

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077495.D
 Acq On : 28 Apr 2023 10:36
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 28 10:53:21 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	65502	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	460560	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	493746	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	167820	30.209	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.700%	
60) 4-Bromofluorobenzene	12.848	95	262981	30.803	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.667%	
63) Toluene-d8	10.572	98	521806	30.062	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	114689	18.418	ug/l	99
3) Chloromethane	2.372	50	101250	12.239	ug/l	91
4) Vinyl Chloride	2.525	62	133713	11.284	ug/l	97
5) Bromomethane	2.961	94	107495	12.039	ug/l	99
6) Chloroethane	3.131	64	94795	11.935	ug/l	99
7) Trichlorofluoromethane	3.508	101	221002	20.030	ug/l	100
8) Diethyl Ether	3.966	74	83697	17.797	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.384	101	125166	18.141	ug/l	96
10) 1,1-Dichloroethene	4.349	96	119333	17.289	ug/l	95
11) Methyl Iodide	4.602	142	146582	18.798	ug/l	90
12) Methyl Acetate	5.031	43	161059	15.662	ug/l	95
13) Acrolein	4.184	56	106605	83.519	ug/l	97
14) Acrylonitrile	5.731	53	266510	75.820	ug/l	98
15) Acetone	4.431	58	83003	65.090	ug/l	88
16) Carbon Disulfide	4.719	76	267053	14.659	ug/l	97
17) Allyl chloride	5.037	41	124278	13.987	ug/l	94
18) Methylene Chloride	5.290	84	138867	17.325	ug/l	98
19) trans-1,2-Dichloroethene	5.802	96	130470	17.385	ug/l	93
20) Diisopropyl ether	6.678	45	323107	15.258	ug/l	99
21) 1,1-Dichloroethane	6.572	63	236156	17.594	ug/l	98
22) cis-1,2-Dichloroethene	7.496	96	161119	17.611	ug/l	97
23) tert-Butyl Alcohol	5.531	59	108320	69.305	ug/l #	100
24) Methyl tert-Butyl Ether	5.808	73	435191	17.514	ug/l	99
25) Chloroform	7.966	83	271407	18.658	ug/l	98
26) Cyclohexane	8.260	56	177732	15.239	ug/l #	94
29) 1,1-Dichloropropene	8.378	75	181283	18.170	ug/l	97
30) 2-Butanone	7.490	43	340224	72.112	ug/l	96
31) 2,2-Dichloropropane	7.496	77	222372	18.156	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	245092	19.961	ug/l	99
33) Carbon Tetrachloride	8.366	117	207963	19.845	ug/l	96
34) Benzene	8.613	78	570233	18.472	ug/l	97
35) Methacrylonitrile	7.784	41	67431	15.172	ug/l	97
36) 1,2-Dichloroethane	8.678	62	193593	20.002	ug/l	99
37) Trichloroethene	9.360	130	146544	19.408	ug/l	99
38) Methylcyclohexane	9.601	83	236276	17.461	ug/l	98
39) 1,2-Dichloropropane	9.625	63	134791	17.589	ug/l	94
40) Dibromomethane	9.713	93	108768	19.699	ug/l	99
41) Bromodichloromethane	9.890	83	219236	19.912	ug/l	99
42) Vinyl Acetate	6.613	43	1062645	77.822	ug/l #	100

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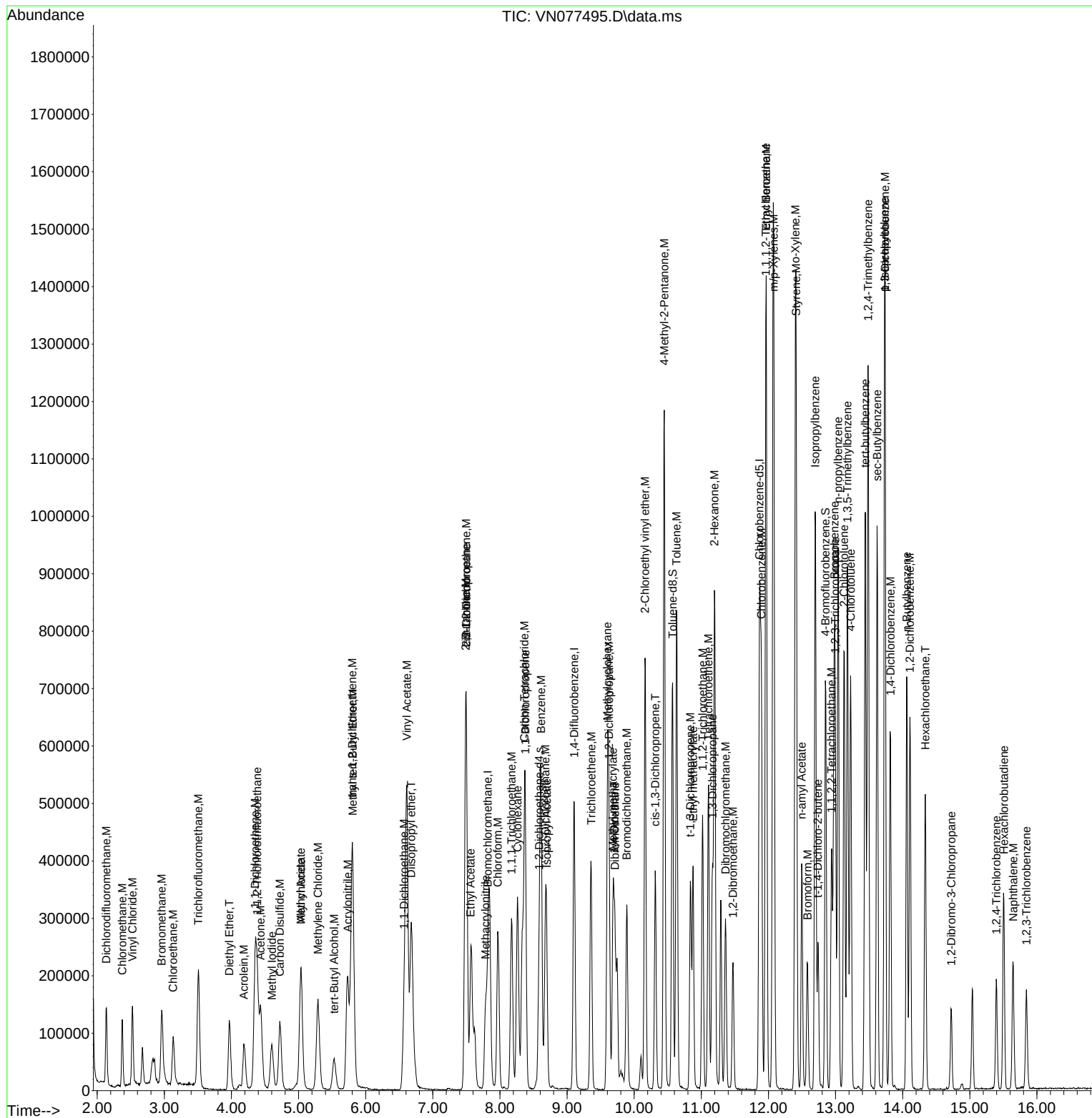
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.560	43	130264	14.923	ug/l #	85
44) Isopropyl Acetate	8.696	43	242237	15.499	ug/l #	100
45) 1,4-Dioxane	9.701	88	52776	320.189	ug/l	94
46) Methyl methacrylate	9.684	41	110014	16.349	ug/l	94
47) n-amyl Acetate	12.495	43	188531	13.804	ug/l	91
48) t-1,3-Dichloropropene	10.837	75	217440	17.646	ug/l	96
49) cis-1,3-Dichloropropene	10.313	75	235002	17.927	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	157791	19.674	ug/l	99
51) Ethyl methacrylate	10.878	69	213648	17.346	ug/l	95
52) 1,3-Dichloropropane	11.166	76	252439	18.859	ug/l	99
53) Dibromochloromethane	11.360	129	162053	19.171	ug/l	99
54) 1,2-Dibromoethane	11.472	107	157962	19.619	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	362294	95.274	ug/l	98
56) Bromoform	12.584	173	100489	17.697	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	707001	76.477	ug/l	95
59) 2-Hexanone	11.195	43	510323	71.416	ug/l	95
61) Tetrachloroethene	11.107	164	113141	19.266	ug/l	91
62) Toluene	10.631	91	662664	19.236	ug/l	99
64) Chlorobenzene	11.895	112	400326	19.127	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.960	131	148888	19.345	ug/l	98
66) Ethyl Benzene	11.966	91	718123	18.816	ug/l	99
67) m/p-Xylenes	12.078	106	561194	37.513	ug/l	99
68) o-Xylene	12.401	106	275605	18.415	ug/l	95
69) Styrene	12.413	104	434552	18.123	ug/l	98
70) Isopropylbenzene	12.695	105	713370	18.782	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.936	83	212827	18.298	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	260597	32.960	ug/l	42
73) Bromobenzene	12.984	156	154081	19.967	ug/l	91
74) n-propylbenzene	13.036	91	790607	18.813	ug/l	100
75) 2-Chlorotoluene	13.125	91	489931	19.461	ug/l	99
76) 1,3,5-Trimethylbenzene	13.178	105	544244	17.605	ug/l	98
77) t-1,4-Dichloro-2-butene	12.736	75	58793	14.599	ug/l	87
78) 4-Chlorotoluene	13.225	91	462839	19.457	ug/l	98
79) tert-butylbenzene	13.442	119	526053	19.553	ug/l	98
80) 1,2,4-Trimethylbenzene	13.483	105	497009	16.493	ug/l	99
81) sec-Butylbenzene	13.619	105	711999	18.530	ug/l	99
82) p-Isopropyltoluene	13.731	119	546347	17.748	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	272208	18.605	ug/l	98
84) 1,4-Dichlorobenzene	13.819	146	262510	18.493	ug/l	99
85) n-Butylbenzene	14.060	91	415472	16.333	ug/l	99
86) Hexachloroethane	14.336	117	112756	17.219	ug/l	99
87) 1,2-Dichlorobenzene	14.107	146	276159	19.263	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.725	75	37356	16.760	ug/l	93
89) 1,2,4-Trichlorobenzene	15.395	180	57503	10.197	ug/l	98
90) Hexachlorobutadiene	15.507	225	58460	20.213	ug/l	94
91) Naphthalene	15.648	128	208885	9.696	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	55106	10.015	ug/l	97

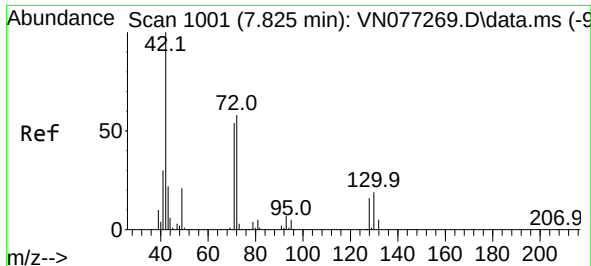
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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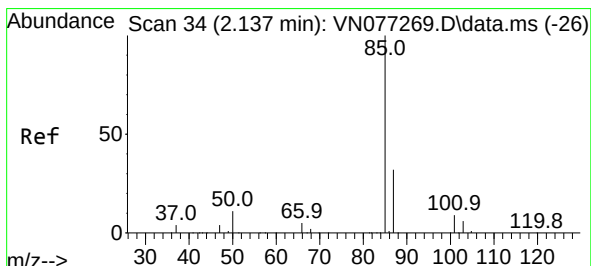
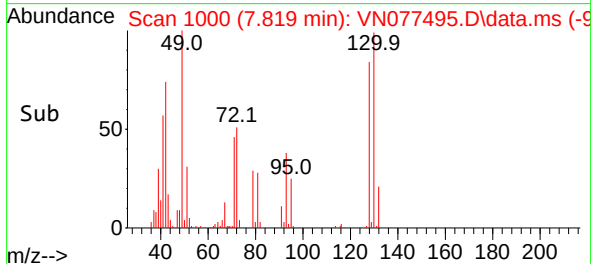
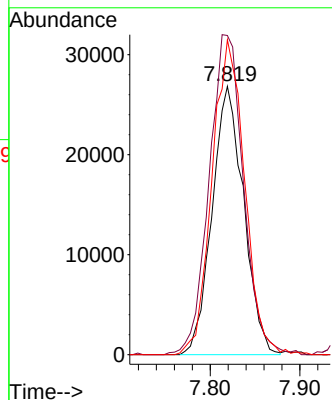
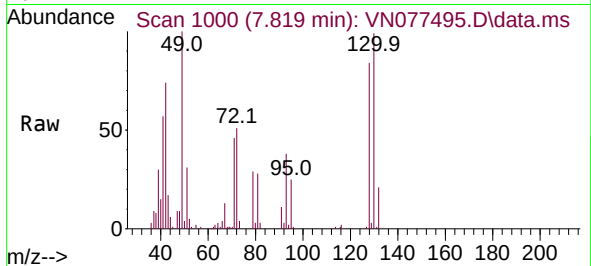




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
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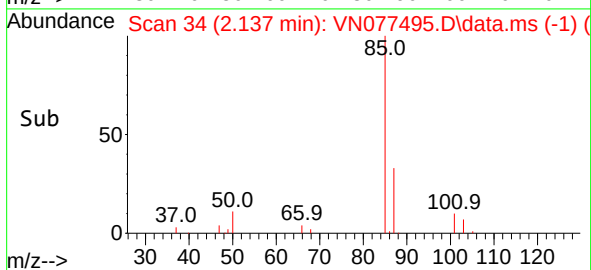
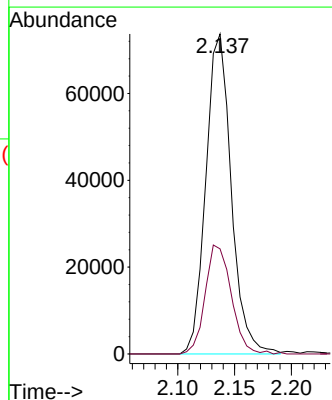
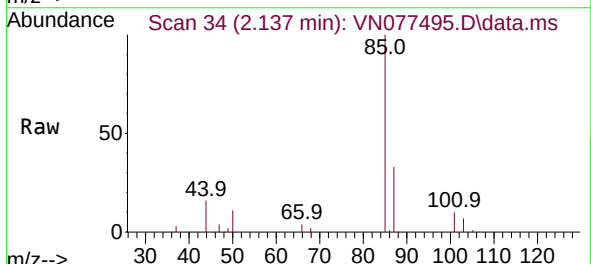
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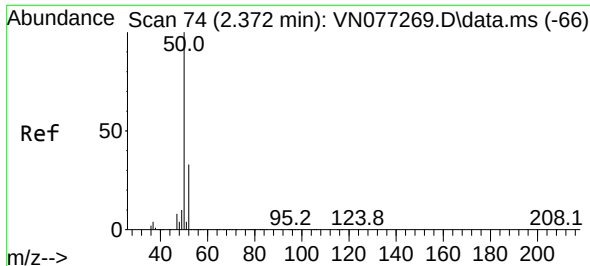
Tgt Ion:128 Resp: 65502
Ion Ratio Lower Upper
128 100
49 129.8 0.0 379.5
130 120.9 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 18.418 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 85 Resp: 114689
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6

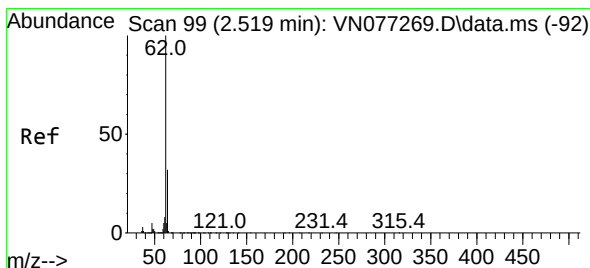
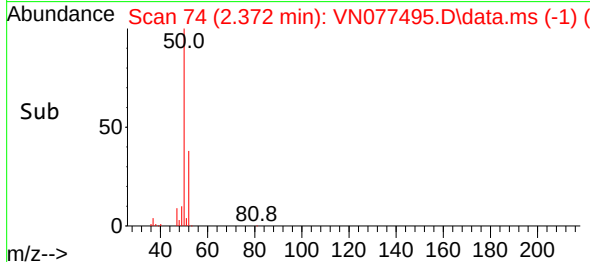
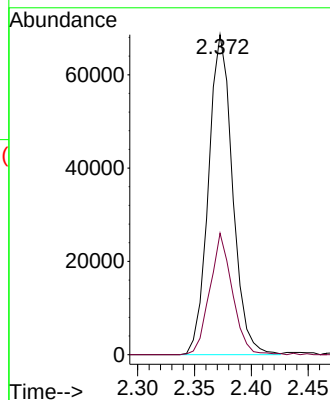
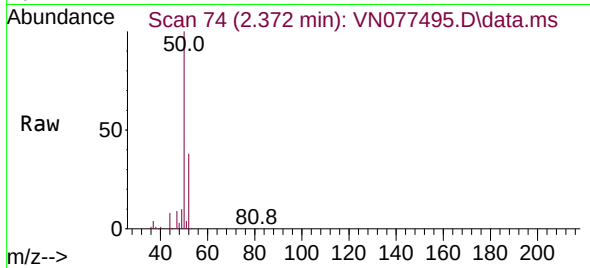




#3
Chloromethane
Concen: 12.239 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

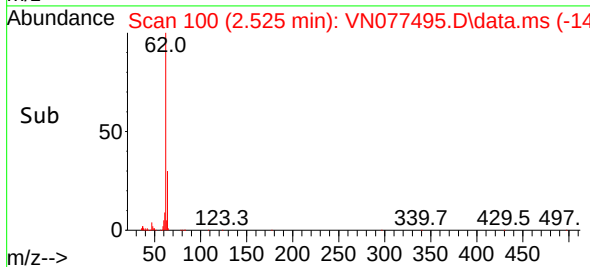
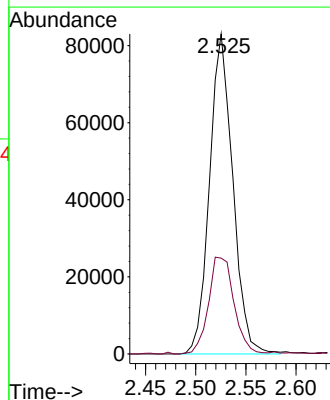
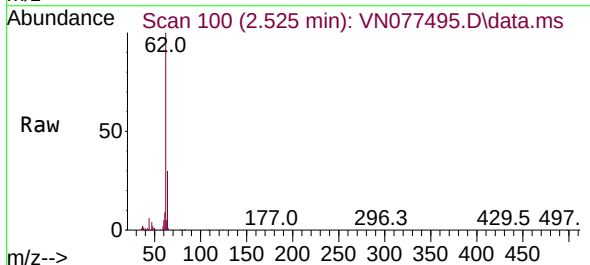
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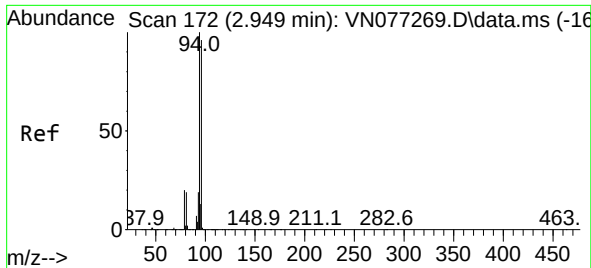
Tgt Ion: 50 Resp: 101250
Ion Ratio Lower Upper
50 100
52 37.9 26.4 39.6



#4
Vinyl Chloride
Concen: 11.284 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 62 Resp: 133713
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0

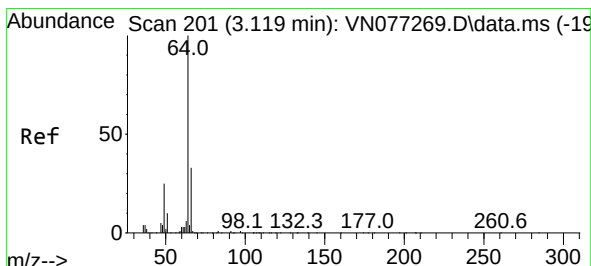
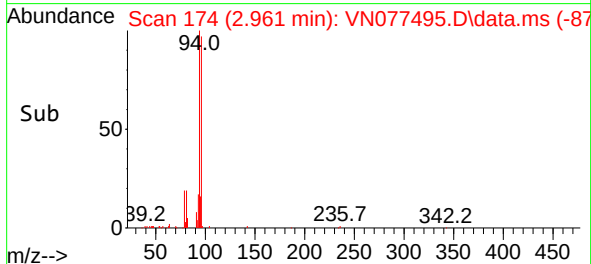
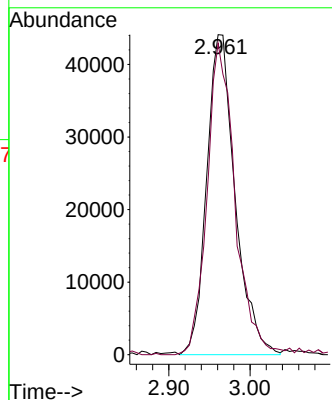
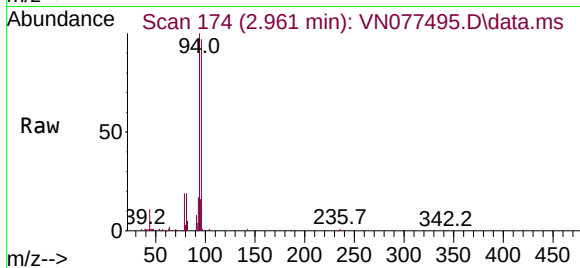




#5
Bromomethane
Concen: 12.039 ug/l
RT: 2.961 min Scan# 11
Delta R.T. 0.012 min
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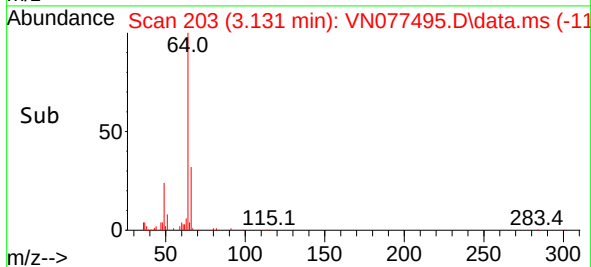
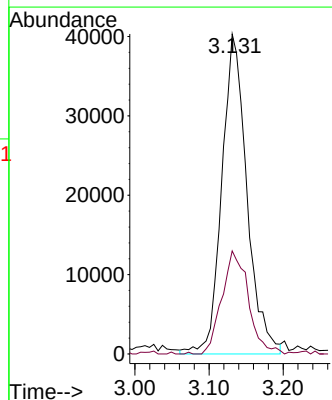
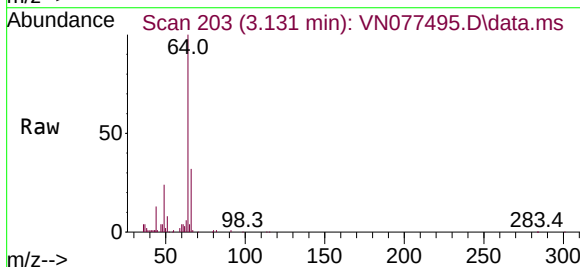
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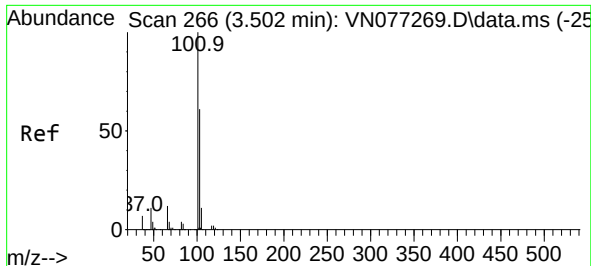
Tgt Ion: 94 Resp: 107495
Ion Ratio Lower Upper
94 100
96 96.8 77.0 115.6



#6
Chloroethane
Concen: 11.935 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077495.D
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Tgt Ion: 64 Resp: 94795
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5

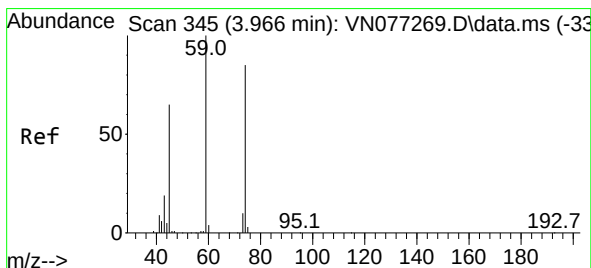
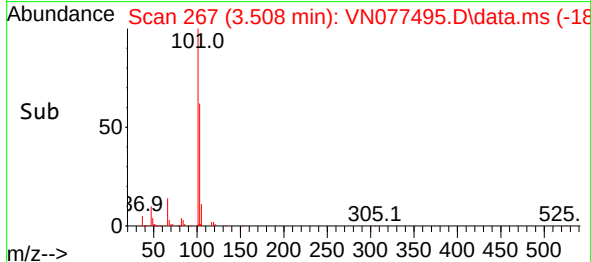
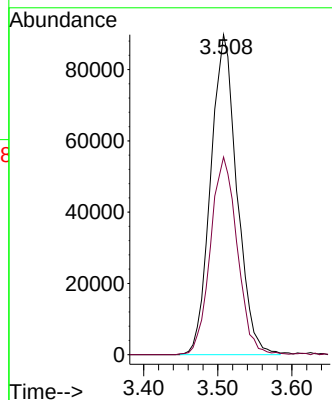
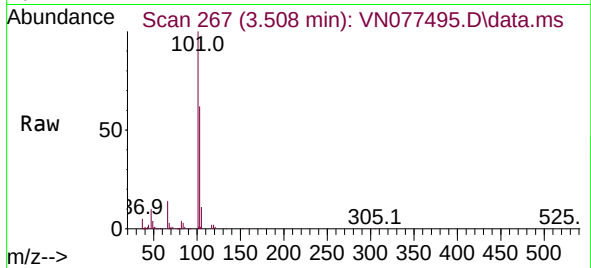




