

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077270.D
 Acq On : 07 Apr 2023 10:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 08 05:13:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	59410	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	433554	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	494897	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	152230	30.213	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.700%	
60) 4-Bromofluorobenzene	12.848	95	275054	32.142	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 107.133%	
63) Toluene-d8	10.572	98	512191	29.440	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.133%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	591188	104.672	ug/l	98
3) Chloromethane	2.372	50	696995	92.889	ug/l	99
4) Vinyl Chloride	2.519	62	1035417	96.339	ug/l	99
5) Bromomethane	2.931	94	673667	83.182	ug/l	98
6) Chloroethane	3.113	64	684214	94.978	ug/l	100
7) Trichlorofluoromethane	3.496	101	972586	97.188	ug/l	95
8) Diethyl Ether	3.966	74	427028	100.113	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.372	101	616701	98.549	ug/l	98
10) 1,1-Dichloroethene	4.343	96	620266	99.081	ug/l	97
11) Methyl Iodide	4.595	142	807646	114.196	ug/l	98
12) Methyl Acetate	5.031	43	951927	102.064	ug/l	100
13) Acrolein	4.184	56	591997	511.354	ug/l	99
14) Acrylonitrile	5.725	53	1676204	525.767	ug/l	99
15) Acetone	4.431	58	543146	469.608	ug/l	95
16) Carbon Disulfide	4.719	76	1642953	99.431	ug/l #	95
17) Allyl chloride	5.031	41	783549	97.231	ug/l	97
18) Methylene Chloride	5.284	84	724458	99.653	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	700402	102.895	ug/l	97
20) Diisopropyl ether	6.678	45	1986953	103.451	ug/l	97
21) 1,1-Dichloroethane	6.572	63	1263503	103.787	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	861894	103.867	ug/l	99
23) tert-Butyl Alcohol	5.531	59	691253	487.624	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	2328079	103.298	ug/l	99
25) Chloroform	7.972	83	1344915	101.939	ug/l	97
26) Cyclohexane	8.260	56	1079429	102.040	ug/l #	99
29) 1,1-Dichloropropene	8.378	75	1015520	108.127	ug/l	99
30) 2-Butanone	7.484	43	2262517	509.419	ug/l	99
31) 2,2-Dichloropropane	7.495	77	1241973	107.722	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	1218076	105.385	ug/l	99
33) Carbon Tetrachloride	8.366	117	1057955	107.244	ug/l	96
34) Benzene	8.613	78	3049745	104.946	ug/l	98
35) Methacrylonitrile	7.783	41	446929	106.822	ug/l	99
36) 1,2-Dichloroethane	8.672	62	970580	106.529	ug/l	100
37) Trichloroethene	9.354	130	748418	105.290	ug/l	99
38) Methylcyclohexane	9.601	83	1361496	106.885	ug/l	99
39) 1,2-Dichloropropane	9.625	63	759234	105.244	ug/l	100
40) Dibromomethane	9.713	93	551881	106.175	ug/l	100
41) Bromodichloromethane	9.889	83	1095634	105.710	ug/l	99
42) Vinyl Acetate	6.613	43	6920123	538.359	ug/l #	100

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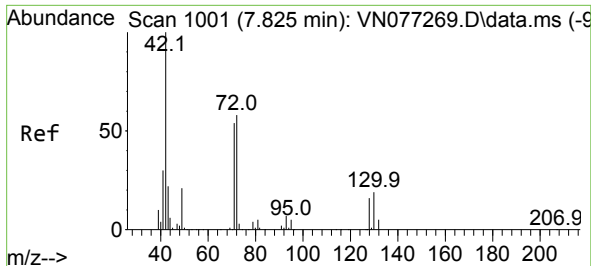
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	896726	109.131	ug/l	93
44) Isopropyl Acetate	8.689	43	1559057	105.969	ug/l #	100
45) 1,4-Dioxane	9.701	88	319163	2056.958	ug/l	100
46) Methyl methacrylate	9.683	41	663030	104.672	ug/l	98
47) n-amyl Acetate	12.495	43	1458143	113.410	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	1285643	110.835	ug/l	96
49) cis-1,3-Dichloropropene	10.313	75	1346624	109.126	ug/l	98
50) 1,1,2-Trichloroethane	11.019	97	801657	106.181	ug/l	99
51) Ethyl methacrylate	10.877	69	1291834	111.420	ug/l	98
52) 1,3-Dichloropropane	11.166	76	1343212	106.597	ug/l	100
53) Dibromochloromethane	11.360	129	875199	109.986	ug/l	99
54) 1,2-Dibromoethane	11.471	107	821648	108.408	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	2244792	627.096	ug/l	100
56) Bromoform	12.583	173	602886	112.789	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	4684519	505.550	ug/l	98
59) 2-Hexanone	11.195	43	3555051	496.348	ug/l	99
61) Tetrachloroethene	11.107	164	586761	99.682	ug/l	93
62) Toluene	10.630	91	3554901	102.950	ug/l	100
64) Chlorobenzene	11.895	112	2173169	103.592	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	793603	102.874	ug/l	98
66) Ethyl Benzene	11.966	91	4054701	105.991	ug/l	99
67) m/p-Xylenes	12.071	106	3152596	210.247	ug/l	100
68) o-Xylene	12.401	106	1577564	105.164	ug/l	98
69) Styrene	12.413	104	2623700	109.167	ug/l	99
70) Isopropylbenzene	12.701	105	4069991	106.907	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	1227477	105.286	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	1557488	196.532	ug/l	40
73) Bromobenzene	12.983	156	822627	106.355	ug/l	99
74) n-propylbenzene	13.042	91	4732344	112.349	ug/l	100
75) 2-Chlorotoluene	13.130	91	2729567	108.171	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	3404205	109.864	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	461378	114.299	ug/l	99
78) 4-Chlorotoluene	13.224	91	2690349	112.835	ug/l	99
79) tert-butylbenzene	13.442	119	2877068	106.689	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	3397639	112.486	ug/l	98
81) sec-Butylbenzene	13.618	105	4288114	111.340	ug/l	100
82) p-Isopropyltoluene	13.730	119	3503891	113.558	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	1641133	111.907	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	1610654	113.202	ug/l	100
85) n-Butylbenzene	14.060	91	3127041	122.642	ug/l	99
86) Hexachloroethane	14.336	117	708070	107.878	ug/l	100
87) 1,2-Dichlorobenzene	14.107	146	1603221	111.570	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	248525	111.244	ug/l	98
89) 1,2,4-Trichlorobenzene	15.371	180	786093	139.075	ug/l	99
90) Hexachlorobutadiene	15.465	225	336799	116.182	ug/l	99
91) Naphthalene	15.589	128	2980010	138.006	ug/l	99
92) 1,2,3-Trichlorobenzene	15.754	180	747686	135.568	ug/l	99

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

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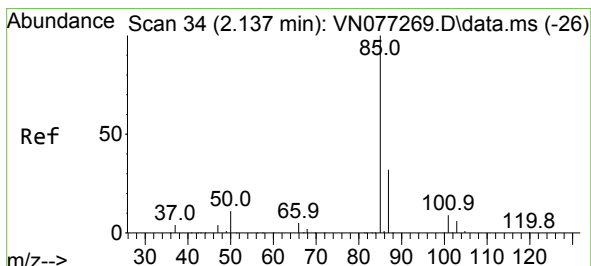
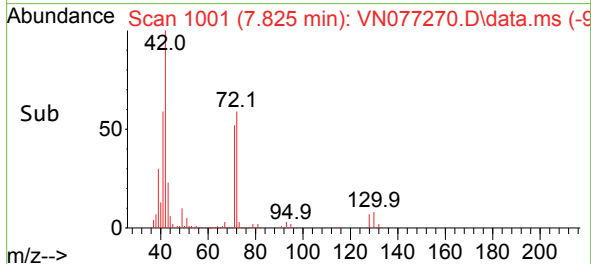
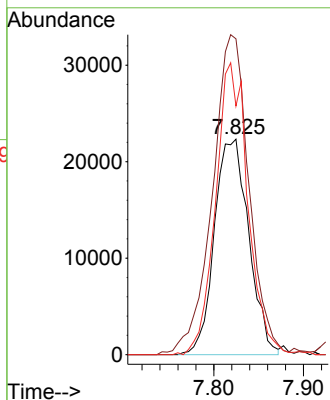
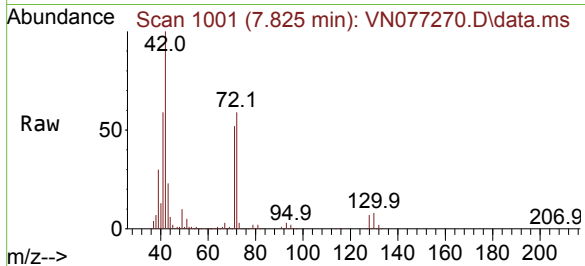




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077270.D
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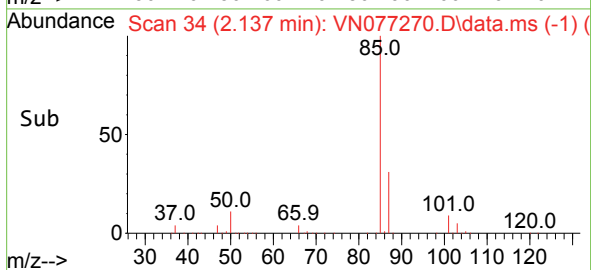
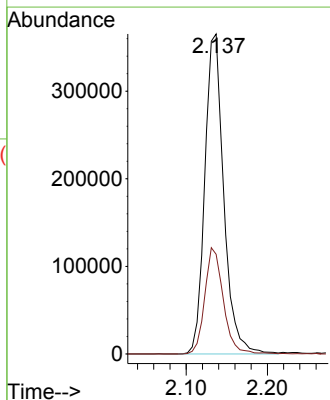
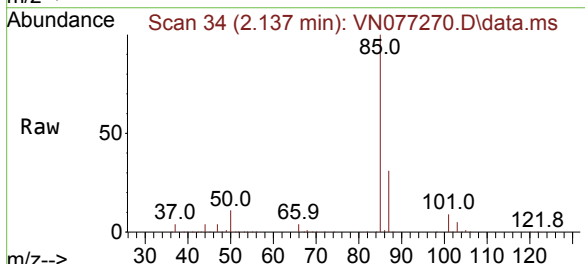
Instrument :
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VSTDIC100

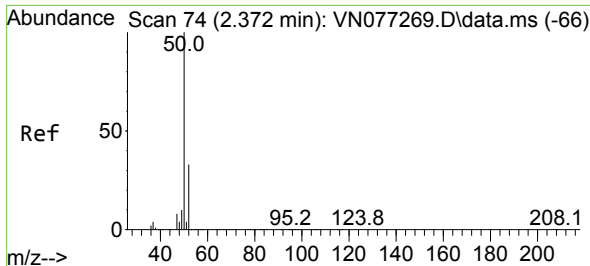
Tgt Ion:128 Resp: 59410
Ion Ratio Lower Upper
128 100
49 154.9 0.0 379.5
130 127.1 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 104.672 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 85 Resp: 591188
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.6

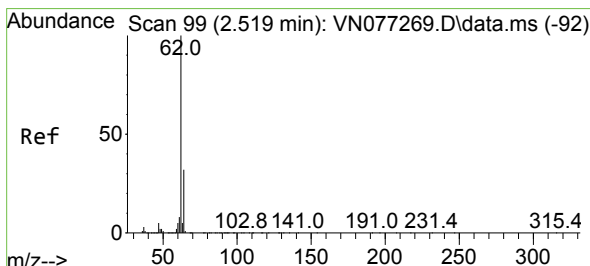
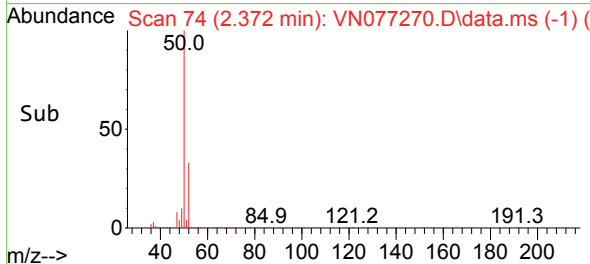
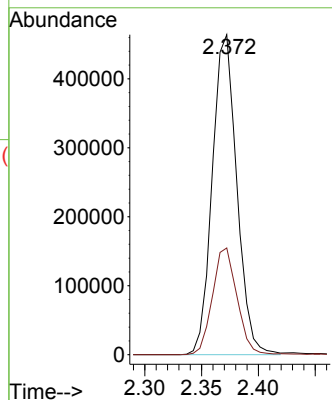
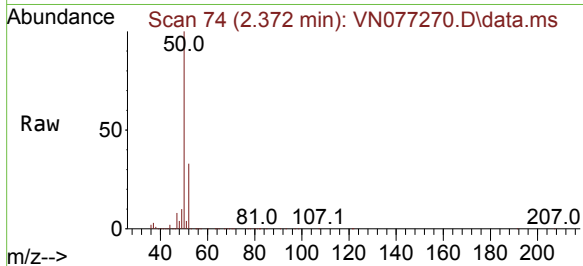




#3
Chloromethane
Concen: 92.889 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

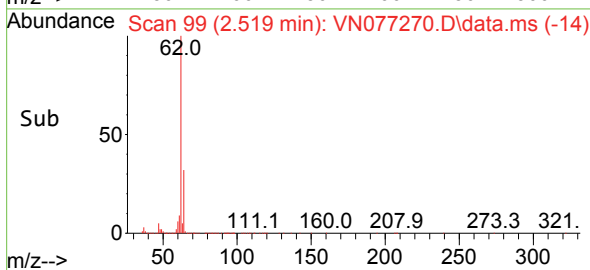
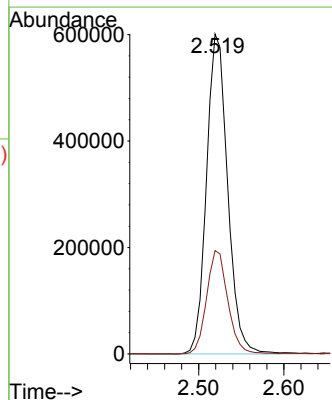
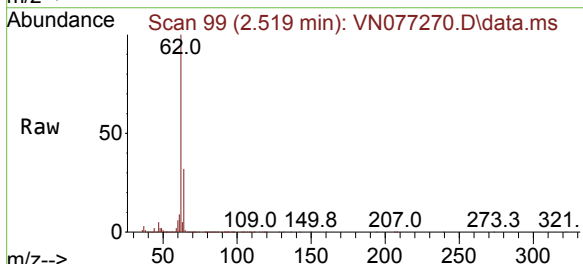
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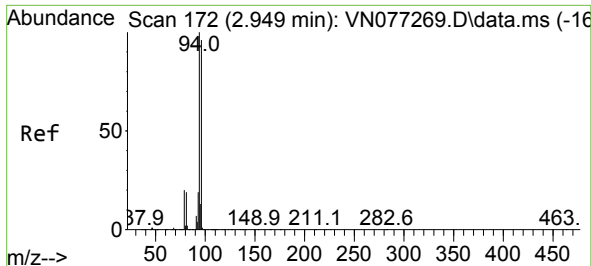
Tgt Ion: 50 Resp: 696995
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6



#4
Vinyl Chloride
Concen: 96.339 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 62 Resp: 1035417
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

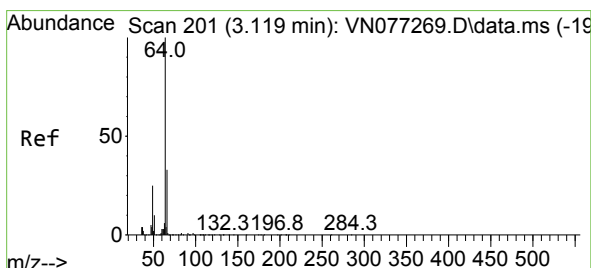
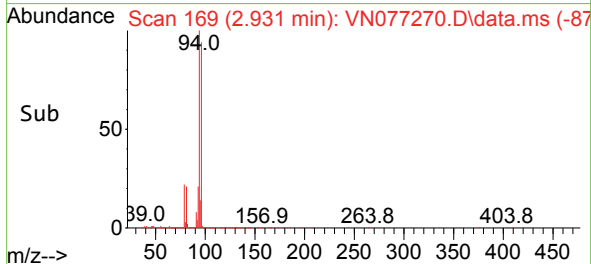
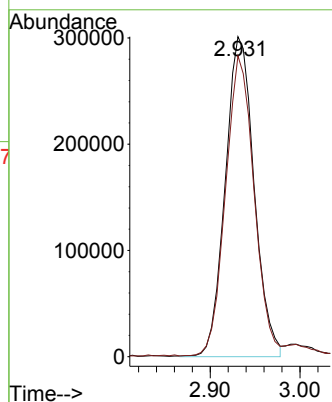
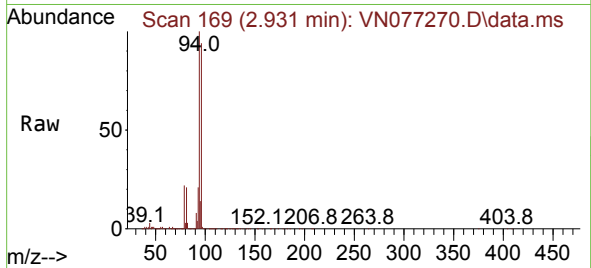




#5
Bromomethane
Concen: 83.182 ug/l
RT: 2.931 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

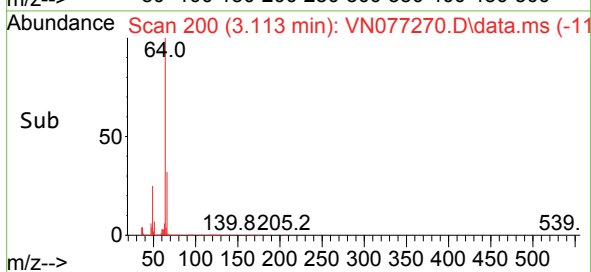
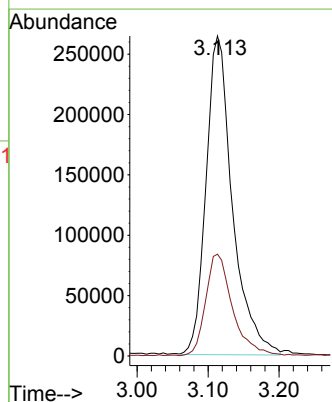
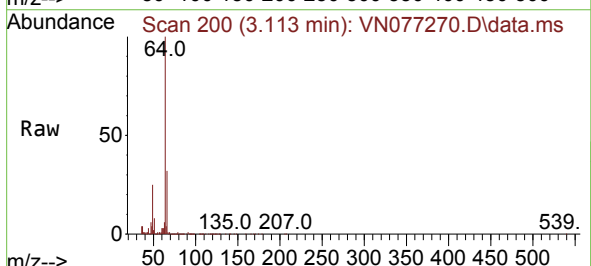
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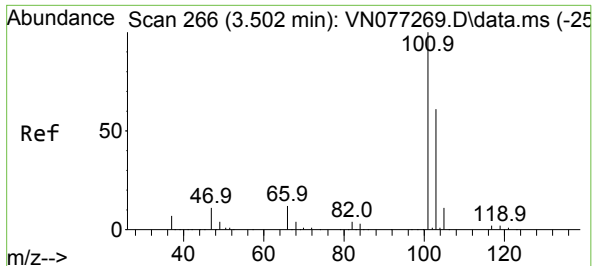
Tgt Ion: 94 Resp: 673667
Ion Ratio Lower Upper
94 100
96 94.0 77.0 115.6



#6
Chloroethane
Concen: 94.978 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 64 Resp: 684214
Ion Ratio Lower Upper
64 100
66 31.9 25.7 38.5

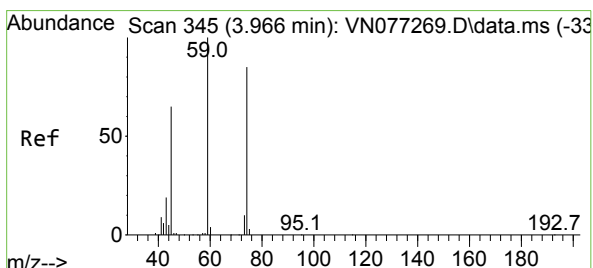
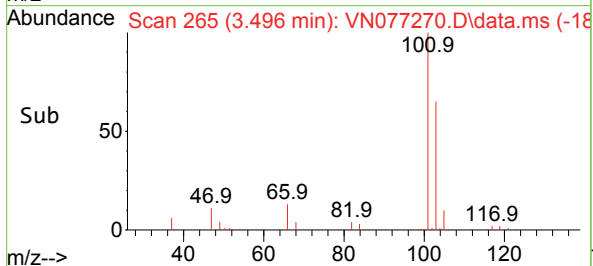
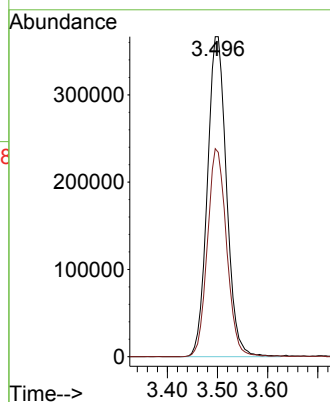
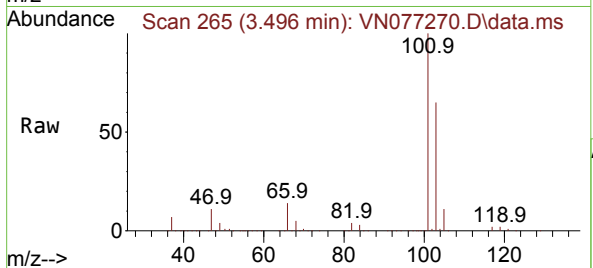




#7
 Trichlorofluoromethane
 Concen: 97.188 ug/l
 RT: 3.496 min Scan# 266
 Delta R.T. -0.006 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

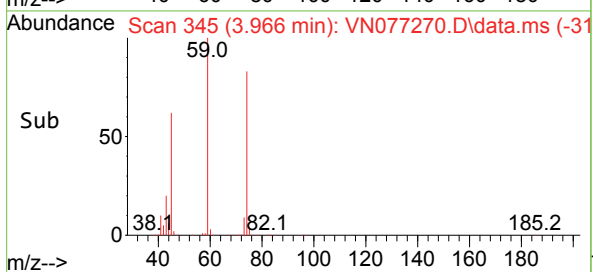
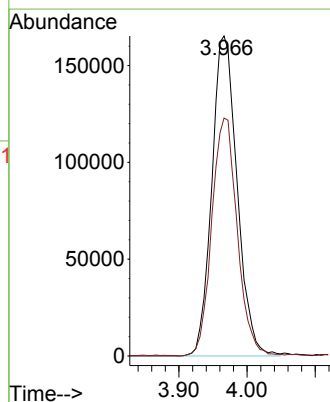
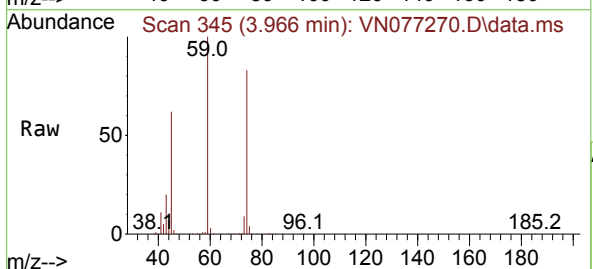
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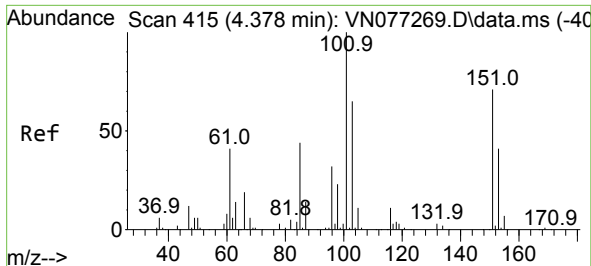
Tgt Ion:101 Resp: 972586
 Ion Ratio Lower Upper
 101 100
 103 65.0 48.9 73.3



#8
 Diethyl Ether
 Concen: 100.113 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

Tgt Ion: 74 Resp: 427028
 Ion Ratio Lower Upper
 74 100
 45 74.6 14.8 133.6

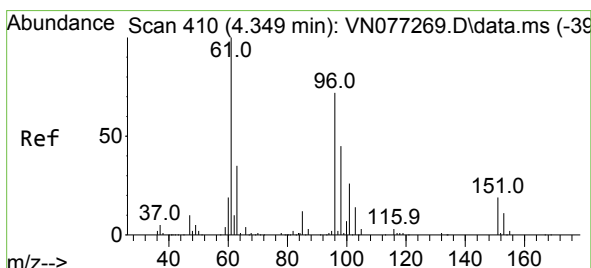
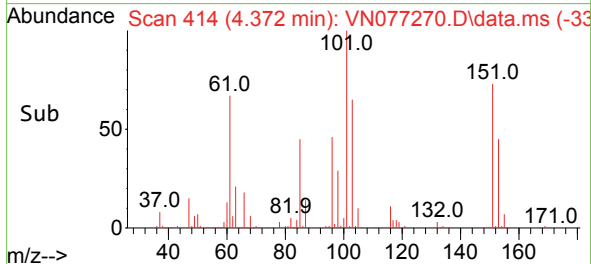
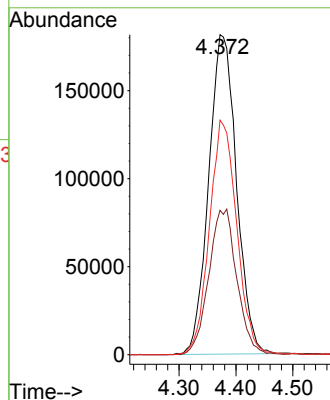
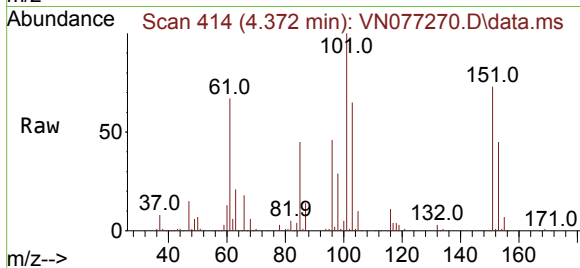




