

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077502.D
 Acq On : 28 Apr 2023 14:49
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 28 16:09:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:05:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	66719	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	510847	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	540890	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.578	65	186252	30.848	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.833%
60) 4-Bromofluorobenzene	12.854	95	265321	27.780	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.600%
63) Toluene-d8	10.572	98	579028	30.427	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.433%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	43170	4.884	ug/l	98
3) Chloromethane	2.372	50	33455	5.228	ug/l	92
4) Vinyl Chloride	2.525	62	45437	5.074	ug/l	94
5) Bromomethane	2.949	94	44443	5.885	ug/l	96
7) Trichlorofluoromethane	3.507	101	67126	5.092	ug/l	94
8) Diethyl Ether	3.966	74	22951	4.974	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.378	101	21714	2.890	ug/l	83
10) 1,1-Dichloroethene	4.343	96	35997	5.029	ug/l	96
11) Methyl Iodide	4.601	142	34027	3.848	ug/l	93
12) Methyl Acetate	5.042	43	50533	4.904	ug/l	88
13) Acrolein	4.190	56	30644	24.715	ug/l	93
14) Acrylonitrile	5.737	53	79346	24.915	ug/l #	87
15) Acetone	4.437	58	23786	23.621	ug/l	98
16) Carbon Disulfide	4.719	76	91219	5.014	ug/l	98
17) Allyl chloride	5.037	41	40253	5.191	ug/l	94
18) Methylene Chloride	5.290	84	43604	5.195	ug/l #	81
19) trans-1,2-Dichloroethene	5.795	96	39573	5.003	ug/l	95
20) Diisopropyl ether	6.678	45	88937	4.883	ug/l	95
21) 1,1-Dichloroethane	6.578	63	65966	4.923	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	47701	5.047	ug/l	96
23) tert-Butyl Alcohol	5.537	59	35312	25.460	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	125049	5.039	ug/l #	91
25) Chloroform	7.972	83	74751	4.857	ug/l	94
26) Cyclohexane	8.260	56	53745	4.943	ug/l #	99
29) 1,1-Dichloropropene	8.378	75	53359	4.809	ug/l	88
30) 2-Butanone	7.495	43	99166	24.776	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	67120	4.672	ug/l #	80
33) Carbon Tetrachloride	8.372	117	59423	4.797	ug/l	95
34) Benzene	8.613	78	165143	4.870	ug/l #	93
35) Methacrylonitrile	7.789	41	20594	4.946	ug/l	84
36) 1,2-Dichloroethane	8.678	62	55980	4.829	ug/l #	89
37) Trichloroethene	9.354	130	42015	4.833	ug/l	98
38) Methylcyclohexane	9.601	83	68624	4.699	ug/l	94
39) 1,2-Dichloropropane	9.625	63	39426	5.034	ug/l	96
40) Dibromomethane	9.713	93	30883	4.961	ug/l	97
41) Bromodichloromethane	9.895	83	57798	4.679	ug/l #	95
42) Vinyl Acetate	6.613	43	277498	24.018	ug/l	100
43) Ethyl Acetate	7.566	43	37767	4.740	ug/l #	88
44) Isopropyl Acetate	8.695	43	65710	4.706	ug/l	99

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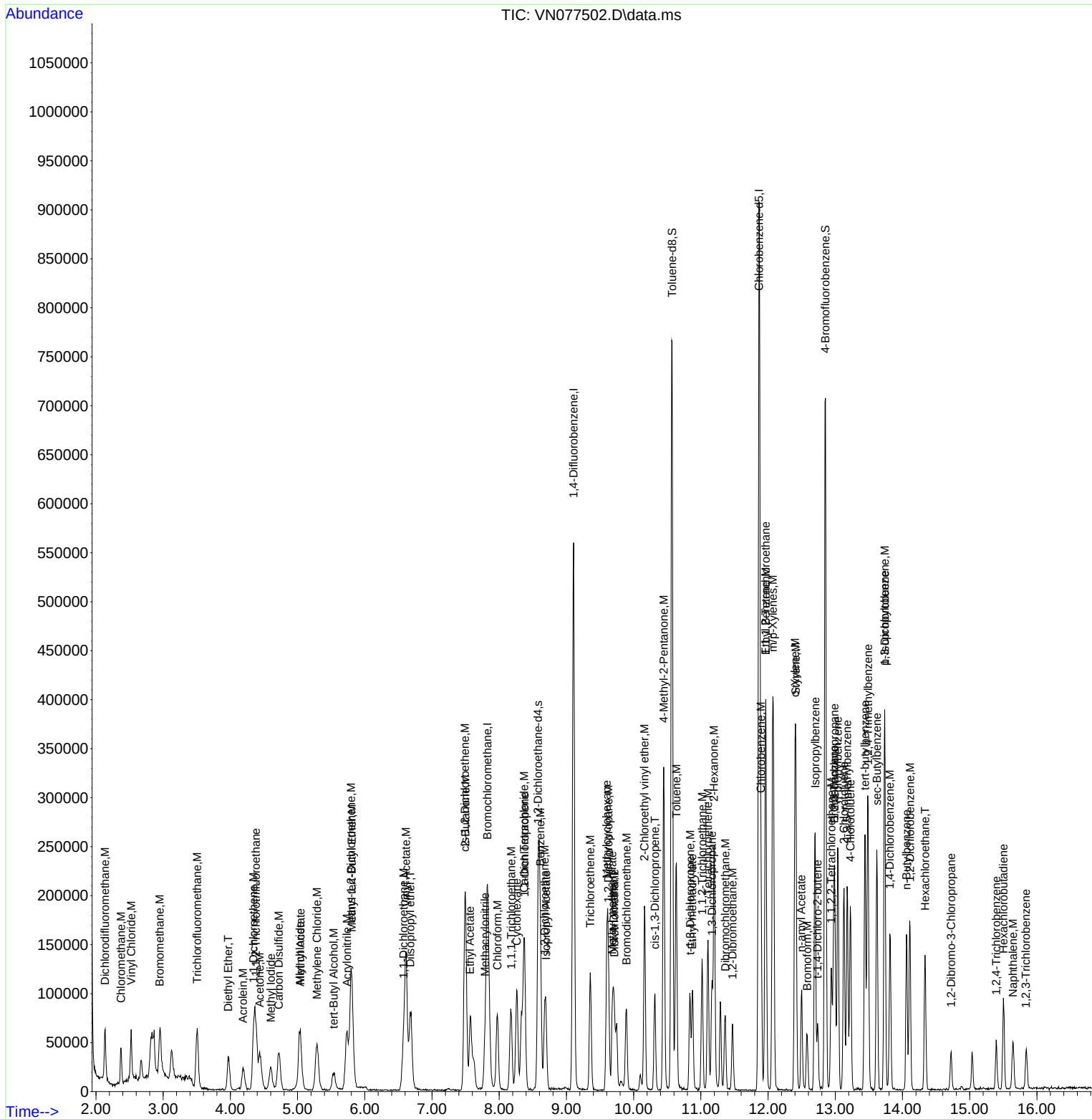
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:05:06 2023
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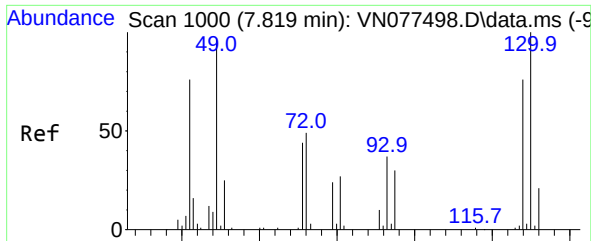
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	9.701	88	16730	98.879	ug/l #	89
46) Methyl methacrylate	9.683	41	30755	4.864	ug/l	99
47) n-amyl Acetate	12.495	43	50285	4.430	ug/l	96
48) t-1,3-Dichloropropene	10.842	75	56493	4.468	ug/l	97
49) cis-1,3-Dichloropropene	10.319	75	61253	4.480	ug/l	91
50) 1,1,2-Trichloroethane	11.019	97	41945	4.714	ug/l	96
51) Ethyl methacrylate	10.872	69	56467	4.575	ug/l	97
52) 1,3-Dichloropropane	11.166	76	68620	4.765	ug/l	96
53) Dibromochloromethane	11.366	129	40649	4.412	ug/l	98
54) 1,2-Dibromoethane	11.471	107	44804	4.967	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	86008	21.426	ug/l	97
56) Bromoform	12.583	173	25305	4.394	ug/l #	93
58) 4-Methyl-2-Pentanone	10.448	43	203583	25.199	ug/l	97
59) 2-Hexanone	11.195	43	147456	24.663	ug/l	100
61) Tetrachloroethene	11.107	164	31994	4.818	ug/l #	90
62) Toluene	10.636	91	183243	4.811	ug/l	97
64) Chlorobenzene	11.895	112	113242	4.899	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	39229	4.733	ug/l	99
66) Ethyl Benzene	11.966	91	199120	4.787	ug/l	97
67) m/p-Xylenes	12.071	106	150781	9.286	ug/l	95
68) o-Xylene	12.401	106	75970	4.750	ug/l	97
69) Styrene	12.413	104	113610	4.512	ug/l	98
70) Isopropylbenzene	12.701	105	186204	4.529	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	60926	4.902	ug/l	100
72) 1,2,3-Trichloropropane	12.989	75	69736	6.666	ug/l	64
73) Bromobenzene	12.983	156	42474	4.881	ug/l	98
74) n-propylbenzene	13.036	91	206296	4.513	ug/l	98
75) 2-Chlorotoluene	13.130	91	130188	4.627	ug/l	97
76) 1,3,5-Trimethylbenzene	13.177	105	128974	4.081	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	14719	4.151	ug/l	81
78) 4-Chlorotoluene	13.224	91	118417	4.475	ug/l	98
79) tert-butylbenzene	13.442	119	131033	4.505	ug/l	97
80) 1,2,4-Trimethylbenzene	13.489	105	108519	3.699	ug/l	94
81) sec-Butylbenzene	13.618	105	176420	4.289	ug/l	98
82) p-Isopropyltoluene	13.736	119	135521	4.206	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	68726	4.396	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	68808	4.451	ug/l	99
85) n-Butylbenzene	14.060	91	94173	3.698	ug/l	100
86) Hexachloroethane	14.336	117	28872	4.456	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	72091	4.607	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	11088	4.756	ug/l	94
89) 1,2,4-Trichlorobenzene	15.395	180	14489	3.169	ug/l	93
90) Hexachlorobutadiene	15.501	225	16172	4.860	ug/l	99
91) Naphthalene	15.642	128	48832	2.857	ug/l #	88
92) 1,2,3-Trichlorobenzene	15.836	180	13951	3.178	ug/l	71

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

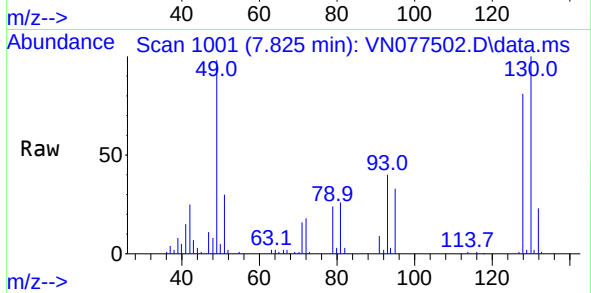
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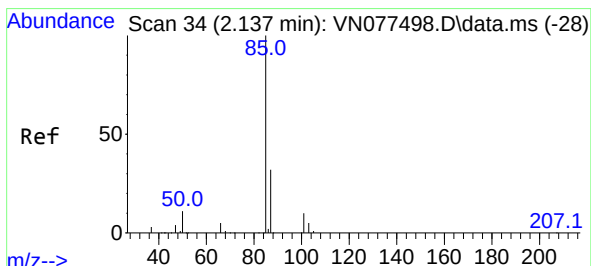
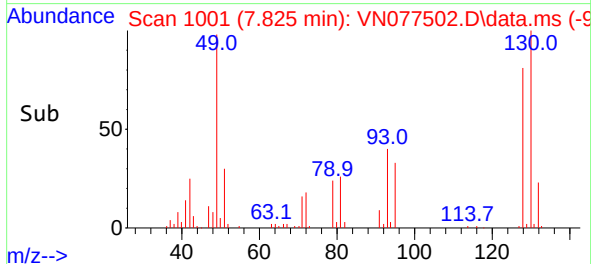
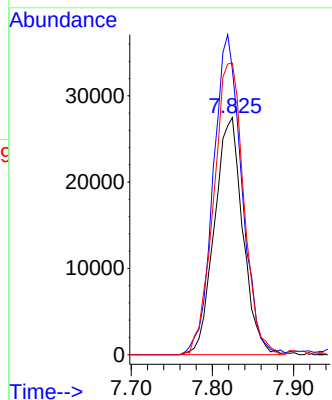


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077502.D
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VSTDICC005

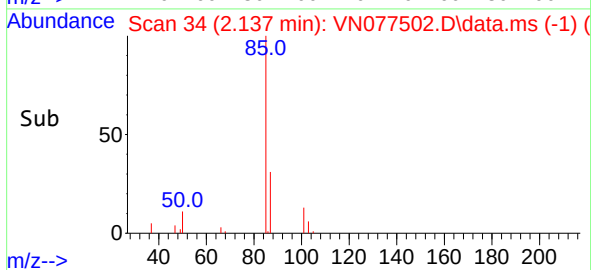
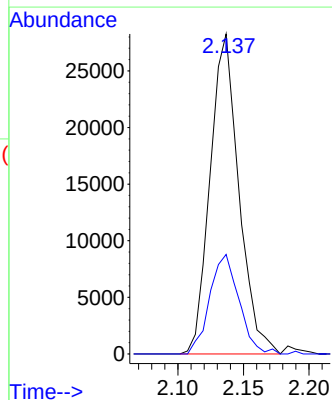
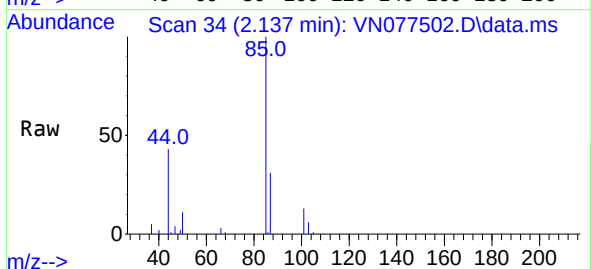


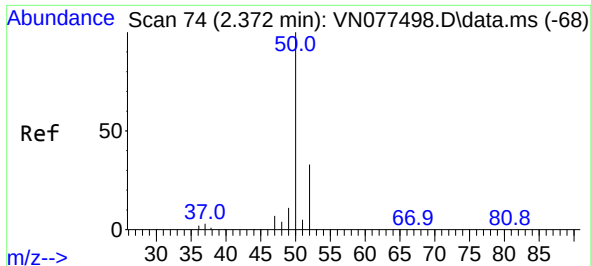
Tgt Ion:128 Resp: 66719
Ion Ratio Lower Upper
128 100
49 134.9 0.0 338.5
130 130.6 0.0 326.3



#2
Dichlorodifluoromethane
Concen: 4.884 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 85 Resp: 43170
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.3

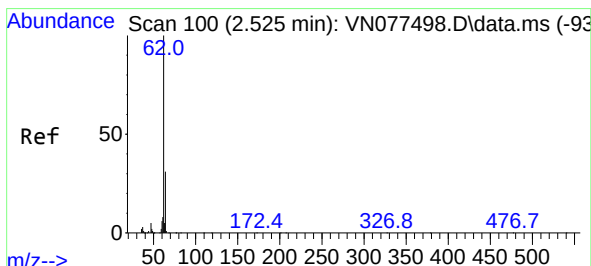
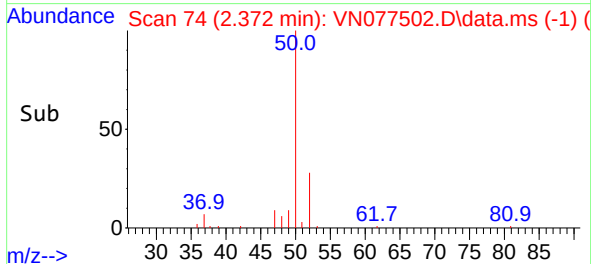
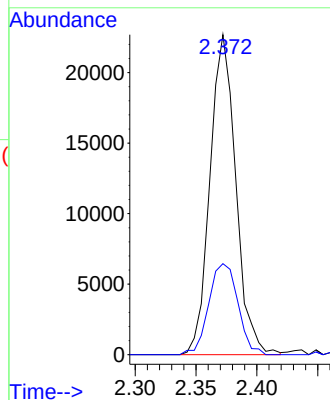
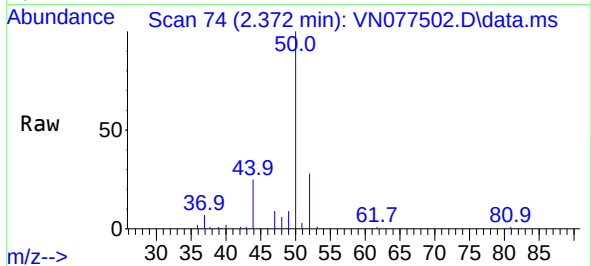




#3
Chloromethane
Concen: 5.228 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

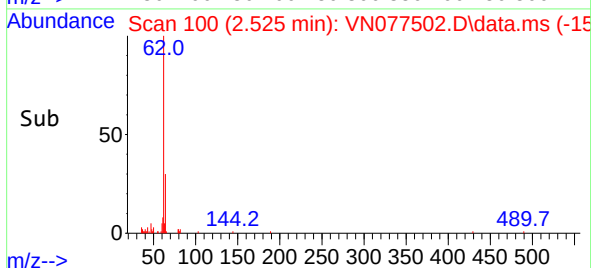
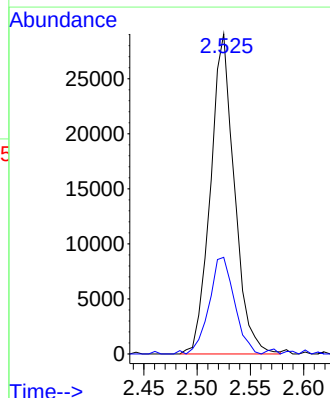
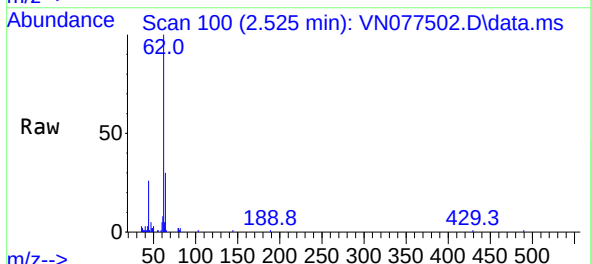
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

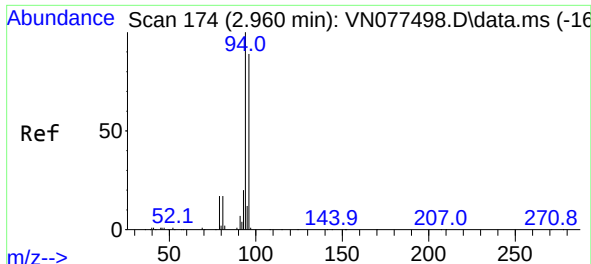
Tgt Ion: 50 Resp: 33455
Ion Ratio Lower Upper
50 100
52 28.5 26.6 39.8



#4
Vinyl Chloride
Concen: 5.074 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 62 Resp: 45437
Ion Ratio Lower Upper
62 100
64 30.2 27.1 40.7

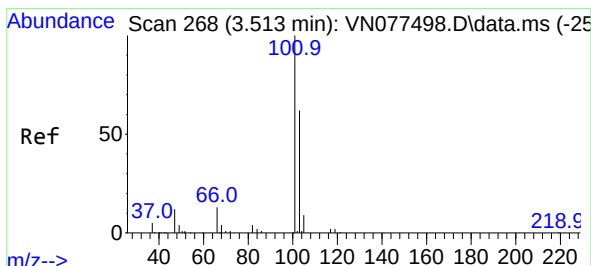
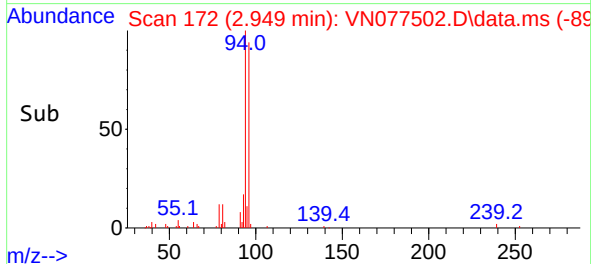
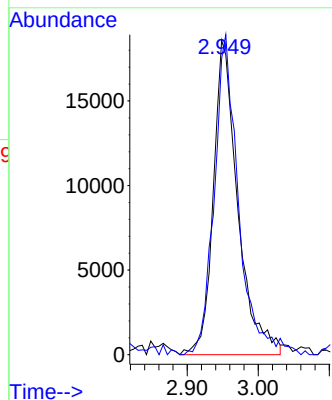
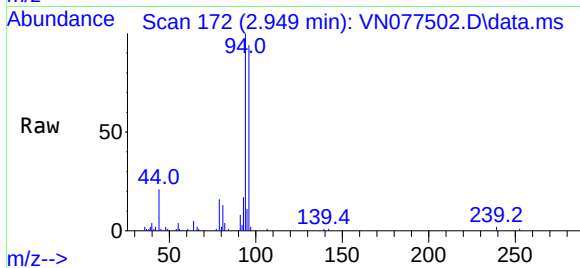




#5
Bromomethane
Concen: 5.885 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

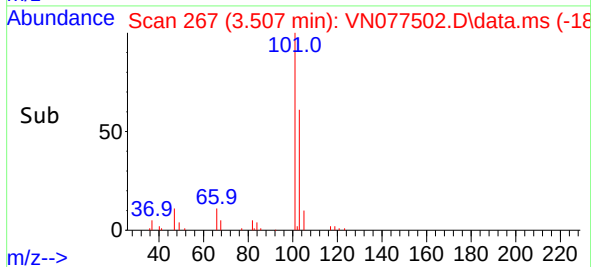
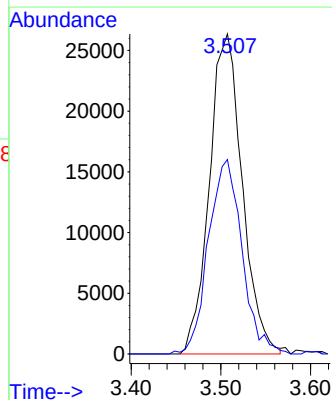
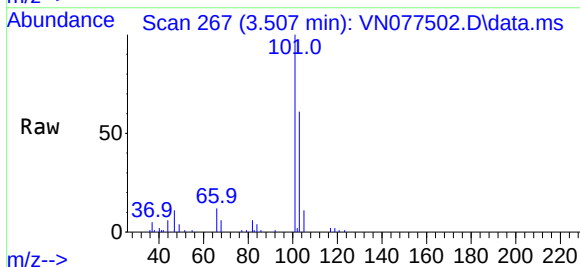
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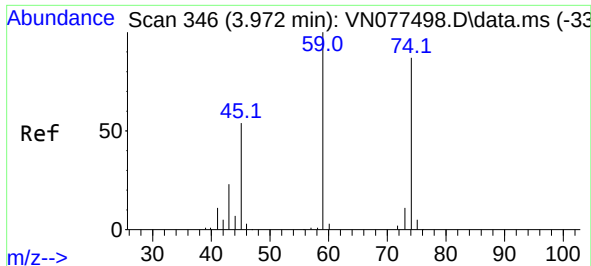
Tgt Ion: 94 Resp: 44443
Ion Ratio Lower Upper
94 100
96 94.2 72.6 108.8



#7
Trichlorofluoromethane
Concen: 5.092 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 101 Resp: 67126
Ion Ratio Lower Upper
101 100
103 60.2 51.8 77.8

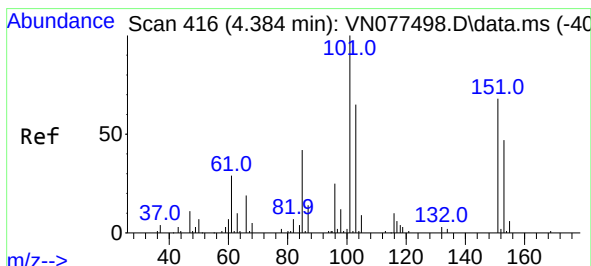
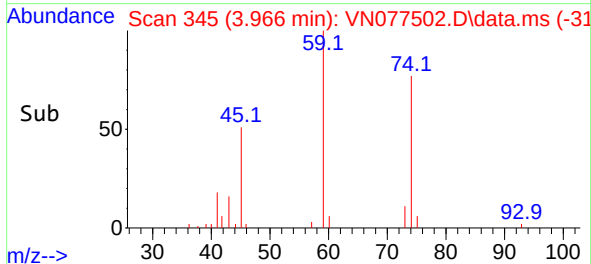
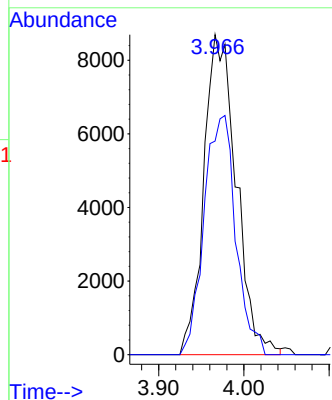
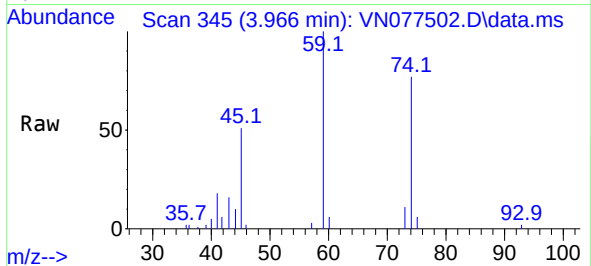




#8
Diethyl Ether
Concen: 4.974 ug/l
RT: 3.966 min Scan# 346
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

