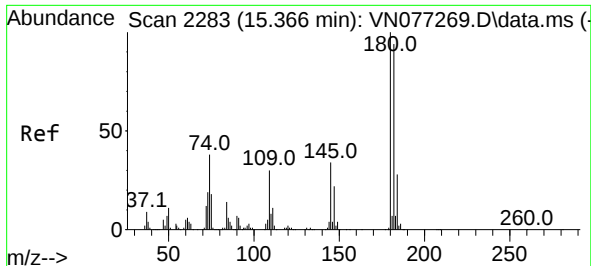
Tgt Ion:146 Resp: 263660
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.1 66.5
 148 61.6 31.9 95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.213 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. 0.000 min
 Lab File: VN077286.D
 Acq: 10 Apr 2023 10:57

Tgt Ion: 75 Resp: 39121
 Ion Ratio Lower Upper
 75 100
 155 84.1 67.8 101.6
 157 108.4 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 17.206 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBSD01

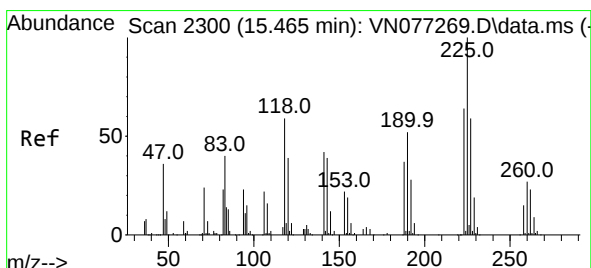
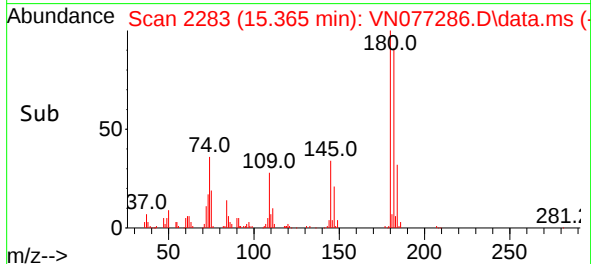
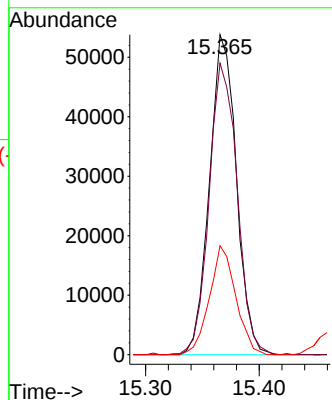
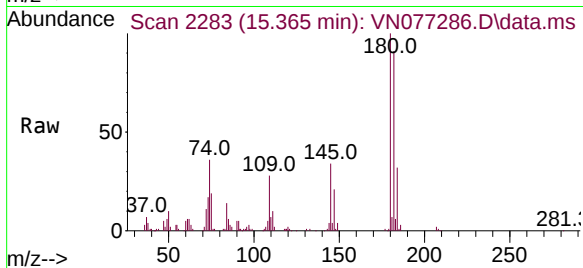
Tgt Ion:180 Resp: 88639

Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

145 33.4 26.7 40.1



#90

Hexachlorobutadiene

Concen: 18.811 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077286.D

Acq: 10 Apr 2023 10:57

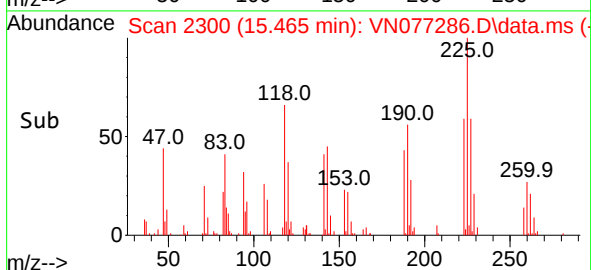
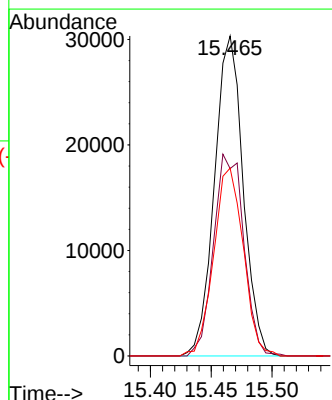
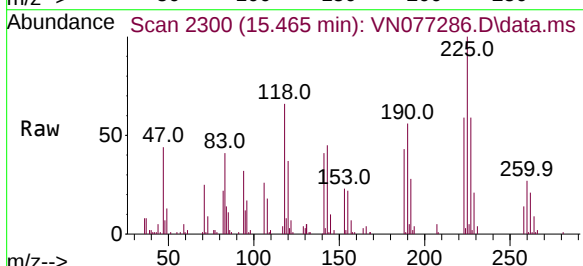
Tgt Ion:225 Resp: 49701

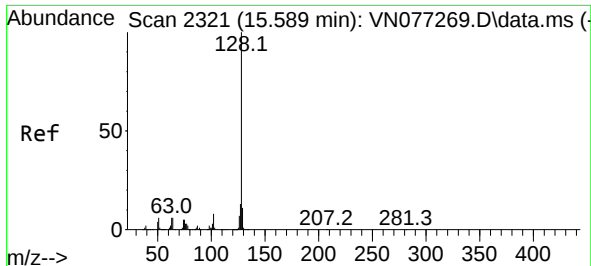
Ion Ratio Lower Upper

225 100

223 66.1 0.0 126.0

227 60.7 0.0 127.2

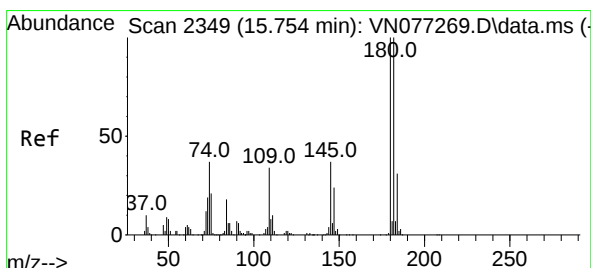
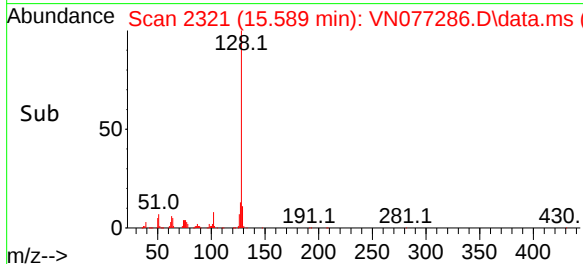
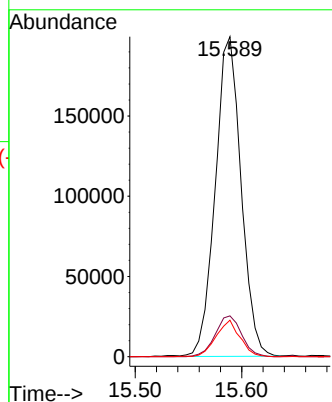
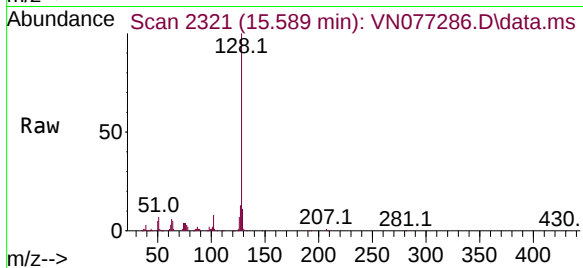




#91
Naphthalene
Concen: 17.010 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBSD01

Tgt Ion:128 Resp: 334762
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.6 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 16.484 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077286.D
Acq: 10 Apr 2023 10:57

Tgt Ion:180 Resp: 82858
Ion Ratio Lower Upper
180 100
182 95.9 0.0 190.4
145 35.5 0.0 72.4