#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.549 ug/l
RT: 4.372 min Scan# 415
Delta R.T. -0.006 min
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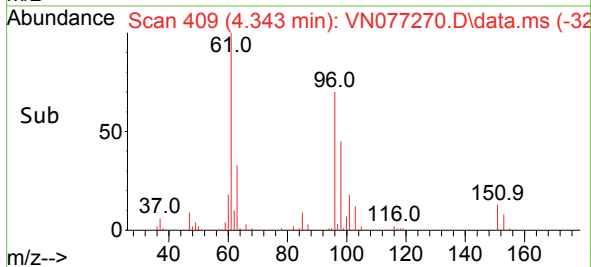
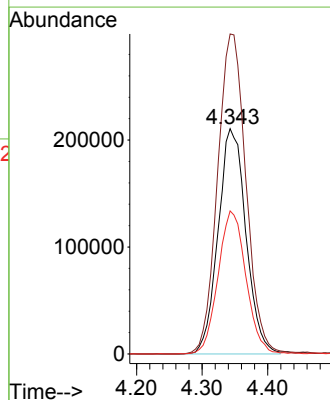
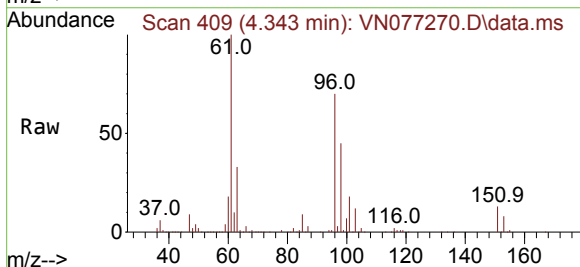
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MSVOA_N
ClientSampleId :
VSTDIC100

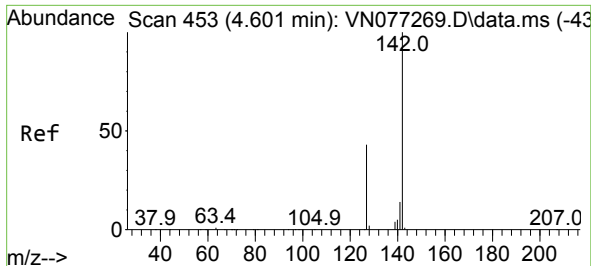
Tgt Ion:101 Resp: 616701
Ion Ratio Lower Upper
101 100
85 45.9 0.0 89.6
151 72.3 0.0 141.6



#10
1,1-Dichloroethene
Concen: 99.081 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 96 Resp: 620266
Ion Ratio Lower Upper
96 100
61 142.0 110.7 166.1
98 63.4 49.6 74.4

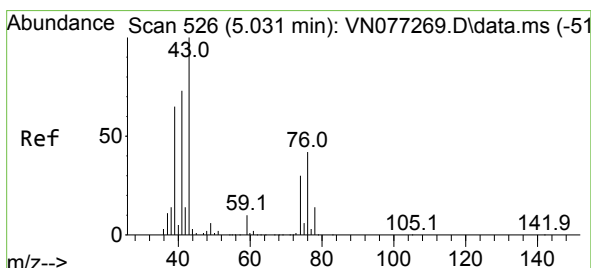
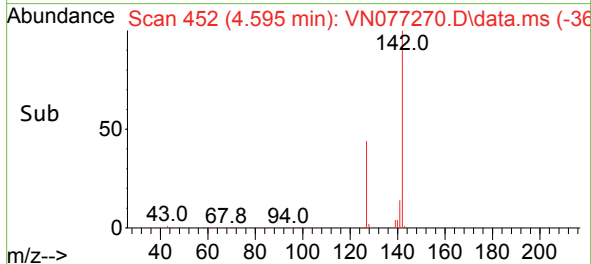
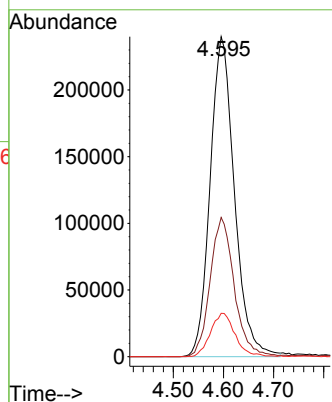
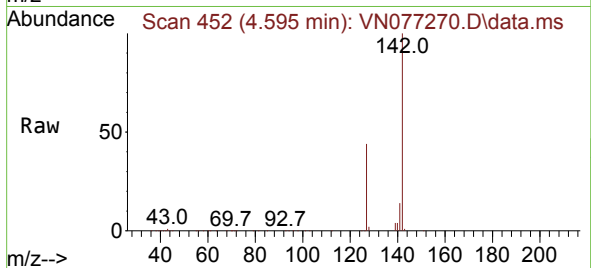




#11
Methyl Iodide
Concen: 114.196 ug/l
RT: 4.595 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

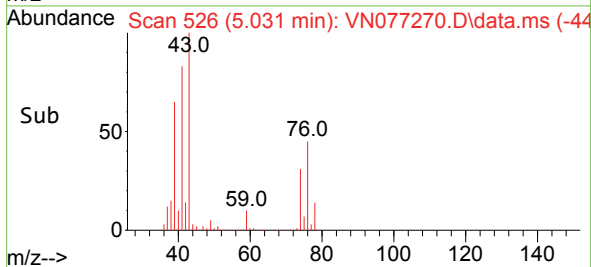
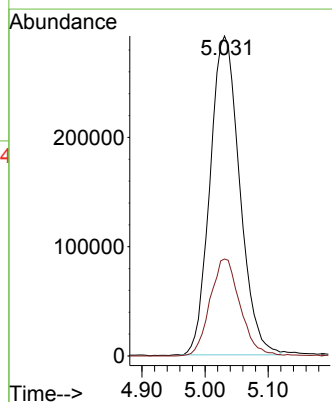
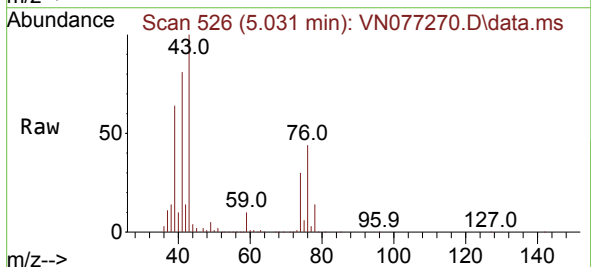
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

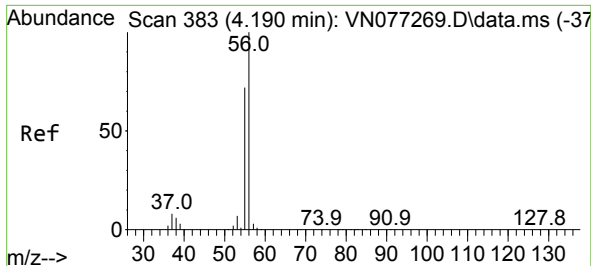
Tgt Ion:142 Resp: 807646
Ion Ratio Lower Upper
142 100
127 43.6 21.3 63.7
141 13.4 7.0 20.9



#12
Methyl Acetate
Concen: 102.064 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 43 Resp: 951927
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.2

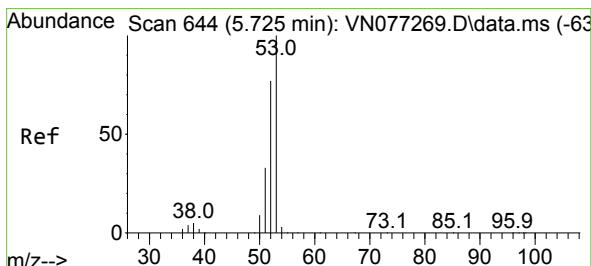
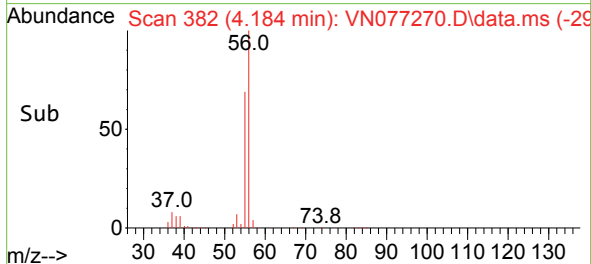
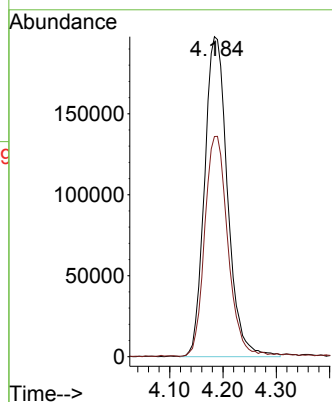
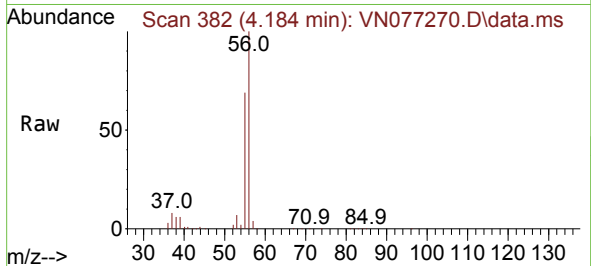




#13
Acrolein
Concen: 511.354 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

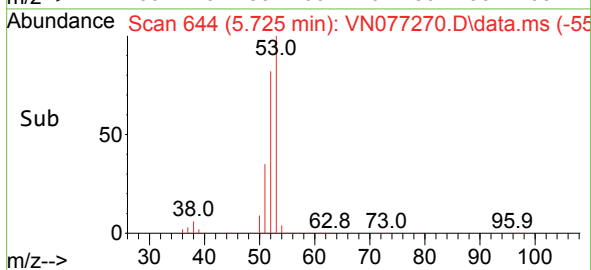
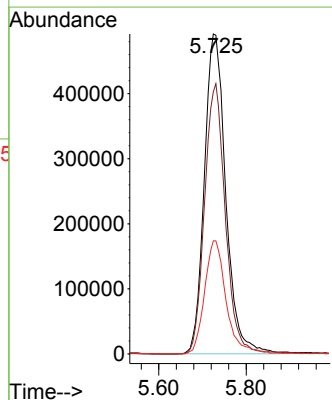
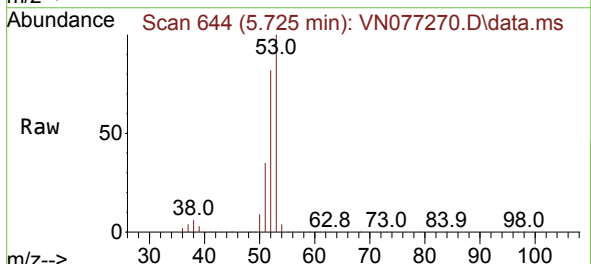
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

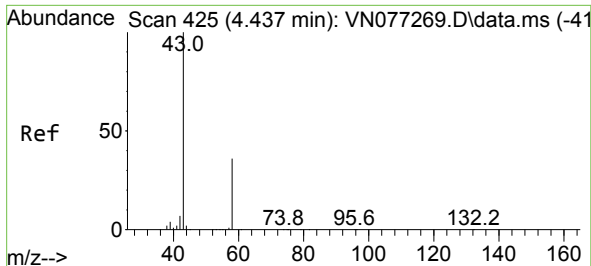
Tgt Ion: 56 Resp: 591997
Ion Ratio Lower Upper
56 100
55 68.6 55.2 82.8



#14
Acrylonitrile
Concen: 525.767 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 53 Resp: 1676204
Ion Ratio Lower Upper
53 100
52 81.5 41.0 123.0
51 34.8 17.7 53.1

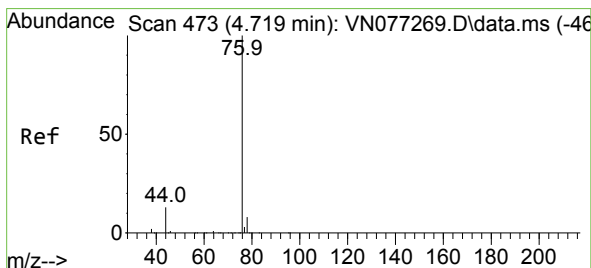
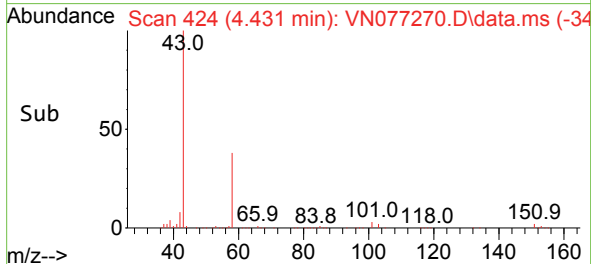
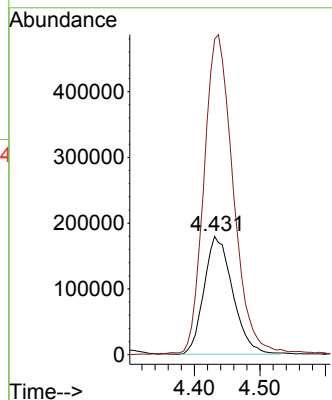
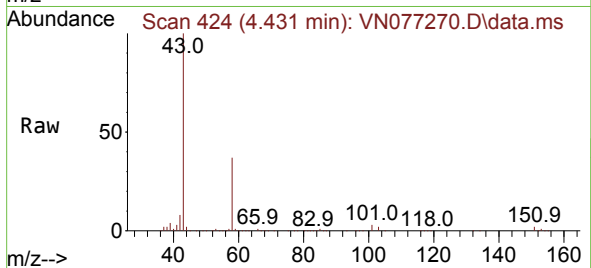




#15
Acetone
Concen: 469.608 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

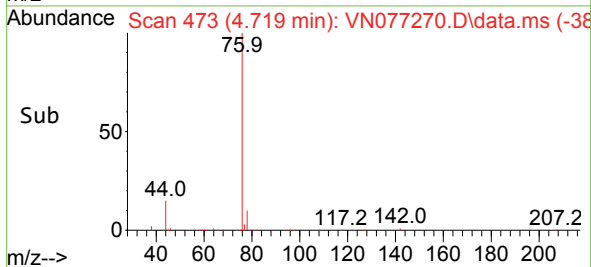
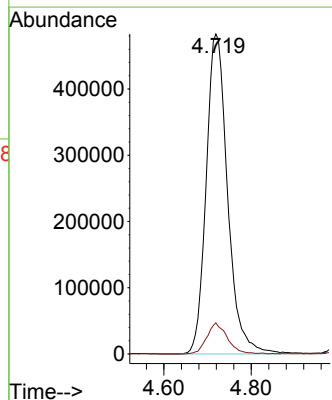
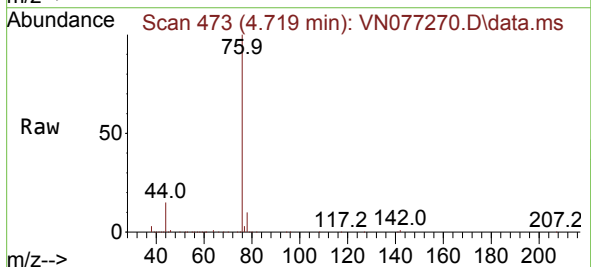
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

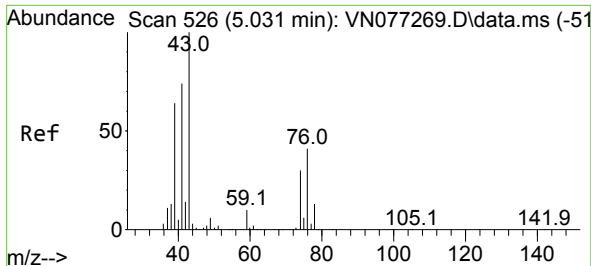
Tgt Ion: 58 Resp: 543146
Ion Ratio Lower Upper
58 100
43 266.3 220.9 331.3



#16
Carbon Disulfide
Concen: 99.431 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 76 Resp: 1642953
Ion Ratio Lower Upper
76 100
78 9.7 6.3 9.5#

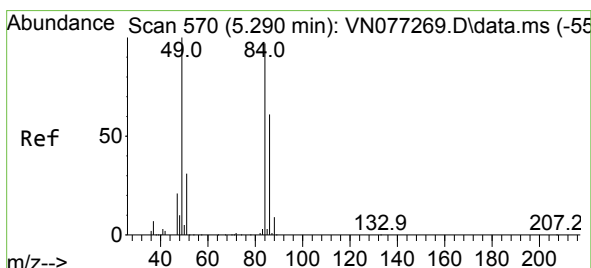
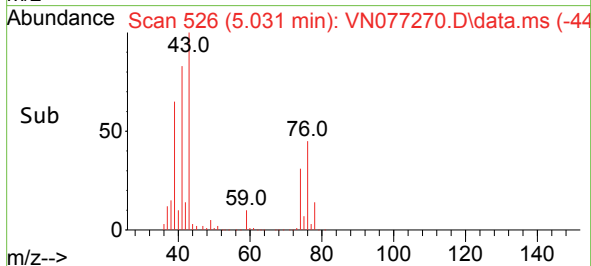
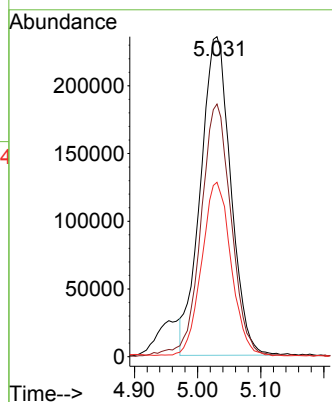
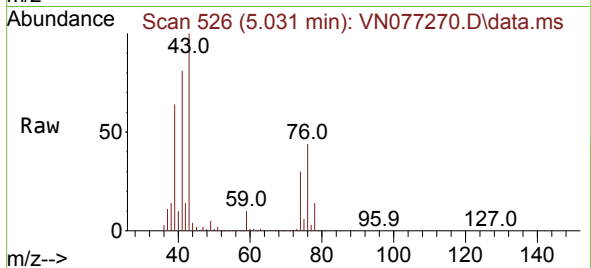




#17
 Allyl chloride
 Concen: 97.231 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

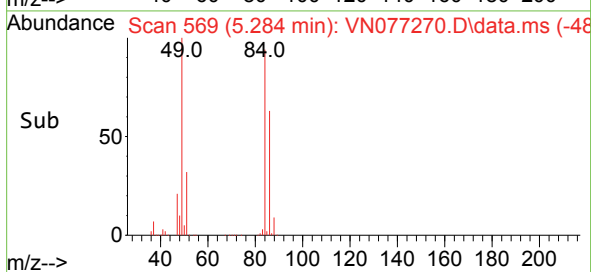
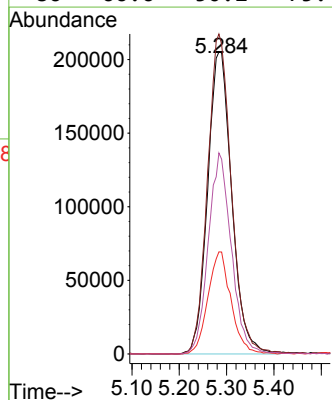
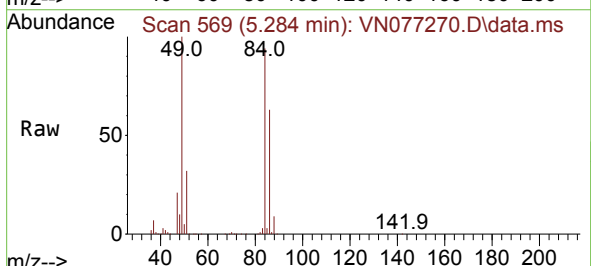
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

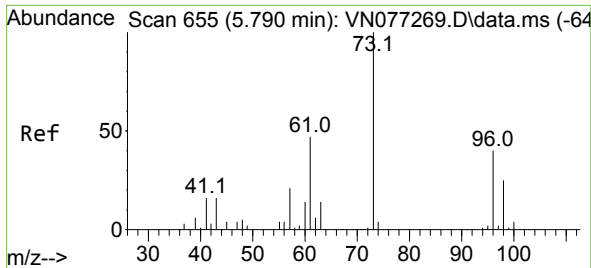
Tgt Ion: 41 Resp: 783549
 Ion Ratio Lower Upper
 41 100
 39 78.9 40.3 120.9
 76 54.5 25.3 75.8



#18
 Methylene Chloride
 Concen: 99.653 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

Tgt Ion: 84 Resp: 724458
 Ion Ratio Lower Upper
 84 100
 49 105.9 82.7 124.1
 51 33.8 25.6 38.4
 86 66.6 50.2 75.4

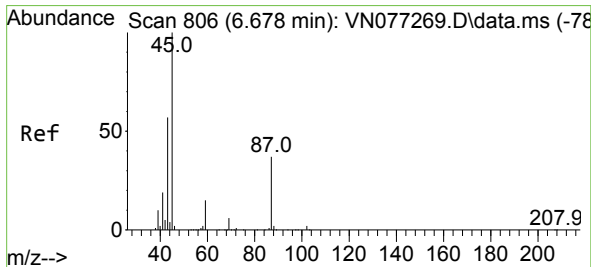
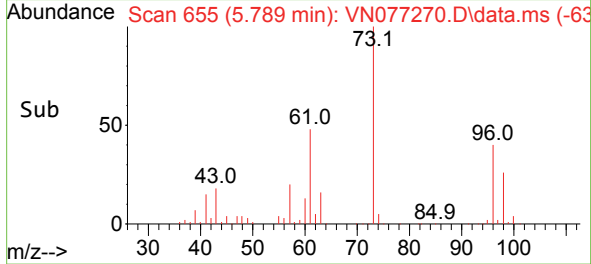
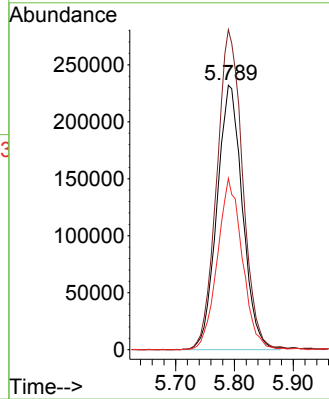
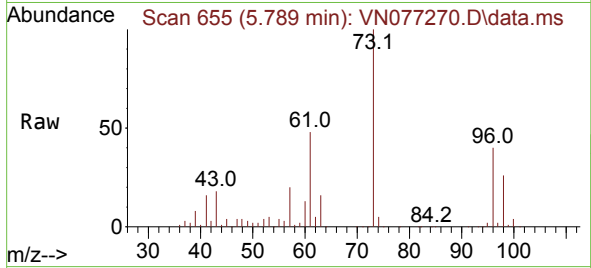




#19
trans-1,2-Dichloroethene
Concen: 102.895 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

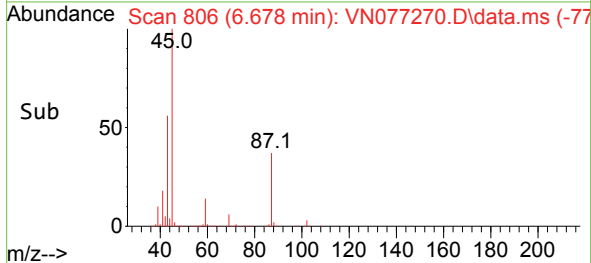
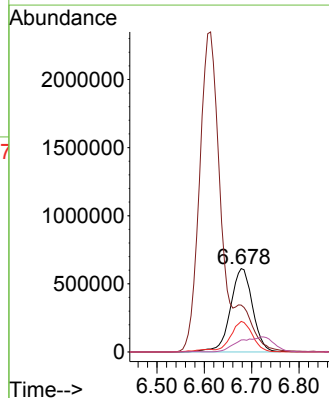
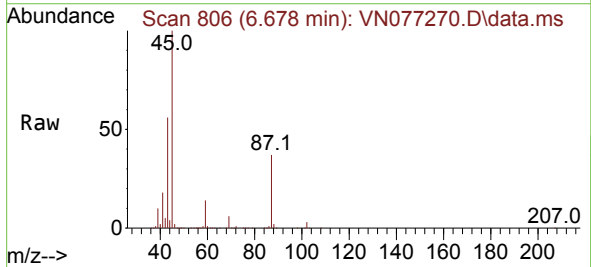
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

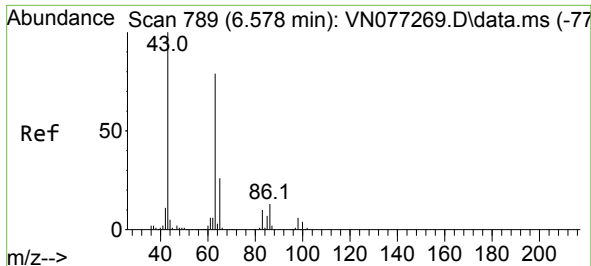
Tgt Ion: 96 Resp: 700402
Ion Ratio Lower Upper
96 100
61 121.0 94.5 141.7
98 64.8 49.8 74.8



#20
Diisopropyl ether
Concen: 103.451 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 45 Resp: 1986953
Ion Ratio Lower Upper
45 100
43 54.8 45.9 68.9
87 36.4 30.1 45.1
59 14.3 11.5 17.3