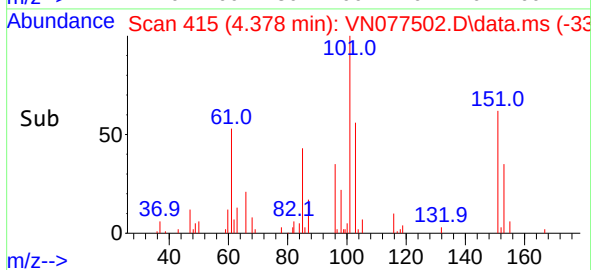
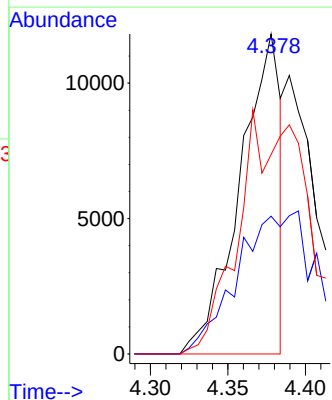
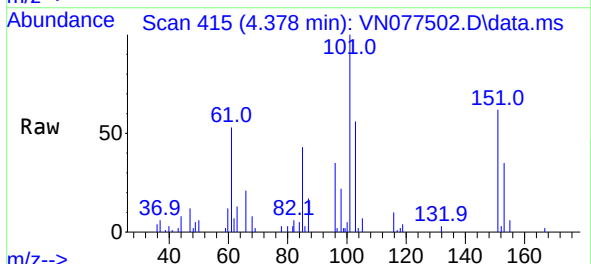
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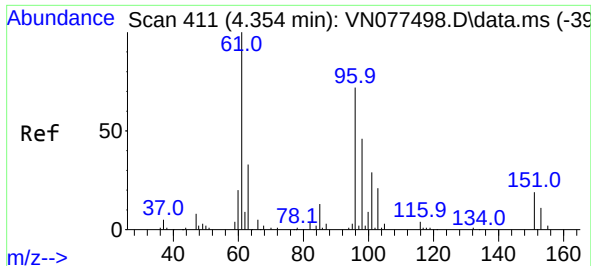
Tgt Ion: 74 Resp: 22951
Ion Ratio Lower Upper
74 100
45 73.1 13.6 122.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.890 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:101 Resp: 21714
Ion Ratio Lower Upper
101 100
85 49.4 0.0 90.4
151 50.8 0.0 140.8

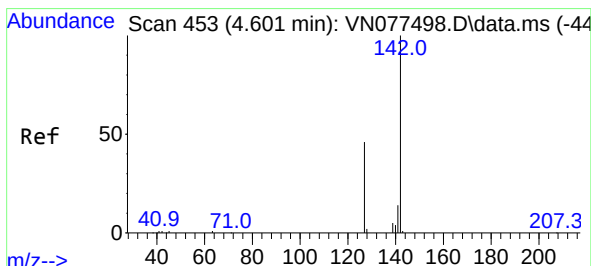
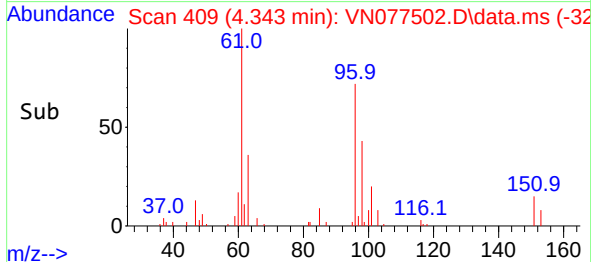
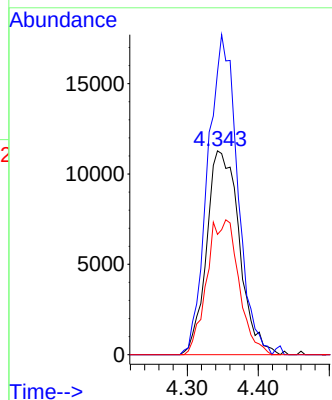
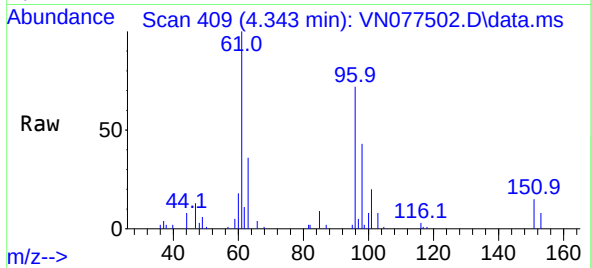




#10
1,1-Dichloroethene
Concen: 5.029 ug/l
RT: 4.343 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

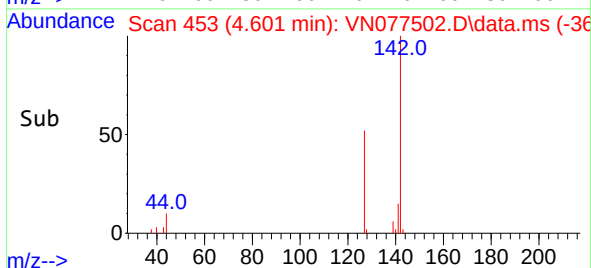
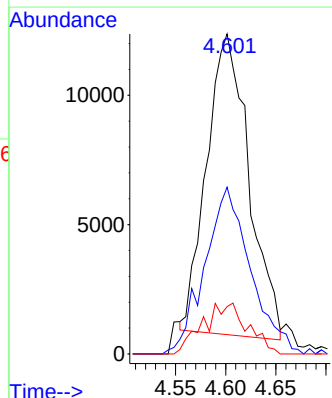
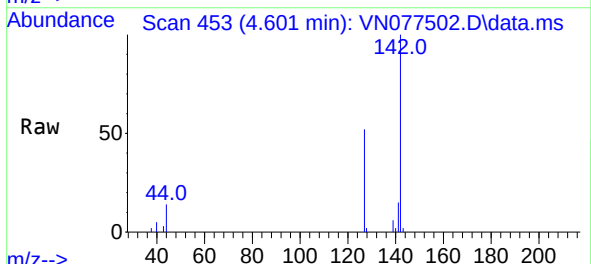
Instrument :
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ClientSampleId :
VSTDIC005

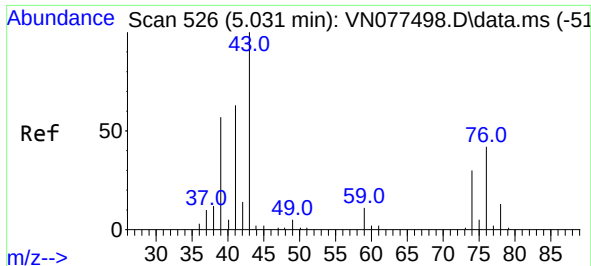
Tgt Ion: 96 Resp: 35997
Ion Ratio Lower Upper
96 100
61 138.5 108.8 163.2
98 61.3 43.5 65.3



#11
Methyl Iodide
Concen: 3.848 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 142 Resp: 34027
Ion Ratio Lower Upper
142 100
127 50.8 23.1 69.3
141 15.5 6.0 18.0

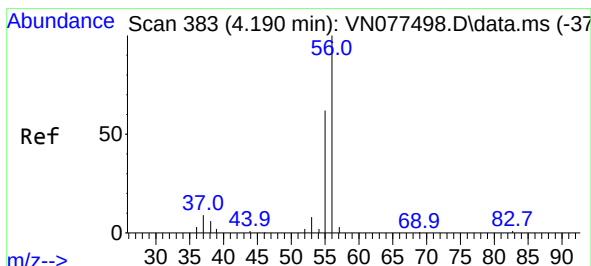
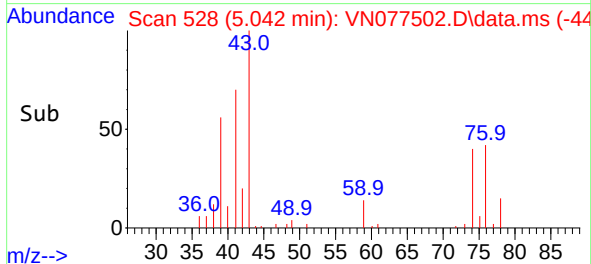
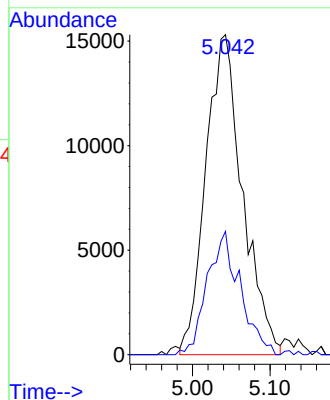
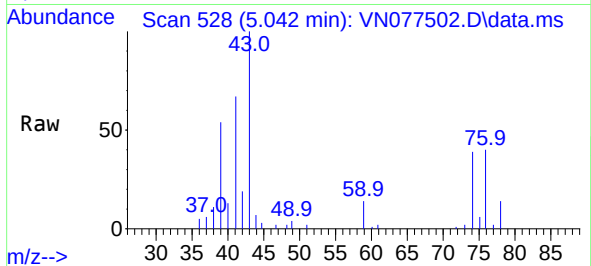




#12
Methyl Acetate
Concen: 4.904 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

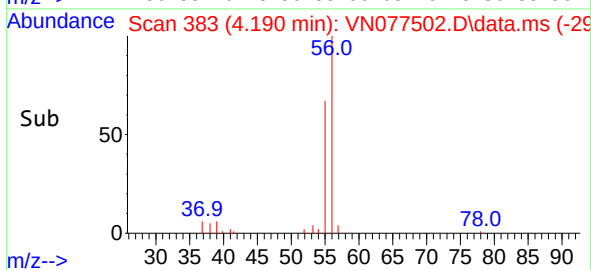
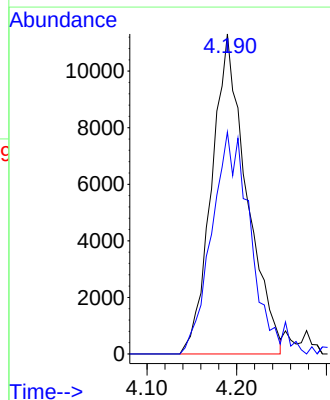
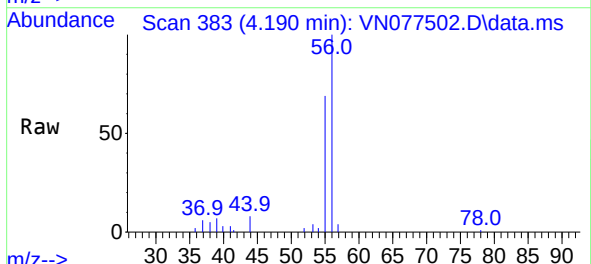
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

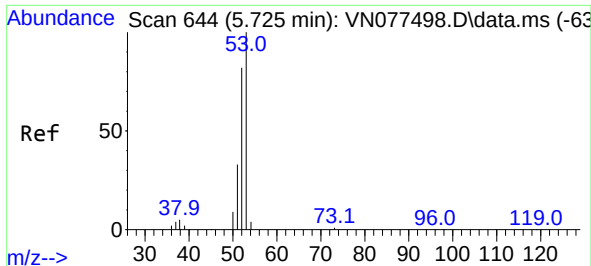
Tgt Ion: 43 Resp: 50533
Ion Ratio Lower Upper
43 100
74 38.7 25.8 38.8



#13
Acrolein
Concen: 24.715 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 56 Resp: 30644
Ion Ratio Lower Upper
56 100
55 75.5 55.8 83.6

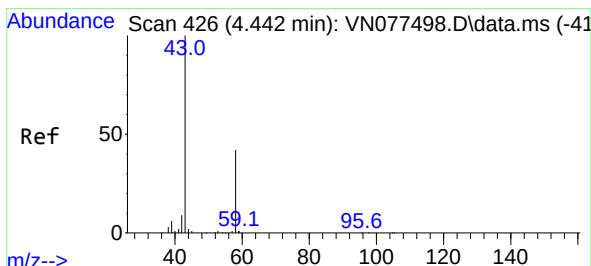
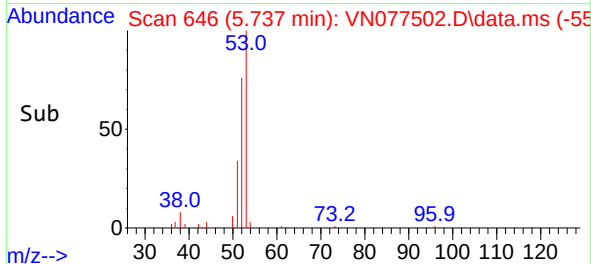
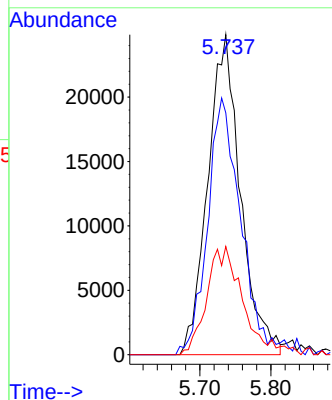
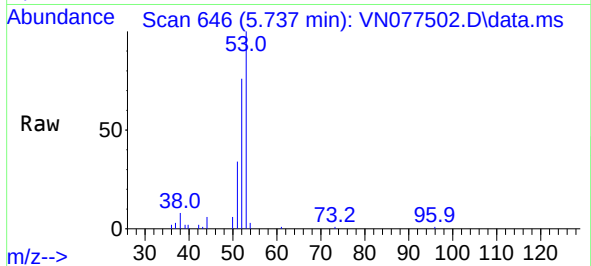




#14
Acrylonitrile
Concen: 24.915 ug/l
RT: 5.737 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

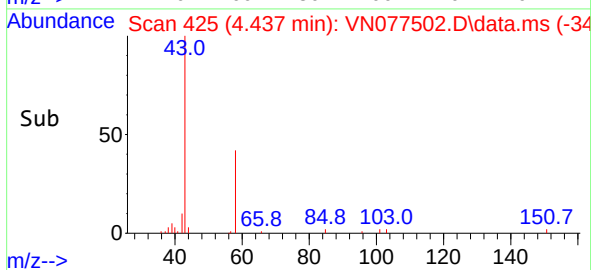
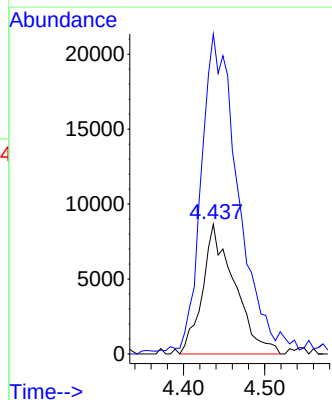
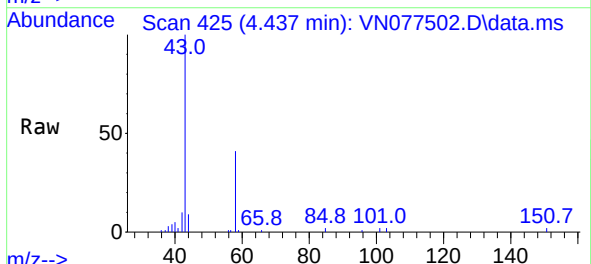
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

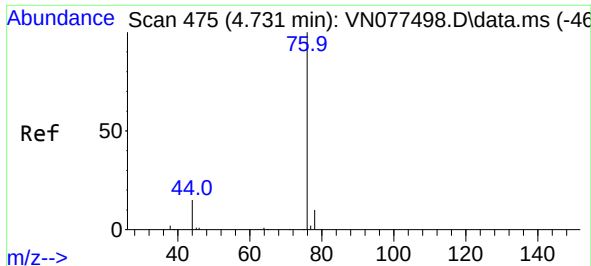
Tgt Ion: 53 Resp: 79346
Ion Ratio Lower Upper
53 100
52 79.6 41.9 125.6
51 17.0 18.0 54.0#



#15
Acetone
Concen: 23.621 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 58 Resp: 23786
Ion Ratio Lower Upper
58 100
43 242.2 197.2 295.8

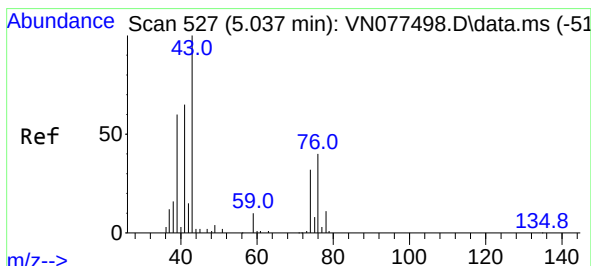
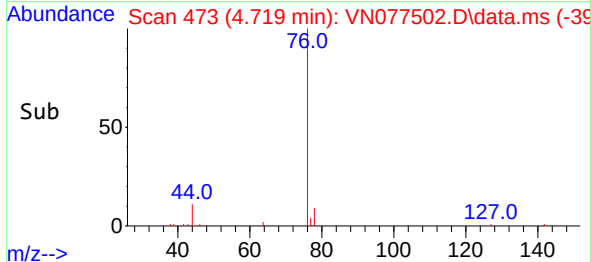
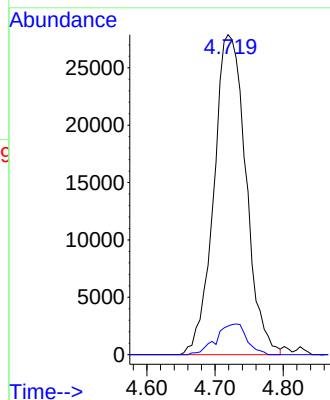
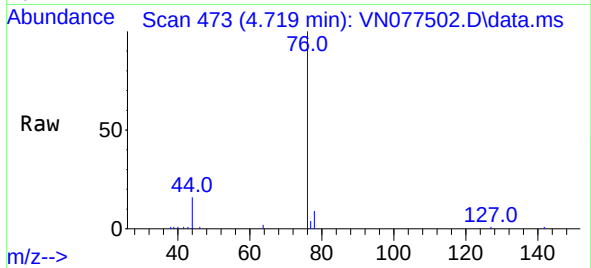




#16
Carbon Disulfide
Concen: 5.014 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

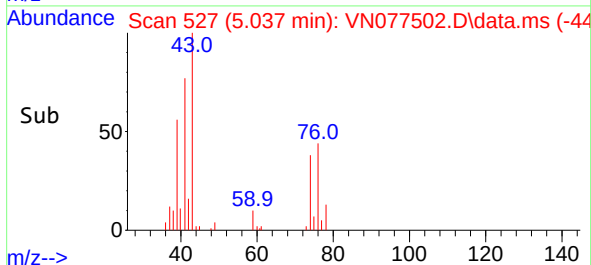
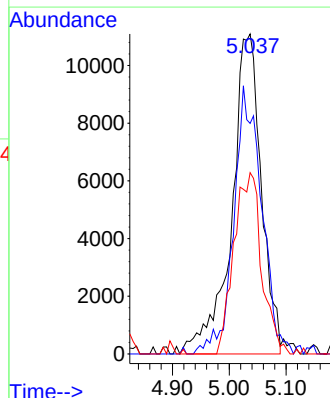
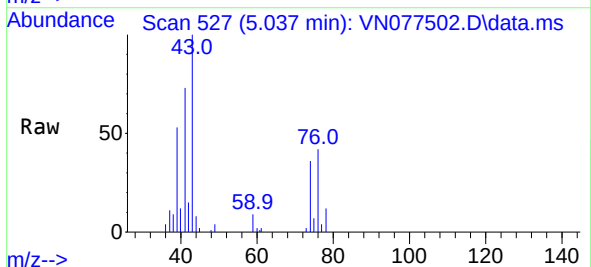
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

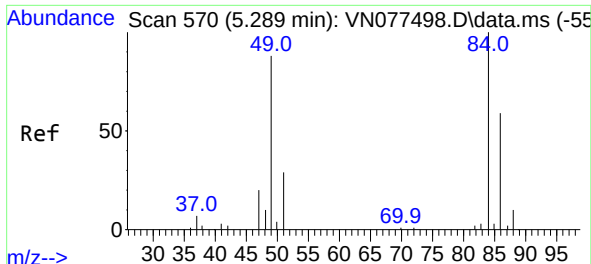
Tgt Ion: 76 Resp: 91219
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8



#17
Allyl chloride
Concen: 5.191 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 41 Resp: 40253
Ion Ratio Lower Upper
41 100
39 72.1 38.6 116.0
76 56.6 26.1 78.3

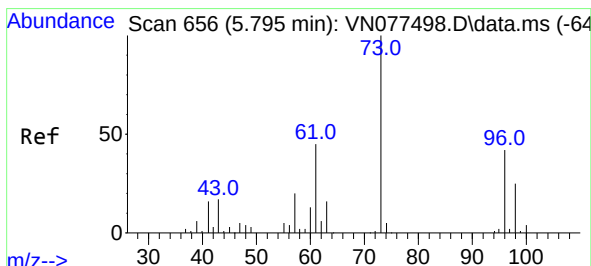
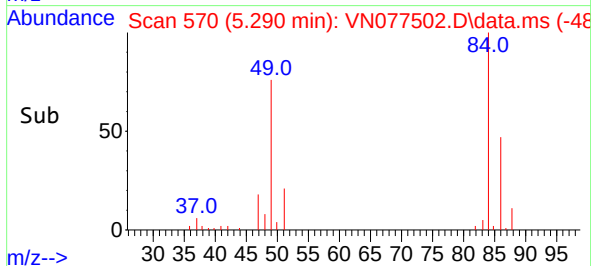
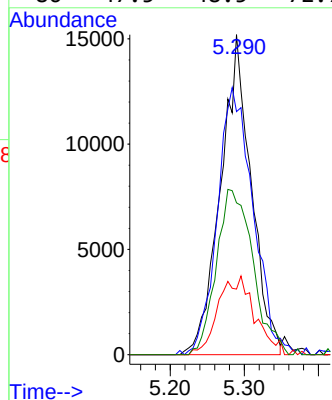
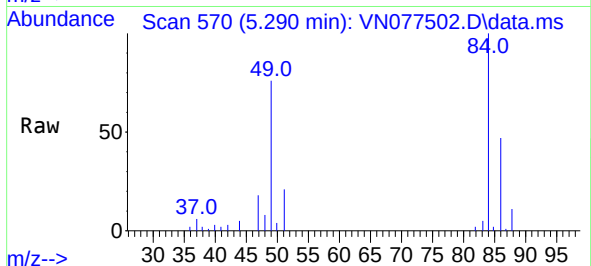




#18
Methylene Chloride
Concen: 5.195 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

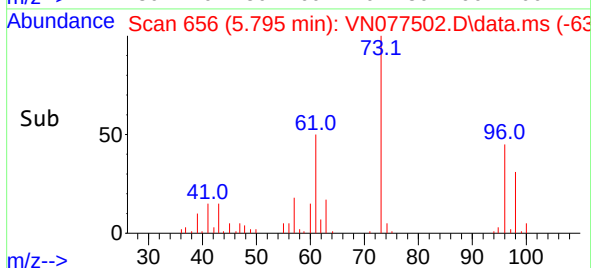
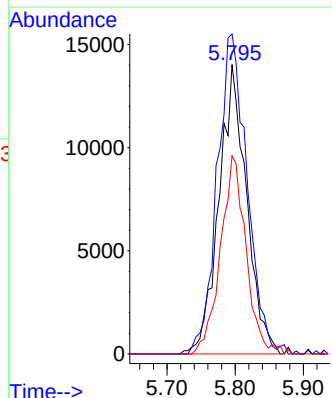
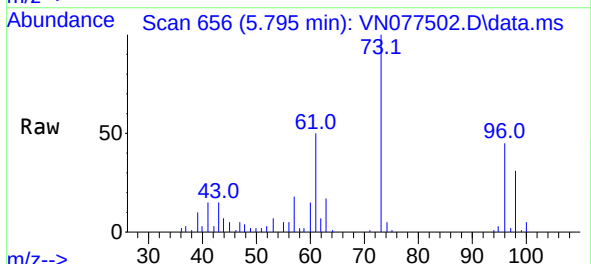
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

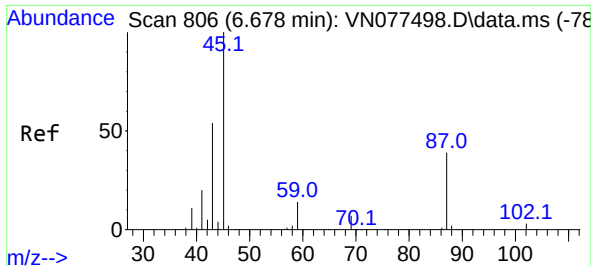
Tgt Ion:	84	Resp:	43604
Ion	Ratio	Lower	Upper
84	100		
49	74.7	74.6	112.0
51	20.5	25.0	37.6#
86	47.5	48.5	72.7#



#19
trans-1,2-Dichloroethene
Concen: 5.003 ug/l
RT: 5.795 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:	96	Resp:	39573
Ion	Ratio	Lower	Upper
96	100		
61	110.6	89.7	134.5
98	68.4	47.0	70.4



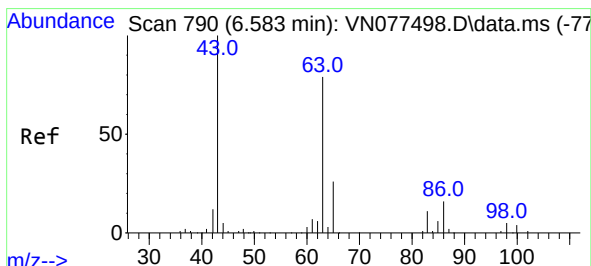
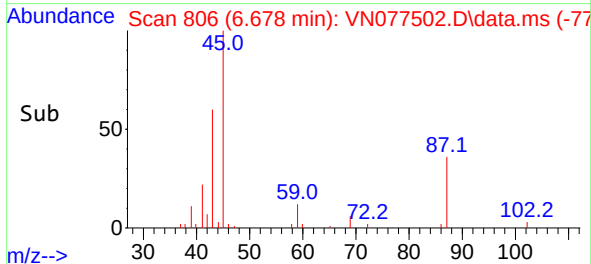
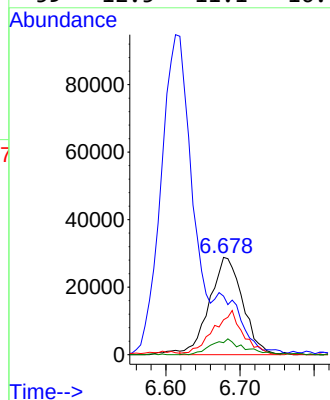
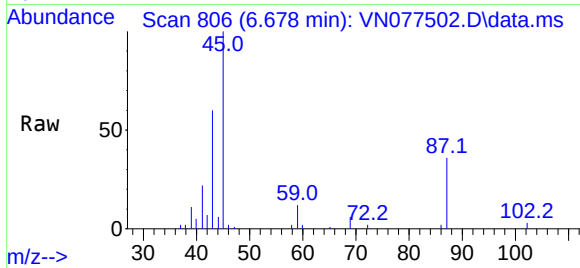


