

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077273.D
 Acq On : 07 Apr 2023 12:17
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Apr 08 05:15:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	68521	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	529669	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	565419	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	175195	30.147	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.500%	
60) 4-Bromofluorobenzene	12.854	95	286299	29.283	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.600%	
63) Toluene-d8	10.572	98	613563	30.868	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	69364	10.648	ug/l	99
3) Chloromethane	2.372	50	96812	11.187	ug/l	94
4) Vinyl Chloride	2.525	62	134433	10.845	ug/l	98
5) Bromomethane	2.966	94	111318	11.917	ug/l	95
6) Chloroethane	3.125	64	93242	11.222	ug/l	92
7) Trichlorofluoromethane	3.501	101	122816	10.641	ug/l	98
8) Diethyl Ether	3.972	74	52210	10.613	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	80212	11.114	ug/l	98
10) 1,1-Dichloroethene	4.343	96	78440	10.864	ug/l	96
11) Methyl Iodide	4.601	142	77111	9.453	ug/l	98
12) Methyl Acetate	5.031	43	110007	10.226	ug/l	97
13) Acrolein	4.184	56	53817	40.305	ug/l	96
14) Acrylonitrile	5.731	53	192221	52.276	ug/l	98
15) Acetone	4.431	58	65645	49.210	ug/l	90
16) Carbon Disulfide	4.719	76	200309	10.511	ug/l #	95
17) Allyl chloride	5.031	41	96848	10.420	ug/l	95
18) Methylene Chloride	5.290	84	91105	10.866	ug/l #	94
19) trans-1,2-Dichloroethene	5.790	96	85080	10.837	ug/l	94
20) Diisopropyl ether	6.684	45	234895	10.604	ug/l	97
21) 1,1-Dichloroethane	6.572	63	147488	10.504	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	100799	10.532	ug/l	99
23) tert-Butyl Alcohol	5.525	59	72430	44.300	ug/l	100
24) Methyl tert-Butyl Ether	5.801	73	163948	6.307	ug/l #	71
25) Chloroform	7.972	83	160944	10.577	ug/l	99
26) Cyclohexane	8.260	56	129032	10.576	ug/l #	98
29) 1,1-Dichloropropene	8.372	75	117298	10.223	ug/l	99
30) 2-Butanone	7.489	43	265494	48.930	ug/l	98
31) 2,2-Dichloropropane	7.495	77	142861	10.142	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	145417	10.298	ug/l	99
33) Carbon Tetrachloride	8.366	117	120744	10.019	ug/l	97
34) Benzene	8.613	78	367270	10.345	ug/l	98
35) Methacrylonitrile	7.784	41	50292	9.839	ug/l	93
36) 1,2-Dichloroethane	8.672	62	112802	10.134	ug/l	100
37) Trichloroethene	9.354	130	90006	10.365	ug/l	94
38) Methylcyclohexane	9.607	83	160581	10.319	ug/l	99
39) 1,2-Dichloropropane	9.625	63	90210	10.236	ug/l	98
40) Dibromomethane	9.713	93	65100	10.252	ug/l	99
41) Bromodichloromethane	9.889	83	129803	10.251	ug/l	92
42) Vinyl Acetate	6.613	43	792657	50.476	ug/l #	100