#21

1,1-Dichloroethane

Concen: 103.787 ug/l

RT: 6.572 min Scan# 789

Delta R.T. -0.006 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

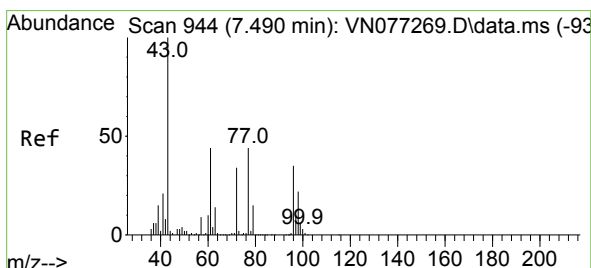
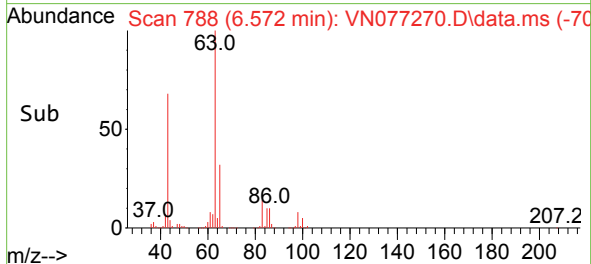
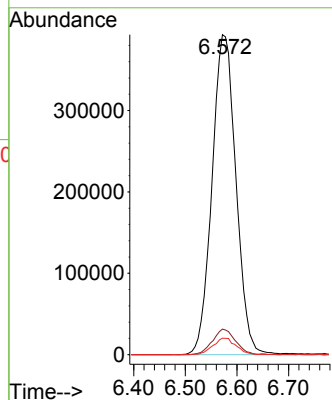
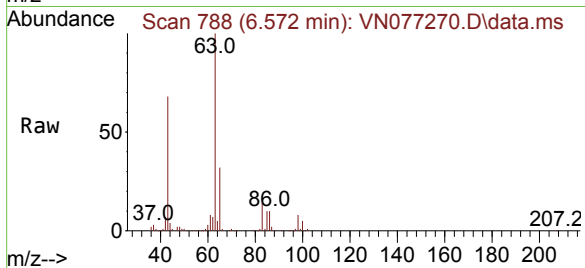
Tgt Ion: 63 Resp: 1263503

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 5.2 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 103.867 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

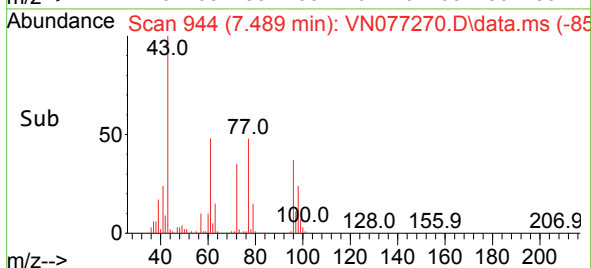
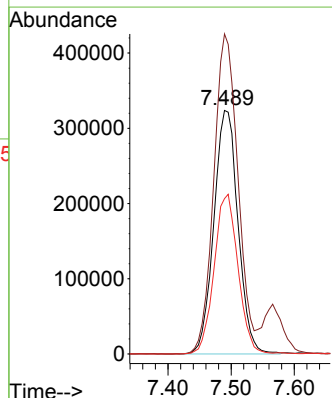
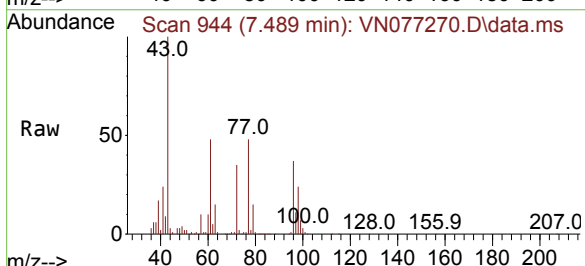
Tgt Ion: 96 Resp: 861894

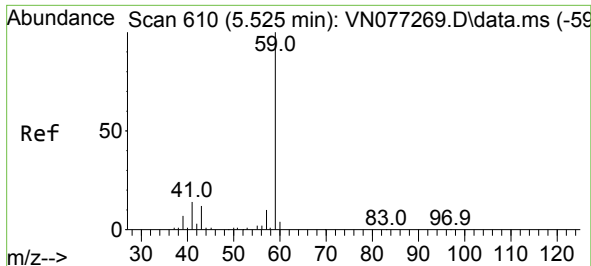
Ion Ratio Lower Upper

96 100

61 130.7 105.5 158.3

98 64.7 51.8 77.6

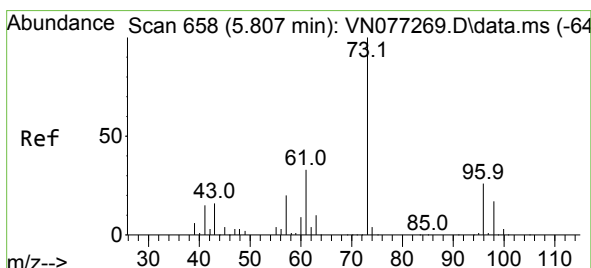
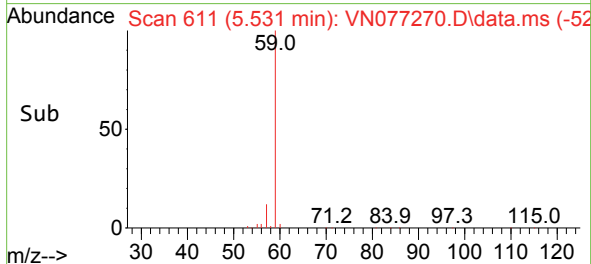
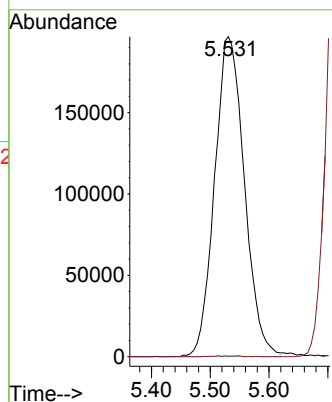
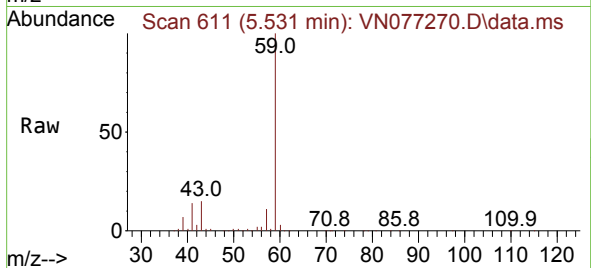




#23
tert-Butyl Alcohol
Concen: 487.624 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

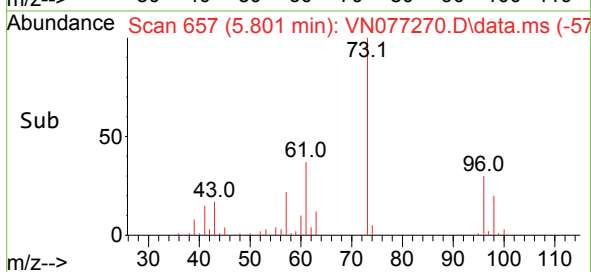
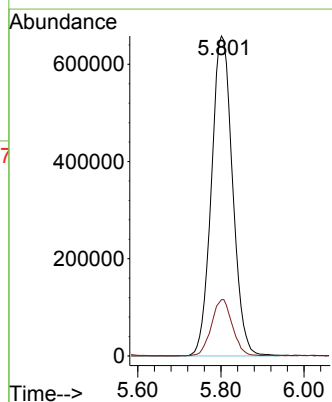
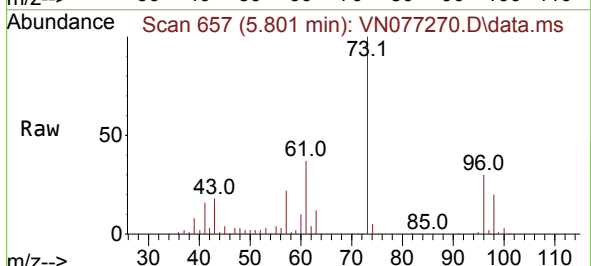
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

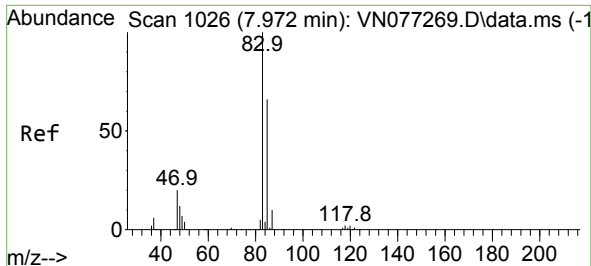
Tgt Ion: 59 Resp: 691253
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 103.298 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 73 Resp: 2328079
Ion Ratio Lower Upper
73 100
43 17.4 13.5 20.3

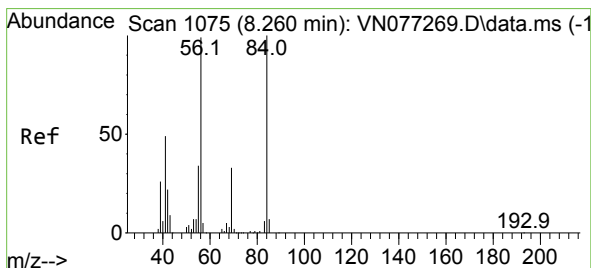
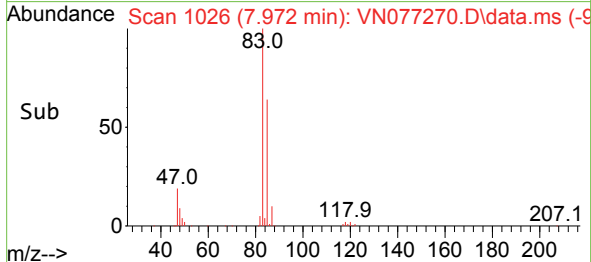
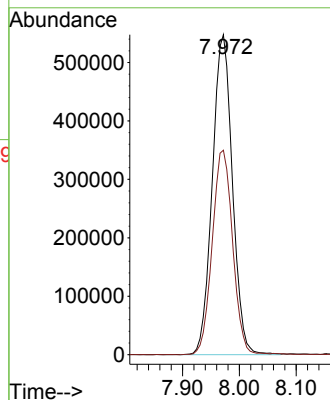
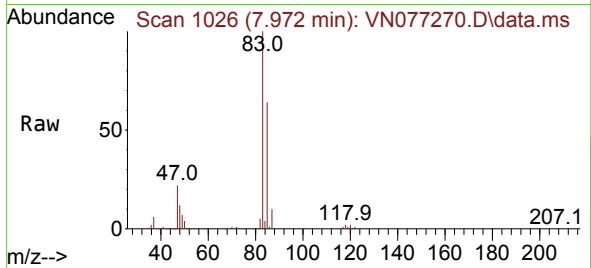




#25
Chloroform
Concen: 101.939 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

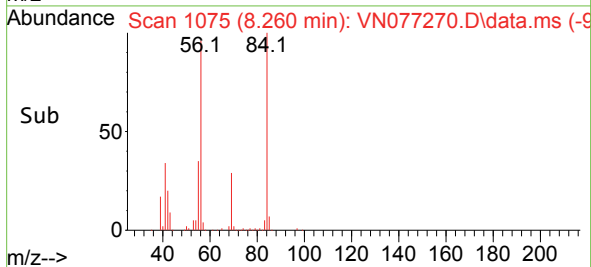
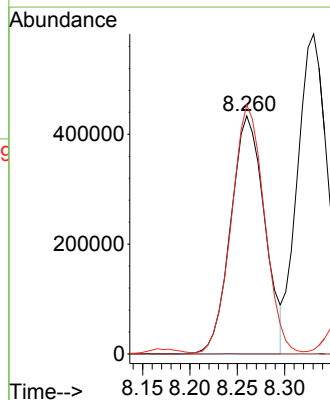
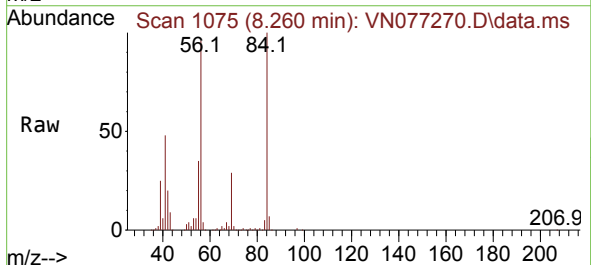
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

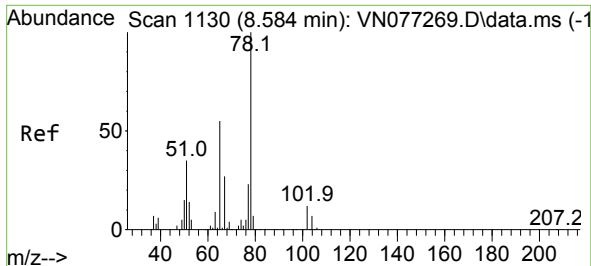
Tgt Ion: 83 Resp: 1344915
Ion Ratio Lower Upper
83 100
85 63.9 52.9 79.3



#26
Cyclohexane
Concen: 102.040 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 56 Resp: 1079429
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 102.1 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.213 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

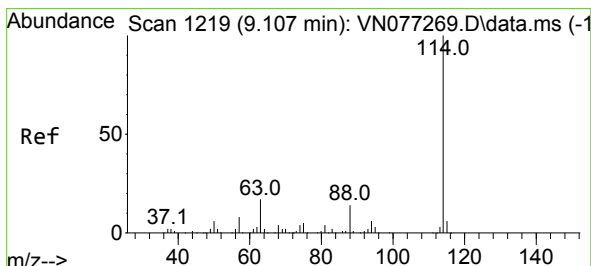
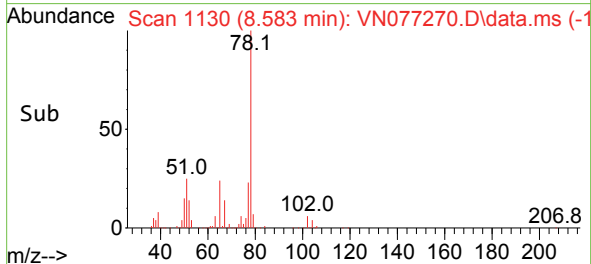
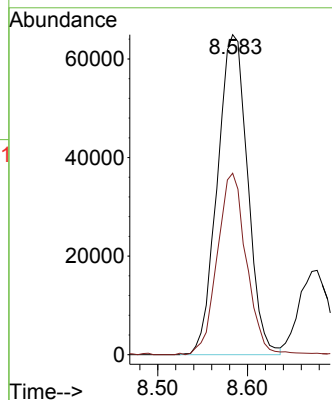
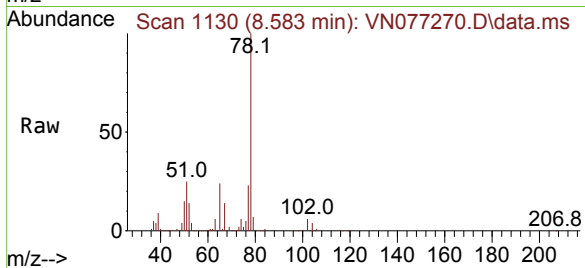
VSTDICC100

Tgt Ion: 65 Resp: 152230

Ion Ratio Lower Upper

65 100

67 54.5 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: VN077270.D

Acq: 07 Apr 2023 10:46

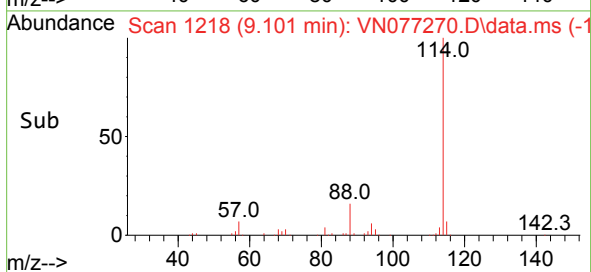
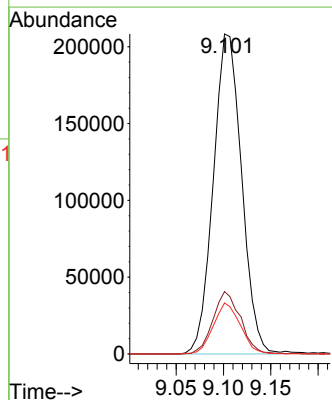
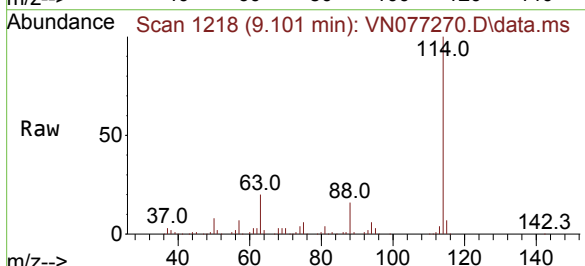
Tgt Ion: 114 Resp: 433554

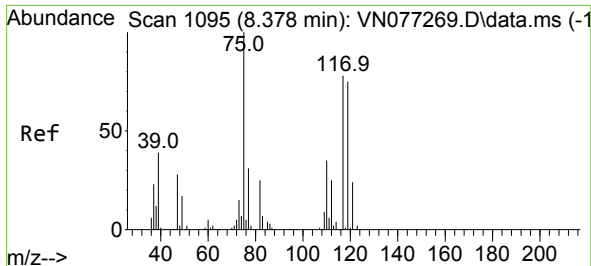
Ion Ratio Lower Upper

114 100

63 19.0 15.0 22.4

88 15.2 11.9 17.9





#29

1,1-Dichloropropene

Concen: 108.127 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

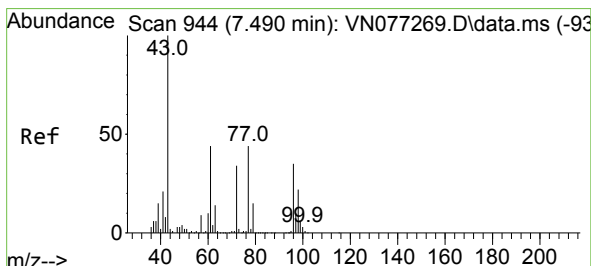
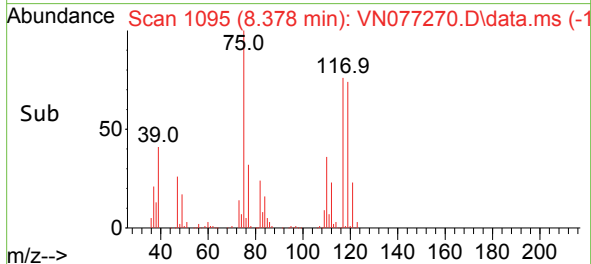
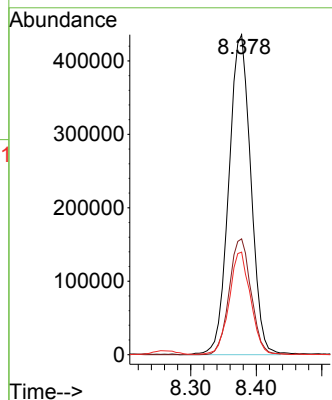
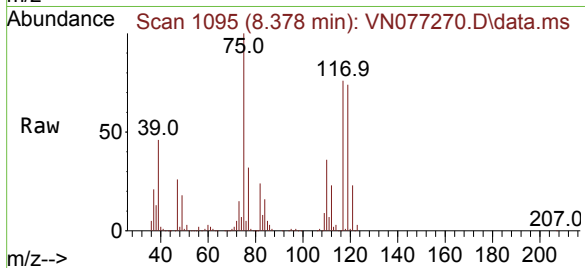
Tgt Ion: 75 Resp: 1015520

Ion Ratio Lower Upper

75 100

110 36.0 0.0 72.4

77 31.4 0.0 61.4



#30

2-Butanone

Concen: 509.419 ug/l

RT: 7.484 min Scan# 943

Delta R.T. -0.006 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

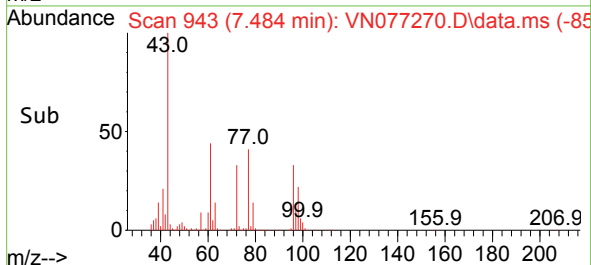
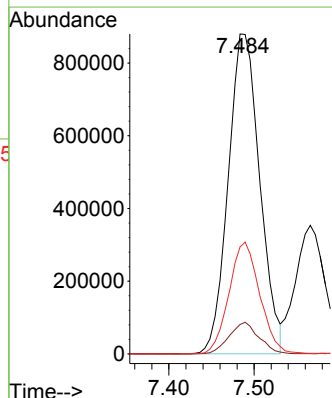
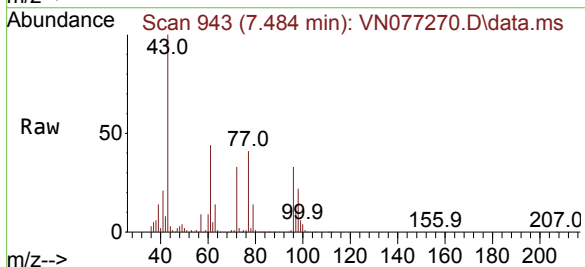
Tgt Ion: 43 Resp: 2262517

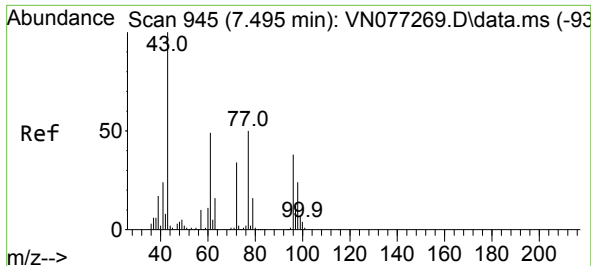
Ion Ratio Lower Upper

43 100

57 9.4 7.5 11.3

72 34.1 26.9 40.3





#31

2,2-Dichloropropane

Concen: 107.722 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

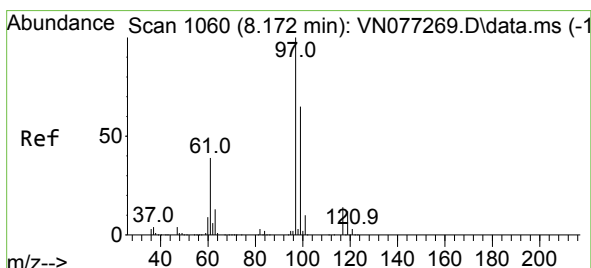
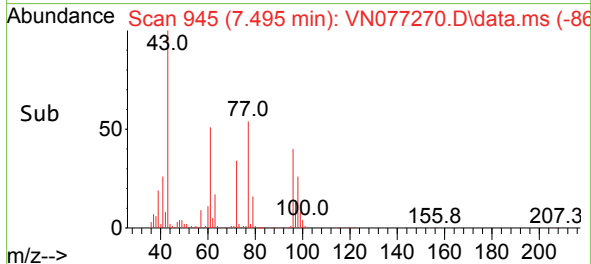
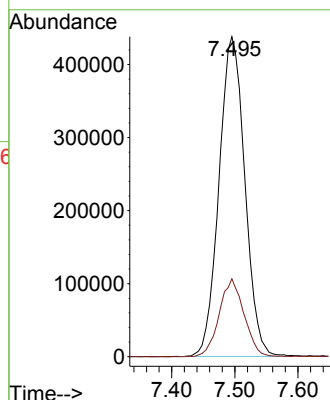
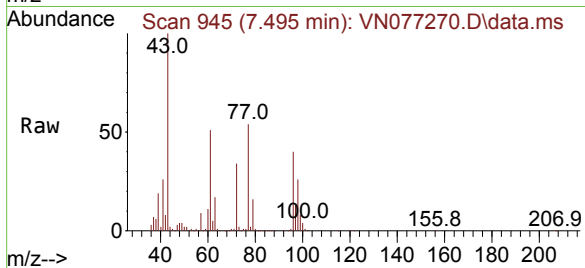
VSTDICC100

Tgt Ion: 77 Resp: 1241973

Ion Ratio Lower Upper

77 100

97 23.4 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 105.385 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

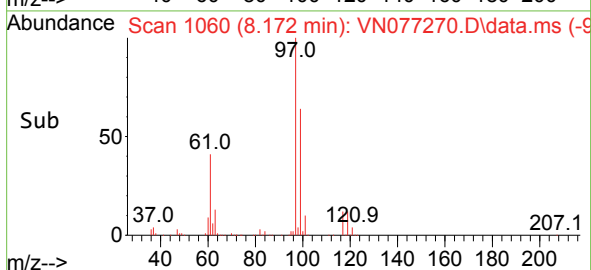
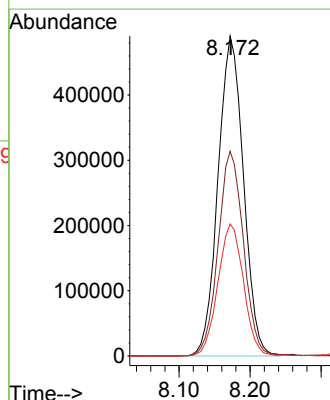
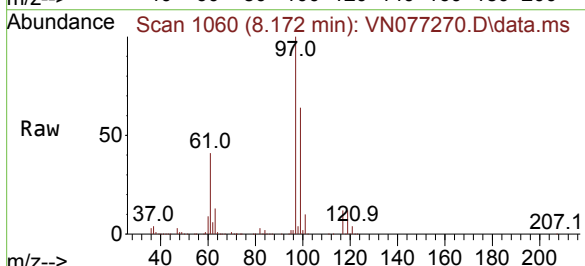
Tgt Ion: 97 Resp: 1218076

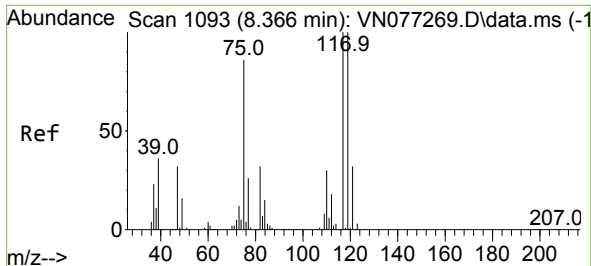
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 41.5 32.4 48.6