#7
Trichlorofluoromethane
Concen: 20.030 ug/l
RT: 3.508 min Scan# 210
Delta R.T. 0.006 min
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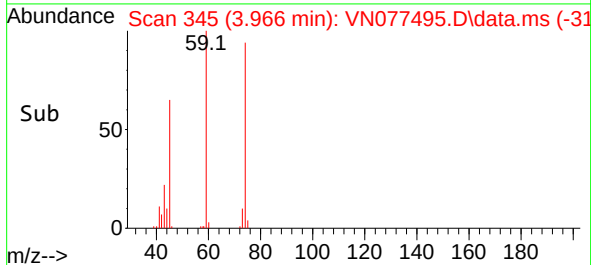
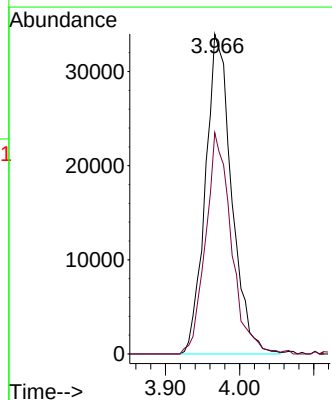
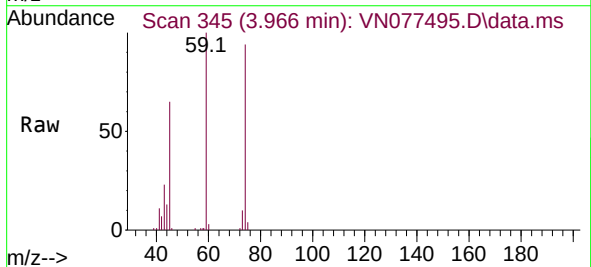
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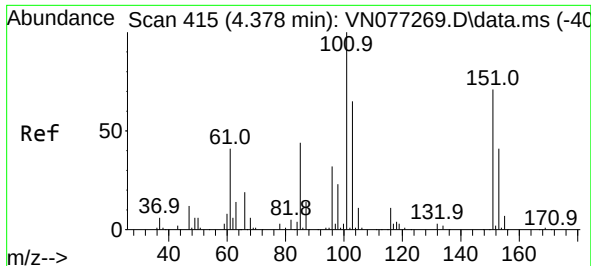
Tgt Ion:101 Resp: 221002
Ion Ratio Lower Upper
101 100
103 61.5 48.9 73.3



#8
Diethyl Ether
Concen: 17.797 ug/l
RT: 3.966 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 74 Resp: 83697
Ion Ratio Lower Upper
74 100
45 67.8 14.8 133.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.141 ug/l

RT: 4.384 min Scan# 415

Delta R.T. 0.006 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

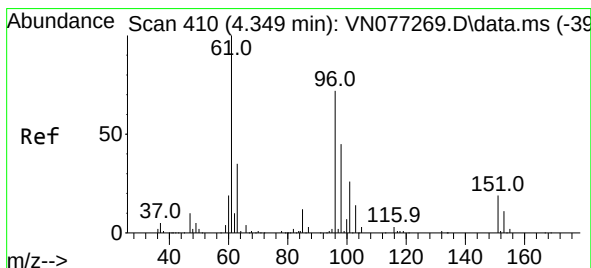
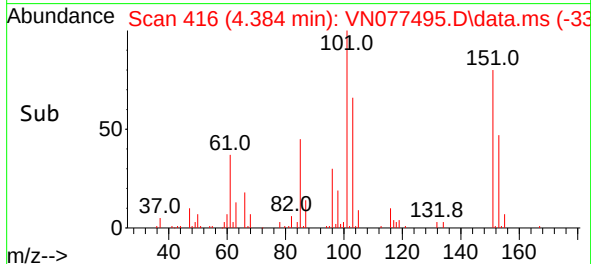
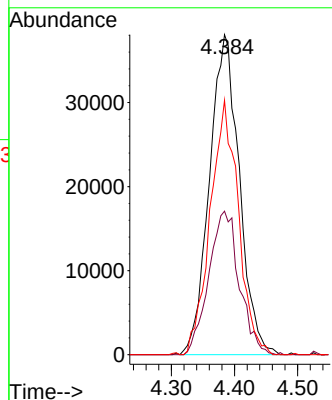
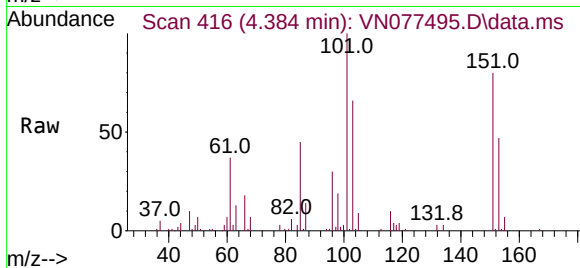
Tgt Ion:101 Resp: 125166

Ion Ratio Lower Upper

101 100

85 45.9 0.0 89.6

151 74.7 0.0 141.6



#10

1,1-Dichloroethene

Concen: 17.289 ug/l

RT: 4.349 min Scan# 410

Delta R.T. -0.000 min

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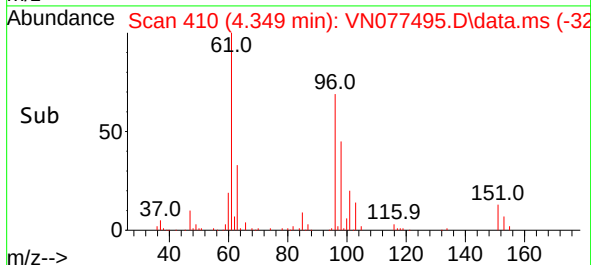
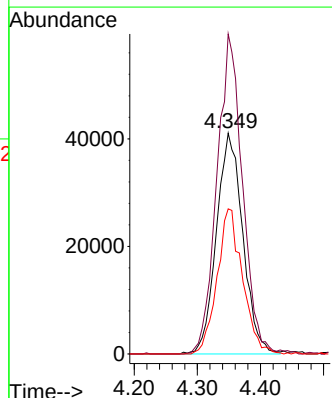
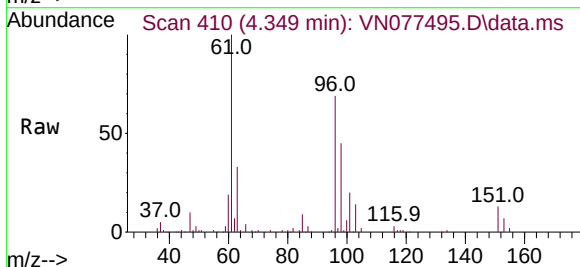
Tgt Ion: 96 Resp: 119333

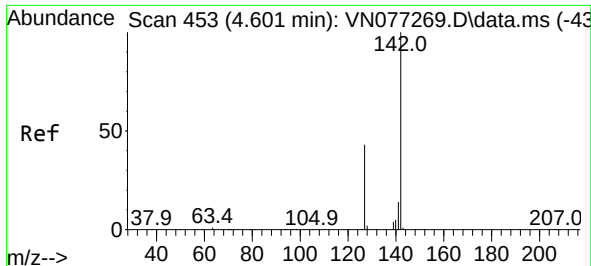
Ion Ratio Lower Upper

96 100

61 145.0 110.7 166.1

98 65.7 49.6 74.4

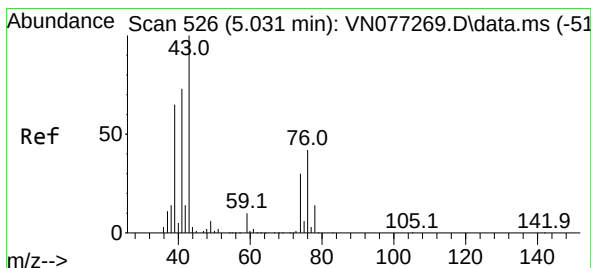
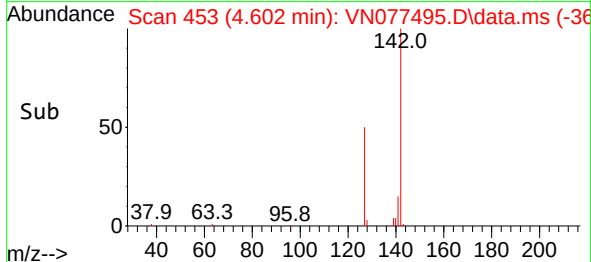
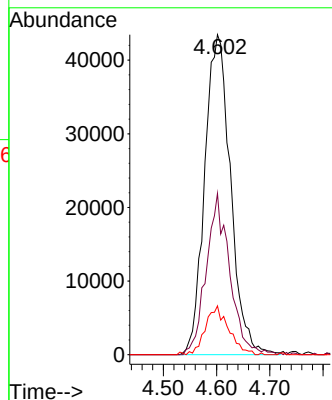
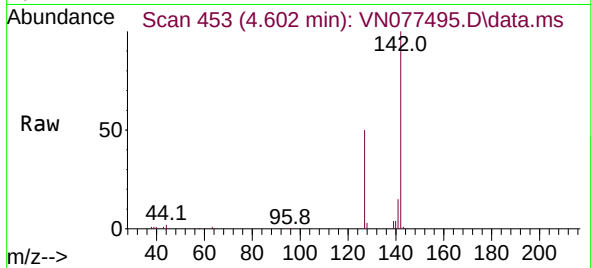




#11
Methyl Iodide
Concen: 18.798 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.001 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

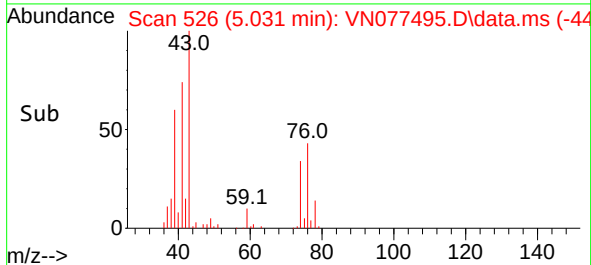
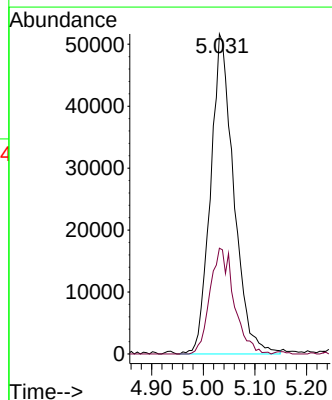
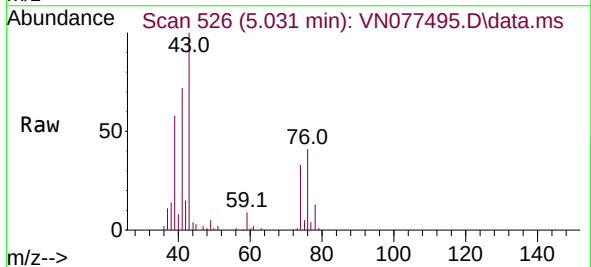
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

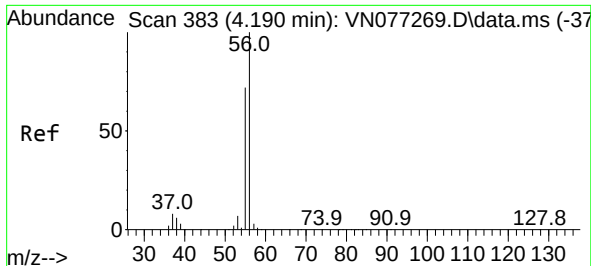
Tgt Ion:142 Resp: 146582
Ion Ratio Lower Upper
142 100
127 50.3 21.3 63.7
141 14.7 7.0 20.9



#12
Methyl Acetate
Concen: 15.662 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 43 Resp: 161059
Ion Ratio Lower Upper
43 100
74 32.9 24.2 36.2

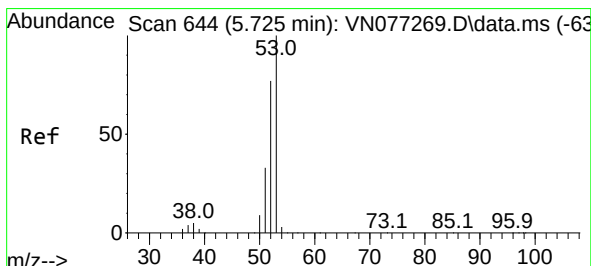
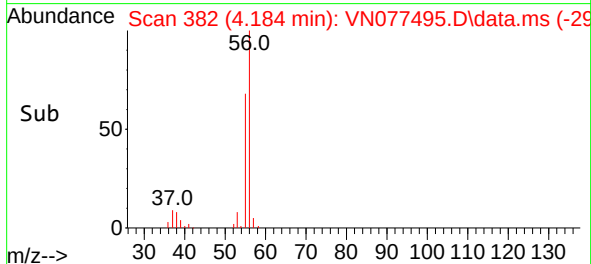
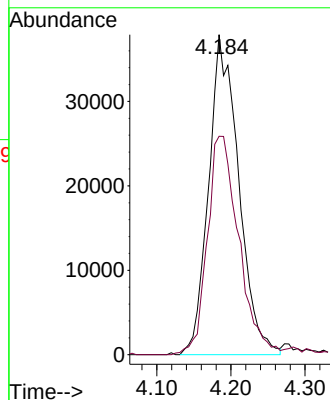
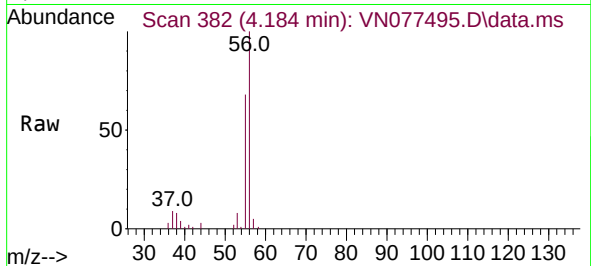




#13
Acrolein
Concen: 83.519 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

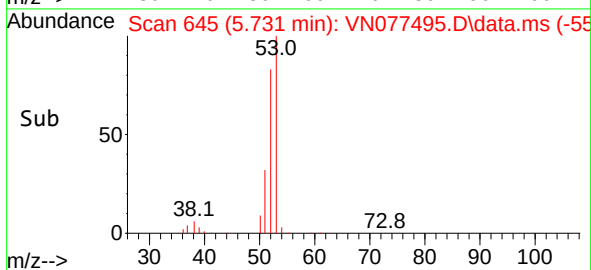
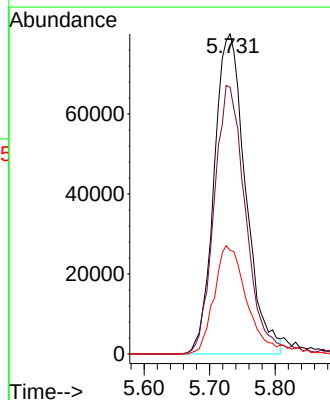
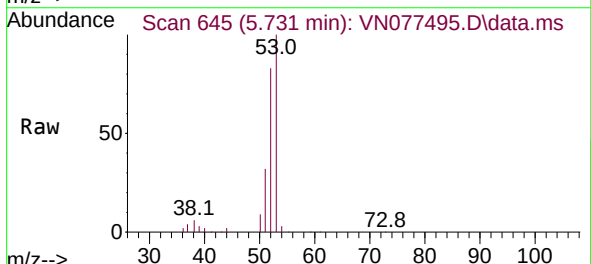
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

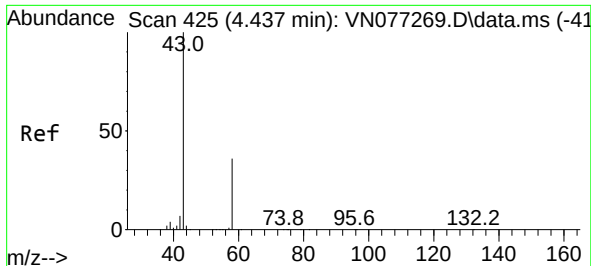
Tgt Ion: 56 Resp: 106605
Ion Ratio Lower Upper
56 100
55 71.3 55.2 82.8



#14
Acrylonitrile
Concen: 75.820 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 53 Resp: 266510
Ion Ratio Lower Upper
53 100
52 83.6 41.0 123.0
51 34.5 17.7 53.1





#15

Acetone

Concen: 65.090 ug/l

RT: 4.431 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

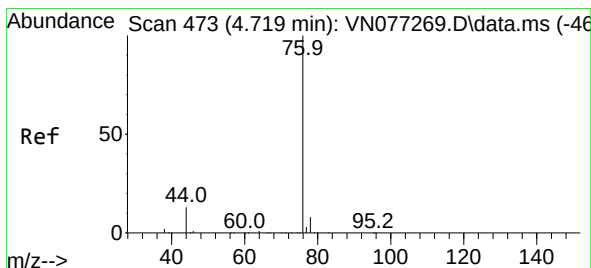
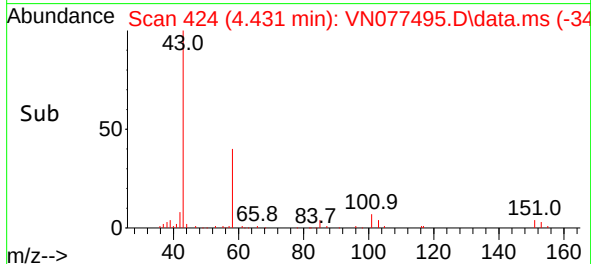
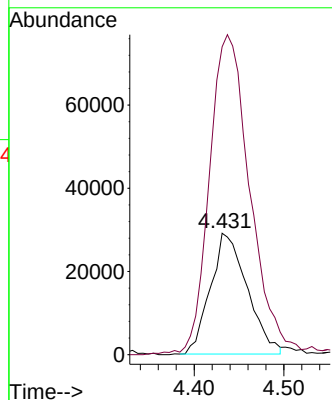
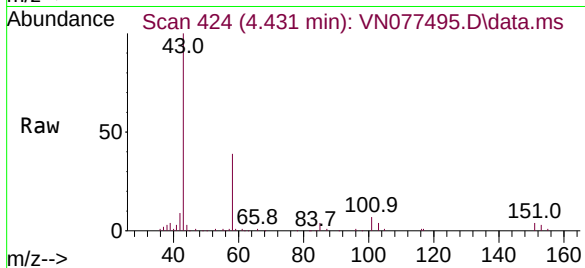
VSTDCCC020

Tgt Ion: 58 Resp: 83003

Ion Ratio Lower Upper

58 100

43 252.9 220.9 331.3



#16

Carbon Disulfide

Concen: 14.659 ug/l

RT: 4.719 min Scan# 473

Delta R.T. 0.000 min

Lab File: VN077495.D

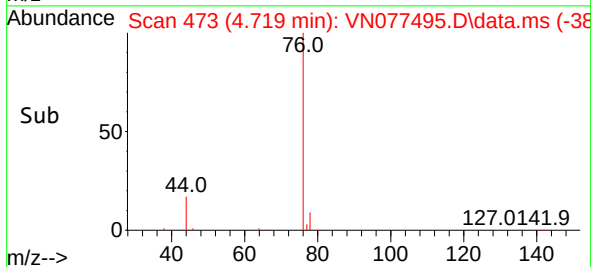
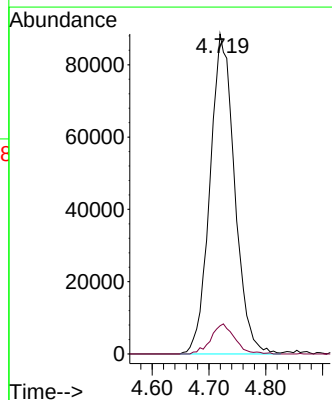
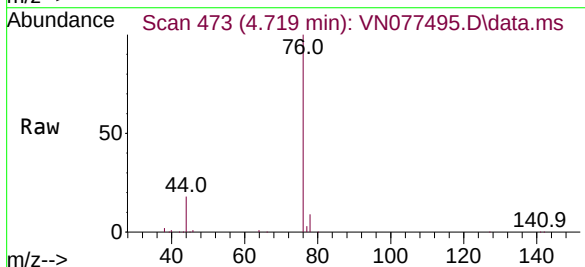
Acq: 28 Apr 2023 10:36

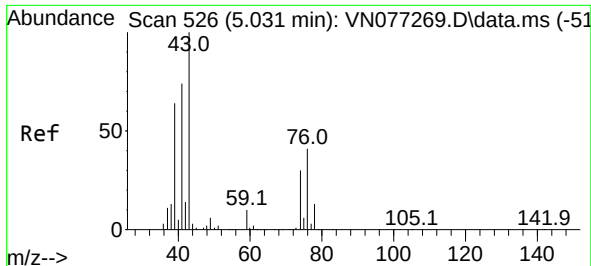
Tgt Ion: 76 Resp: 267053

Ion Ratio Lower Upper

76 100

78 8.8 6.3 9.5

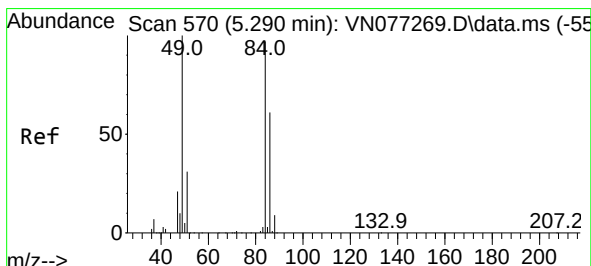
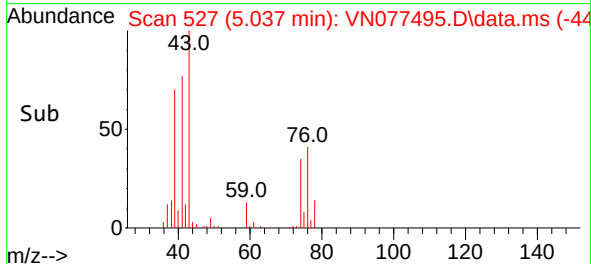
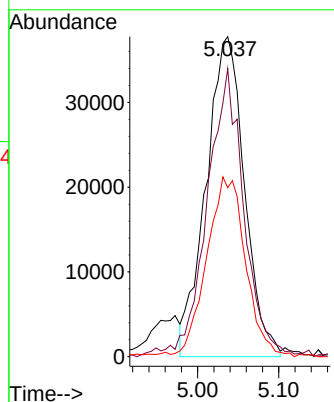
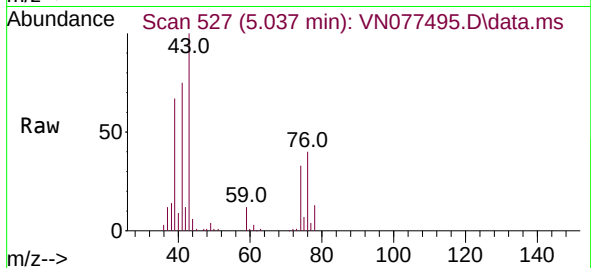




#17
 Allyl chloride
 Concen: 13.987 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077495.D
 Acq: 28 Apr 2023 10:36

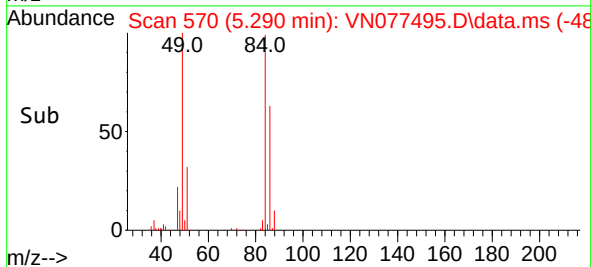
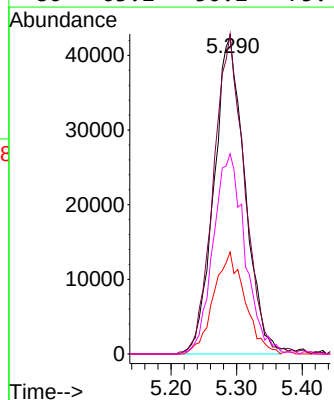
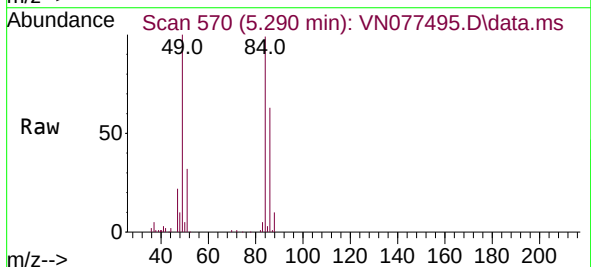
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

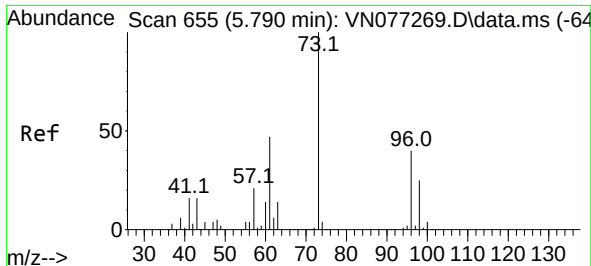
Tgt Ion: 41 Resp: 124278
 Ion Ratio Lower Upper
 41 100
 39 88.4 40.3 120.9
 76 52.3 25.3 75.8



#18
 Methylene Chloride
 Concen: 17.325 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077495.D
 Acq: 28 Apr 2023 10:36

Tgt Ion: 84 Resp: 138867
 Ion Ratio Lower Upper
 84 100
 49 100.4 82.7 124.1
 51 32.2 25.6 38.4
 86 63.2 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 17.385 ug/l

RT: 5.802 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

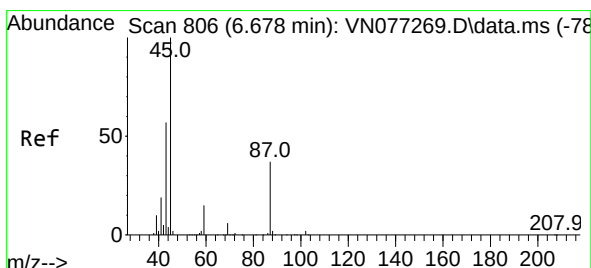
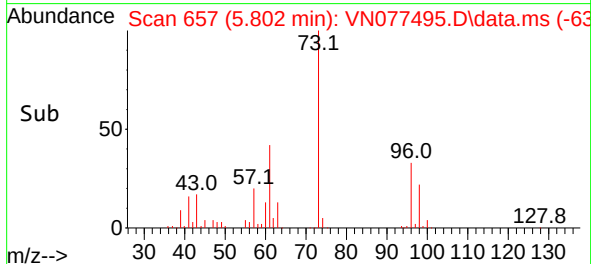
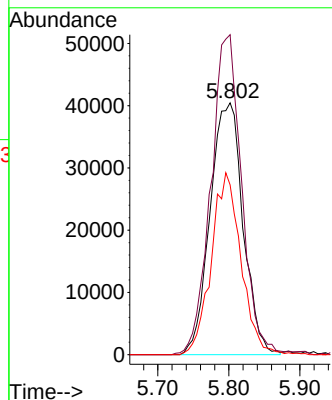
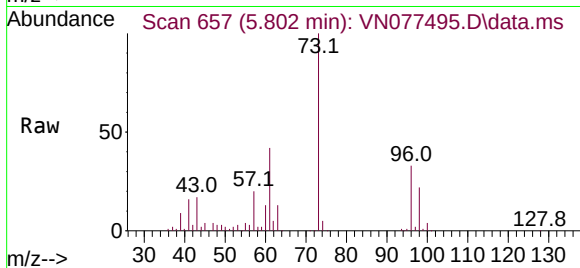
Tgt Ion: 96 Resp: 130470

Ion Ratio Lower Upper

96 100

61 126.3 94.5 141.7

98 67.4 49.8 74.8



#20

Diisopropyl ether

Concen: 15.258 ug/l

RT: 6.678 min Scan# 806

Delta R.T. 0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Tgt Ion: 45 Resp: 323107