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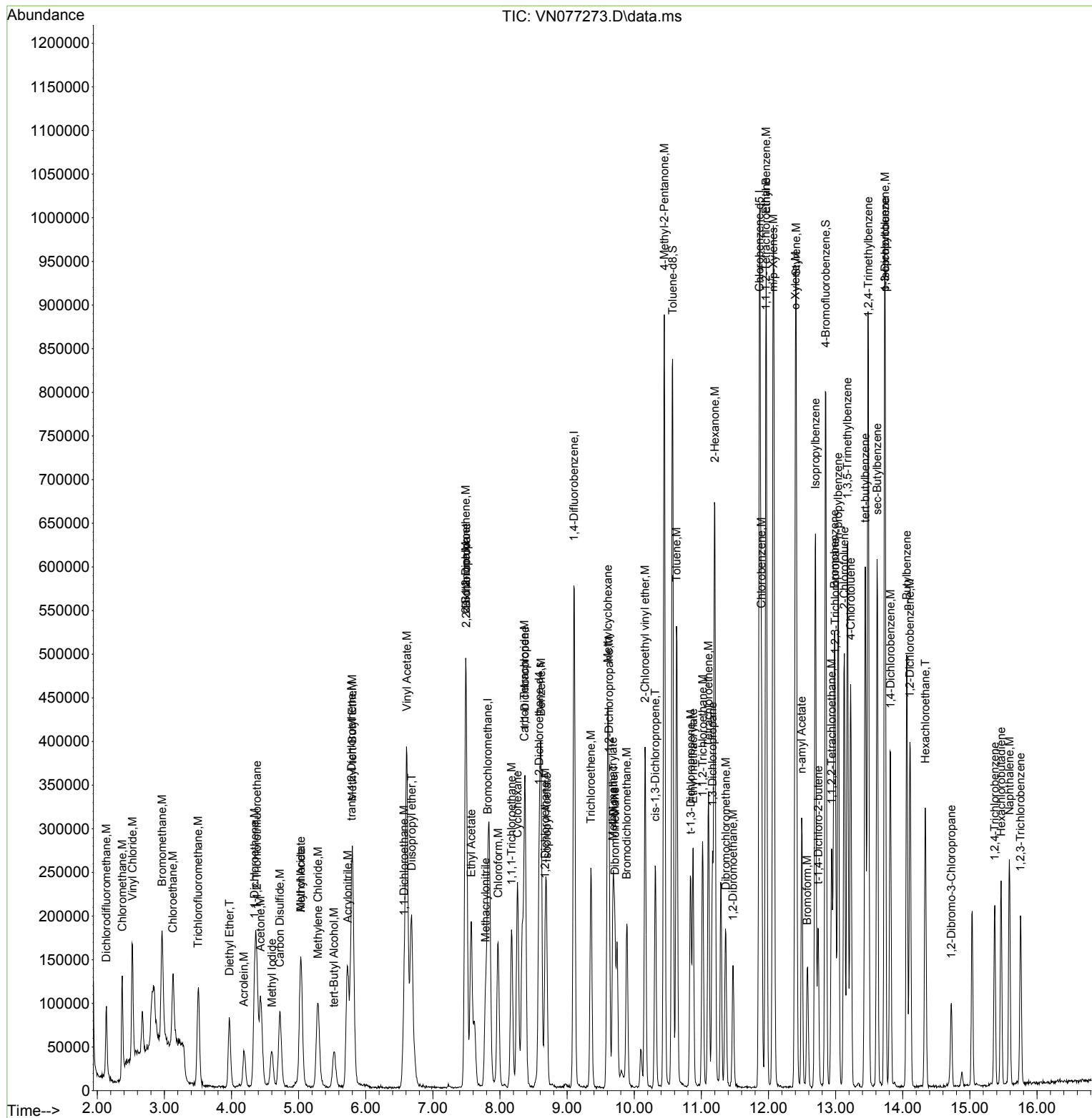
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	100927	10.054	ug/l	98
44) Isopropyl Acetate	8.695	43	184281	10.253	ug/l #	100
45) 1,4-Dioxane	9.695	88	37669	198.717	ug/l	99
46) Methyl methacrylate	9.683	41	80740	10.433	ug/l	99
47) n-amyl Acetate	12.495	43	155346	9.890	ug/l	99
48) t-1,3-Dichloropropene	10.842	75	142902	10.084	ug/l	95
49) cis-1,3-Dichloropropene	10.313	75	155602	10.321	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	94185	10.211	ug/l	92
51) Ethyl methacrylate	10.877	69	142755	10.078	ug/l	96
52) 1,3-Dichloropropane	11.166	76	161273	10.476	ug/l	100
53) Dibromochloromethane	11.366	129	95600	9.834	ug/l	96
54) 1,2-Dibromoethane	11.472	107	94893	10.248	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	177245	40.529	ug/l	98
56) Bromoform	12.577	173	62700	9.601	ug/l	100
58) 4-Methyl-2-Pentanone	10.448	43	546511	51.623	ug/l	99
59) 2-Hexanone	11.201	43	420640	51.404	ug/l	99
61) Tetrachloroethene	11.107	164	71394	10.616	ug/l	96
62) Toluene	10.630	91	416209	10.550	ug/l	99
64) Chlorobenzene	11.895	112	252401	10.531	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	92791	10.528	ug/l	98
66) Ethyl Benzene	11.966	91	459453	10.512	ug/l	94
67) m/p-Xylenes	12.071	106	363002	21.189	ug/l	97
68) o-Xylene	12.401	106	178411	10.410	ug/l	100
69) Styrene	12.413	104	277998	10.124	ug/l	99
70) Isopropylbenzene	12.701	105	445520	10.243	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	137144	10.296	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	168622	18.624	ug/l	38
73) Bromobenzene	12.983	156	93934	10.630	ug/l	92
74) n-propylbenzene	13.036	91	491647	10.216	ug/l	100
75) 2-Chlorotoluene	13.130	91	300116	10.410	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	360103	10.172	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	44753	9.704	ug/l	98
78) 4-Chlorotoluene	13.224	91	284570	10.446	ug/l	99
79) tert-butylbenzene	13.442	119	315816	10.251	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	348542	10.100	ug/l	97
81) sec-Butylbenzene	13.618	105	448329	10.189	ug/l	99
82) p-Isopropyltoluene	13.736	119	355888	10.095	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	171983	10.265	ug/l	97
84) 1,4-Dichlorobenzene	13.818	146	165553	10.184	ug/l	99
85) n-Butylbenzene	14.060	91	287384	9.865	ug/l	98
86) Hexachloroethane	14.336	117	77026	10.272	ug/l	98
87) 1,2-Dichlorobenzene	14.107	146	167178	10.183	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.724	75	24774	9.706	ug/l	97
89) 1,2,4-Trichlorobenzene	15.371	180	58966	9.131	ug/l	98
90) Hexachlorobutadiene	15.465	225	34426	10.394	ug/l	99
91) Naphthalene	15.589	128	220015	8.918	ug/l	99
92) 1,2,3-Trichlorobenzene	15.754	180	56044	8.894	ug/l	97