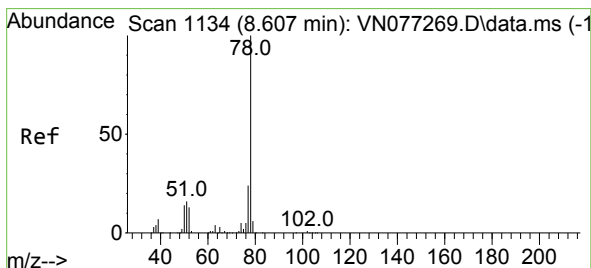
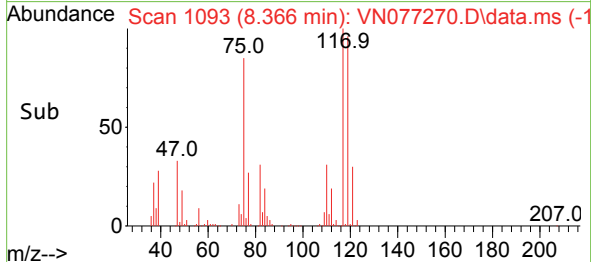
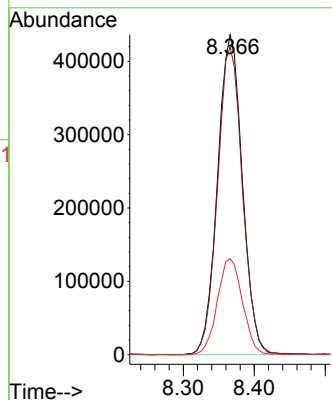
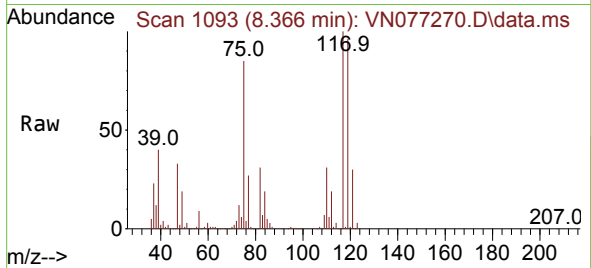




#33
Carbon Tetrachloride
Concen: 107.244 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

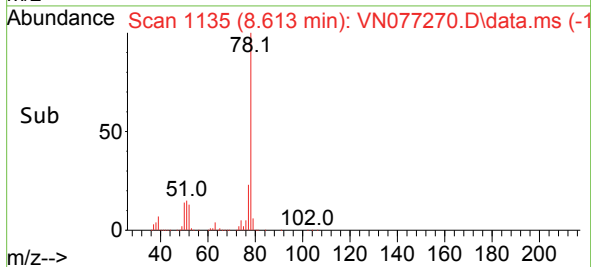
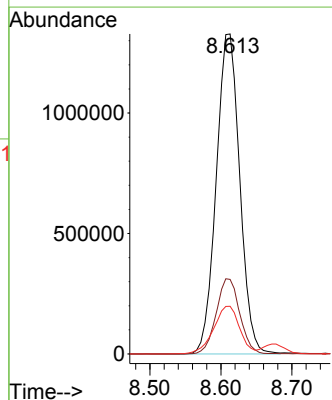
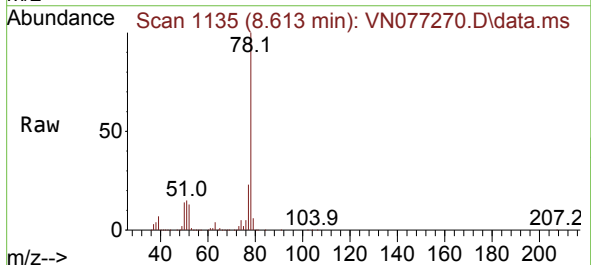
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

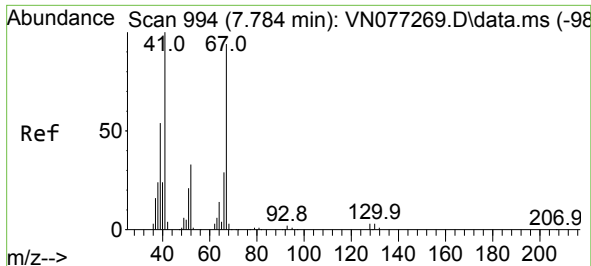
Tgt Ion:117 Resp: 1057955
Ion Ratio Lower Upper
117 100
119 96.2 80.2 120.4
121 30.0 26.0 39.0



#34
Benzene
Concen: 104.946 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 78 Resp: 3049745
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0
51 14.8 12.6 19.0



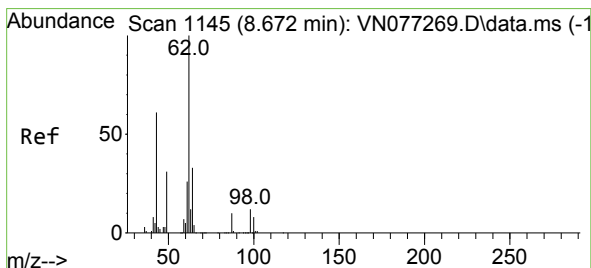
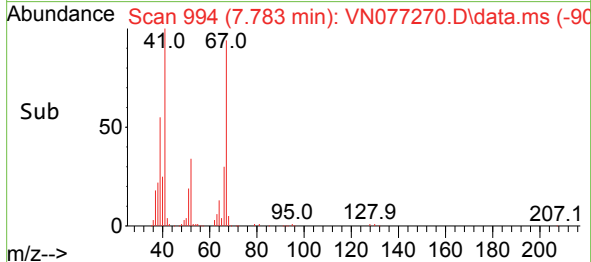
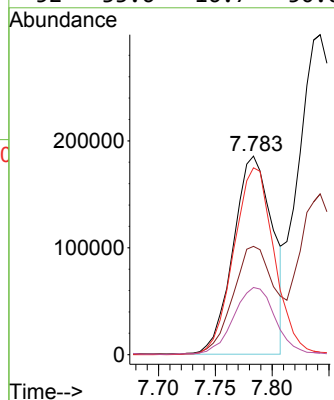
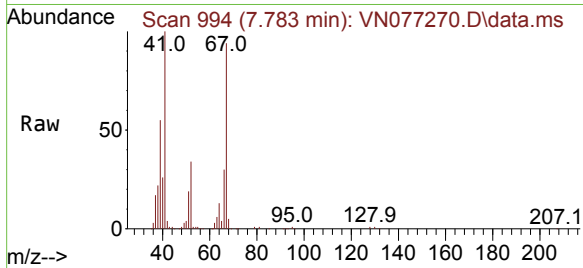


#35
Methacrylonitrile
Concen: 106.822 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 446929

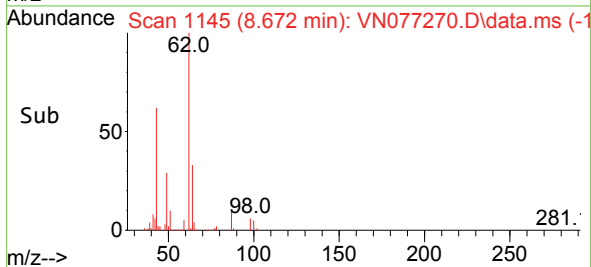
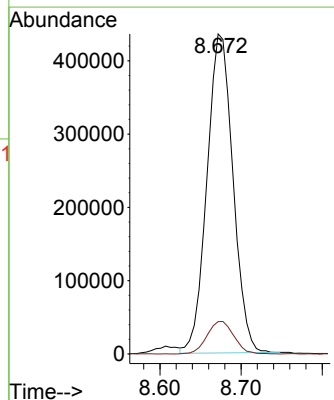
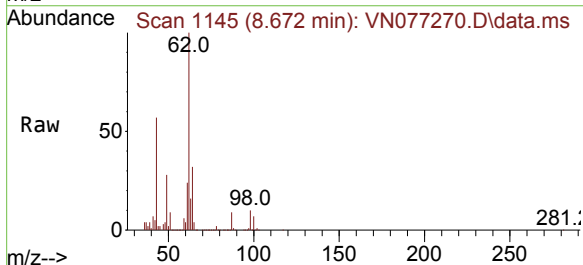
Ion	Ratio	Lower	Upper
41	100		
39	54.5	27.1	81.2
67	94.1	46.8	140.4
52	33.6	16.7	50.0

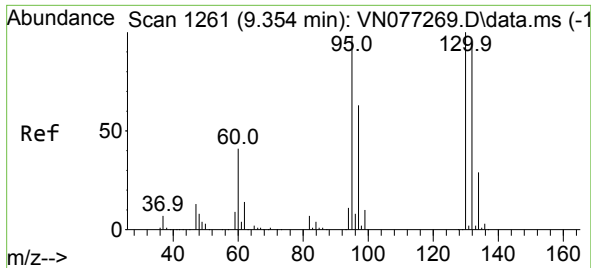


#36
1,2-Dichloroethane
Concen: 106.529 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 62 Resp: 970580

Ion	Ratio	Lower	Upper
62	100		
98	10.5	8.3	12.5

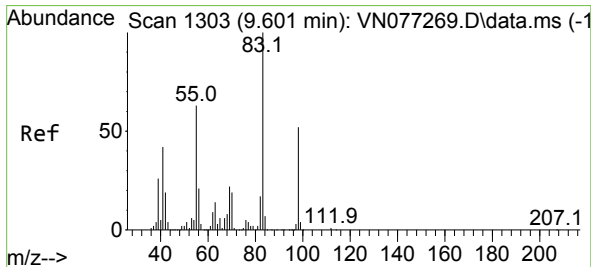
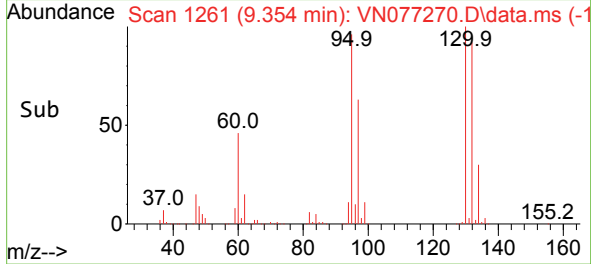
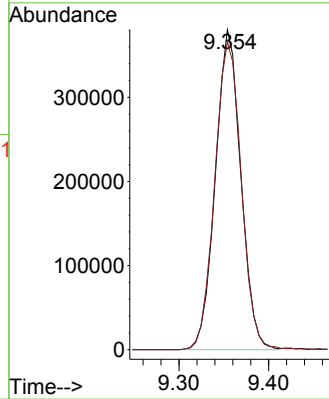
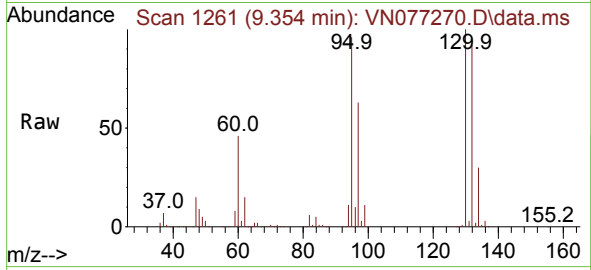




#37
Trichloroethene
Concen: 105.290 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

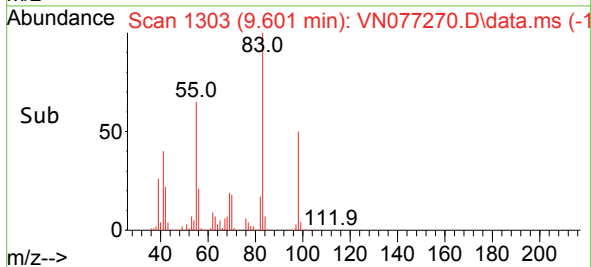
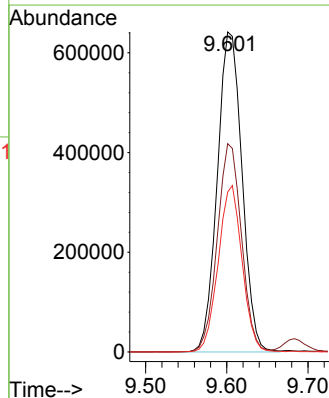
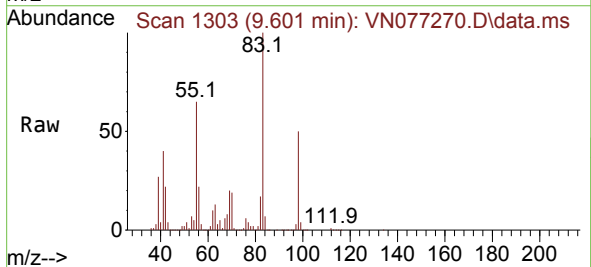
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

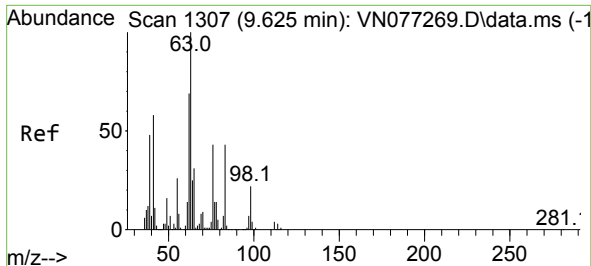
Tgt Ion:130 Resp: 748418
Ion Ratio Lower Upper
130 100
95 96.2 77.5 116.3



#38
Methylcyclohexane
Concen: 106.885 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 83 Resp: 1361496
Ion Ratio Lower Upper
83 100
55 63.5 32.0 96.2
98 50.2 25.3 75.9





#39

1,2-Dichloropropane

Concen: 105.244 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

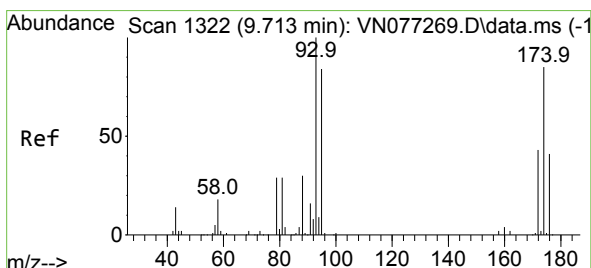
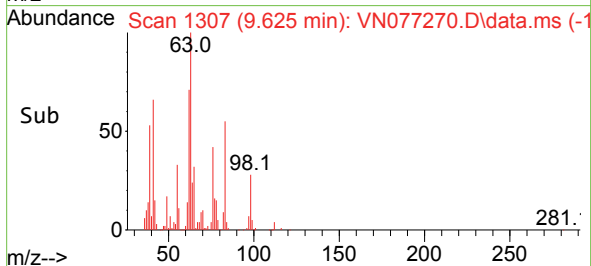
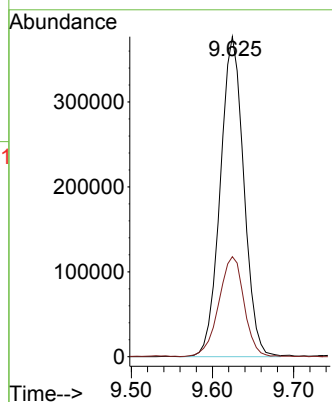
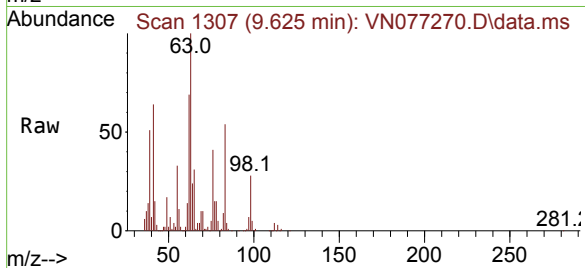
VSTDIC100

Tgt Ion: 63 Resp: 759234

Ion Ratio Lower Upper

63 100

65 31.2 24.8 37.2



#40

Dibromomethane

Concen: 106.175 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

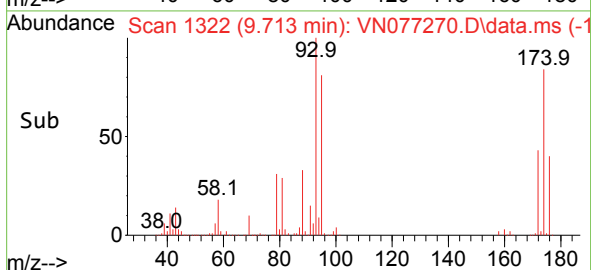
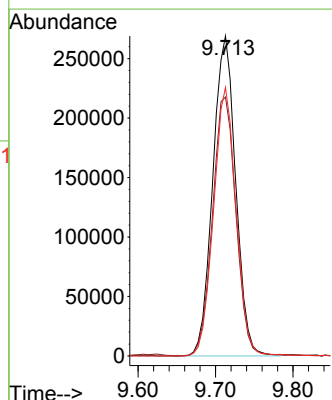
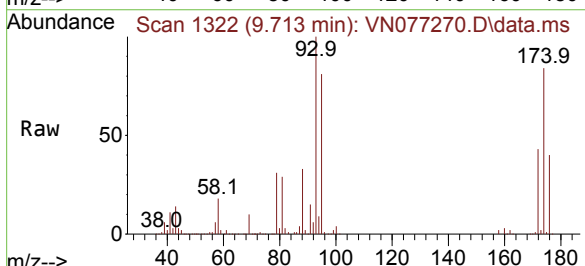
Tgt Ion: 93 Resp: 551881

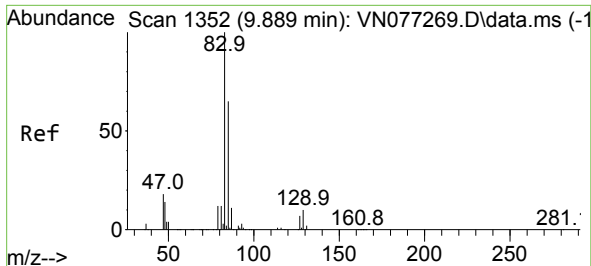
Ion Ratio Lower Upper

93 100

95 82.9 0.0 166.4

174 82.4 0.0 164.8

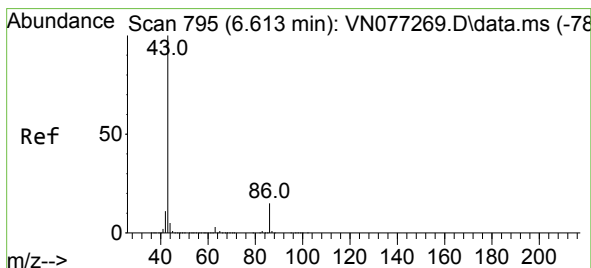
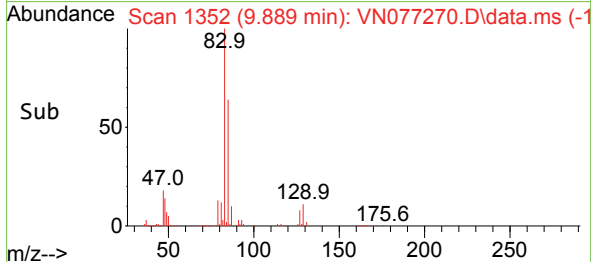
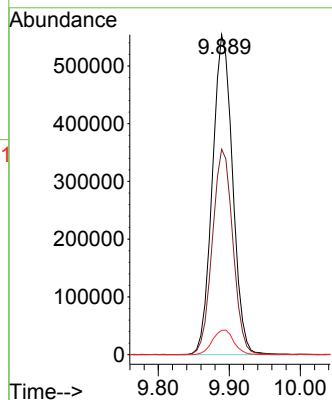
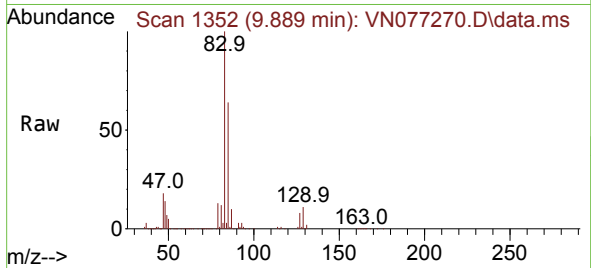




#41
Bromodichloromethane
Concen: 105.710 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

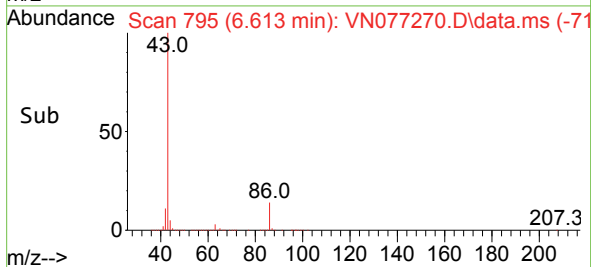
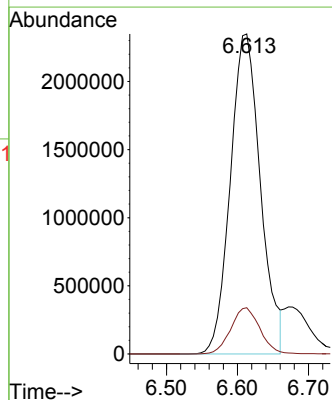
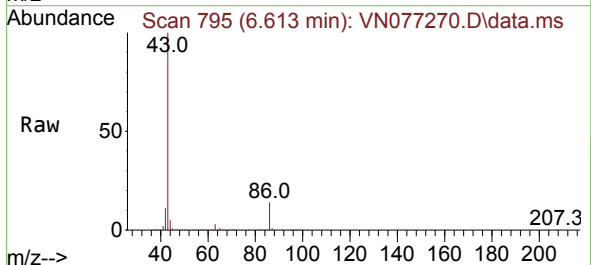
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

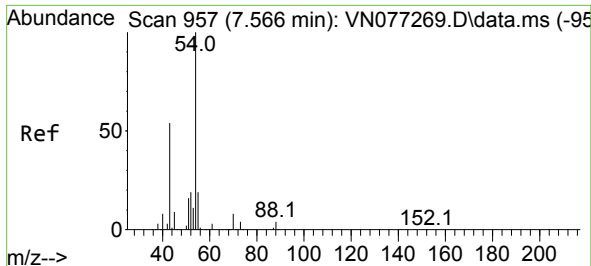
Tgt Ion: 83 Resp: 1095634
Ion Ratio Lower Upper
83 100
85 64.2 52.3 78.5
127 7.6 5.9 8.9



#42
Vinyl Acetate
Concen: 538.359 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 43 Resp: 6920123
Ion Ratio Lower Upper
43 100
86 14.0 0.0 0.0#

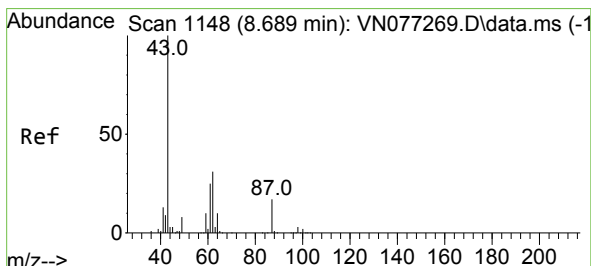
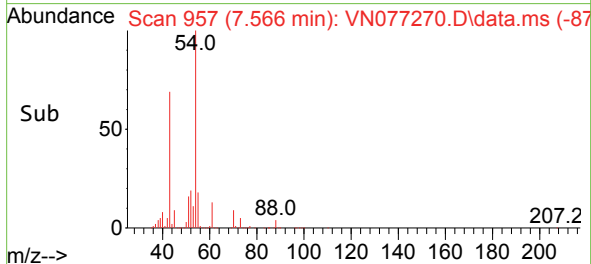
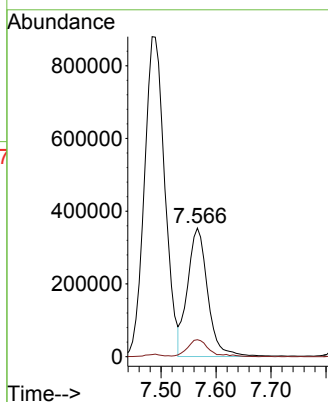
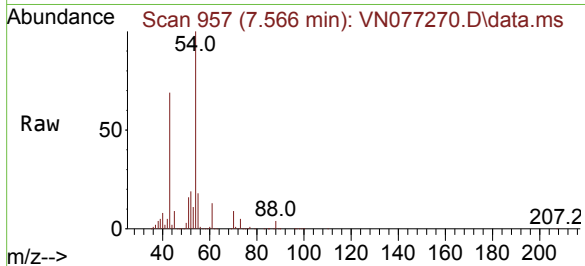




#43
Ethyl Acetate
Concen: 109.131 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

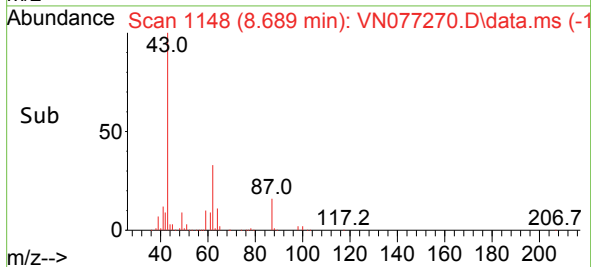
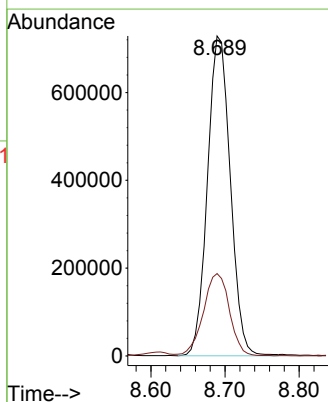
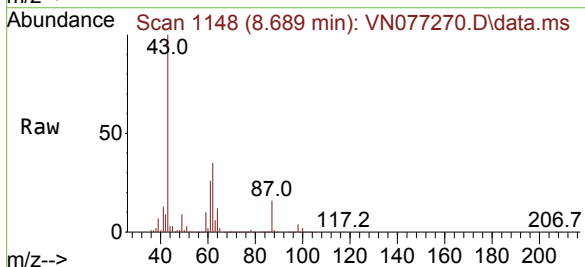
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

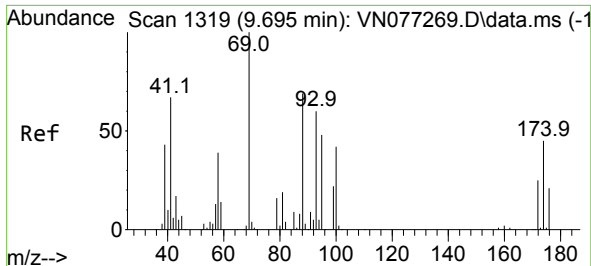
Tgt Ion: 43 Resp: 896726
Ion Ratio Lower Upper
43 100
45 12.3 12.3 18.5