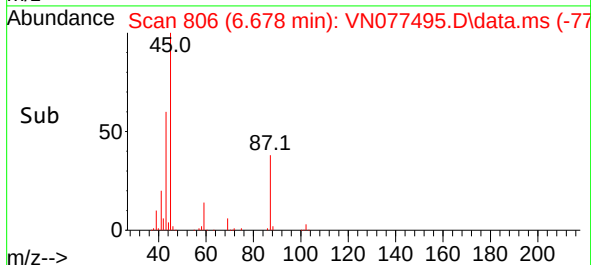
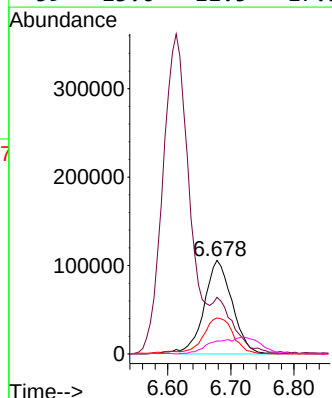
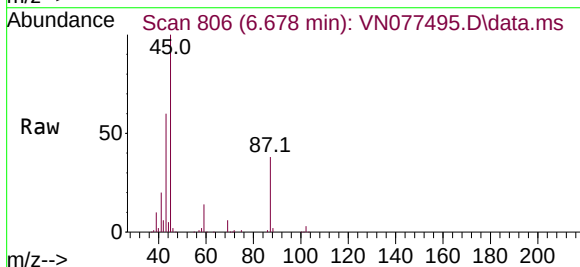
Ion Ratio Lower Upper

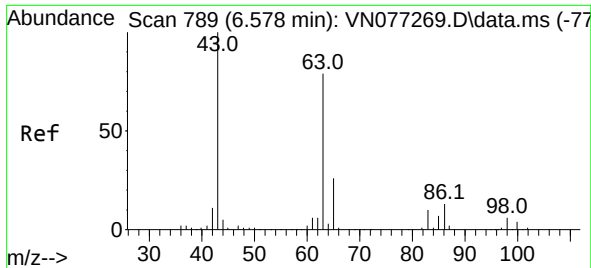
45 100

43 58.1 45.9 68.9

87 38.6 30.1 45.1

59 13.6 11.5 17.3

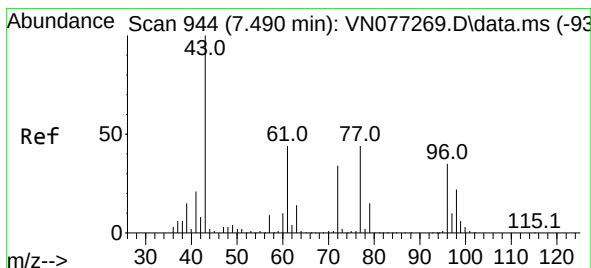
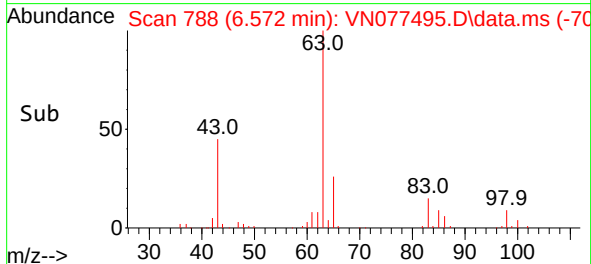
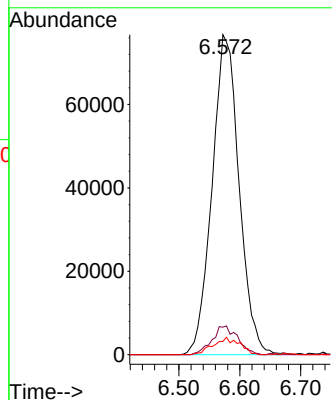
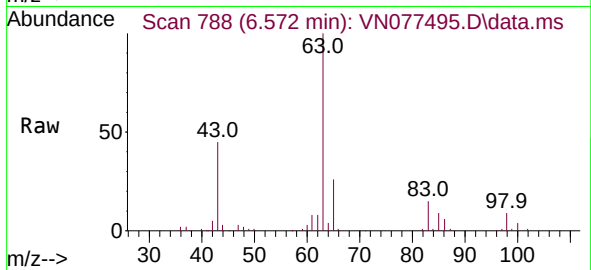




#21
1,1-Dichloroethane
Concen: 17.594 ug/l
RT: 6.572 min Scan# 718
Delta R.T. -0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

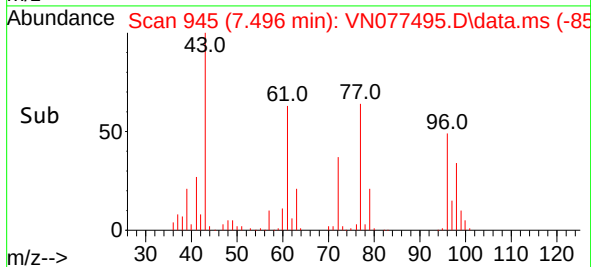
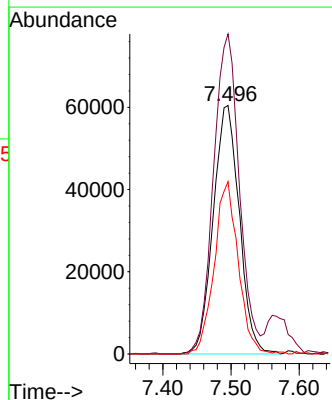
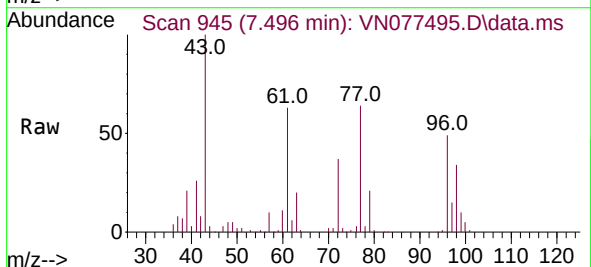
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

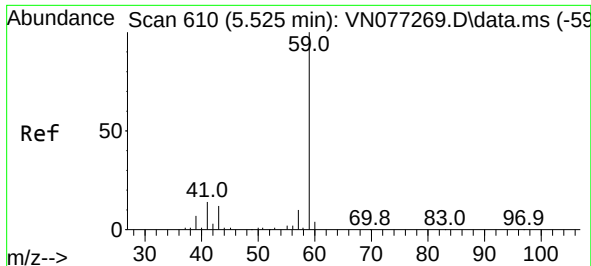
Tgt Ion: 63 Resp: 236156
Ion Ratio Lower Upper
63 100
98 8.6 3.9 11.7
100 4.1 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 17.611 ug/l
RT: 7.496 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 96 Resp: 161119
Ion Ratio Lower Upper
96 100
61 127.6 105.5 158.3
98 63.5 51.8 77.6

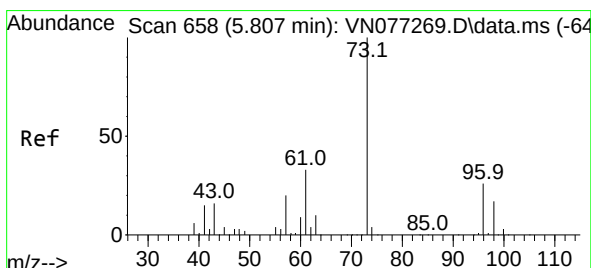
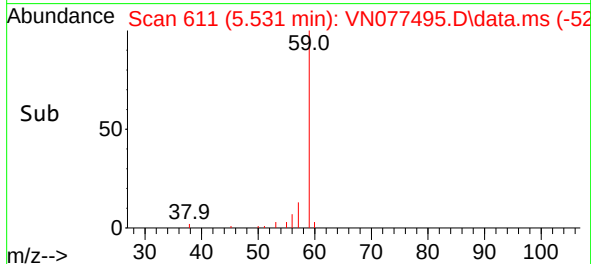
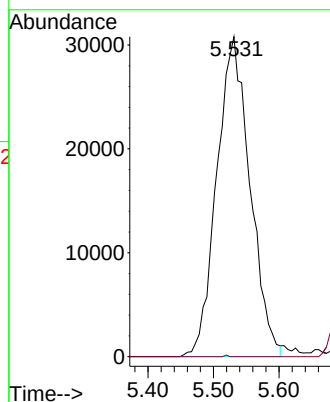
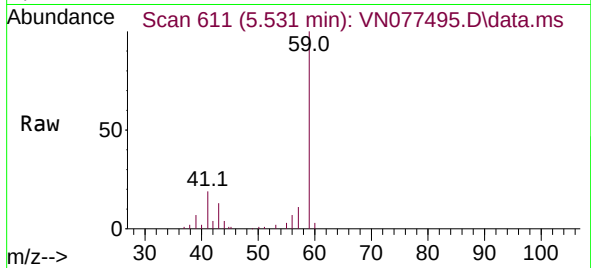




#23
tert-Butyl Alcohol
Concen: 69.305 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

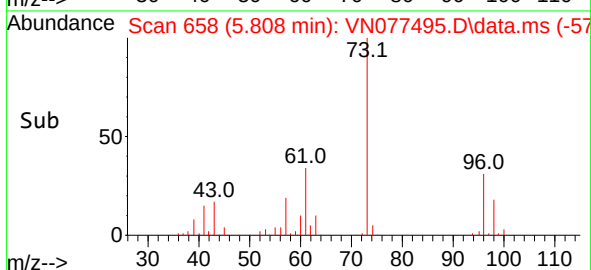
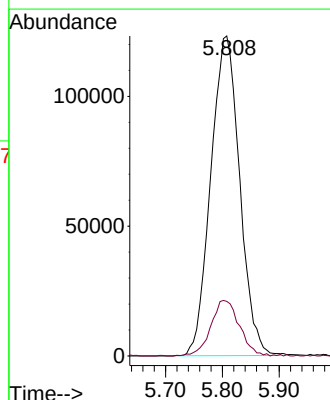
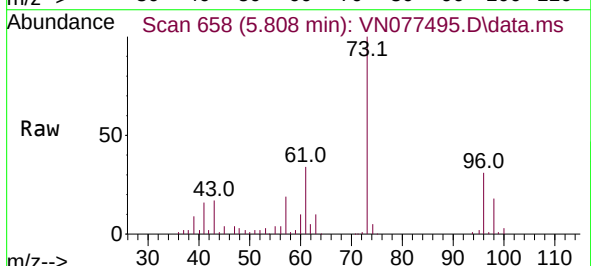
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

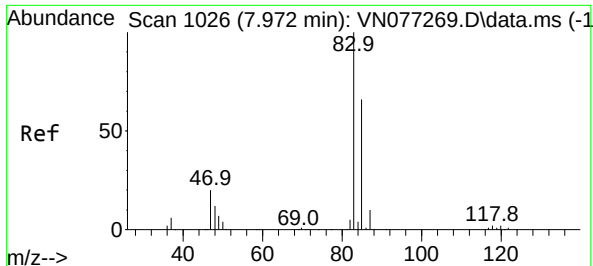
Tgt Ion: 59 Resp: 108320
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 17.514 ug/l
RT: 5.808 min Scan# 658
Delta R.T. 0.001 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 73 Resp: 435191
Ion Ratio Lower Upper
73 100
43 17.2 13.5 20.3





#25

Chloroform

Concen: 18.658 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

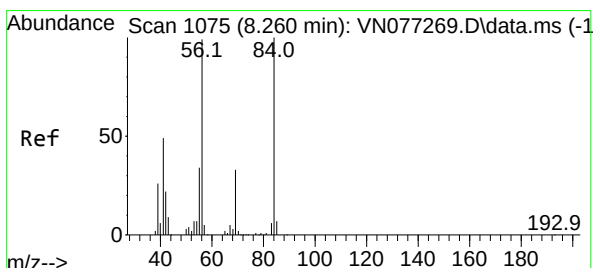
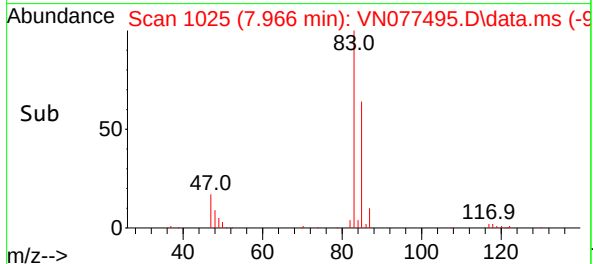
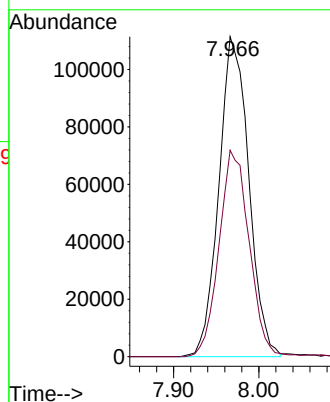
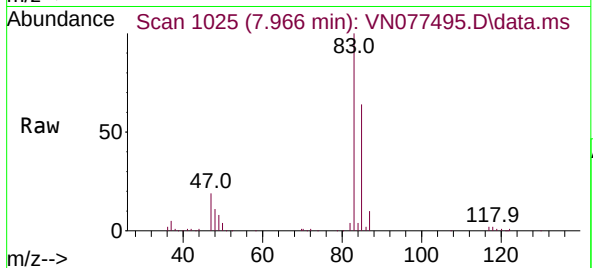
VSTDCCC020

Tgt Ion: 83 Resp: 271407

Ion Ratio Lower Upper

83 100

85 64.5 52.9 79.3



#26

Cyclohexane

Concen: 15.239 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

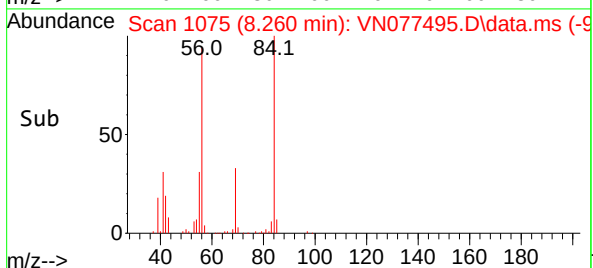
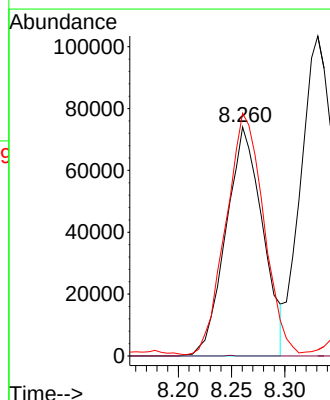
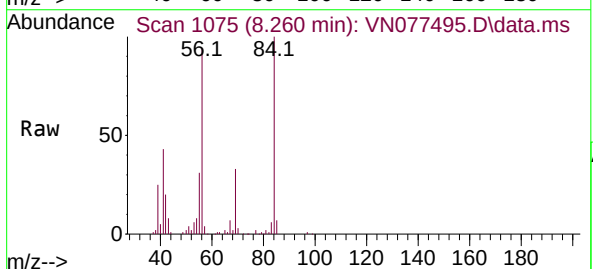
Tgt Ion: 56 Resp: 177732

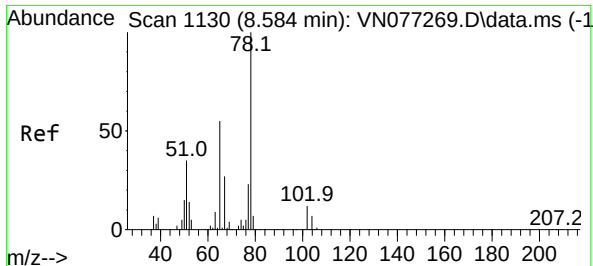
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 109.8 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.209 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

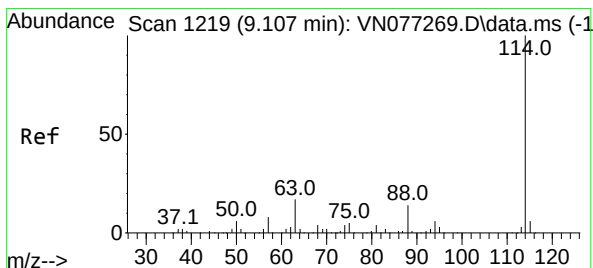
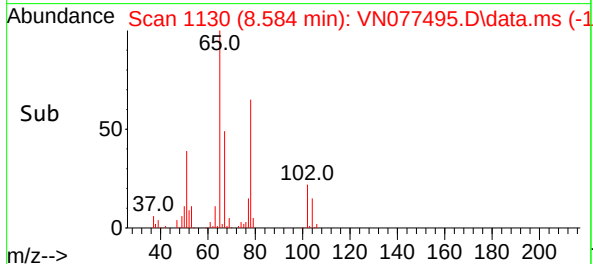
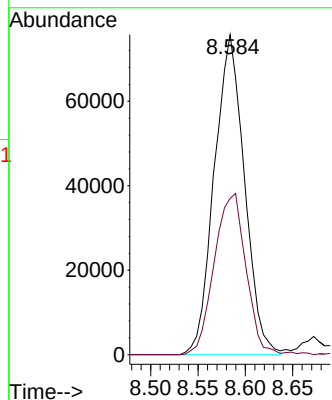
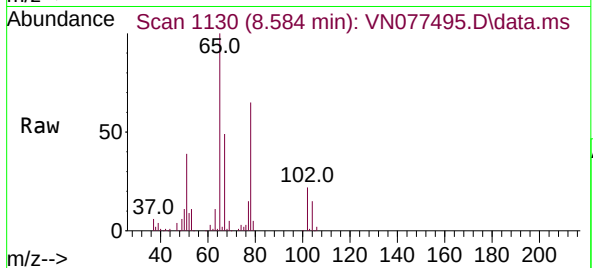
VSTDCCC020

Tgt Ion: 65 Resp: 167820

Ion Ratio Lower Upper

65 100

67 52.6 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

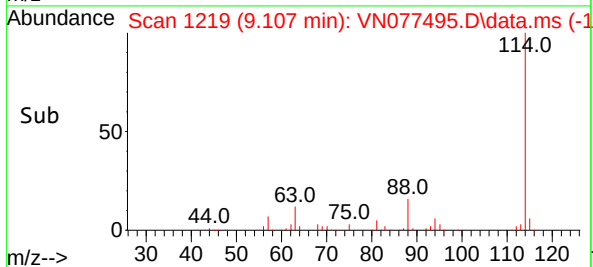
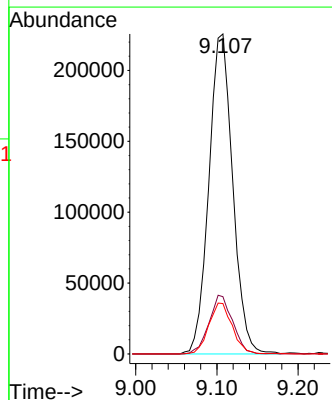
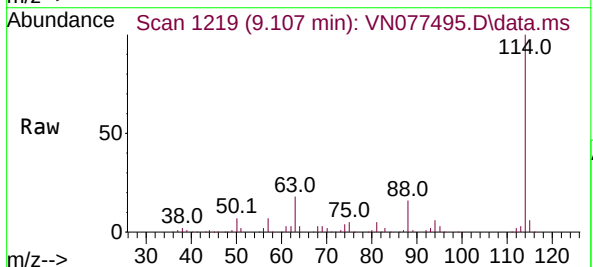
Tgt Ion: 114 Resp: 460560

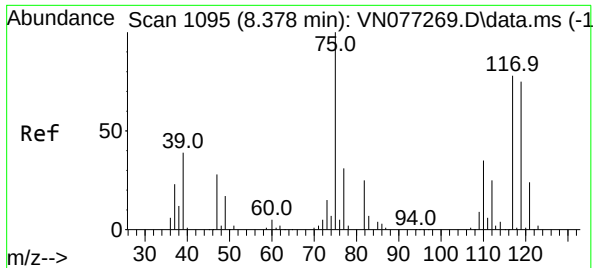
Ion Ratio Lower Upper

114 100

63 18.1 15.0 22.4

88 15.7 11.9 17.9

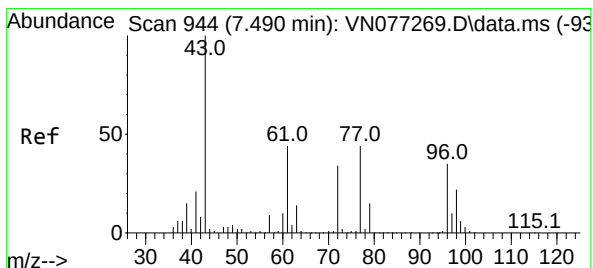
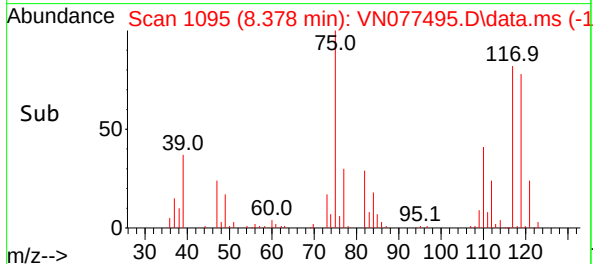
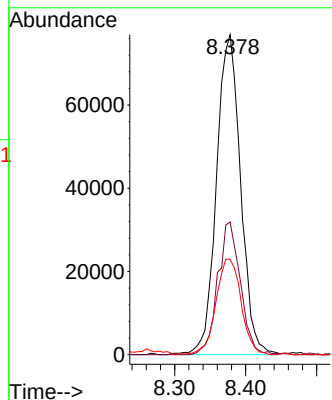
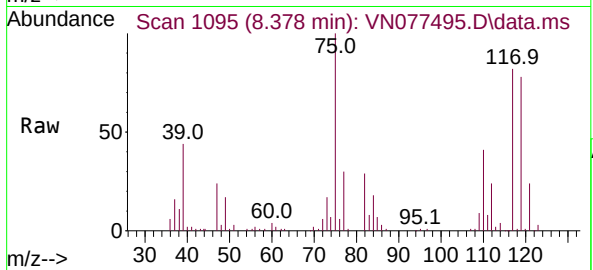




#29
1,1-Dichloropropene
Concen: 18.170 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

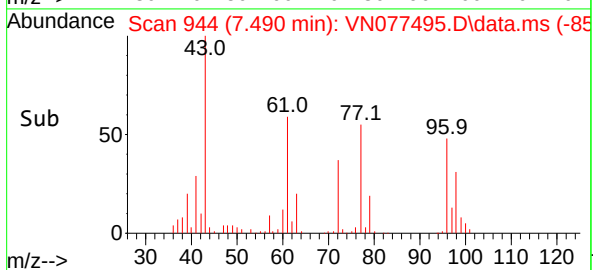
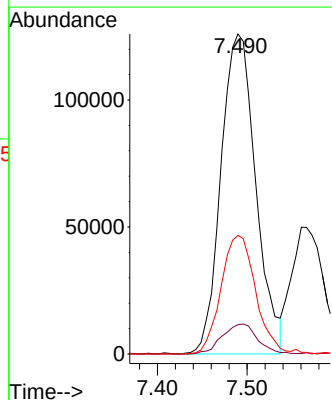
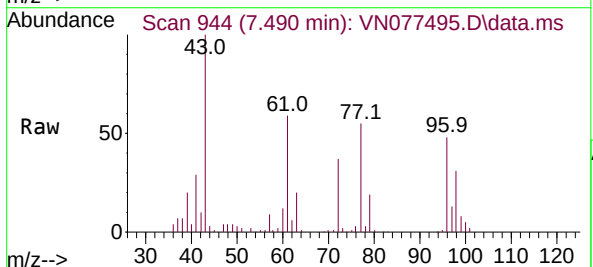
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

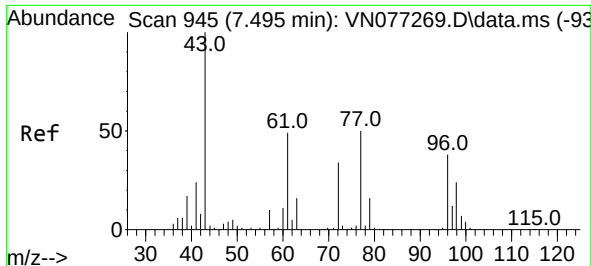
Tgt Ion: 75 Resp: 181283
Ion Ratio Lower Upper
75 100
110 38.7 0.0 72.4
77 31.2 0.0 61.4



#30
2-Butanone
Concen: 72.112 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 43 Resp: 340224
Ion Ratio Lower Upper
43 100
57 9.5 7.5 11.3
72 36.6 26.9 40.3





#31

2,2-Dichloropropane

Concen: 18.156 ug/l

RT: 7.496 min Scan# 945

Delta R.T. 0.001 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

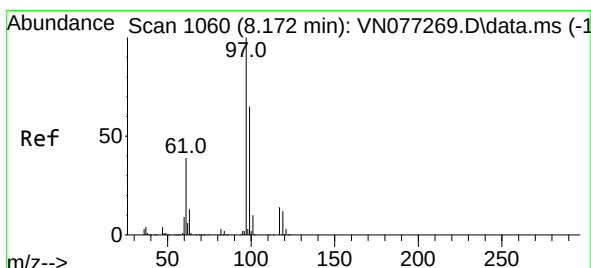
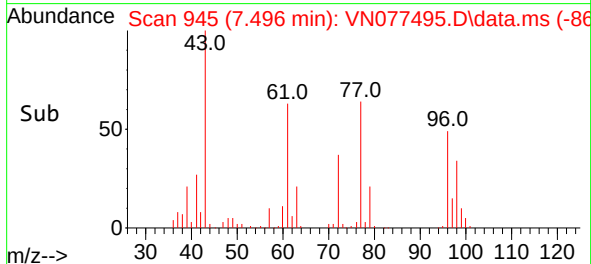
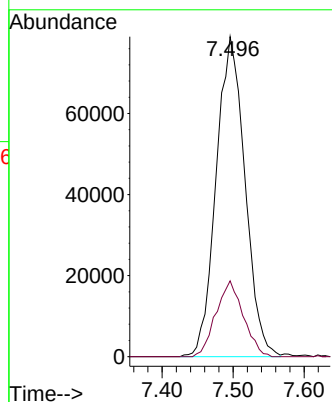
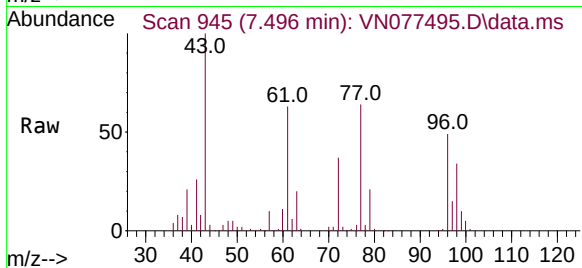
VSTDCCC020

Tgt Ion: 77 Resp: 222372

Ion Ratio Lower Upper

77 100

97 22.5 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 19.961 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

