

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077268.D
 Acq On : 07 Apr 2023 09:58
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Apr 08 05:11:24 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	60968	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	451070	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	487897	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	152190	29.433	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.100%		
60) 4-Bromofluorobenzene	12.854	95	250703	29.717	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.067%		
63) Toluene-d8	10.566	98	509463	29.703	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	107191	18.494	ug/l	100
3) Chloromethane	2.372	50	142846	18.551	ug/l	98
4) Vinyl Chloride	2.525	62	204221	18.516	ug/l	94
5) Bromomethane	2.966	94	140794	16.940	ug/l	96
6) Chloroethane	3.131	64	139094	18.815	ug/l	97
7) Trichlorofluoromethane	3.507	101	187277	18.236	ug/l	95
8) Diethyl Ether	3.972	74	82017	18.737	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	120123	18.705	ug/l	99
10) 1,1-Dichloroethene	4.349	96	115652	18.002	ug/l	96
11) Methyl Iodide	4.601	142	139070	19.161	ug/l	98
12) Methyl Acetate	5.037	43	178122	18.610	ug/l	99
13) Acrolein	4.184	56	115989	97.628	ug/l	99
14) Acrylonitrile	5.725	53	300527	91.856	ug/l	99
15) Acetone	4.431	58	128482	108.248	ug/l	96
16) Carbon Disulfide	4.719	76	307727	18.148	ug/l	99
17) Allyl chloride	5.031	41	160842	19.449	ug/l	94
18) Methylene Chloride	5.284	84	134808	18.070	ug/l	98
19) trans-1,2-Dichloroethene	5.790	96	126843	18.158	ug/l	97
20) Diisopropyl ether	6.678	45	360605	18.295	ug/l	97
21) 1,1-Dichloroethane	6.578	63	229020	18.332	ug/l	97
22) cis-1,2-Dichloroethene	7.490	96	153035	17.971	ug/l	99
23) tert-Butyl Alcohol	5.525	59	141563	97.310	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	430325	18.606	ug/l #	85
25) Chloroform	7.972	83	247295	18.265	ug/l	98
26) Cyclohexane	8.260	56	197594	18.202	ug/l #	99
29) 1,1-Dichloropropene	8.372	75	184191	18.850	ug/l	99
30) 2-Butanone	7.490	43	466176	100.886	ug/l	100
31) 2,2-Dichloropropane	7.495	77	224526	18.718	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	229366	19.074	ug/l	99
33) Carbon Tetrachloride	8.366	117	196984	19.193	ug/l	94
34) Benzene	8.613	78	573350	18.964	ug/l	98
35) Methacrylonitrile	7.778	41	81077	18.626	ug/l	97
36) 1,2-Dichloroethane	8.678	62	180115	19.001	ug/l #	90
37) Trichloroethene	9.354	130	137142	18.544	ug/l	95
38) Methylcyclohexane	9.607	83	248158	18.725	ug/l	99
39) 1,2-Dichloropropane	9.625	63	143085	19.064	ug/l	99
40) Dibromomethane	9.713	93	102393	18.934	ug/l	98
41) Bromodichloromethane	9.889	83	205468	19.054	ug/l	100
42) Vinyl Acetate	6.607	43	1258318	94.091	ug/l #	100

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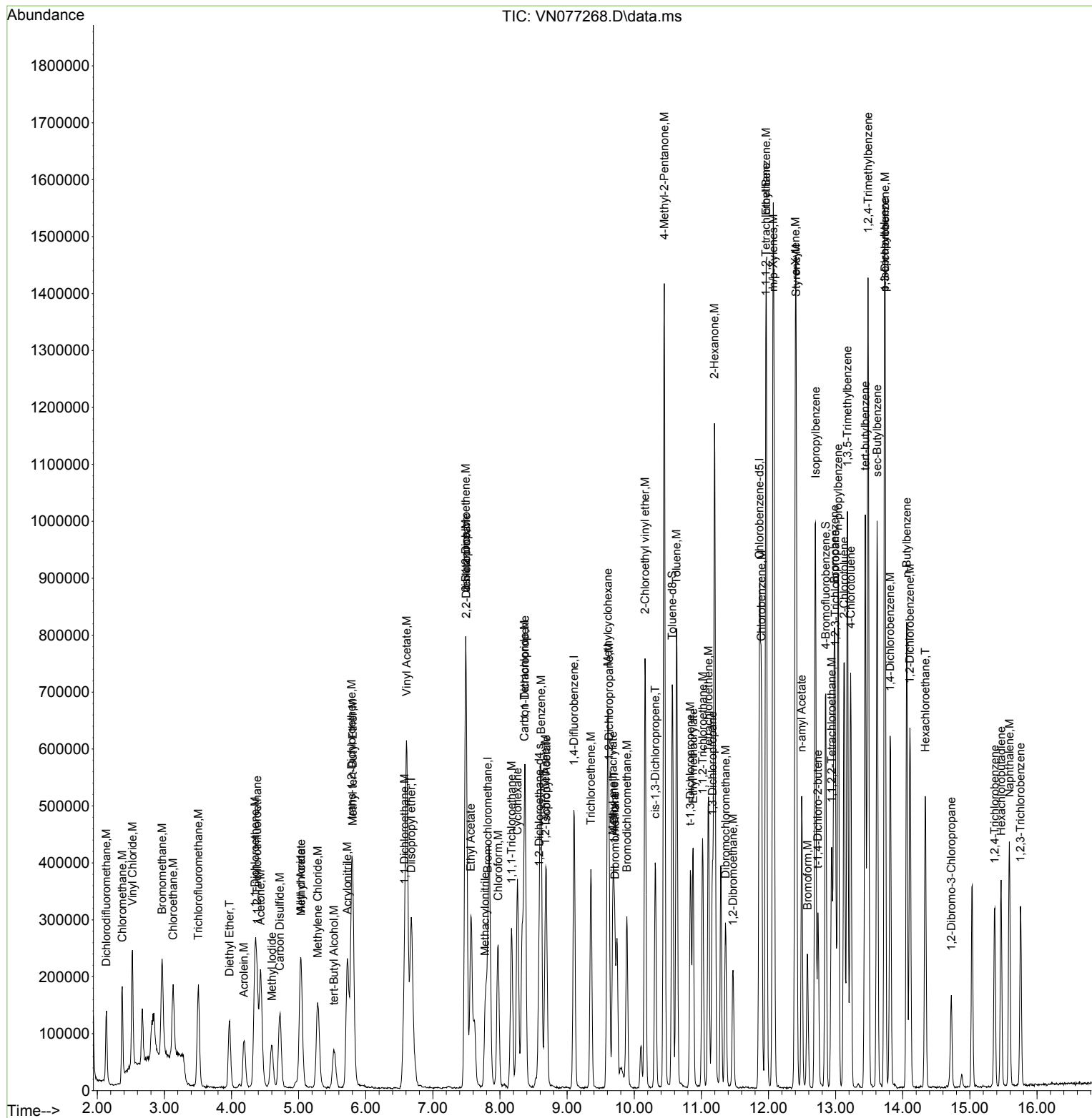
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	161407	18.880	ug/l	99
44) Isopropyl Acetate	8.689	43	295624	19.313	ug/l #	100
45) 1,4-Dioxane	9.701	88	62815	389.113	ug/l	97
46) Methyl methacrylate	9.684	41	123620	18.758	ug/l	93
47) n-amyl Acetate	12.495	43	251577	18.807	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	223747	18.540	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	241384	18.801	ug/l	97
50) 1,1,2-Trichloroethane	11.019	97	145983	18.585	ug/l	97
51) Ethyl methacrylate	10.878	69	227144	18.830	ug/l	100
52) 1,3-Dichloropropane	11.166	76	244912	18.681	ug/l	99
53) Dibromochloromethane	11.360	129	154956	18.717	ug/l	99
54) 1,2-Dibromoethane	11.472	107	150171	19.044	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	354988	95.317	ug/l	99
56) Bromoform	12.583	173	104729	18.832	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	886750	97.070	ug/l	100
59) 2-Hexanone	11.195	43	697886	98.835	ug/l	99
61) Tetrachloroethene	11.107	164	106763	18.398	ug/l	93
62) Toluene	10.631	91	640843	18.825	ug/l	100
64) Chlorobenzene	11.895	112	387373	18.730	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	146616	19.278	ug/l	98
66) Ethyl Benzene	11.966	91	707173	18.751	ug/l	99
67) m/p-Xylenes	12.072	106	548079	37.076	ug/l	98
68) o-Xylene	12.401	106	277951	18.795	ug/l	100
69) Styrene	12.413	104	440631	18.597	ug/l	99
70) Isopropylbenzene	12.701	105	707489	18.850	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	216463	18.833	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	273360	34.989	ug/l	38
73) Bromobenzene	12.983	156	144123	18.901	ug/l	98
74) n-propylbenzene	13.036	91	768999	18.518	ug/l	98
75) 2-Chlorotoluene	13.124	91	468985	18.852	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	577775	18.914	ug/l	98
77) t-1,4-Dichloro-2-butene	12.736	75	83478	20.977	ug/l	92
78) 4-Chlorotoluene	13.224	91	433733	18.452	ug/l	98
79) tert-butylbenzene	13.442	119	508584	19.130	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	572226	19.216	ug/l	98
81) sec-Butylbenzene	13.619	105	725944	19.119	ug/l	100
82) p-Isopropyltoluene	13.730	119	577351	18.980	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	263479	18.224	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	257313	18.344	ug/l	100
85) n-Butylbenzene	14.060	91	455261	18.111	ug/l	99
86) Hexachloroethane	14.336	117	120703	18.654	ug/l	100
87) 1,2-Dichlorobenzene	14.107	146	268707	18.968	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	39740	18.044	ug/l	98
89) 1,2,4-Trichlorobenzene	15.371	180	92411	16.584	ug/l	99
90) Hexachlorobutadiene	15.465	225	52227	18.275	ug/l	98
91) Naphthalene	15.589	128	364155	17.106	ug/l	98
92) 1,2,3-Trichlorobenzene	15.754	180	93487	17.194	ug/l	97

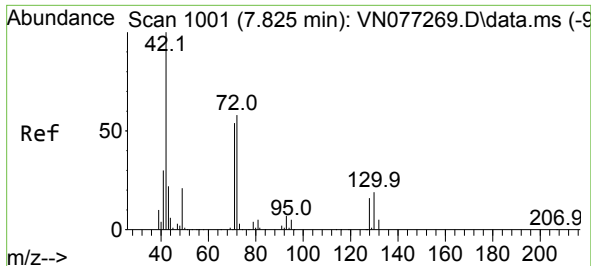
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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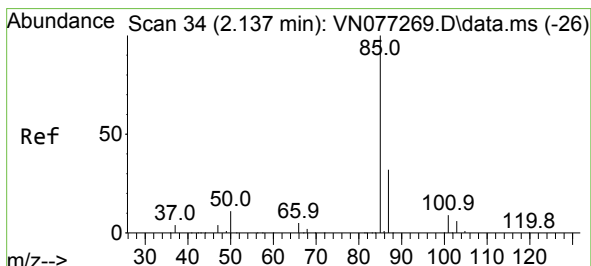
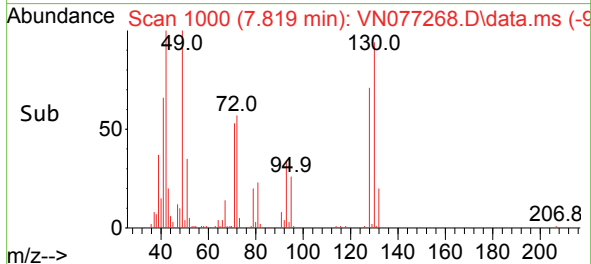
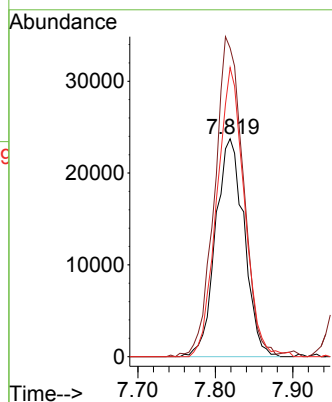
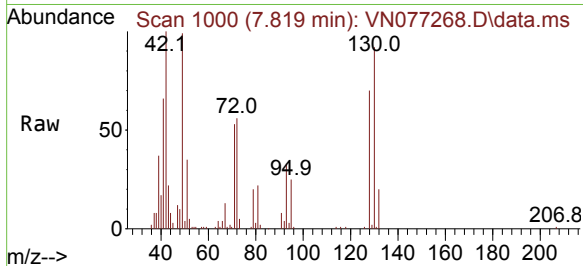




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077268.D
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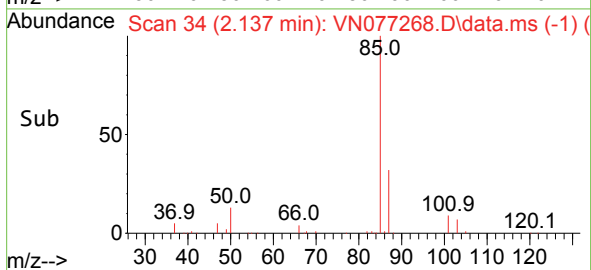
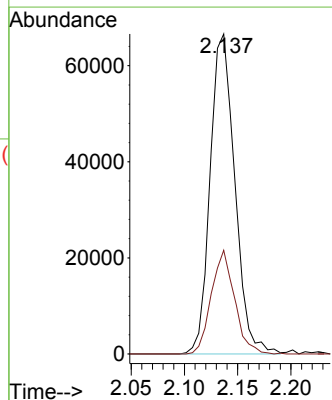
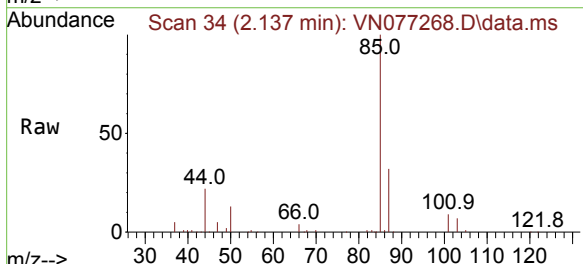
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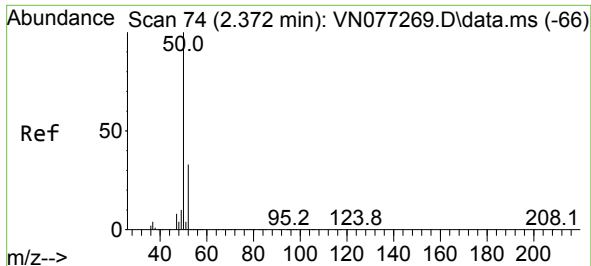
Tgt Ion:128 Resp: 60968
Ion Ratio Lower Upper
128 100
49 146.4 0.0 379.5
130 127.2 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 18.494 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 85 Resp: 107191
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

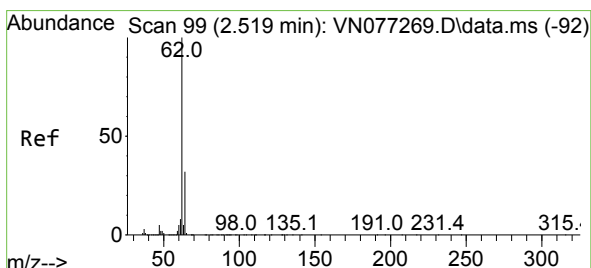
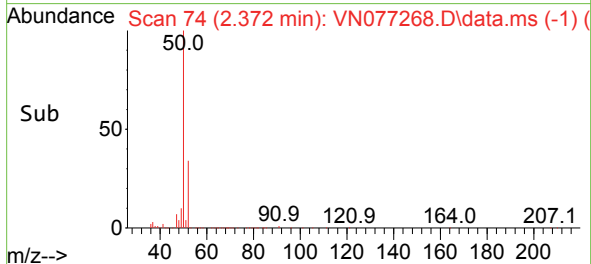
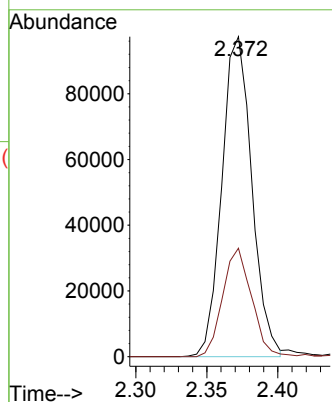
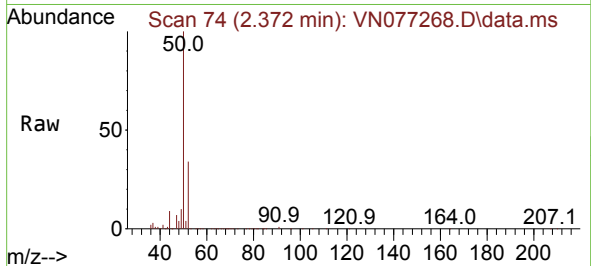




#3
Chloromethane
Concen: 18.551 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

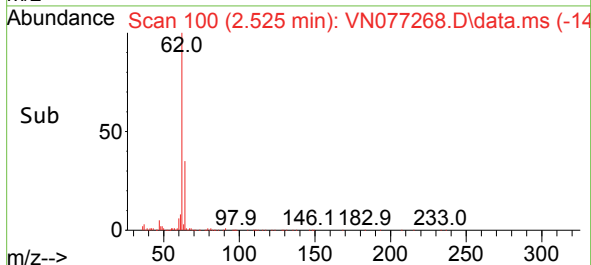
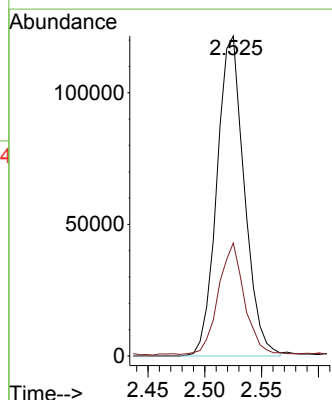
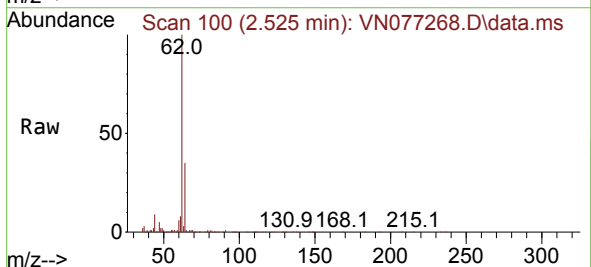
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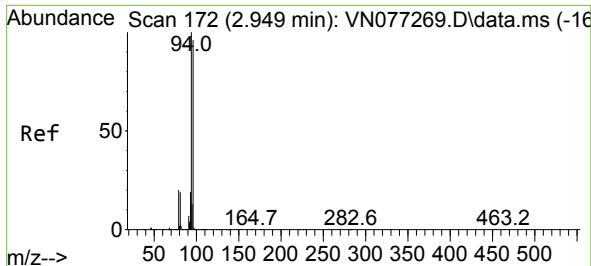
Tgt Ion: 50 Resp: 142846
Ion Ratio Lower Upper
50 100
52 33.9 26.4 39.6



#4
Vinyl Chloride
Concen: 18.516 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 62 Resp: 204221
Ion Ratio Lower Upper
62 100
64 34.8 25.4 38.0

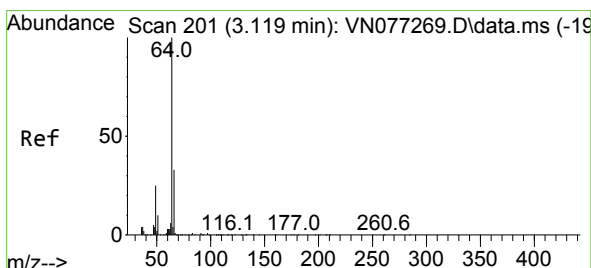
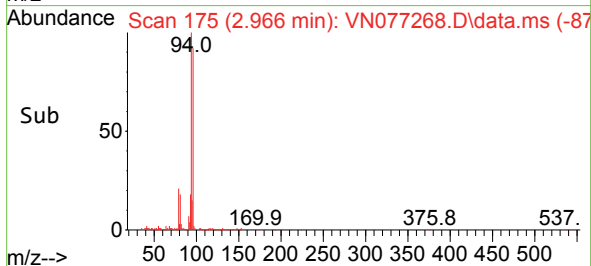
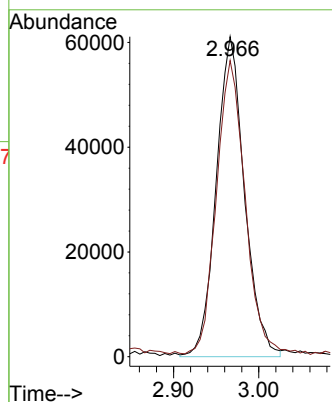
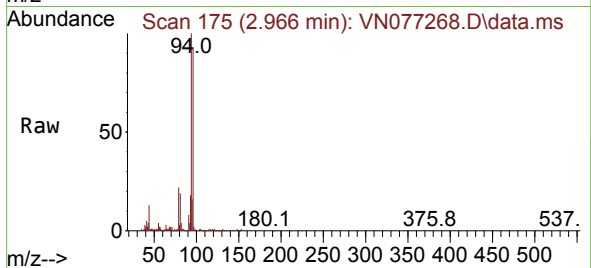




#5
Bromomethane
Concen: 16.940 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077268.D
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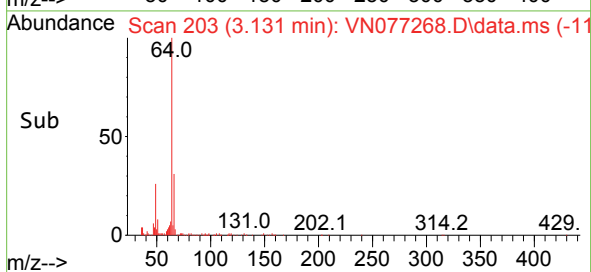
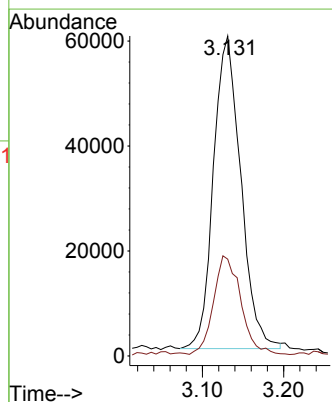
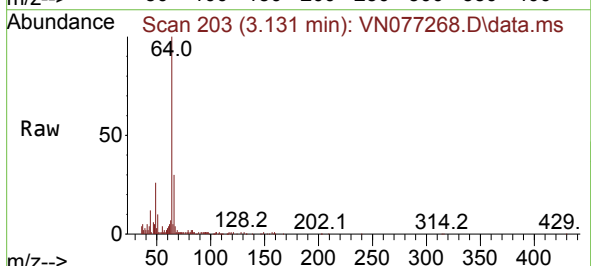
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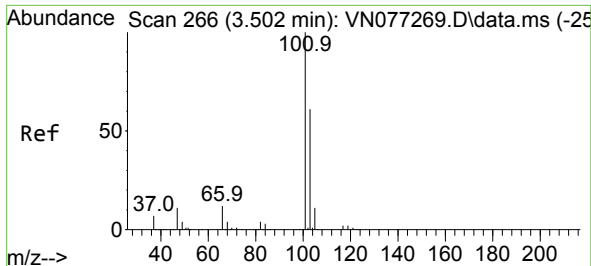
Tgt Ion: 94 Resp: 140794
Ion Ratio Lower Upper
94 100
96 92.0 77.0 115.6



#6
Chloroethane
Concen: 18.815 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 64 Resp: 139094
Ion Ratio Lower Upper
64 100
66 30.2 25.7 38.5

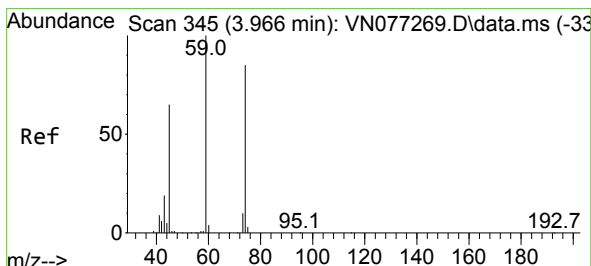
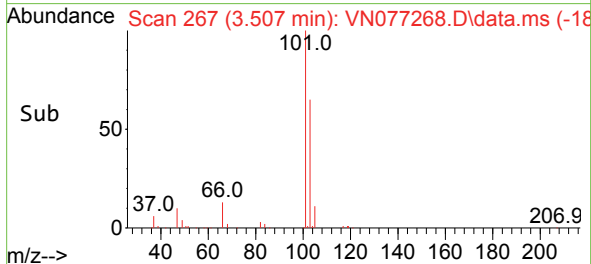
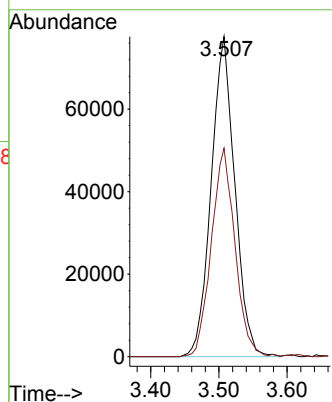
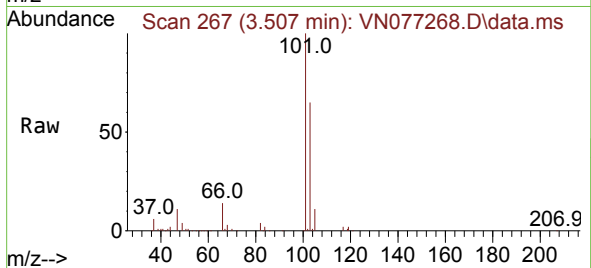