#44
Isopropyl Acetate
Concen: 105.969 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 43 Resp: 1559057
Ion Ratio Lower Upper
43 100
61 29.3 0.0 0.0#

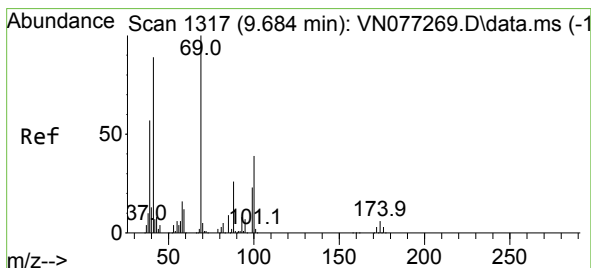
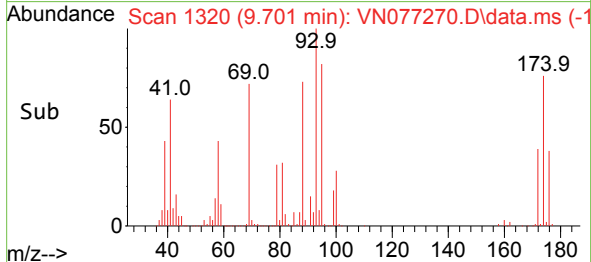
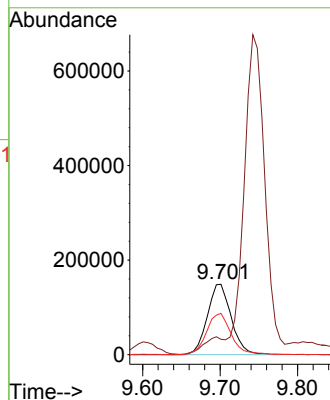
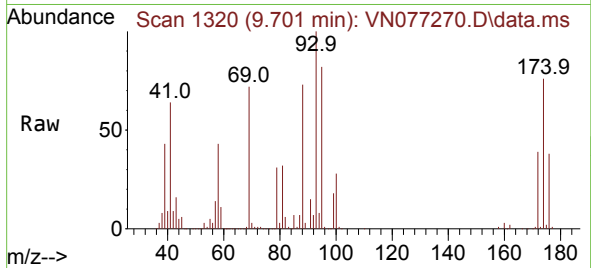




#45
1,4-Dioxane
Concen: 2056.958 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

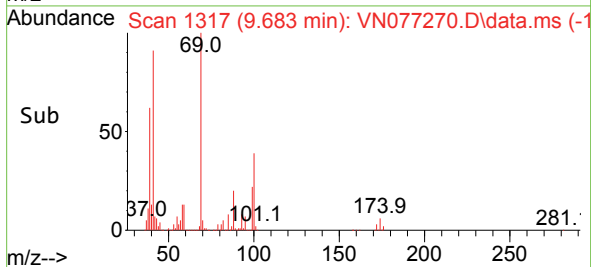
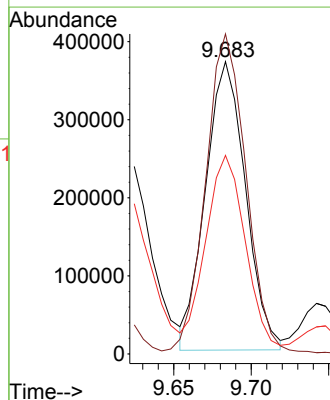
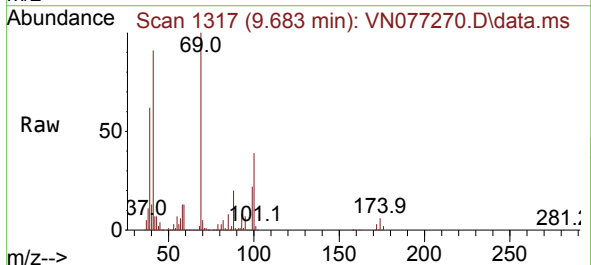
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

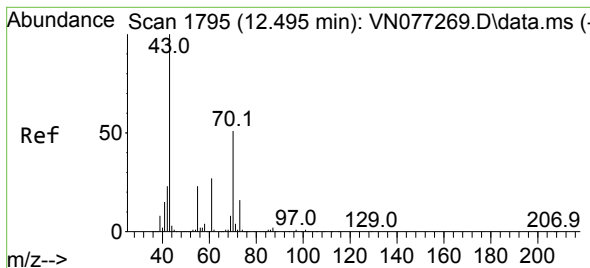
Tgt Ion: 88 Resp: 319163
Ion Ratio Lower Upper
88 100
43 22.2 17.4 26.0
58 60.5 48.2 72.4



#46
Methyl methacrylate
Concen: 104.672 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 41 Resp: 663030
Ion Ratio Lower Upper
41 100
69 111.8 54.5 163.5
39 68.1 33.4 100.2





#47

n-amy1 Acetate

Concen: 113.410 ug/l

RT: 12.495 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

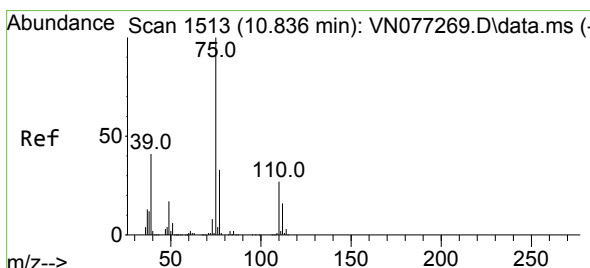
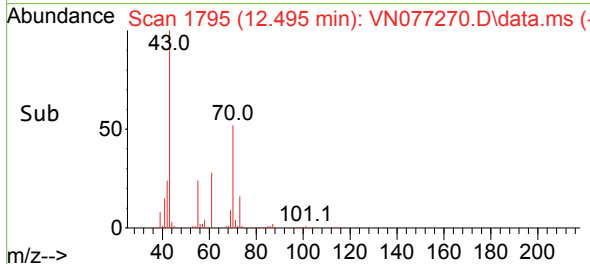
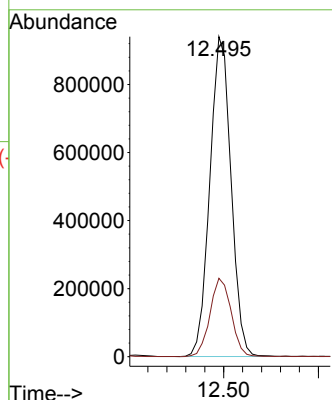
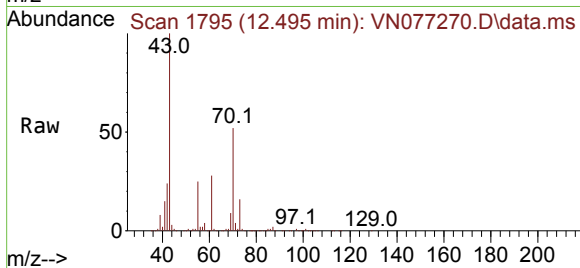
VSTDIC100

Tgt Ion: 43 Resp: 1458143

Ion Ratio Lower Upper

43 100

55 24.6 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 110.835 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VN077270.D

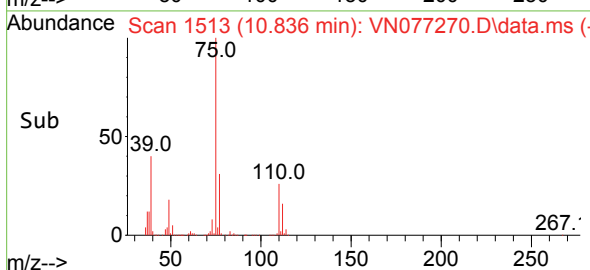
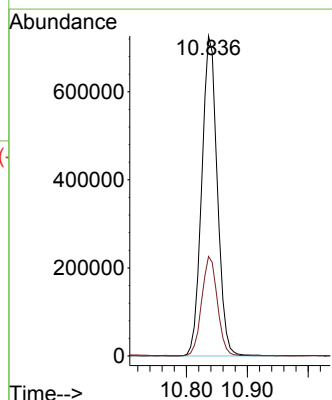
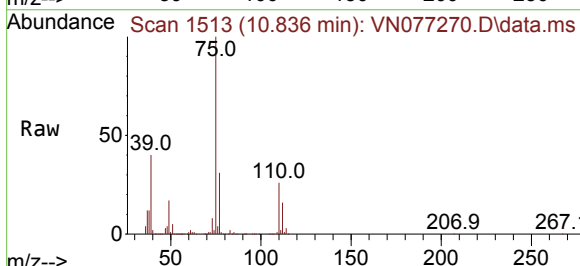
Acq: 07 Apr 2023 10:46

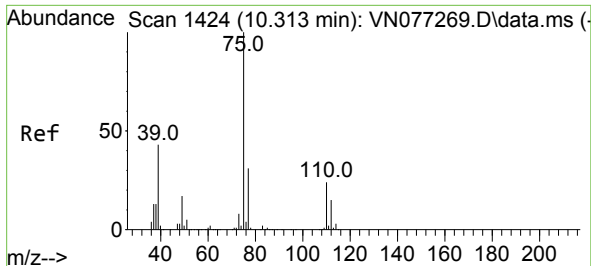
Tgt Ion: 75 Resp: 1285643

Ion Ratio Lower Upper

75 100

77 31.0 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 109.126 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

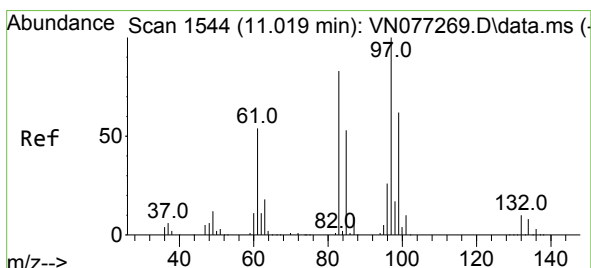
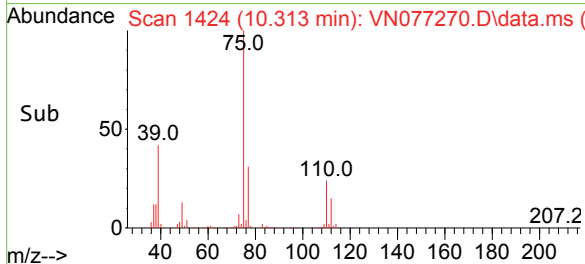
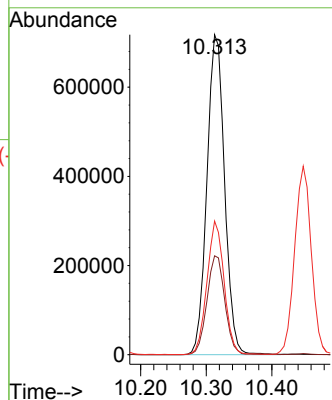
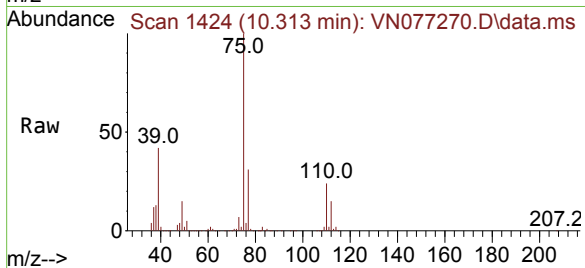
Tgt Ion: 75 Resp: 1346624

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

39 41.7 34.4 51.6



#50

1,1,2-Trichloroethane

Concen: 106.181 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Tgt Ion: 97 Resp: 801657

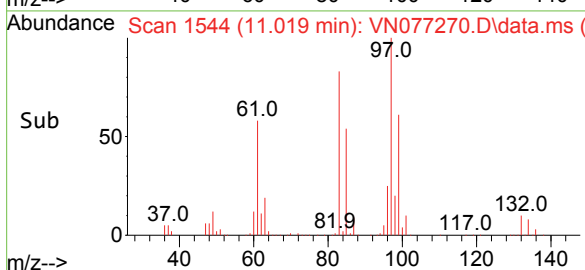
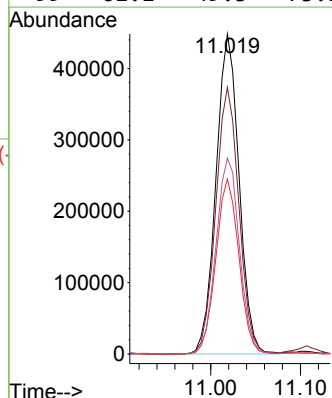
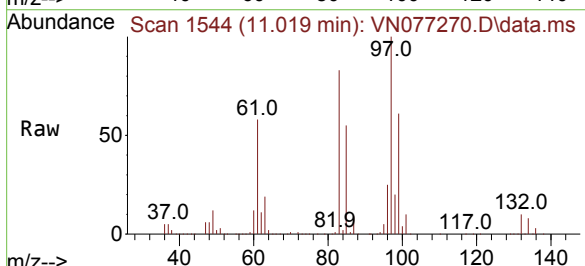
Ion Ratio Lower Upper

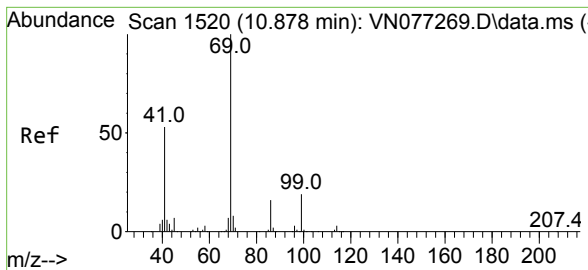
97 100

83 83.3 66.7 100.1

85 54.7 42.4 63.6

99 61.1 49.3 73.9

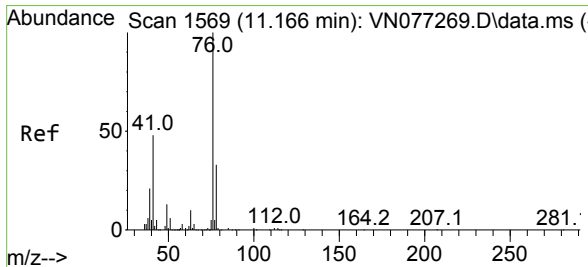
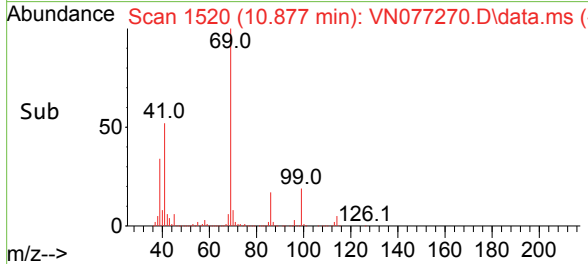
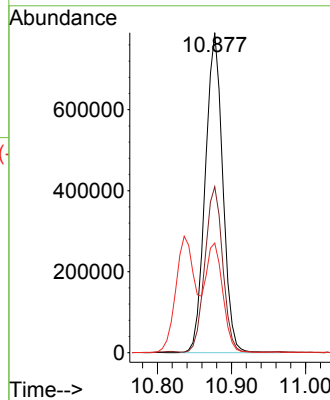
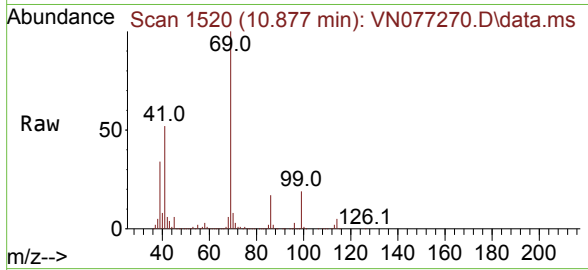




#51
Ethyl methacrylate
Concen: 111.420 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

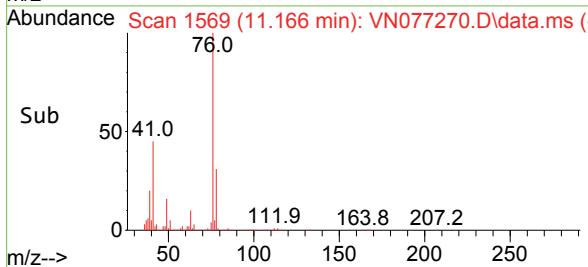
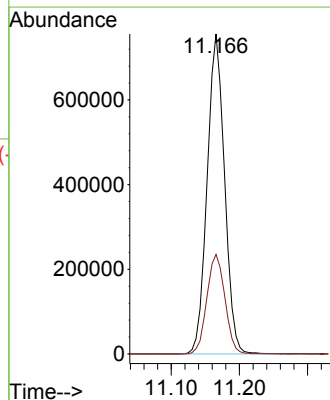
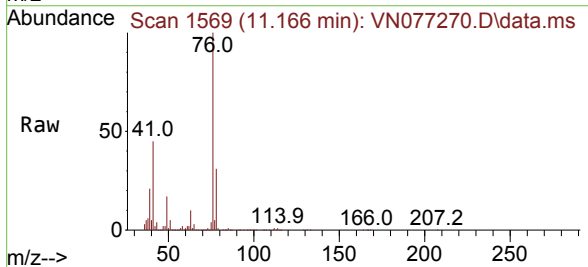
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

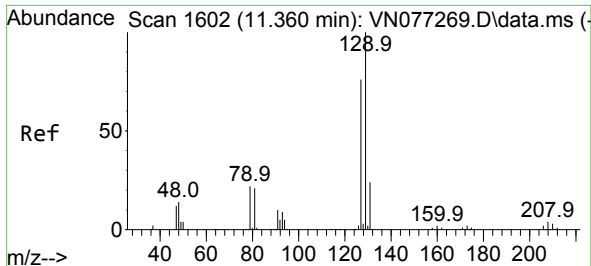
Tgt Ion: 69 Resp: 1291834
Ion Ratio Lower Upper
69 100
41 51.7 26.7 80.0
39 34.1 17.0 50.9



#52
1,3-Dichloropropane
Concen: 106.597 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 76 Resp: 1343212
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0

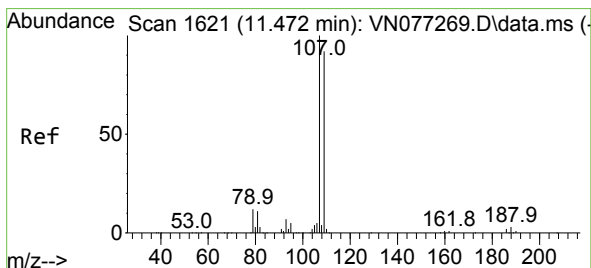
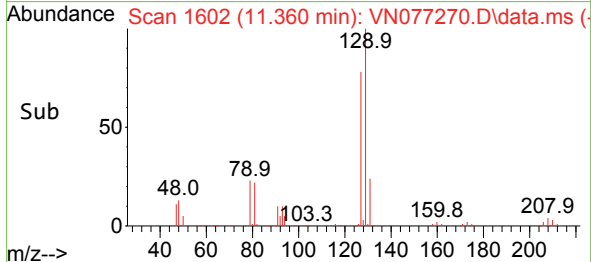
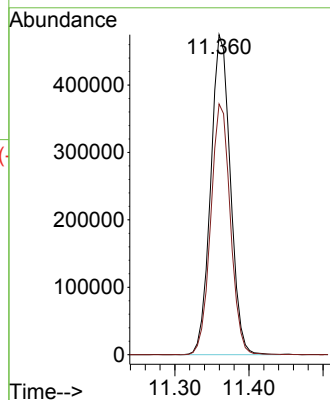
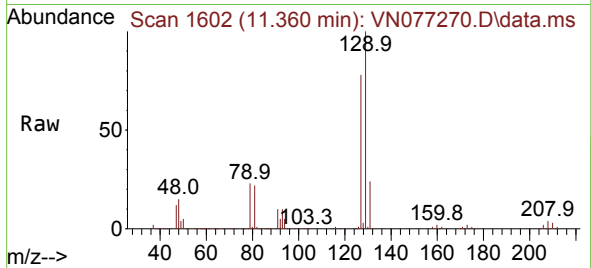




#53
Dibromochloromethane
Concen: 109.986 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

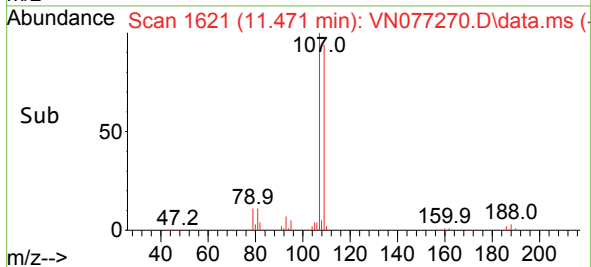
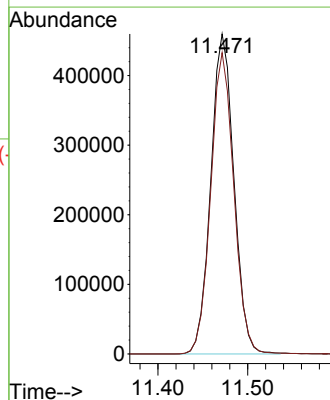
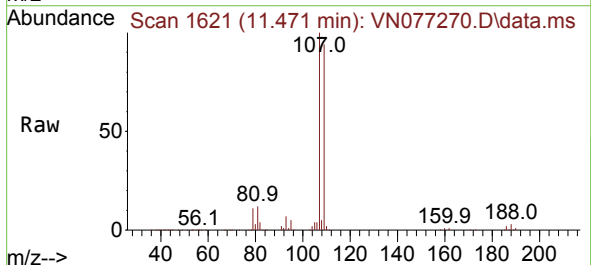
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

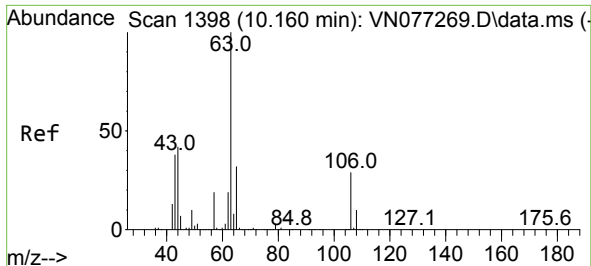
Tgt Ion:129 Resp: 875199
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8



#54
1,2-Dibromoethane
Concen: 108.408 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion:107 Resp: 821648
Ion Ratio Lower Upper
107 100
109 94.3 74.1 111.1

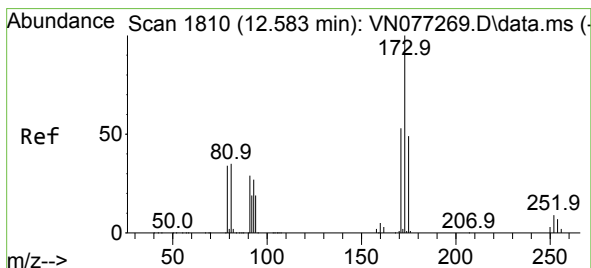
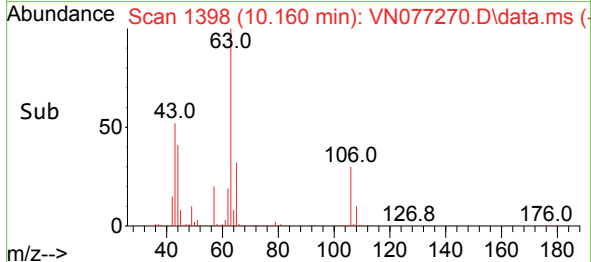
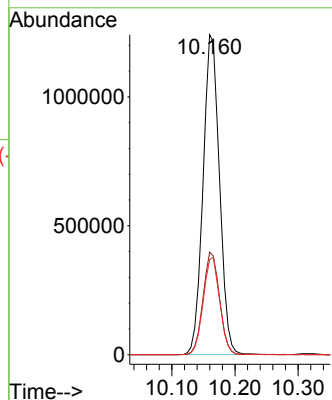
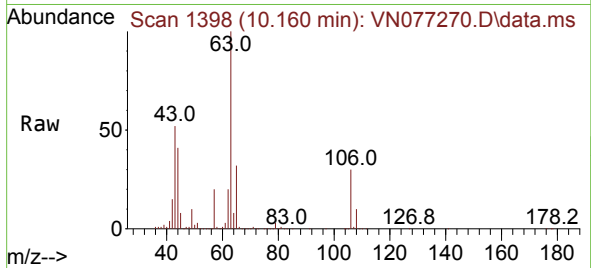




#55
2-Chloroethyl vinyl ether
Concen: 627.096 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

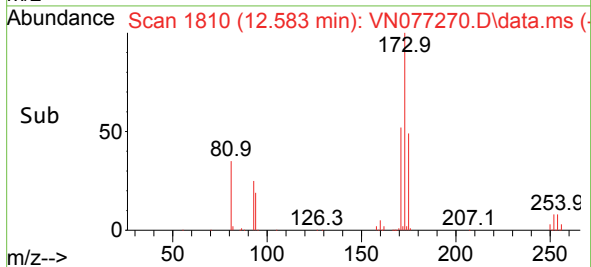
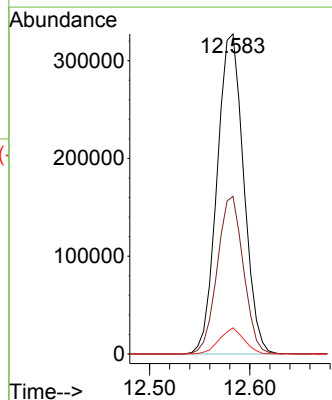
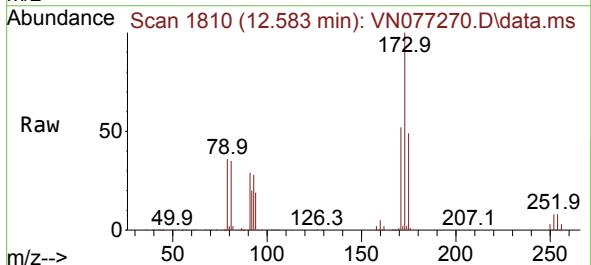
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