#20
Diisopropyl ether
Concen: 4.883 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 45 Resp: 88937

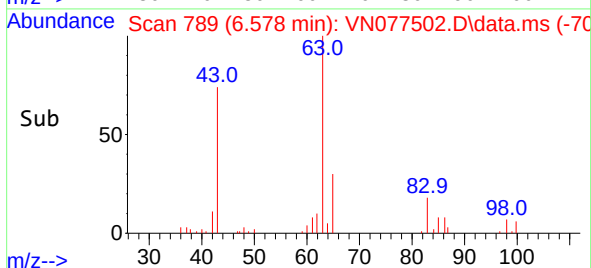
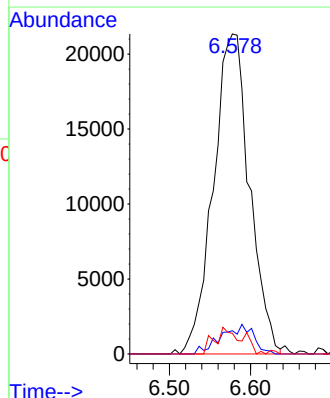
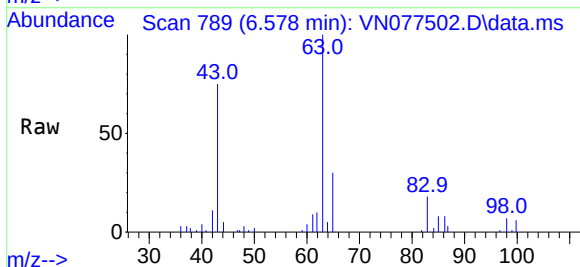
Ion	Ratio	Lower	Upper
45	100		
43	56.7	46.6	69.8
87	36.3	34.6	52.0
59	12.5	11.1	16.7

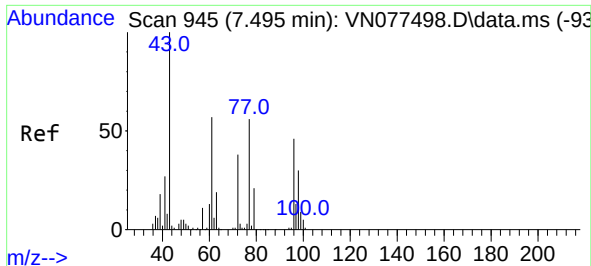


#21
1,1-Dichloroethane
Concen: 4.923 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 63 Resp: 65966

Ion	Ratio	Lower	Upper
63	100		
98	7.3	4.0	12.0
100	6.4	3.4	10.1

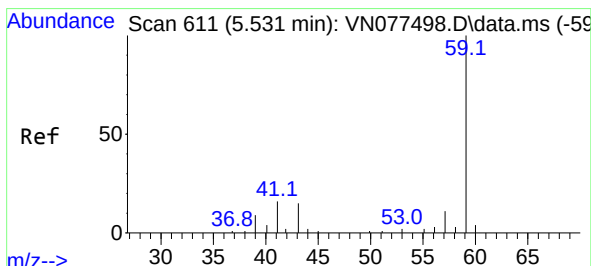
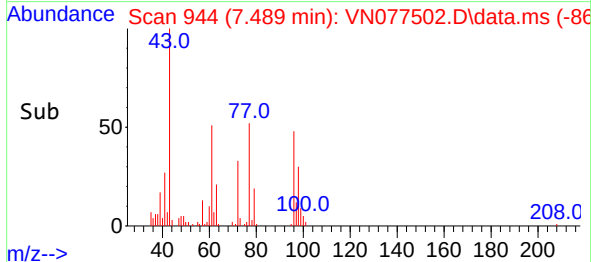
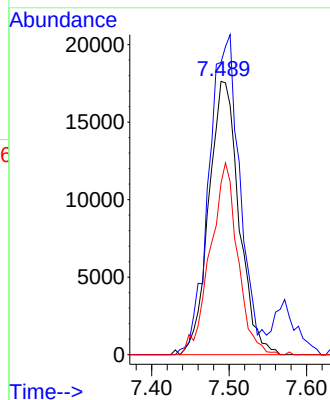
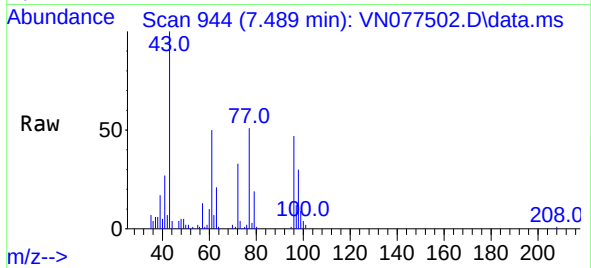




#22
cis-1,2-Dichloroethene
Concen: 5.047 ug/l
RT: 7.489 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

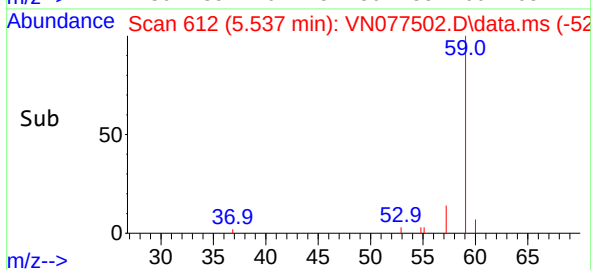
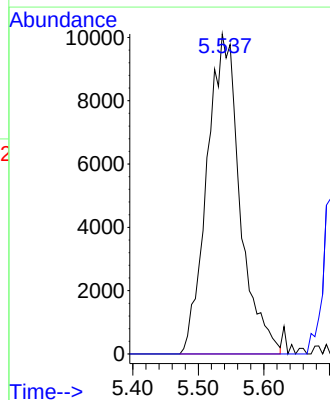
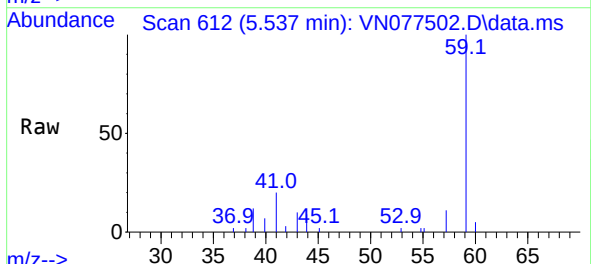
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

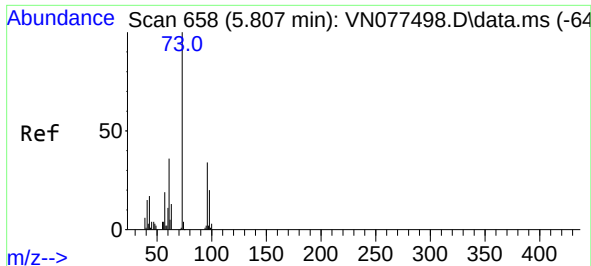
Tgt Ion: 96 Resp: 47701
Ion Ratio Lower Upper
96 100
61 118.5 100.2 150.2
98 63.7 51.6 77.4



#23
tert-Butyl Alcohol
Concen: 25.460 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 59 Resp: 35312
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

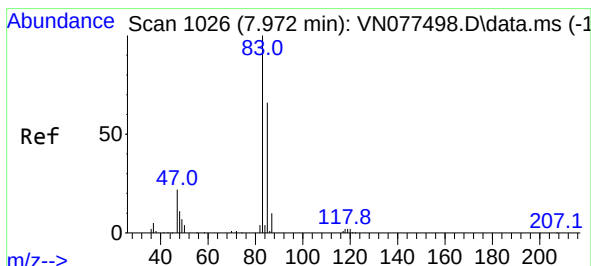
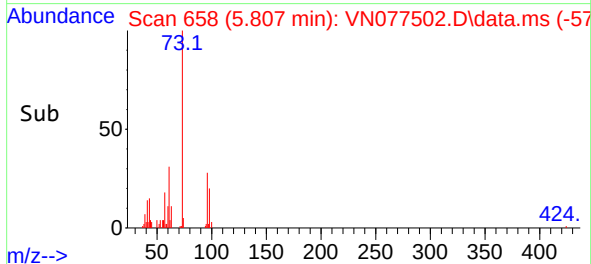
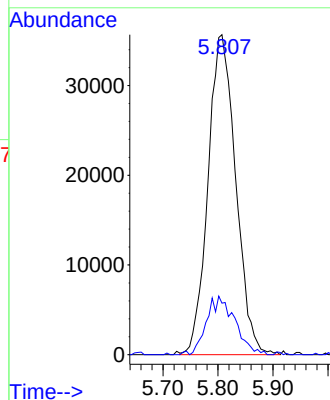
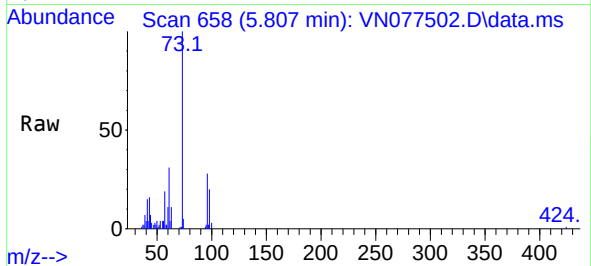




#24
Methyl tert-Butyl Ether
Concen: 5.039 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

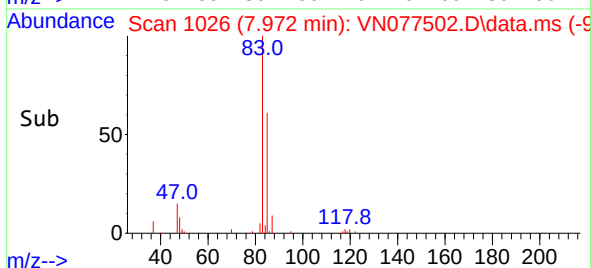
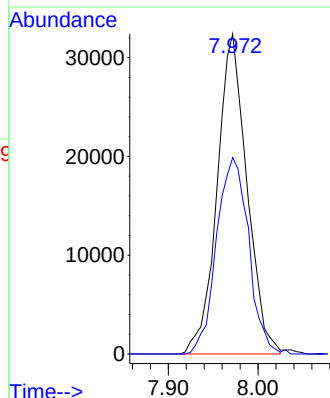
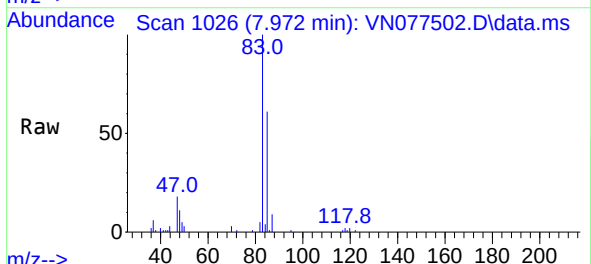
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

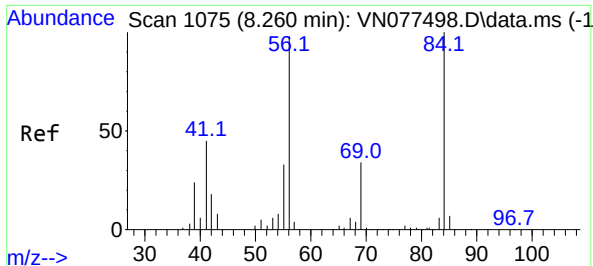
Tgt Ion: 73 Resp: 125049
Ion Ratio Lower Upper
73 100
43 13.1 13.5 20.3#



#25
Chloroform
Concen: 4.857 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 83 Resp: 74751
Ion Ratio Lower Upper
83 100
85 61.4 53.0 79.4





#26

Cyclohexane

Concen: 4.943 ug/l

RT: 8.260 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

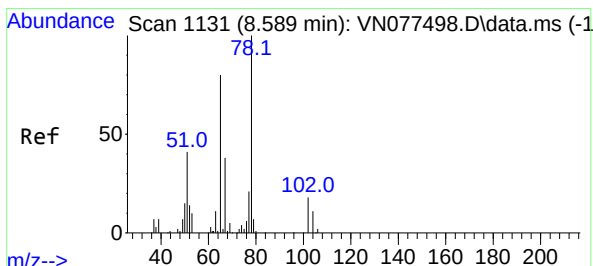
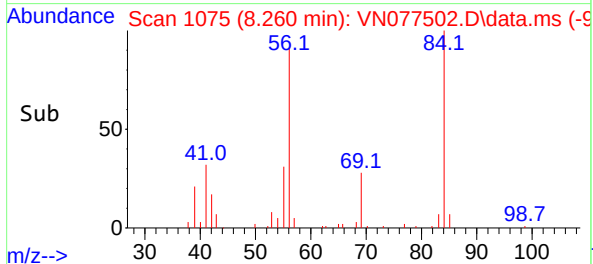
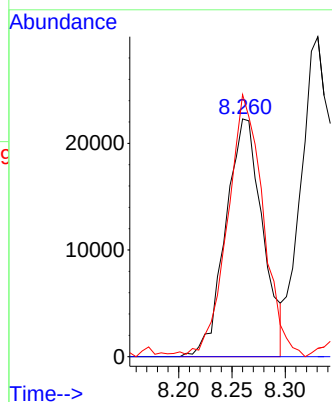
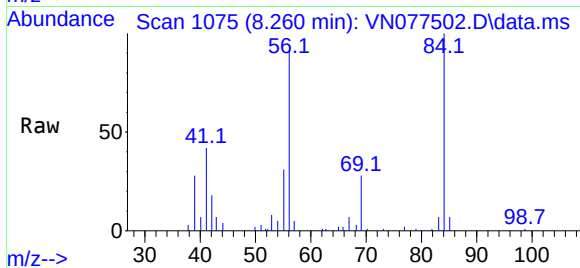
Tgt Ion: 56 Resp: 53745

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 106.3 85.4 128.2



#27

1,2-Dichloroethane-d4

Concen: 30.848 ug/l

RT: 8.578 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VN077502.D

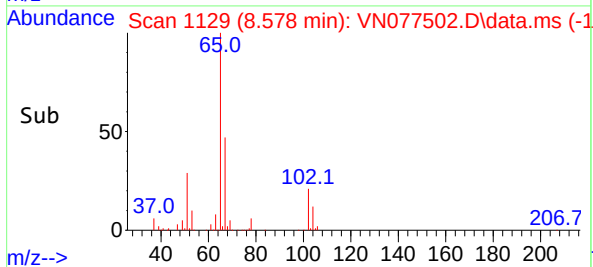
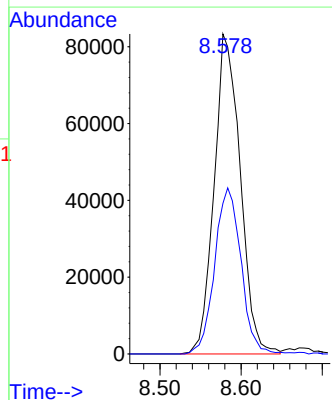
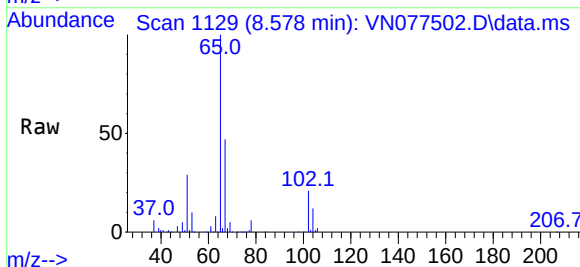
Acq: 28 Apr 2023 14:49

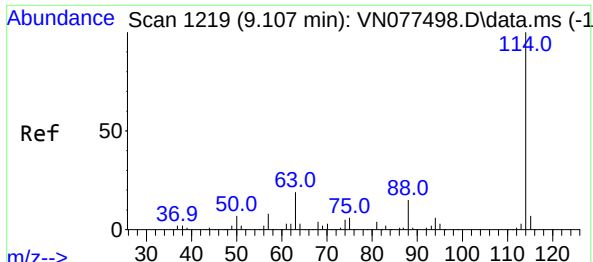
Tgt Ion: 65 Resp: 186252

Ion Ratio Lower Upper

65 100

67 52.2 40.2 60.2

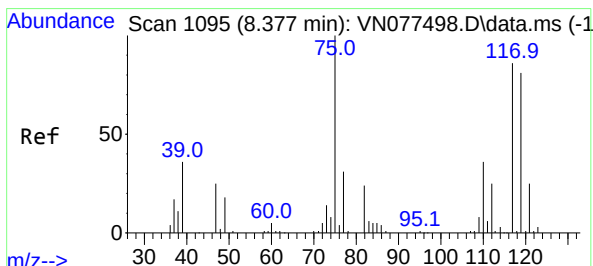
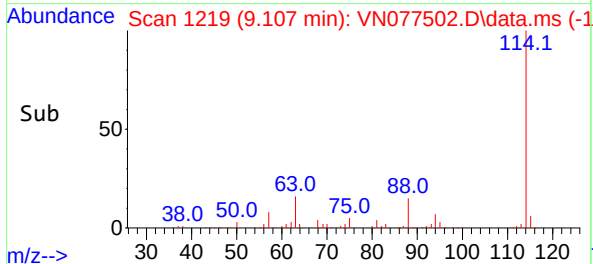
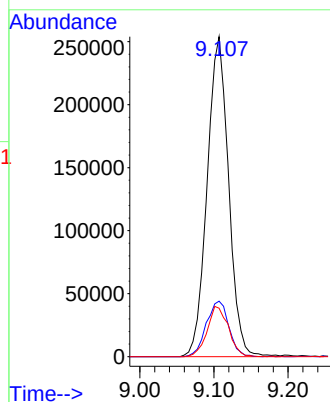
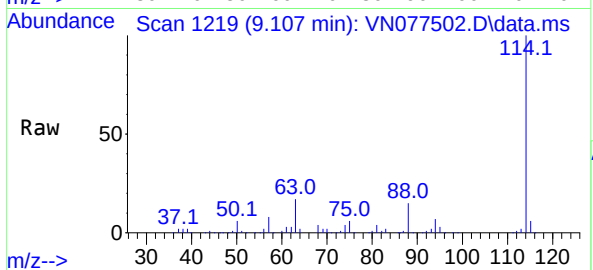




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

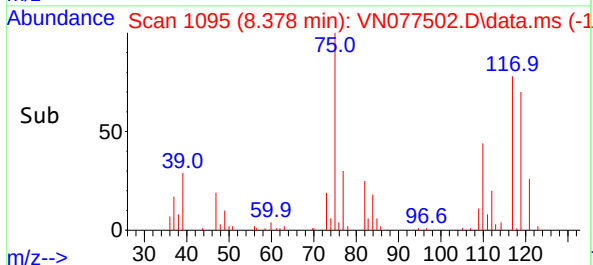
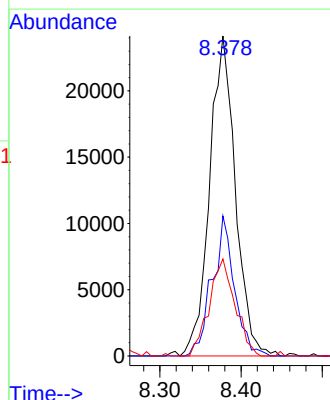
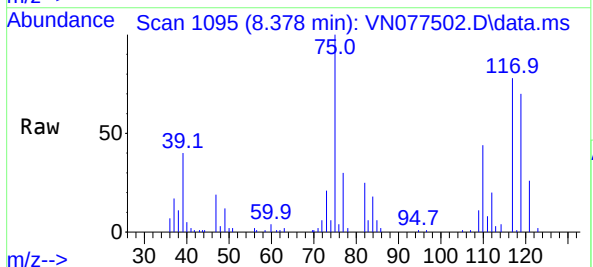
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

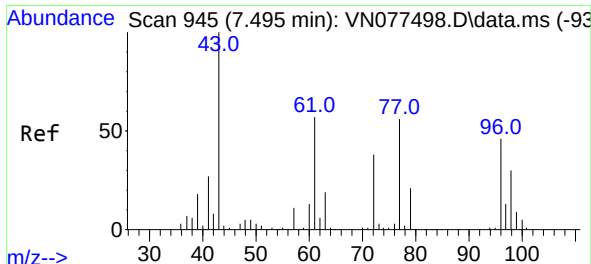
Tgt Ion:114 Resp: 510847
Ion Ratio Lower Upper
114 100
63 18.2 14.1 21.1
88 15.6 12.3 18.5



#29
1,1-Dichloropropene
Concen: 4.809 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 75 Resp: 53359
Ion Ratio Lower Upper
75 100
110 24.3 0.0 74.0
77 30.4 0.0 62.8

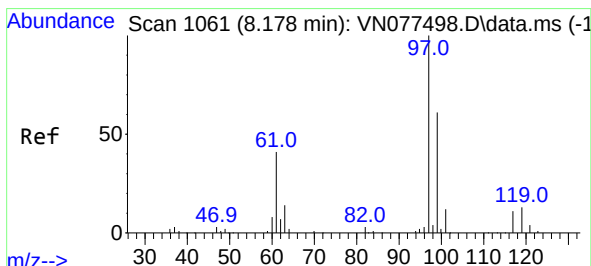
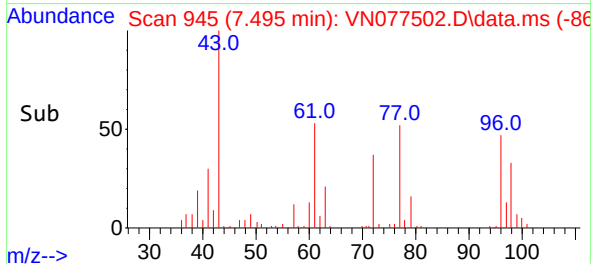
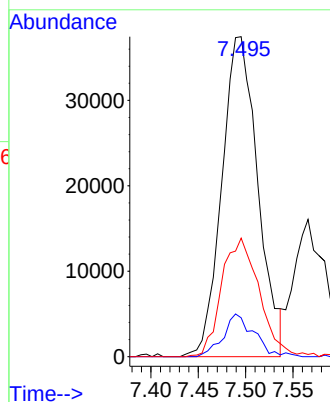
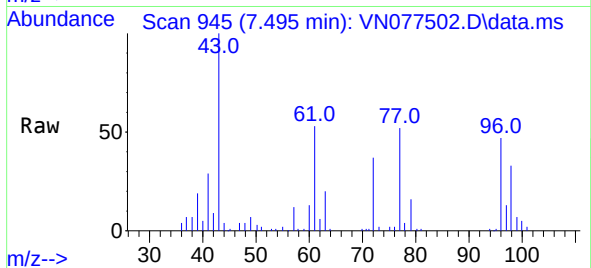




#30
2-Butanone
Concen: 24.776 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

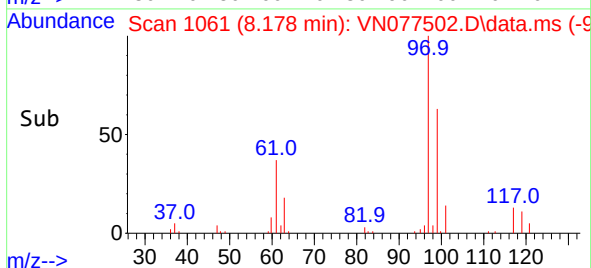
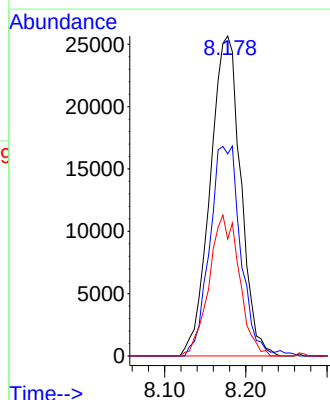
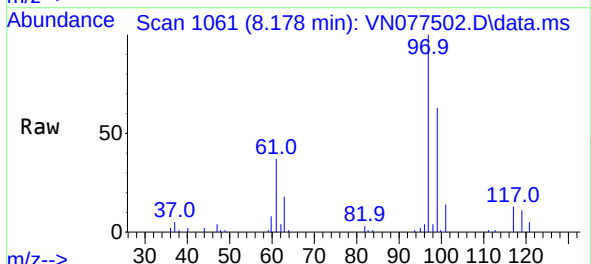
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

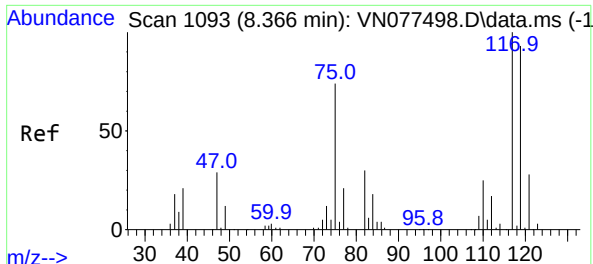
Tgt Ion: 43 Resp: 99166
Ion Ratio Lower Upper
43 100
57 8.2 8.0 12.0
72 37.5 30.4 45.6



#32
1,1,1-Trichloroethane
Concen: 4.672 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 97 Resp: 67120
Ion Ratio Lower Upper
97 100
99 41.7 50.1 75.1#
61 43.4 31.1 46.7