#7
Trichlorofluoromethane
Concen: 18.236 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
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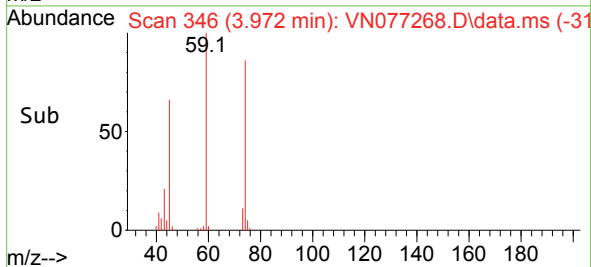
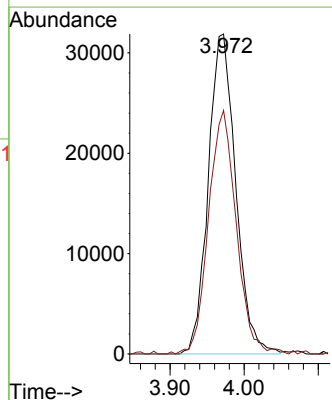
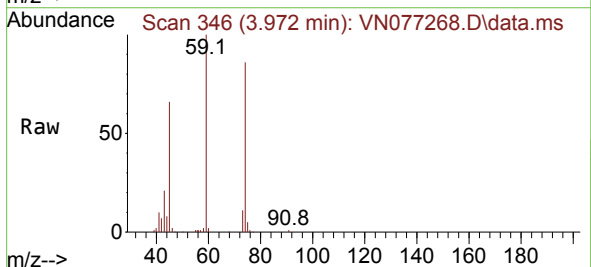
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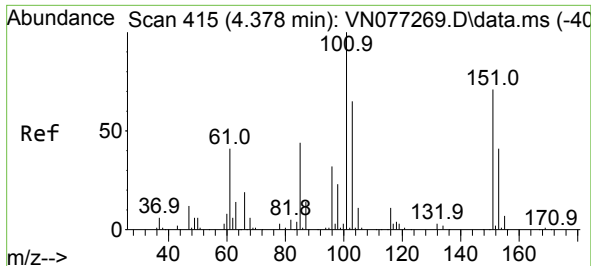
Tgt Ion:101 Resp: 187277
Ion Ratio Lower Upper
101 100
103 65.2 48.9 73.3



#8
Diethyl Ether
Concen: 18.737 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 74 Resp: 82017
Ion Ratio Lower Upper
74 100
45 76.2 14.8 133.6

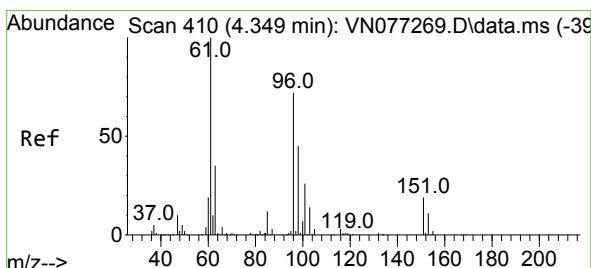
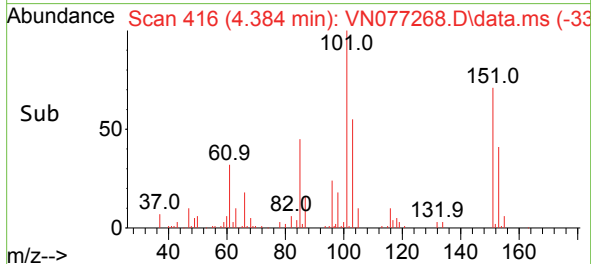
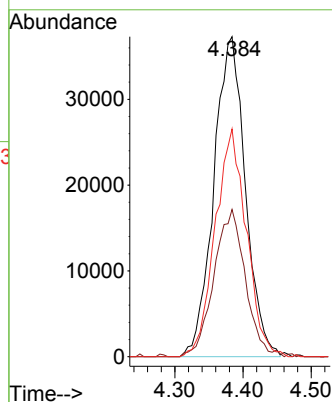
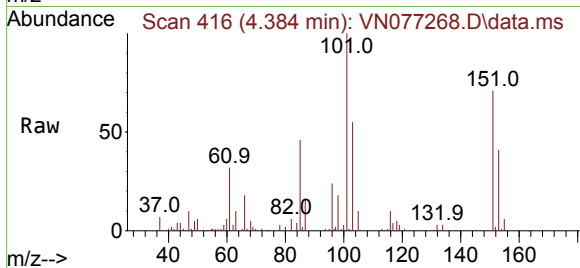




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.705 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077268.D
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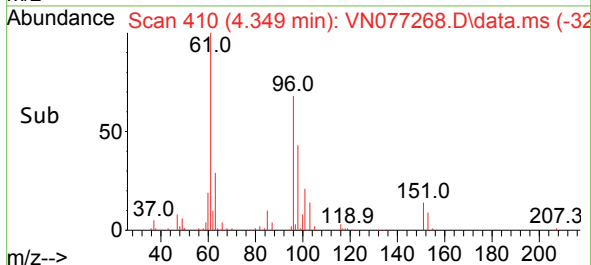
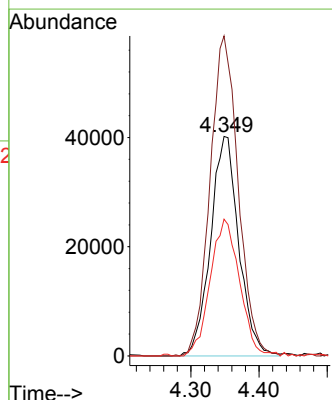
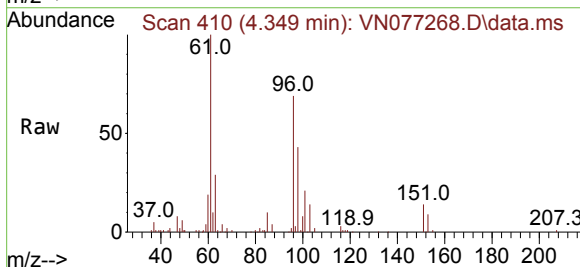
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ClientSampleId :
VSTDICCC020

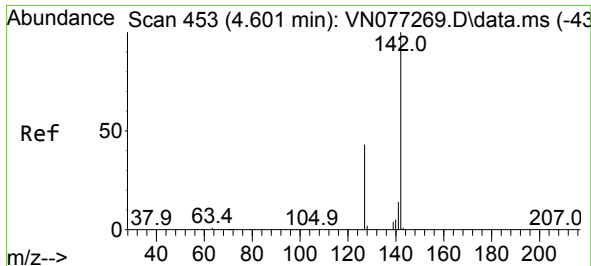
Tgt Ion:101 Resp: 120123
Ion Ratio Lower Upper
101 100
85 45.4 0.0 89.6
151 70.5 0.0 141.6



#10
1,1-Dichloroethene
Concen: 18.002 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 96 Resp: 115652
Ion Ratio Lower Upper
96 100
61 145.8 110.7 166.1
98 62.3 49.6 74.4

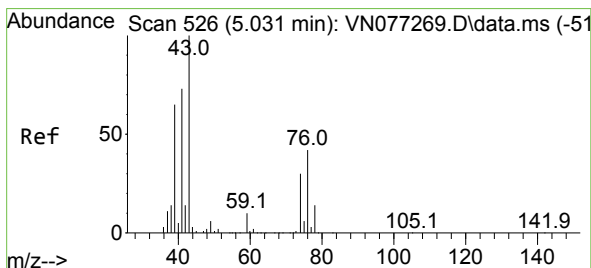
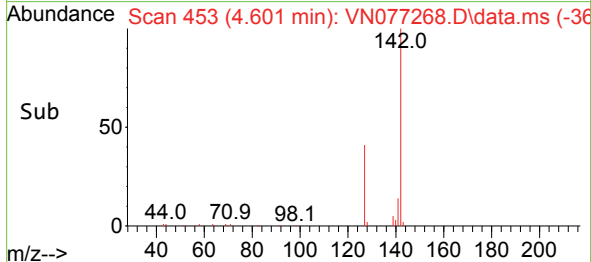
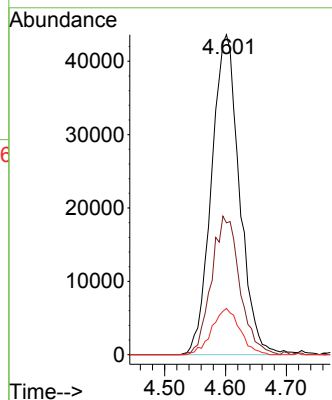
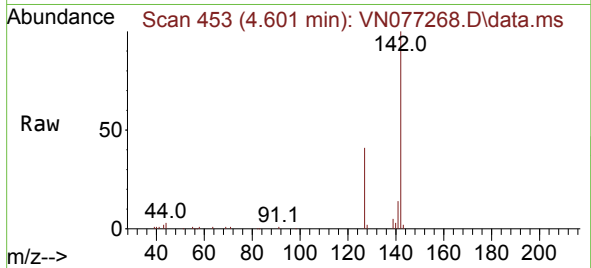




#11
Methyl Iodide
Concen: 19.161 ug/l
RT: 4.601 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

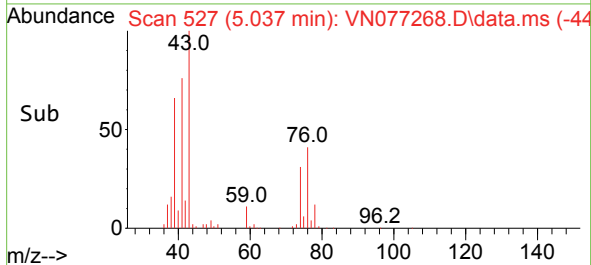
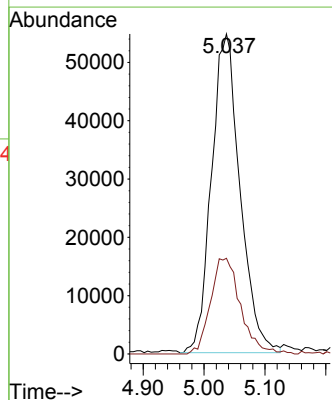
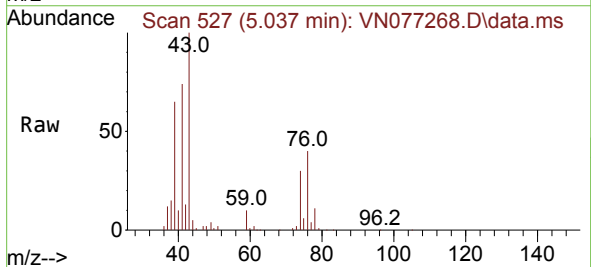
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

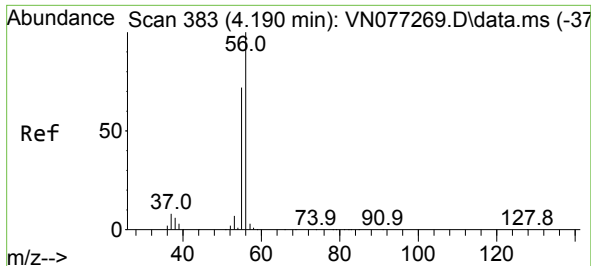
Tgt Ion:142 Resp: 139070
Ion Ratio Lower Upper
142 100
127 41.4 21.3 63.7
141 14.5 7.0 20.9



#12
Methyl Acetate
Concen: 18.610 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 43 Resp: 178122
Ion Ratio Lower Upper
43 100
74 29.9 24.2 36.2





#13

Acrolein

Concen: 97.628 ug/l

RT: 4.184 min Scan# 382

Delta R.T. -0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

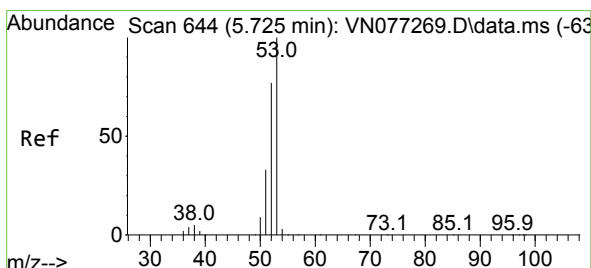
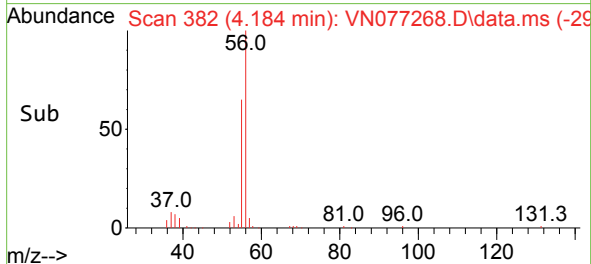
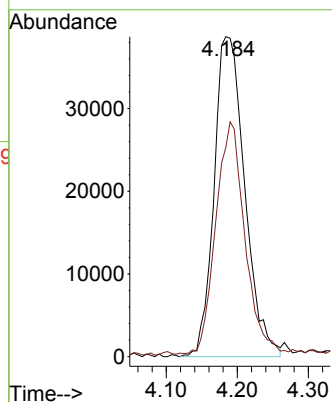
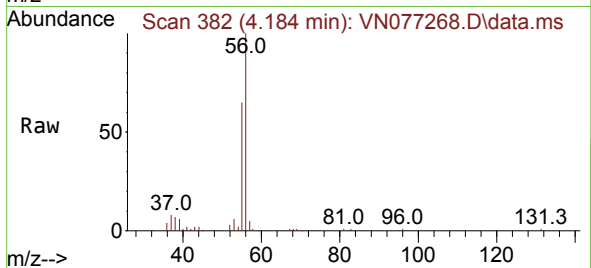
VSTDICCC020

Tgt Ion: 56 Resp: 115989

Ion Ratio Lower Upper

56 100

55 68.3 55.2 82.8



#14

Acrylonitrile

Concen: 91.856 ug/l

RT: 5.725 min Scan# 644

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

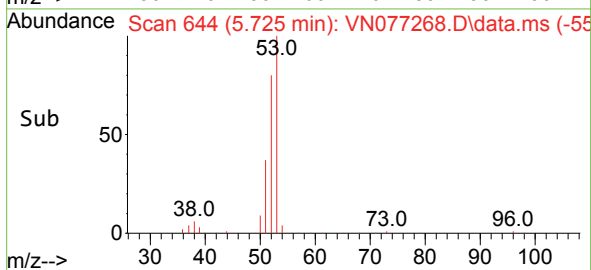
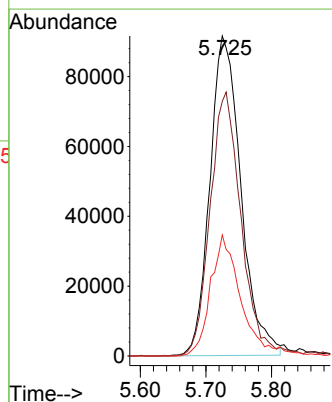
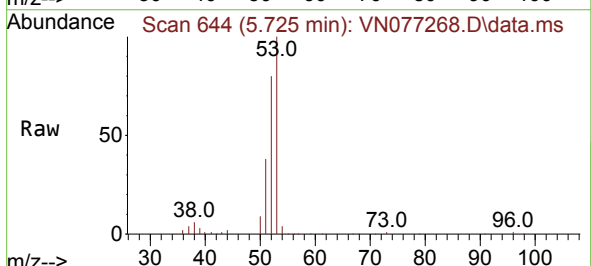
Tgt Ion: 53 Resp: 300527

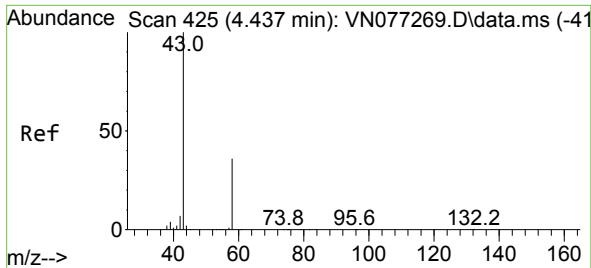
Ion Ratio Lower Upper

53 100

52 81.5 41.0 123.0

51 36.0 17.7 53.1

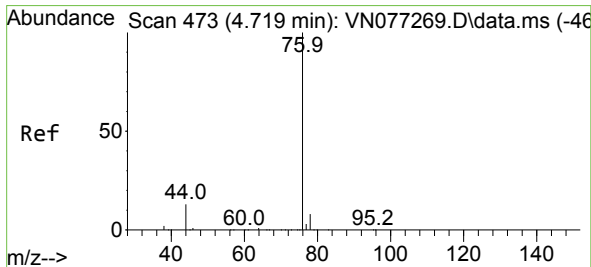
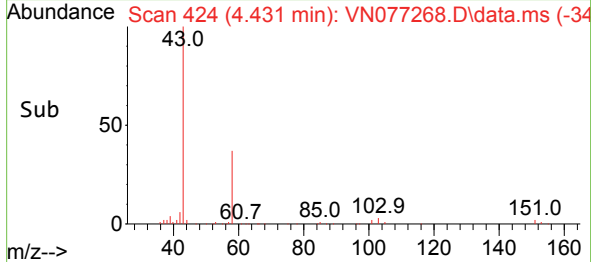
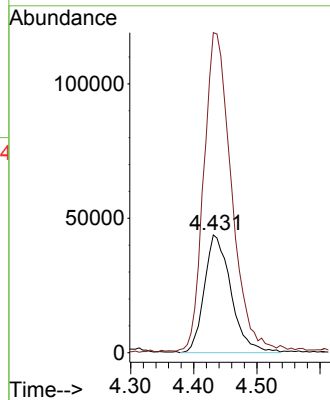
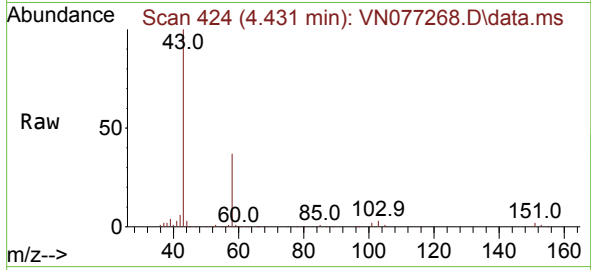




#15
Acetone
Concen: 108.248 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

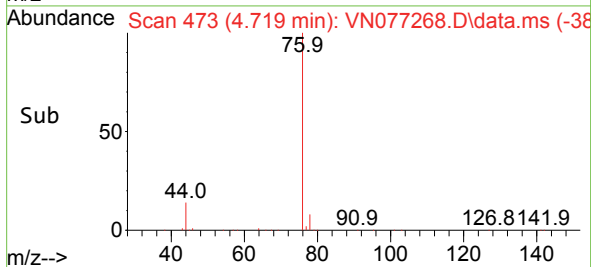
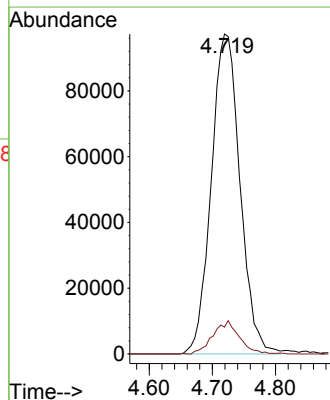
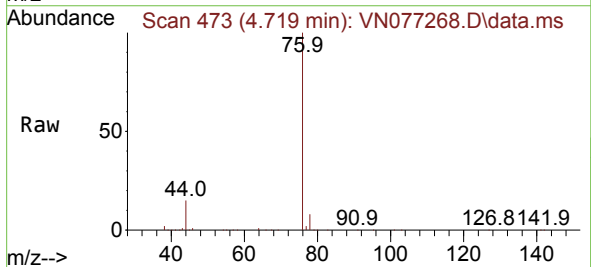
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

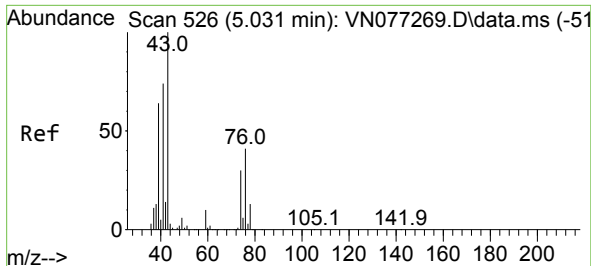
Tgt Ion: 58 Resp: 128482
Ion Ratio Lower Upper
58 100
43 268.9 220.9 331.3



#16
Carbon Disulfide
Concen: 18.148 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 76 Resp: 307727
Ion Ratio Lower Upper
76 100
78 8.4 6.3 9.5

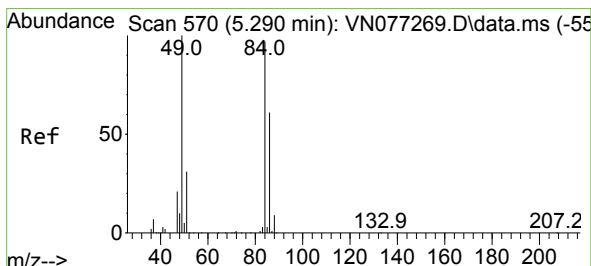
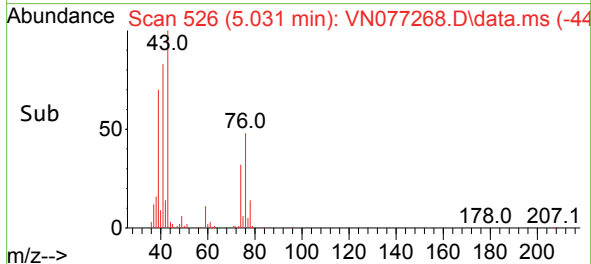
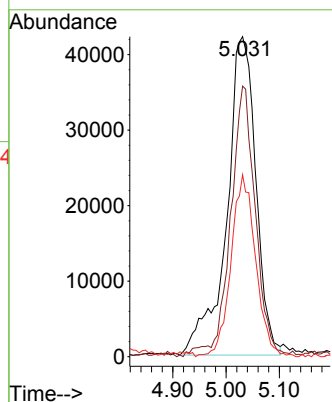
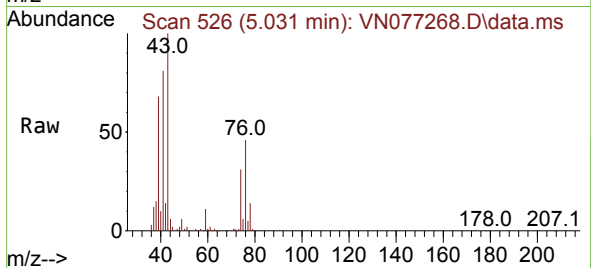




#17
 Allyl chloride
 Concen: 19.449 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

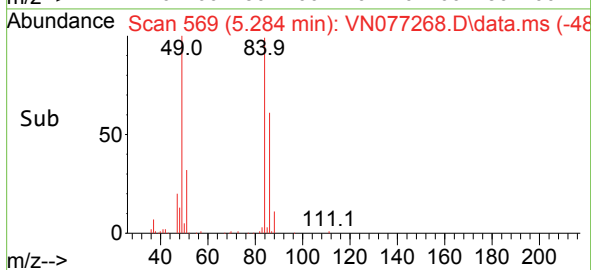
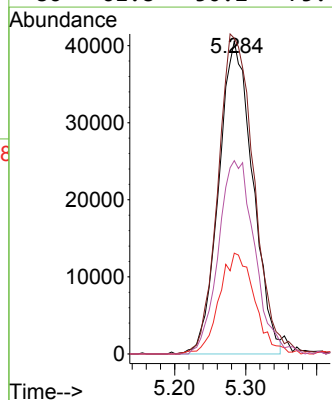
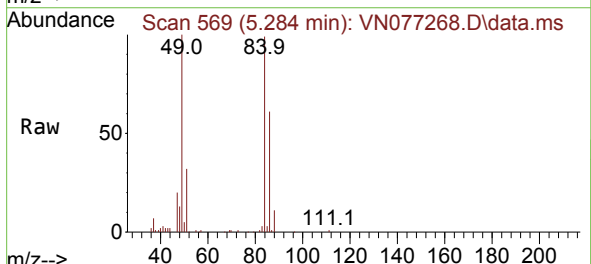
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

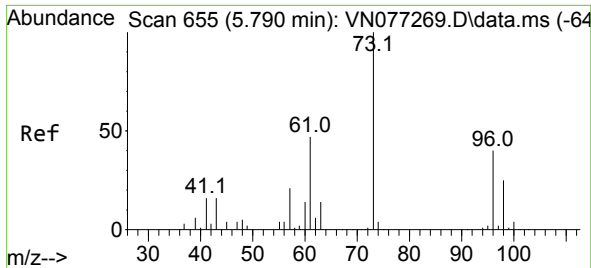
Tgt Ion: 41 Resp: 160842
 Ion Ratio Lower Upper
 41 100
 39 84.4 40.3 120.9
 76 56.3 25.3 75.8



#18
 Methylene Chloride
 Concen: 18.070 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

Tgt Ion: 84 Resp: 134808
 Ion Ratio Lower Upper
 84 100
 49 100.5 82.7 124.1
 51 32.2 25.6 38.4
 86 61.8 50.2 75.4

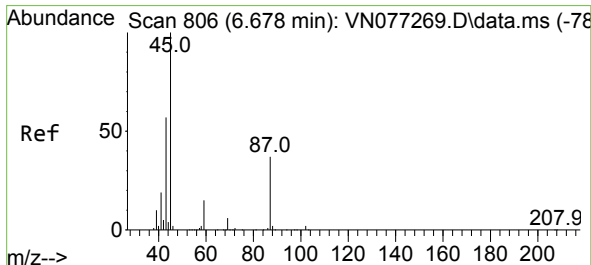
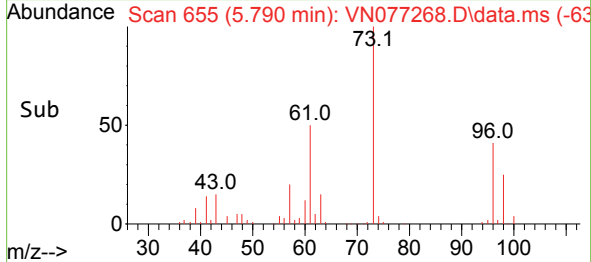
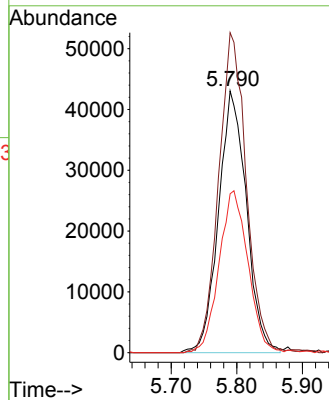
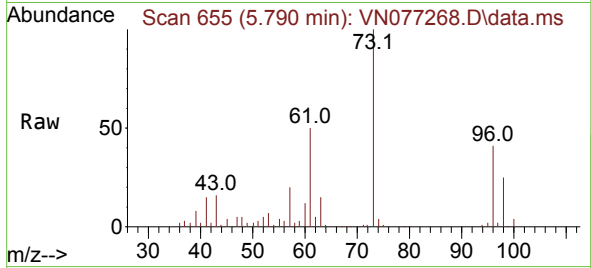




#19
trans-1,2-Dichloroethene
Concen: 18.158 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