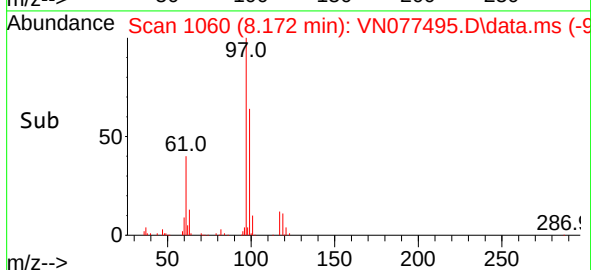
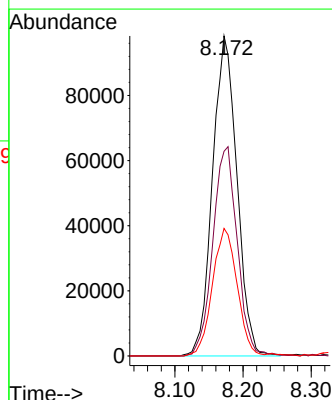
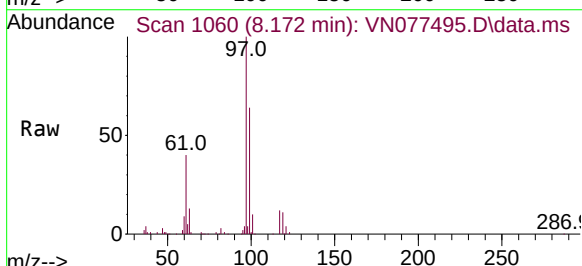
Tgt Ion: 97 Resp: 245092

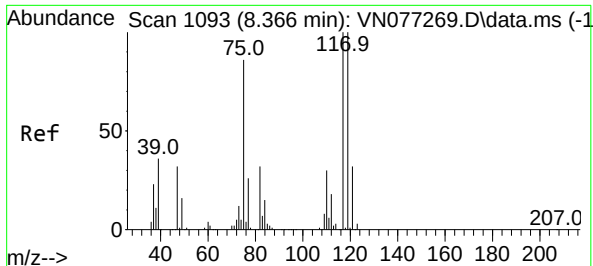
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 40.2 32.4 48.6

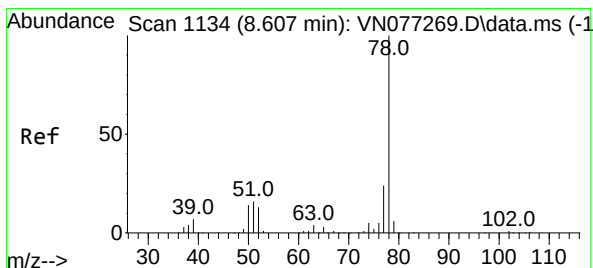
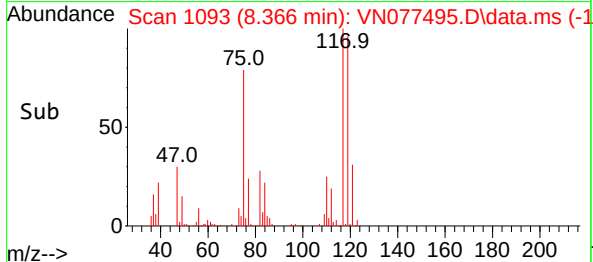
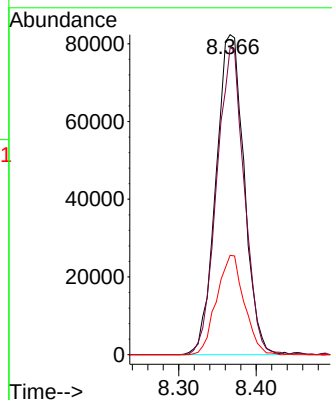
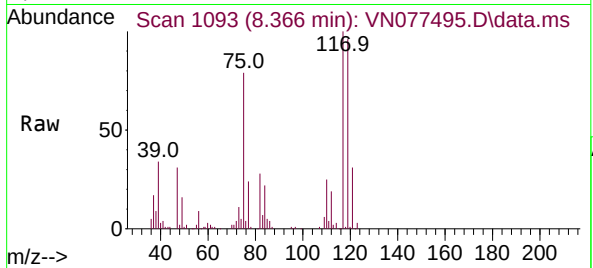




#33
Carbon Tetrachloride
Concen: 19.845 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

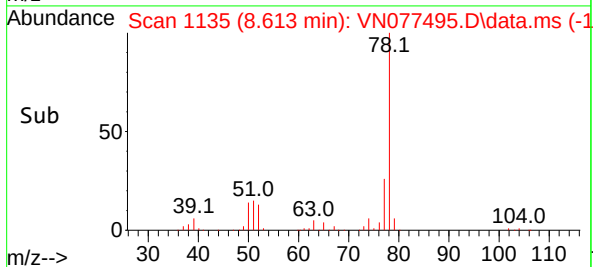
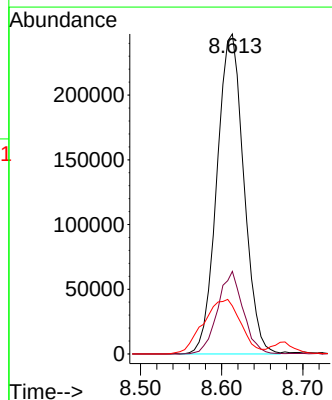
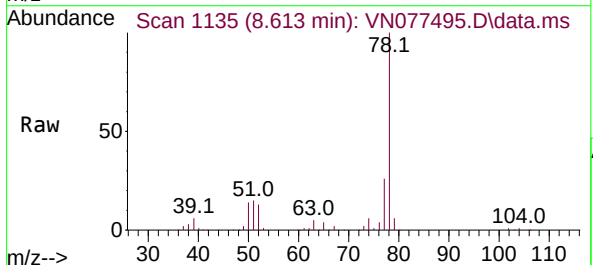
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

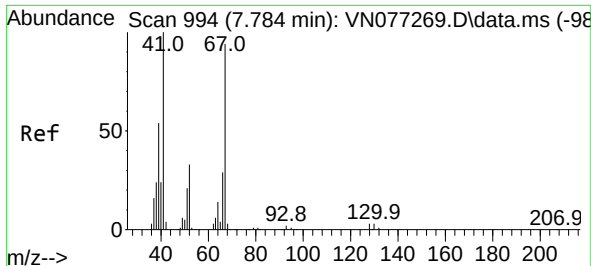
Tgt Ion:117 Resp: 207963
Ion Ratio Lower Upper
117 100
119 96.0 80.2 120.4
121 31.0 26.0 39.0



#34
Benzene
Concen: 18.472 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 78 Resp: 570233
Ion Ratio Lower Upper
78 100
77 25.8 19.4 29.0
51 14.3 12.6 19.0

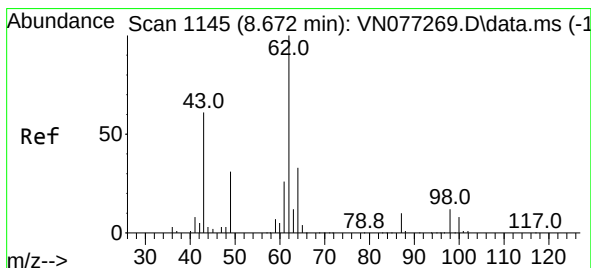
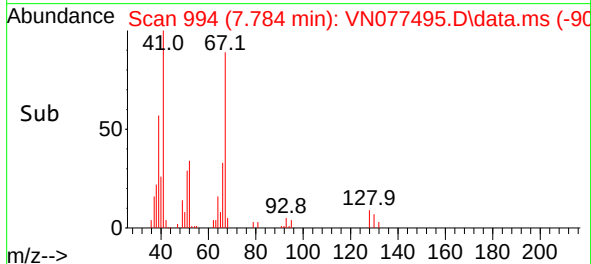
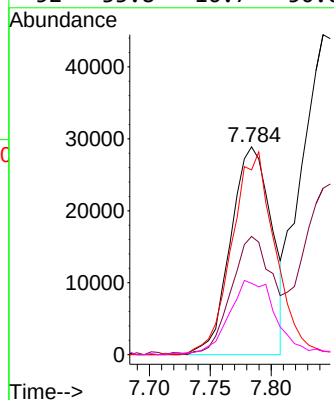
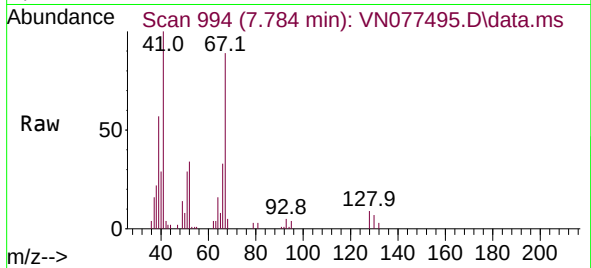




#35
Methacrylonitrile
Concen: 15.172 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

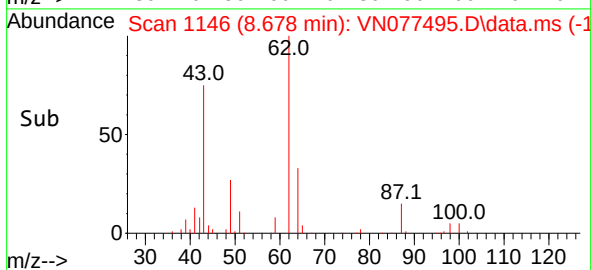
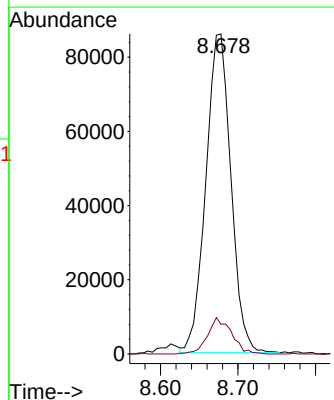
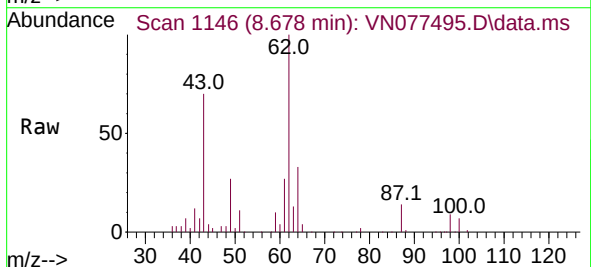
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

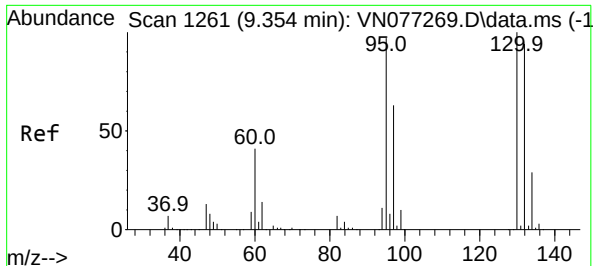
Tgt Ion:	41	Resp:	67431
Ion	Ratio	Lower	Upper
41	100		
39	56.0	27.1	81.2
67	88.9	46.8	140.4
52	33.8	16.7	50.0



#36
1,2-Dichloroethane
Concen: 20.002 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion:	62	Resp:	193593
Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.3	12.5

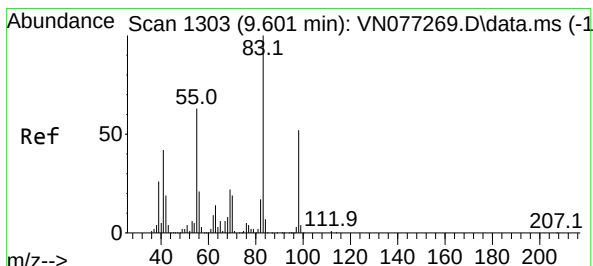
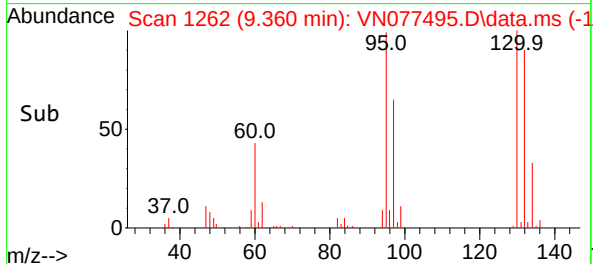
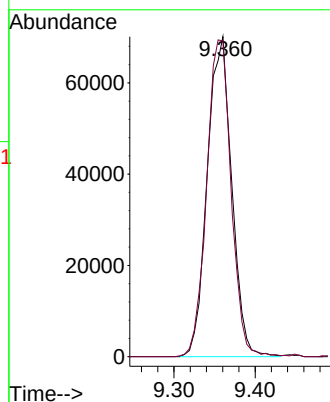
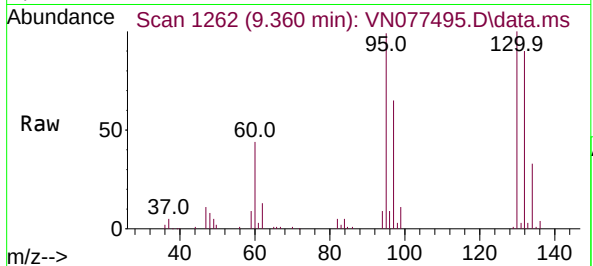




#37
Trichloroethene
Concen: 19.408 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

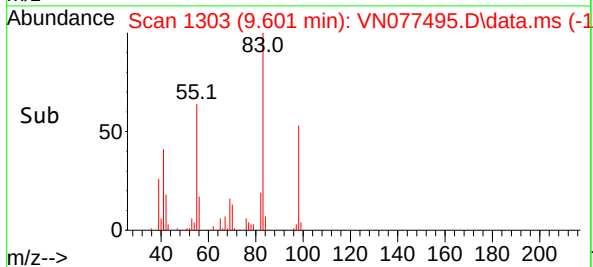
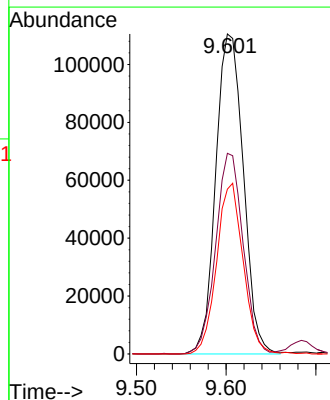
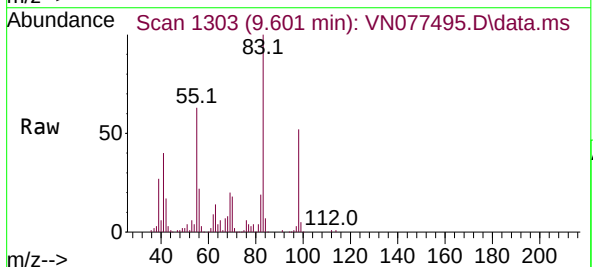
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

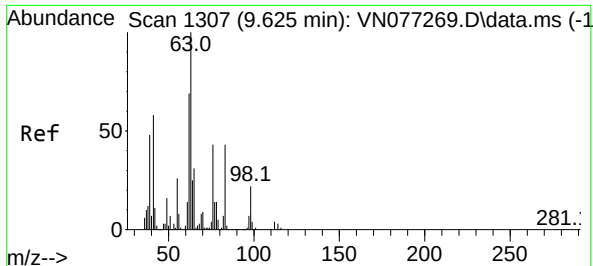
Tgt Ion:130 Resp: 146544
Ion Ratio Lower Upper
130 100
95 98.3 77.5 116.3



#38
Methylcyclohexane
Concen: 17.461 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 83 Resp: 236276
Ion Ratio Lower Upper
83 100
55 62.3 32.0 96.2
98 51.2 25.3 75.9





#39

1,2-Dichloropropane

Concen: 17.589 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

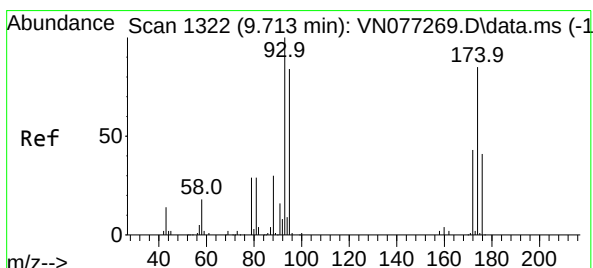
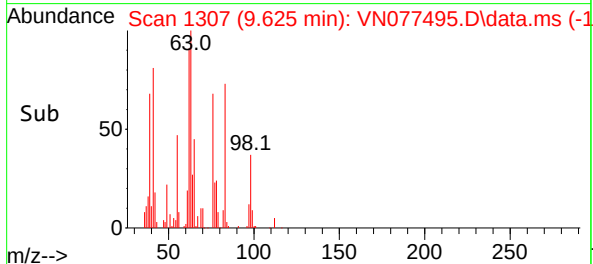
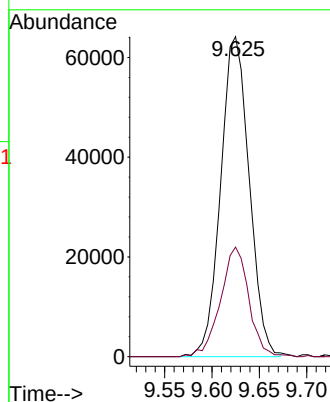
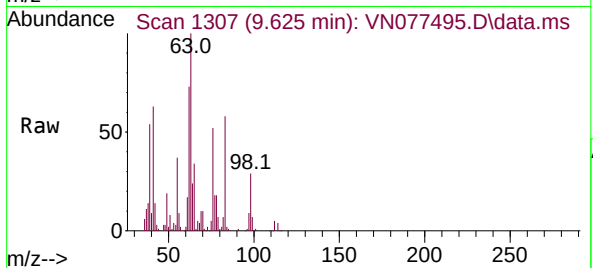
VSTDCCC020

Tgt Ion: 63 Resp: 134791

Ion Ratio Lower Upper

63 100

65 34.3 24.8 37.2



#40

Dibromomethane

Concen: 19.699 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

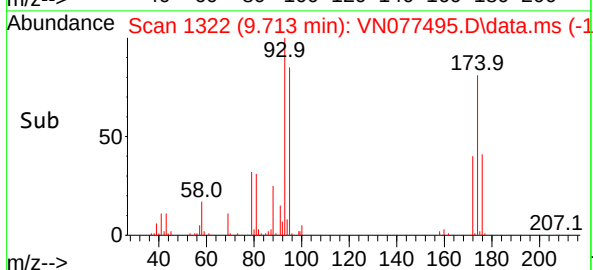
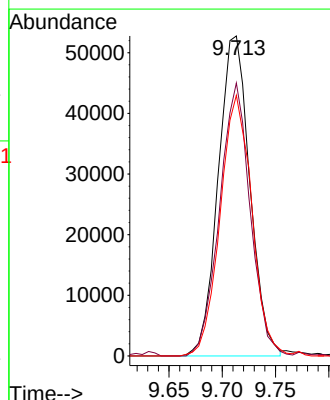
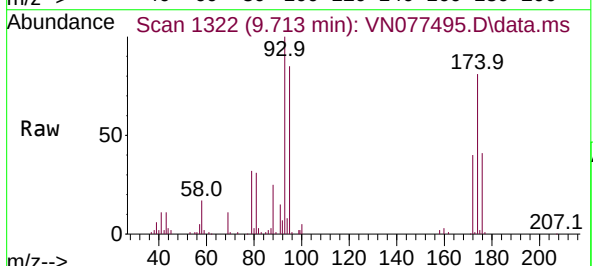
Tgt Ion: 93 Resp: 108768

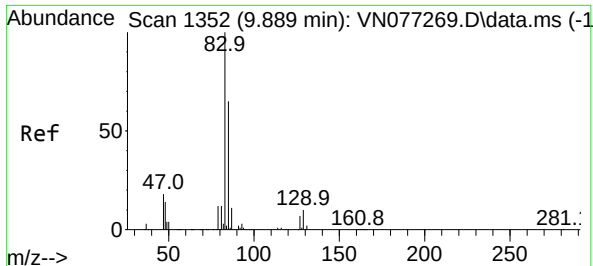
Ion Ratio Lower Upper

93 100

95 82.9 0.0 166.4

174 81.5 0.0 164.8

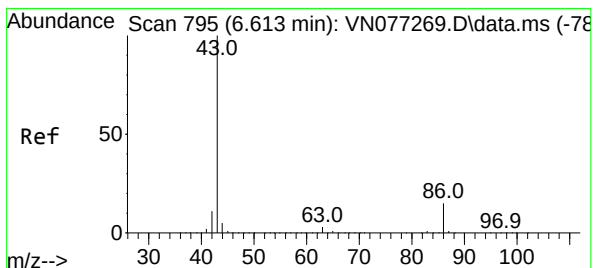
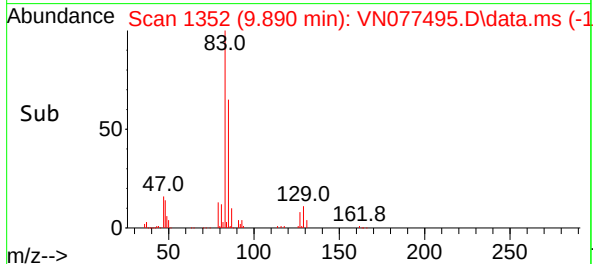
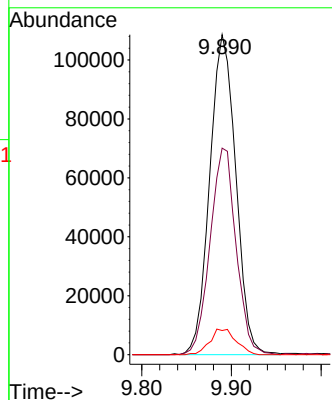
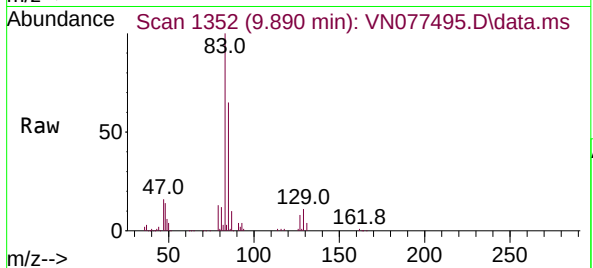




#41
Bromodichloromethane
Concen: 19.912 ug/l
RT: 9.890 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

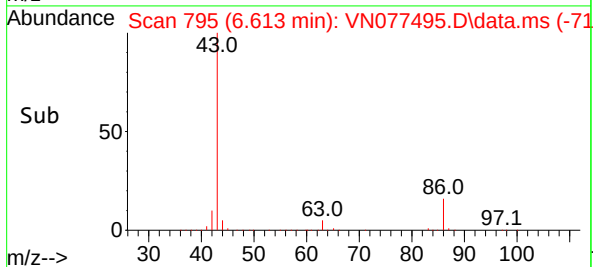
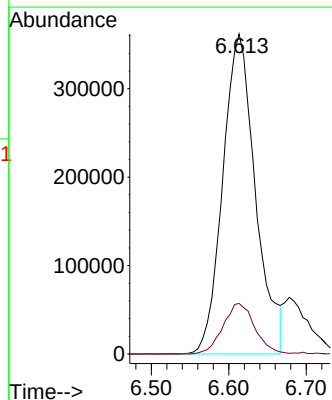
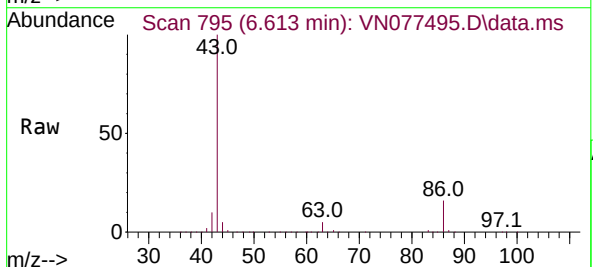
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

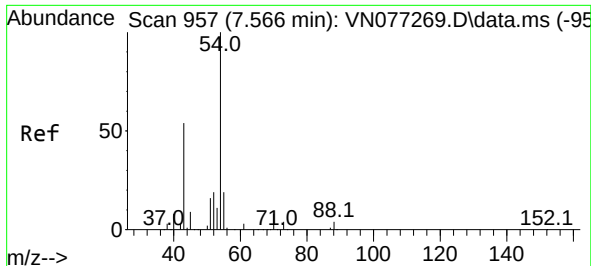
Tgt Ion: 83 Resp: 219236
Ion Ratio Lower Upper
83 100
85 64.6 52.3 78.5
127 7.5 5.9 8.9



#42
Vinyl Acetate
Concen: 77.822 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 43 Resp: 1062645
Ion Ratio Lower Upper
43 100
86 15.3 0.0 0.0#

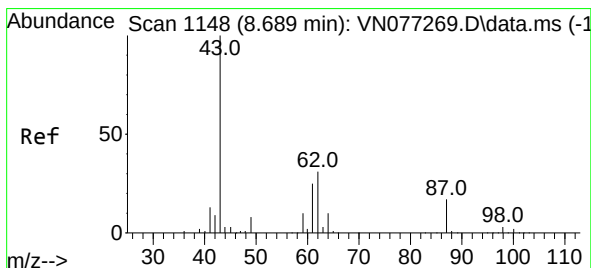
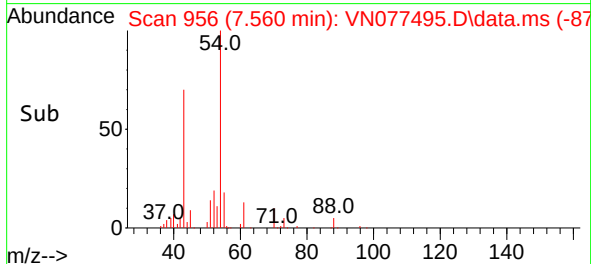
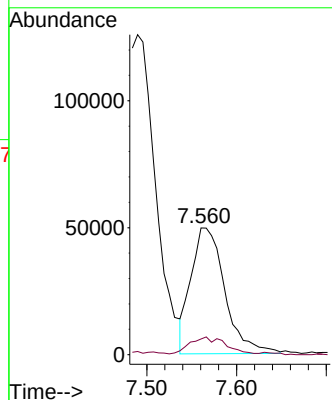
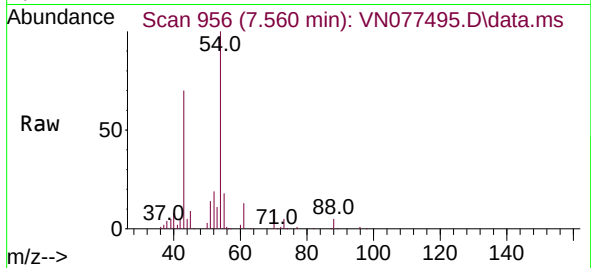




#43
Ethyl Acetate
Concen: 14.923 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