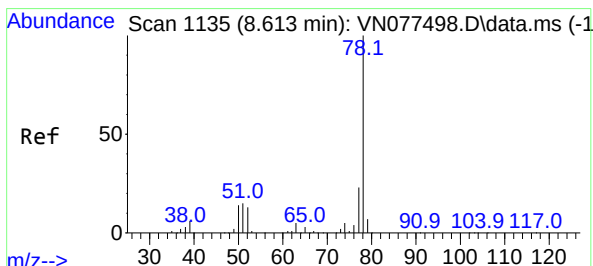
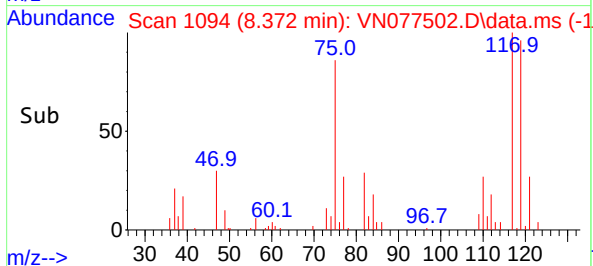
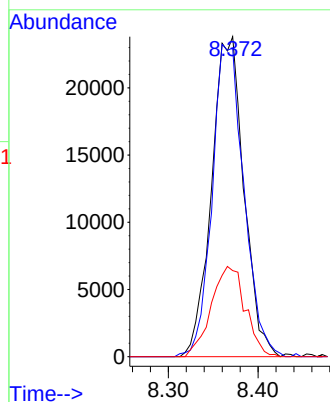
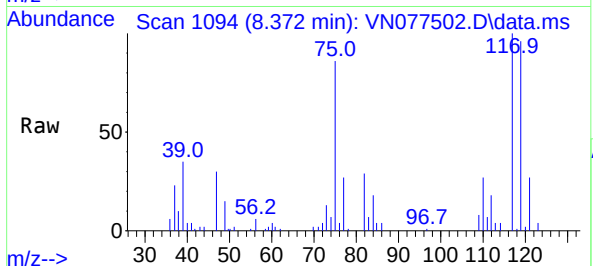




#33
Carbon Tetrachloride
Concen: 4.797 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

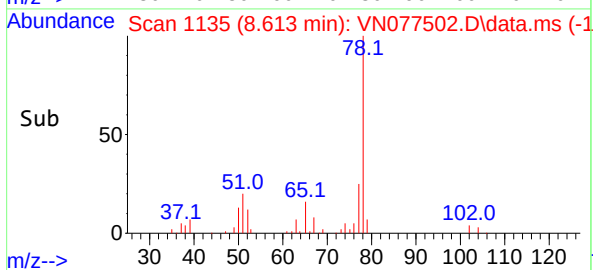
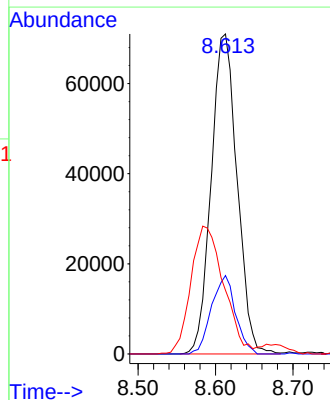
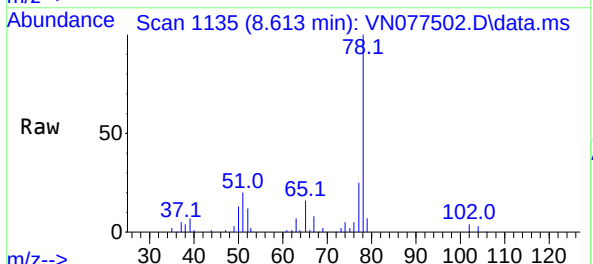
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

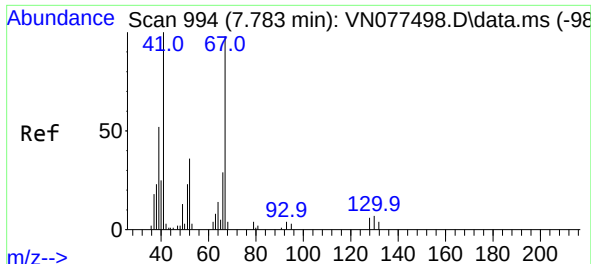
Tgt Ion:117 Resp: 59423
Ion Ratio Lower Upper
117 100
119 95.5 72.6 109.0
121 26.9 24.3 36.5



#34
Benzene
Concen: 4.870 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 78 Resp: 165143
Ion Ratio Lower Upper
78 100
77 24.5 17.1 25.7
51 17.1 11.3 16.9#



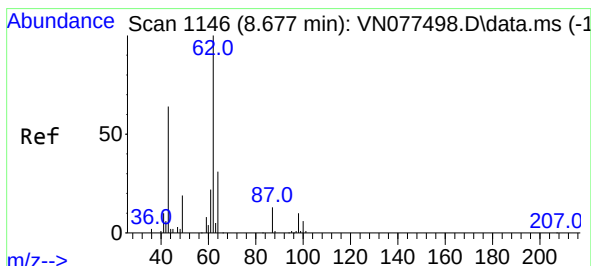
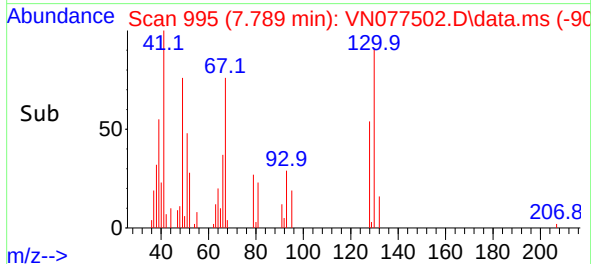
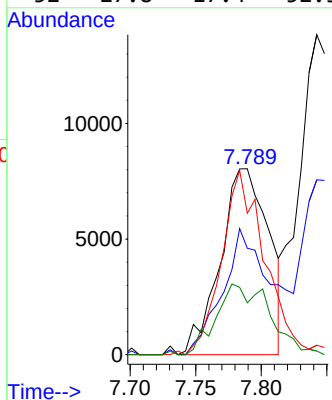
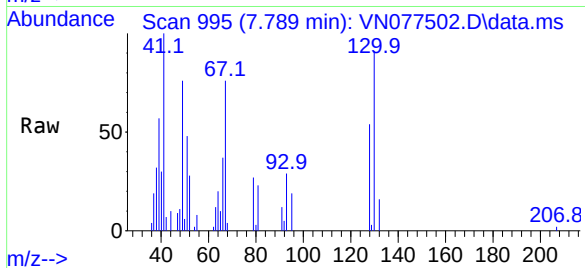


#35
Methacrylonitrile
Concen: 4.946 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 20594

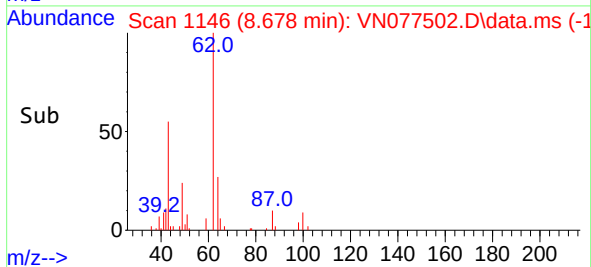
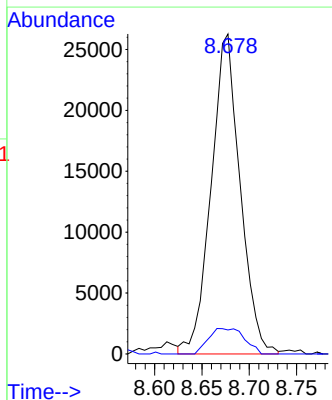
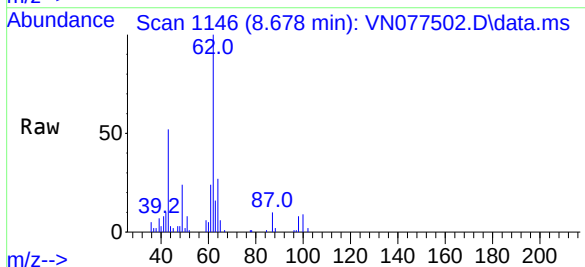
Ion	Ratio	Lower	Upper
41	100		
39	57.2	25.9	77.8
67	74.1	48.1	144.4
52	27.8	17.4	52.3

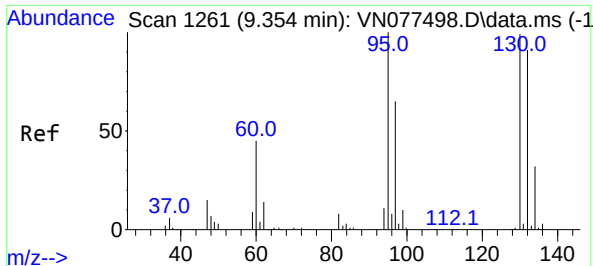


#36
1,2-Dichloroethane
Concen: 4.829 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 62 Resp: 55980

Ion	Ratio	Lower	Upper
62	100		
98	5.8	8.0	12.0





#37

Trichloroethene

Concen: 4.833 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

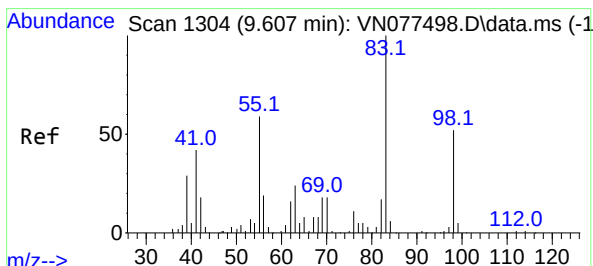
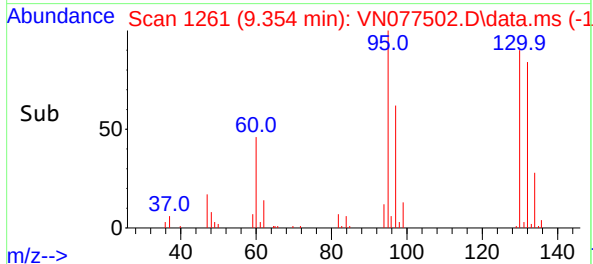
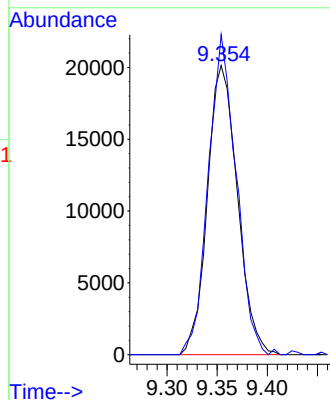
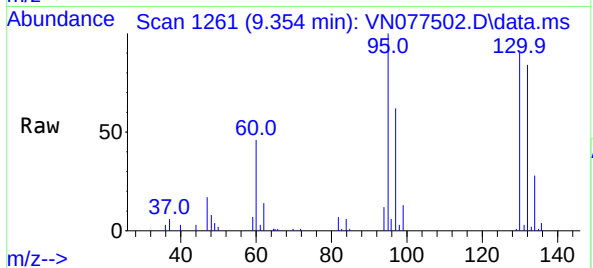
VSTDIC005

Tgt Ion:130 Resp: 42015

Ion Ratio Lower Upper

130 100

95 110.7 87.1 130.7



#38

Methylcyclohexane

Concen: 4.699 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

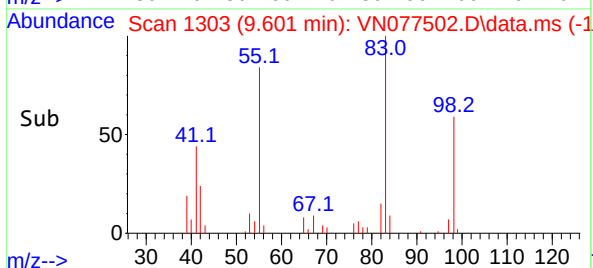
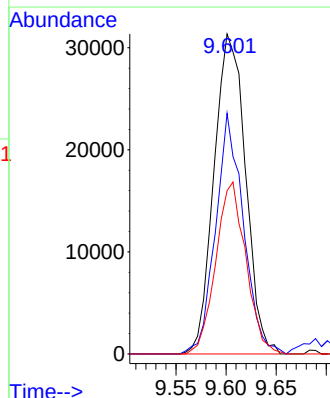
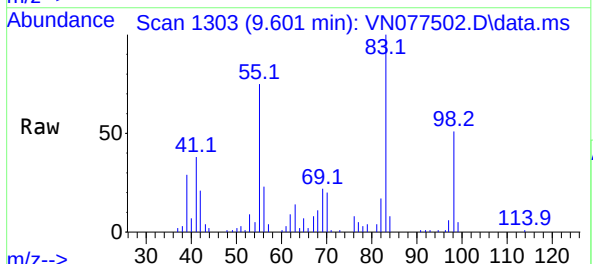
Tgt Ion: 83 Resp: 68624

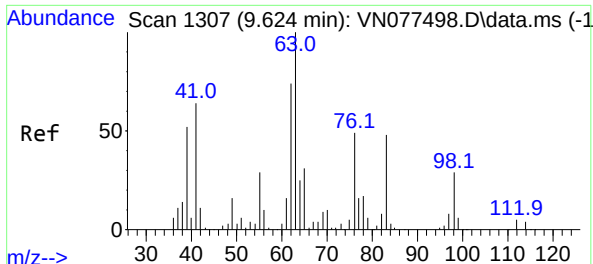
Ion Ratio Lower Upper

83 100

55 66.3 29.6 88.9

98 51.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 5.034 ug/l

RT: 9.625 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

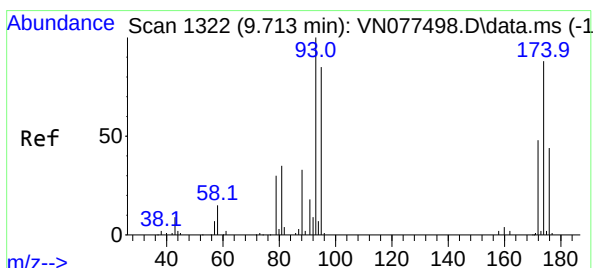
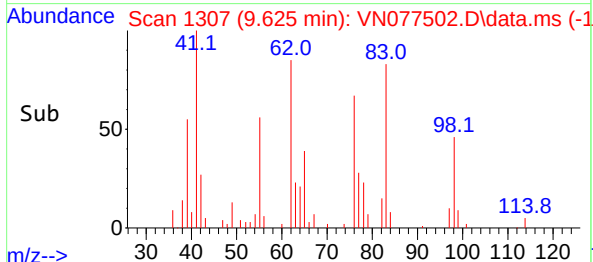
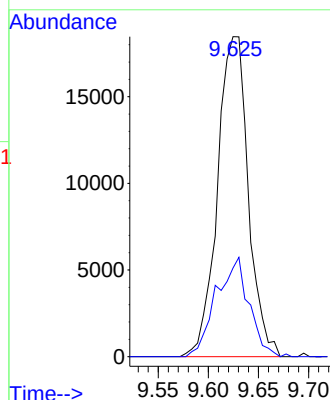
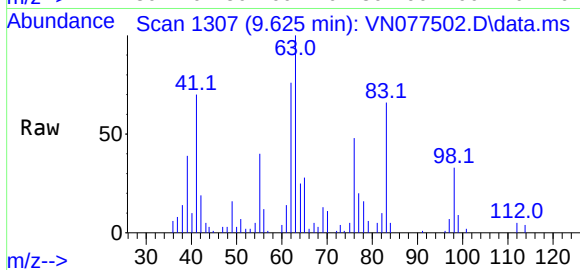
VSTDIC005

Tgt Ion: 63 Resp: 39426

Ion Ratio Lower Upper

63 100

65 27.7 24.1 36.1



#40

Dibromomethane

Concen: 4.961 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

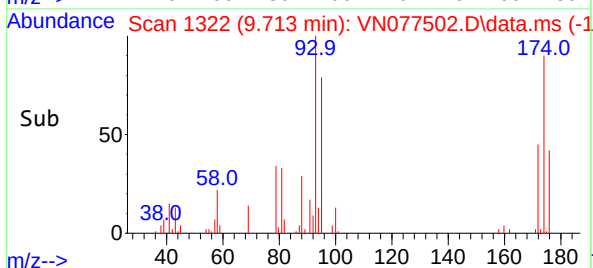
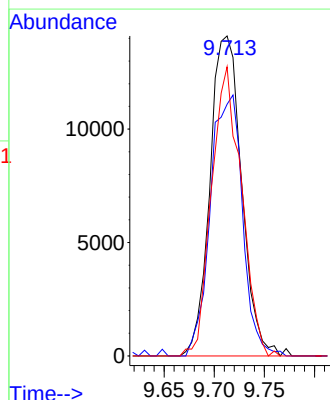
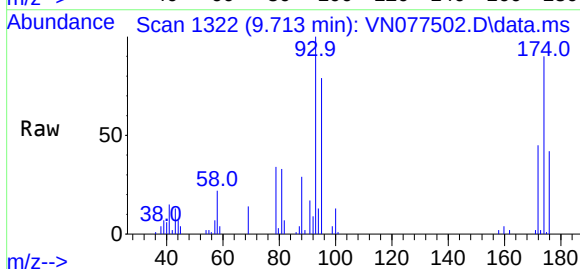
Tgt Ion: 93 Resp: 30883

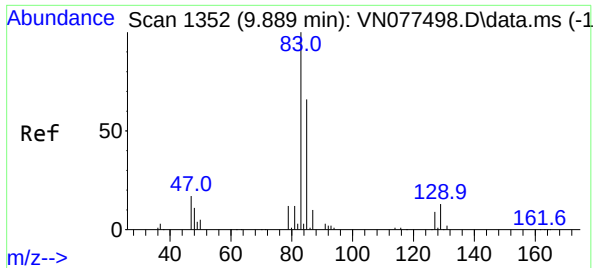
Ion Ratio Lower Upper

93 100

95 82.8 0.0 171.0

174 85.3 0.0 164.2

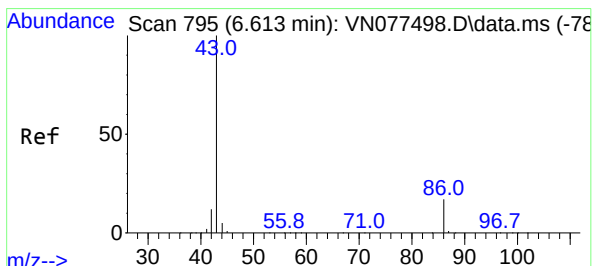
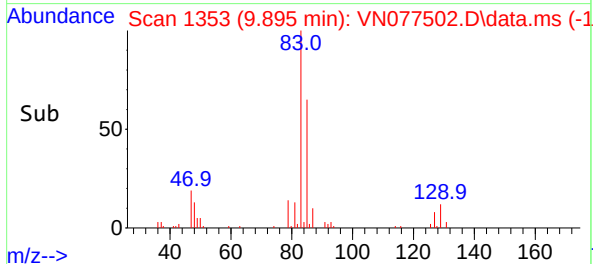
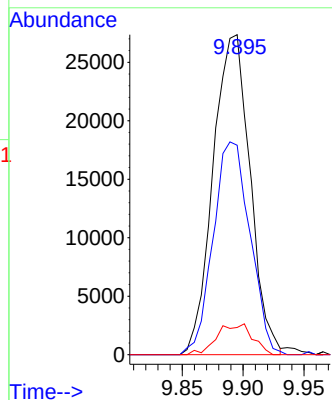
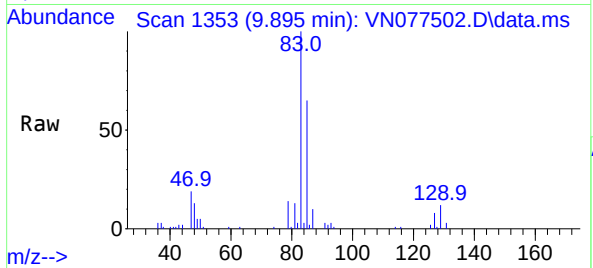




#41
Bromodichloromethane
Concen: 4.679 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

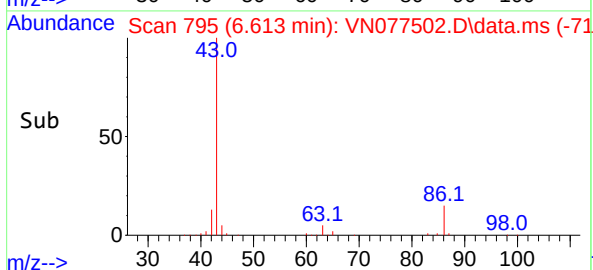
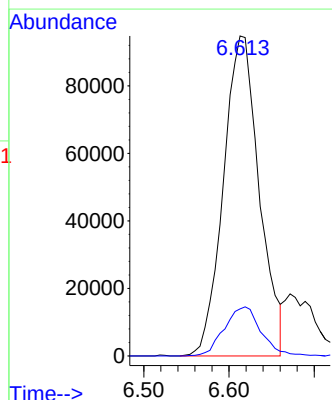
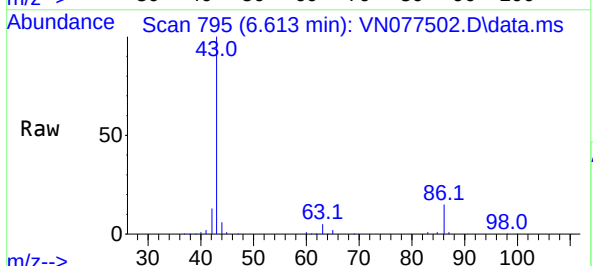
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

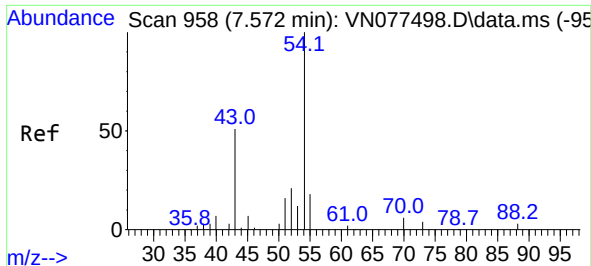
Tgt Ion: 83 Resp: 57798
Ion Ratio Lower Upper
83 100
85 65.4 49.2 73.8
127 9.2 6.1 9.1#



#42
Vinyl Acetate
Concen: 24.018 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 43 Resp: 277498
Ion Ratio Lower Upper
43 100
86 15.8 12.6 18.8

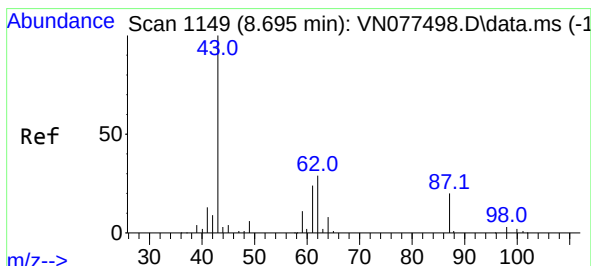
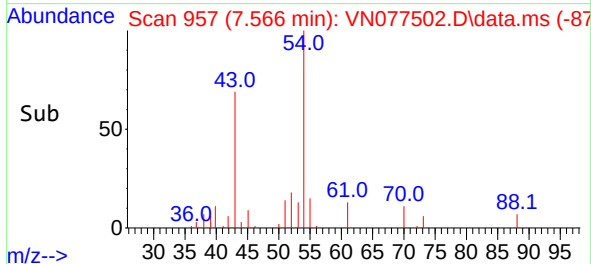
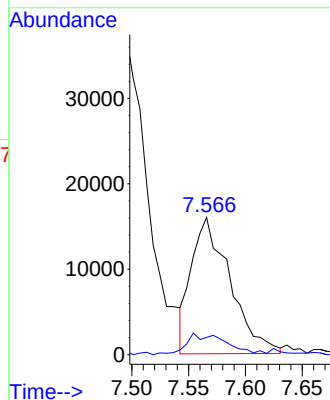
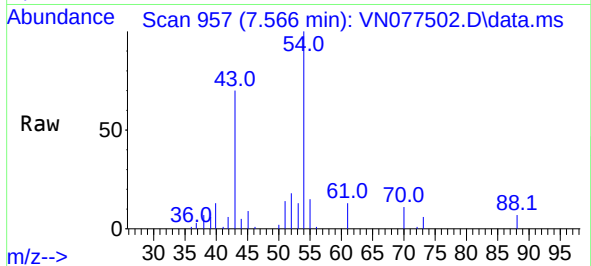




#43
Ethyl Acetate
Concen: 4.740 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

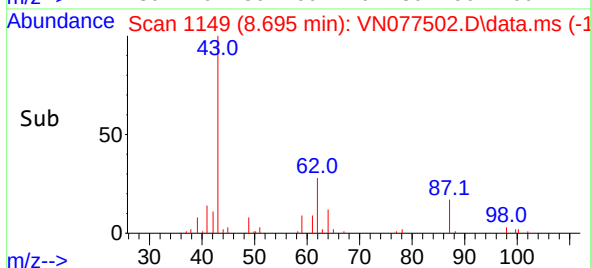
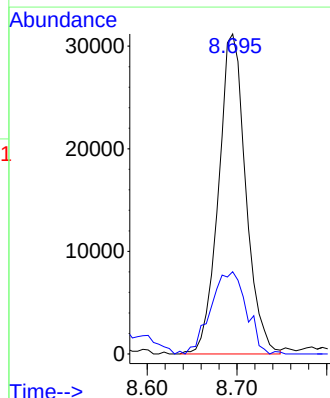
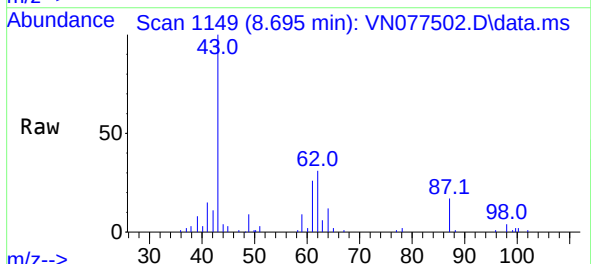
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

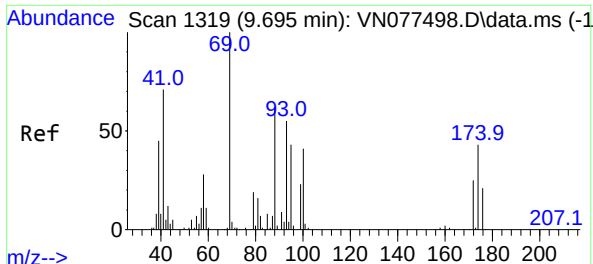
Tgt Ion: 43 Resp: 37767
Ion Ratio Lower Upper
43 100
45 10.0 4.8 7.2#



#44
Isopropyl Acetate
Concen: 4.706 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 43 Resp: 65710
Ion Ratio Lower Upper
43 100
61 33.4 27.2 40.8