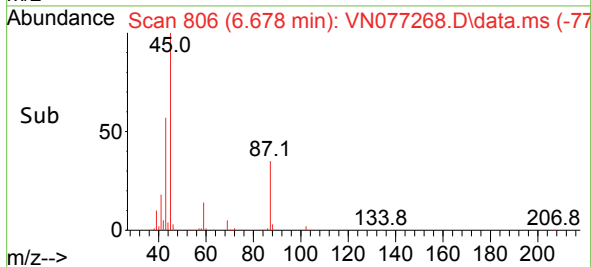
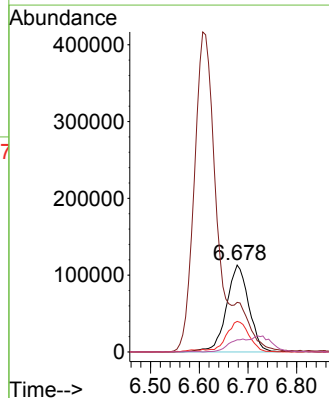
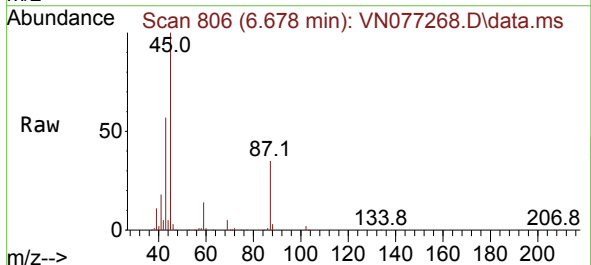
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

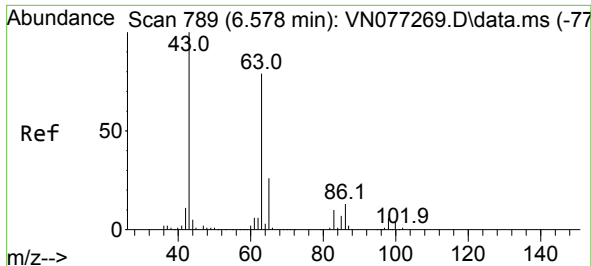
Tgt Ion: 96 Resp: 126843
Ion Ratio Lower Upper
96 100
61 122.2 94.5 141.7
98 60.7 49.8 74.8



#20
Diisopropyl ether
Concen: 18.295 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 45 Resp: 360605
Ion Ratio Lower Upper
45 100
43 54.9 45.9 68.9
87 35.2 30.1 45.1
59 13.8 11.5 17.3





#21

1,1-Dichloroethane

Concen: 18.332 ug/l

RT: 6.578 min Scan# 789

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

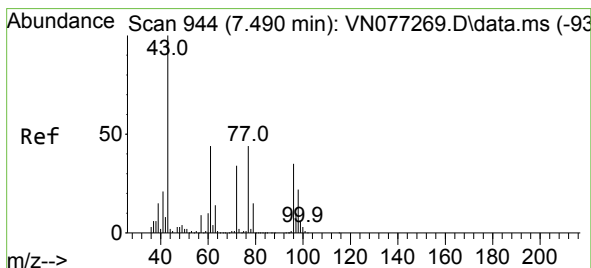
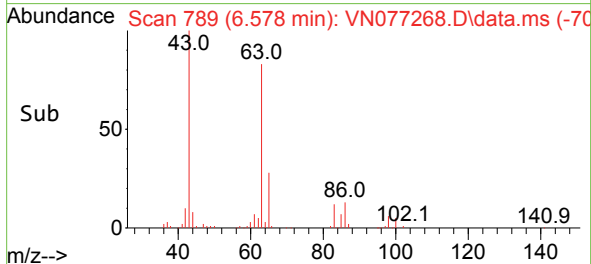
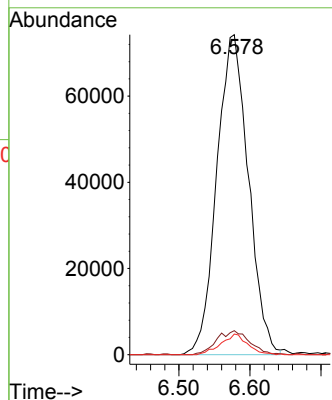
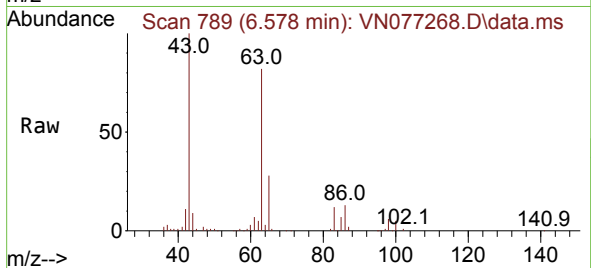
Tgt Ion: 63 Resp: 229020

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 6.5 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 17.971 ug/l

RT: 7.490 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

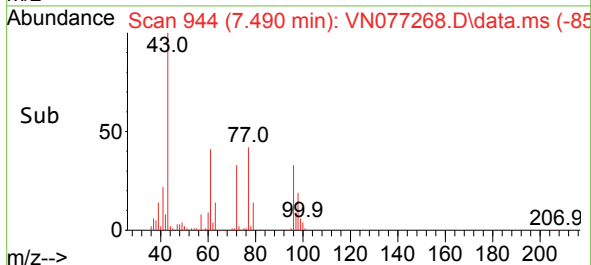
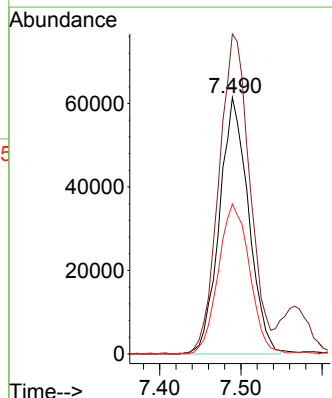
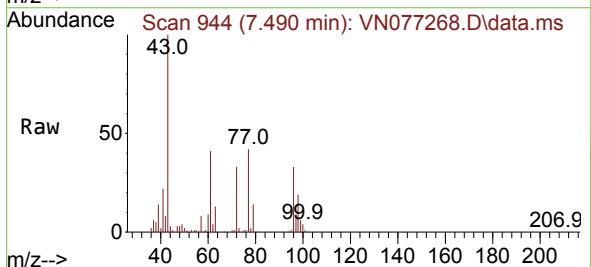
Tgt Ion: 96 Resp: 153035

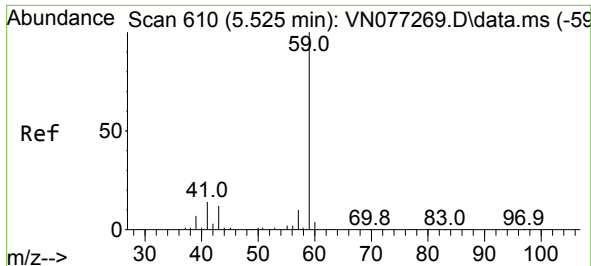
Ion Ratio Lower Upper

96 100

61 131.8 105.5 158.3

98 62.6 51.8 77.6

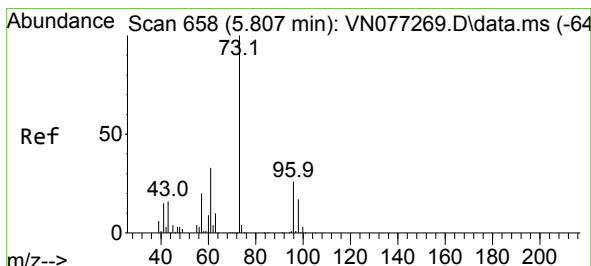
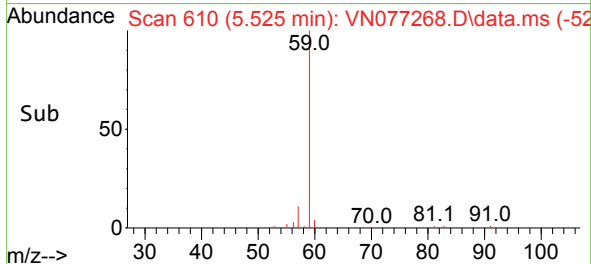
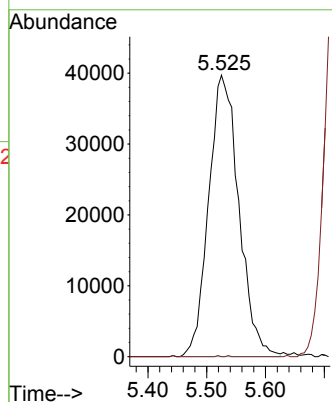
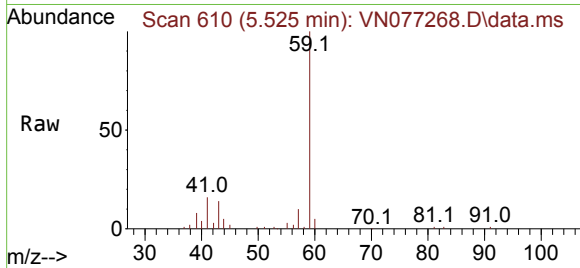




#23
tert-Butyl Alcohol
Concen: 97.310 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

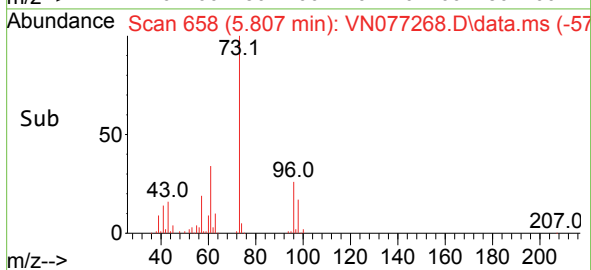
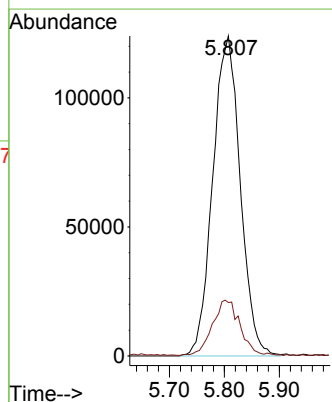
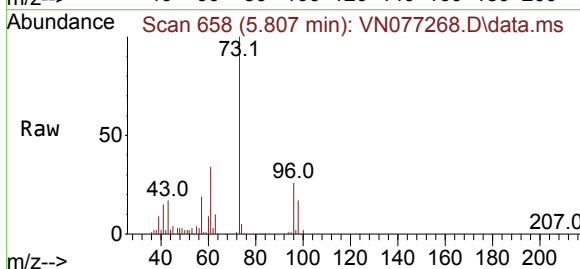
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

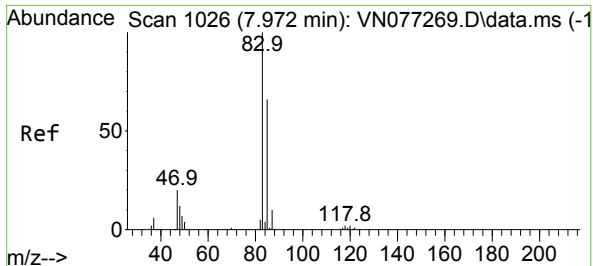
Tgt Ion: 59 Resp: 141563
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 18.606 ug/l
RT: 5.807 min Scan# 658
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 73 Resp: 430325
Ion Ratio Lower Upper
73 100
43 10.6 13.5 20.3#





#25

Chloroform

Concen: 18.265 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

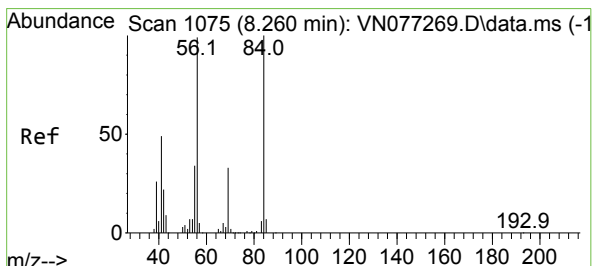
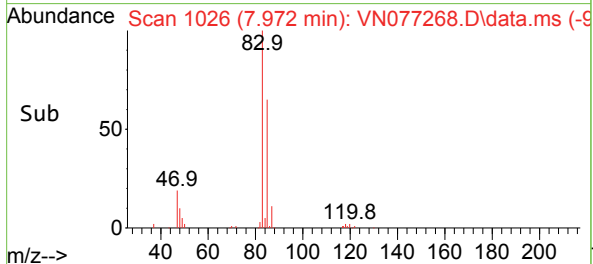
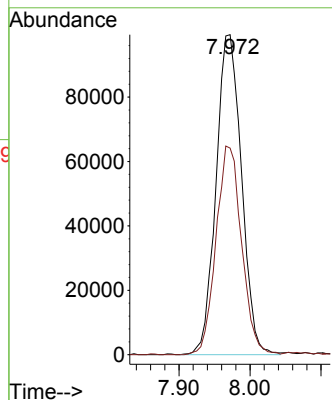
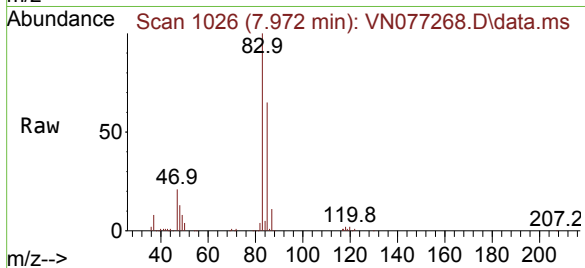
VSTDICCC020

Tgt Ion: 83 Resp: 247295

Ion Ratio Lower Upper

83 100

85 64.6 52.9 79.3



#26

Cyclohexane

Concen: 18.202 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

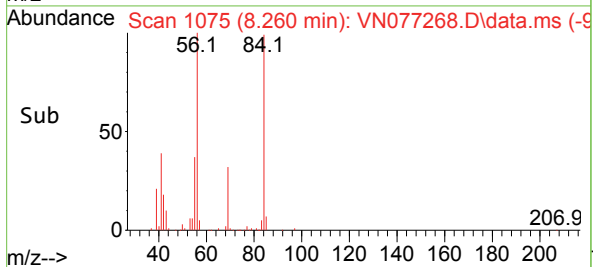
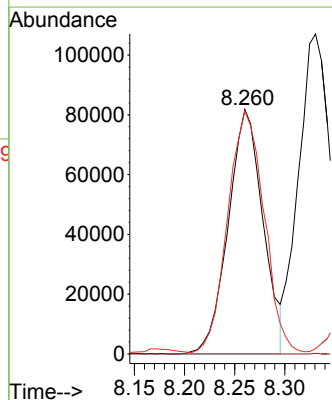
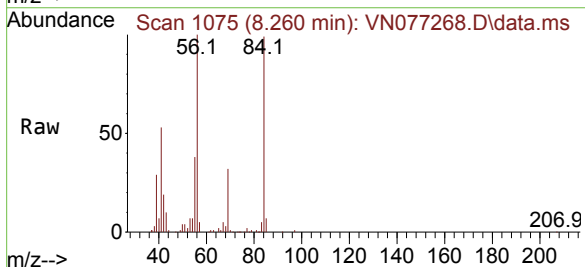
Tgt Ion: 56 Resp: 197594

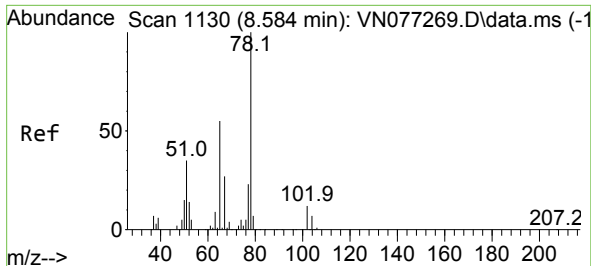
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 104.5 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 29.433 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

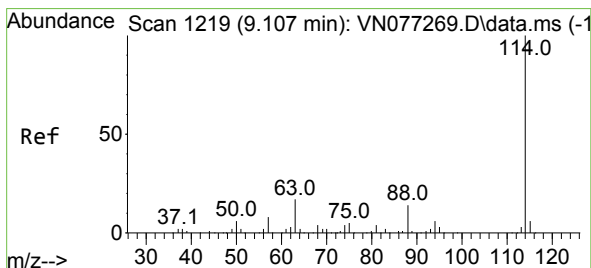
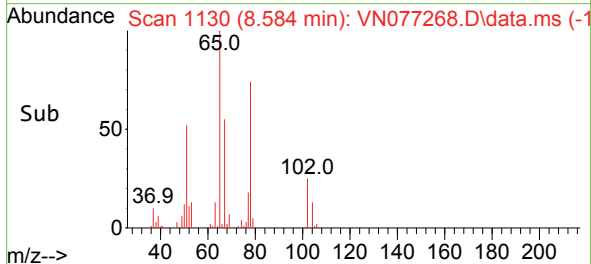
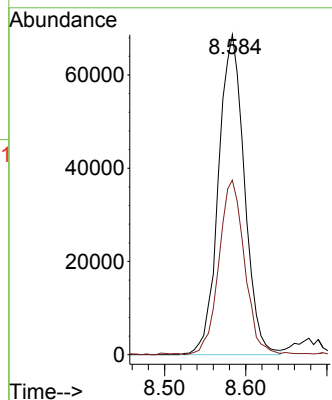
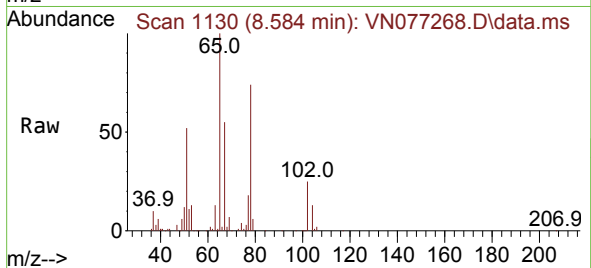
VSTDICCC020

Tgt Ion: 65 Resp: 152190

Ion Ratio Lower Upper

65 100

67 53.9 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

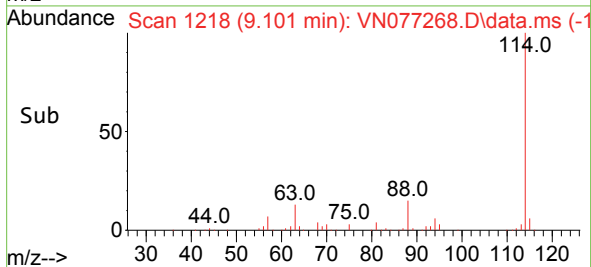
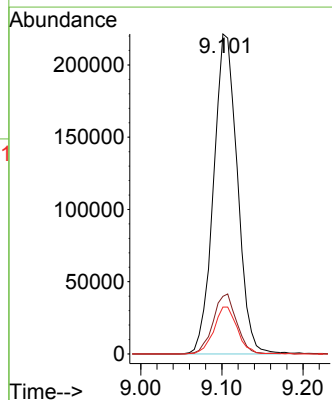
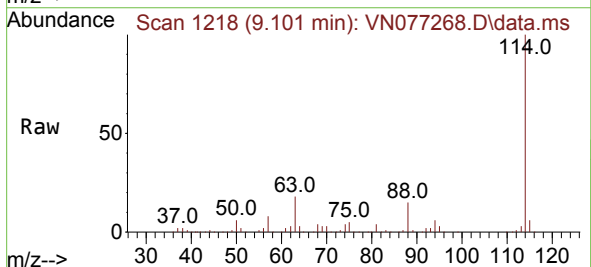
Tgt Ion: 114 Resp: 451070

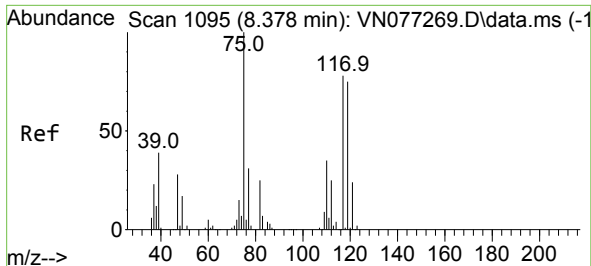
Ion Ratio Lower Upper

114 100

63 18.7 15.0 22.4

88 14.4 11.9 17.9





#29

1,1-Dichloropropene

Concen: 18.850 ug/l

RT: 8.372 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

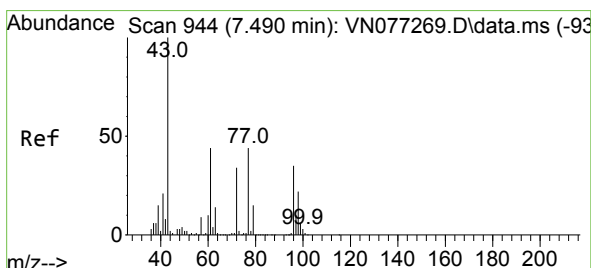
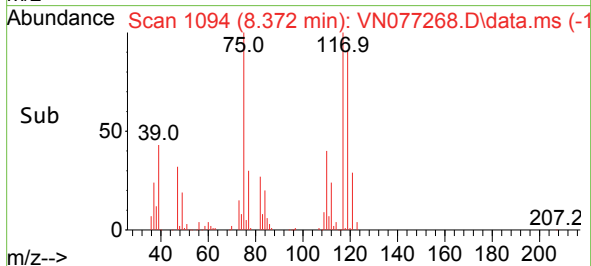
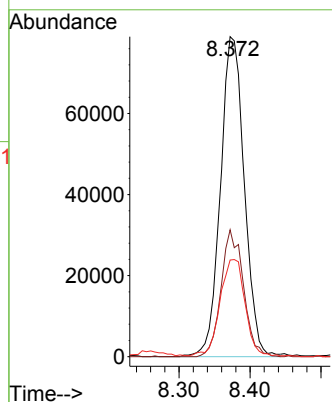
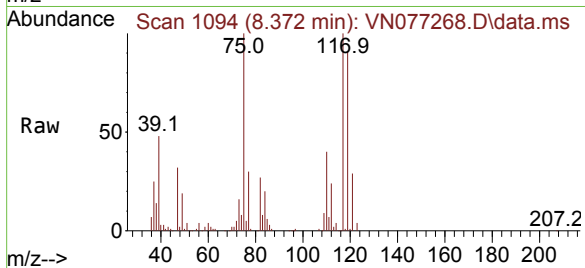
Tgt Ion: 75 Resp: 184191

Ion Ratio Lower Upper

75 100

110 37.1 0.0 72.4

77 31.0 0.0 61.4



#30

2-Butanone

Concen: 100.886 ug/l

RT: 7.490 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

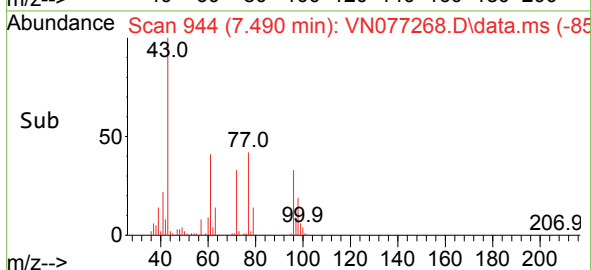
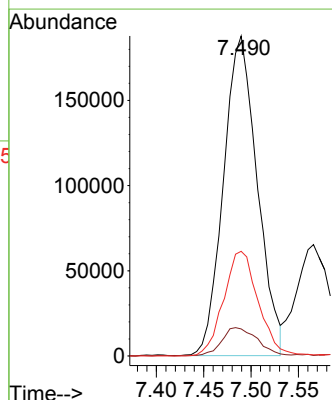
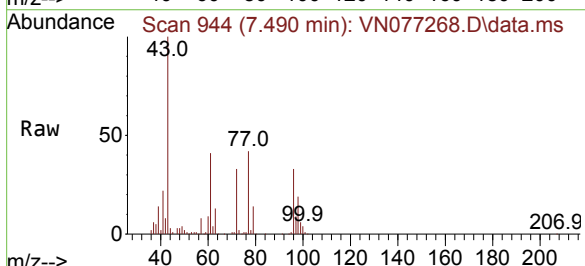
Tgt Ion: 43 Resp: 466176

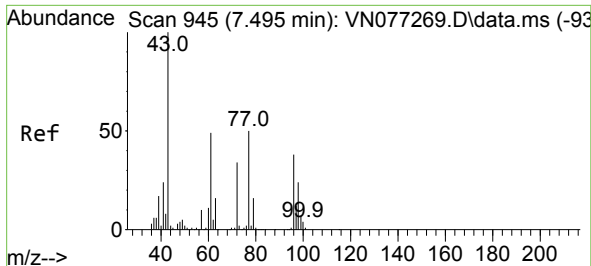
Ion Ratio Lower Upper

43 100

57 9.4 7.5 11.3

72 33.7 26.9 40.3





#31

2,2-Dichloropropane

Concen: 18.718 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

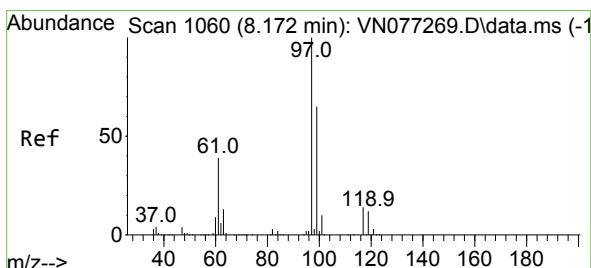
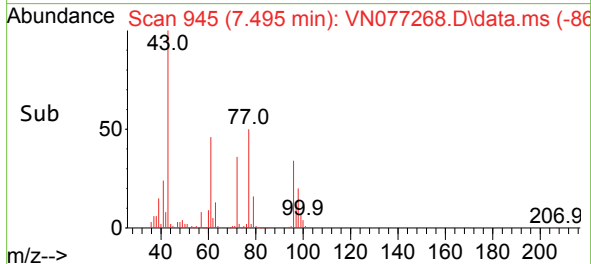
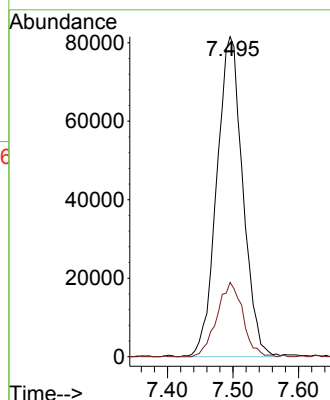
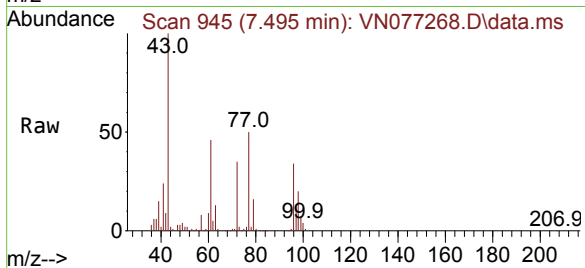
VSTDICCC020

Tgt Ion: 77 Resp: 224526

Ion Ratio Lower Upper

77 100

97 23.0 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 19.074 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