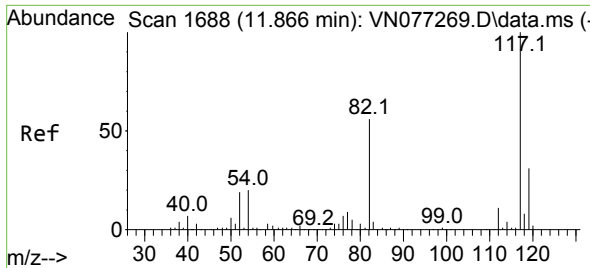
Tgt Ion: 63 Resp: 2244792
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 30.5 24.0 36.0



#56
Bromoform
Concen: 112.789 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion:173 Resp: 602886
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.2
254 7.6 6.0 9.0

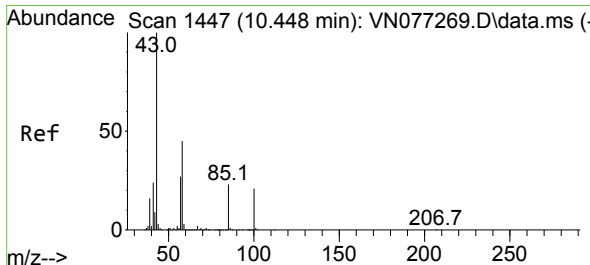
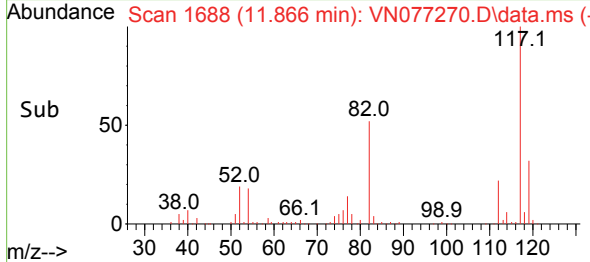
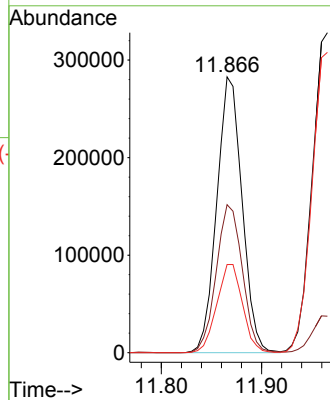
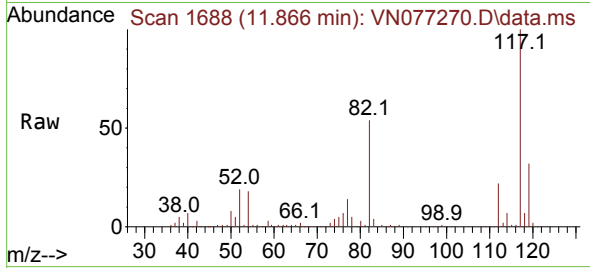




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

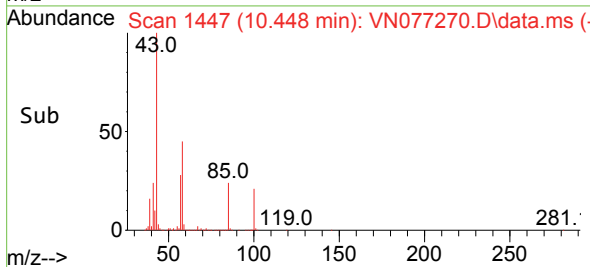
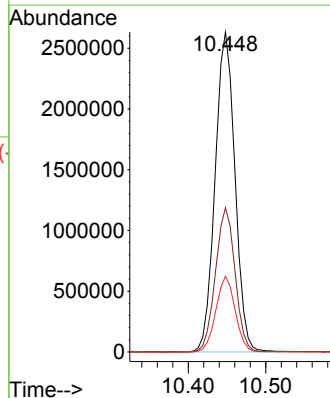
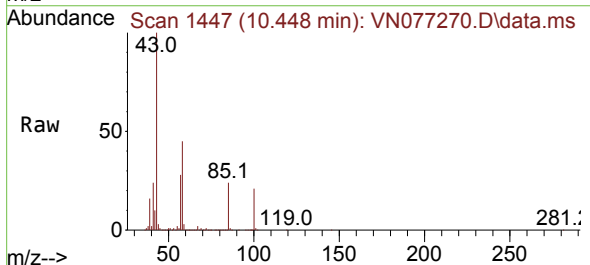
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

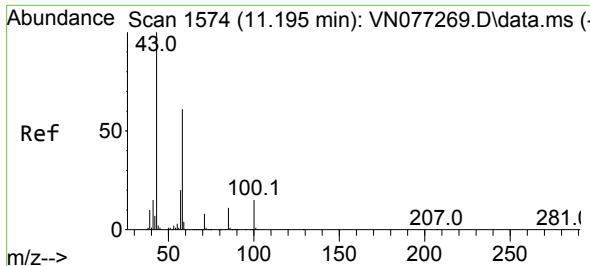
Tgt Ion:117 Resp: 494897
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 32.5 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 505.550 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 43 Resp: 4684519
Ion Ratio Lower Upper
43 100
58 44.6 34.7 52.1
85 23.1 17.8 26.8

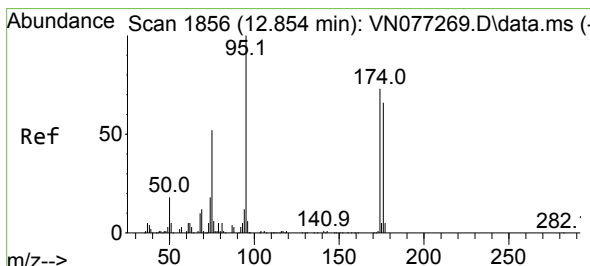
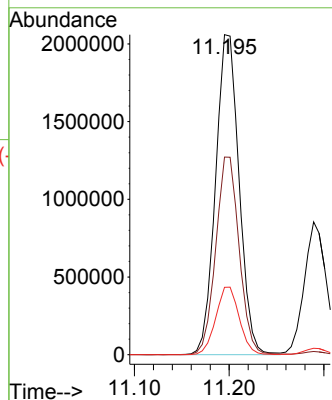
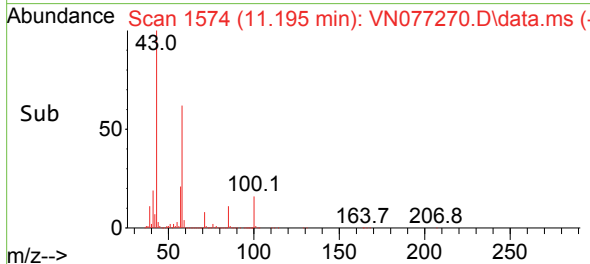
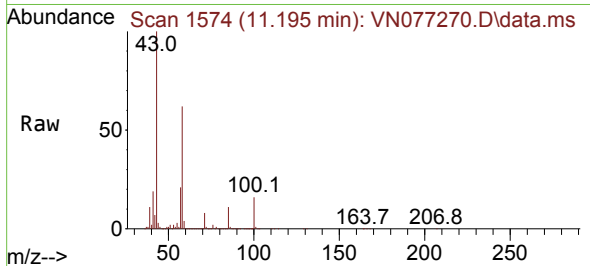




#59
2-Hexanone
Concen: 496.348 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

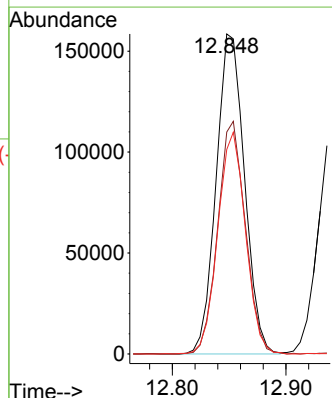
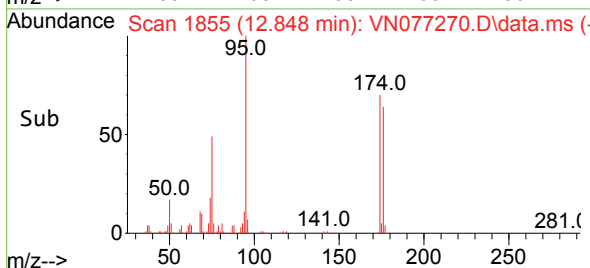
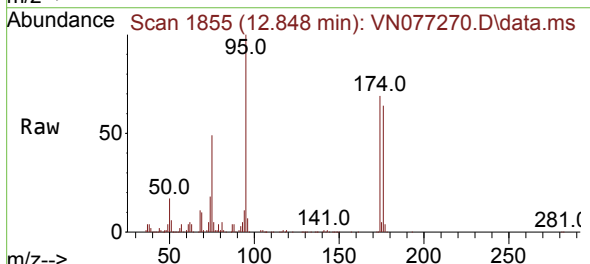
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

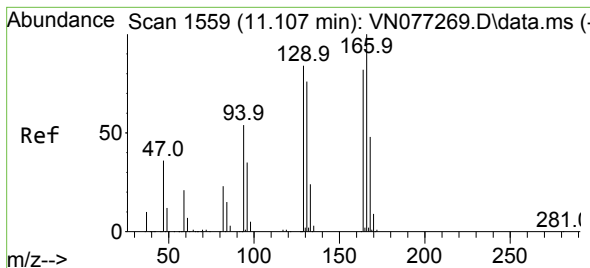
Tgt Ion: 43 Resp: 3555051
Ion Ratio Lower Upper
43 100
58 61.5 48.6 73.0
57 21.1 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 32.142 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 95 Resp: 275054
Ion Ratio Lower Upper
95 100
174 70.7 57.8 86.8
176 67.8 54.6 81.8





#61

Tetrachloroethene

Concen: 99.682 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 586761

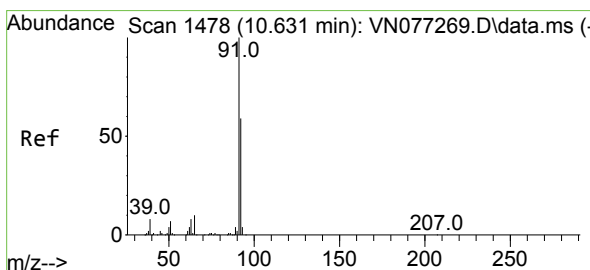
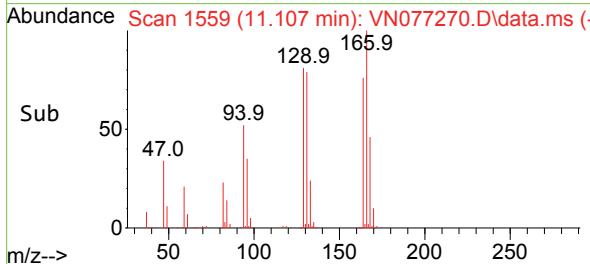
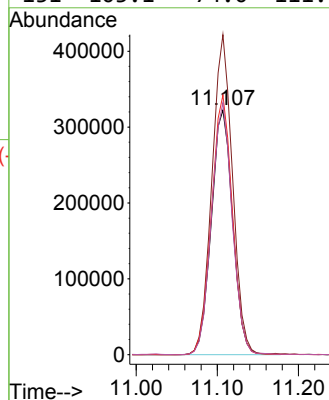
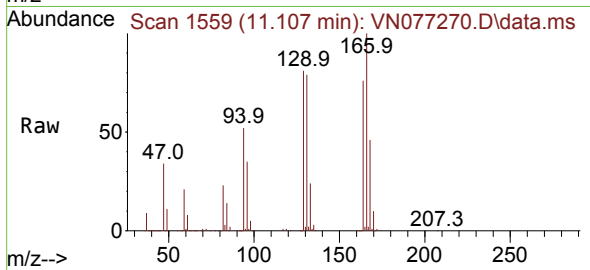
Ion Ratio Lower Upper

164 100

166 130.9 97.9 146.9

129 106.1 82.5 123.7

131 103.1 74.0 111.0



#62

Toluene

Concen: 102.950 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077270.D

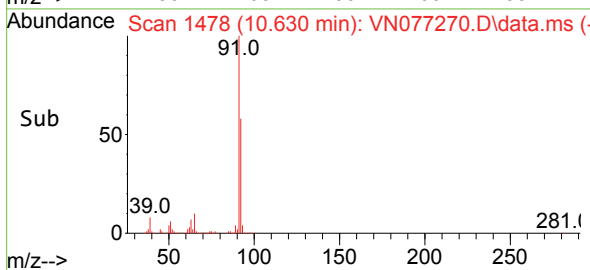
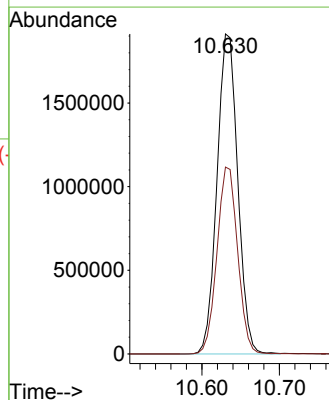
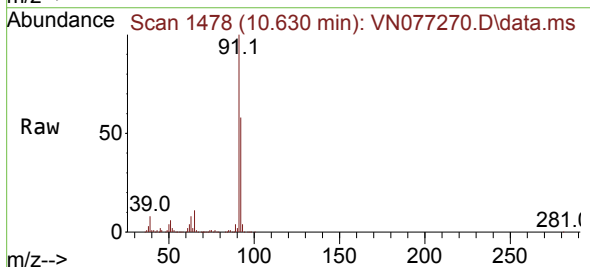
Acq: 07 Apr 2023 10:46

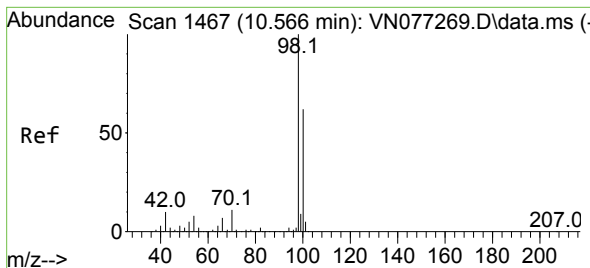
Tgt Ion: 91 Resp: 3554901

Ion Ratio Lower Upper

91 100

92 58.2 46.6 70.0





#63

Toluene-d8

Concen: 29.440 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

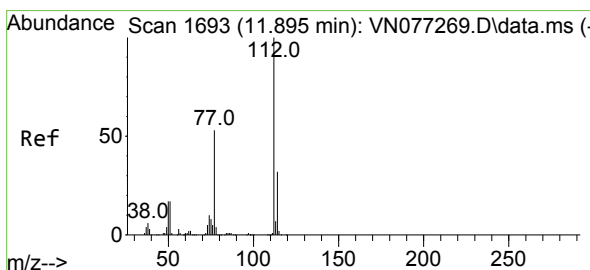
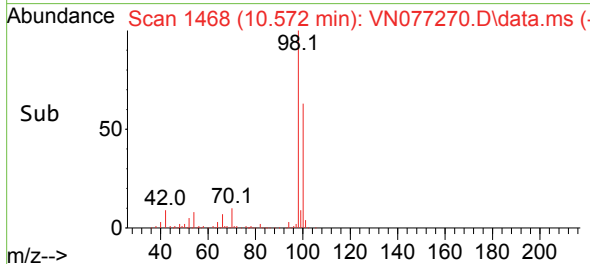
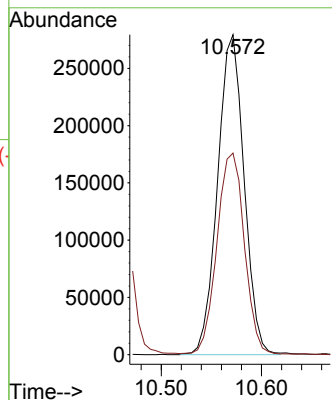
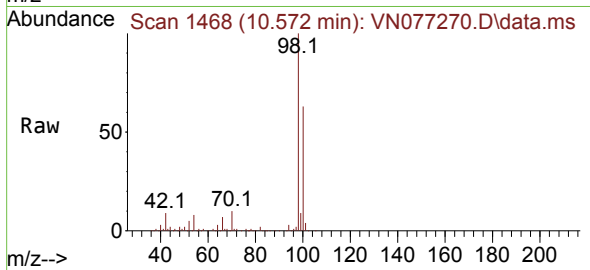
VSTDIC100

Tgt Ion: 98 Resp: 512191

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.2



#64

Chlorobenzene

Concen: 103.592 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077270.D

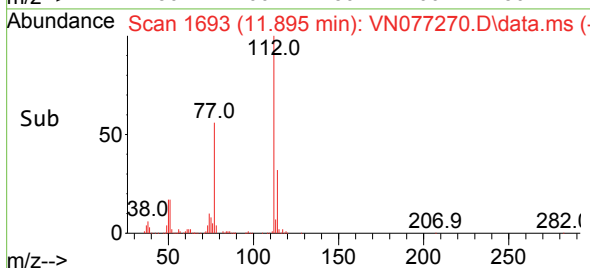
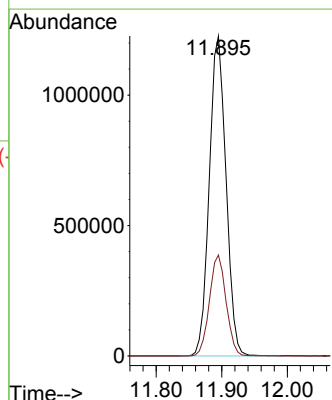
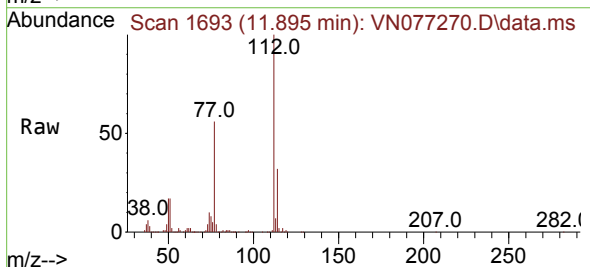
Acq: 07 Apr 2023 10:46

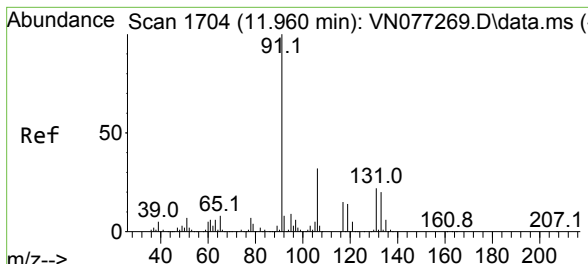
Tgt Ion: 112 Resp: 2173169

Ion Ratio Lower Upper

112 100

114 31.5 25.6 38.4

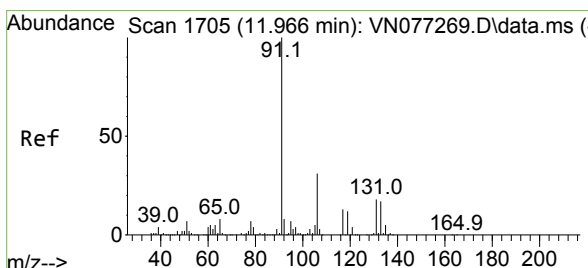
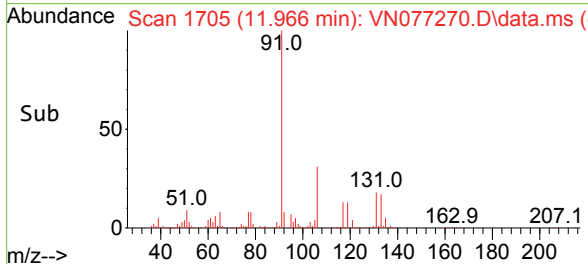
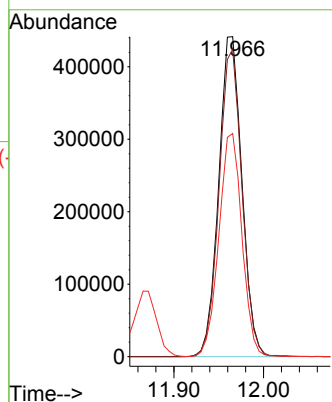
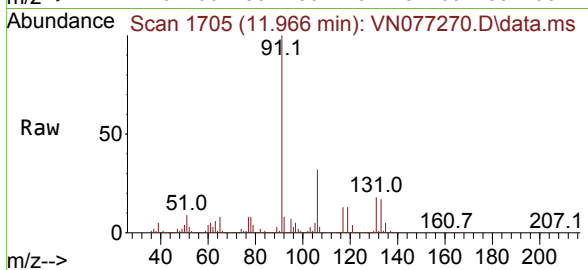




#65
 1,1,1,2-Tetrachloroethane
 Concen: 102.874 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. 0.006 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

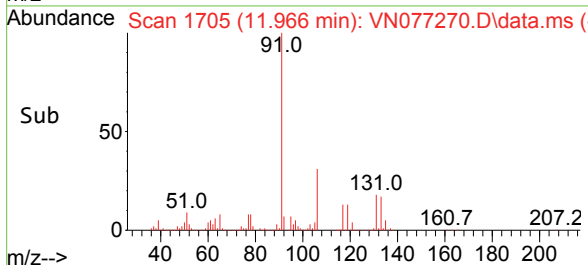
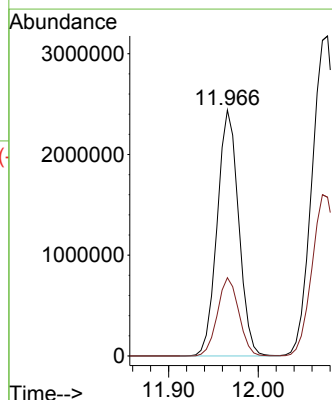
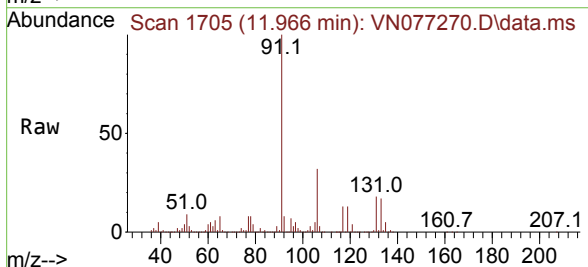
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

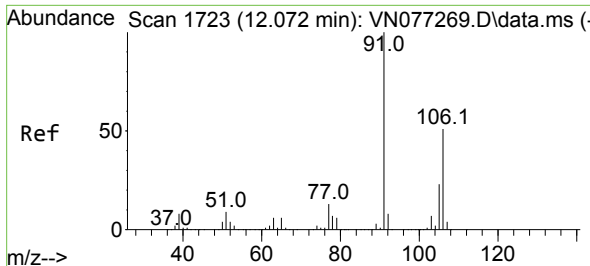
Tgt Ion:131 Resp: 793603
 Ion Ratio Lower Upper
 131 100
 133 94.6 0.0 184.4
 119 69.3 0.0 134.8



#66
 Ethyl Benzene
 Concen: 105.991 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

Tgt Ion: 91 Resp: 4054701
 Ion Ratio Lower Upper
 91 100
 106 31.8 25.0 37.6

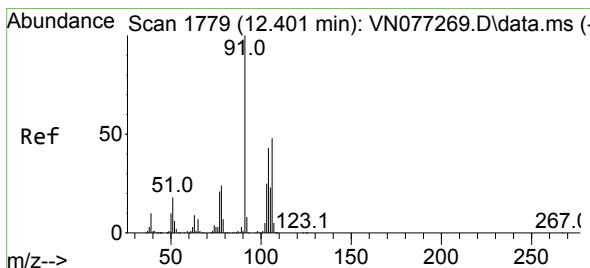
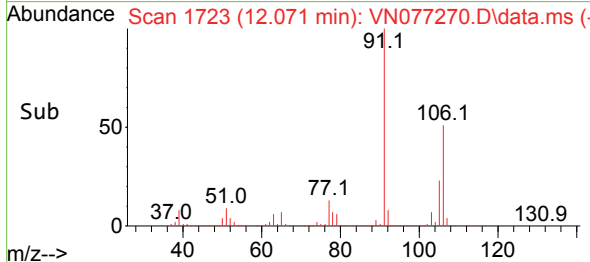
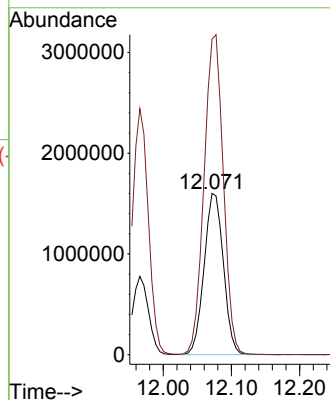
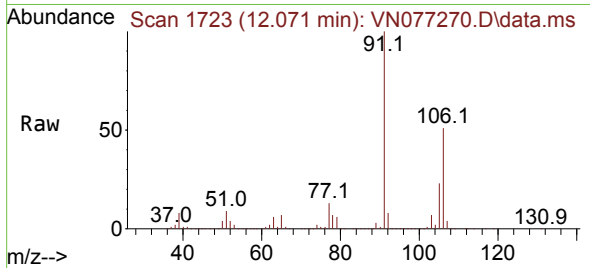




#67
m/p-Xylenes
Concen: 210.247 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

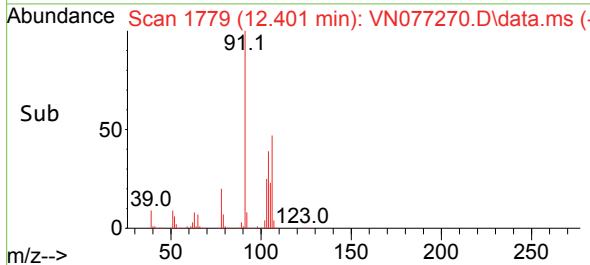
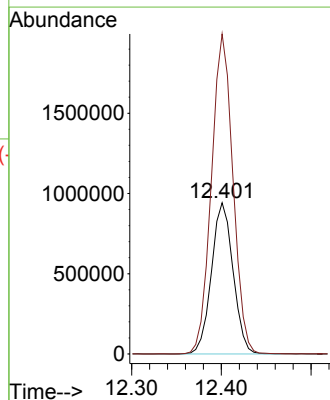
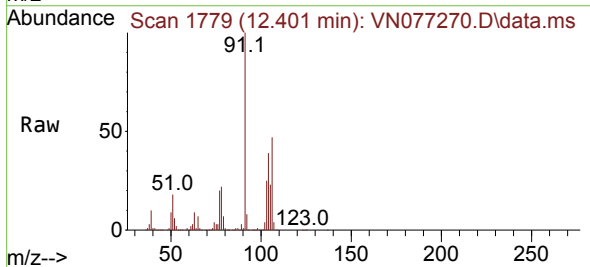
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