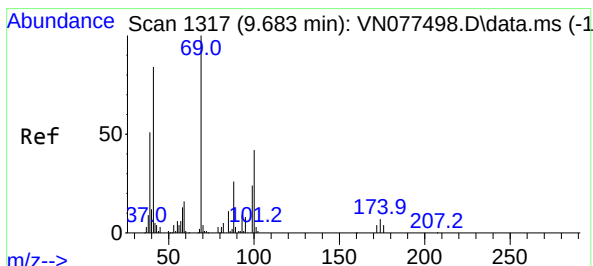
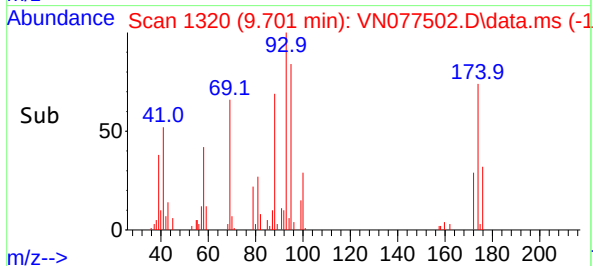
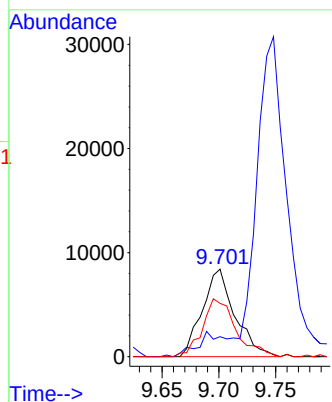
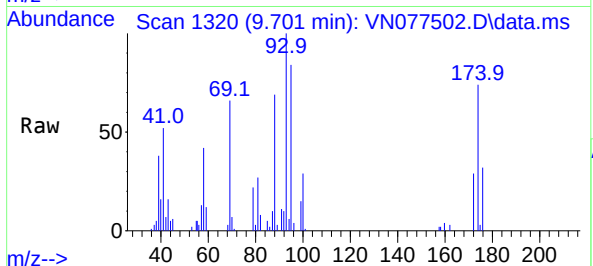




#45
1,4-Dioxane
Concen: 98.879 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

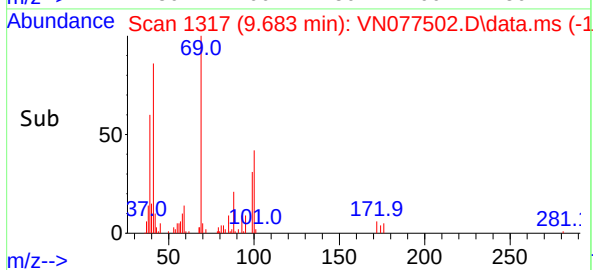
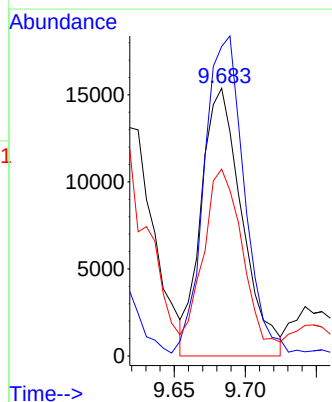
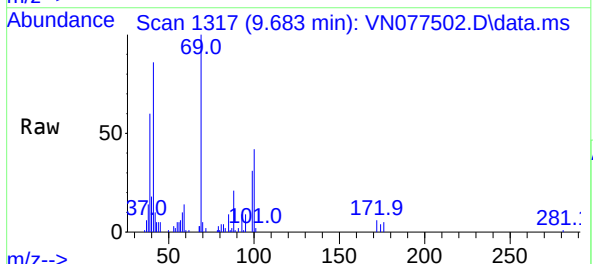
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

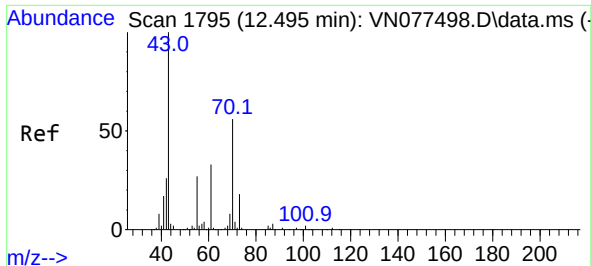
Tgt Ion: 88 Resp: 16730
Ion Ratio Lower Upper
88 100
43 10.5 16.6 24.8#
58 64.5 47.3 70.9



#46
Methyl methacrylate
Concen: 4.864 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 41 Resp: 30755
Ion Ratio Lower Upper
41 100
69 118.6 59.2 177.6
39 69.5 33.4 100.1

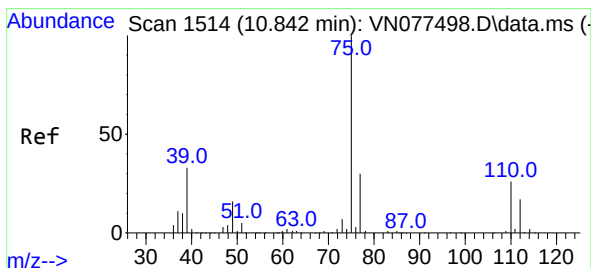
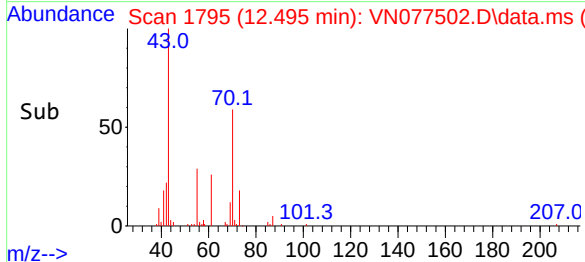
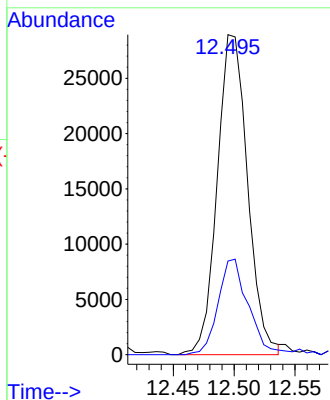
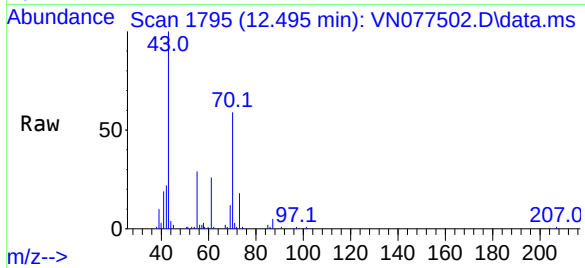




#47
n-amy1 Acetate
Concen: 4.430 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

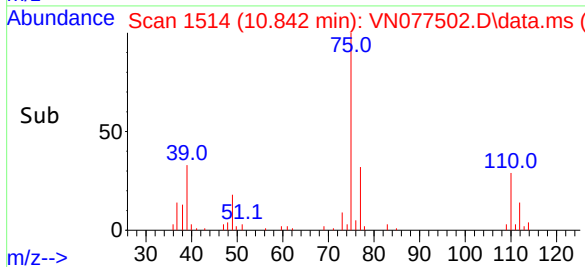
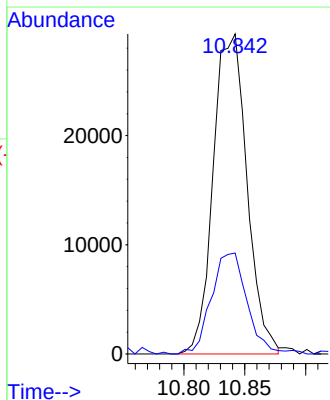
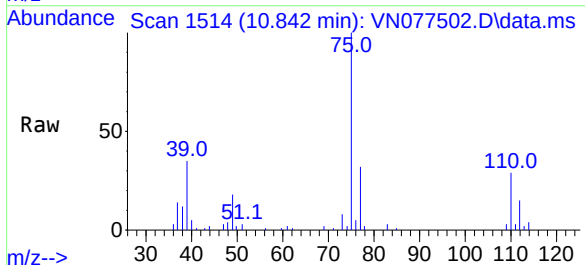
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

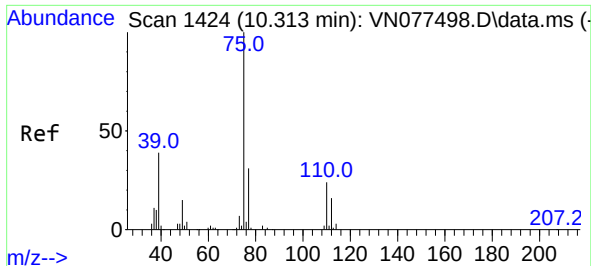
Tgt Ion: 43 Resp: 50285
Ion Ratio Lower Upper
43 100
55 29.7 22.2 33.2



#48
t-1,3-Dichloropropene
Concen: 4.468 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 75 Resp: 56493
Ion Ratio Lower Upper
75 100
77 31.6 23.9 35.9

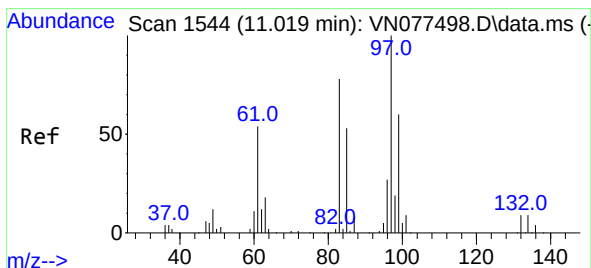
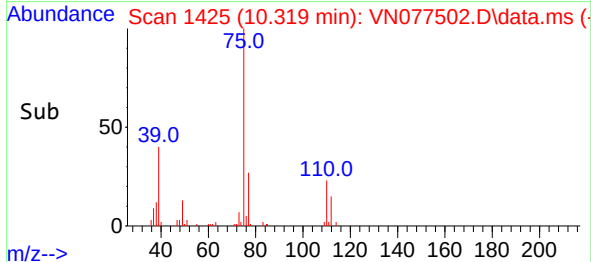
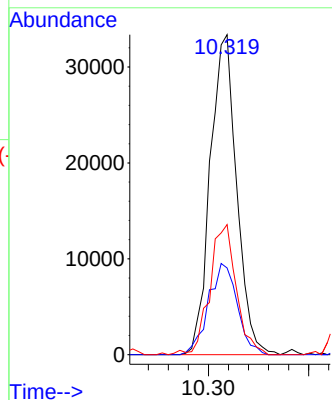
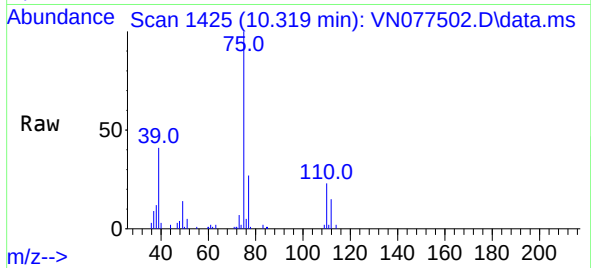




#49
 cis-1,3-Dichloropropene
 Concen: 4.480 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

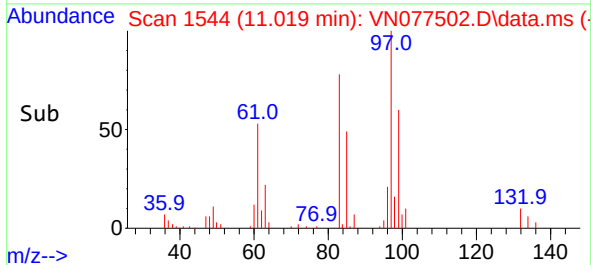
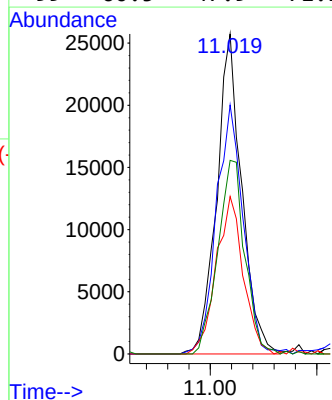
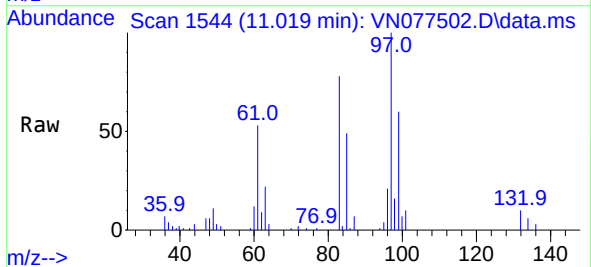
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

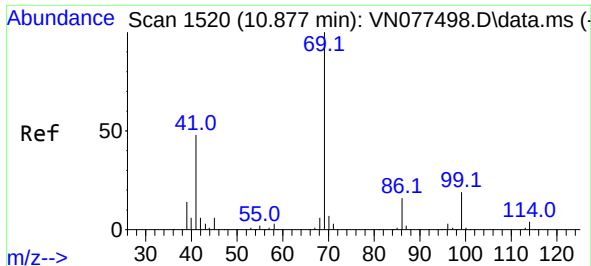
Tgt Ion:	75	Resp:	61253
Ion	Ratio	Lower	Upper
75	100		
77	27.1	25.8	38.8
39	40.7	28.5	42.7



#50
 1,1,2-Trichloroethane
 Concen: 4.714 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

Tgt Ion:	97	Resp:	41945
Ion	Ratio	Lower	Upper
97	100		
83	77.8	67.0	100.6
85	49.2	41.6	62.4
99	60.5	47.9	71.9

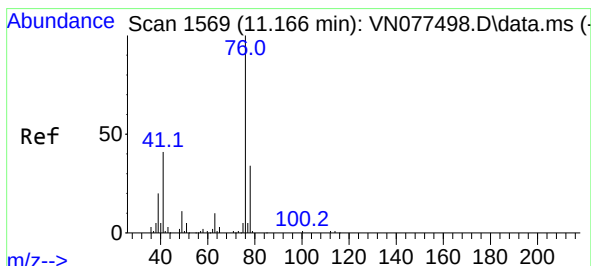
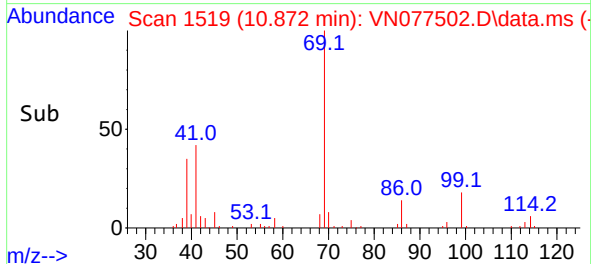
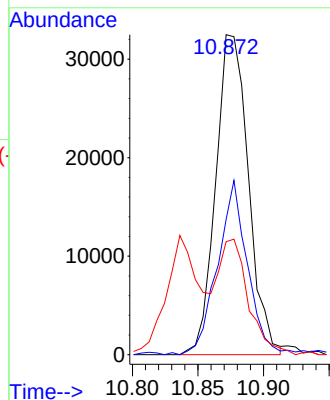
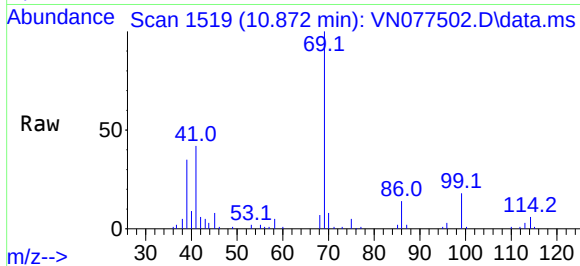




#51
Ethyl methacrylate
Concen: 4.575 ug/l
RT: 10.872 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

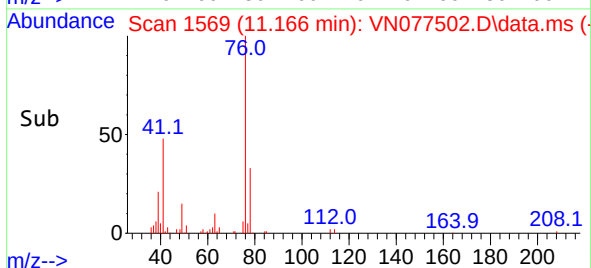
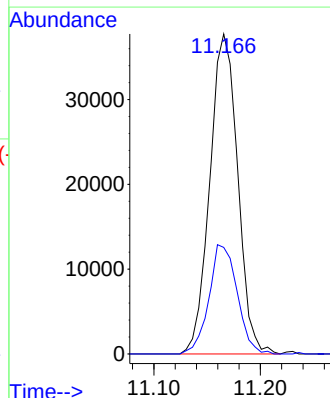
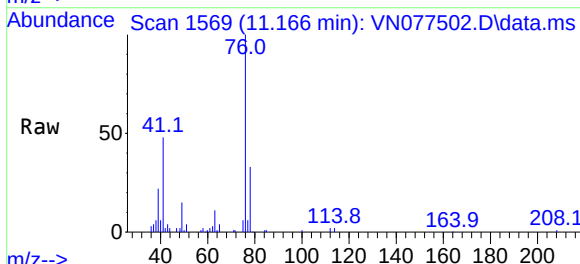
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

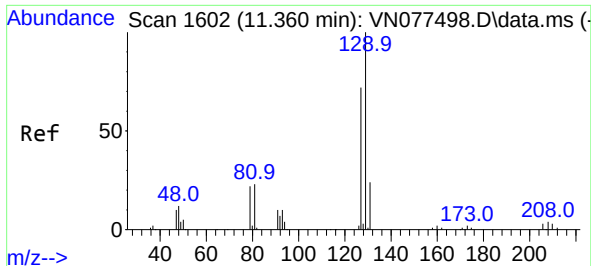
Tgt Ion: 69 Resp: 56467
Ion Ratio Lower Upper
69 100
41 42.2 22.5 67.5
39 33.3 16.2 48.5



#52
1,3-Dichloropropane
Concen: 4.765 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 76 Resp: 68620
Ion Ratio Lower Upper
76 100
78 34.6 0.0 64.4

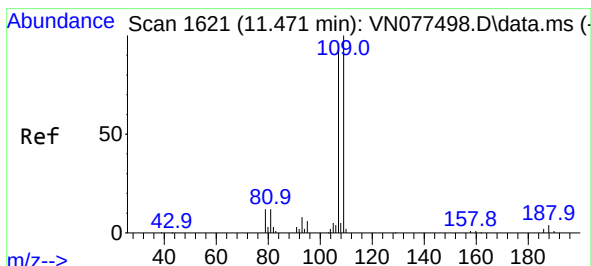
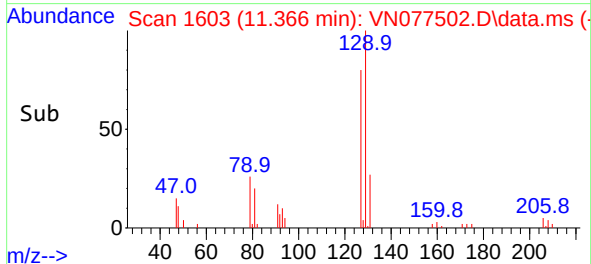
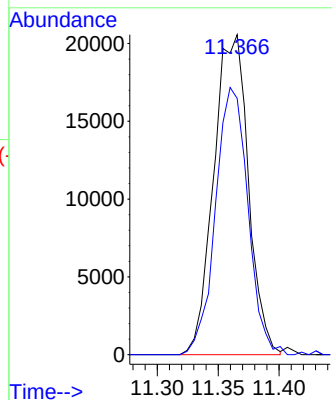
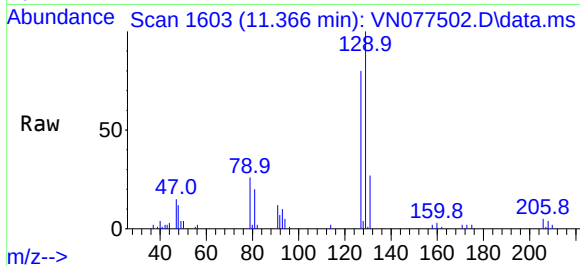




#53
Dibromochloromethane
Concen: 4.412 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

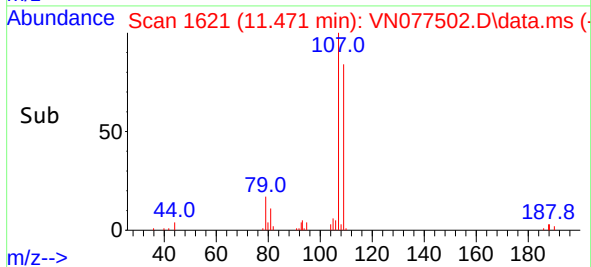
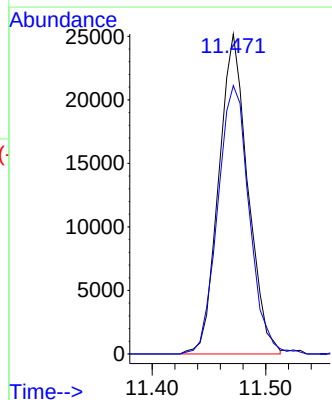
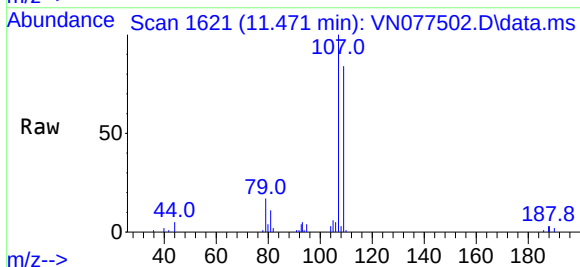
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

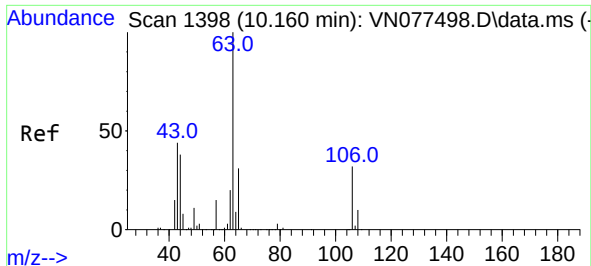
Tgt Ion:129 Resp: 40649
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6



#54
1,2-Dibromoethane
Concen: 4.967 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:107 Resp: 44804
Ion Ratio Lower Upper
107 100
109 90.3 73.8 110.6

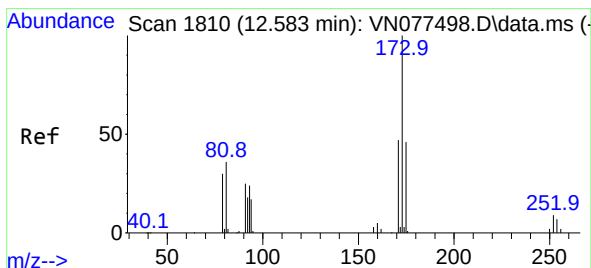
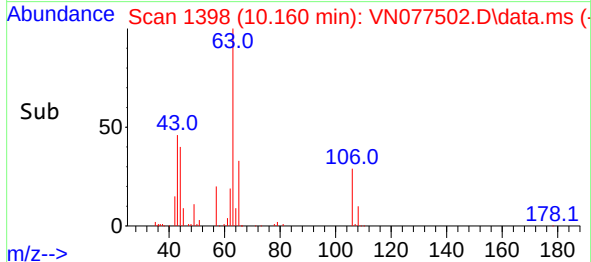
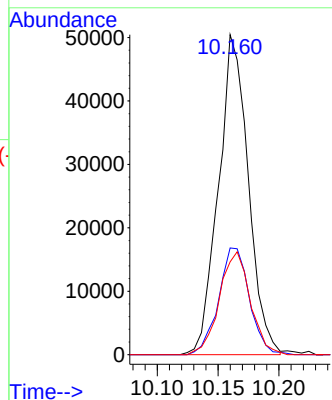
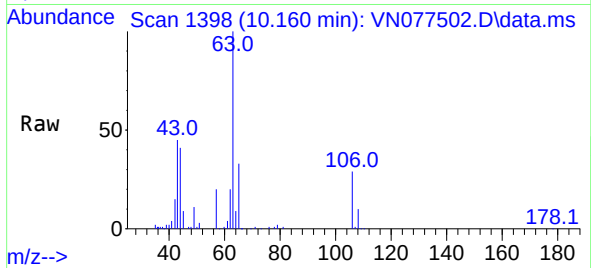




#55
2-Chloroethyl vinyl ether
Concen: 21.426 ug/l
RT: 10.160 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

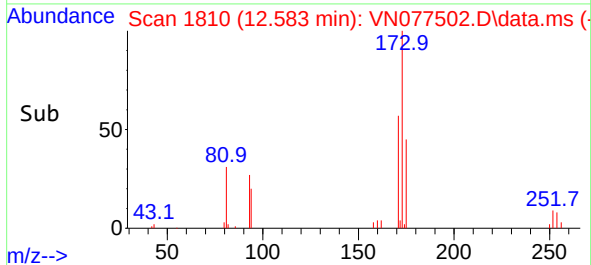
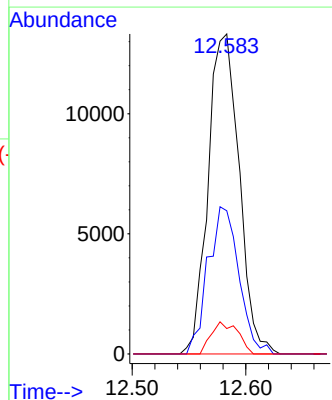
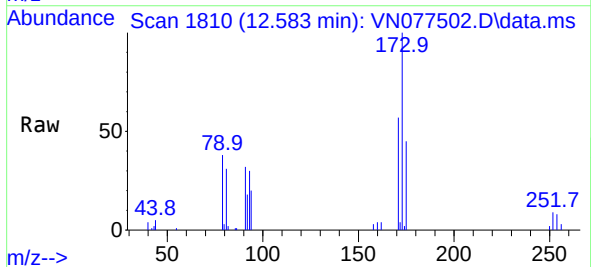
Instrument :
MSVOA_N
ClientSampleId :
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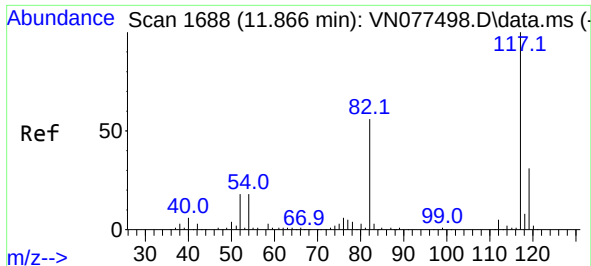
Tgt Ion: 63 Resp: 86008
Ion Ratio Lower Upper
63 100
65 34.5 25.8 38.6
106 33.3 26.2 39.2