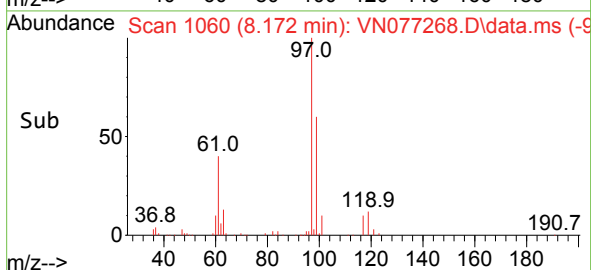
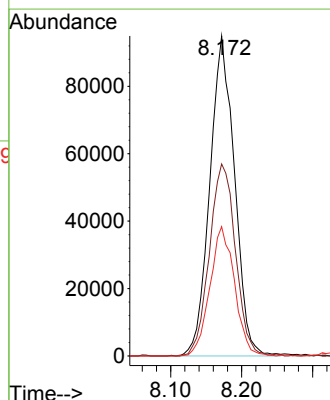
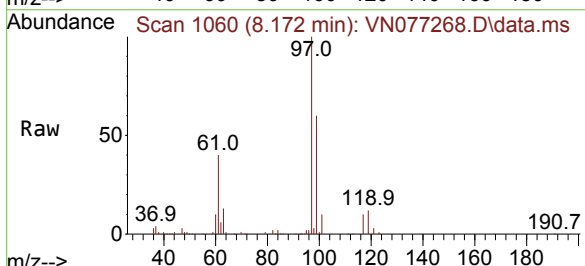
Tgt Ion: 97 Resp: 229366

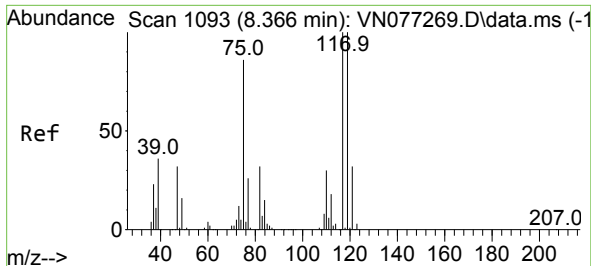
Ion Ratio Lower Upper

97 100

99 63.3 51.6 77.4

61 40.3 32.4 48.6

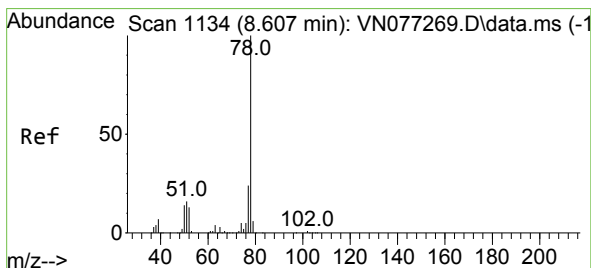
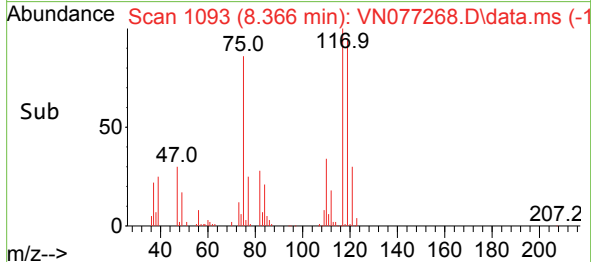
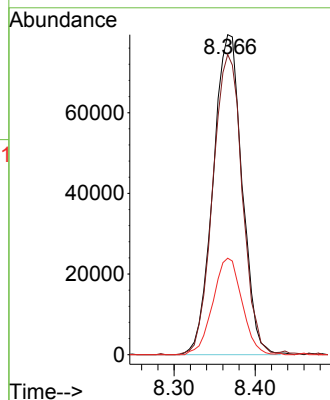
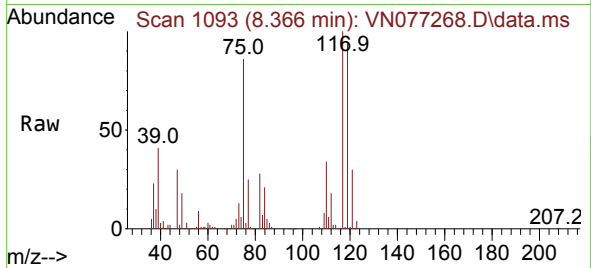




#33
Carbon Tetrachloride
Concen: 19.193 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

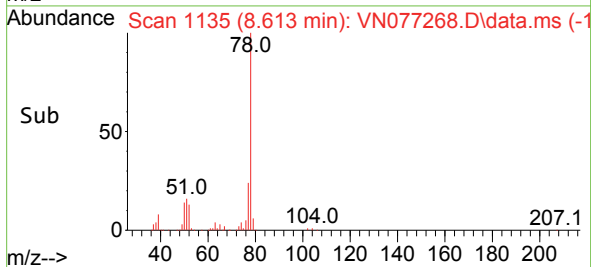
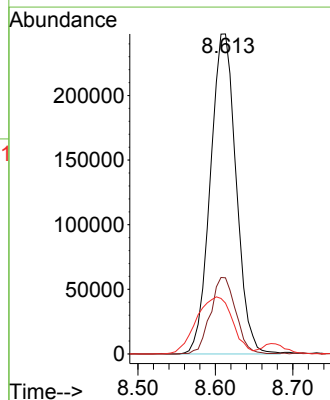
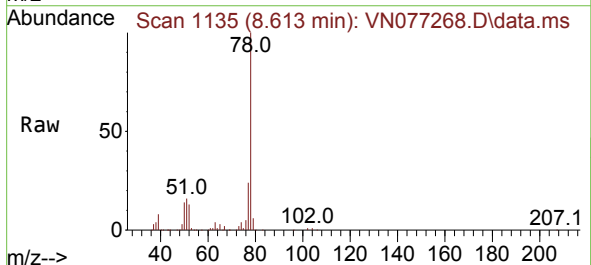
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

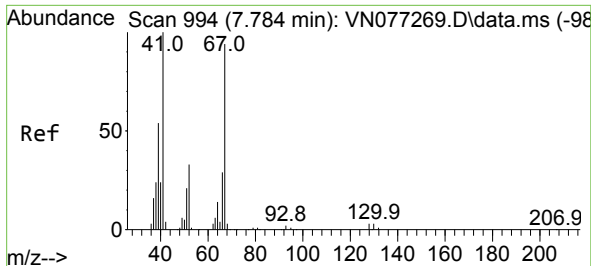
Tgt Ion:117 Resp: 196984
Ion Ratio Lower Upper
117 100
119 93.6 80.2 120.4
121 30.1 26.0 39.0



#34
Benzene
Concen: 18.964 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 78 Resp: 573350
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0
51 13.9 12.6 19.0

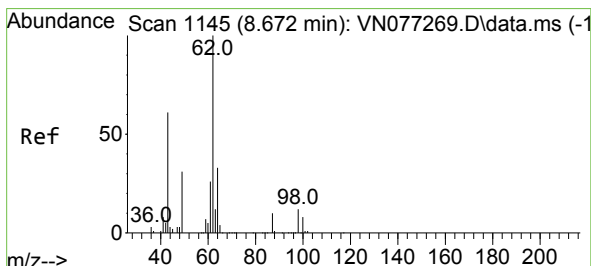
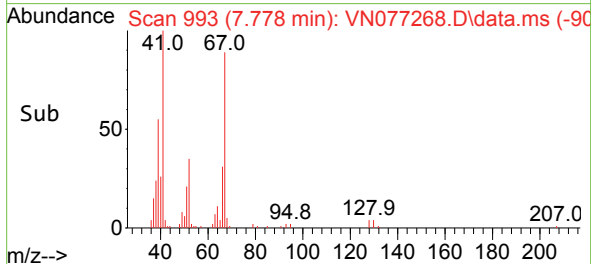
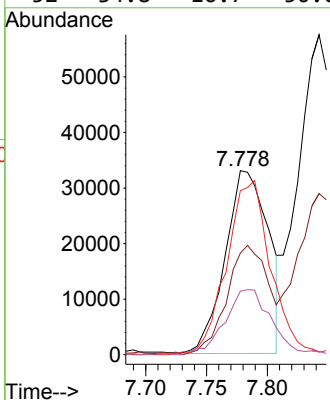
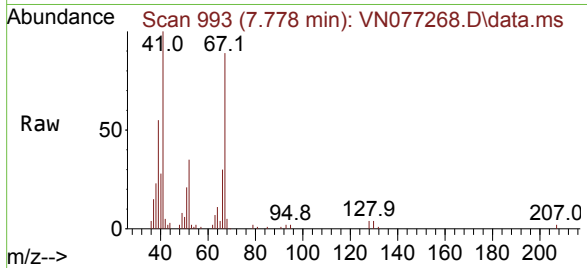




#35
Methacrylonitrile
Concen: 18.626 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

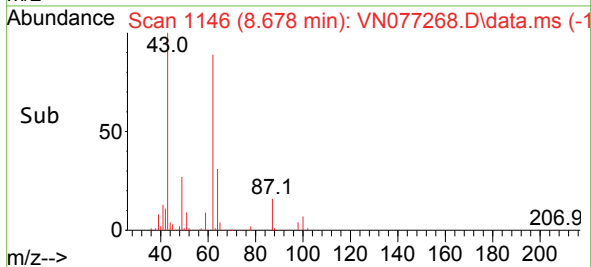
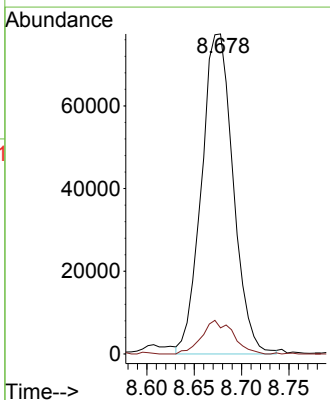
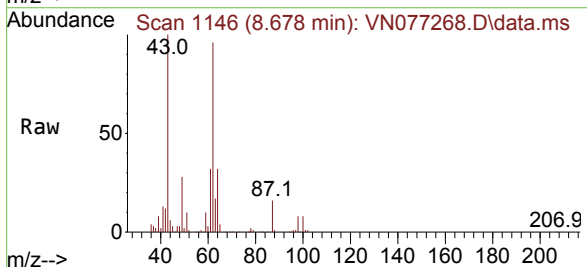
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

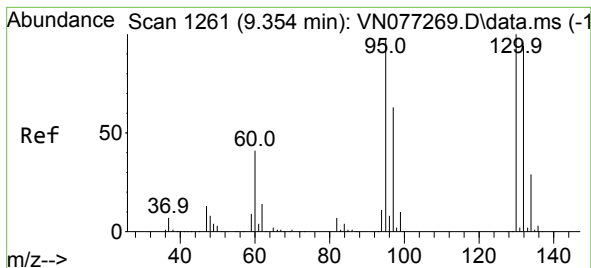
Tgt Ion:	41	Resp:	81077
Ion	Ratio	Lower	Upper
41	100		
39	54.2	27.1	81.2
67	89.2	46.8	140.4
52	34.8	16.7	50.0



#36
1,2-Dichloroethane
Concen: 19.001 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion:	62	Resp:	180115
Ion	Ratio	Lower	Upper
62	100		
98	6.5	8.3	12.5





#37

Trichloroethene

Concen: 18.544 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

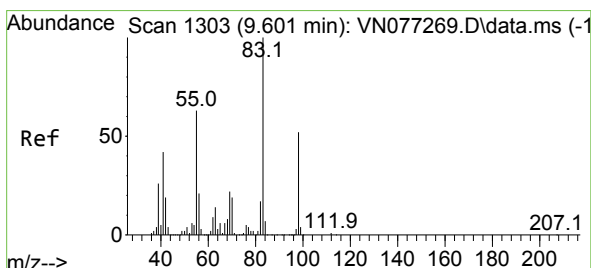
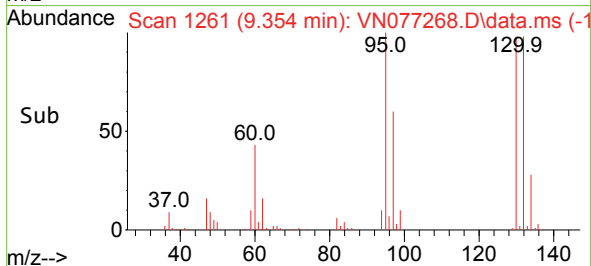
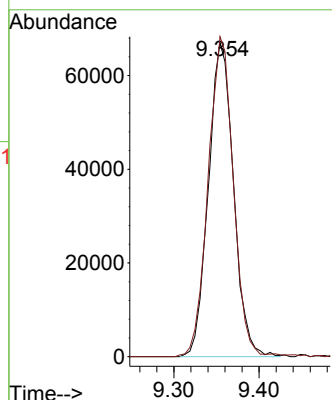
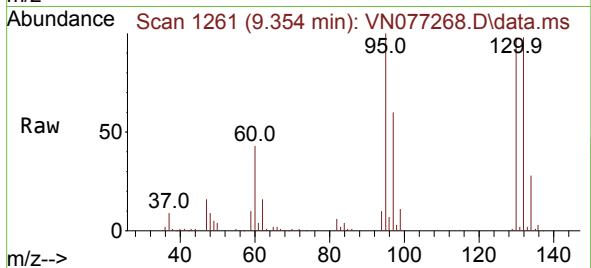
VSTDICCC020

Tgt Ion:130 Resp: 137142

Ion Ratio Lower Upper

130 100

95 101.4 77.5 116.3



#38

Methylcyclohexane

Concen: 18.725 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

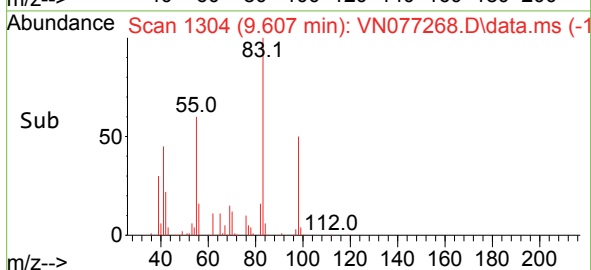
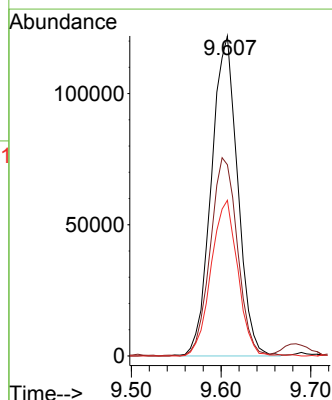
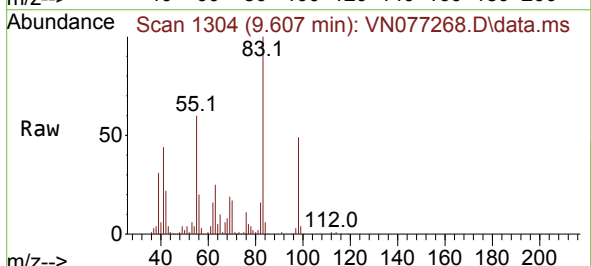
Tgt Ion: 83 Resp: 248158

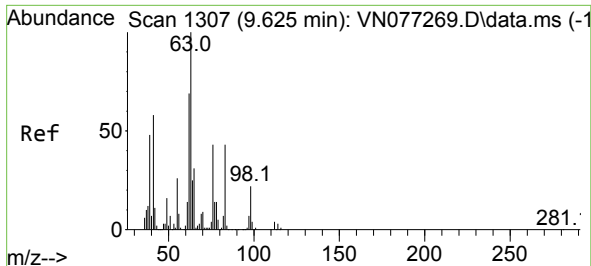
Ion Ratio Lower Upper

83 100

55 63.9 32.0 96.2

98 49.3 25.3 75.9





#39

1,2-Dichloropropane

Concen: 19.064 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

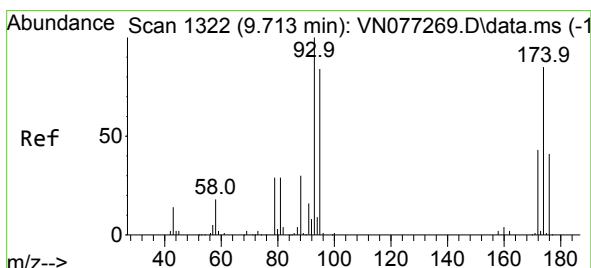
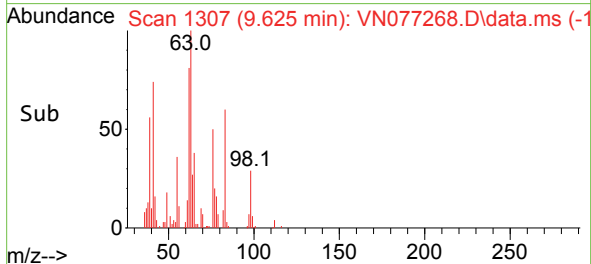
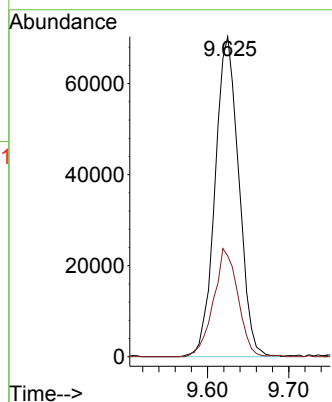
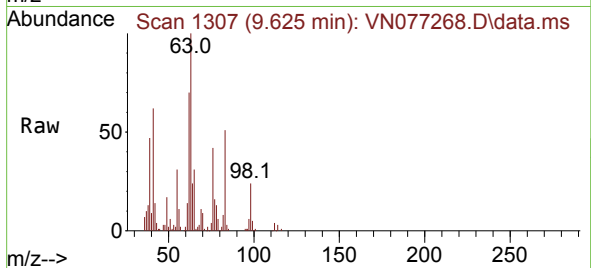
VSTDICCC020

Tgt Ion: 63 Resp: 143085

Ion Ratio Lower Upper

63 100

65 31.5 24.8 37.2



#40

Dibromomethane

Concen: 18.934 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

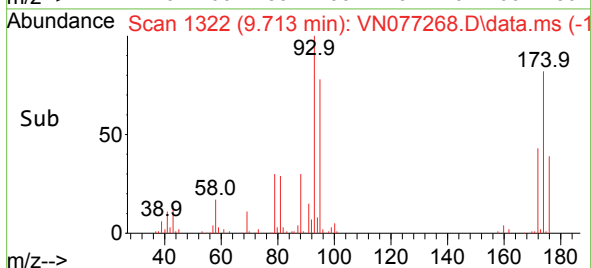
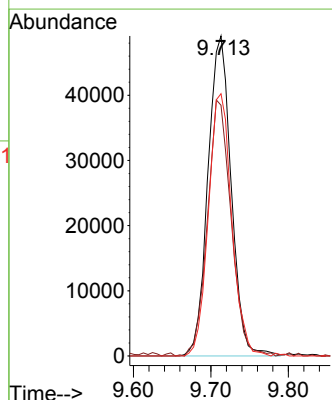
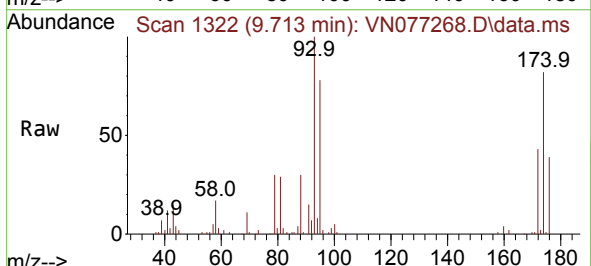
Tgt Ion: 93 Resp: 102393

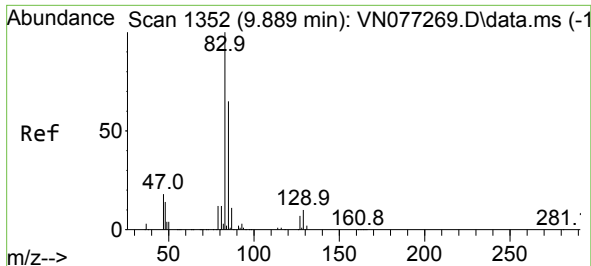
Ion Ratio Lower Upper

93 100

95 81.1 0.0 166.4

174 81.8 0.0 164.8

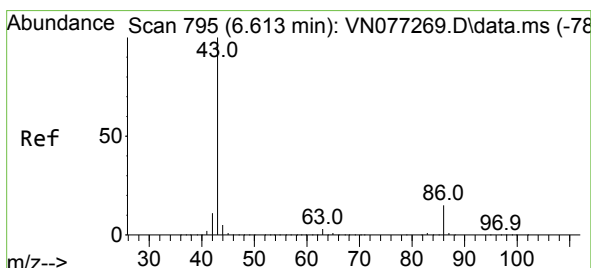
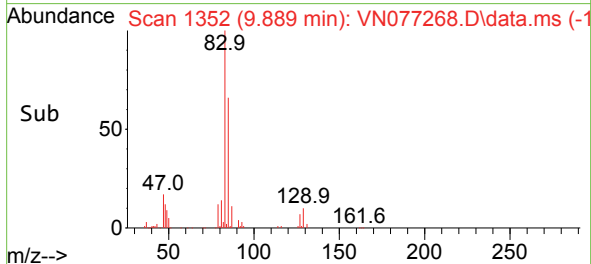
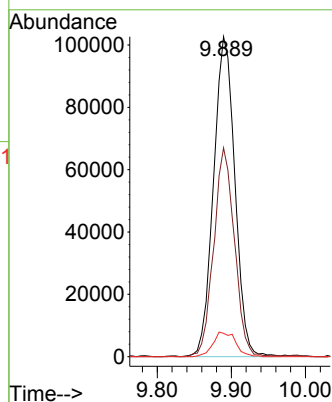
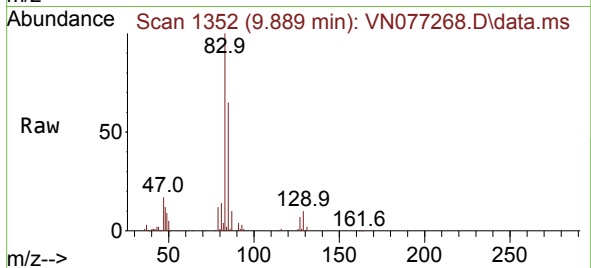




#41
Bromodichloromethane
Concen: 19.054 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

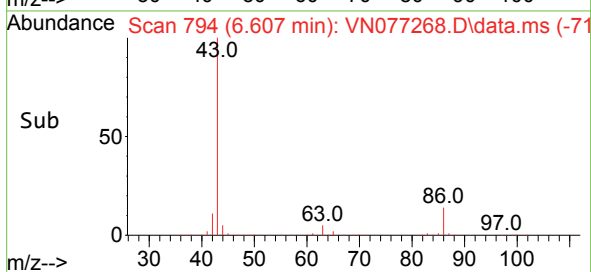
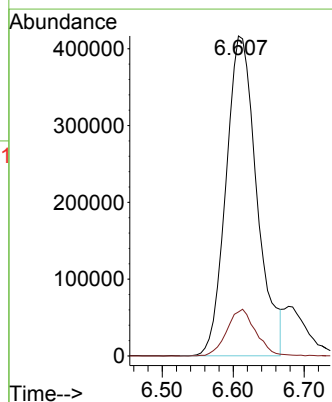
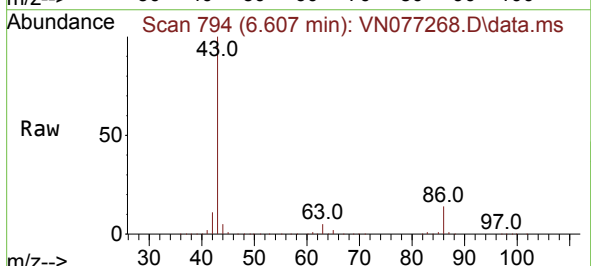
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

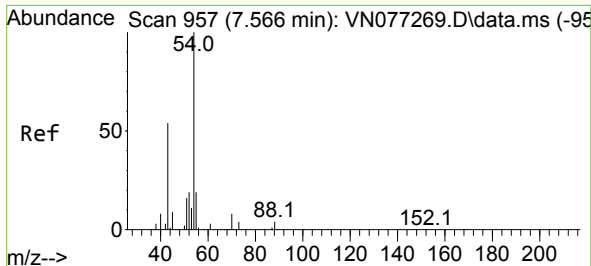
Tgt Ion: 83 Resp: 205468
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5
127 7.3 5.9 8.9



#42
Vinyl Acetate
Concen: 94.091 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 43 Resp: 1258318
Ion Ratio Lower Upper
43 100
86 13.7 0.0 0.0#

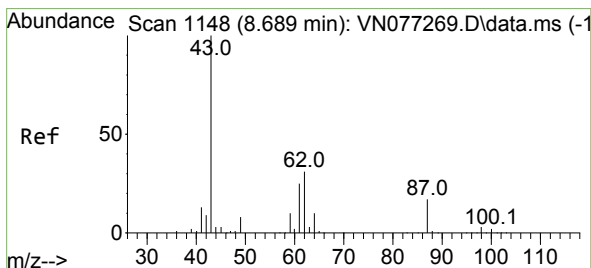
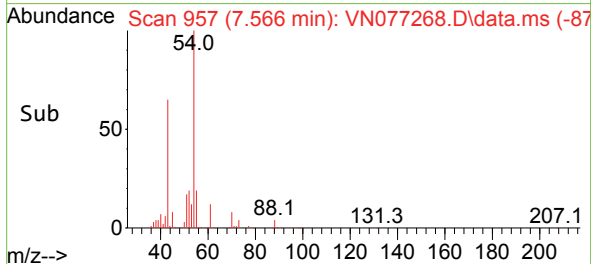
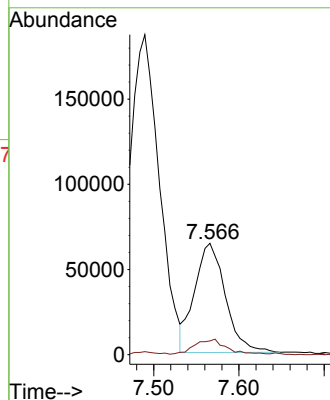
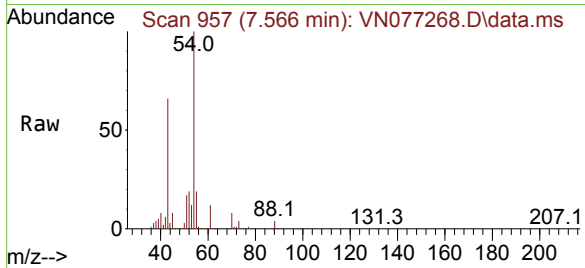




#43
Ethyl Acetate
Concen: 18.880 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