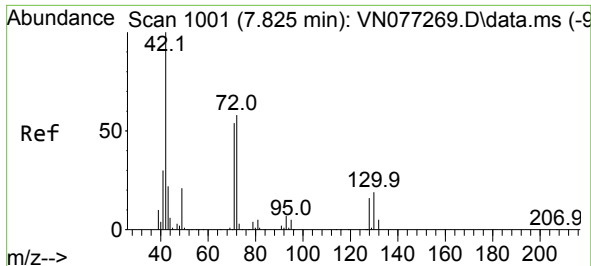
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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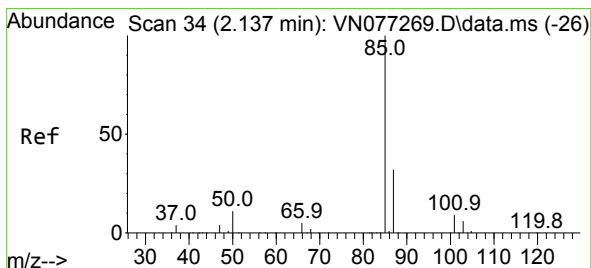
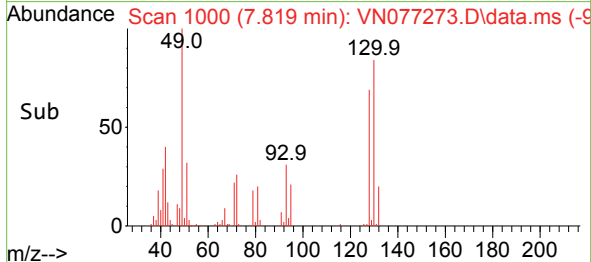
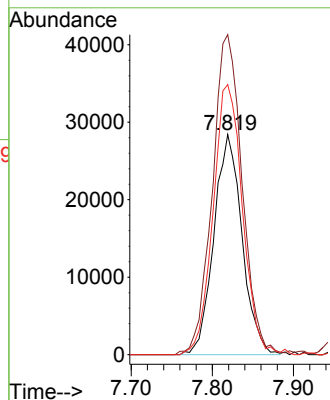
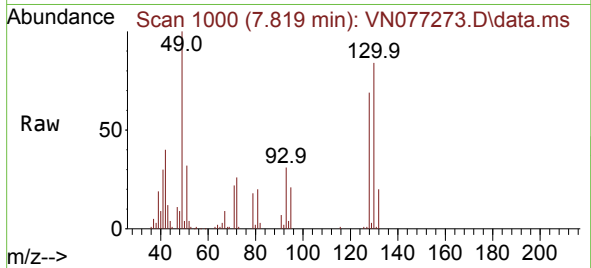