#56
Bromoform
Concen: 4.394 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 173 Resp: 25305
Ion Ratio Lower Upper
173 100
175 45.7 40.3 60.5
254 8.6 5.0 7.6#

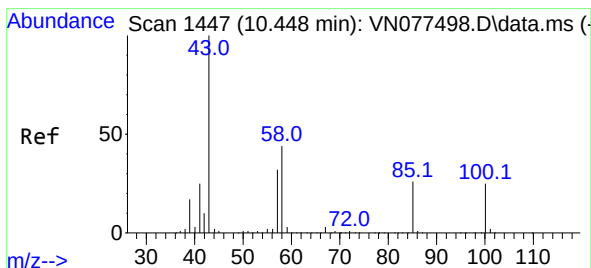
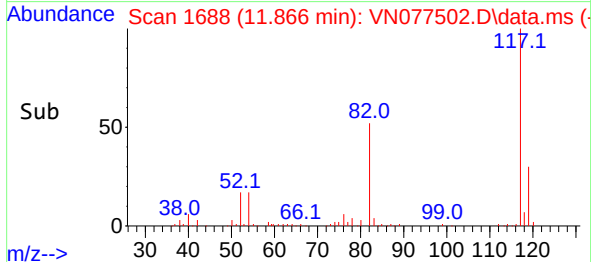
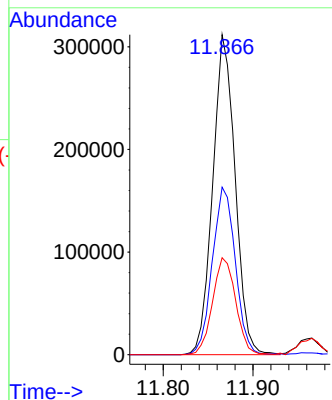
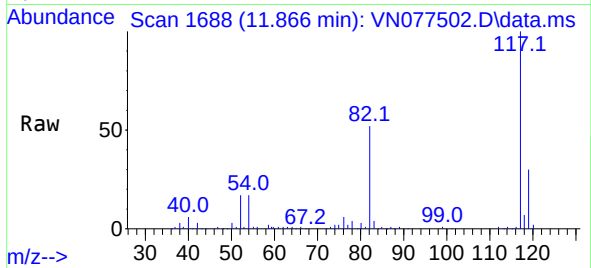




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

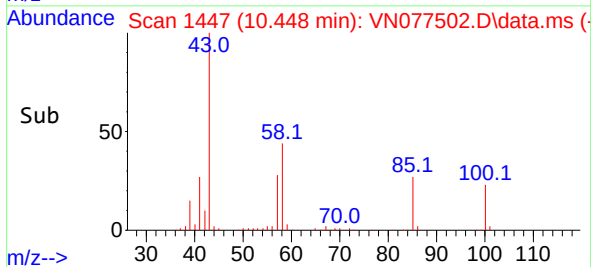
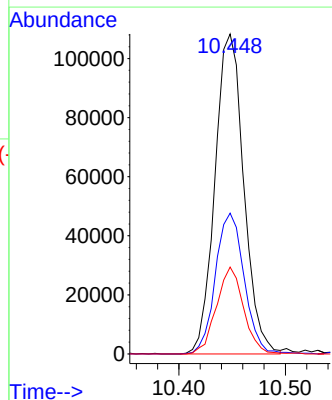
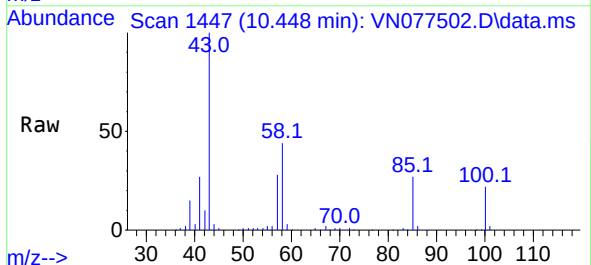
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

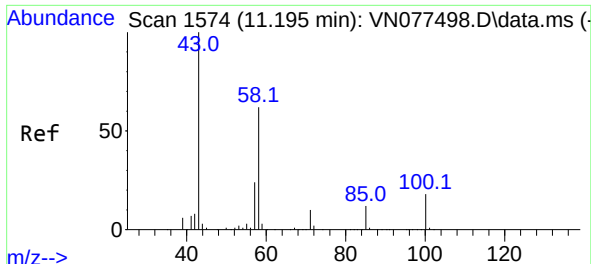
Tgt Ion:117 Resp: 540890
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.4 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 25.199 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 43 Resp: 203583
Ion Ratio Lower Upper
43 100
58 43.9 37.2 55.8
85 25.6 21.1 31.7

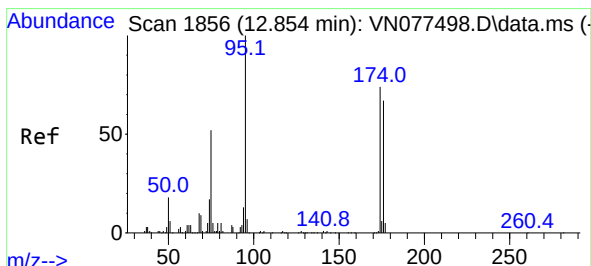
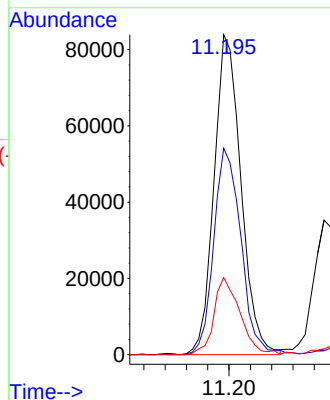
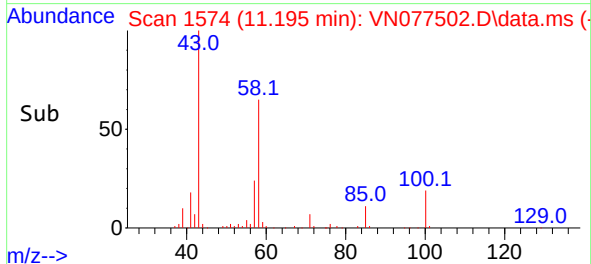
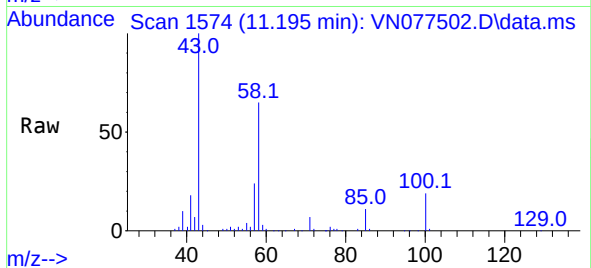




#59
2-Hexanone
Concen: 24.663 ug/l
RT: 11.195 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

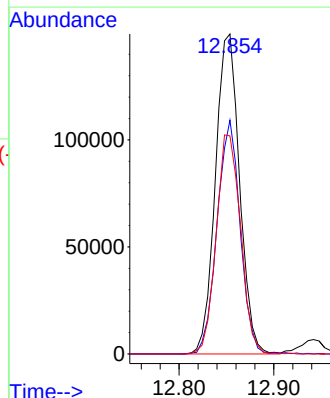
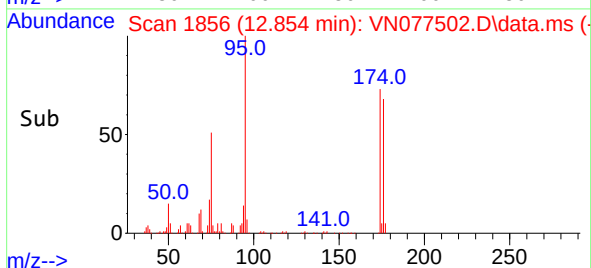
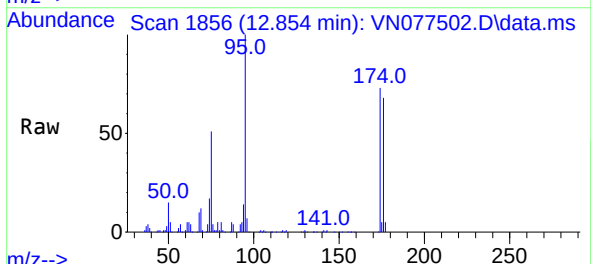
Instrument :
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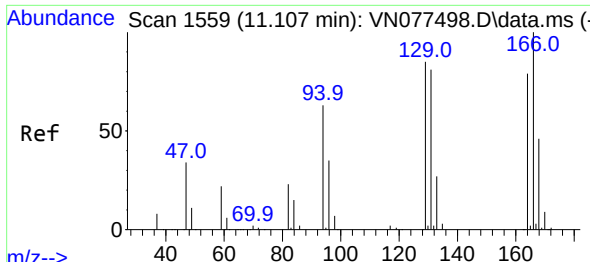
Tgt Ion: 43 Resp: 147456
Ion Ratio Lower Upper
43 100
58 64.7 51.8 77.8
57 23.0 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 27.780 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 95 Resp: 265321
Ion Ratio Lower Upper
95 100
174 69.4 55.9 83.9
176 68.8 53.9 80.9

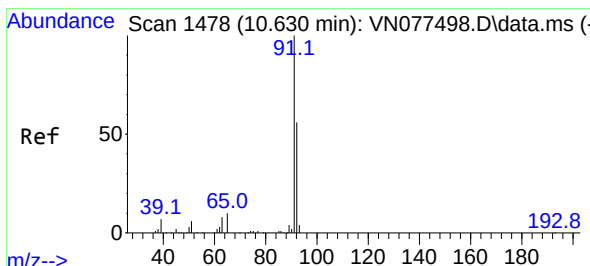
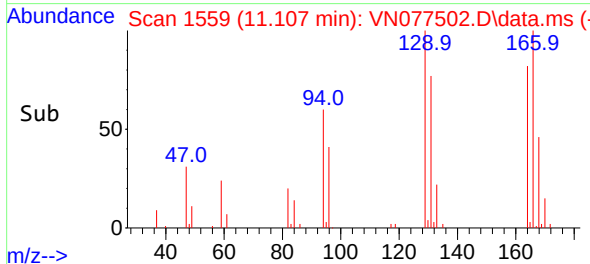
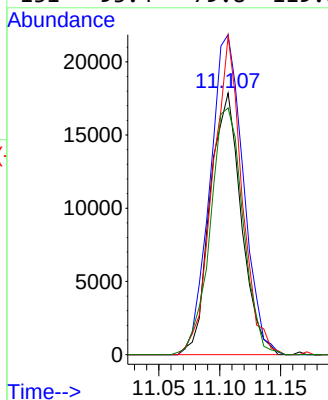
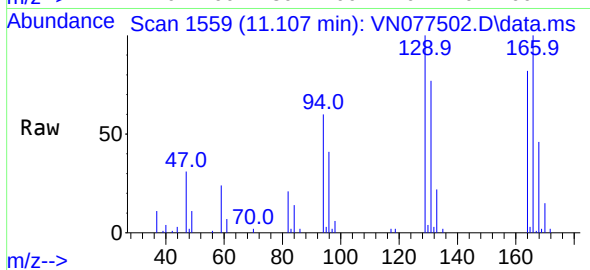




#61
Tetrachloroethene
Concen: 4.818 ug/l
RT: 11.107 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

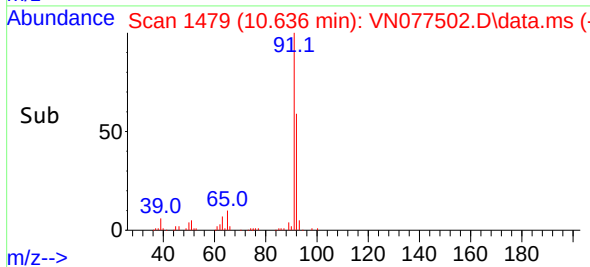
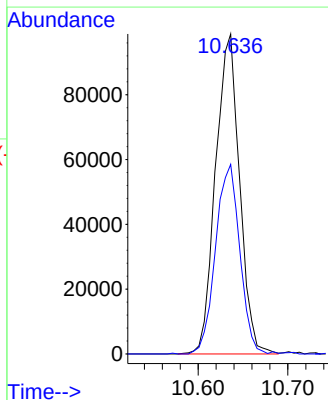
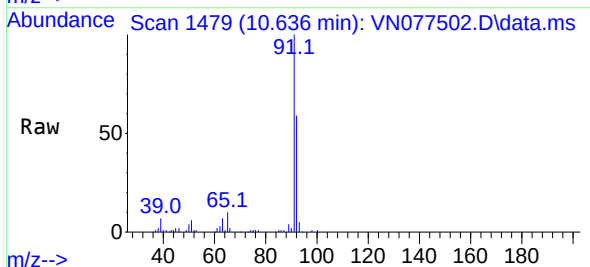
Instrument :
MSVOA_N
ClientSampleId :
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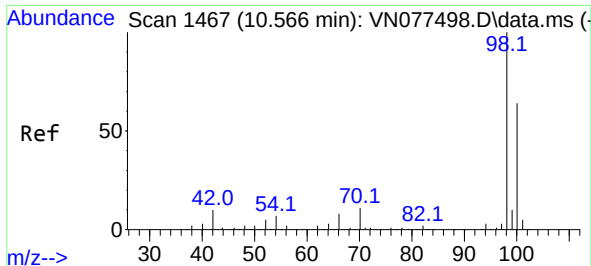
Tgt Ion:164 Resp: 31994
Ion Ratio Lower Upper
164 100
166 122.3 94.5 141.7
129 121.9 80.2 120.2#
131 93.4 79.8 119.8



#62
Toluene
Concen: 4.811 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 91 Resp: 183243
Ion Ratio Lower Upper
91 100
92 59.7 46.1 69.1

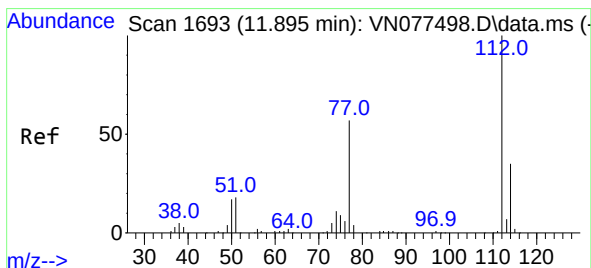
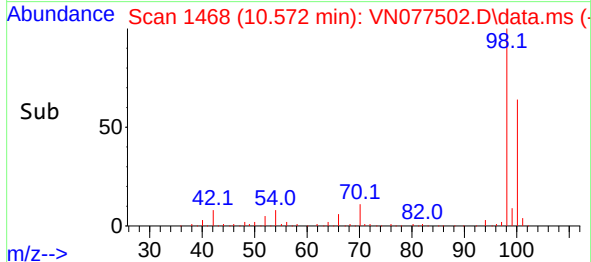
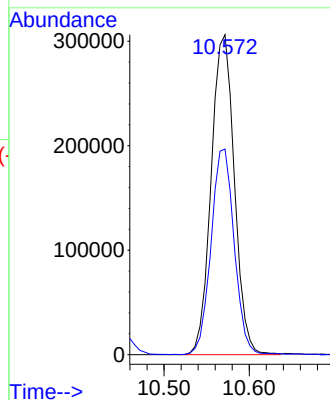
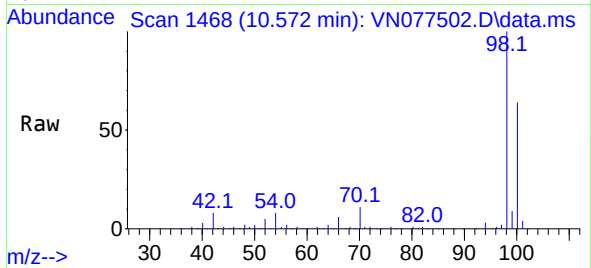




#63
Toluene-d8
Concen: 30.427 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

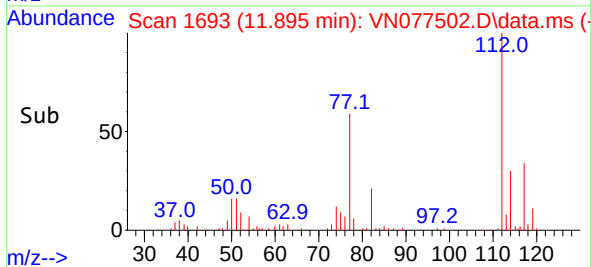
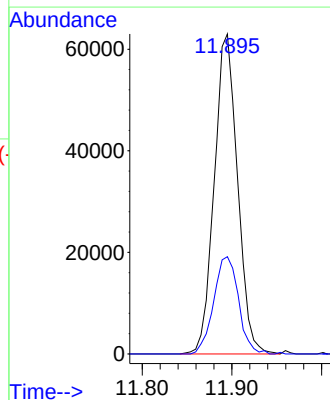
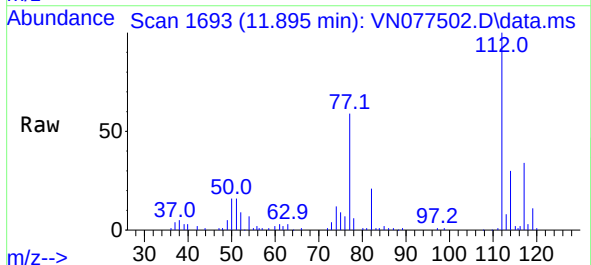
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

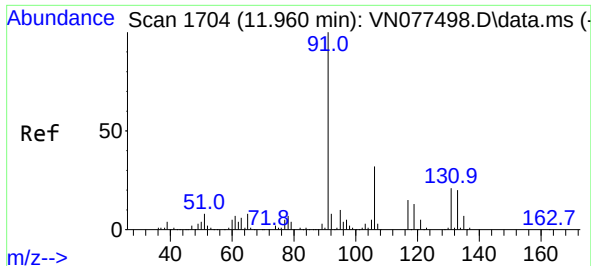
Tgt Ion: 98 Resp: 579028
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.4



#64
Chlorobenzene
Concen: 4.899 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 112 Resp: 113242
Ion Ratio Lower Upper
112 100
114 30.4 23.9 35.9

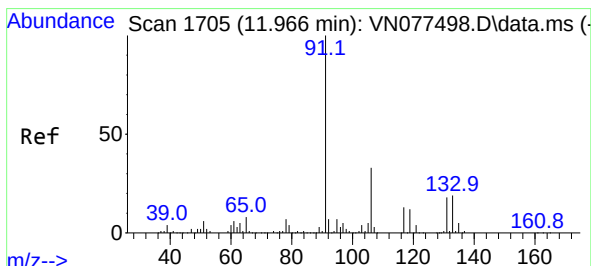
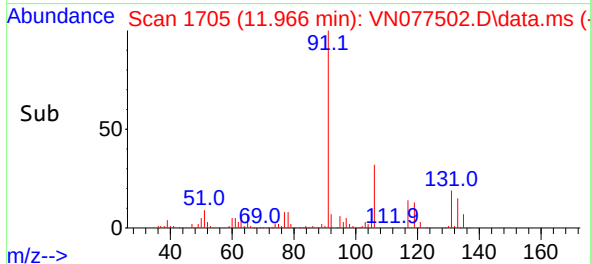
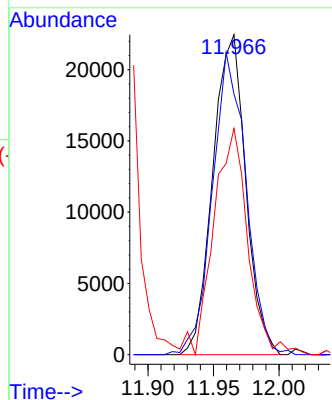
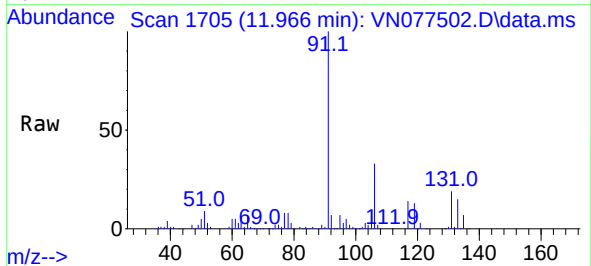




#65
1,1,1,2-Tetrachloroethane
Concen: 4.733 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

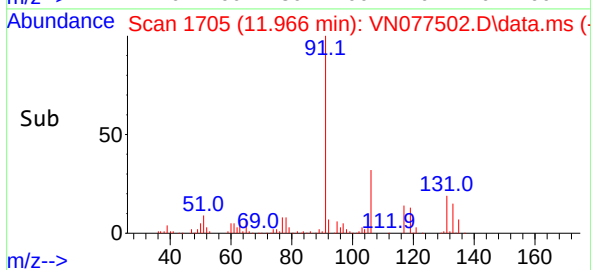
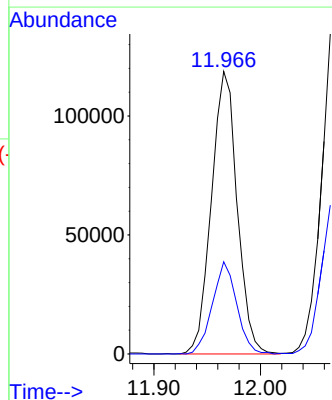
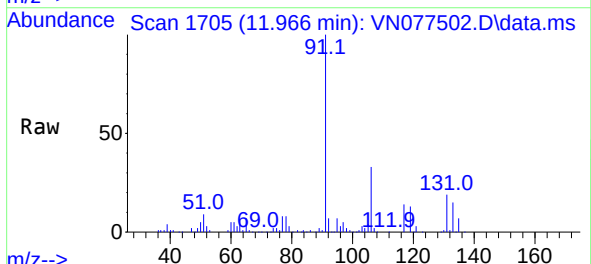
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

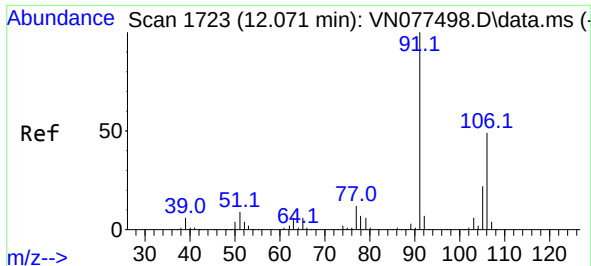
Tgt Ion:131 Resp: 39229
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.4
119 70.2 0.0 137.2



#66
Ethyl Benzene
Concen: 4.787 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 91 Resp: 199120
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

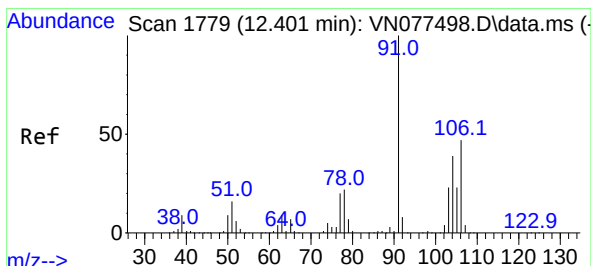
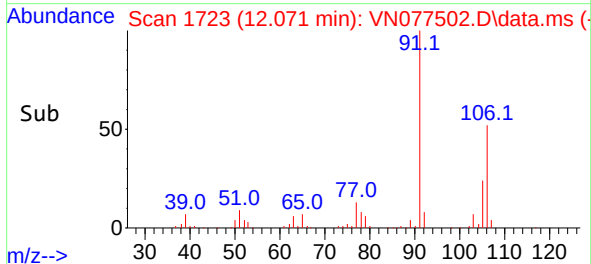
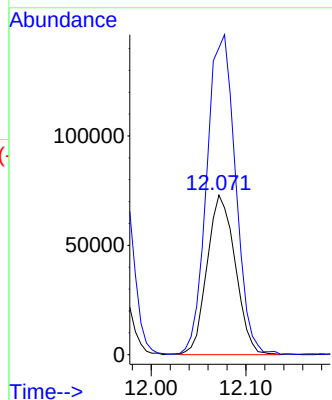
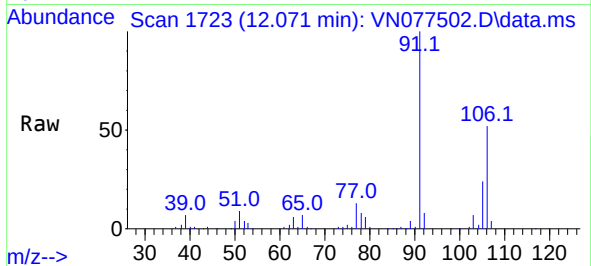




#67
m/p-Xylenes
Concen: 9.286 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

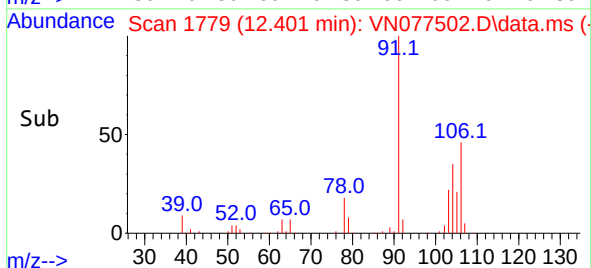
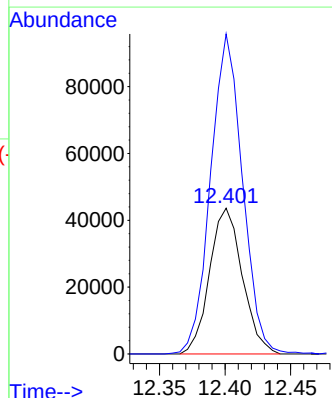
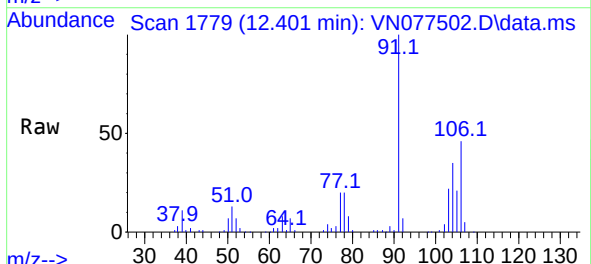
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