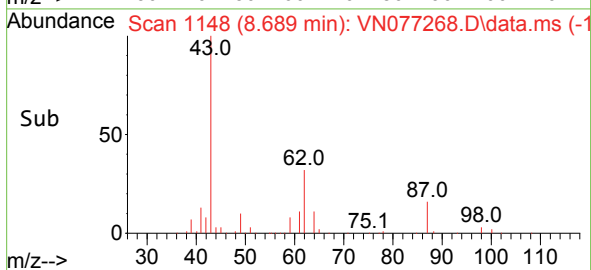
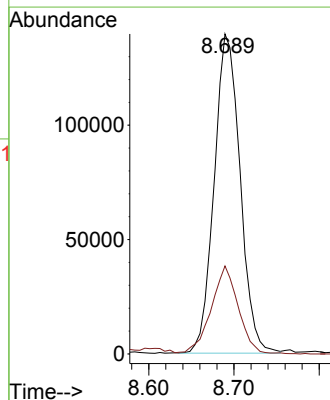
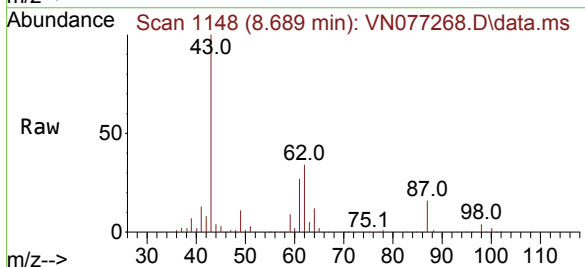
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

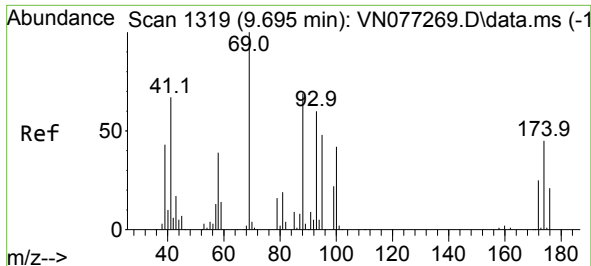
Tgt Ion: 43 Resp: 161407
Ion Ratio Lower Upper
43 100
45 14.8 12.3 18.5



#44
Isopropyl Acetate
Concen: 19.313 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 43 Resp: 295624
Ion Ratio Lower Upper
43 100
61 28.8 0.0 0.0#





#45

1,4-Dioxane

Concen: 389.113 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

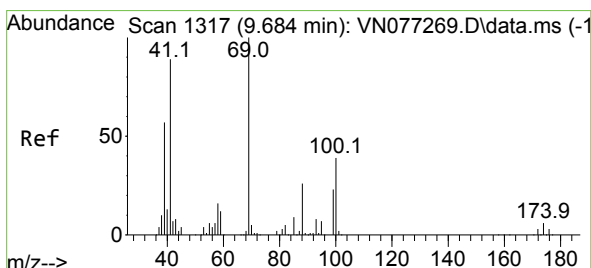
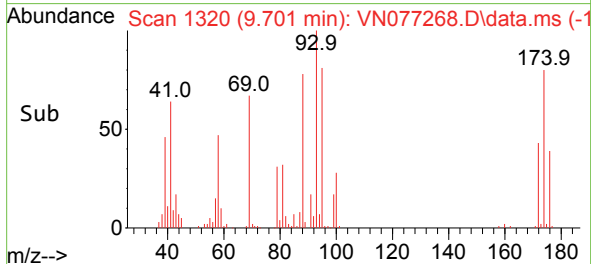
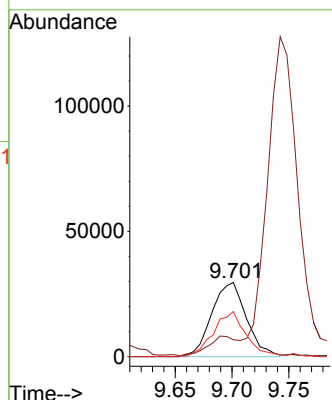
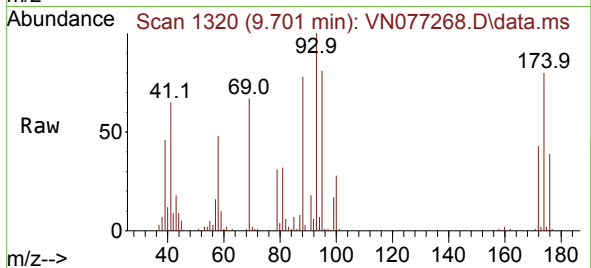
Tgt Ion: 88 Resp: 62815

Ion Ratio Lower Upper

88 100

43 23.0 17.4 26.0

58 57.6 48.2 72.4



#46

Methyl methacrylate

Concen: 18.758 ug/l

RT: 9.684 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

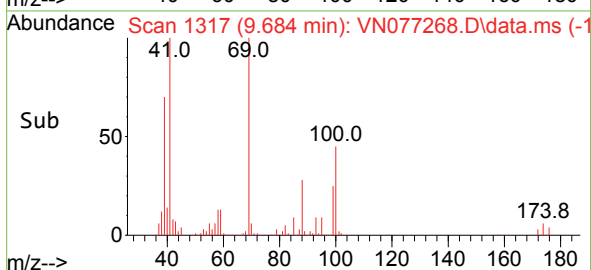
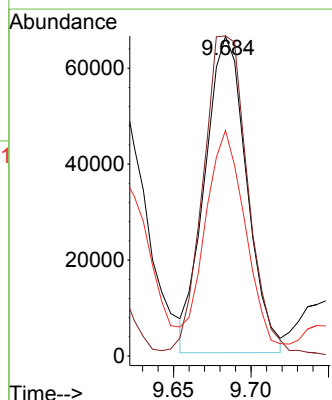
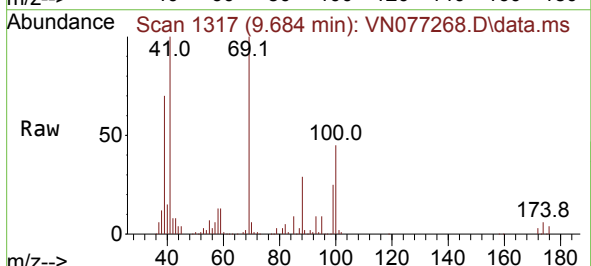
Tgt Ion: 41 Resp: 123620

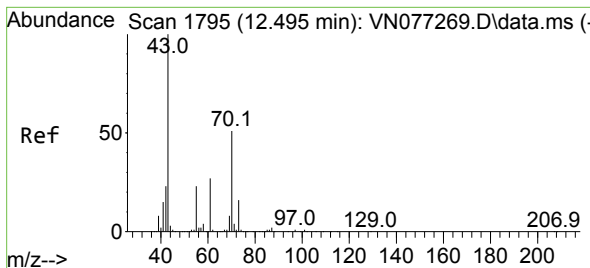
Ion Ratio Lower Upper

41 100

69 100.7 54.5 163.5

39 70.6 33.4 100.2





#47

n-amyl acetate

Concen: 18.807 ug/l

RT: 12.495 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

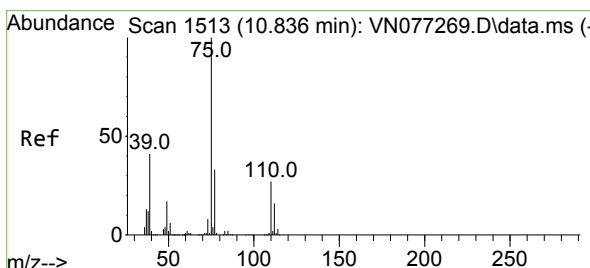
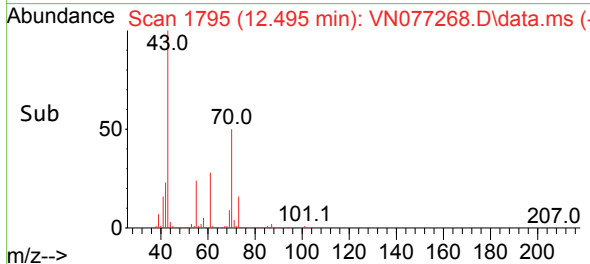
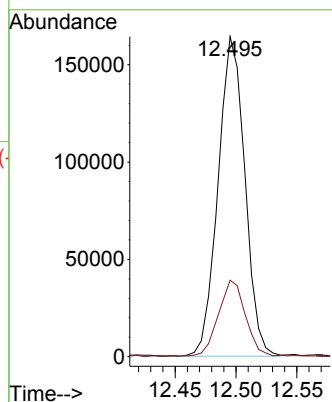
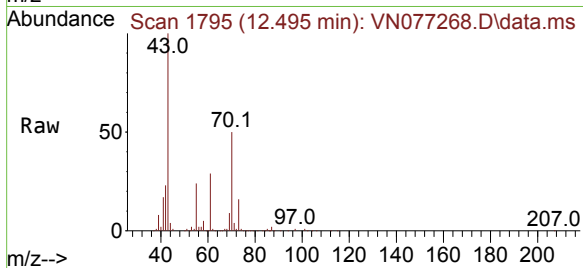
VSTDICCC020

Tgt Ion: 43 Resp: 251577

Ion Ratio Lower Upper

43 100

55 23.6 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 18.540 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VN077268.D

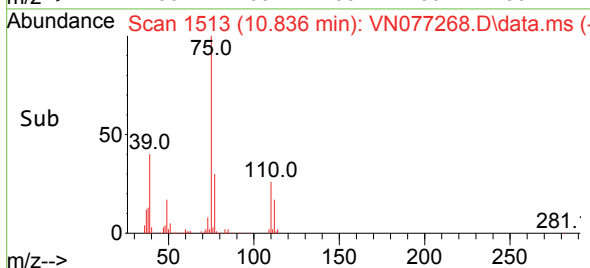
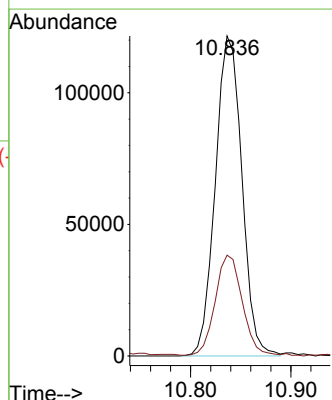
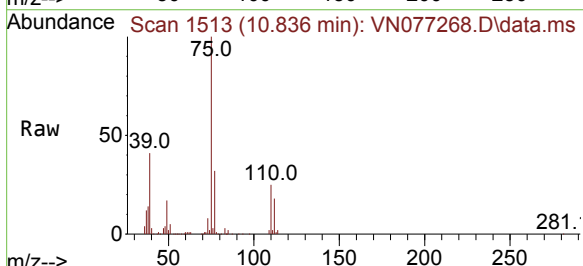
Acq: 07 Apr 2023 09:58

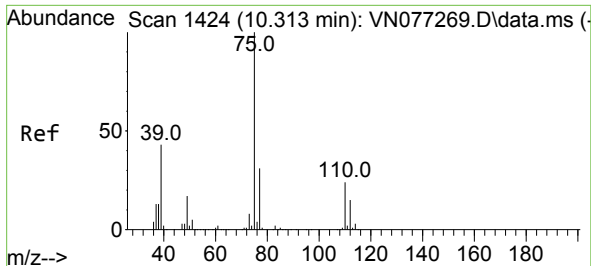
Tgt Ion: 75 Resp: 223747

Ion Ratio Lower Upper

75 100

77 31.3 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 18.801 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

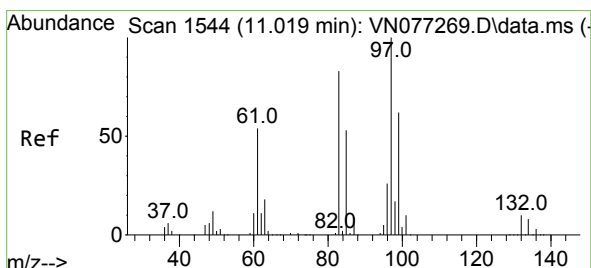
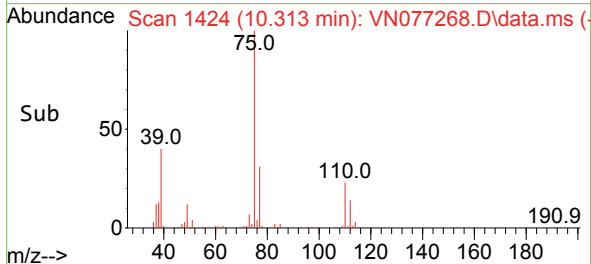
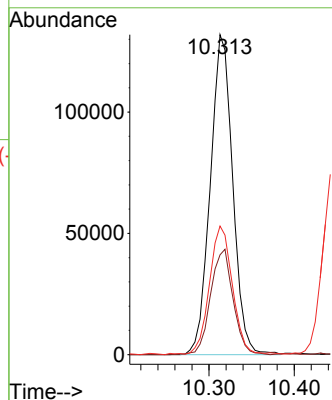
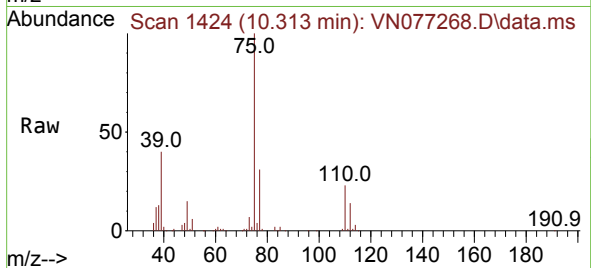
Tgt Ion: 75 Resp: 241384

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 40.0 34.4 51.6



#50

1,1,2-Trichloroethane

Concen: 18.585 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Tgt Ion: 97 Resp: 145983

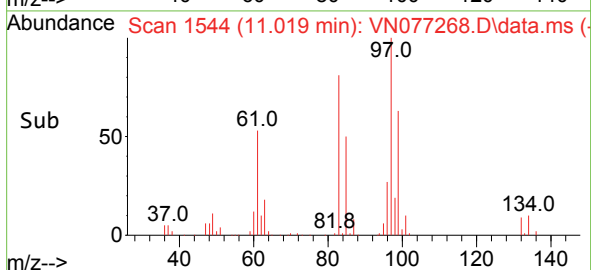
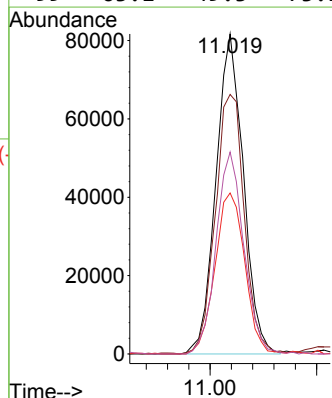
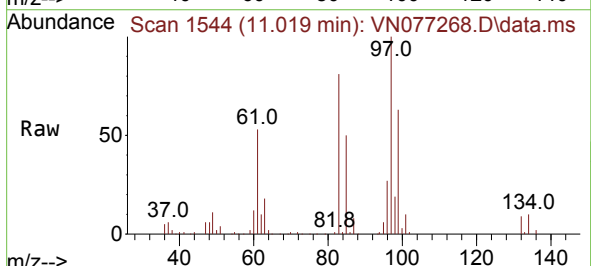
Ion Ratio Lower Upper

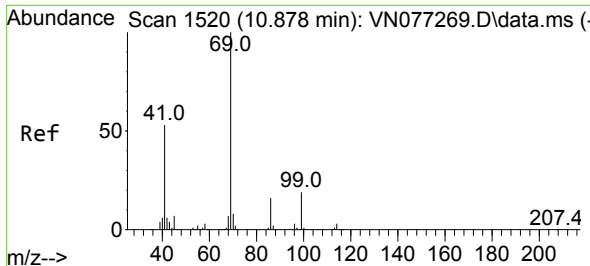
97 100

83 81.1 66.7 100.1

85 50.3 42.4 63.6

99 63.1 49.3 73.9

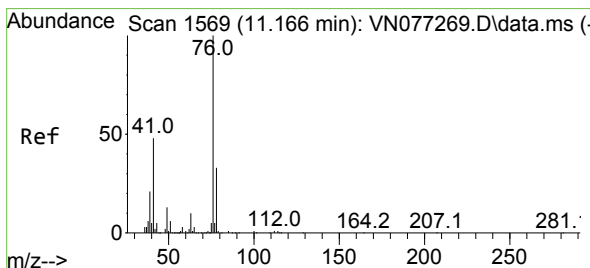
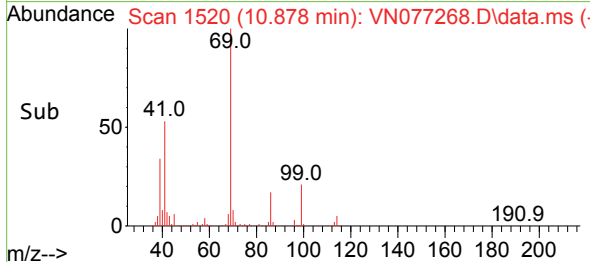
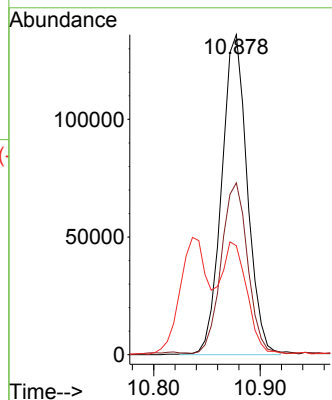
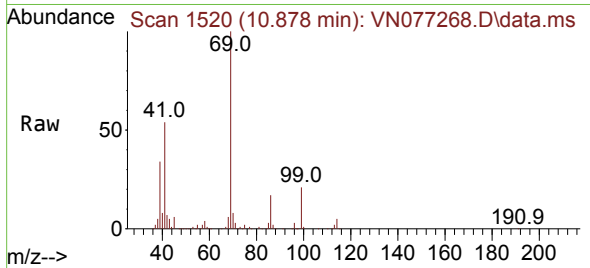




#51
Ethyl methacrylate
Concen: 18.830 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

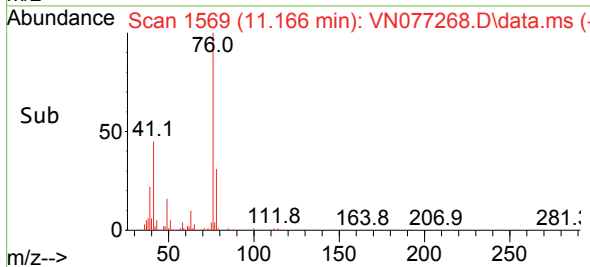
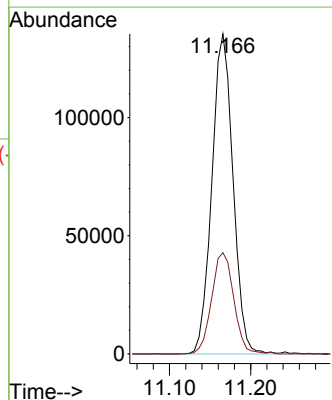
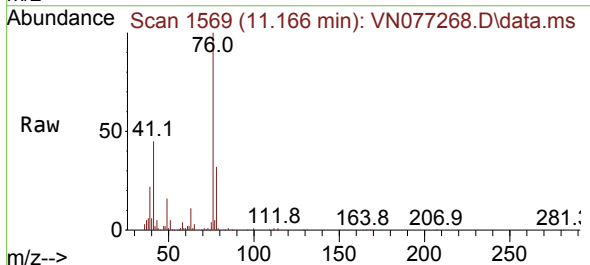
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

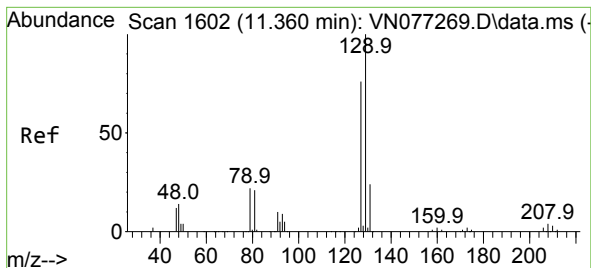
Tgt Ion: 69 Resp: 227144
Ion Ratio Lower Upper
69 100
41 53.3 26.7 80.0
39 33.5 17.0 50.9



#52
1,3-Dichloropropane
Concen: 18.681 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 76 Resp: 244912
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.0





#53

Dibromochloromethane

Concen: 18.717 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

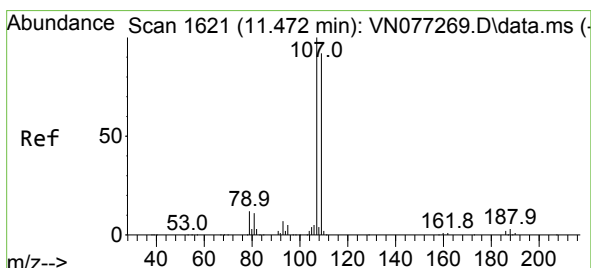
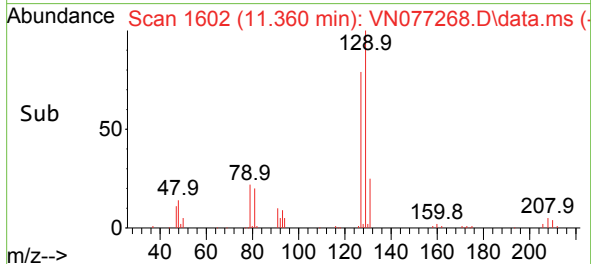
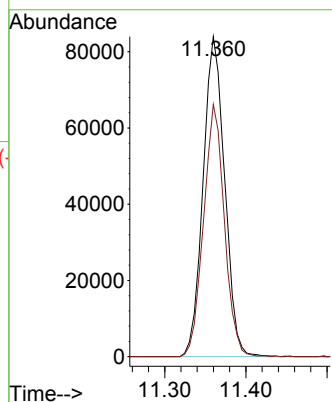
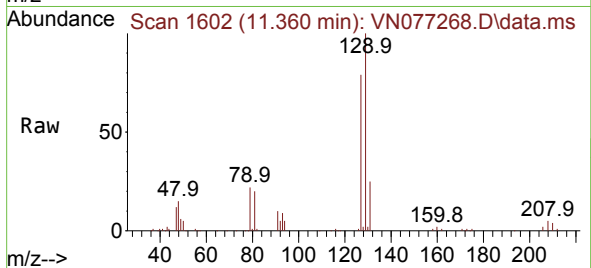
VSTDICCC020

Tgt Ion:129 Resp: 154956

Ion Ratio Lower Upper

129 100

127 76.0 38.6 115.8



#54

1,2-Dibromoethane

Concen: 19.044 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VN077268.D

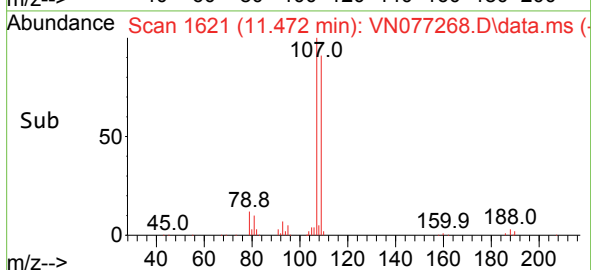
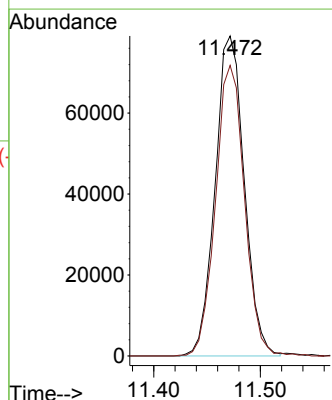
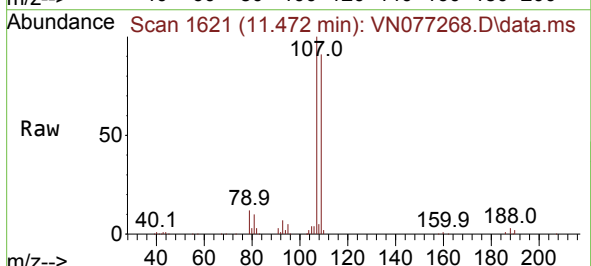
Acq: 07 Apr 2023 09:58

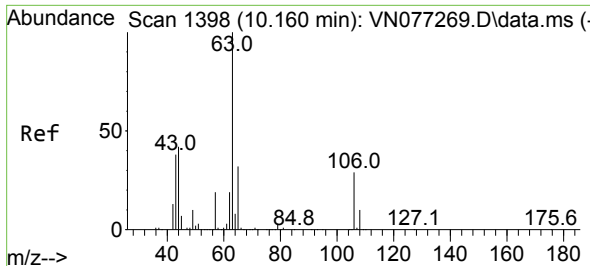
Tgt Ion:107 Resp: 150171

Ion Ratio Lower Upper

107 100

109 90.3 74.1 111.1

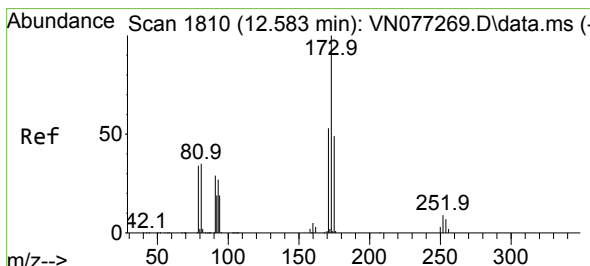
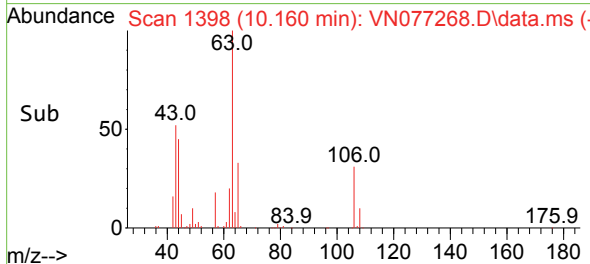
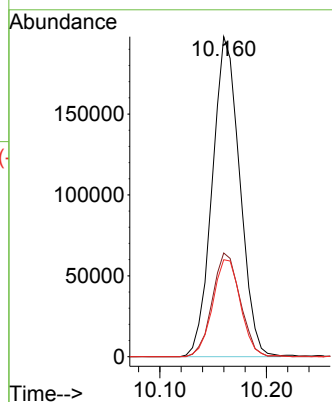
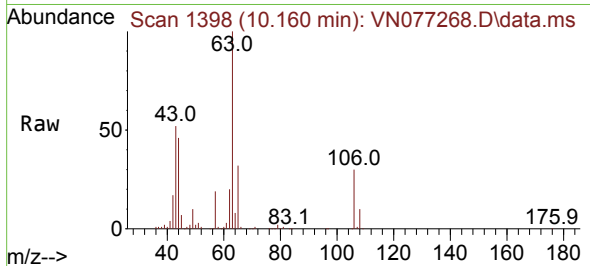