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077273.D
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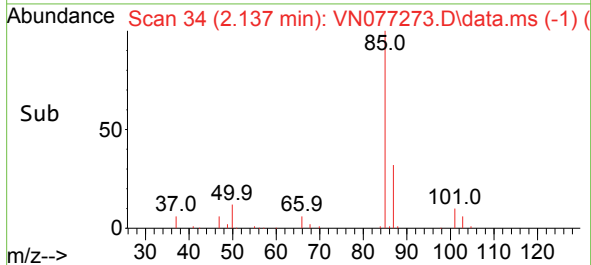
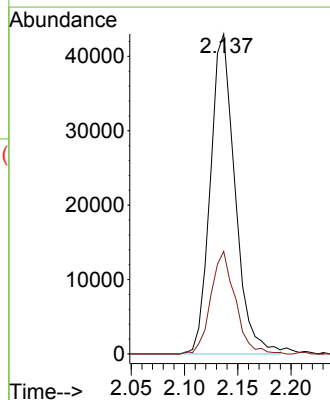
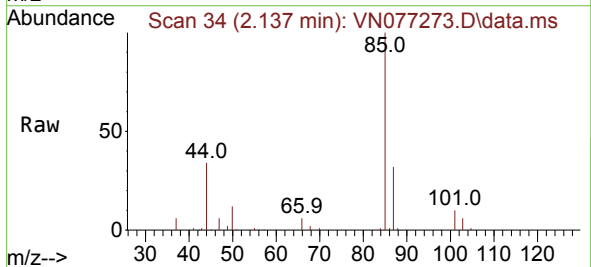
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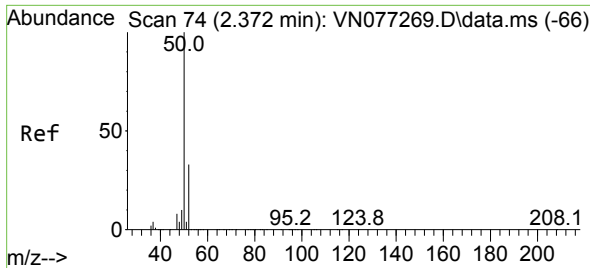
Tgt Ion:128 Resp: 68521
Ion Ratio Lower Upper
128 100
49 153.6 0.0 379.5
130 127.9 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 10.648 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 85 Resp: 69364
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6

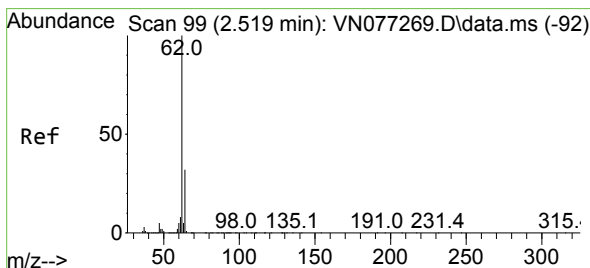
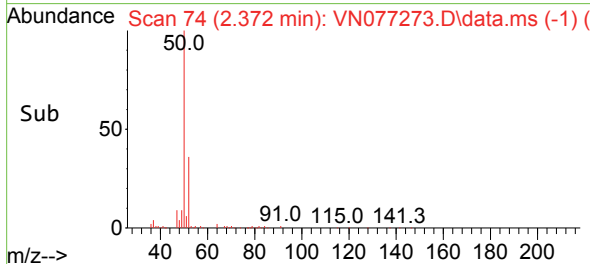
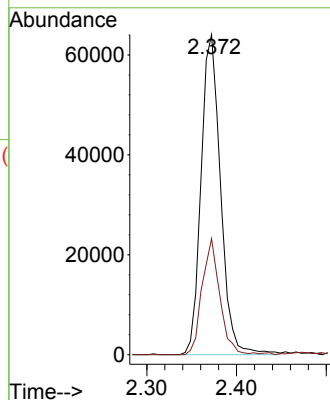
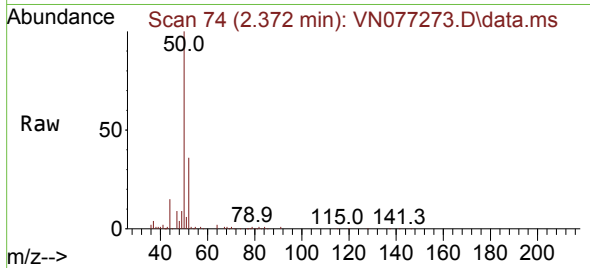