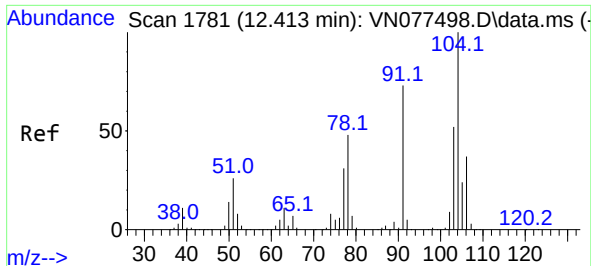
Tgt Ion:106 Resp: 150781
Ion Ratio Lower Upper
106 100
91 204.4 157.9 236.9



#68
o-Xylene
Concen: 4.750 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:106 Resp: 75970
Ion Ratio Lower Upper
106 100
91 213.4 104.6 313.8

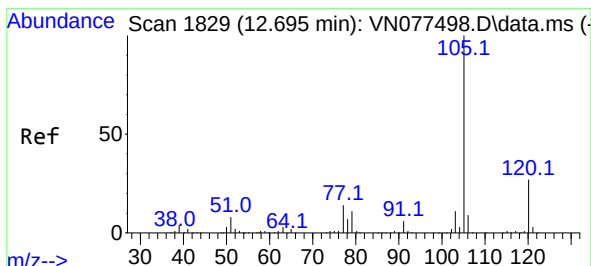
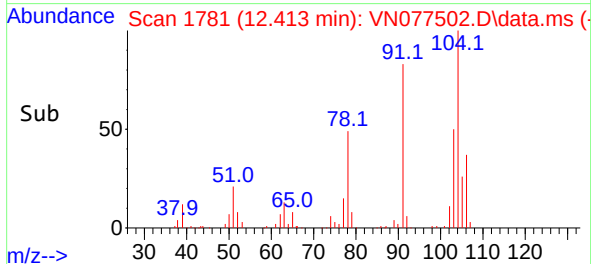
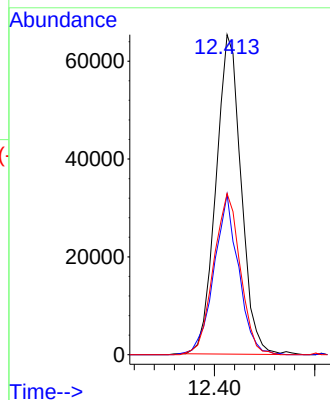
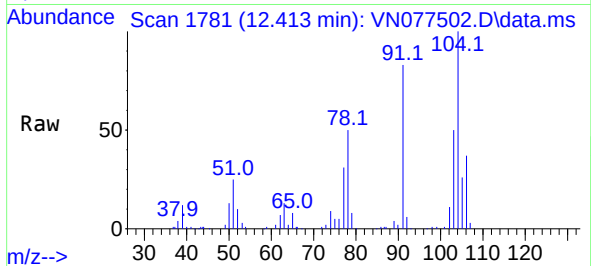




#69
Styrene
Concen: 4.512 ug/l
RT: 12.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

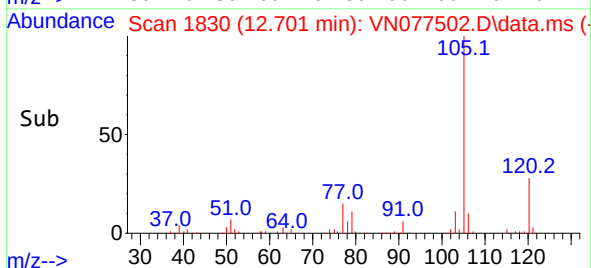
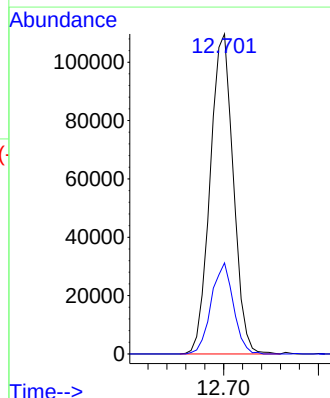
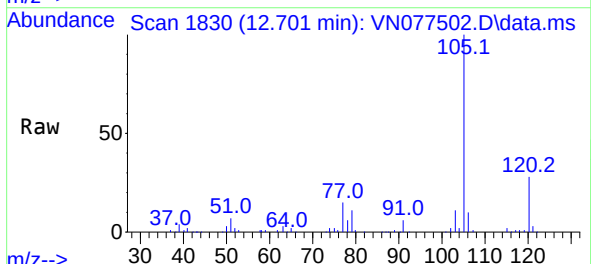
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

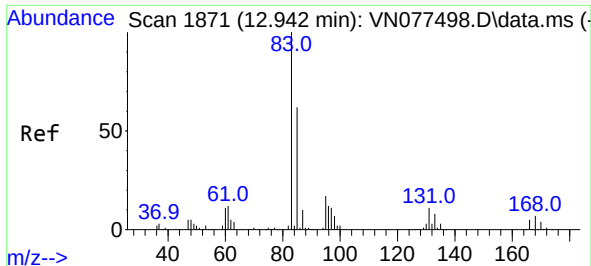
Tgt Ion:104 Resp: 113610
Ion Ratio Lower Upper
104 100
78 49.3 39.3 58.9
103 53.6 44.6 66.8



#70
Isopropylbenzene
Concen: 4.529 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:105 Resp: 186204
Ion Ratio Lower Upper
105 100
120 27.2 18.7 34.7

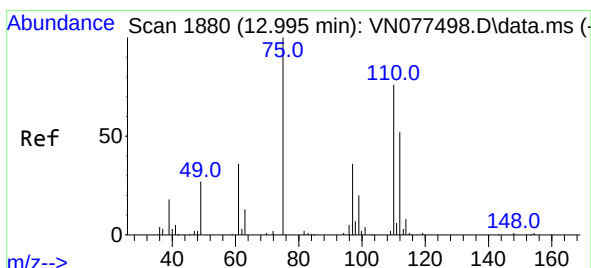
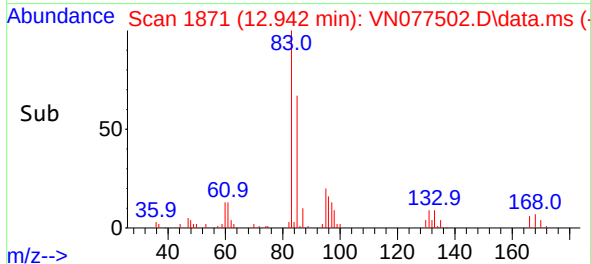
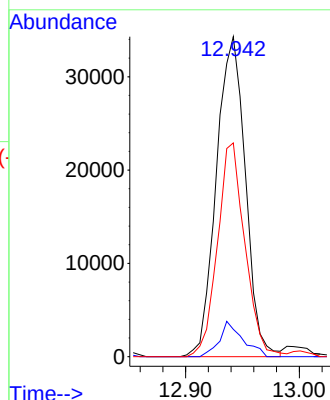
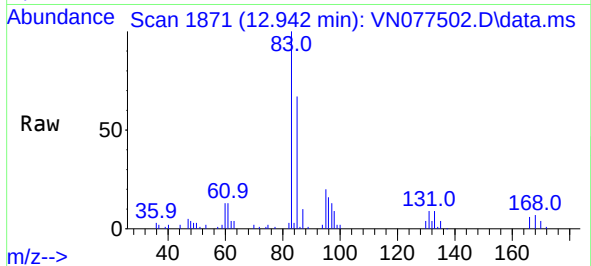




#71
1,1,2,2-Tetrachloroethane
Concen: 4.902 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

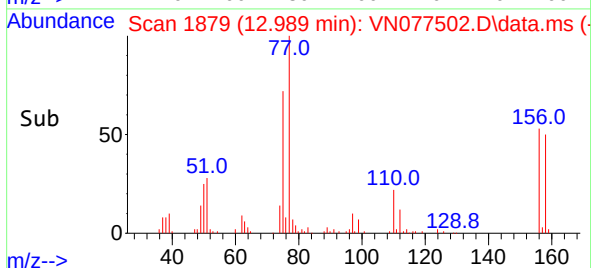
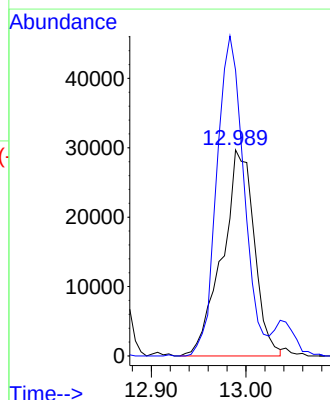
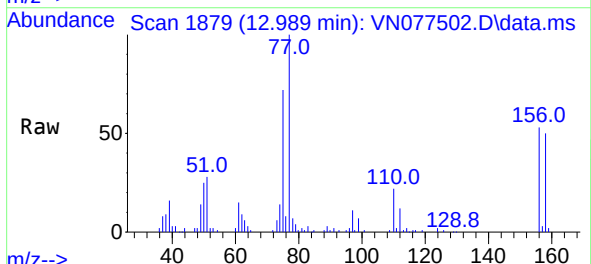
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

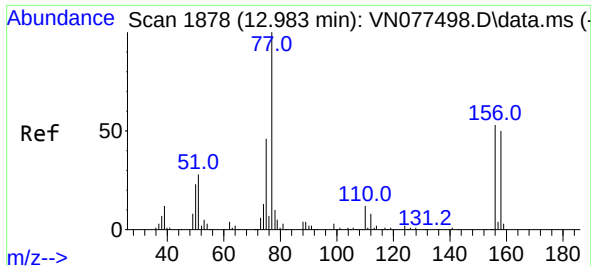
Tgt Ion: 83 Resp: 60926
Ion Ratio Lower Upper
83 100
131 8.9 4.8 14.3
85 63.2 31.6 94.8



#72
1,2,3-Trichloropropane
Concen: 6.666 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 75 Resp: 69736
Ion Ratio Lower Upper
75 100
77 132.4 0.0 367.2

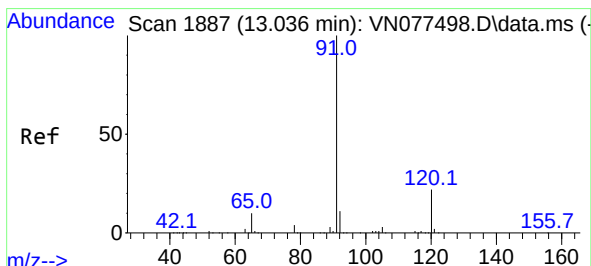
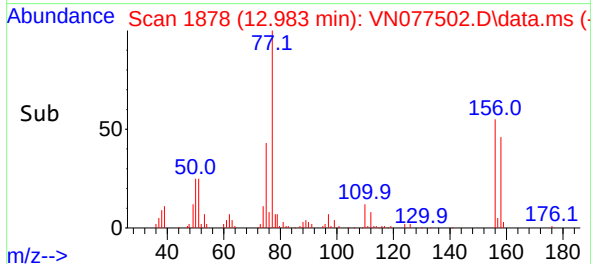
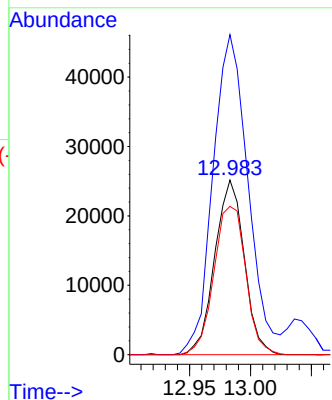
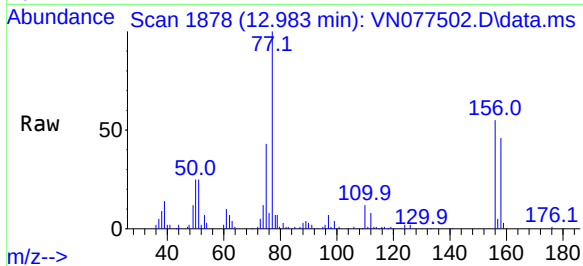




#73
Bromobenzene
Concen: 4.881 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

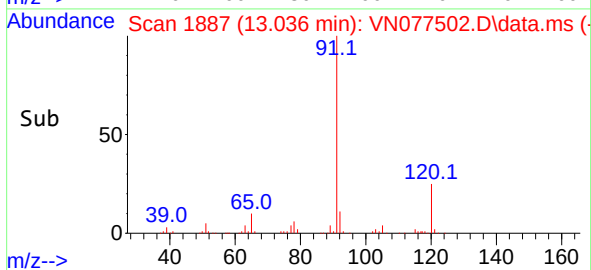
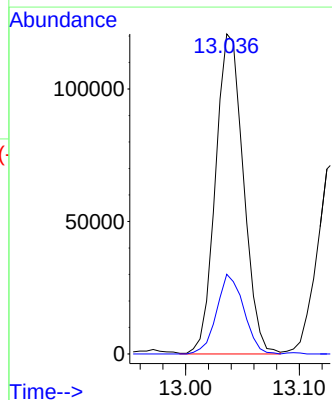
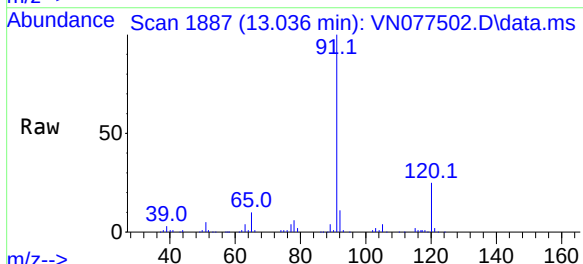
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

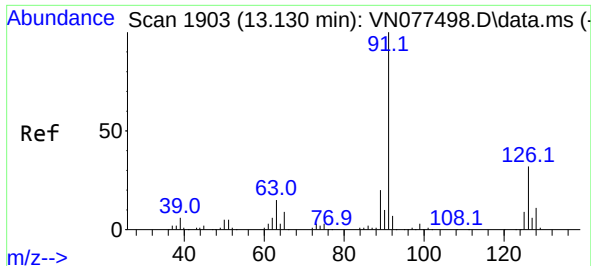
Tgt Ion:156 Resp: 42474
Ion Ratio Lower Upper
156 100
77 217.3 0.0 431.6
158 91.6 0.0 192.4



#74
n-propylbenzene
Concen: 4.513 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 91 Resp: 206296
Ion Ratio Lower Upper
91 100
120 24.1 0.0 46.4

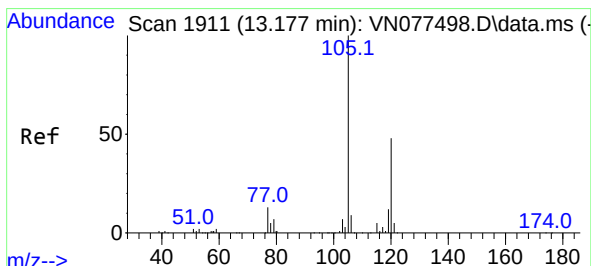
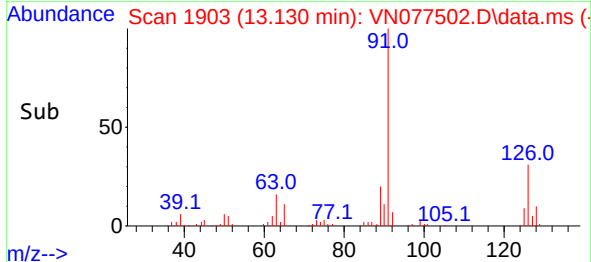
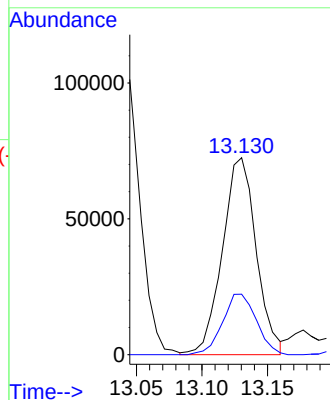
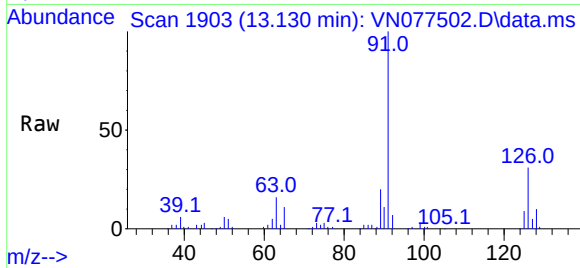




#75
2-Chlorotoluene
Concen: 4.627 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

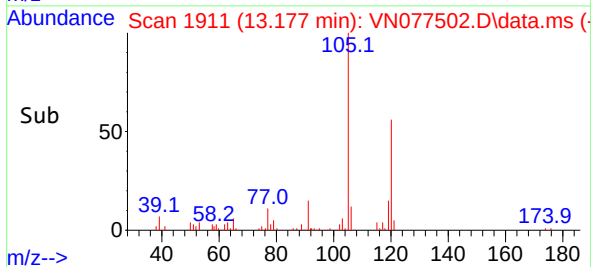
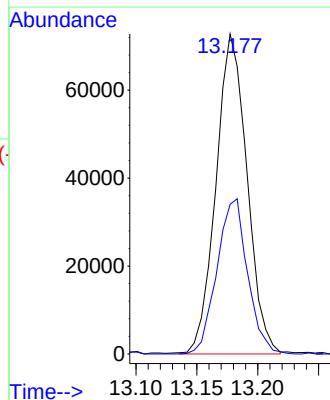
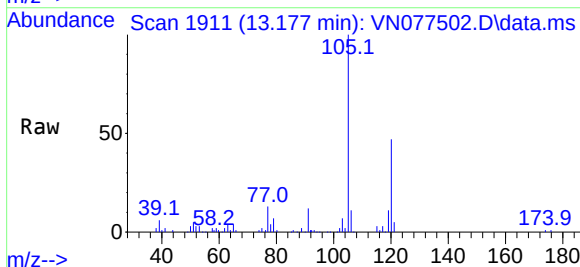
Instrument : MSVOA_N
ClientSampleId : VSTDIC005

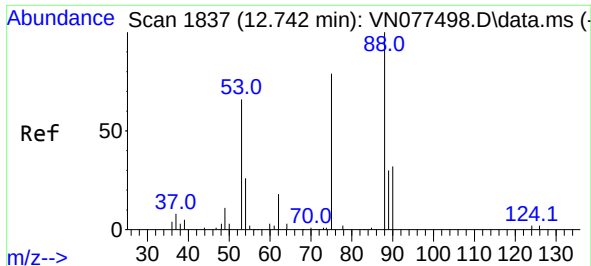
Tgt Ion: 91 Resp: 130188
Ion Ratio Lower Upper
91 100
126 30.7 0.0 65.2



#76
1,3,5-Trimethylbenzene
Concen: 4.081 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 105 Resp: 128974
Ion Ratio Lower Upper
105 100
120 47.9 0.0 93.8

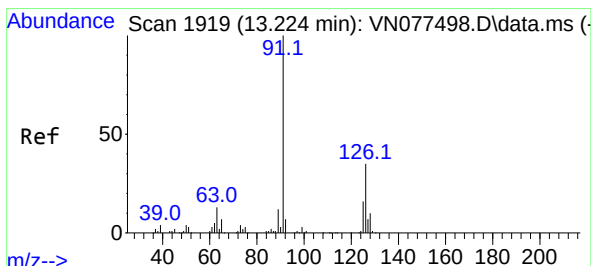
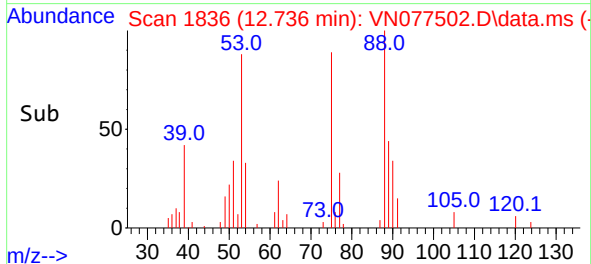
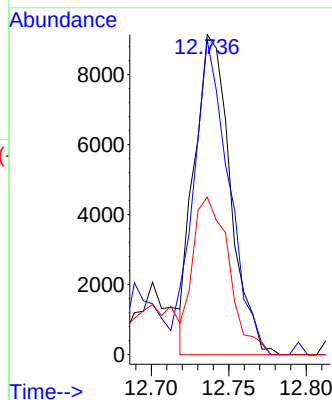
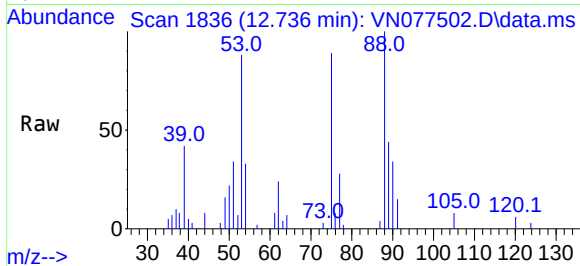




#77
t-1,4-Dichloro-2-butene
Concen: 4.151 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

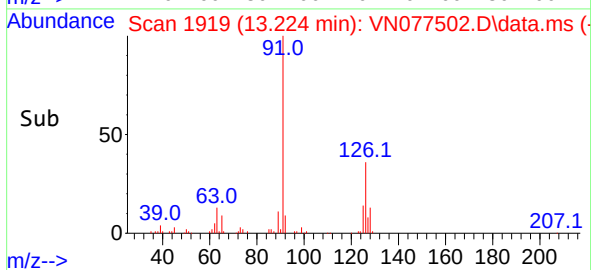
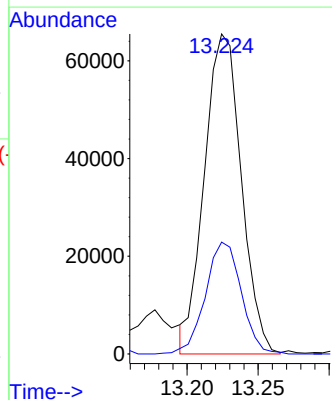
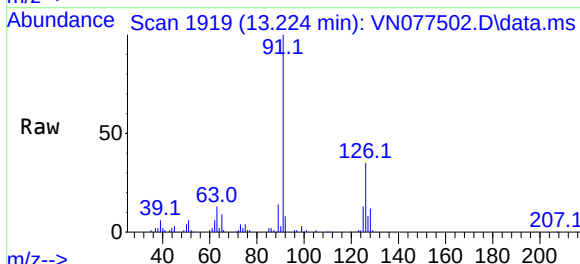
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

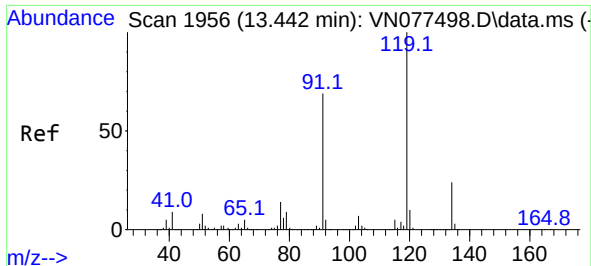
Tgt Ion: 75 Resp: 14719
Ion Ratio Lower Upper
75 100
53 98.3 38.2 114.6
89 49.3 22.1 66.1



#78
4-Chlorotoluene
Concen: 4.475 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 91 Resp: 118417
Ion Ratio Lower Upper
91 100
126 34.0 0.0 65.6

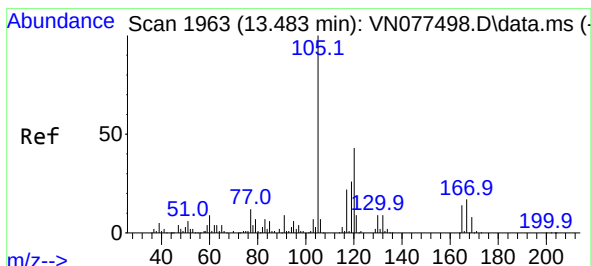
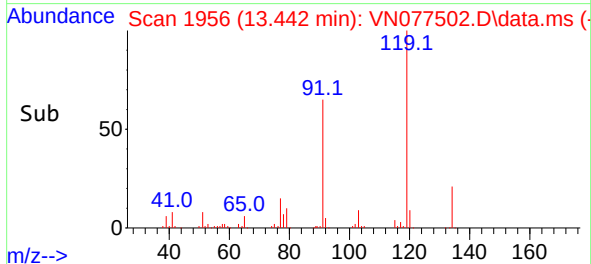
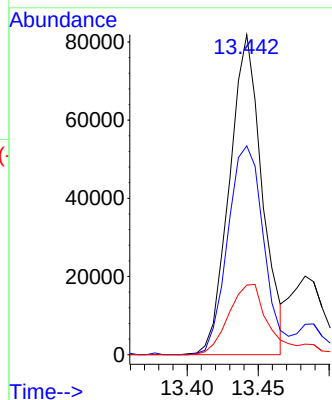
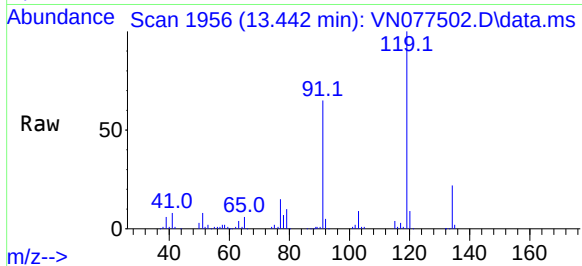




#79
tert-butylbenzene
Concen: 4.505 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

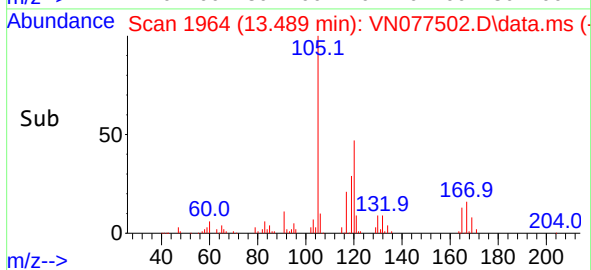
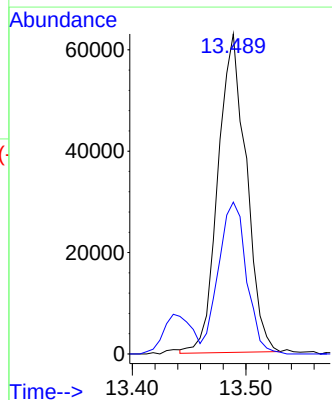
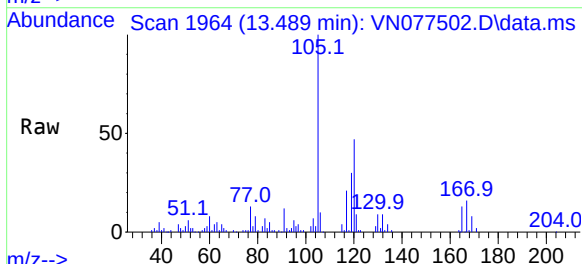
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