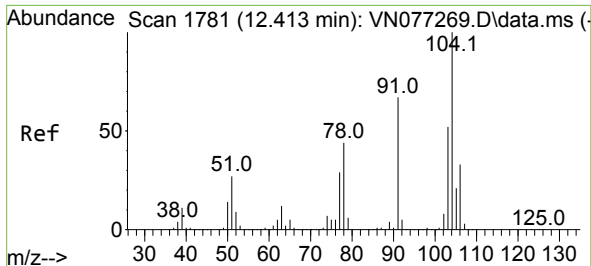
Tgt Ion:106 Resp: 3152596
Ion Ratio Lower Upper
106 100
91 198.1 158.0 237.0



#68
o-Xylene
Concen: 105.164 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion:106 Resp: 1577564
Ion Ratio Lower Upper
106 100
91 210.5 103.6 310.8

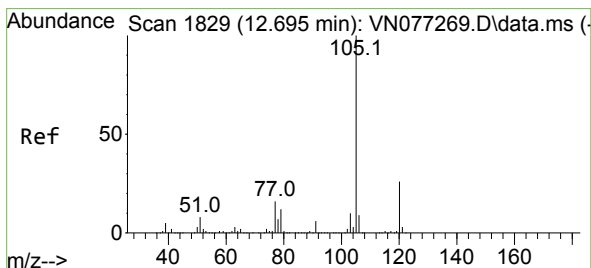
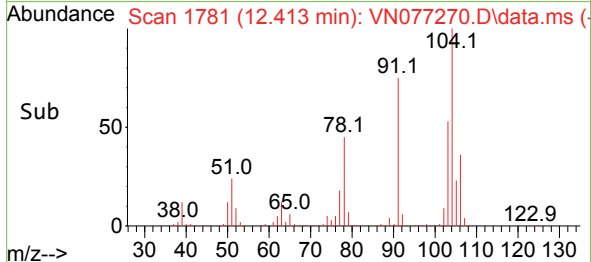
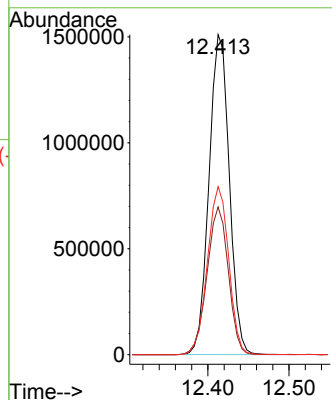
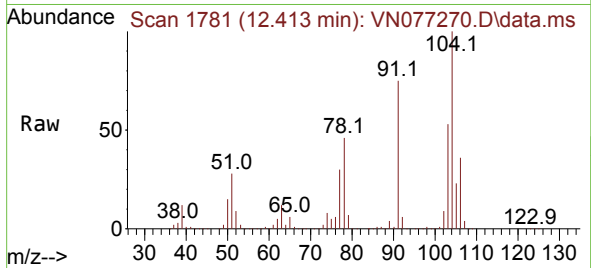




#69
Styrene
Concen: 109.167 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

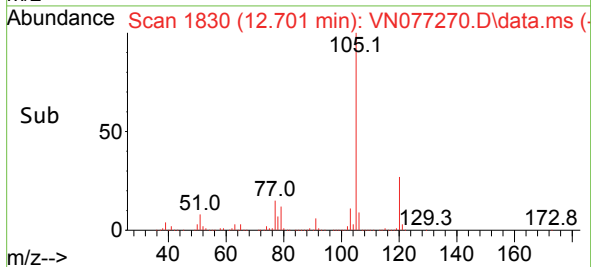
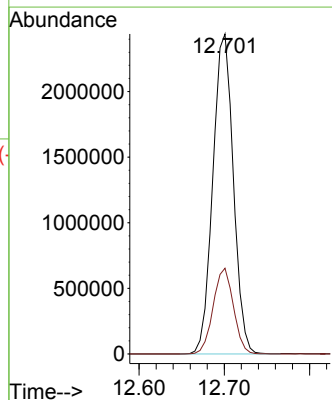
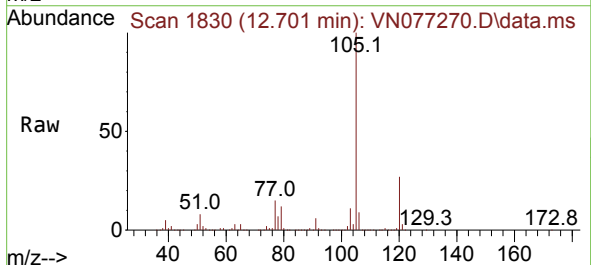
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

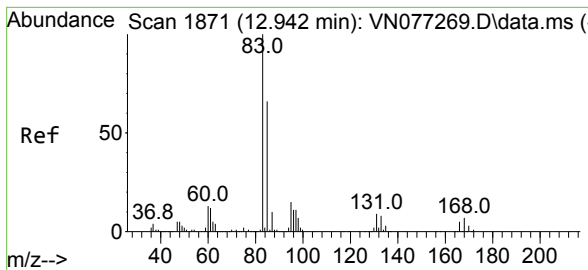
Tgt Ion:104 Resp: 2623700
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.4
103 55.1 43.6 65.4



#70
Isopropylbenzene
Concen: 106.907 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion:105 Resp: 4069991
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1

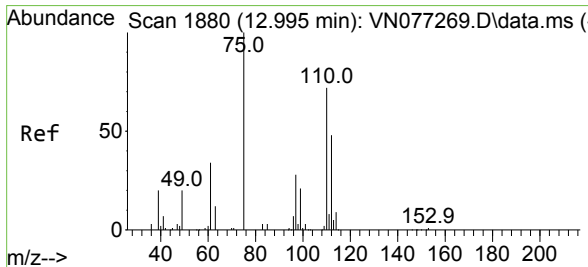
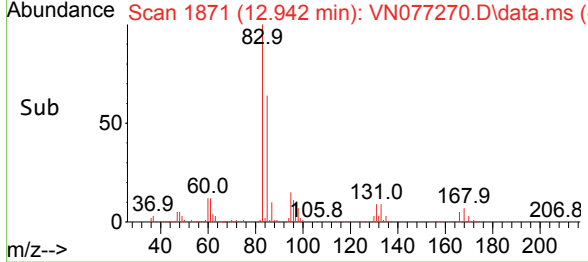
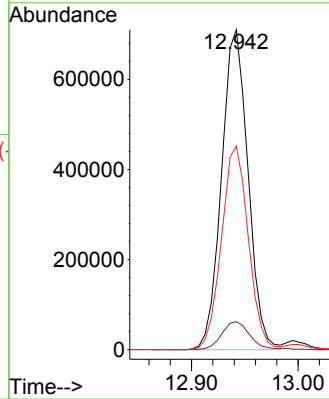
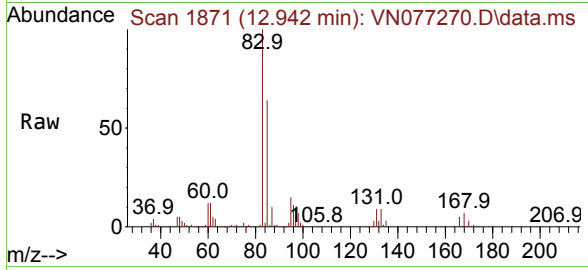




#71
1,1,2,2-Tetrachloroethane
Concen: 105.286 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

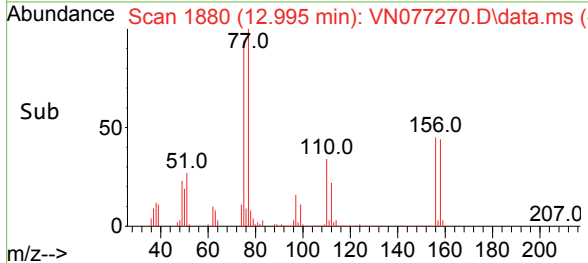
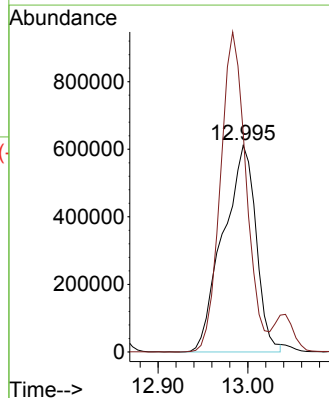
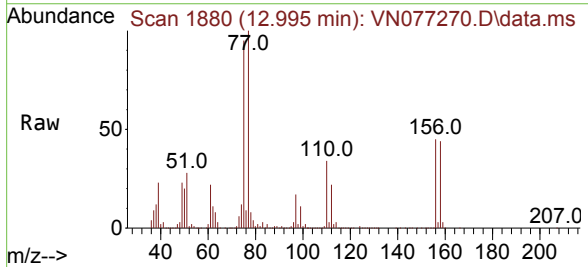
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

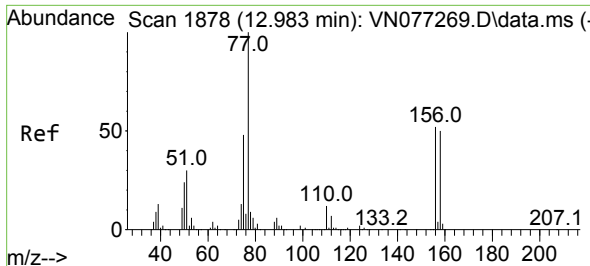
Tgt Ion: 83 Resp: 1227477
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 64.5 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 196.532 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 75 Resp: 1557488
Ion Ratio Lower Upper
75 100
77 121.4 0.0 434.2

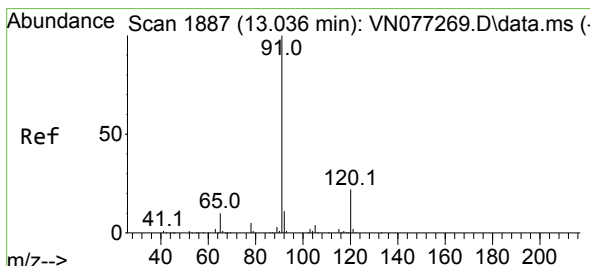
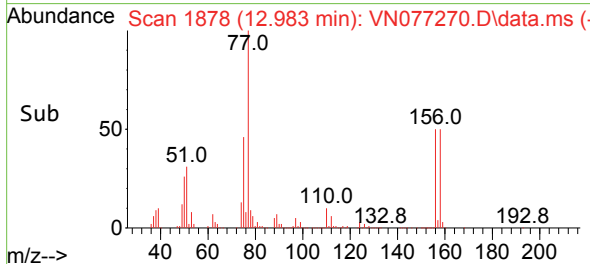
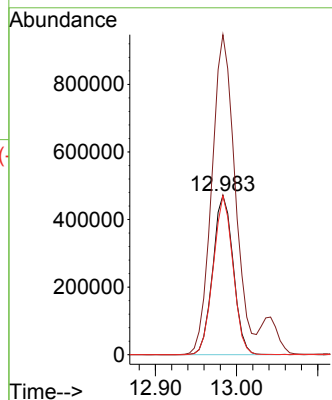
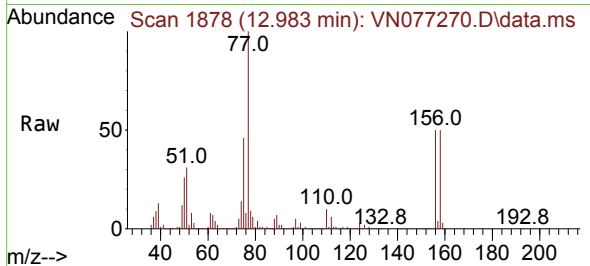




#73
Bromobenzene
Concen: 106.355 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

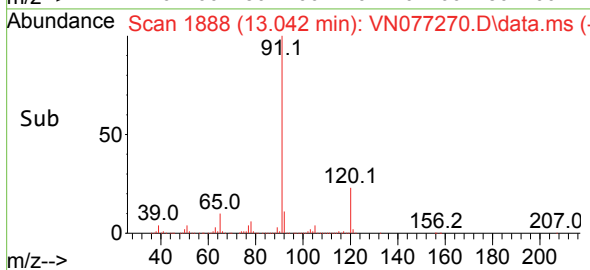
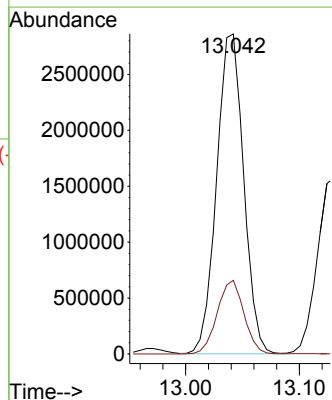
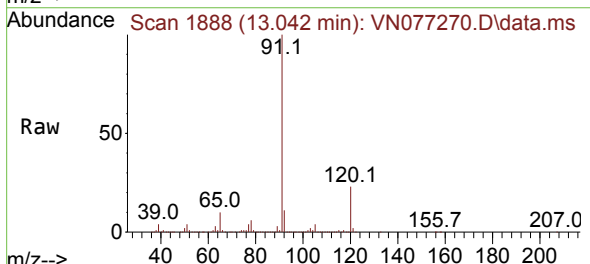
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

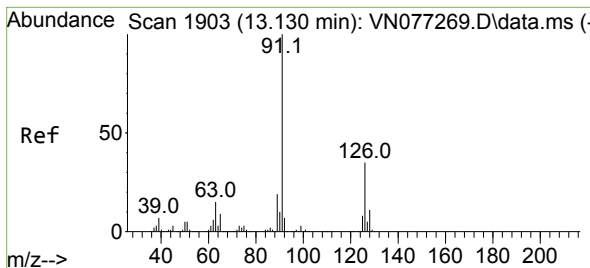
Tgt Ion:156 Resp: 822627
Ion Ratio Lower Upper
156 100
77 229.9 0.0 456.6
158 96.6 0.0 195.6



#74
n-propylbenzene
Concen: 112.349 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 91 Resp: 4732344
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.6





#75

2-Chlorotoluene

Concen: 108.171 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

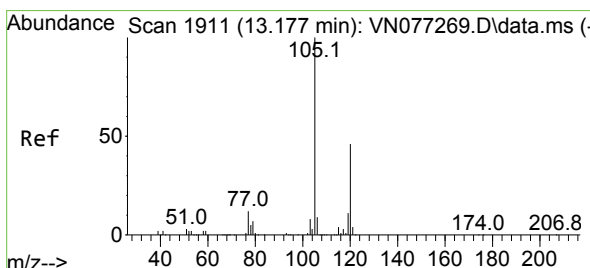
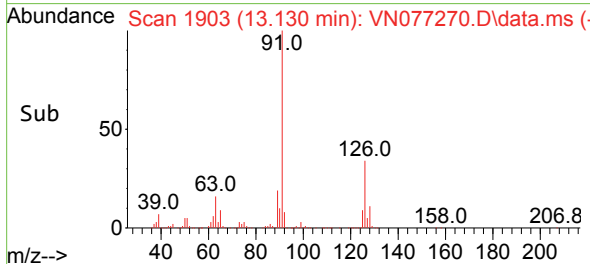
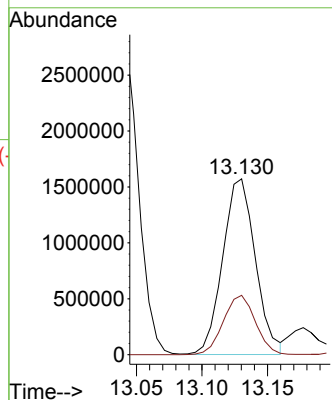
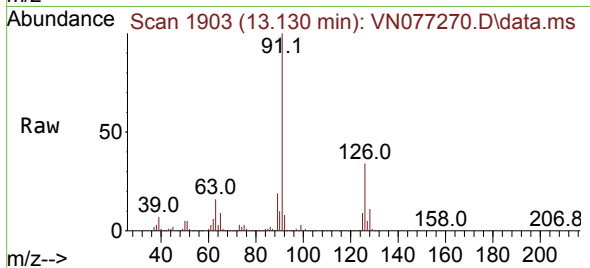
VSTDIC100

Tgt Ion: 91 Resp: 2729567

Ion Ratio Lower Upper

91 100

126 33.1 0.0 67.0



#76

1,3,5-Trimethylbenzene

Concen: 109.864 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077270.D

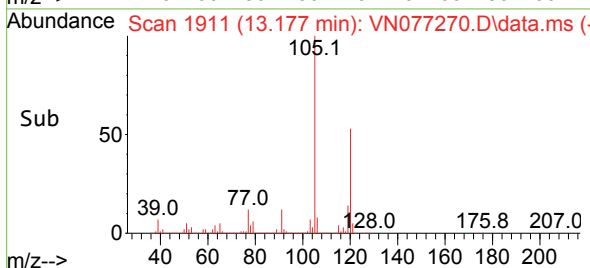
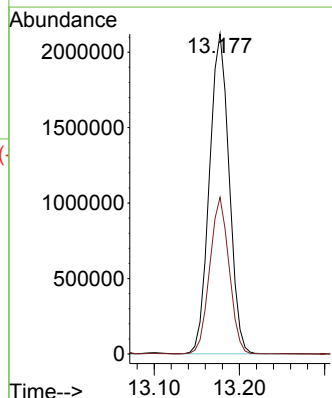
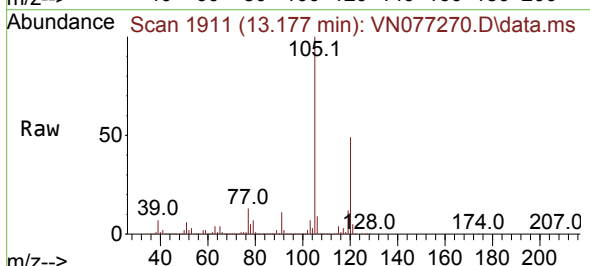
Acq: 07 Apr 2023 10:46

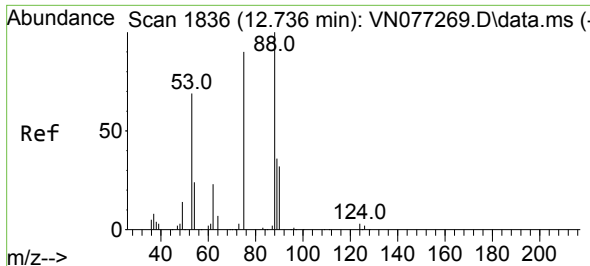
Tgt Ion:105 Resp: 3404205

Ion Ratio Lower Upper

105 100

120 48.1 0.0 94.4

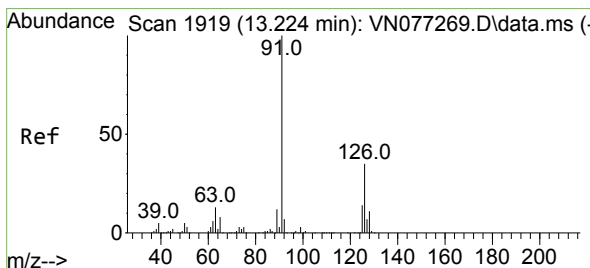
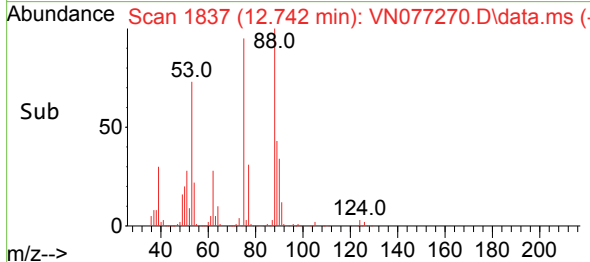
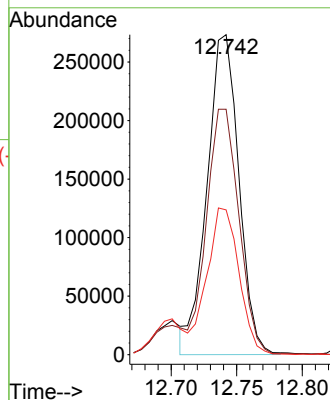
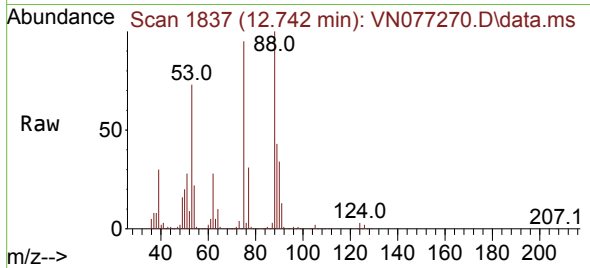




#77
t-1,4-Dichloro-2-butene
Concen: 114.299 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

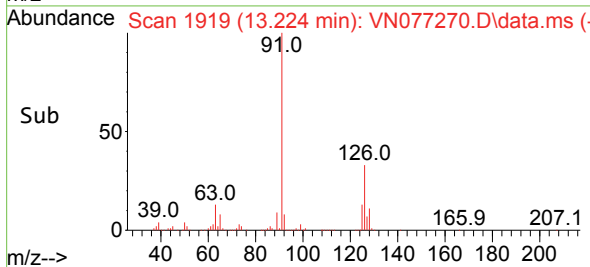
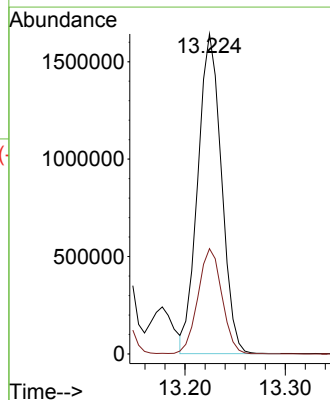
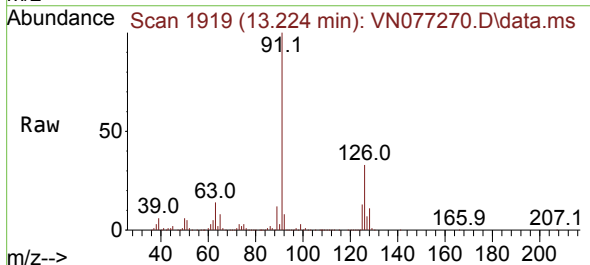
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

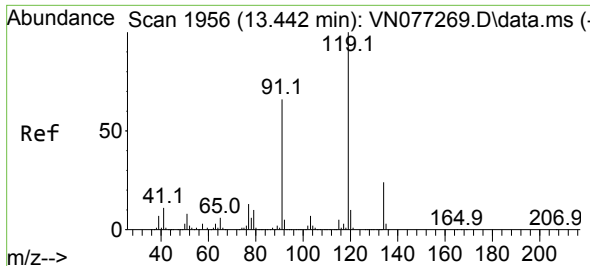
Tgt Ion: 75 Resp: 461378
Ion Ratio Lower Upper
75 100
53 76.7 38.8 116.4
89 45.3 23.2 69.6



#78
4-Chlorotoluene
Concen: 112.835 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 91 Resp: 2690349
Ion Ratio Lower Upper
91 100
126 33.2 0.0 67.4

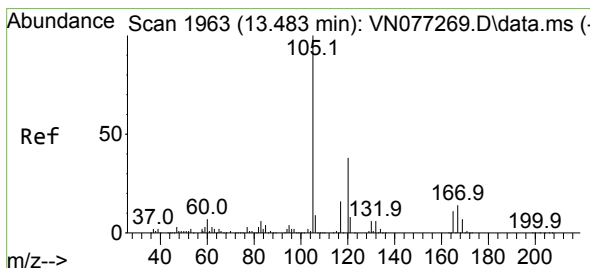
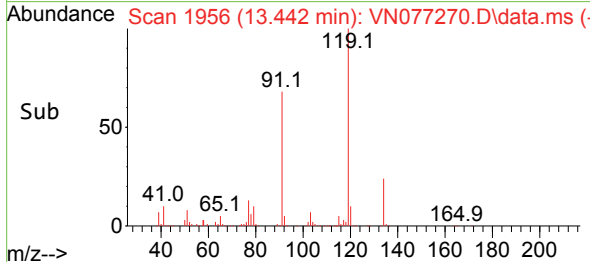
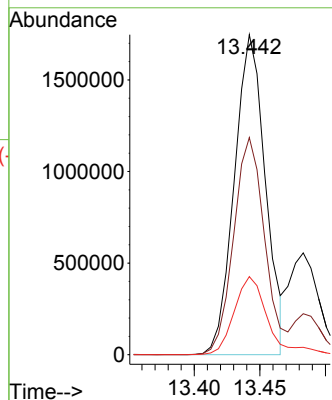
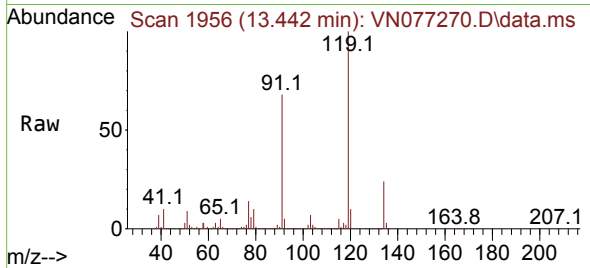




#79
tert-butylbenzene
Concen: 106.689 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

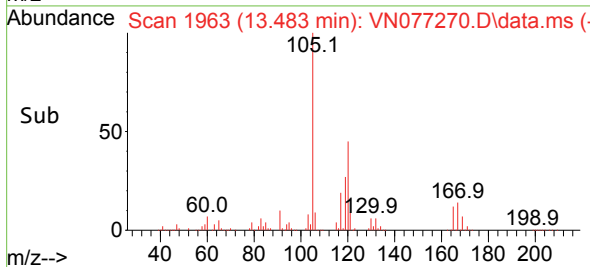
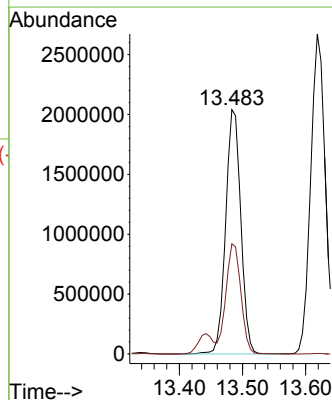
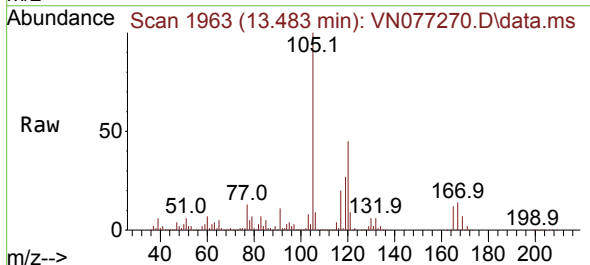
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