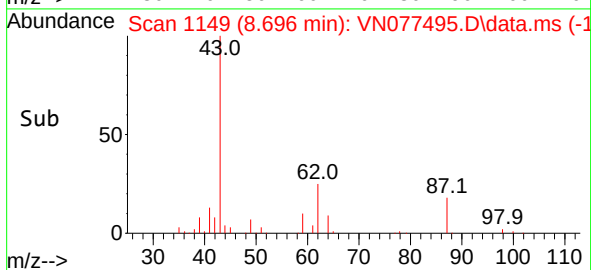
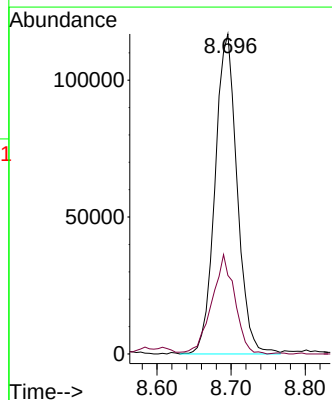
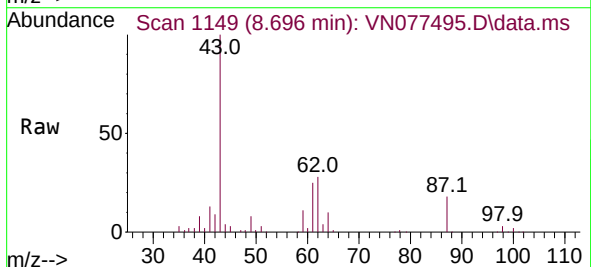
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

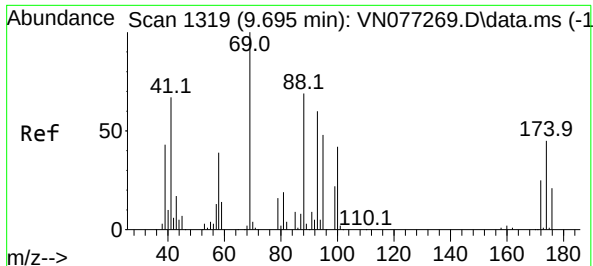
Tgt Ion: 43 Resp: 130264
Ion Ratio Lower Upper
43 100
45 9.1 12.3 18.5#



#44
Isopropyl Acetate
Concen: 15.499 ug/l
RT: 8.696 min Scan# 1149
Delta R.T. 0.007 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 43 Resp: 242237
Ion Ratio Lower Upper
43 100
61 32.1 0.0 0.0#





#45

1,4-Dioxane

Concen: 320.189 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

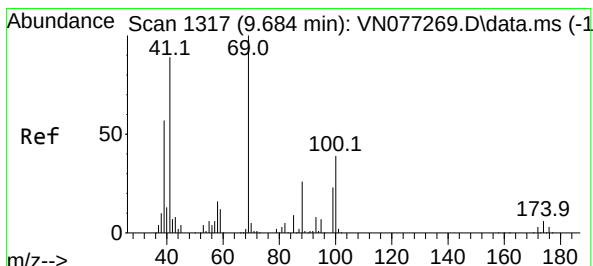
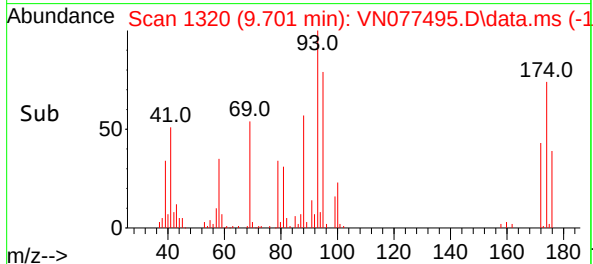
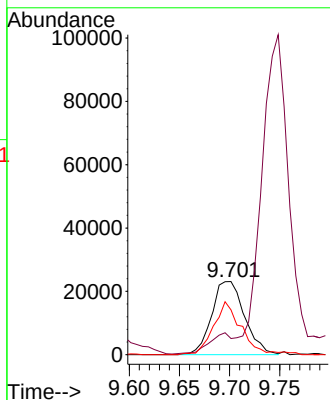
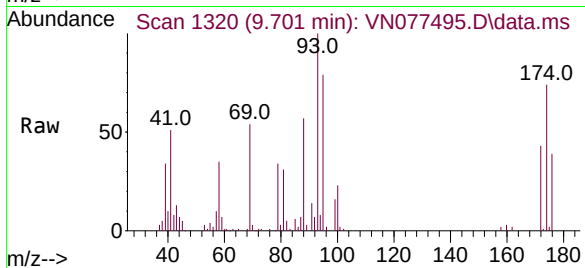
Tgt Ion: 88 Resp: 52776

Ion Ratio Lower Upper

88 100

43 19.0 17.4 26.0

58 55.6 48.2 72.4



#46

Methyl methacrylate

Concen: 16.349 ug/l

RT: 9.684 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

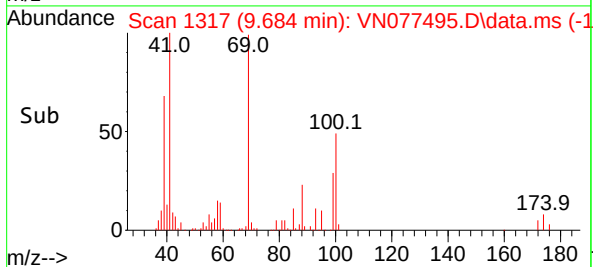
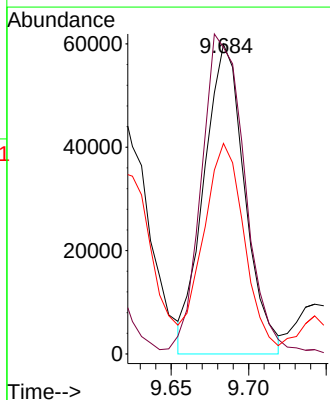
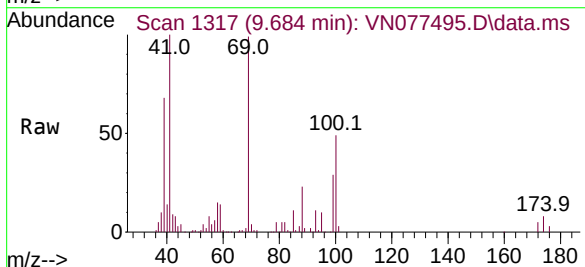
Tgt Ion: 41 Resp: 110014

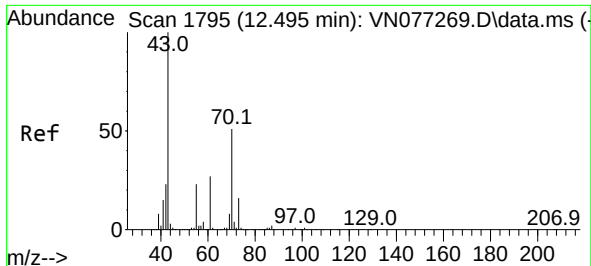
Ion Ratio Lower Upper

41 100

69 100.1 54.5 163.5

39 69.3 33.4 100.2

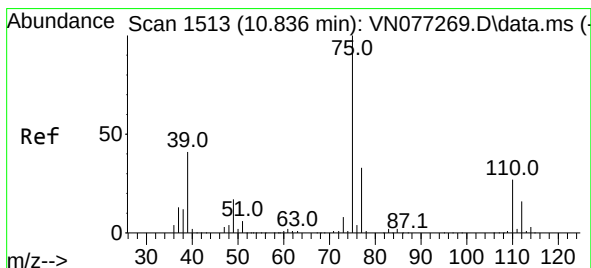
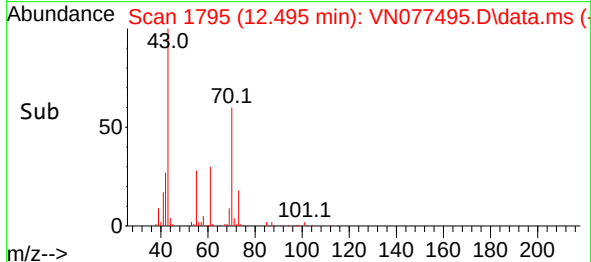
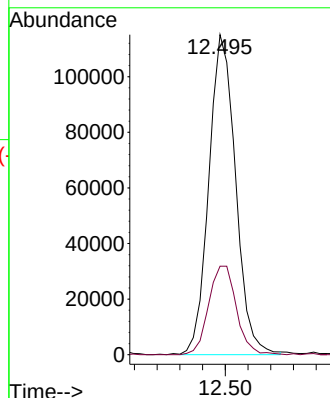
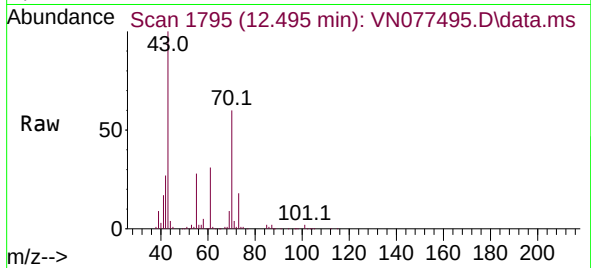




#47
n-amyl acetate
Concen: 13.804 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

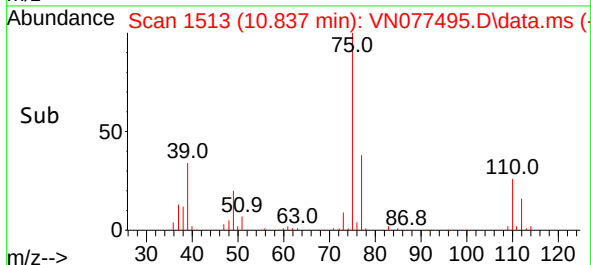
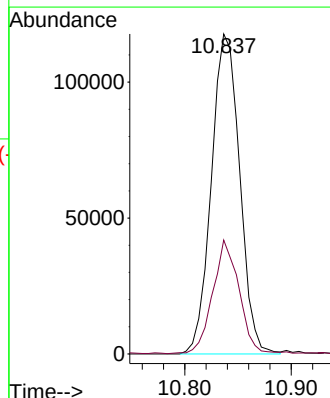
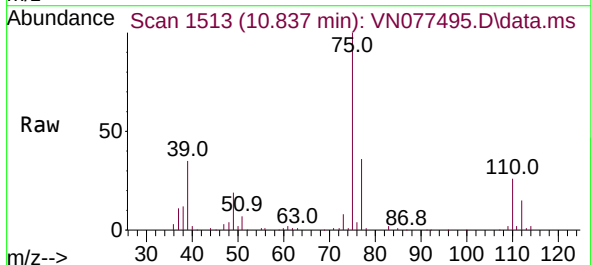
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

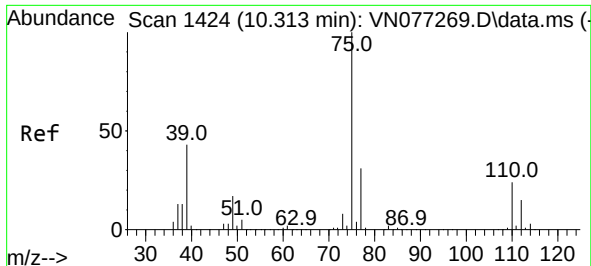
Tgt Ion: 43 Resp: 188531
Ion Ratio Lower Upper
43 100
55 28.4 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 17.646 ug/l
RT: 10.837 min Scan# 1513
Delta R.T. 0.001 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 75 Resp: 217440
Ion Ratio Lower Upper
75 100
77 35.2 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 17.927 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

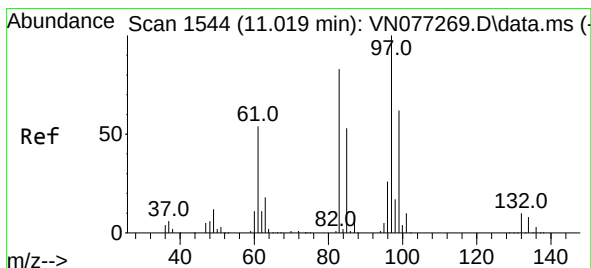
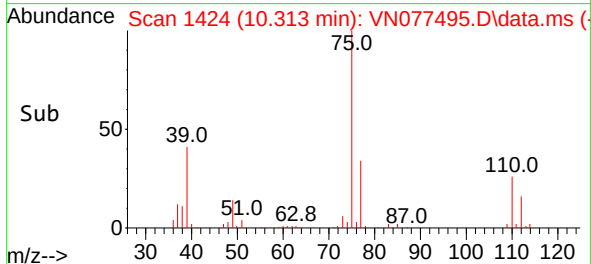
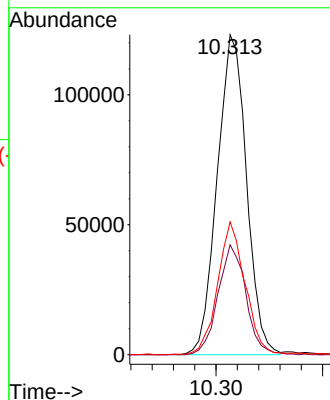
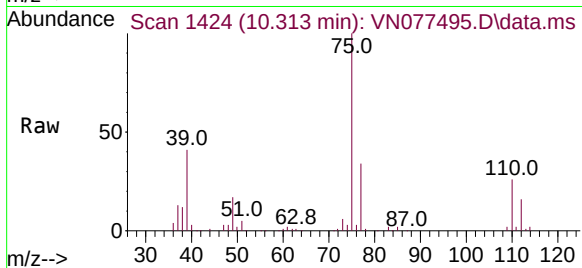
Tgt Ion: 75 Resp: 235002

Ion Ratio Lower Upper

75 100

77 34.3 25.0 37.6

39 41.3 34.4 51.6



#50

1,1,2-Trichloroethane

Concen: 19.674 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Tgt Ion: 97 Resp: 157791

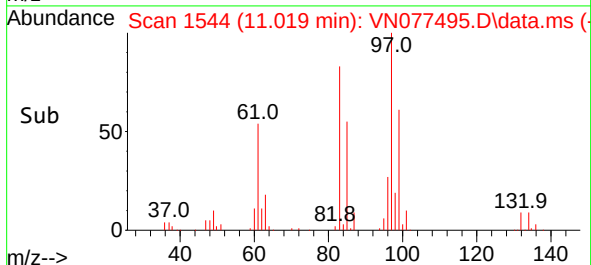
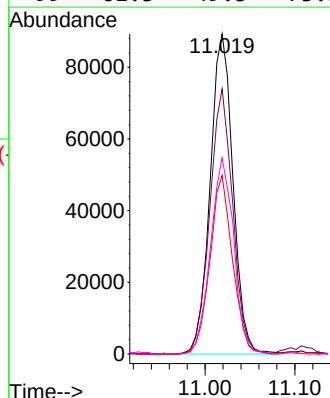
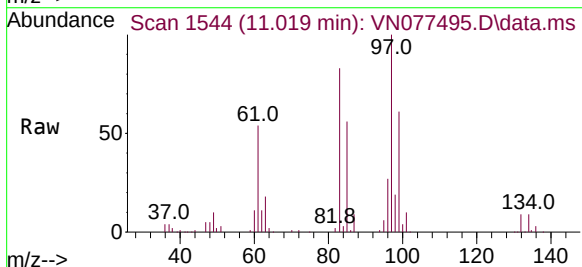
Ion Ratio Lower Upper

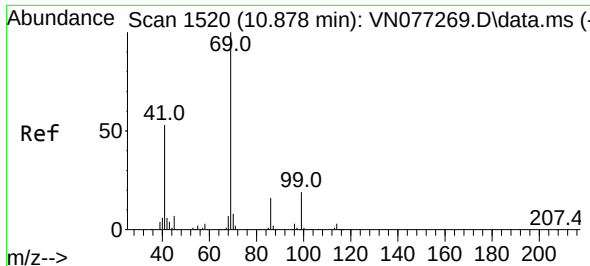
97 100

83 82.8 66.7 100.1

85 55.6 42.4 63.6

99 61.3 49.3 73.9

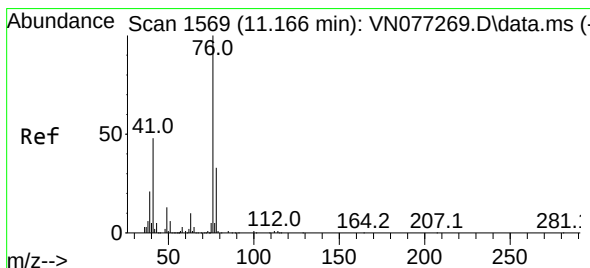
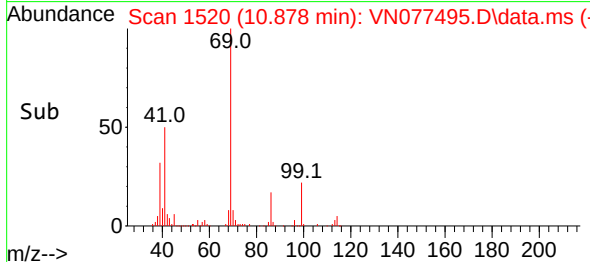
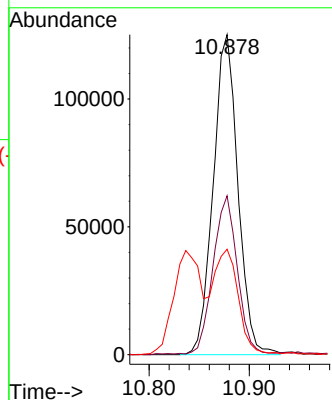
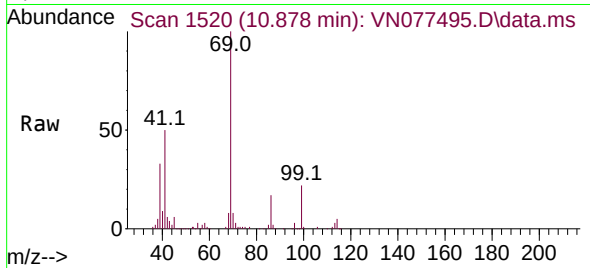




#51
Ethyl methacrylate
Concen: 17.346 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

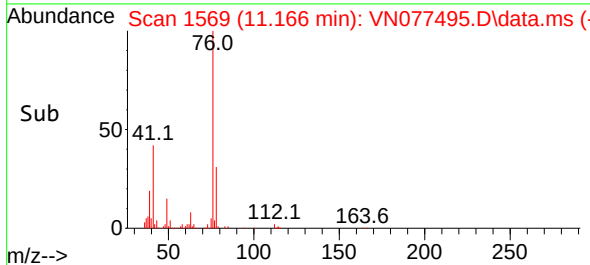
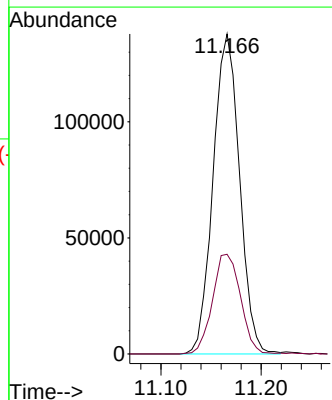
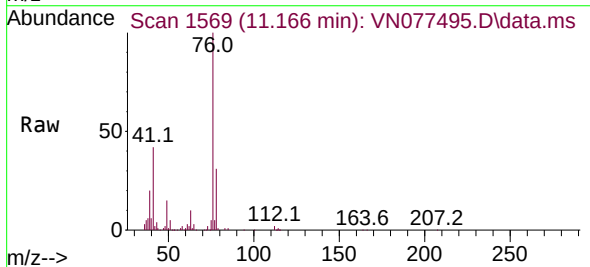
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

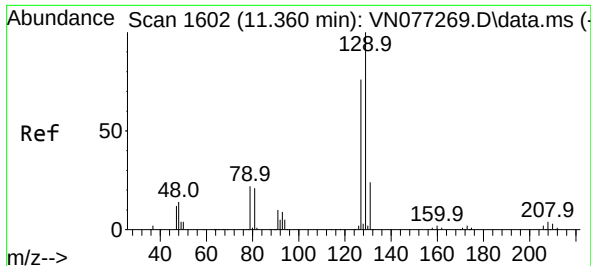
Tgt Ion: 69 Resp: 213648
Ion Ratio Lower Upper
69 100
41 49.2 26.7 80.0
39 32.4 17.0 50.9



#52
1,3-Dichloropropane
Concen: 18.859 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 76 Resp: 252439
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.0

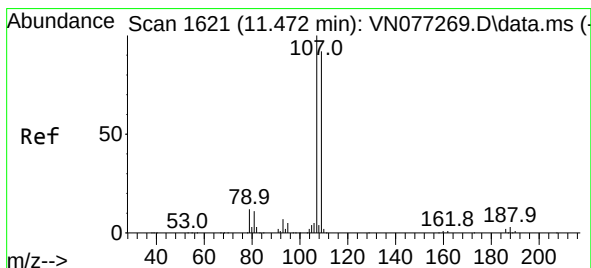
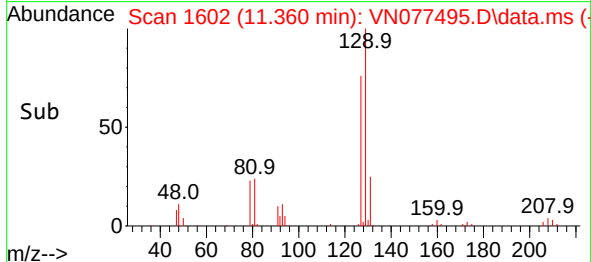
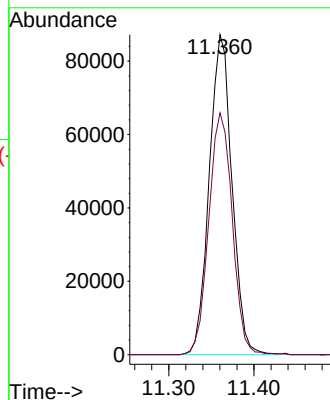
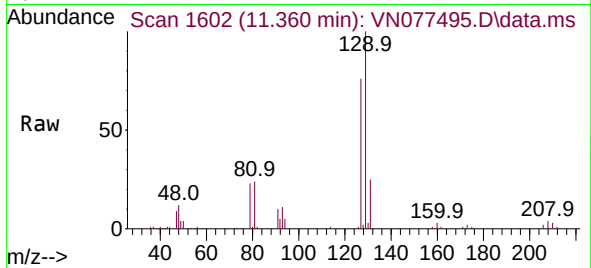




#53
Dibromochloromethane
Concen: 19.171 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

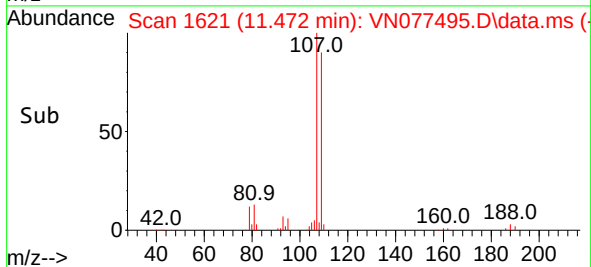
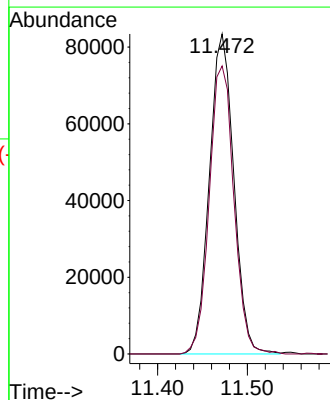
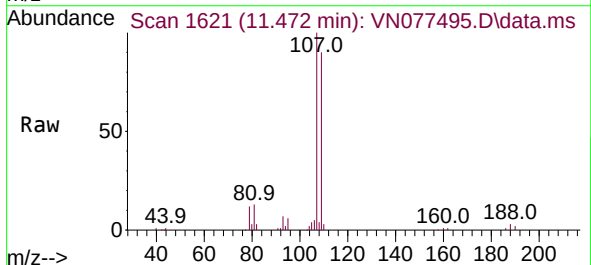
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

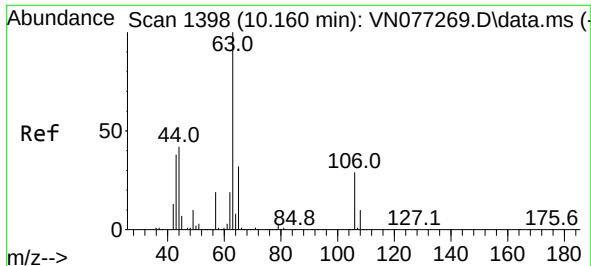
Tgt Ion:129 Resp: 162053
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8



#54
1,2-Dibromoethane
Concen: 19.619 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion:107 Resp: 157962
Ion Ratio Lower Upper
107 100
109 90.7 74.1 111.1

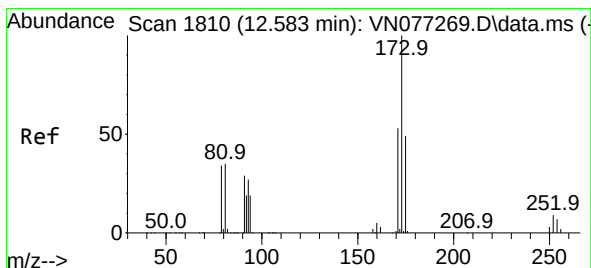
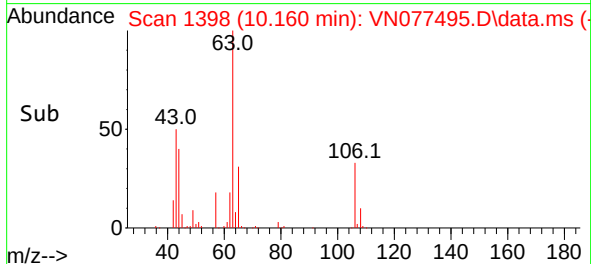
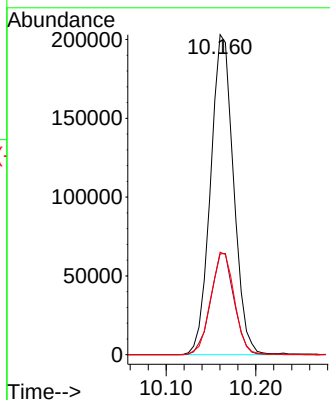
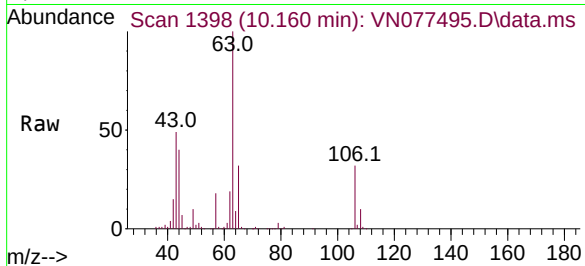




#55
2-Chloroethyl vinyl ether
Concen: 95.274 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