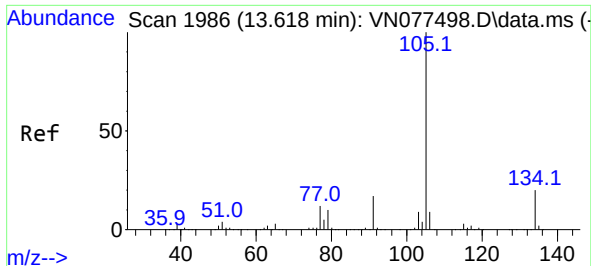
Tgt Ion:119 Resp: 131033
Ion Ratio Lower Upper
119 100
91 72.0 0.0 139.4
134 26.2 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 3.699 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:105 Resp: 108519
Ion Ratio Lower Upper
105 100
120 47.5 0.0 87.8

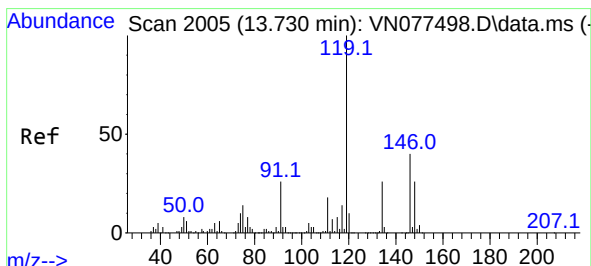
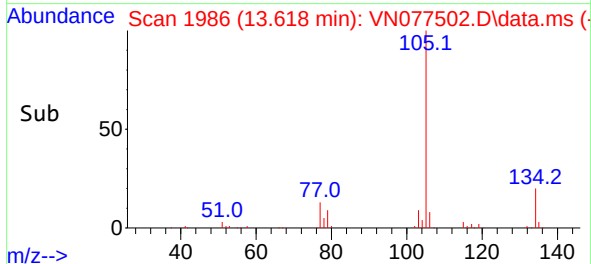
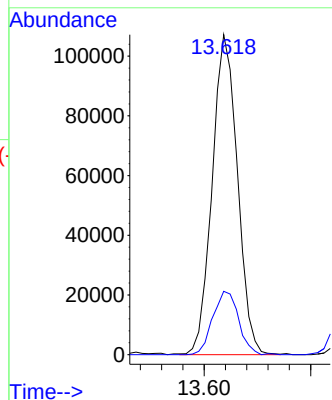
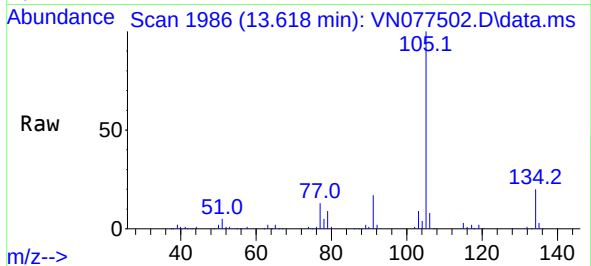




#81
 sec-Butylbenzene
 Concen: 4.289 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

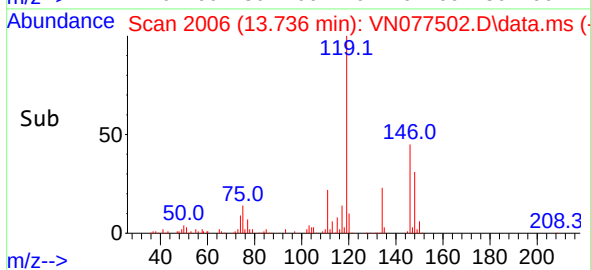
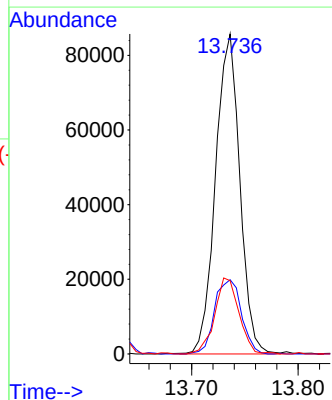
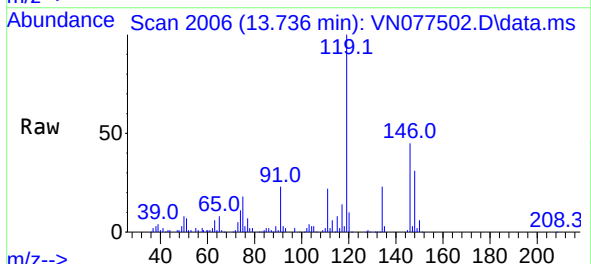
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

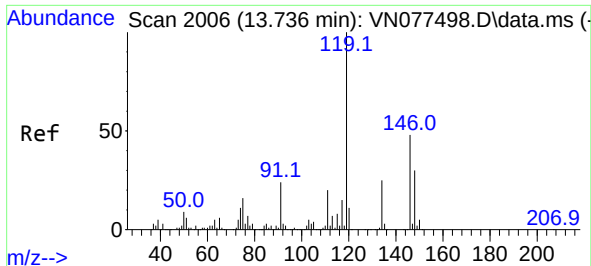
Tgt Ion:105 Resp: 176420
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 4.206 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

Tgt Ion:119 Resp: 135521
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 23.6 0.0 50.6

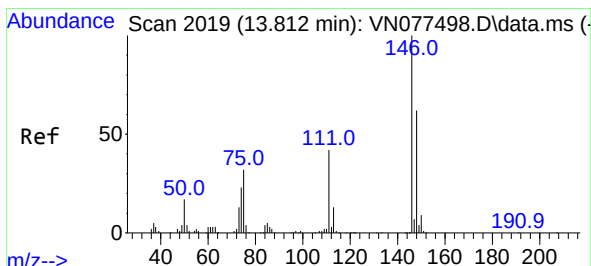
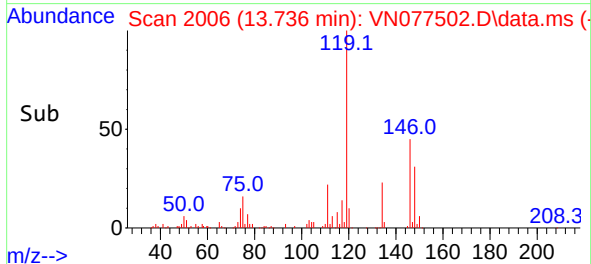
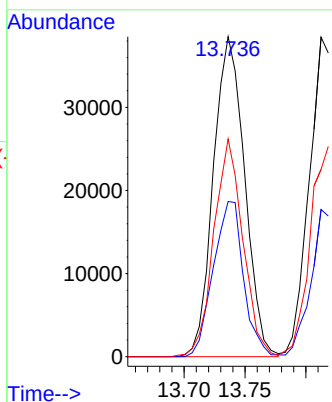
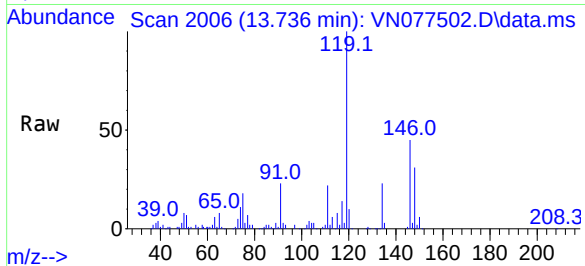




#83
1,3-Dichlorobenzene
Concen: 4.396 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

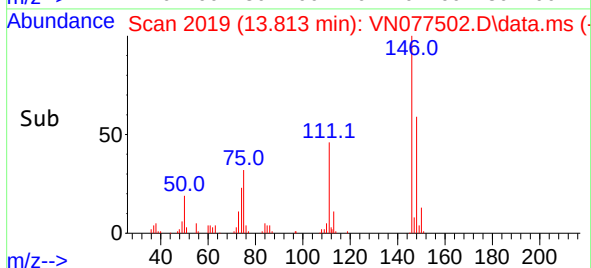
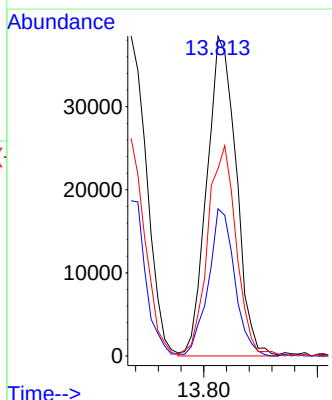
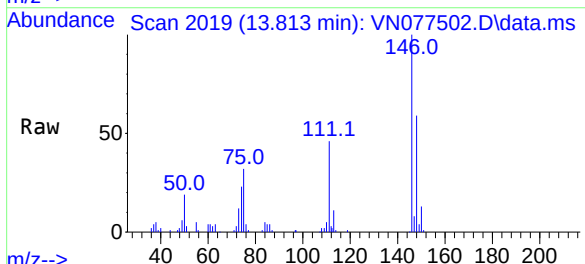
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

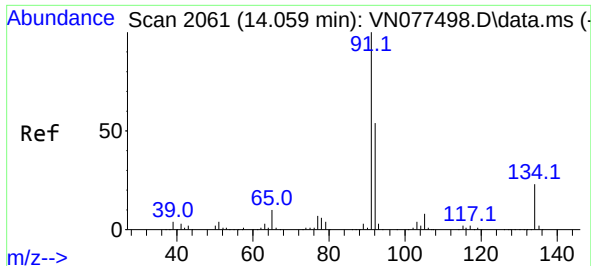
Tgt Ion:146 Resp: 68726
Ion Ratio Lower Upper
146 100
111 47.1 22.1 66.5
148 63.3 31.8 95.4



#84
1,4-Dichlorobenzene
Concen: 4.451 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:146 Resp: 68808
Ion Ratio Lower Upper
146 100
111 41.4 20.9 62.7
148 64.0 31.6 94.7

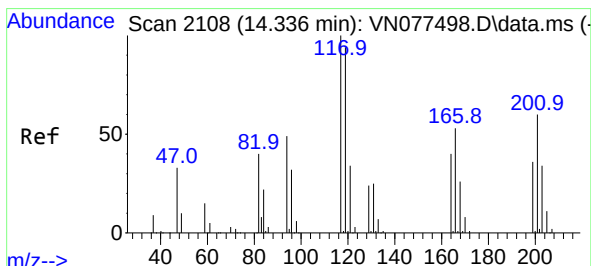
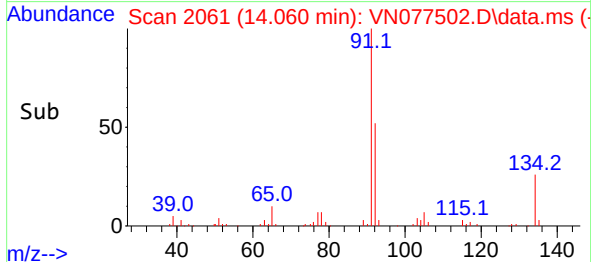
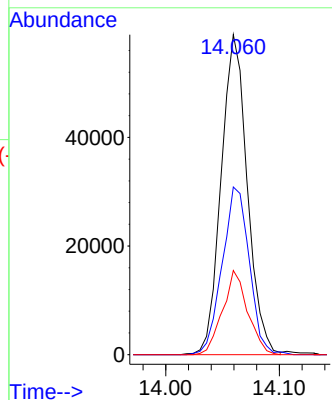
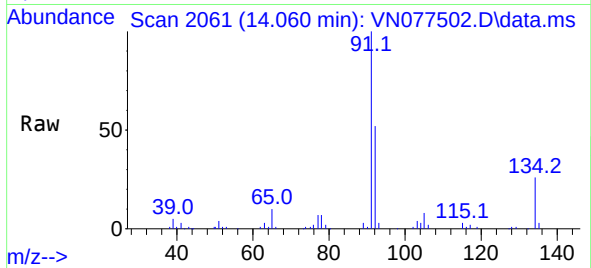




#85
n-Butylbenzene
Concen: 3.698 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

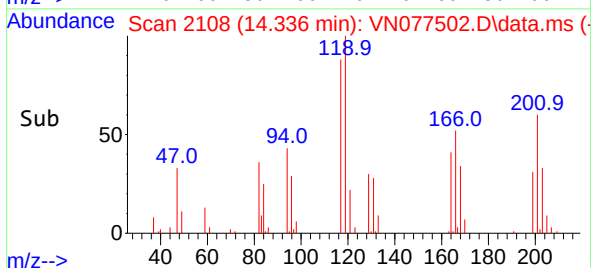
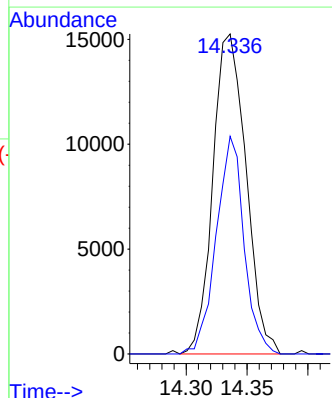
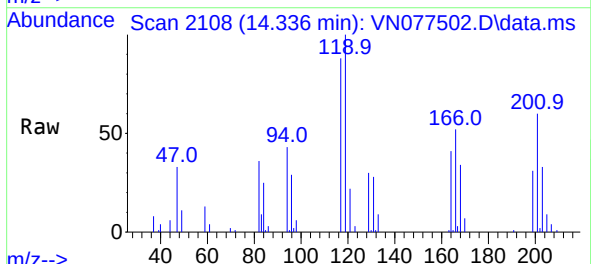
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

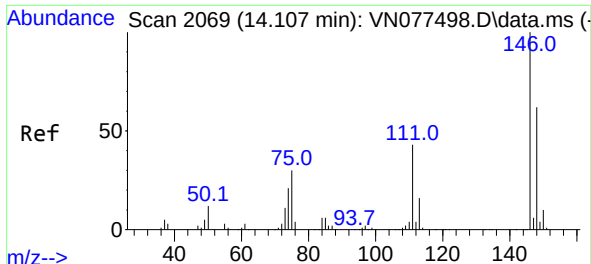
Tgt Ion: 91 Resp: 94173
Ion Ratio Lower Upper
91 100
92 54.1 0.0 108.4
134 25.3 0.0 50.0



#86
Hexachloroethane
Concen: 4.456 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 117 Resp: 28872
Ion Ratio Lower Upper
117 100
201 57.2 27.4 82.2





#87

1,2-Dichlorobenzene

Concen: 4.607 ug/l

RT: 14.112 min Scan# 2069

Delta R.T. 0.006 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

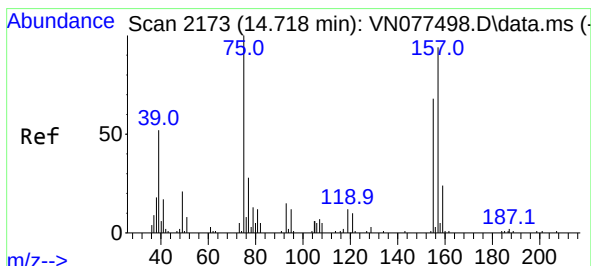
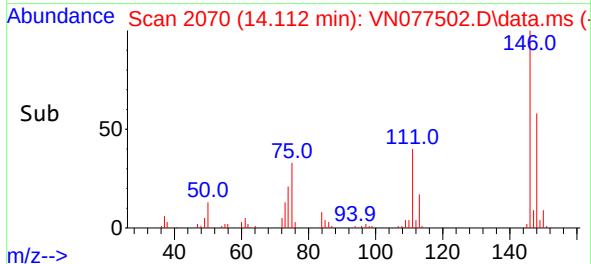
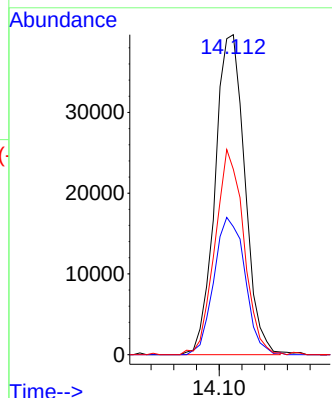
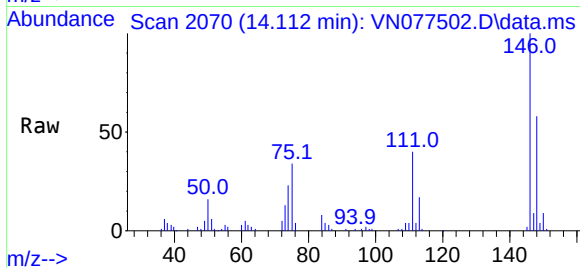
Tgt Ion:146 Resp: 72091

Ion Ratio Lower Upper

146 100

111 44.8 22.3 66.9

148 62.1 32.4 97.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.756 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.006 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

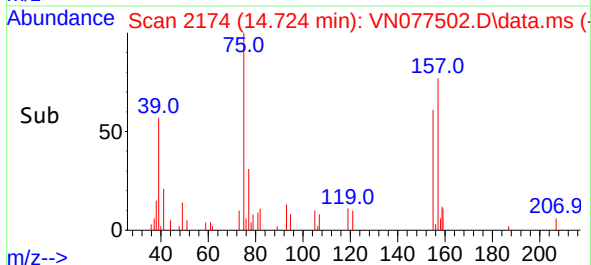
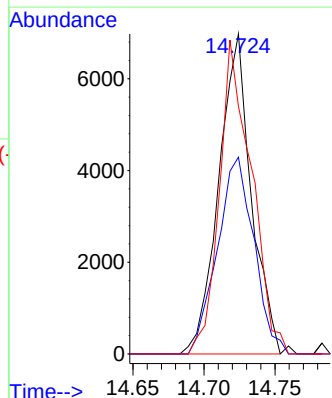
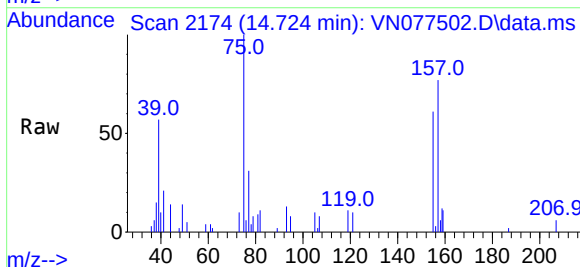
Tgt Ion: 75 Resp: 11088

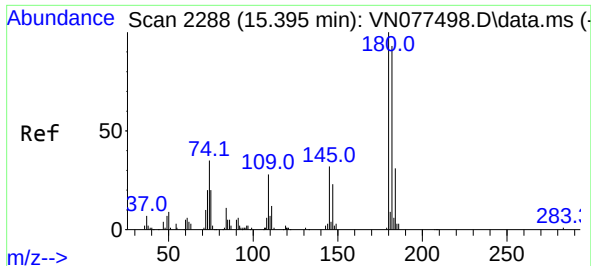
Ion Ratio Lower Upper

75 100

155 69.2 63.0 94.4

157 96.7 79.5 119.3

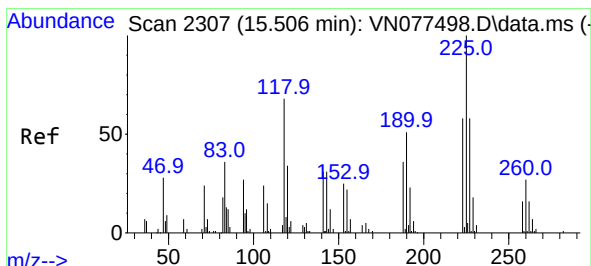
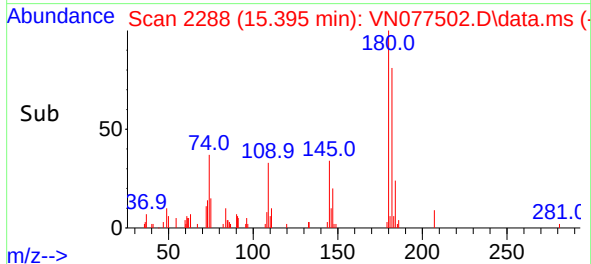
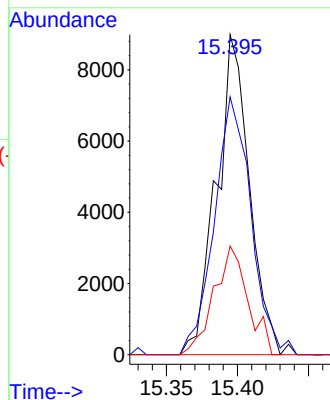
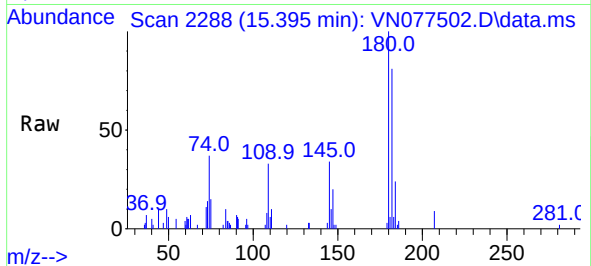




#89
1,2,4-Trichlorobenzene
Concen: 3.169 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

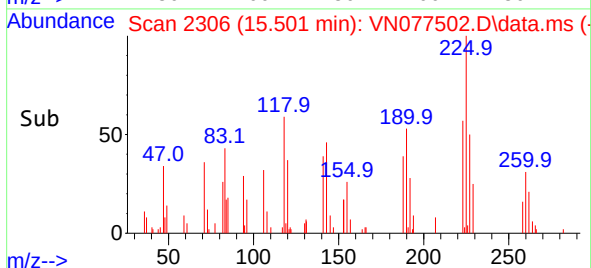
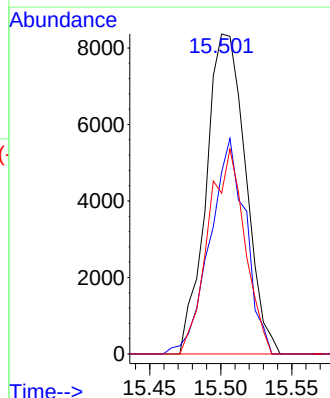
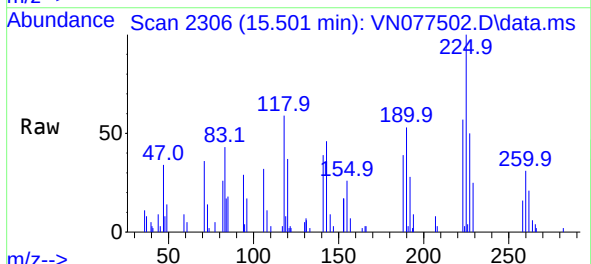
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

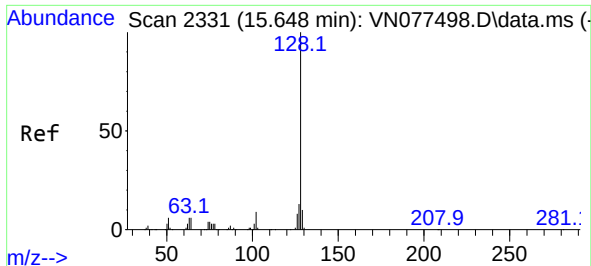
Tgt Ion:	180	Resp:	14489
Ion Ratio	Lower	Upper	
180	100		
182	89.8	78.7	118.1
145	34.8	28.8	43.2



#90
Hexachlorobutadiene
Concen: 4.860 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:	225	Resp:	16172
Ion Ratio	Lower	Upper	
225	100		
223	60.9	0.0	124.2
227	59.4	0.0	119.2

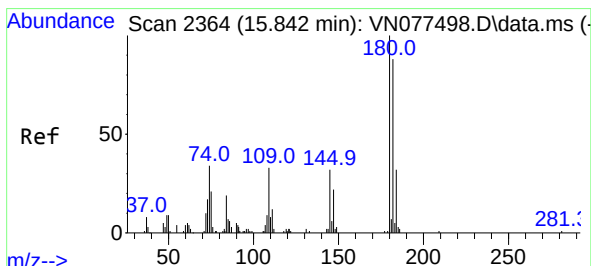
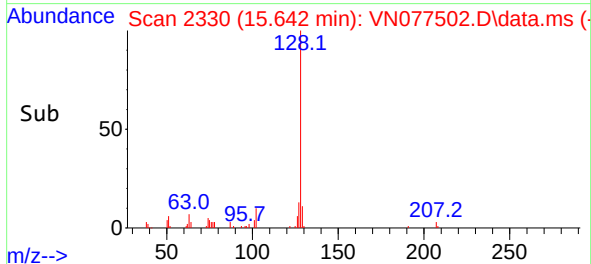
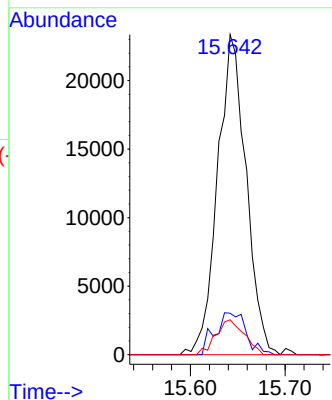
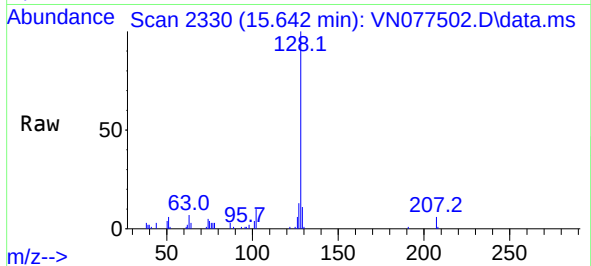




#91
Naphthalene
Concen: 2.857 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 48832
Ion Ratio Lower Upper
128 100
127 4.2 10.4 15.6#
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 3.178 ug/l
RT: 15.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:180 Resp: 13951
Ion Ratio Lower Upper
180 100
182 61.2 0.0 198.0
145 35.5 0.0 80.2