#55
2-Chloroethyl vinyl ether
Concen: 95.317 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

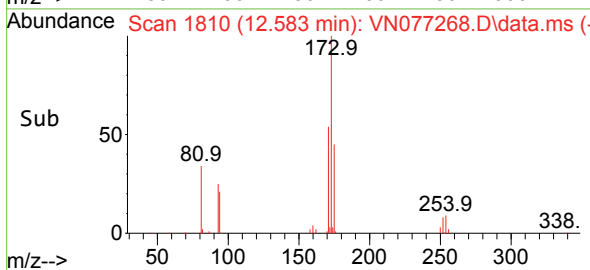
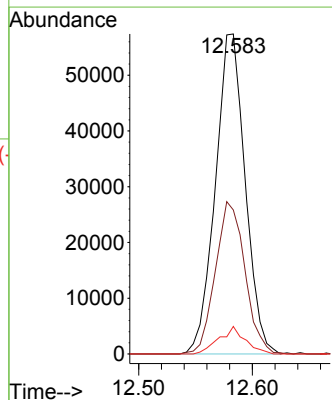
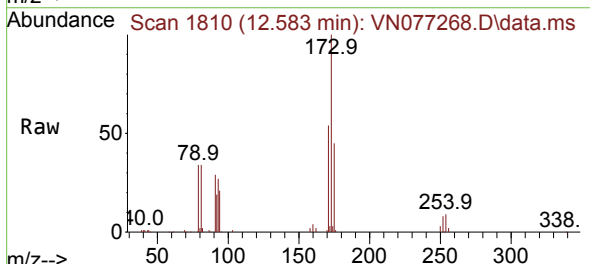
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

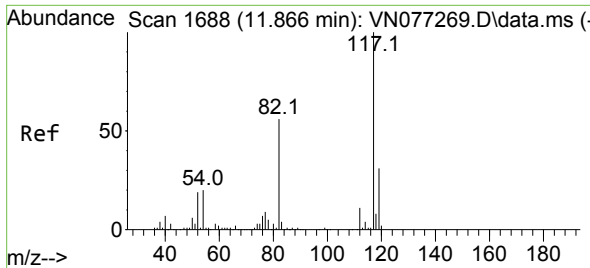
Tgt Ion: 63 Resp: 354988
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 30.6 24.0 36.0



#56
Bromoform
Concen: 18.832 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 173 Resp: 104729
Ion Ratio Lower Upper
173 100
175 47.1 38.2 57.2
254 7.5 6.0 9.0

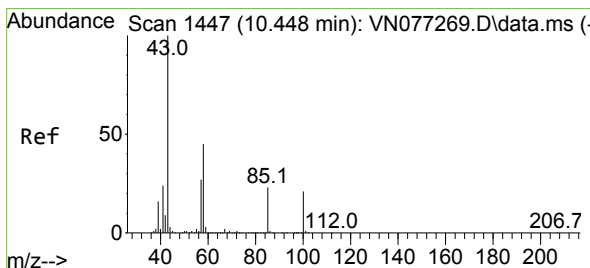
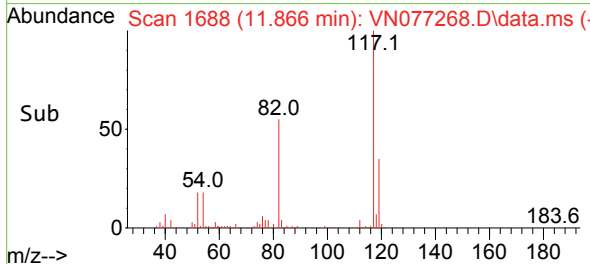
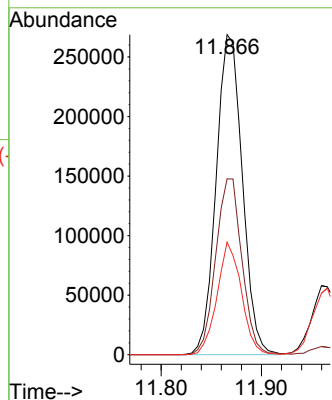
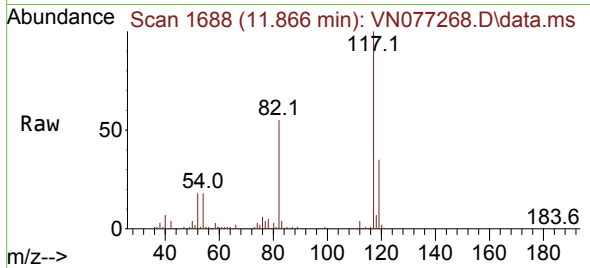




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

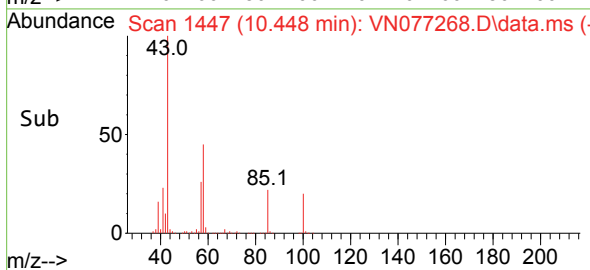
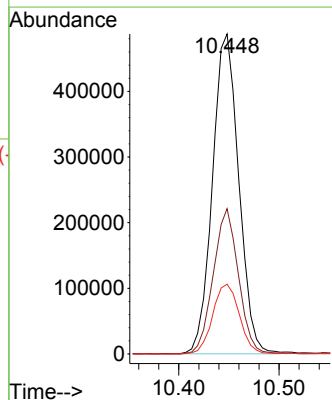
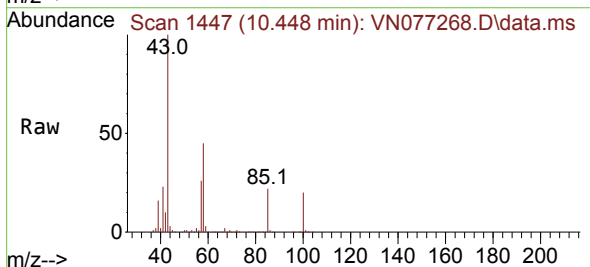
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

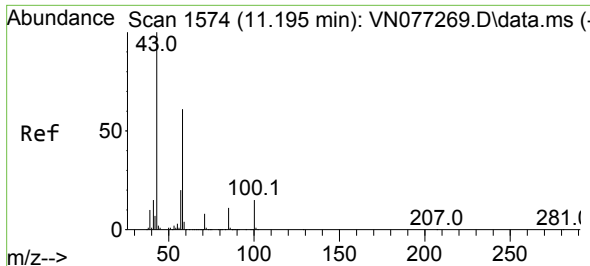
Tgt Ion:	117	Resp:	487897
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.8	65.8
119	32.6	25.4	38.0



#58
4-Methyl-2-Pentanone
Concen: 97.070 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion:	43	Resp:	886750
Ion	Ratio	Lower	Upper
43	100		
58	43.6	34.7	52.1
85	22.2	17.8	26.8

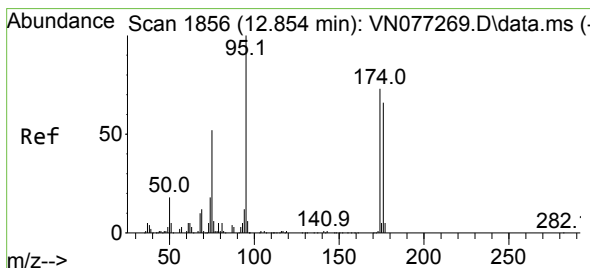
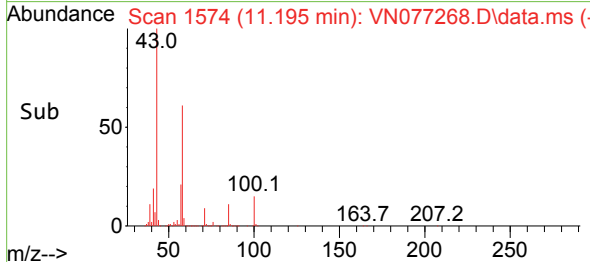
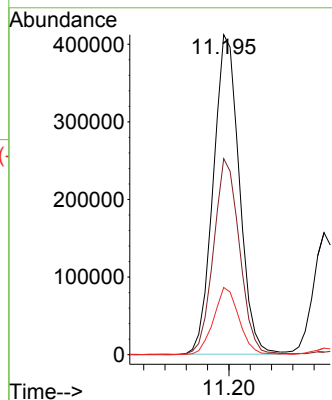
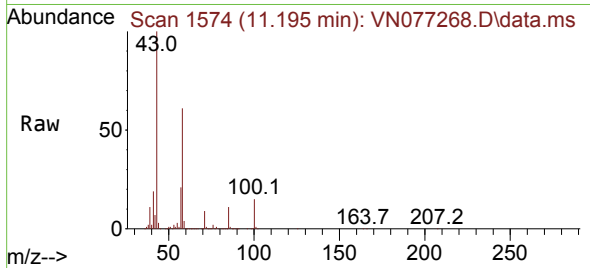




#59
2-Hexanone
Concen: 98.835 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

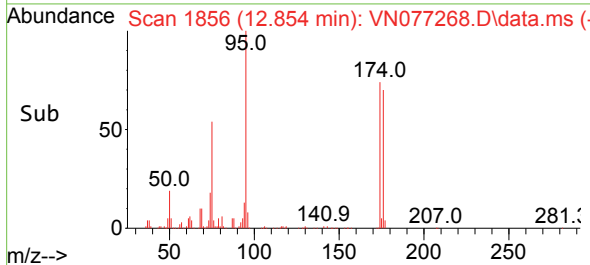
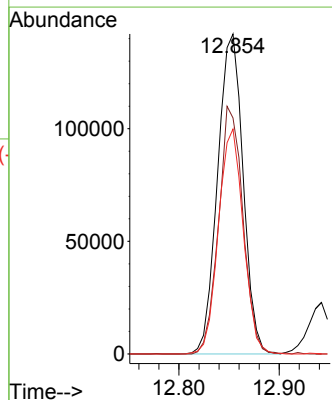
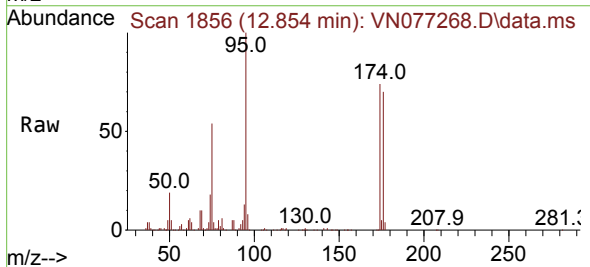
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

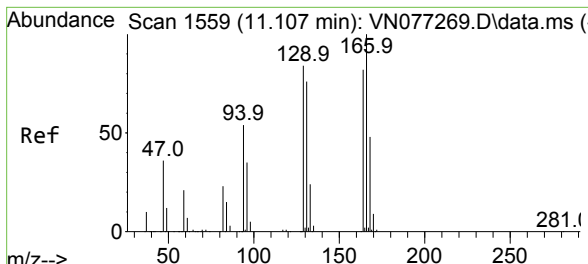
Tgt Ion: 43 Resp: 697886
Ion Ratio Lower Upper
43 100
58 61.4 48.6 73.0
57 20.5 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 29.717 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 95 Resp: 250703
Ion Ratio Lower Upper
95 100
174 73.9 57.8 86.8
176 68.7 54.6 81.8



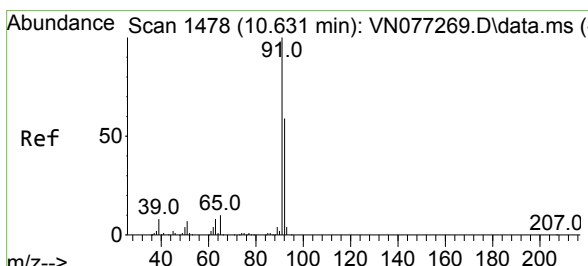
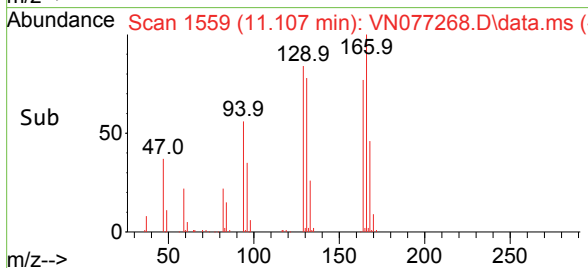
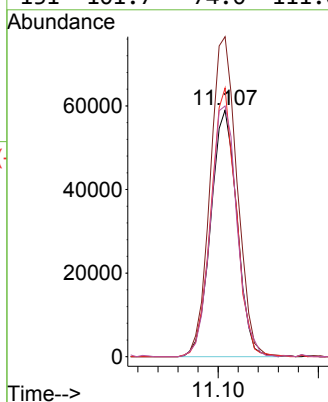
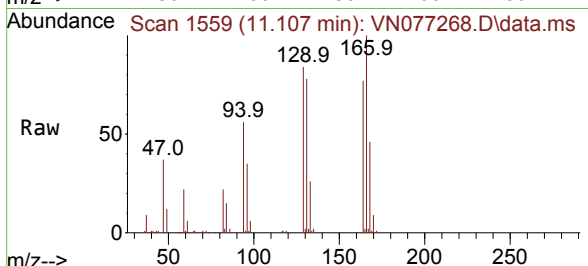


#61
Tetrachloroethene
Concen: 18.398 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:164 Resp: 106763

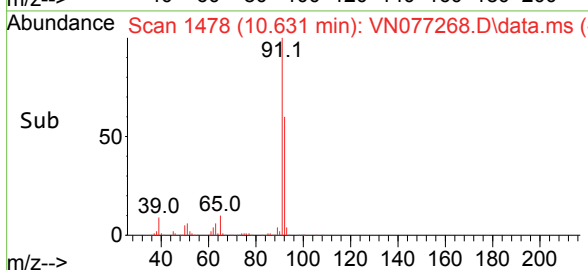
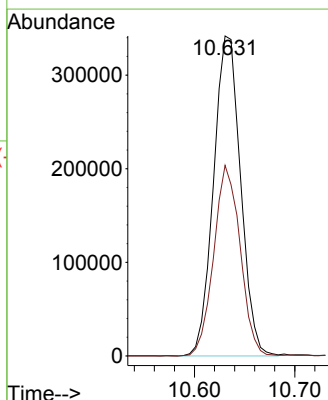
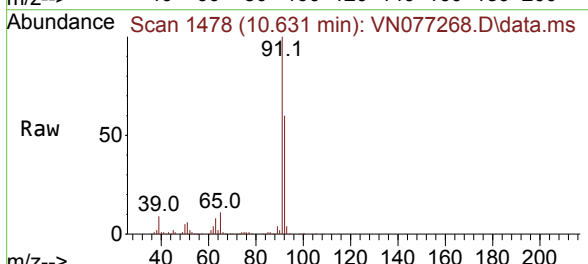
Ion	Ratio	Lower	Upper
164	100		
166	129.8	97.9	146.9
129	109.0	82.5	123.7
131	101.7	74.0	111.0

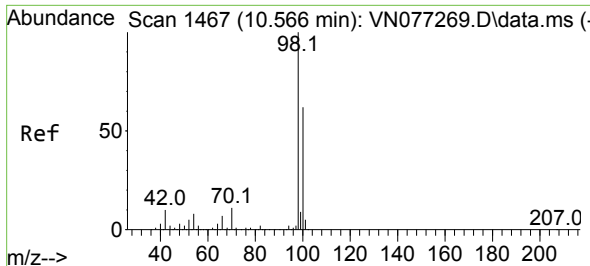


#62
Toluene
Concen: 18.825 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 91 Resp: 640843

Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.6	70.0

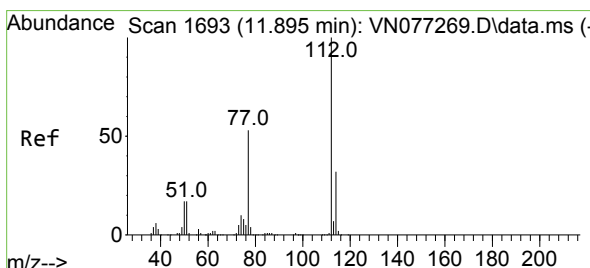
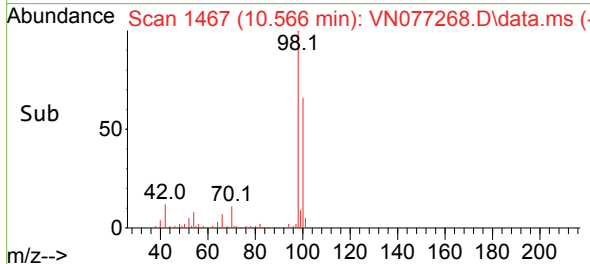
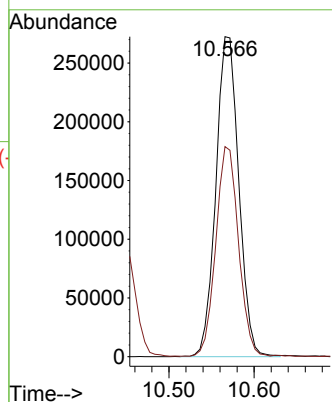
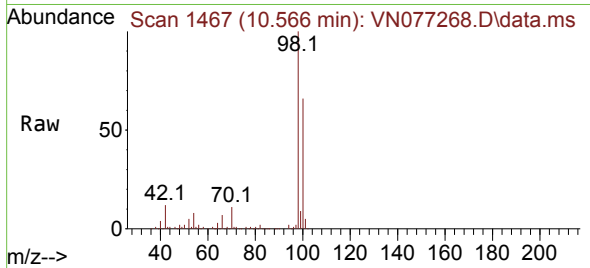




#63
Toluene-d8
Concen: 29.703 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

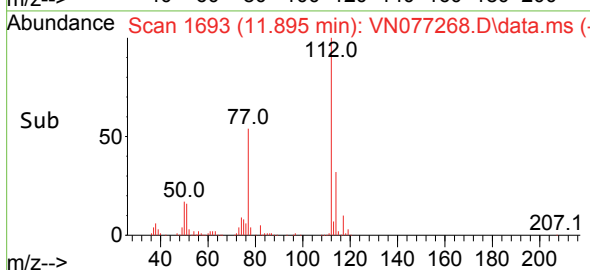
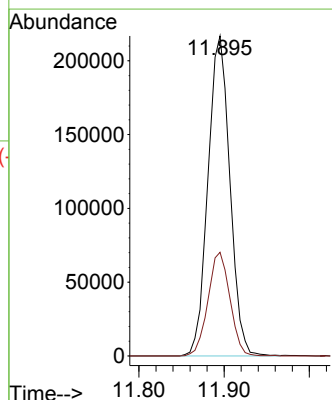
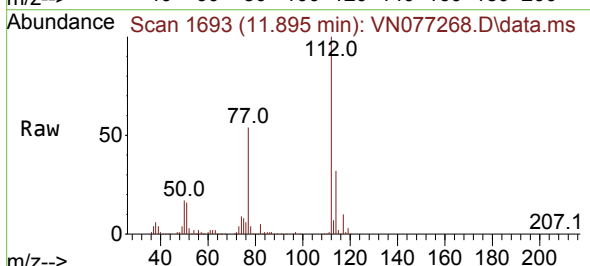
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

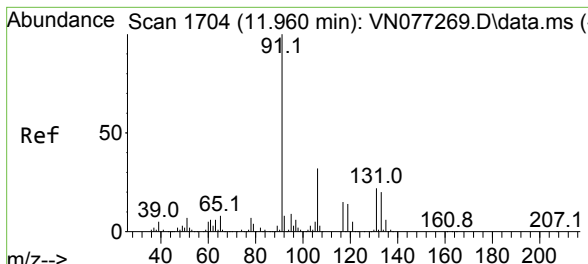
Tgt Ion: 98 Resp: 509463
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2



#64
Chlorobenzene
Concen: 18.730 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 112 Resp: 387373
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

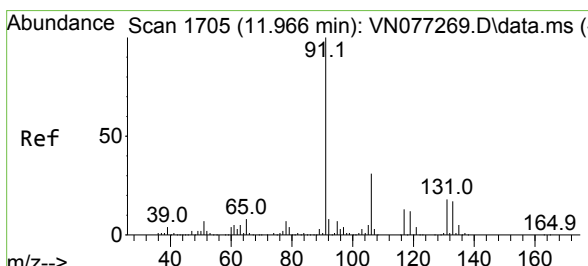
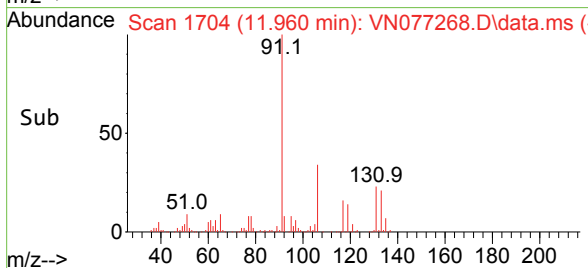
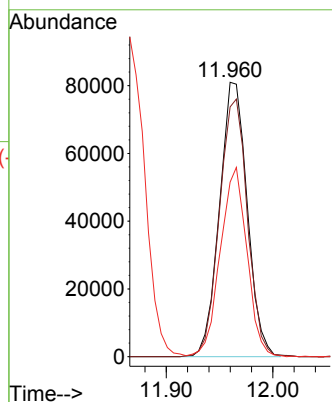
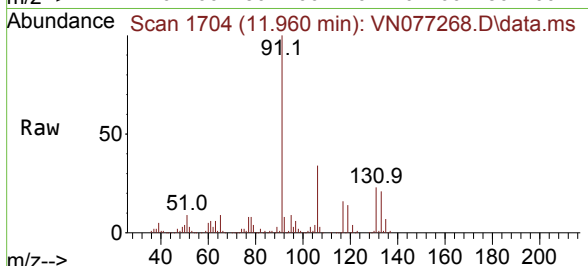




#65
1,1,1,2-Tetrachloroethane
Concen: 19.278 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

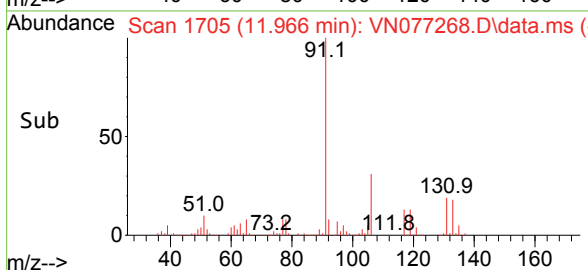
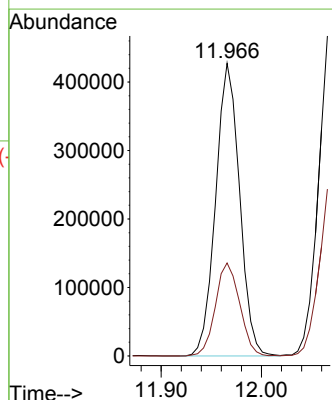
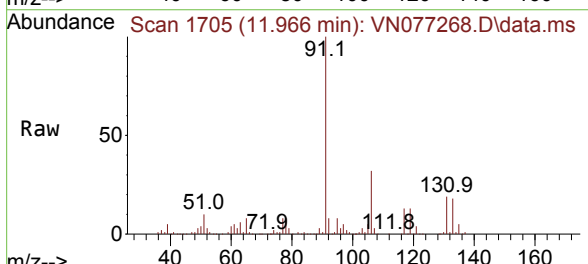
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

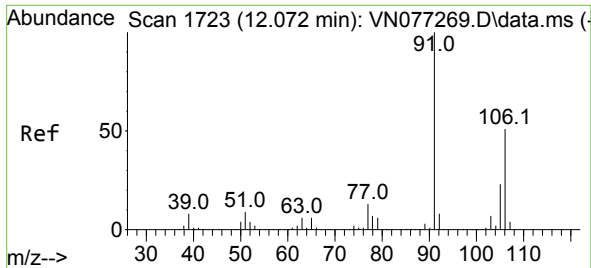
Tgt Ion:131 Resp: 146616
Ion Ratio Lower Upper
131 100
133 94.4 0.0 184.4
119 66.2 0.0 134.8



#66
Ethyl Benzene
Concen: 18.751 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 91 Resp: 707173
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

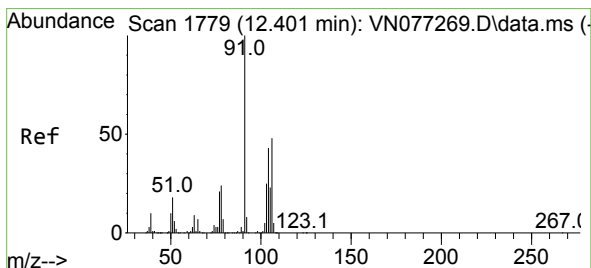
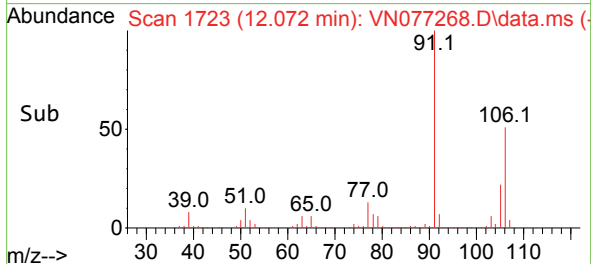
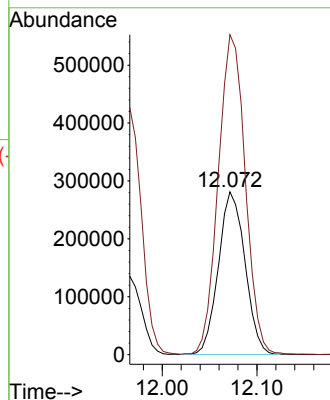
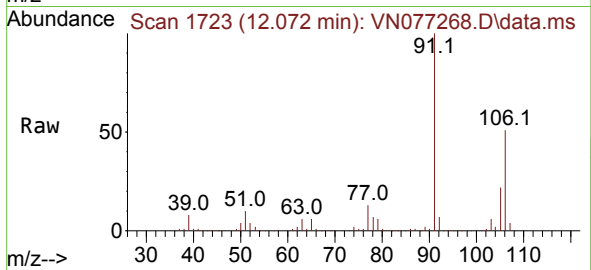




#67
m/p-Xylenes
Concen: 37.076 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