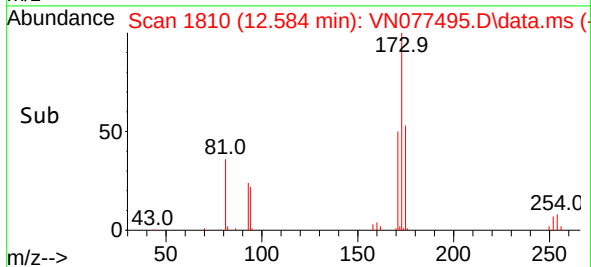
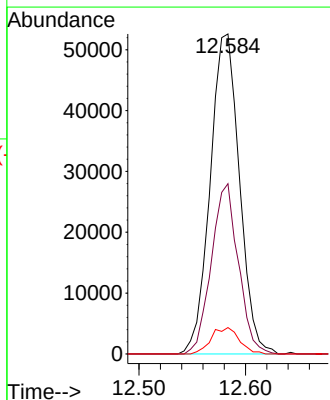
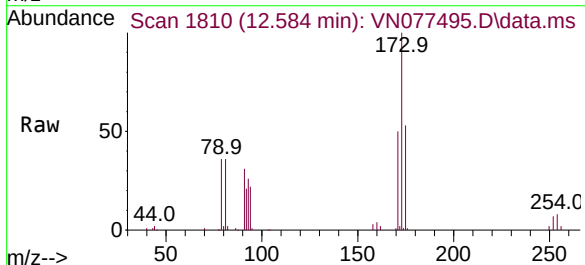
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

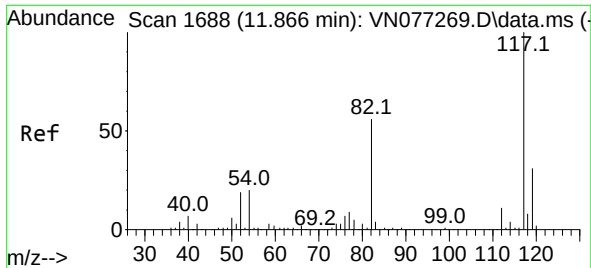
Tgt Ion: 63 Resp: 362294
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 32.7 24.0 36.0



#56
Bromoform
Concen: 17.697 ug/l
RT: 12.584 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 173 Resp: 100489
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.2
254 7.9 6.0 9.0

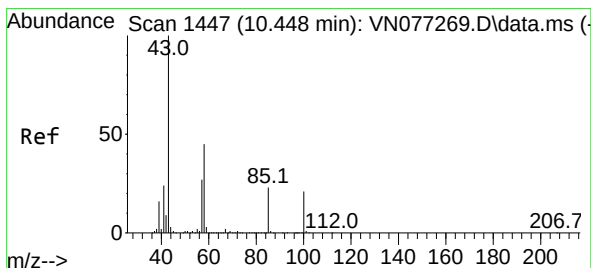
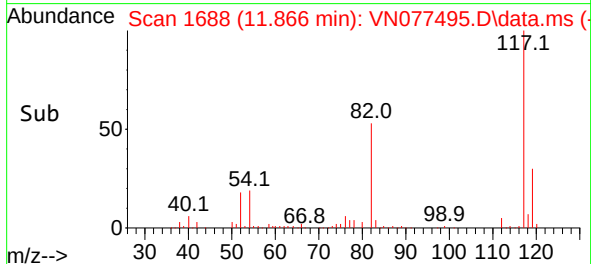
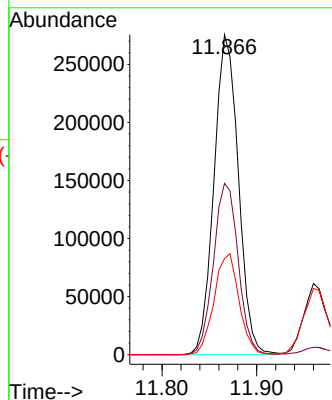
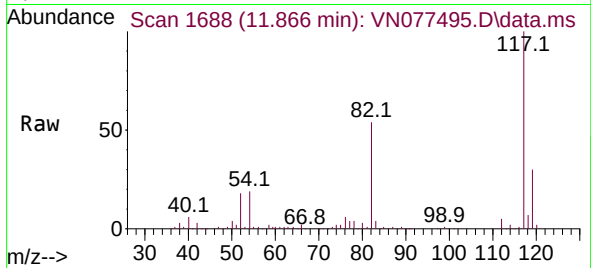




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

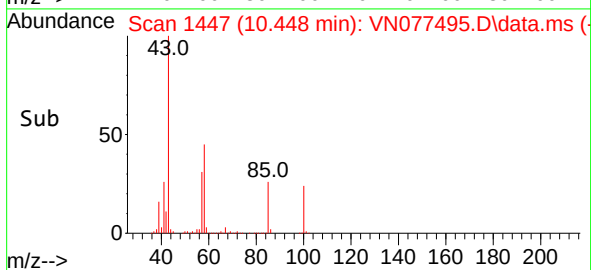
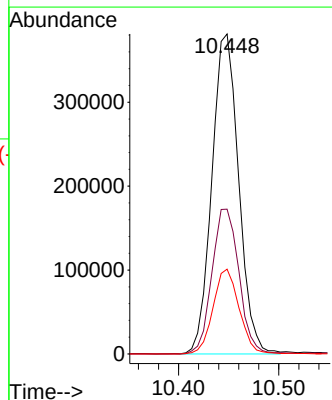
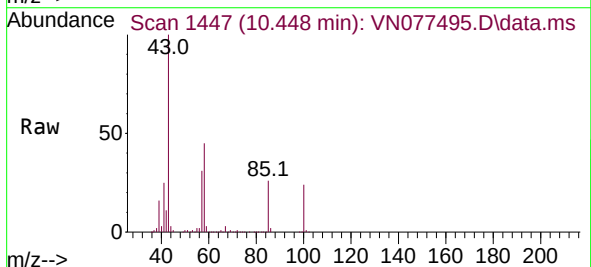
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

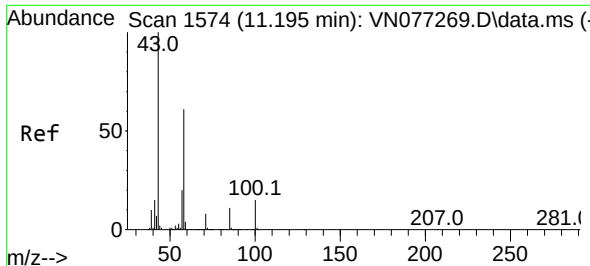
Tgt Ion:117 Resp: 493746
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 32.3 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 76.477 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 43 Resp: 707001
Ion Ratio Lower Upper
43 100
58 45.9 34.7 52.1
85 25.8 17.8 26.8

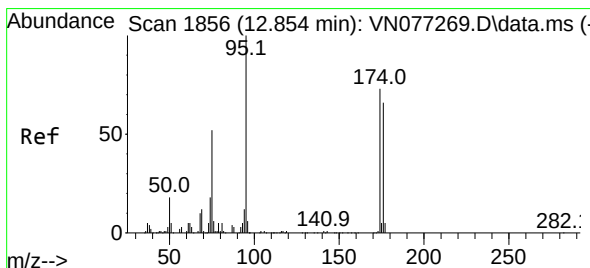
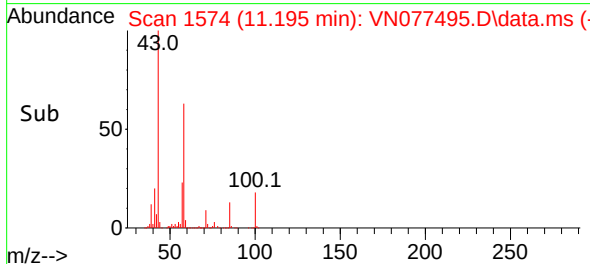
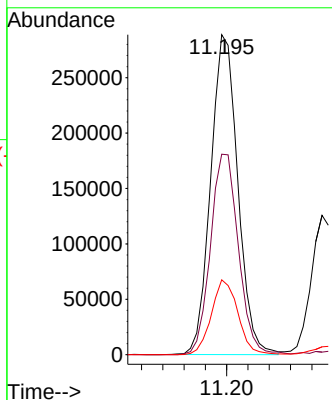
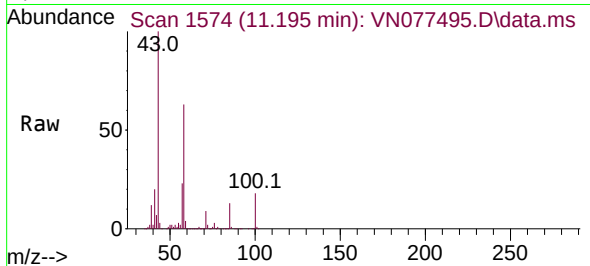




#59
2-Hexanone
Concen: 71.416 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

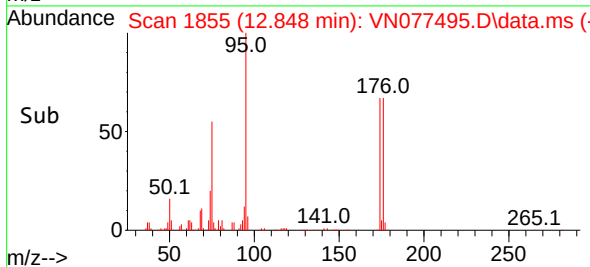
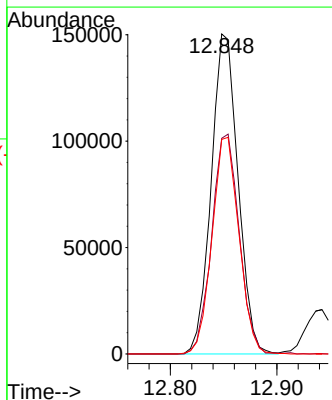
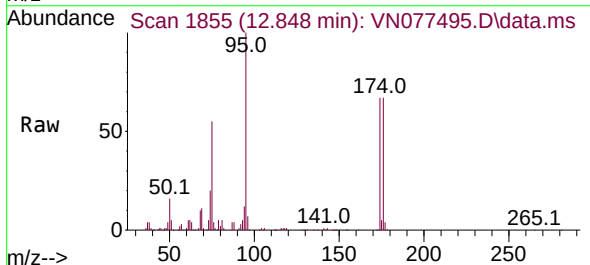
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ClientSampleId :
VSTDCCC020

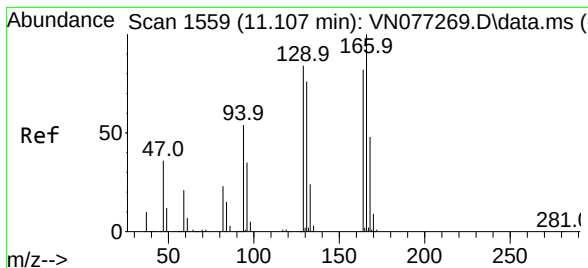
Tgt Ion: 43 Resp: 510323
Ion Ratio Lower Upper
43 100
58 64.6 48.6 73.0
57 23.0 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 30.803 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 95 Resp: 262981
Ion Ratio Lower Upper
95 100
174 70.0 57.8 86.8
176 67.9 54.6 81.8

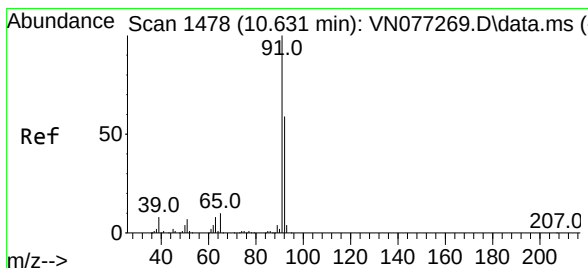
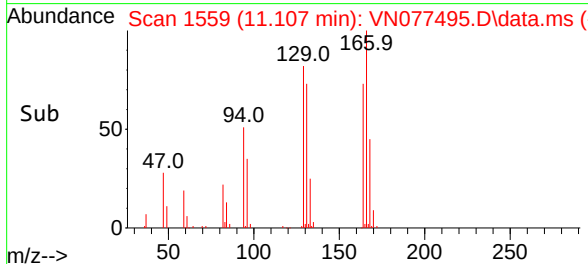
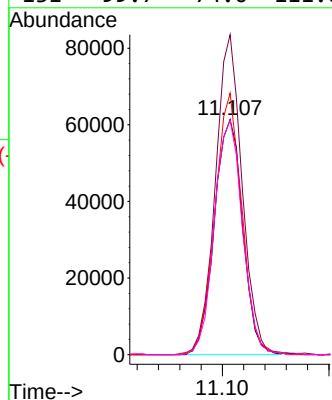
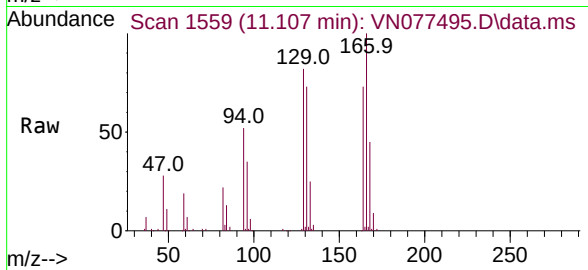




#61
Tetrachloroethene
Concen: 19.266 ug/l
RT: 11.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

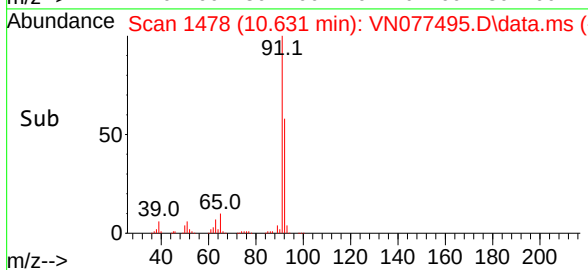
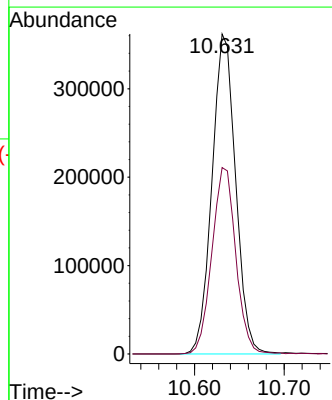
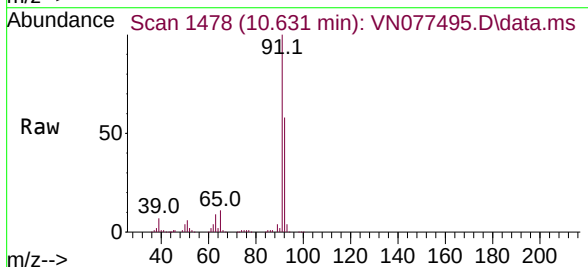
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

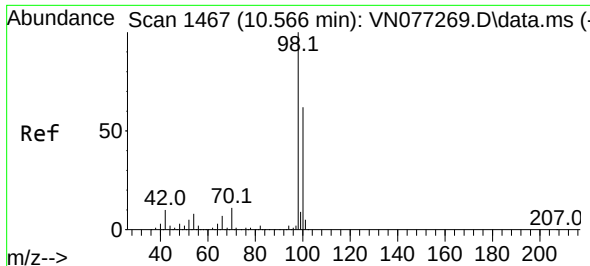
Tgt Ion:164 Resp: 113141
Ion Ratio Lower Upper
164 100
166 136.1 97.9 146.9
129 110.8 82.5 123.7
131 99.7 74.0 111.0



#62
Toluene
Concen: 19.236 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 91 Resp: 662664
Ion Ratio Lower Upper
91 100
92 58.8 46.6 70.0

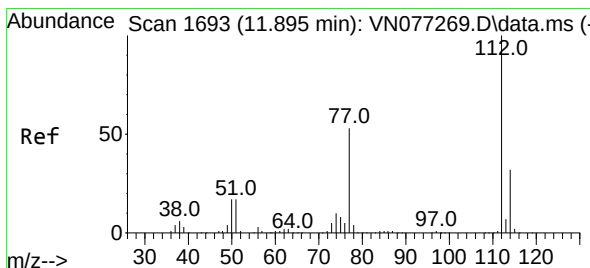
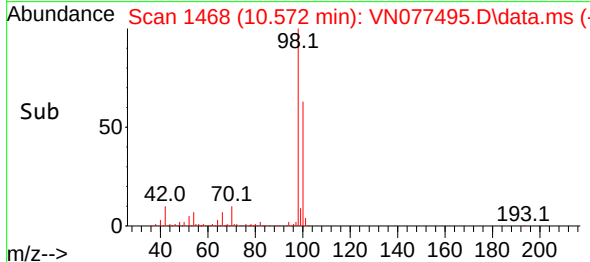
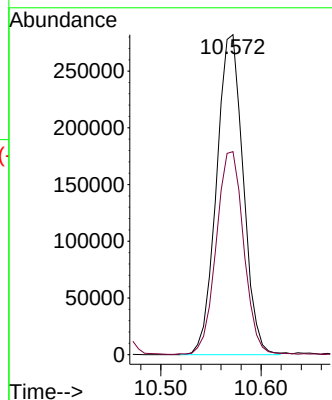
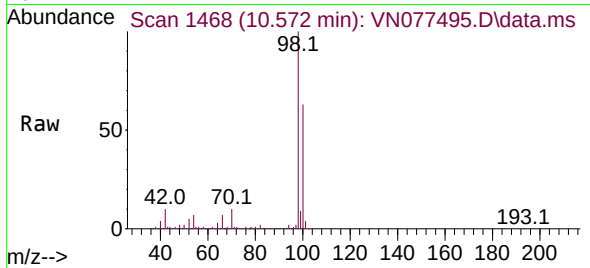




#63
Toluene-d8
Concen: 30.062 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

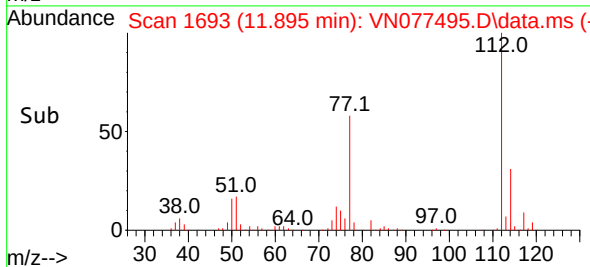
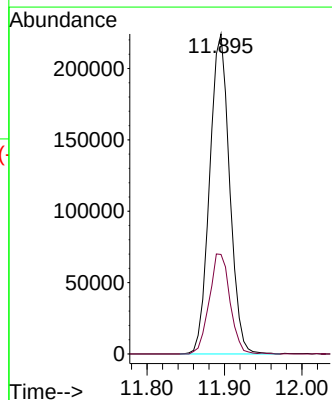
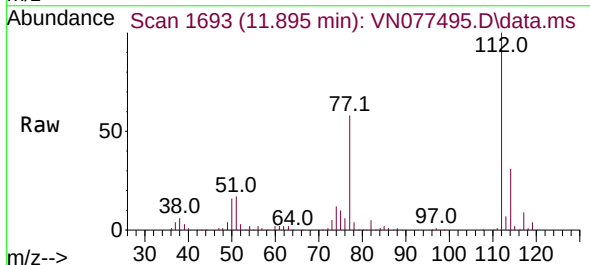
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

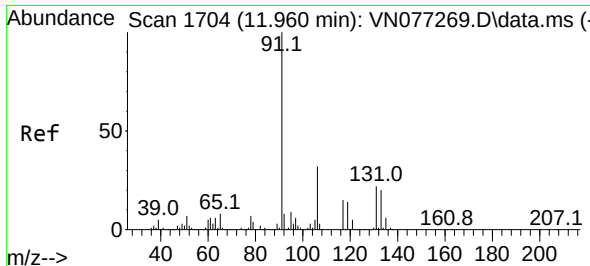
Tgt Ion: 98 Resp: 521806
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2



#64
Chlorobenzene
Concen: 19.127 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 112 Resp: 400326
Ion Ratio Lower Upper
112 100
114 31.1 25.6 38.4

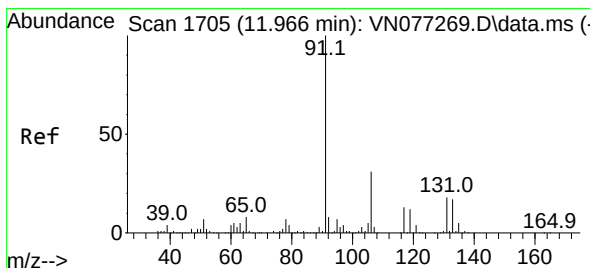
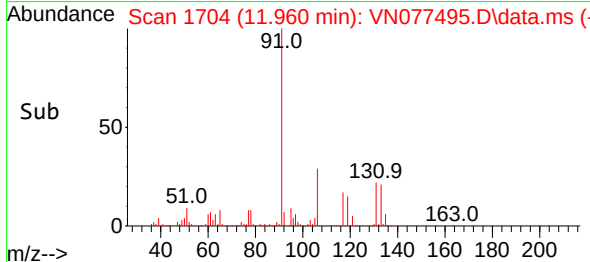
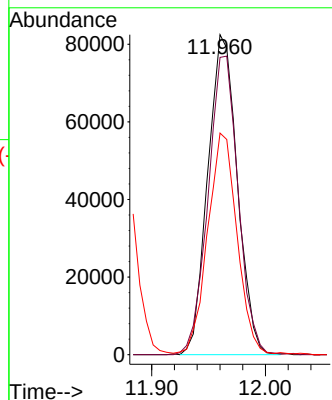
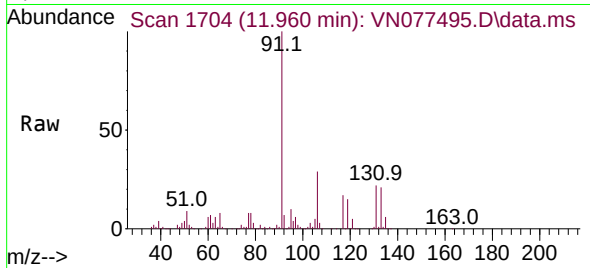




#65
1,1,1,2-Tetrachloroethane
Concen: 19.345 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

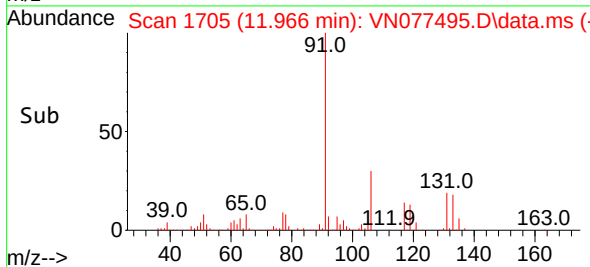
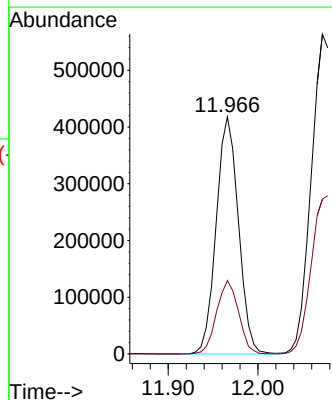
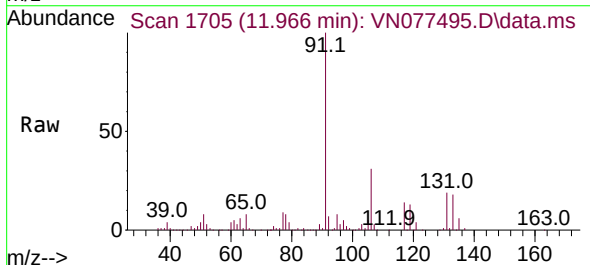
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

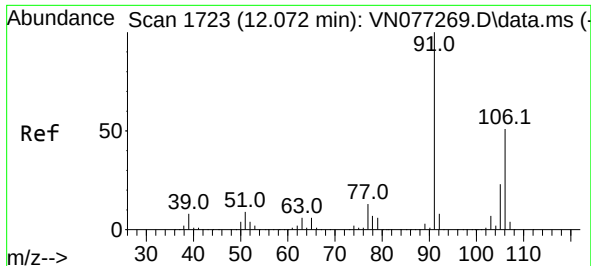
Tgt Ion:131 Resp: 148888
Ion Ratio Lower Upper
131 100
133 94.9 0.0 184.4
119 69.0 0.0 134.8



#66
Ethyl Benzene
Concen: 18.816 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 91 Resp: 718123
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

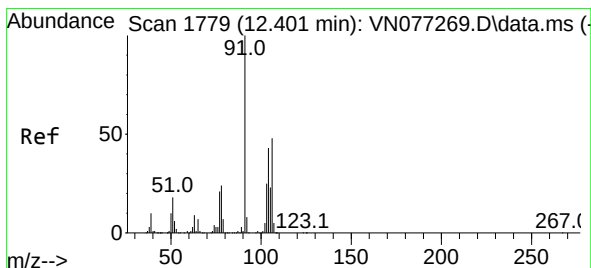
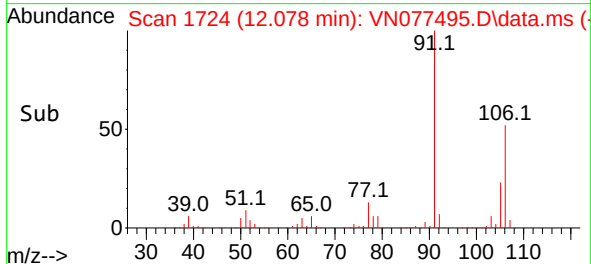
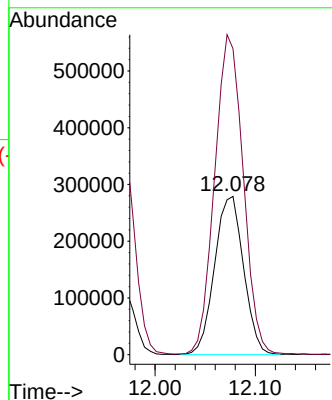
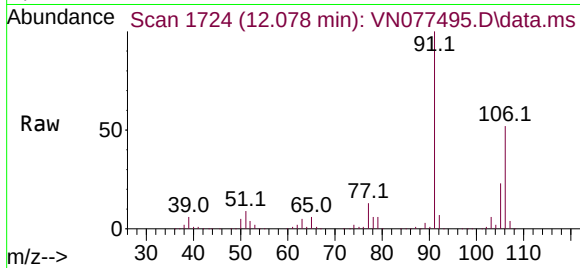




#67
m/p-Xylenes
Concen: 37.513 ug/l
RT: 12.078 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