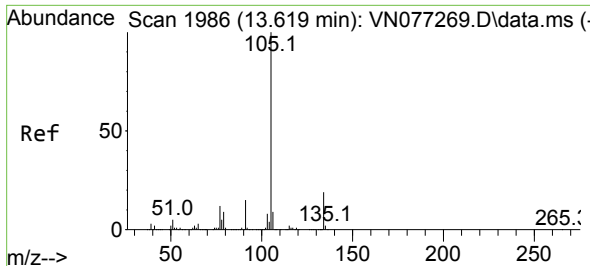
Tgt Ion:119 Resp: 2877068
Ion Ratio Lower Upper
119 100
91 68.3 0.0 131.0
134 25.1 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 112.486 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion:105 Resp: 3397639
Ion Ratio Lower Upper
105 100
120 44.0 0.0 91.0

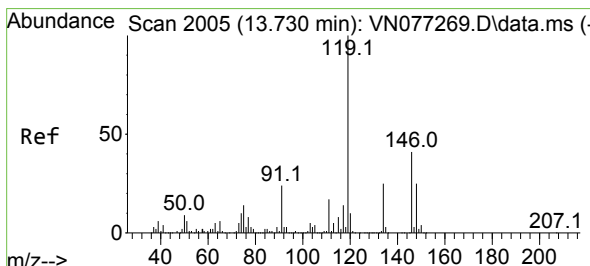
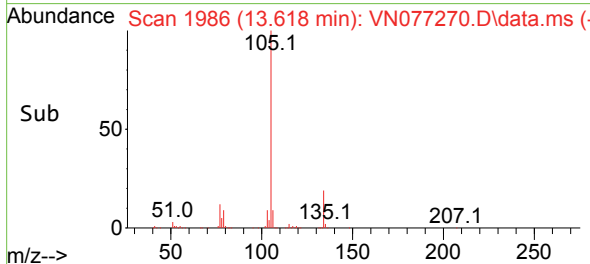
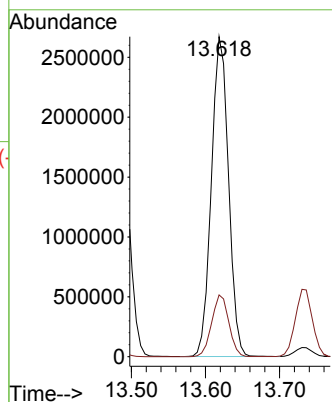
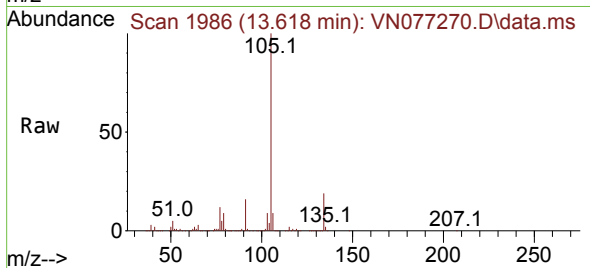




#81
 sec-Butylbenzene
 Concen: 111.340 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

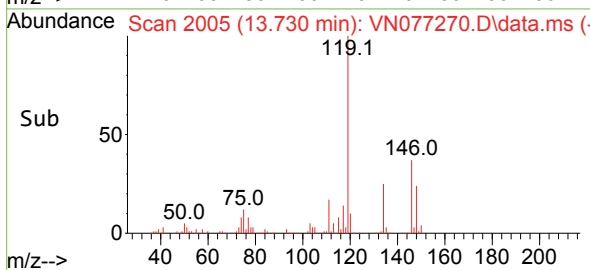
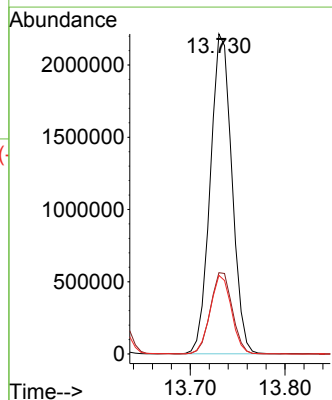
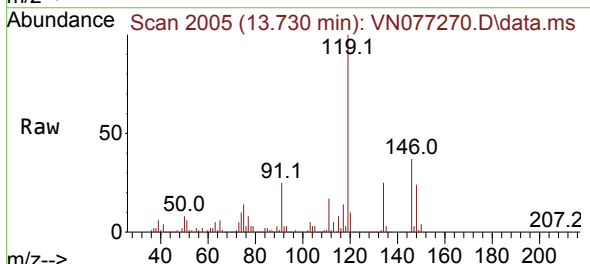
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

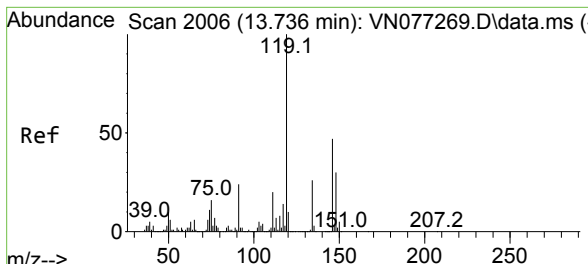
Tgt Ion:105 Resp: 4288114
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 113.558 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

Tgt Ion:119 Resp: 3503891
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.0
 91 24.1 0.0 48.0



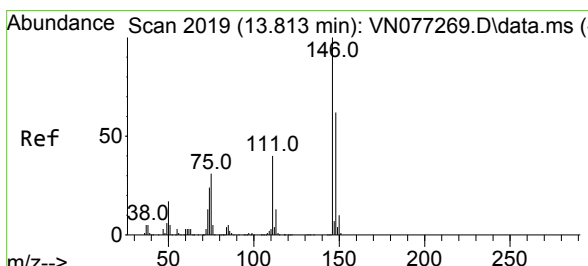
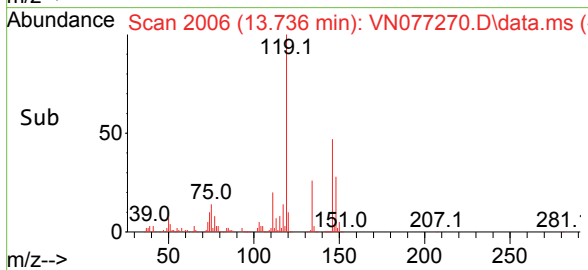
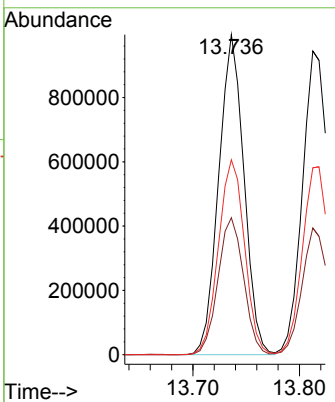
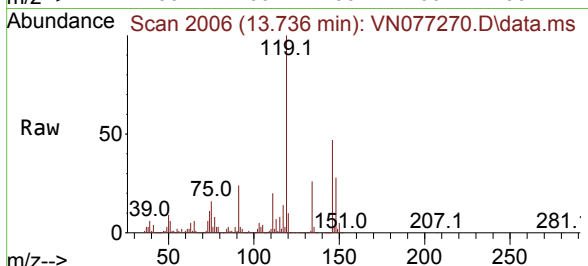


#83
 1,3-Dichlorobenzene
 Concen: 111.907 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 1641133

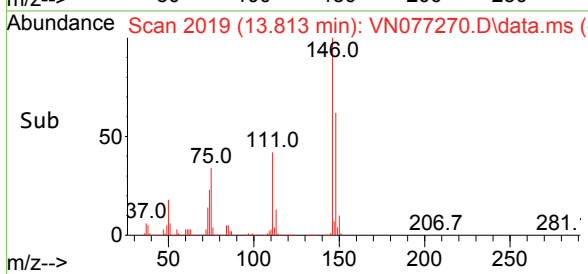
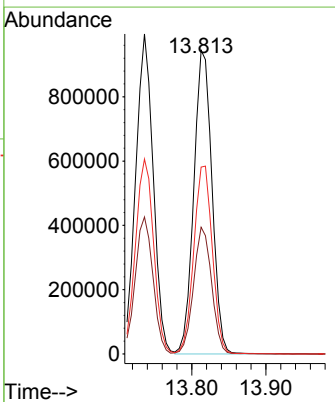
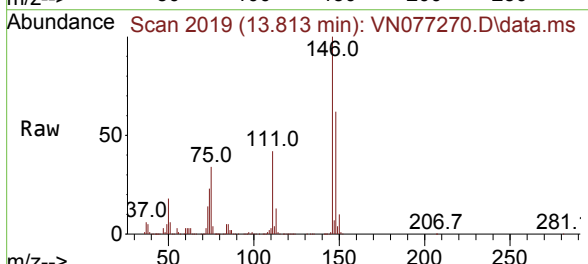
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.2
148	62.9	31.9	95.5

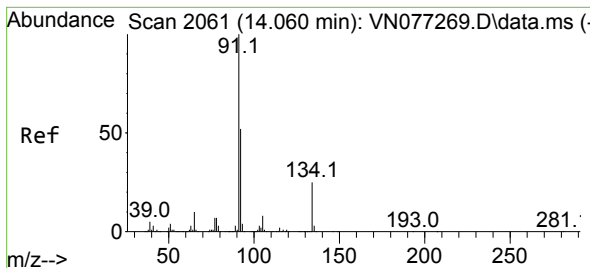


#84
 1,4-Dichlorobenzene
 Concen: 113.202 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

Tgt Ion:146 Resp: 1610654

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	63.1	31.6	94.7





#85

n-Butylbenzene

Concen: 122.642 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

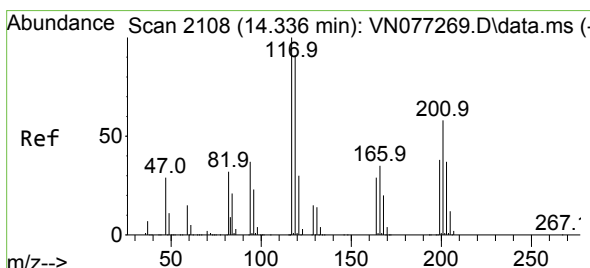
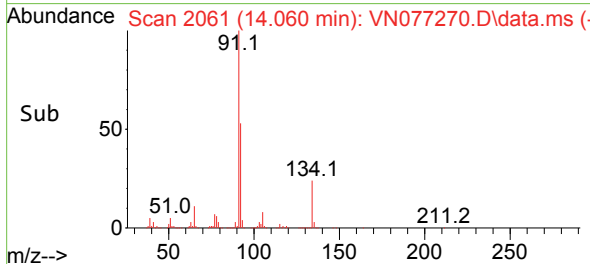
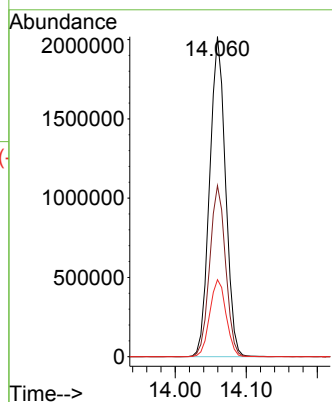
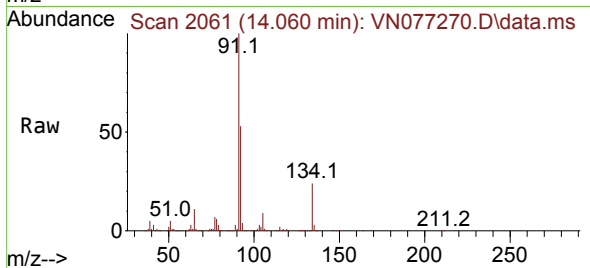
MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 3127041

Ion	Ratio	Lower	Upper
91	100		
92	53.5	0.0	105.6
134	24.8	0.0	49.4



#86

Hexachloroethane

Concen: 107.878 ug/l

RT: 14.336 min Scan# 2108

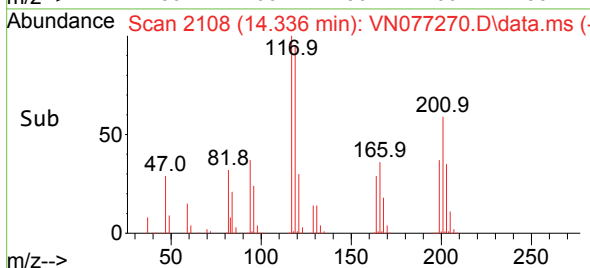
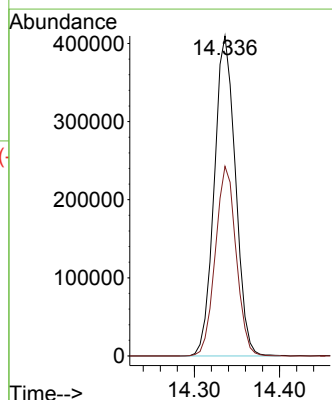
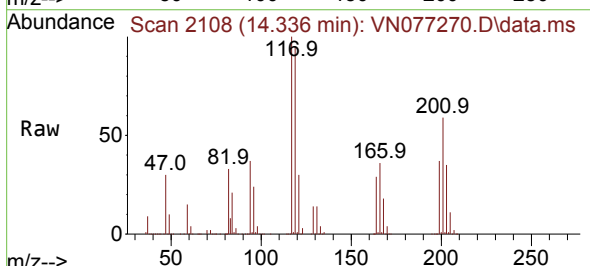
Delta R.T. -0.000 min

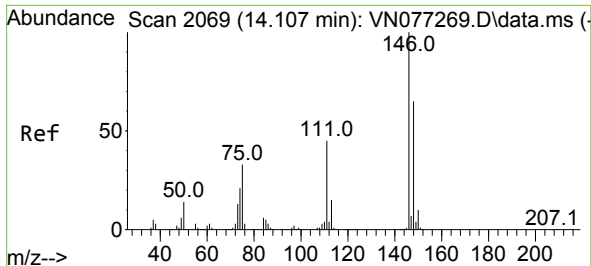
Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Tgt Ion: 117 Resp: 708070

Ion	Ratio	Lower	Upper
117	100		
201	58.2	29.1	87.4

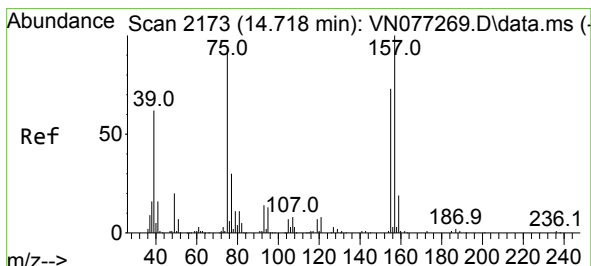
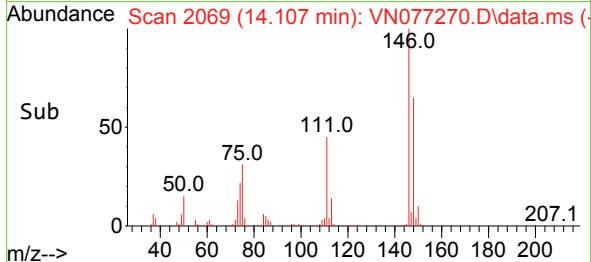
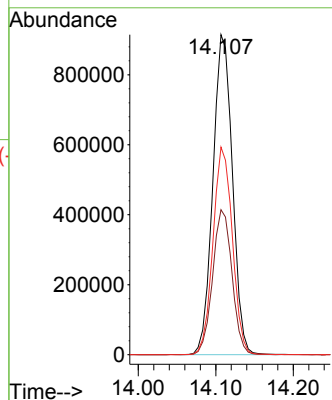
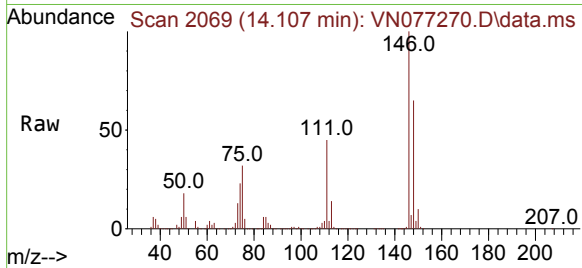




#87
 1,2-Dichlorobenzene
 Concen: 111.570 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

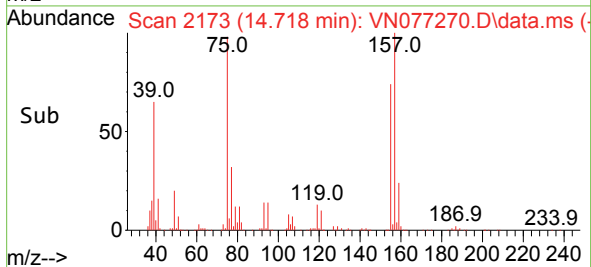
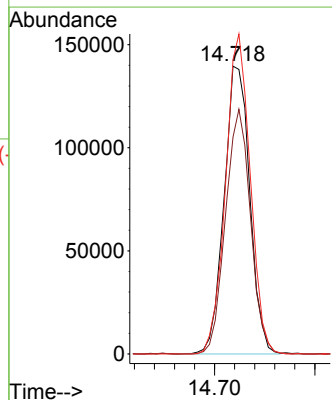
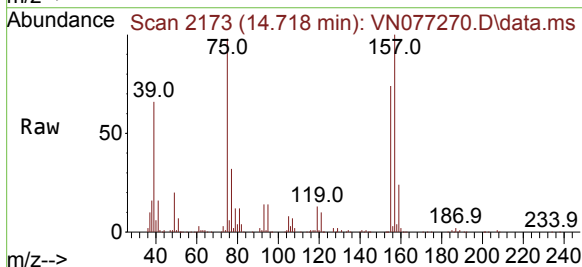
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

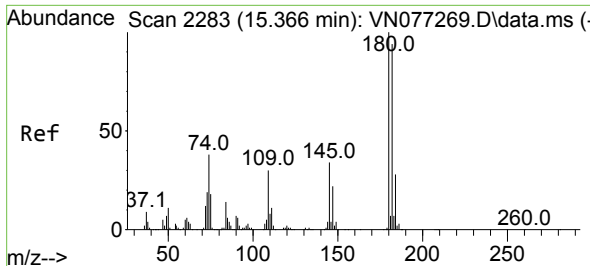
Tgt Ion:146 Resp: 1603221
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.1 66.5
 148 64.3 31.9 95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 111.244 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

Tgt Ion: 75 Resp: 248525
 Ion Ratio Lower Upper
 75 100
 155 82.8 67.8 101.6
 157 106.7 86.3 129.5

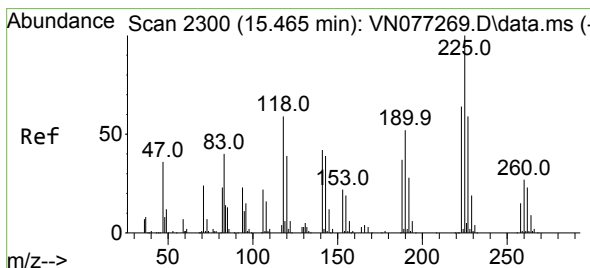
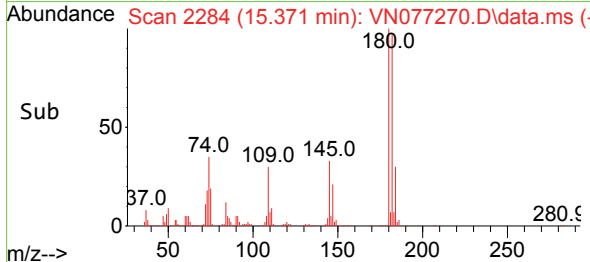
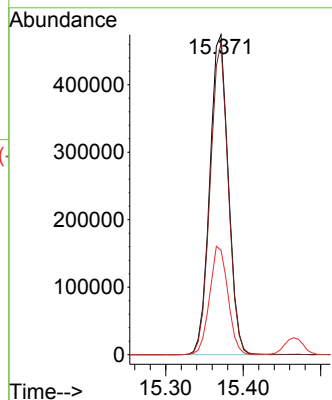
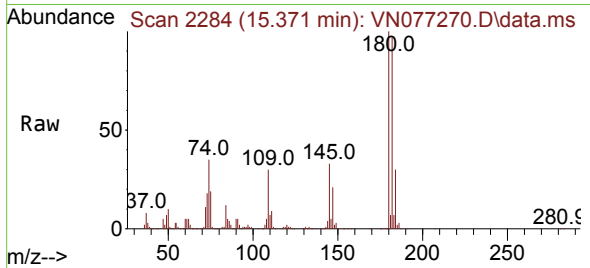




#89
1,2,4-Trichlorobenzene
Concen: 139.075 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

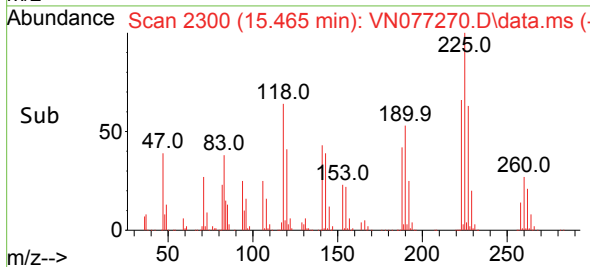
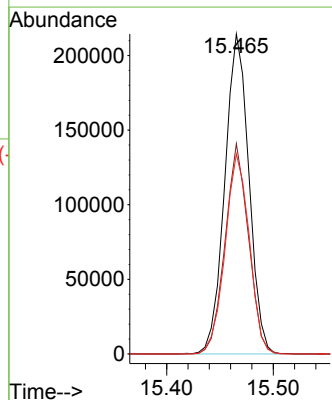
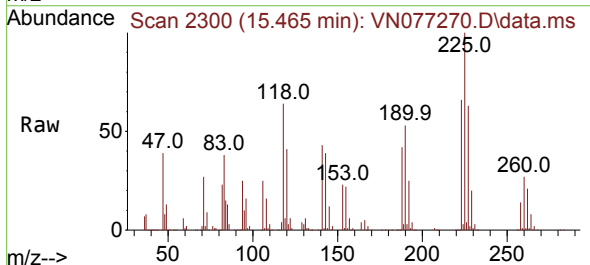
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

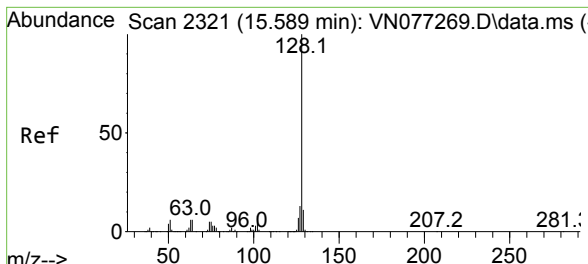
Tgt Ion:180 Resp: 786093
Ion Ratio Lower Upper
180 100
182 95.2 75.6 113.4
145 33.5 26.7 40.1



#90
Hexachlorobutadiene
Concen: 116.182 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion:225 Resp: 336799
Ion Ratio Lower Upper
225 100
223 63.9 0.0 126.0
227 62.7 0.0 127.2



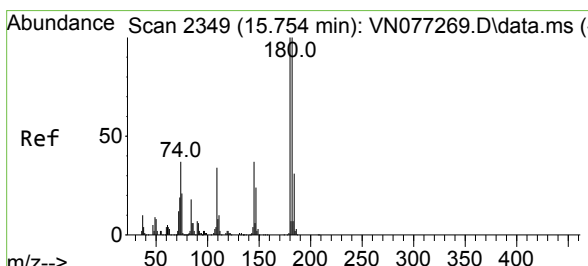
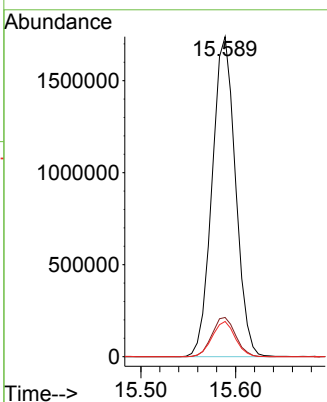
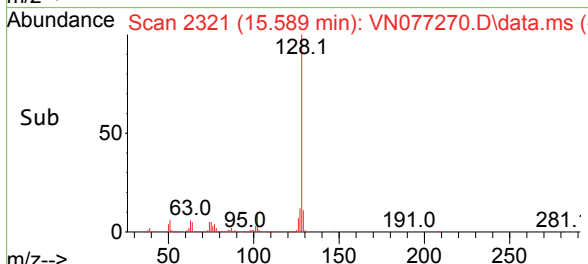
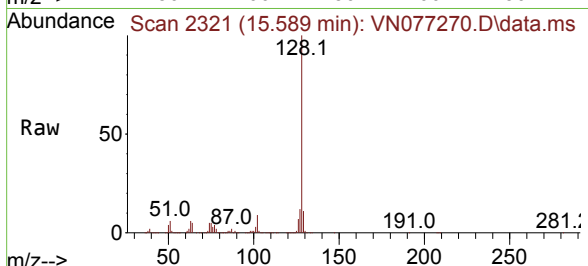


#91
 Naphthalene
 Concen: 138.006 ug/l
 RT: 15.589 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:128 Resp: 2980010

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.9	8.9	13.3



#92
 1,2,3-Trichlorobenzene
 Concen: 135.568 ug/l
 RT: 15.754 min Scan# 2349
 Delta R.T. -0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

Tgt Ion:180 Resp: 747686

Ion	Ratio	Lower	Upper
180	100		
182	94.7	0.0	190.4
145	35.1	0.0	72.4