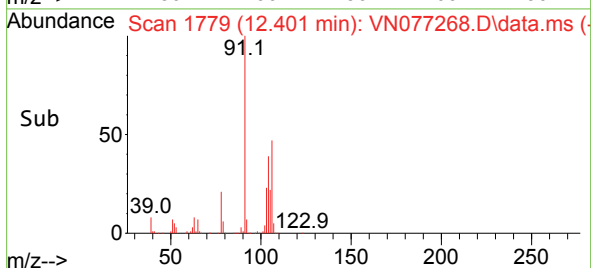
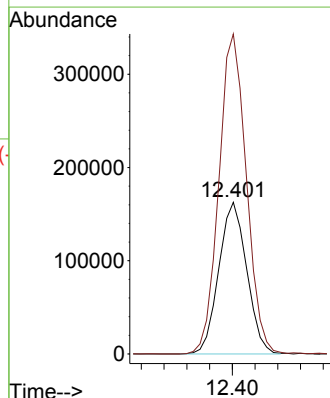
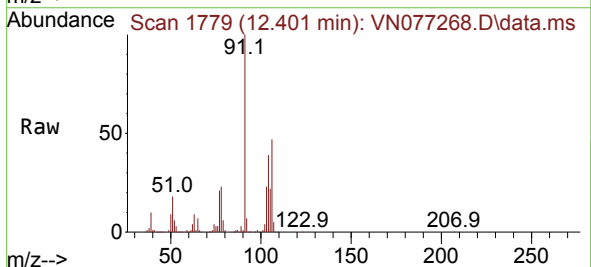
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

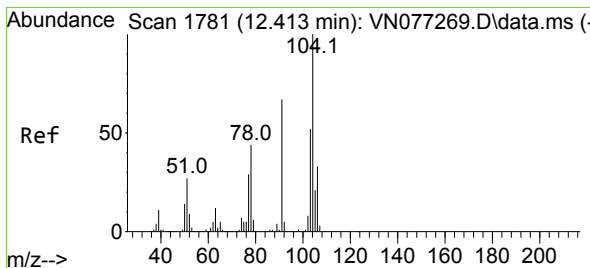
Tgt Ion:106 Resp: 548079
Ion Ratio Lower Upper
106 100
91 200.3 158.0 237.0



#68
o-Xylene
Concen: 18.795 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion:106 Resp: 277951
Ion Ratio Lower Upper
106 100
91 207.0 103.6 310.8





#69

Styrene

Concen: 18.597 ug/l

RT: 12.413 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

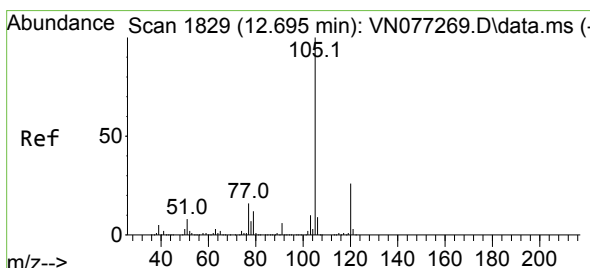
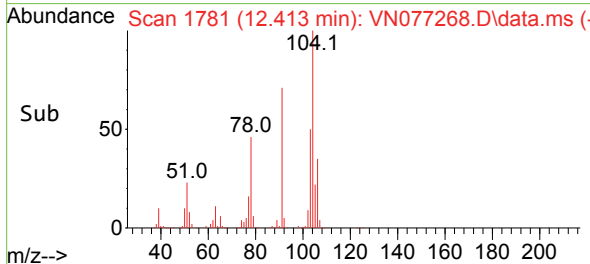
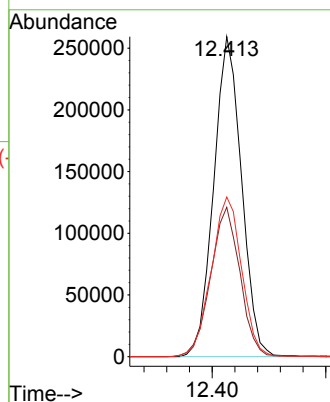
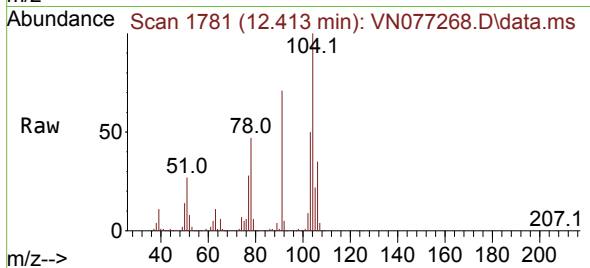
Tgt Ion:104 Resp: 440631

Ion Ratio Lower Upper

104 100

78 49.3 38.2 57.4

103 54.5 43.6 65.4



#70

Isopropylbenzene

Concen: 18.850 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077268.D

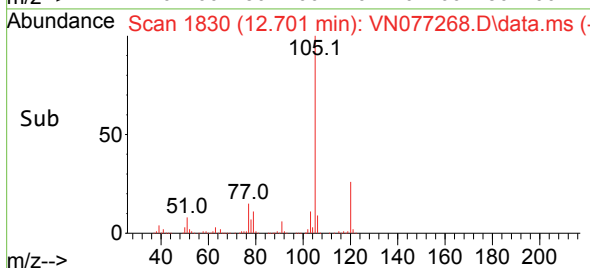
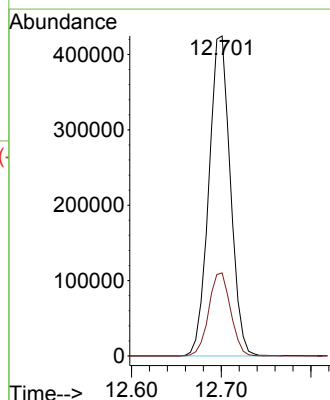
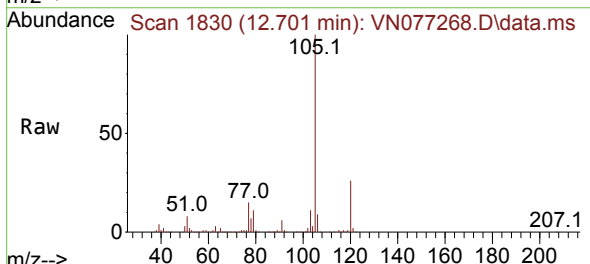
Acq: 07 Apr 2023 09:58

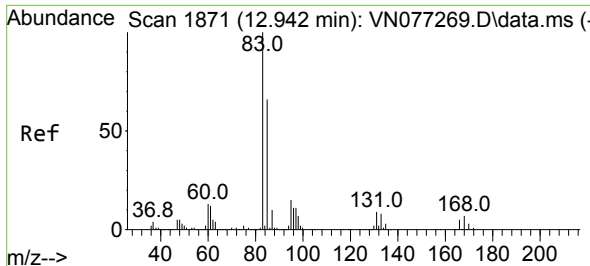
Tgt Ion:105 Resp: 707489

Ion Ratio Lower Upper

105 100

120 26.3 18.3 34.1

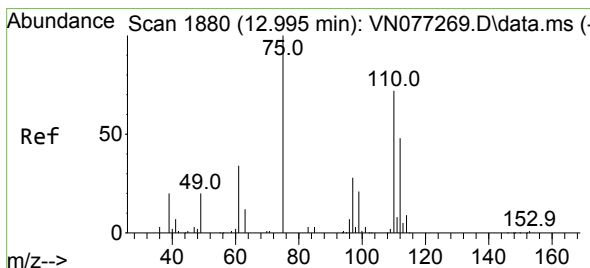
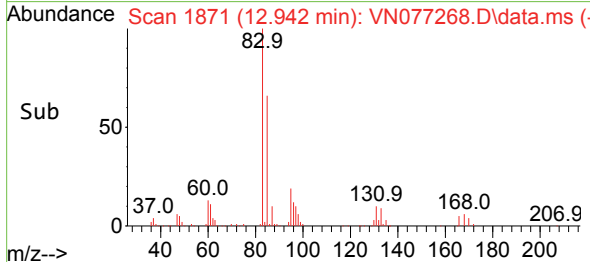
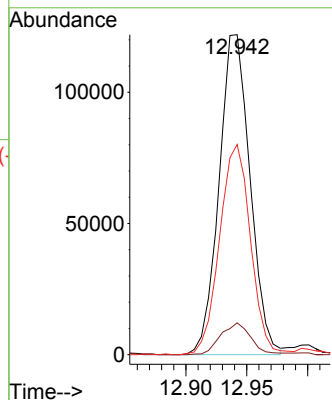
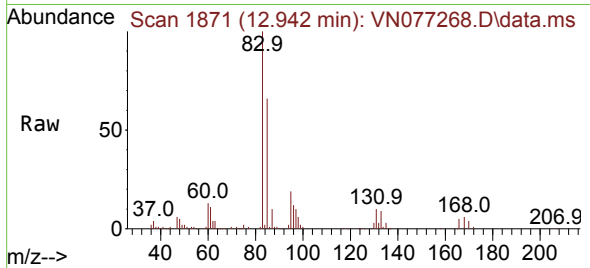




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.833 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

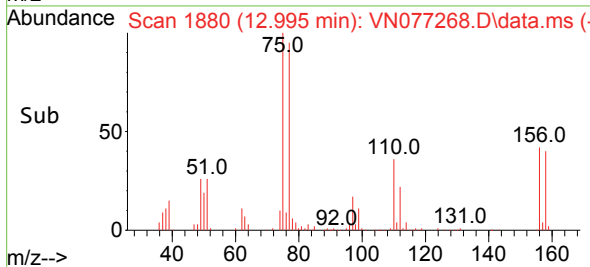
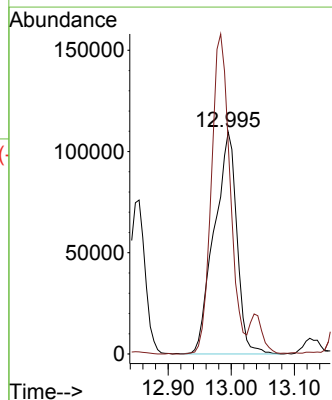
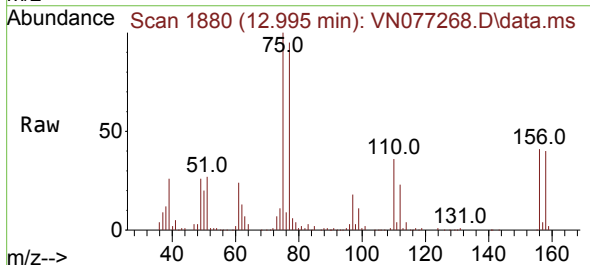
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

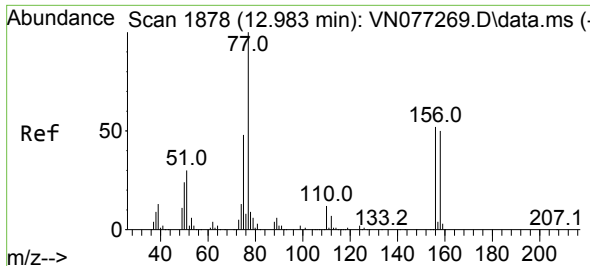
Tgt Ion: 83 Resp: 216463
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.0
 85 65.6 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 34.989 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

Tgt Ion: 75 Resp: 273360
 Ion Ratio Lower Upper
 75 100
 77 118.9 0.0 434.2

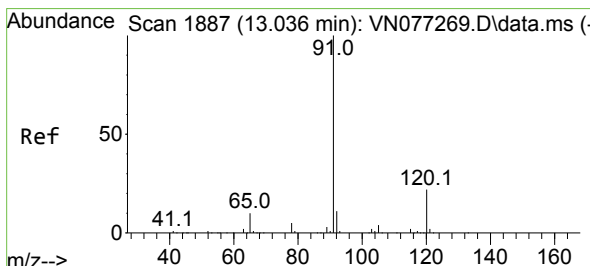
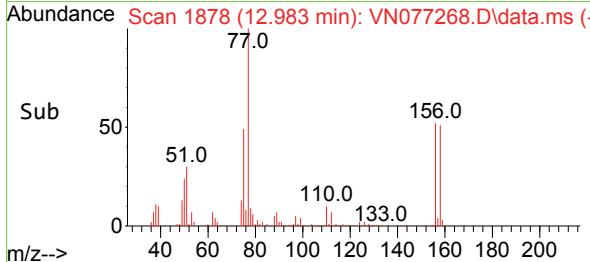
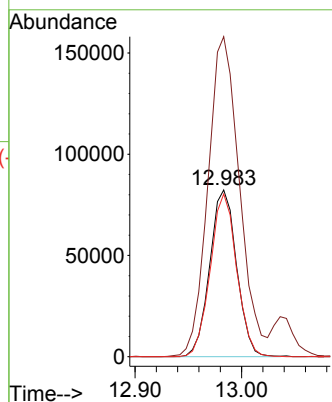
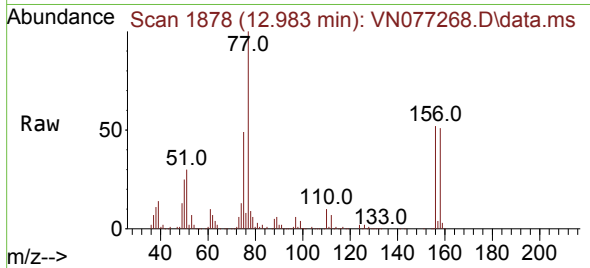




#73
Bromobenzene
Concen: 18.901 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

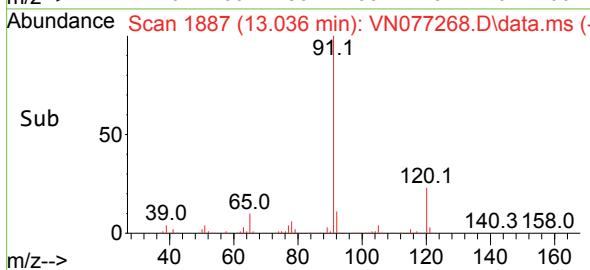
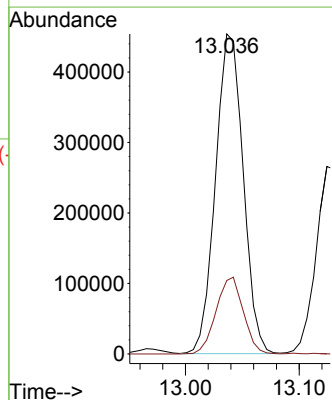
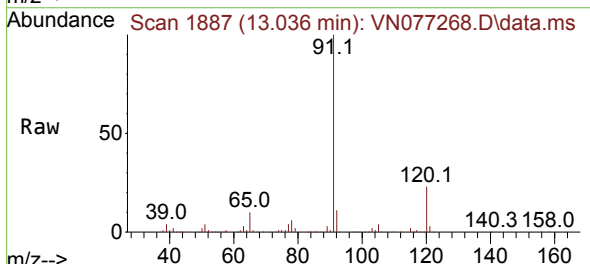
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

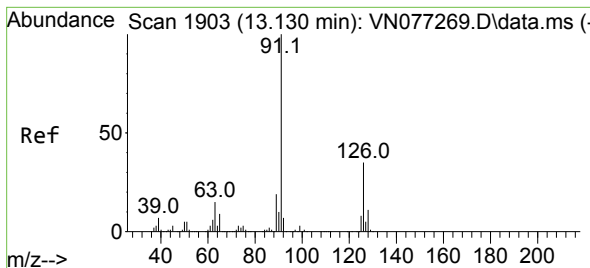
Tgt Ion:156 Resp: 144123
Ion Ratio Lower Upper
156 100
77 225.6 0.0 456.6
158 96.0 0.0 195.6



#74
n-propylbenzene
Concen: 18.518 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 91 Resp: 768999
Ion Ratio Lower Upper
91 100
120 23.6 0.0 45.6





#75

2-Chlorotoluene

Concen: 18.852 ug/l

RT: 13.124 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

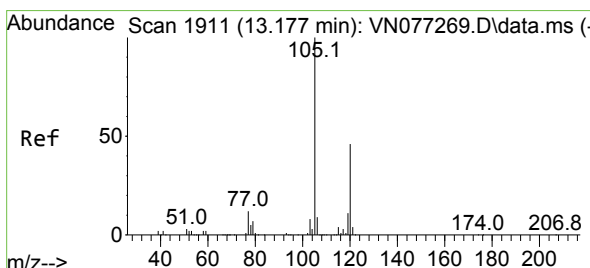
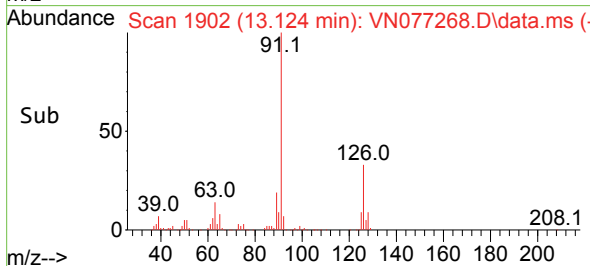
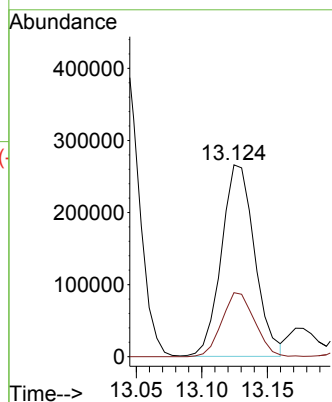
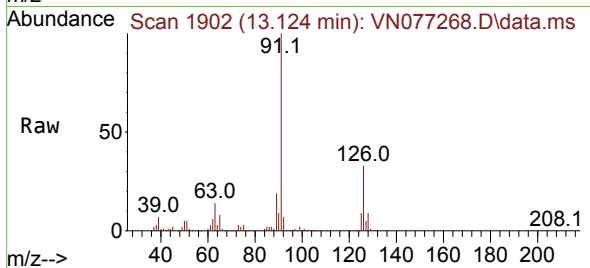
VSTDICCC020

Tgt Ion: 91 Resp: 468985

Ion Ratio Lower Upper

91 100

126 33.0 0.0 67.0



#76

1,3,5-Trimethylbenzene

Concen: 18.914 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077268.D

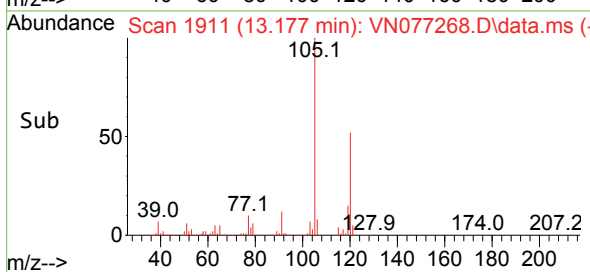
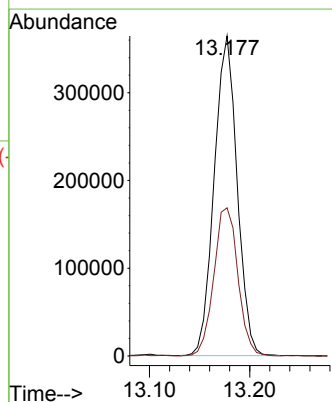
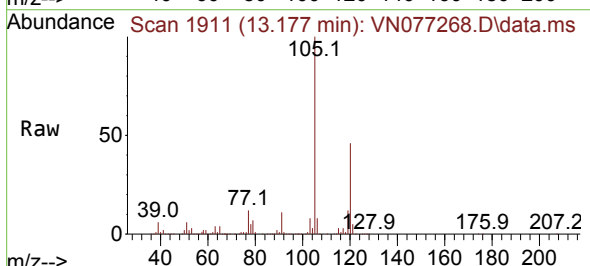
Acq: 07 Apr 2023 09:58

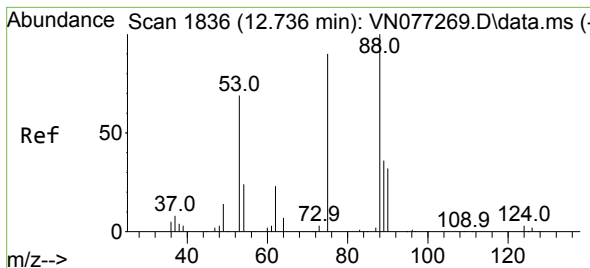
Tgt Ion:105 Resp: 577775

Ion Ratio Lower Upper

105 100

120 48.8 0.0 94.4

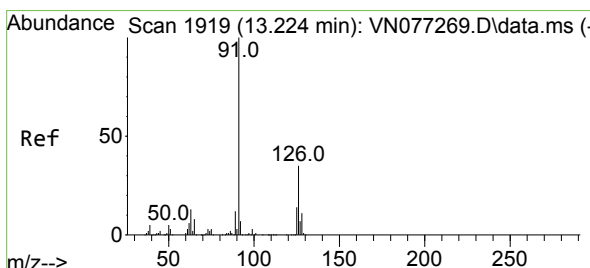
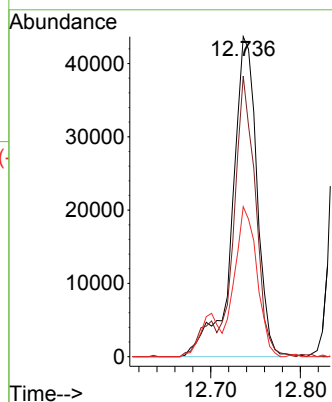
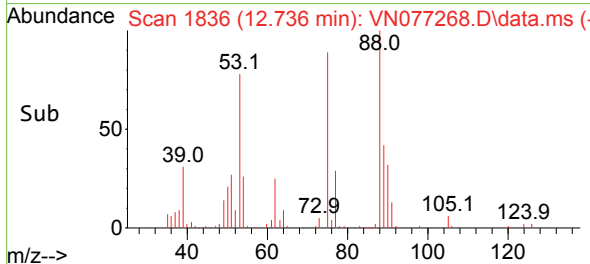
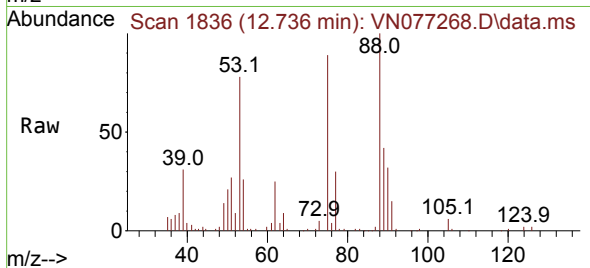




#77
t-1,4-Dichloro-2-butene
Concen: 20.977 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

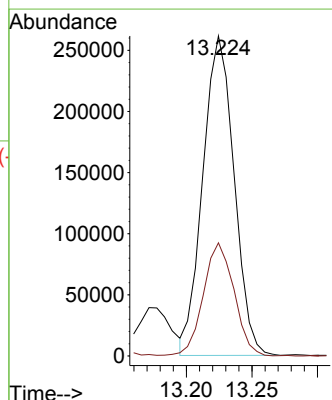
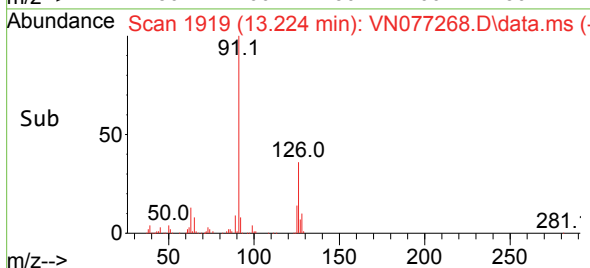
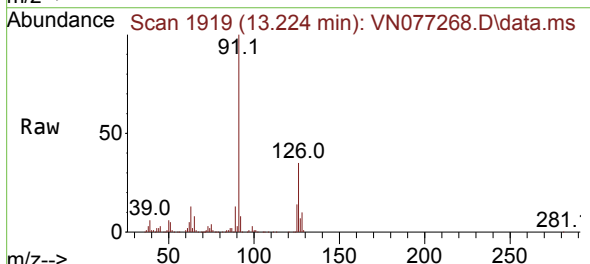
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

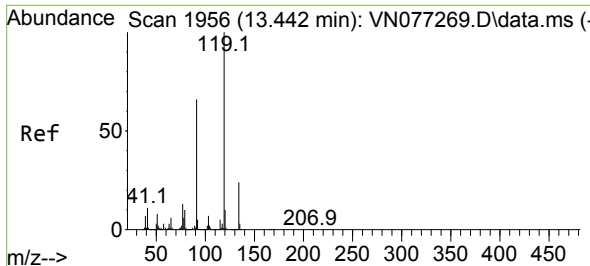
Tgt Ion: 75 Resp: 83478
Ion Ratio Lower Upper
75 100
53 87.7 38.8 116.4
89 46.8 23.2 69.6



#78
4-Chlorotoluene
Concen: 18.452 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 91 Resp: 433733
Ion Ratio Lower Upper
91 100
126 34.8 0.0 67.4

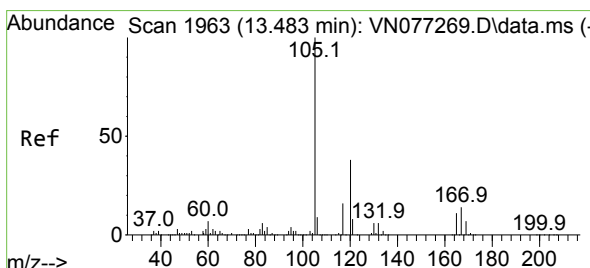
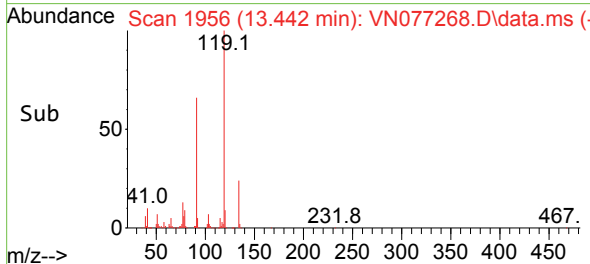
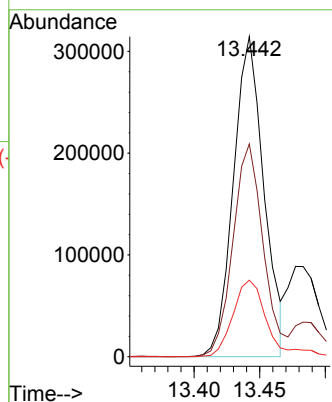
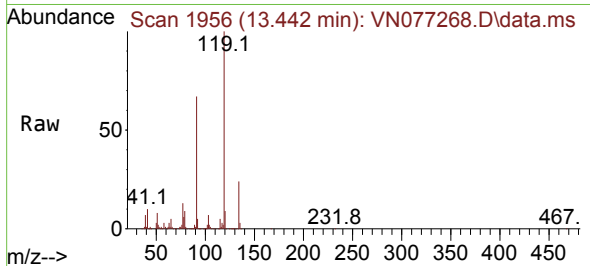




#79
tert-butylbenzene
Concen: 19.130 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