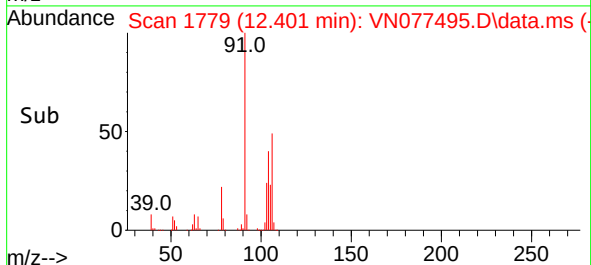
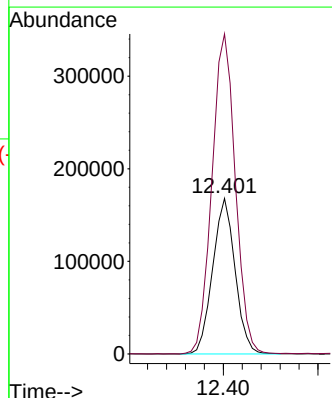
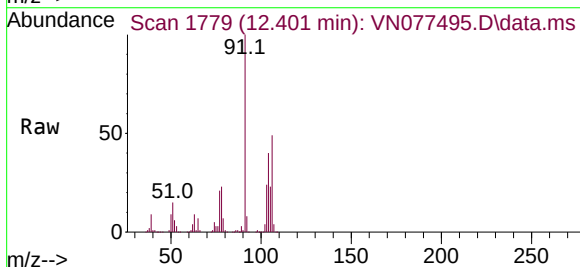
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

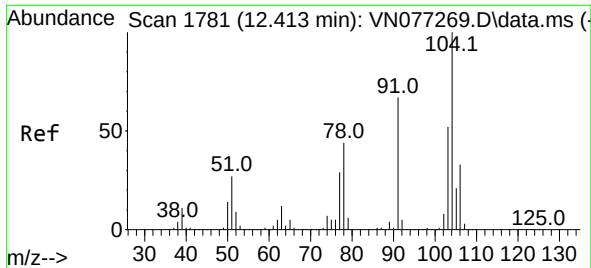
Tgt Ion:106 Resp: 561194
Ion Ratio Lower Upper
106 100
91 199.6 158.0 237.0



#68
o-Xylene
Concen: 18.415 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion:106 Resp: 275605
Ion Ratio Lower Upper
106 100
91 215.0 103.6 310.8

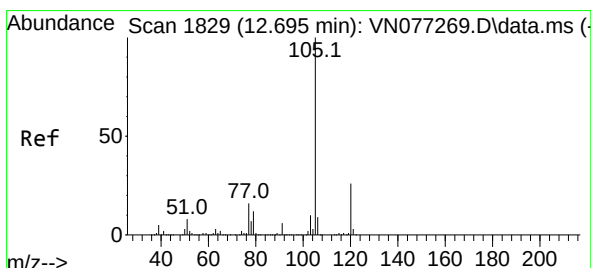
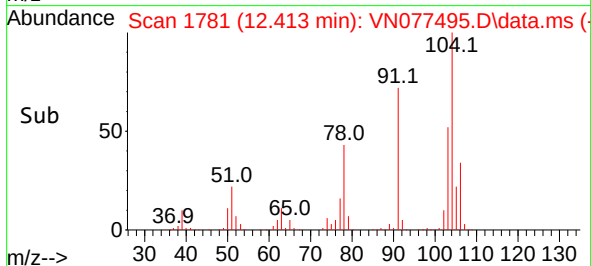
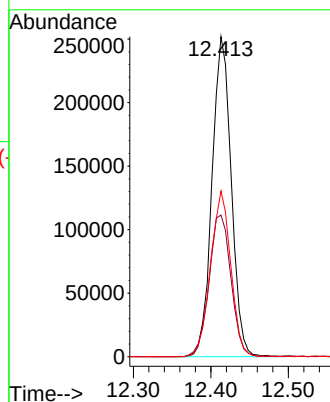
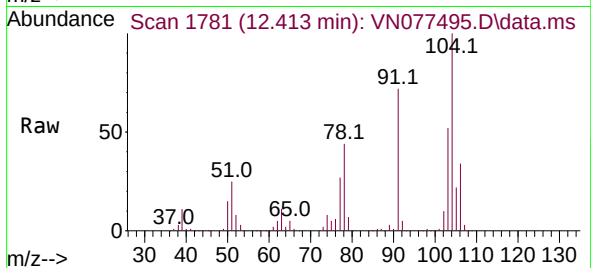




#69
Styrene
Concen: 18.123 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

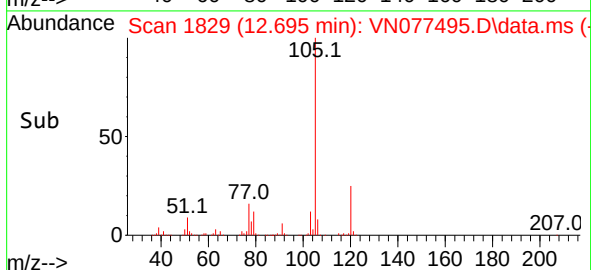
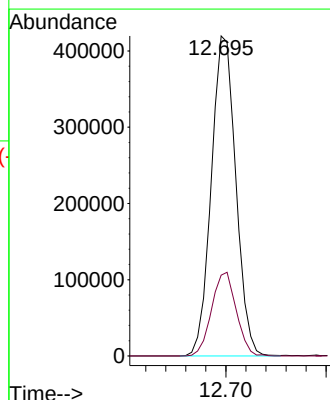
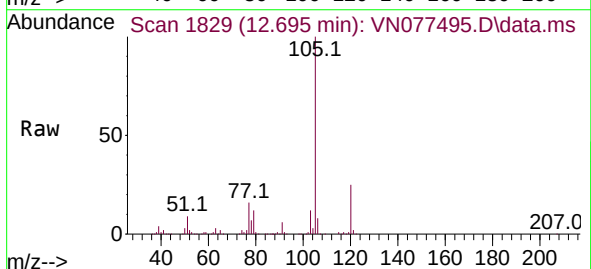
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

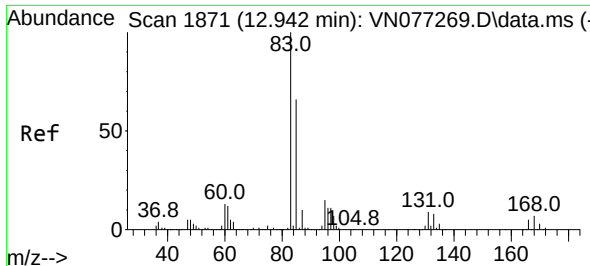
Tgt Ion:104 Resp: 434552
Ion Ratio Lower Upper
104 100
78 50.3 38.2 57.4
103 54.5 43.6 65.4



#70
Isopropylbenzene
Concen: 18.782 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion:105 Resp: 713370
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1

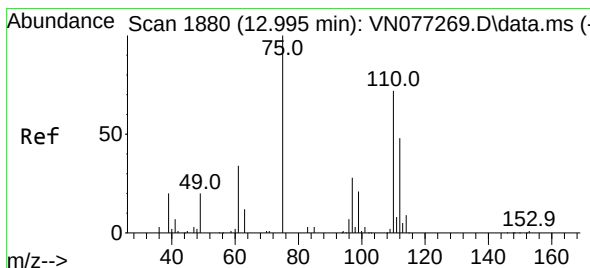
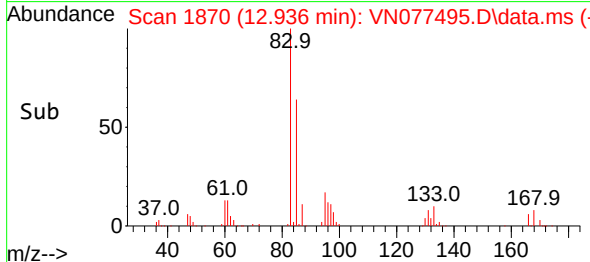
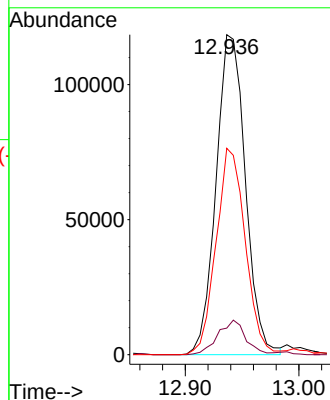
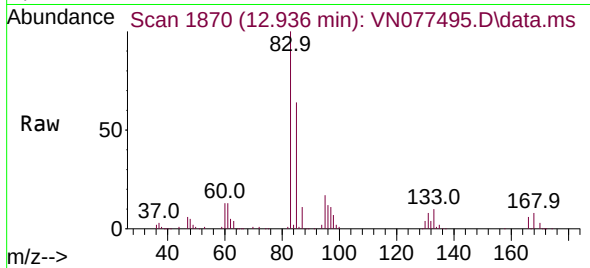




#71
1,1,2,2-Tetrachloroethane
Concen: 18.298 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

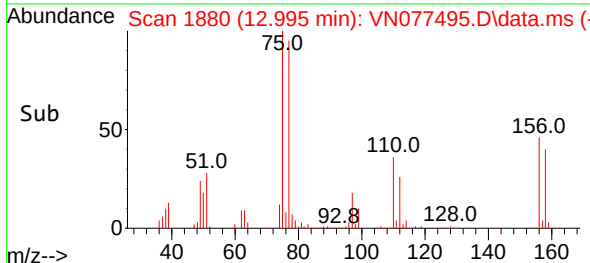
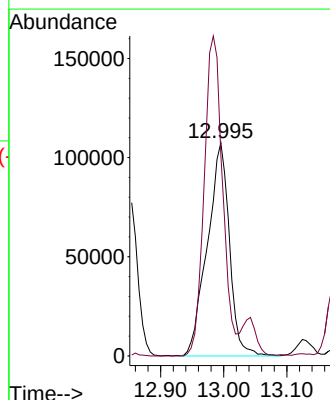
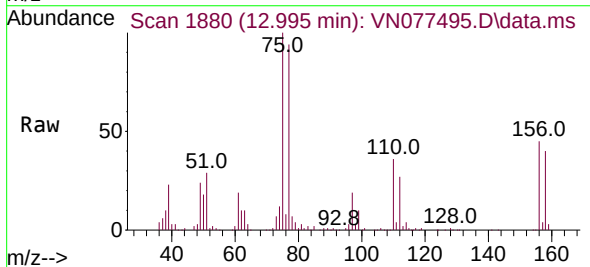
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

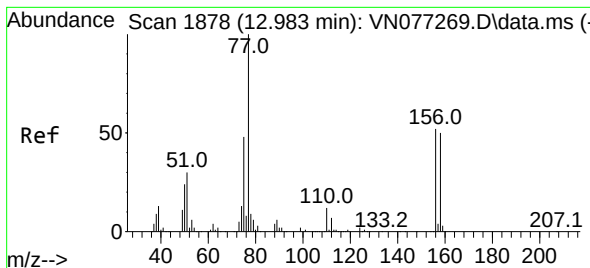
Tgt Ion: 83 Resp: 212827
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.0
85 64.2 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 32.960 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 75 Resp: 260597
Ion Ratio Lower Upper
75 100
77 124.3 0.0 434.2





#73

Bromobenzene

Concen: 19.967 ug/l

RT: 12.984 min Scan# 1878

Delta R.T. 0.001 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

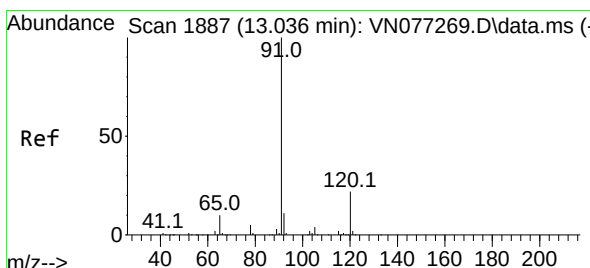
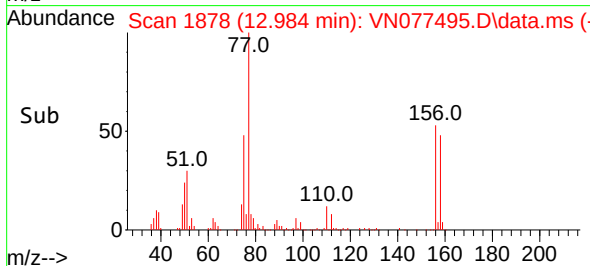
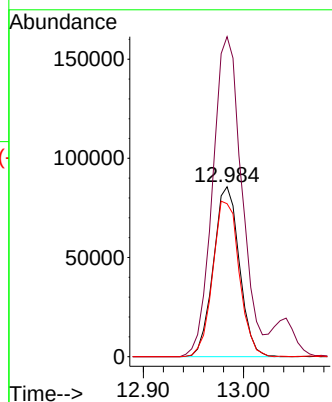
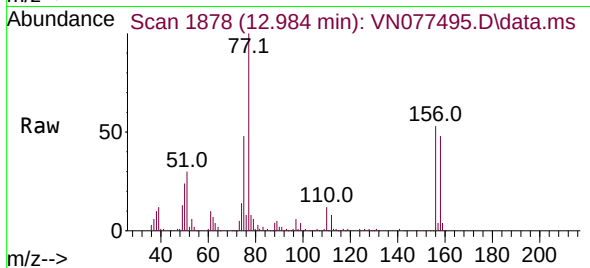
Tgt Ion:156 Resp: 154081

Ion Ratio Lower Upper

156 100

77 210.3 0.0 456.6

158 93.2 0.0 195.6



#74

n-propylbenzene

Concen: 18.813 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077495.D

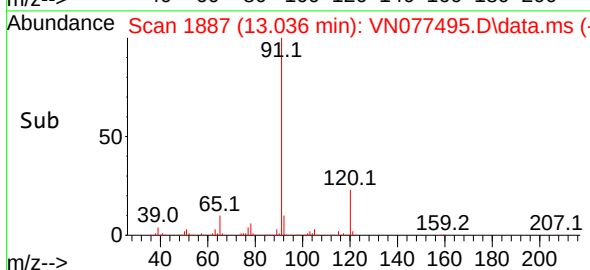
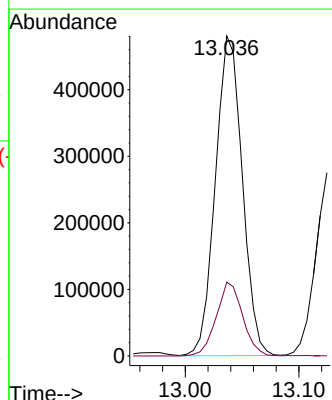
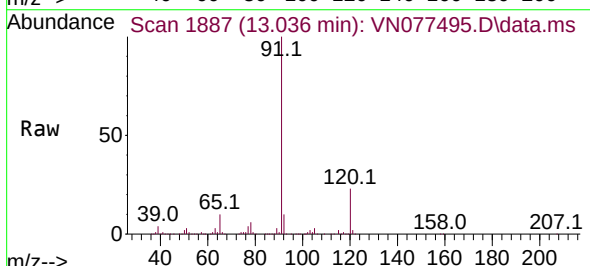
Acq: 28 Apr 2023 10:36

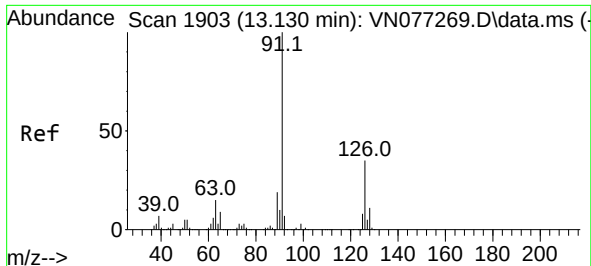
Tgt Ion: 91 Resp: 790607

Ion Ratio Lower Upper

91 100

120 22.6 0.0 45.6

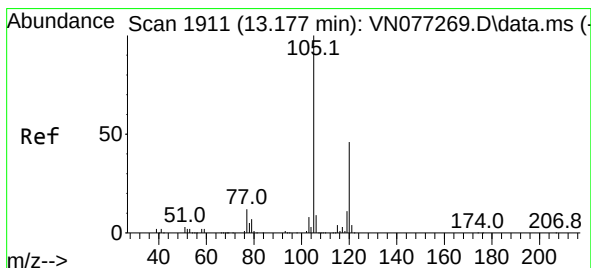
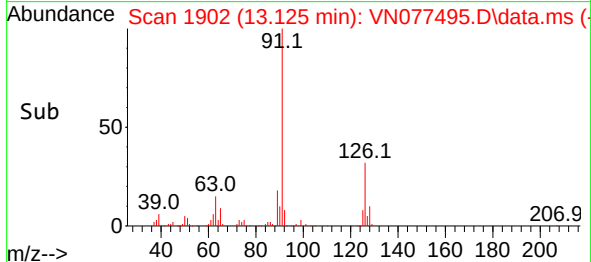
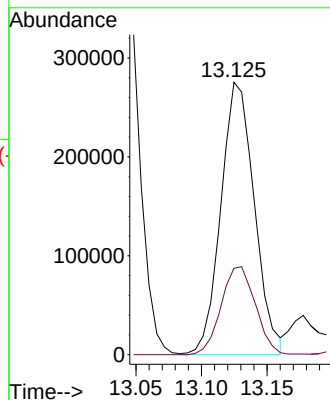
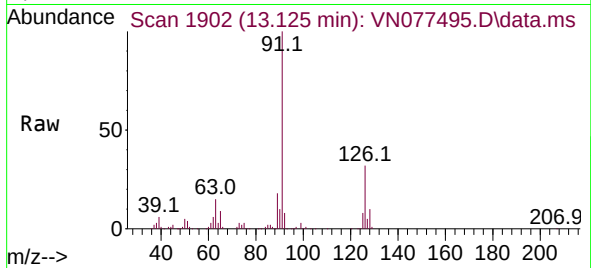




#75
2-Chlorotoluene
Concen: 19.461 ug/l
RT: 13.125 min Scan# 1903
Delta R.T. -0.005 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

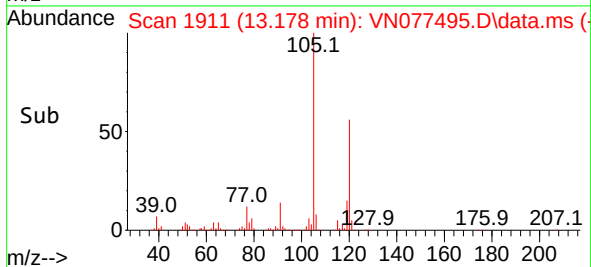
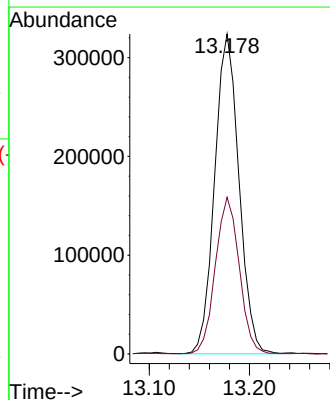
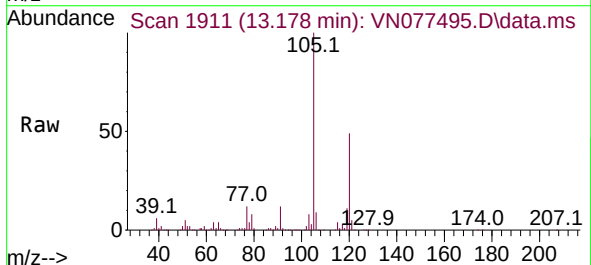
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

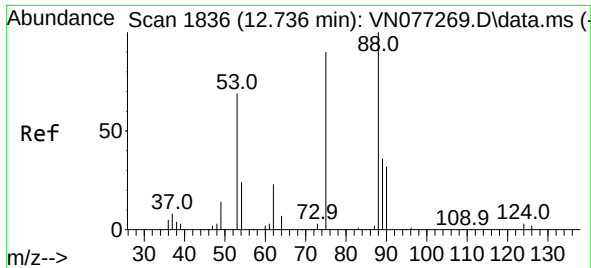
Tgt Ion: 91 Resp: 489931
Ion Ratio Lower Upper
91 100
126 33.0 0.0 67.0



#76
1,3,5-Trimethylbenzene
Concen: 17.605 ug/l
RT: 13.178 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion:105 Resp: 544244
Ion Ratio Lower Upper
105 100
120 48.4 0.0 94.4

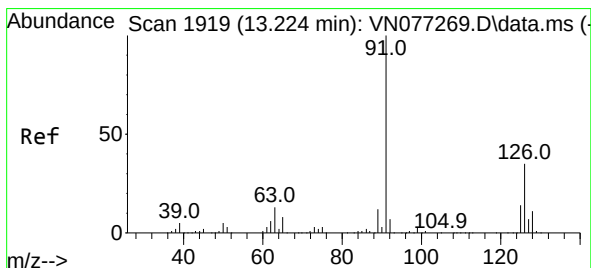
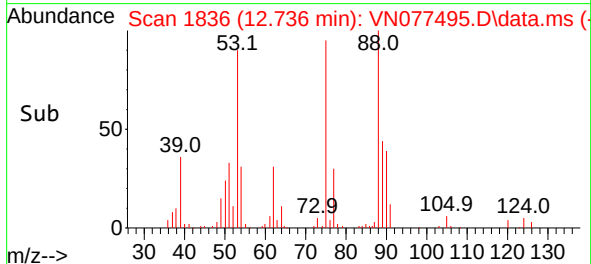
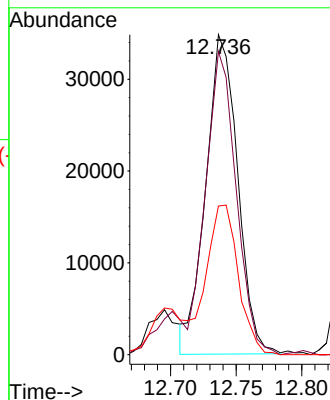
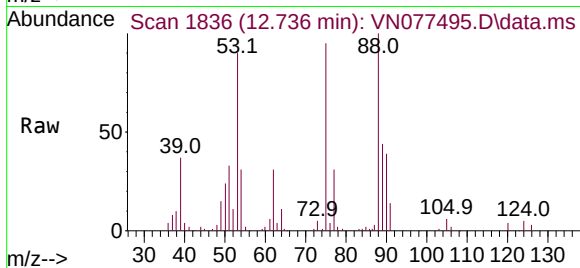




#77
t-1,4-Dichloro-2-butene
Concen: 14.599 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

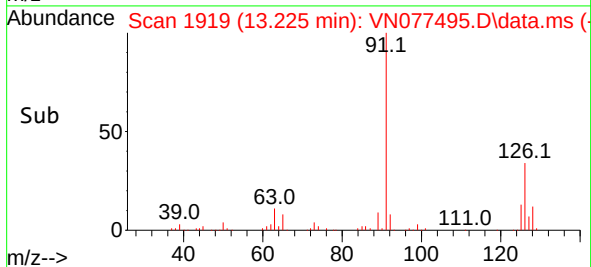
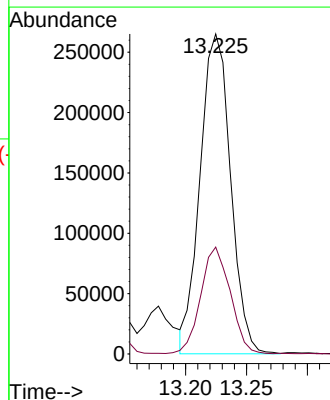
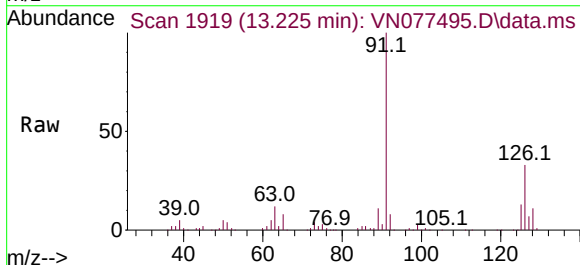
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

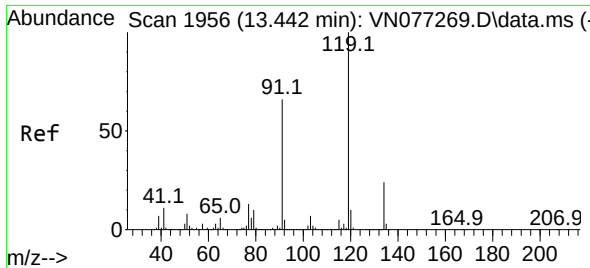
Tgt Ion: 75 Resp: 58793
Ion Ratio Lower Upper
75 100
53 95.3 38.8 116.4
89 46.7 23.2 69.6



#78
4-Chlorotoluene
Concen: 19.457 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.001 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 91 Resp: 462839
Ion Ratio Lower Upper
91 100
126 32.5 0.0 67.4

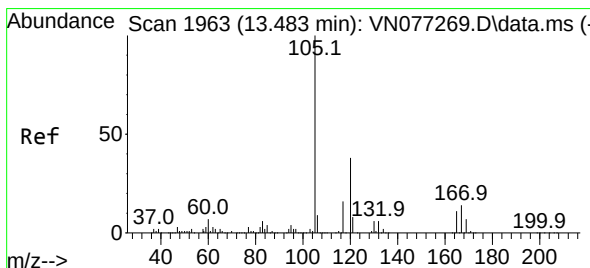
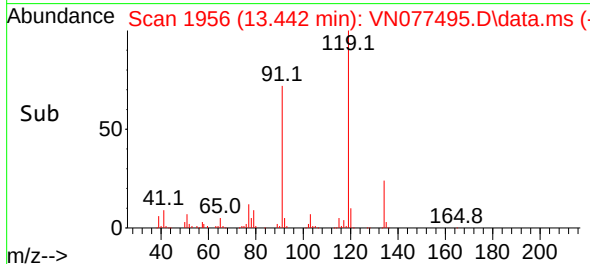
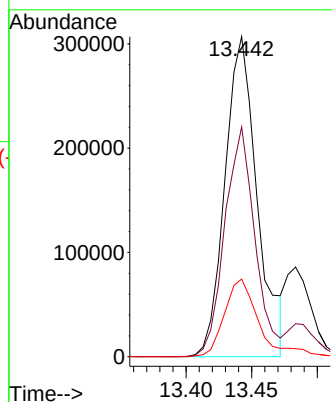
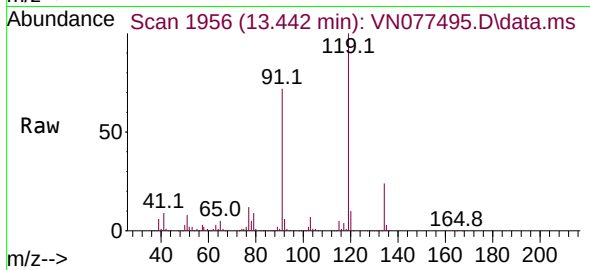




#79
tert-butylbenzene
Concen: 19.553 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

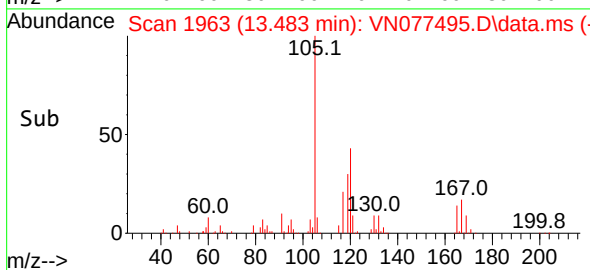
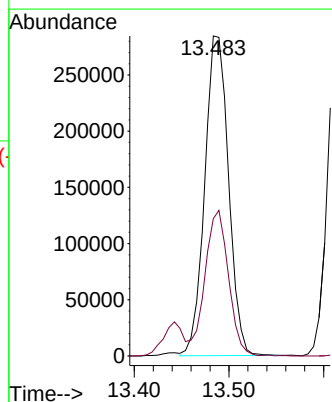
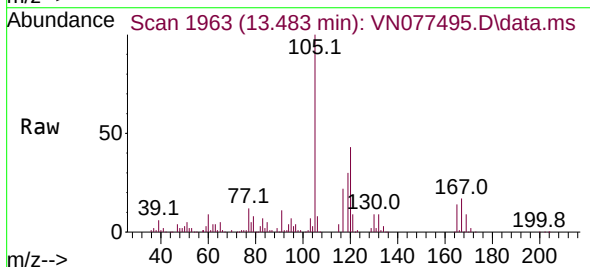
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

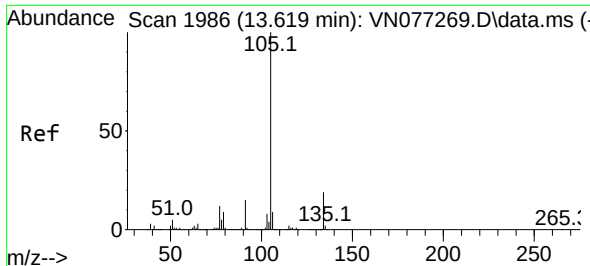
Tgt Ion:119 Resp: 526053
Ion Ratio Lower Upper
119 100
91 67.1 0.0 131.0
134 23.8 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 16.493 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion:105 Resp: 497009
Ion Ratio Lower Upper
105 100
120 45.1 0.0 91.0

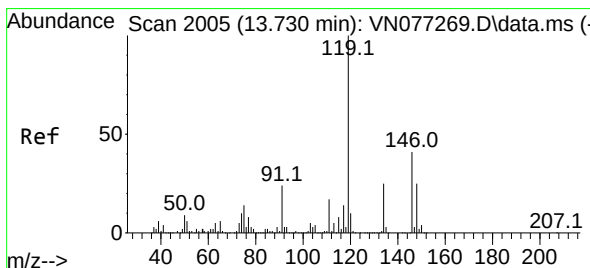
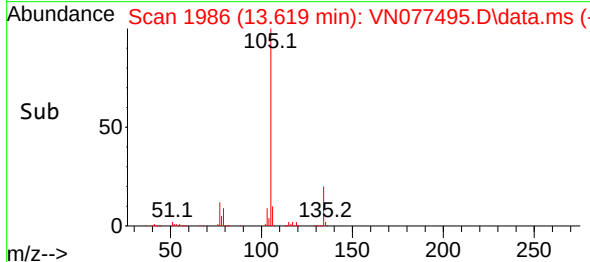
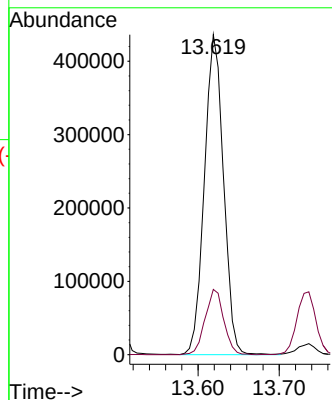
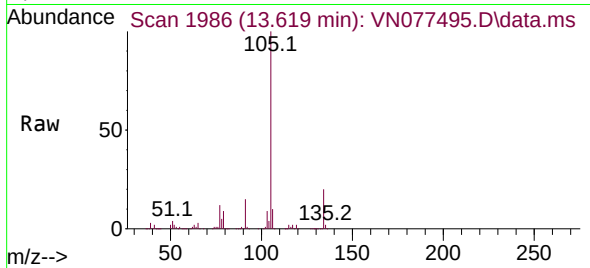




#81
 sec-Butylbenzene
 Concen: 18.530 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077495.D
 Acq: 28 Apr 2023 10:36

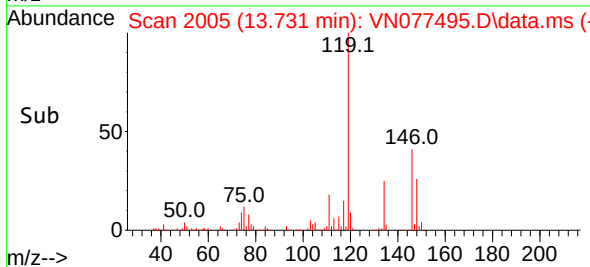
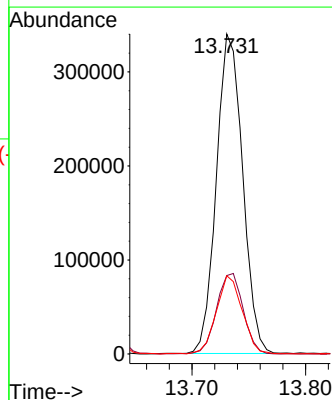
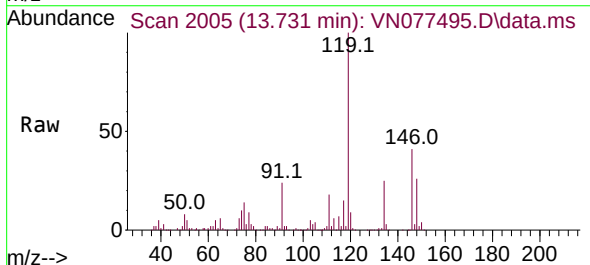
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

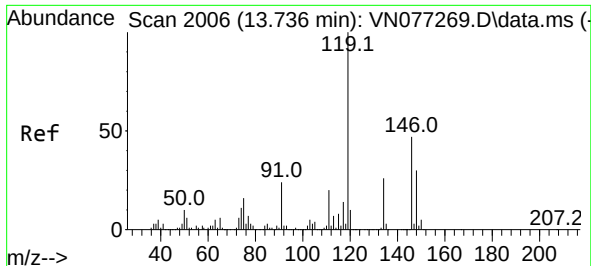
Tgt Ion:105 Resp: 711999
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 17.748 ug/l
 RT: 13.731 min Scan# 2005
 Delta R.T. 0.001 min
 Lab File: VN077495.D
 Acq: 28 Apr 2023 10:36

Tgt Ion:119 Resp: 546347
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.0
 91 24.1 0.0 48.0

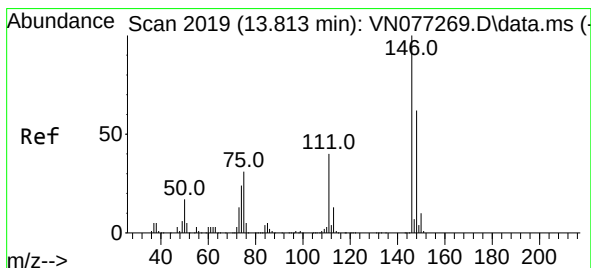
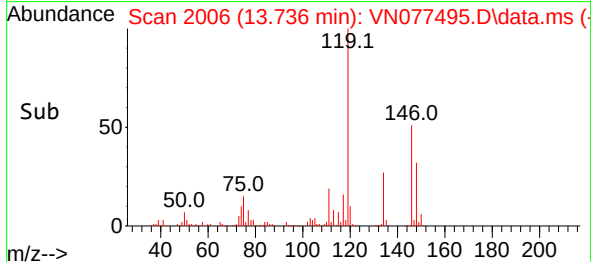
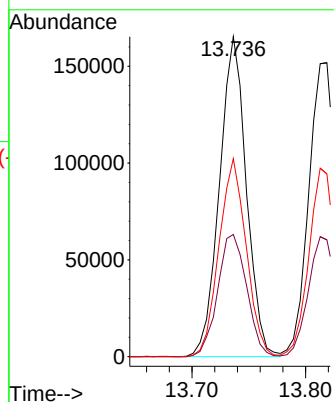
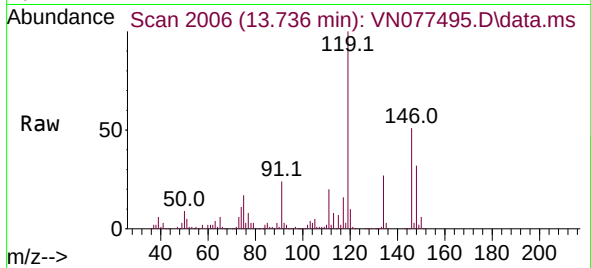




#83
1,3-Dichlorobenzene
Concen: 18.605 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

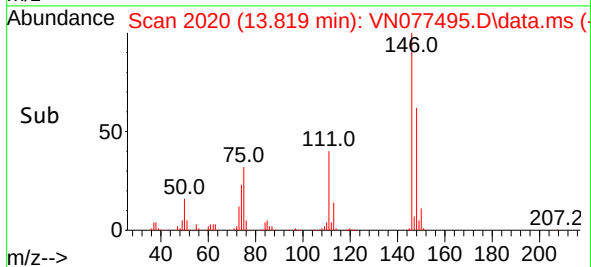
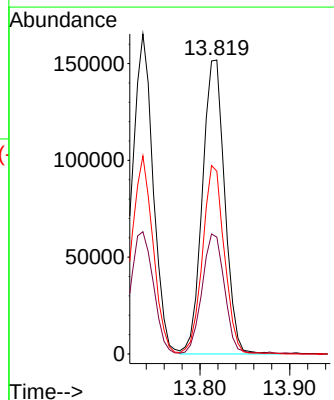
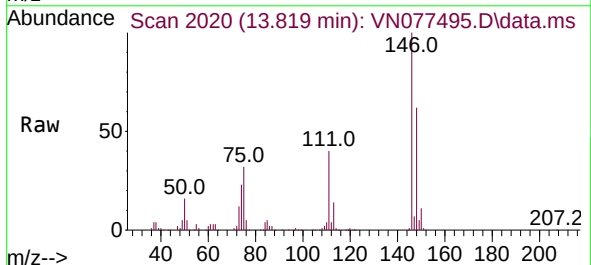
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

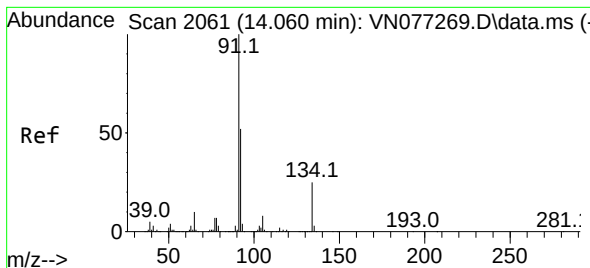
Tgt Ion:146 Resp: 272208
Ion Ratio Lower Upper
146 100
111 41.1 21.4 64.2
148 62.6 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 18.493 ug/l
RT: 13.819 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion:146 Resp: 262510
Ion Ratio Lower Upper
146 100
111 41.1 20.3 61.0
148 62.4 31.6 94.7

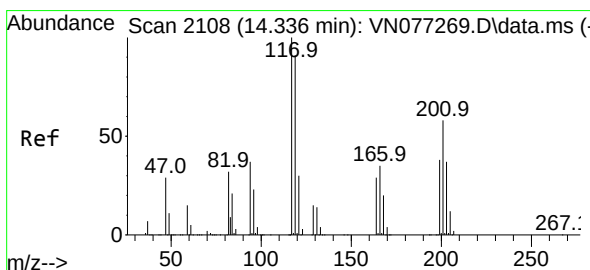
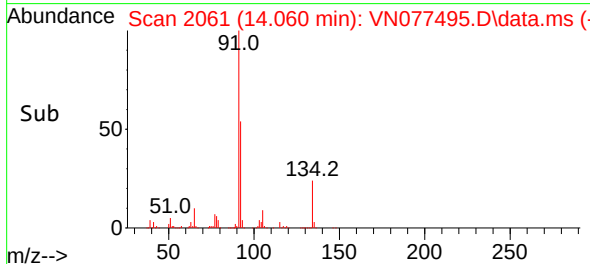
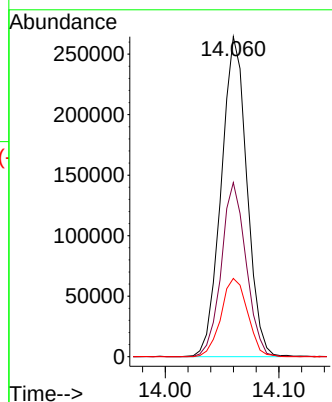
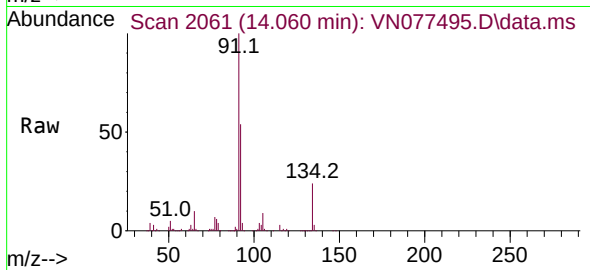




#85
n-Butylbenzene
Concen: 16.333 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

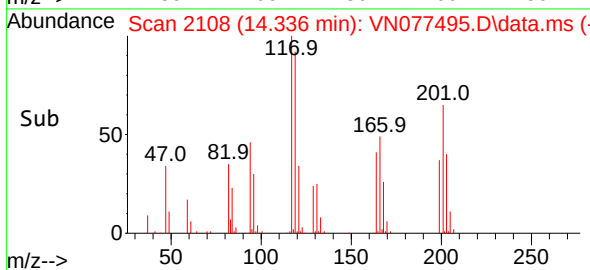
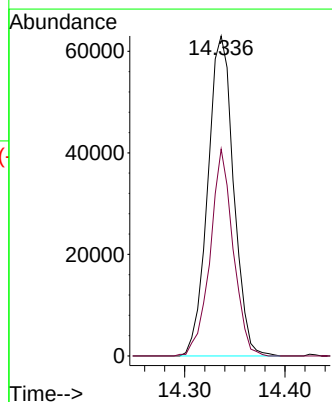
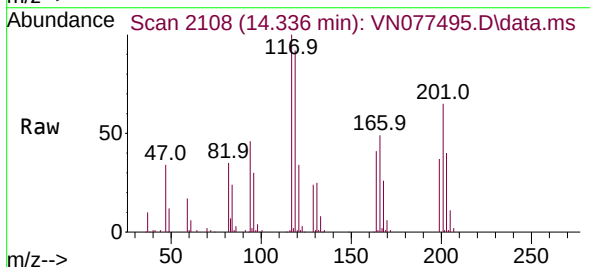
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

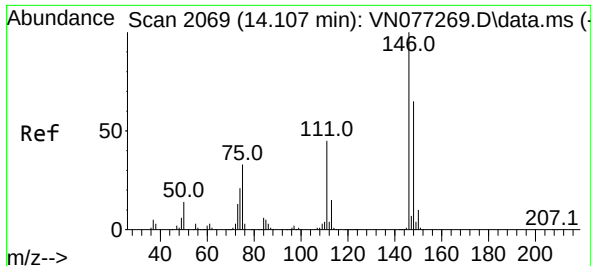
Tgt Ion: 91 Resp: 415472
Ion Ratio Lower Upper
91 100
92 52.4 0.0 105.6
134 25.2 0.0 49.4



#86
Hexachloroethane
Concen: 17.219 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077495.D
Acq: 28 Apr 2023 10:36

Tgt Ion: 117 Resp: 112756
Ion Ratio Lower Upper
117 100
201 57.4 29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 19.263 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

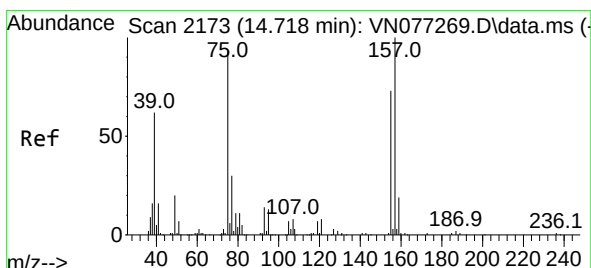
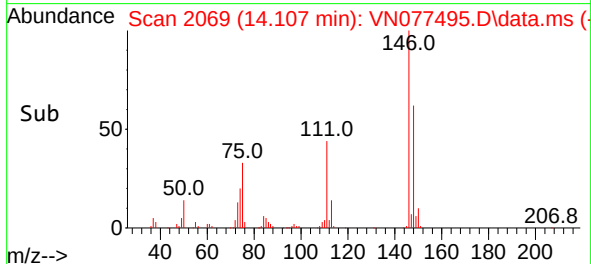
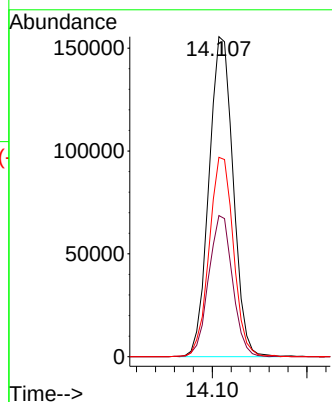
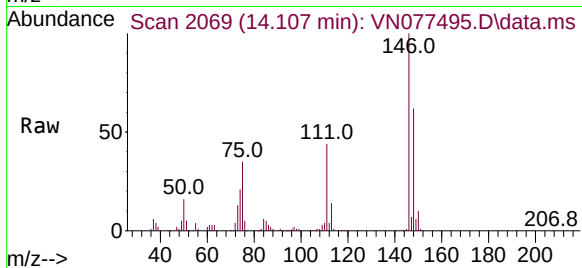
Tgt Ion:146 Resp: 276159

Ion Ratio Lower Upper

146 100

111 43.5 22.1 66.5

148 62.5 31.9 95.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.760 ug/l

RT: 14.725 min Scan# 2174

Delta R.T. 0.007 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

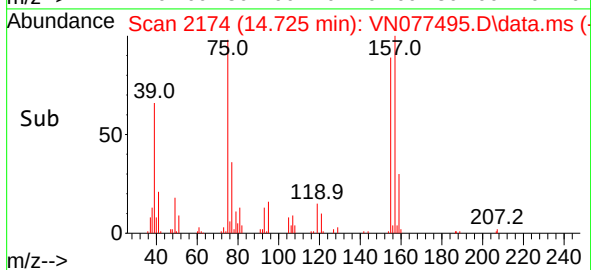
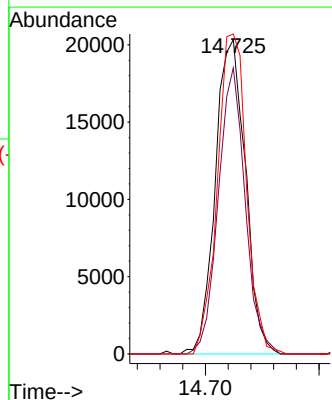
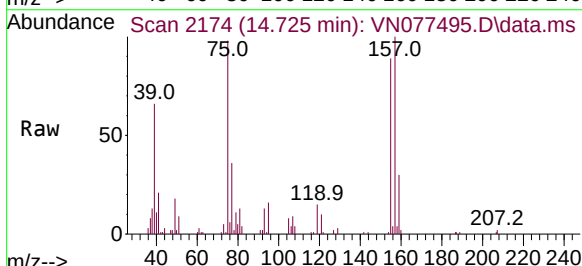
Tgt Ion: 75 Resp: 37356

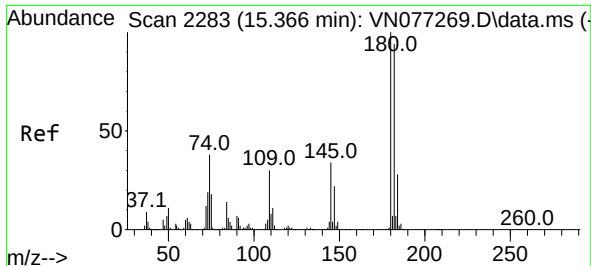
Ion Ratio Lower Upper

75 100

155 81.4 67.8 101.6

157 98.5 86.3 129.5

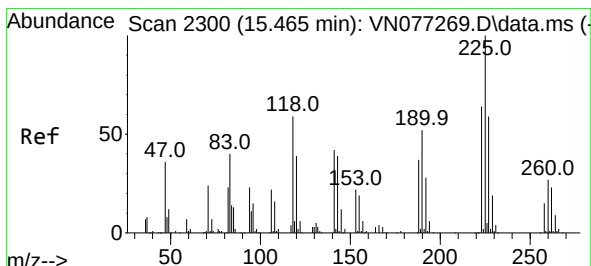
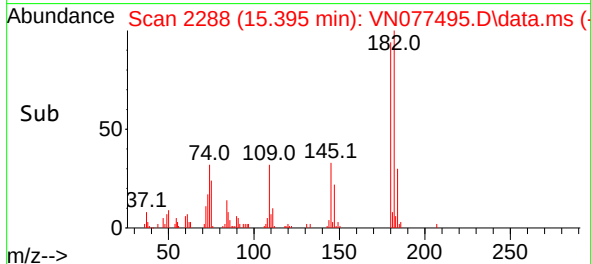
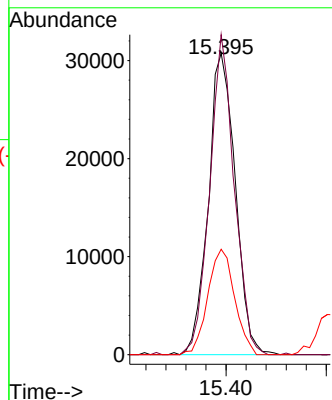
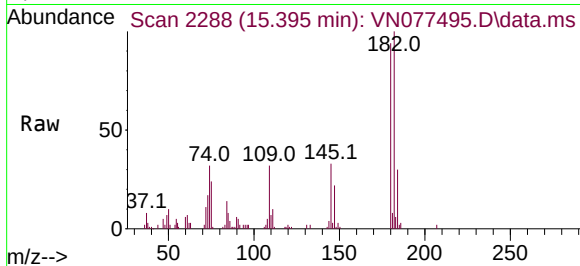




#89
 1,2,4-Trichlorobenzene
 Concen: 10.197 ug/l
 RT: 15.395 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: VN077495.D
 Acq: 28 Apr 2023 10:36

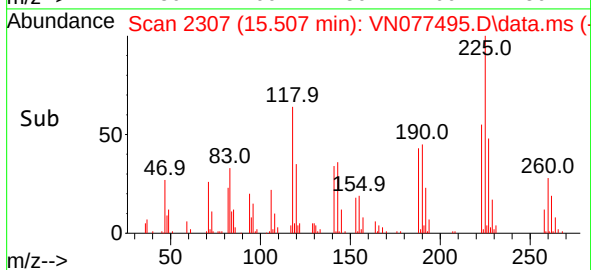
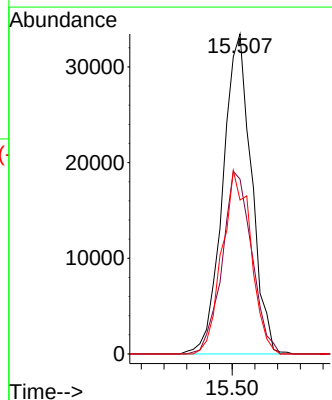
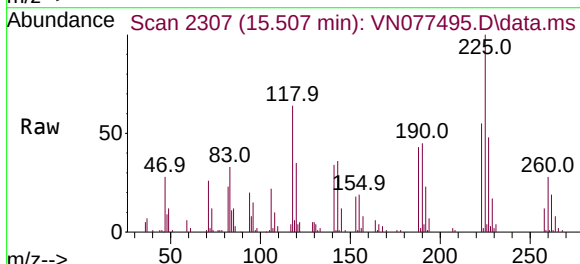
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

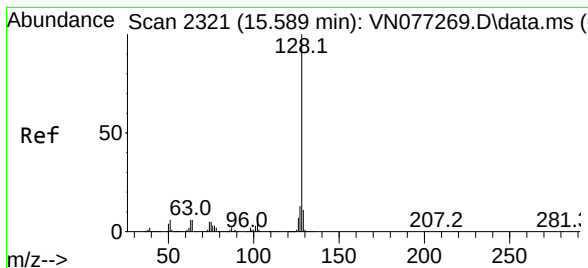
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.6	113.4
145	34.8	26.7	40.1



#90
 Hexachlorobutadiene
 Concen: 20.213 ug/l
 RT: 15.507 min Scan# 2307
 Delta R.T. 0.042 min
 Lab File: VN077495.D
 Acq: 28 Apr 2023 10:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	0.0	126.0
227	57.8	0.0	127.2





#91

Naphthalene

Concen: 9.696 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.059 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

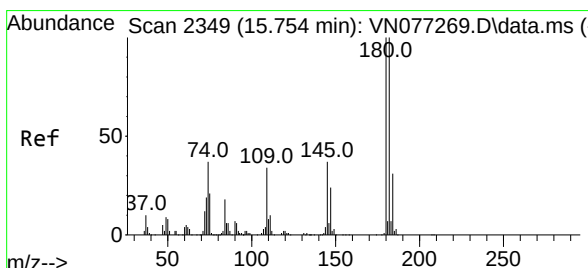
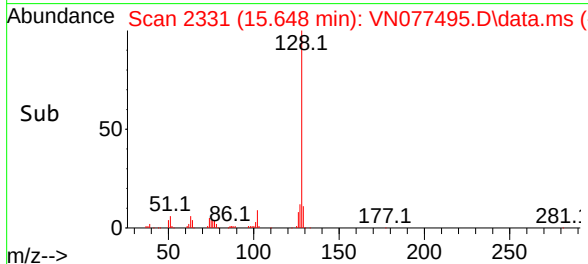
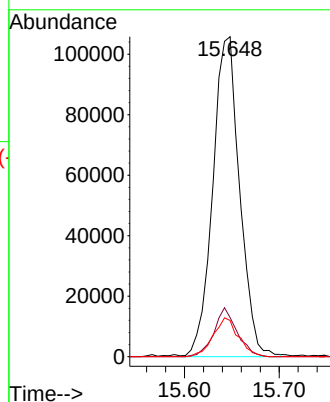
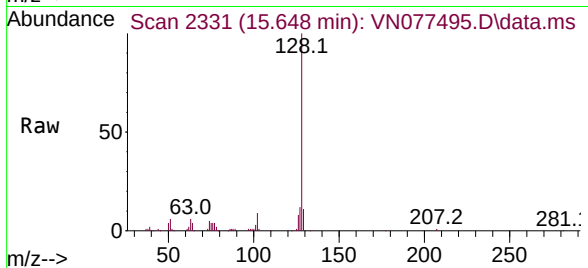
Tgt Ion:128 Resp: 208885

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.4 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 10.015 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.088 min

Lab File: VN077495.D

Acq: 28 Apr 2023 10:36

Tgt Ion:180 Resp: 55106

Ion Ratio Lower Upper

180 100

182 98.9 0.0 190.4

145 36.0 0.0 72.4