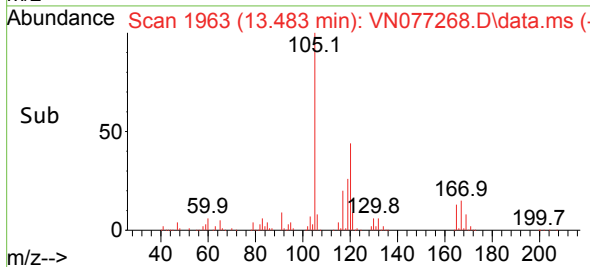
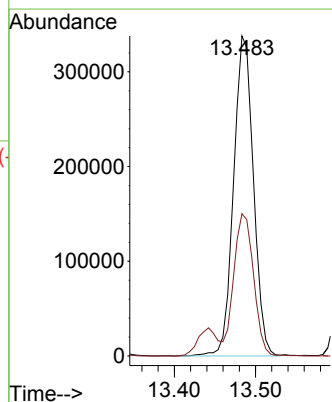
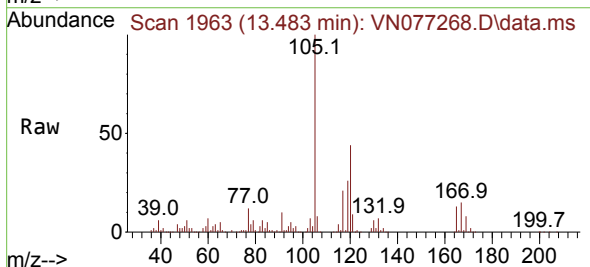
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

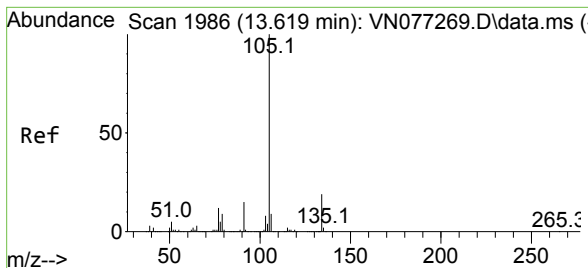
Tgt Ion:119 Resp: 508584
Ion Ratio Lower Upper
119 100
91 66.4 0.0 131.0
134 25.1 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 19.216 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion:105 Resp: 572226
Ion Ratio Lower Upper
105 100
120 44.1 0.0 91.0

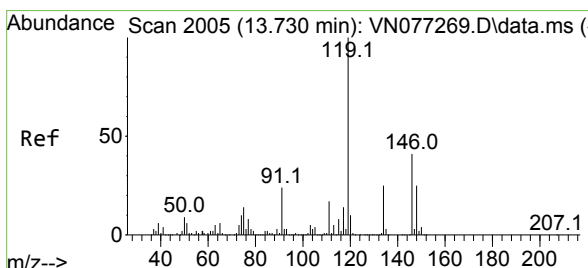
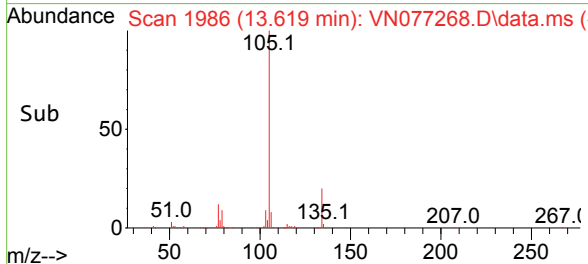
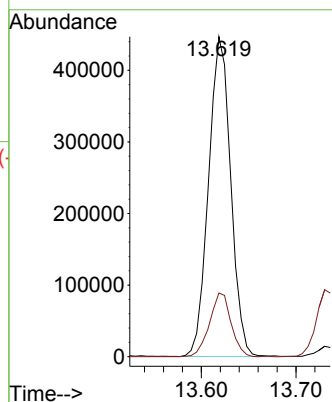
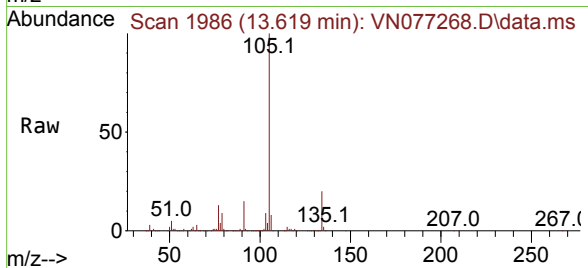




#81
 sec-Butylbenzene
 Concen: 19.119 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

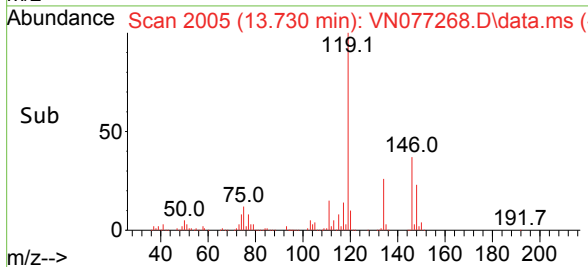
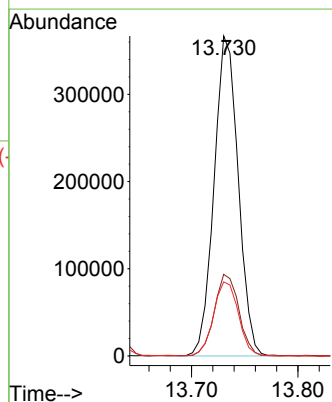
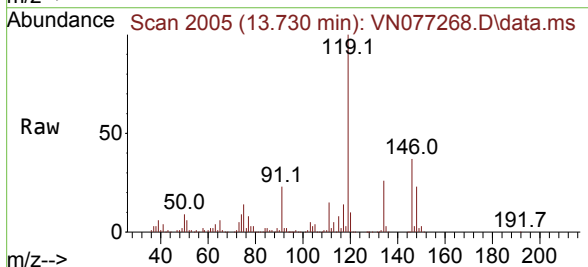
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

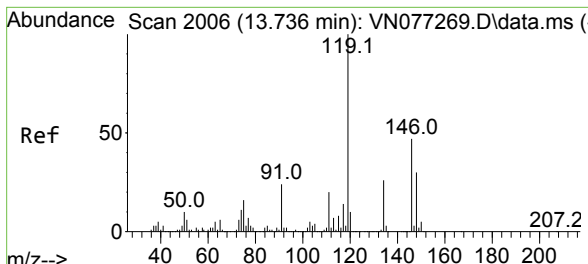
Tgt Ion:105 Resp: 725944
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 18.980 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

Tgt Ion:119 Resp: 577351
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.0
 91 23.9 0.0 48.0

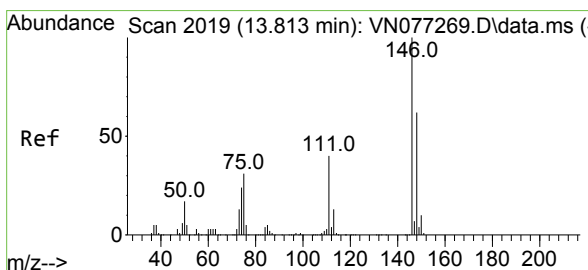
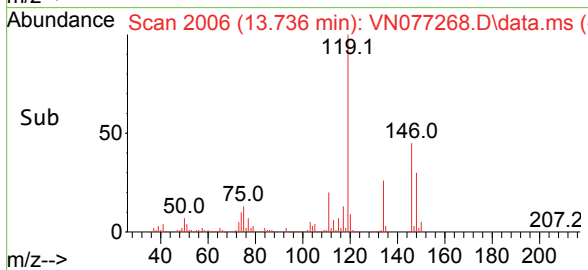
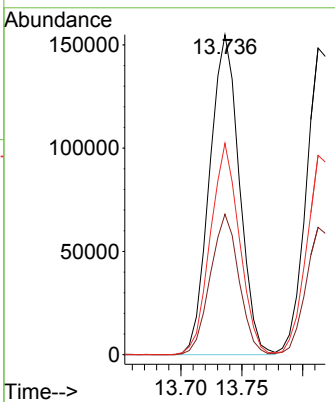
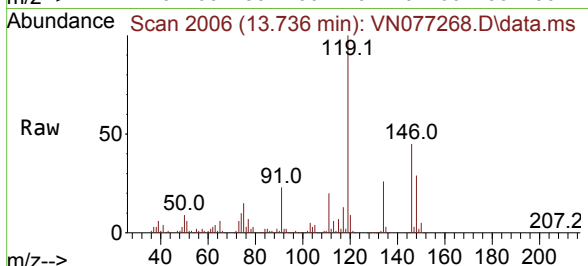




#83
 1,3-Dichlorobenzene
 Concen: 18.224 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

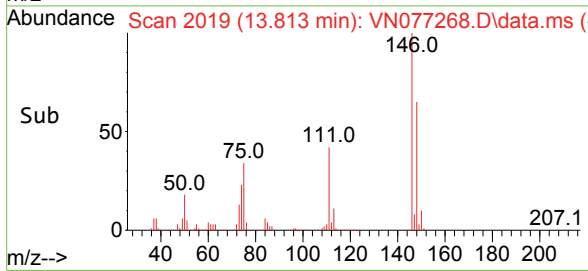
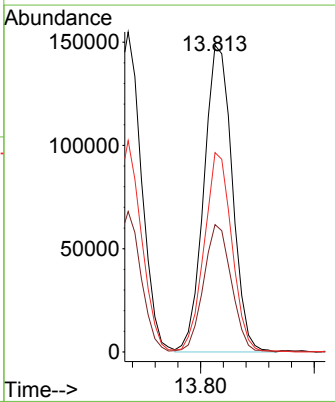
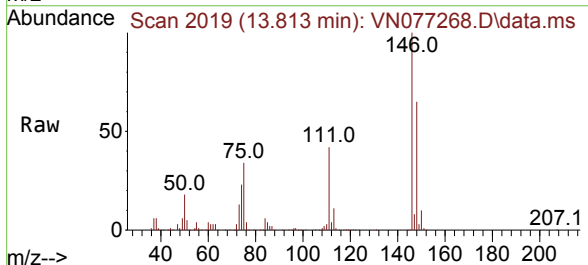
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

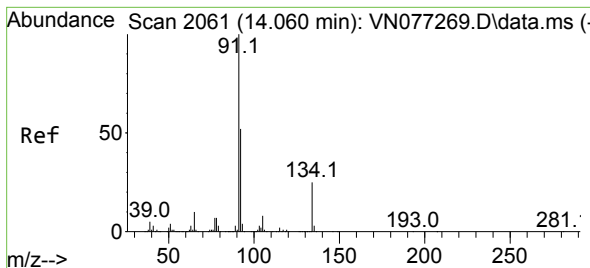
Tgt Ion:	146	Resp:	263479
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.4	64.2
148	64.6	31.9	95.5



#84
 1,4-Dichlorobenzene
 Concen: 18.344 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

Tgt Ion:	146	Resp:	257313
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.3	61.0
148	63.4	31.6	94.7





#85

n-Butylbenzene

Concen: 18.111 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

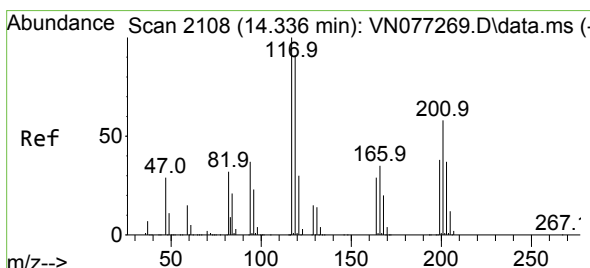
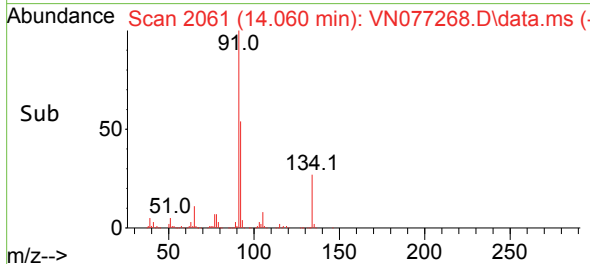
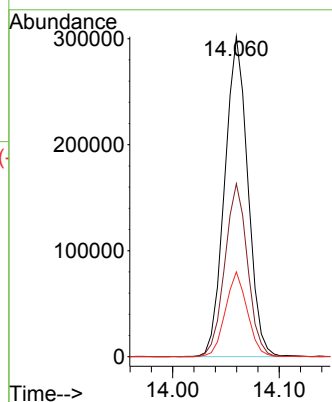
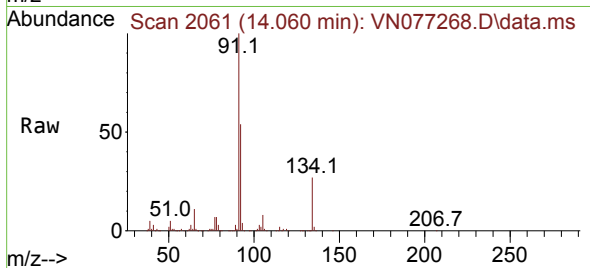
Tgt Ion: 91 Resp: 455261

Ion Ratio Lower Upper

91 100

92 53.1 0.0 105.6

134 25.1 0.0 49.4



#86

Hexachloroethane

Concen: 18.654 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077268.D

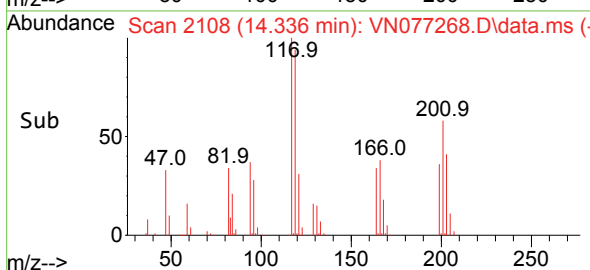
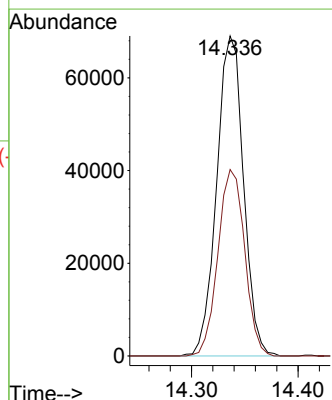
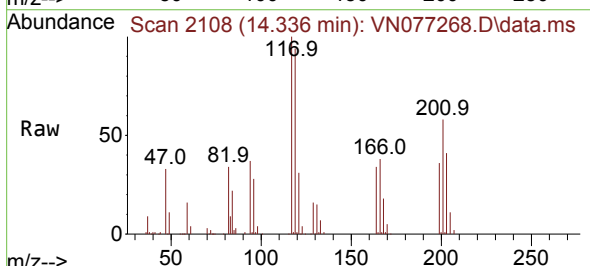
Acq: 07 Apr 2023 09:58

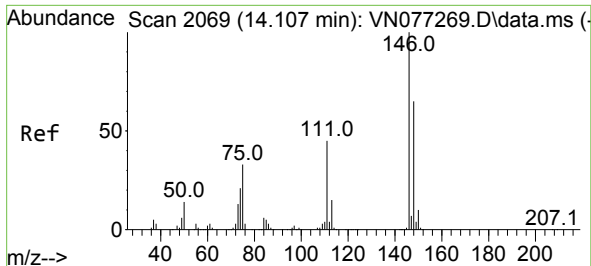
Tgt Ion: 117 Resp: 120703

Ion Ratio Lower Upper

117 100

201 58.0 29.1 87.4

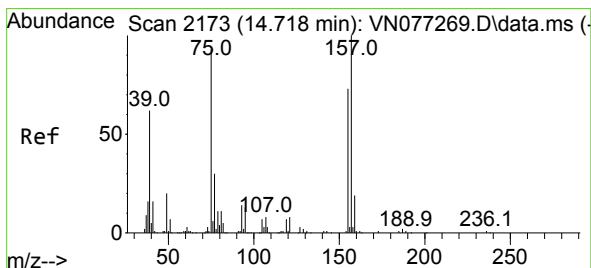
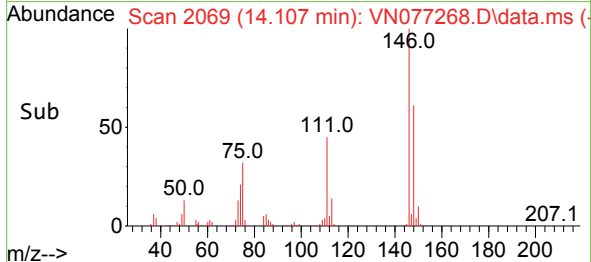
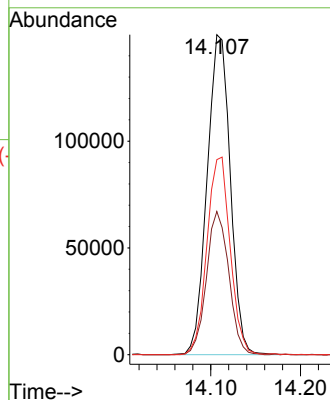
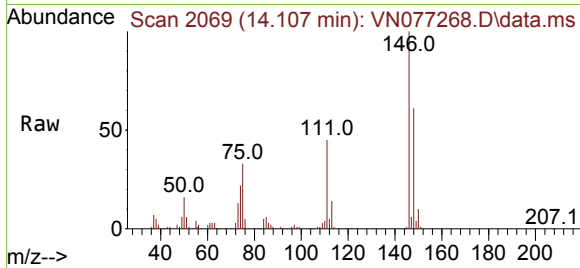




#87
 1,2-Dichlorobenzene
 Concen: 18.968 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

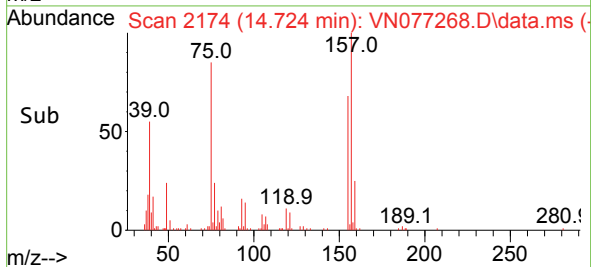
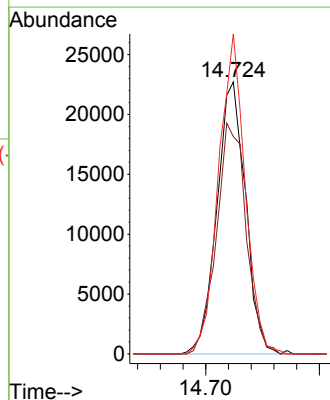
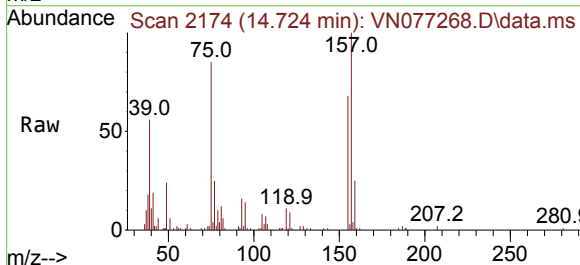
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

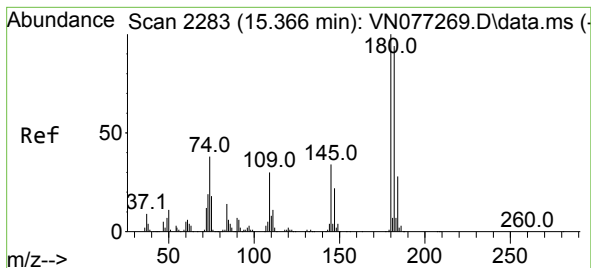
Tgt Ion:146 Resp: 268707
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.1 66.5
 148 61.8 31.9 95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.044 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.006 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

Tgt Ion: 75 Resp: 39740
 Ion Ratio Lower Upper
 75 100
 155 88.2 67.8 101.6
 157 109.2 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 16.584 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

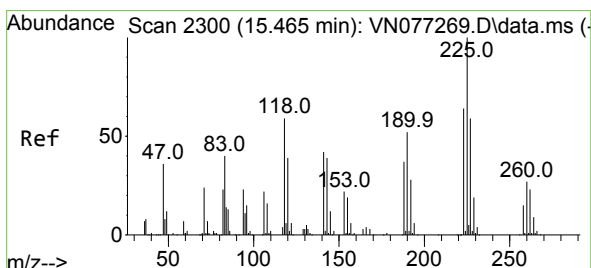
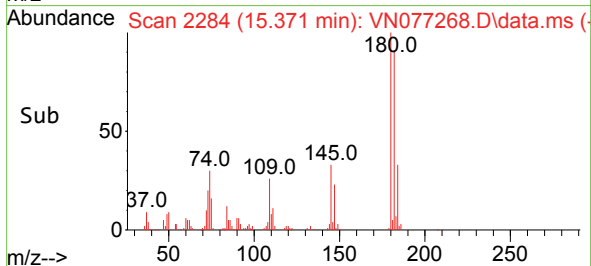
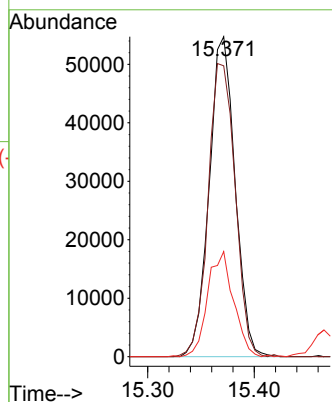
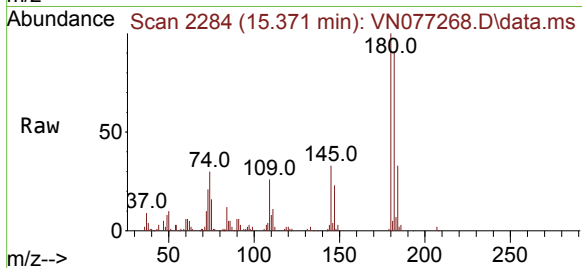
Tgt Ion:180 Resp: 92411

Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

145 32.7 26.7 40.1



#90

Hexachlorobutadiene

Concen: 18.275 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

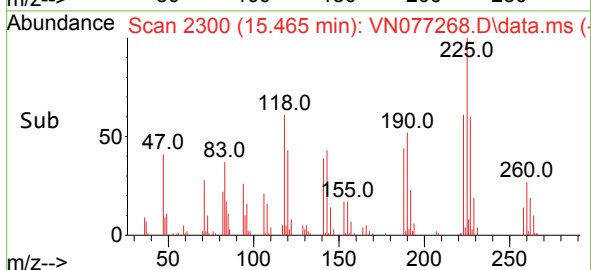
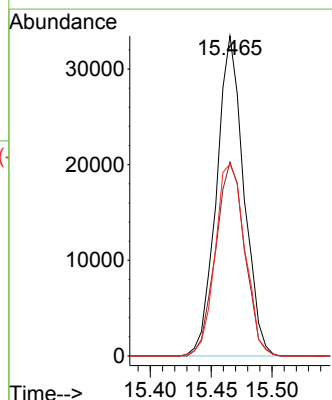
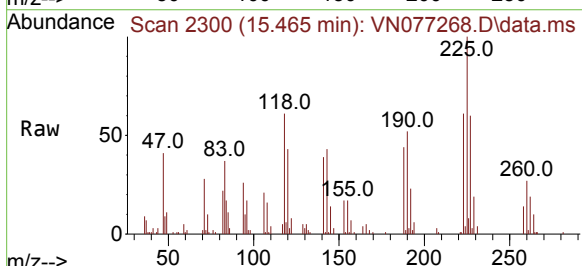
Tgt Ion:225 Resp: 52227

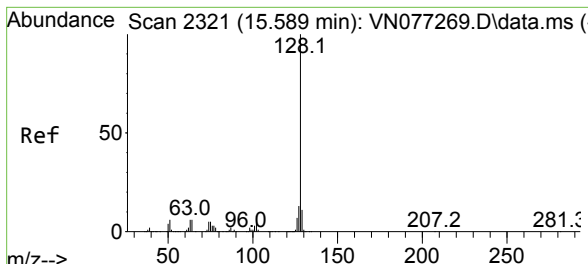
Ion Ratio Lower Upper

225 100

223 64.4 0.0 126.0

227 65.5 0.0 127.2

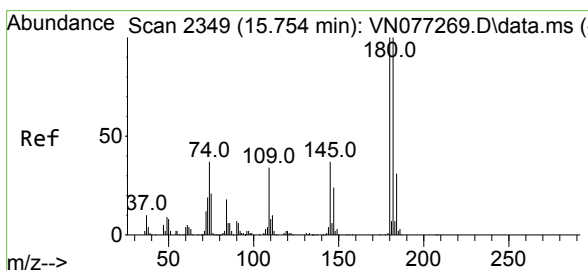
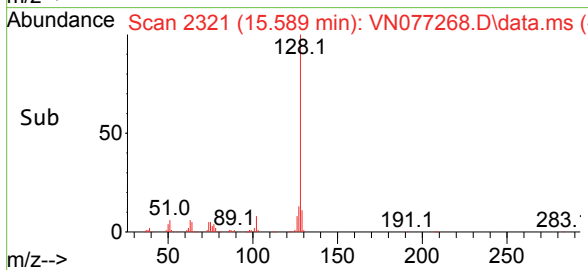
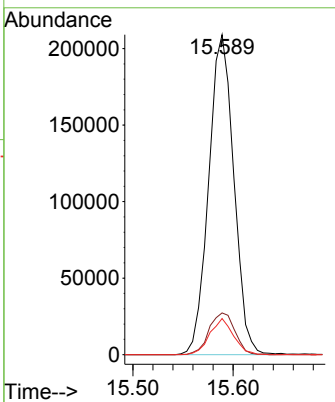
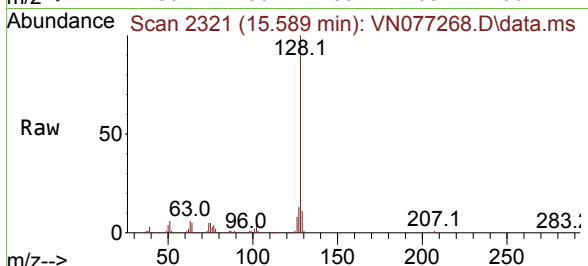




#91
 Naphthalene
 Concen: 17.106 ug/l
 RT: 15.589 min Scan# 2321
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:	128	Resp:	364155
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.2	15.2
129	10.7	8.9	13.3



#92
 1,2,3-Trichlorobenzene
 Concen: 17.194 ug/l
 RT: 15.754 min Scan# 2349
 Delta R.T. -0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

Tgt Ion:	180	Resp:	93487
Ion Ratio	Lower	Upper	
180	100		
182	92.3	0.0	190.4
145	35.4	0.0	72.4