#3
Chloromethane
Concen: 11.187 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

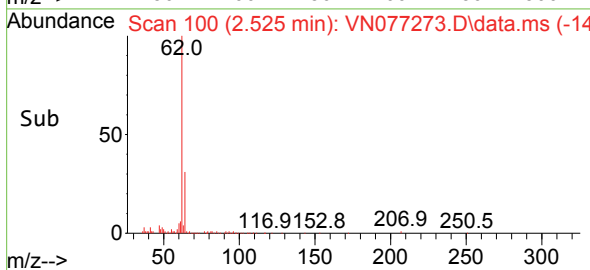
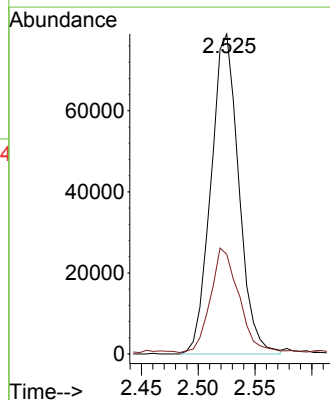
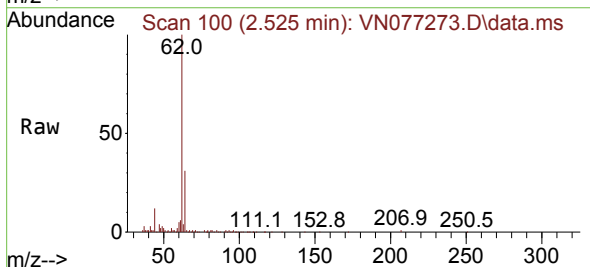
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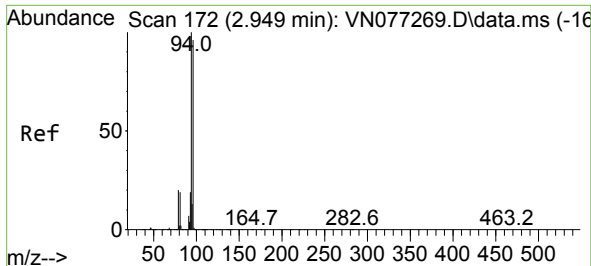
Tgt Ion: 50 Resp: 96812
Ion Ratio Lower Upper
50 100
52 36.2 26.4 39.6



#4
Vinyl Chloride
Concen: 10.845 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 62 Resp: 134433
Ion Ratio Lower Upper
62 100
64 30.7 25.4 38.0

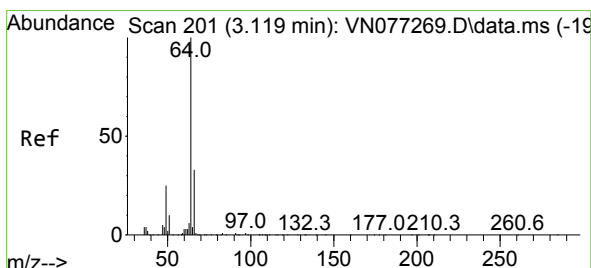
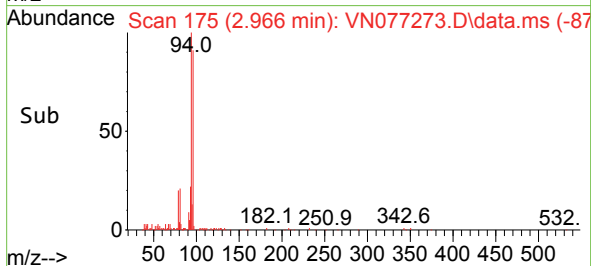
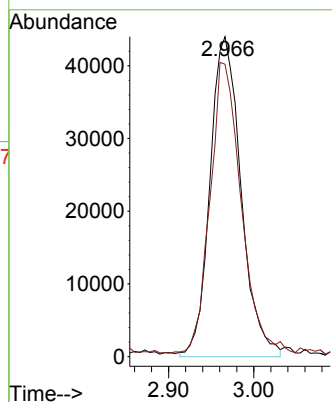
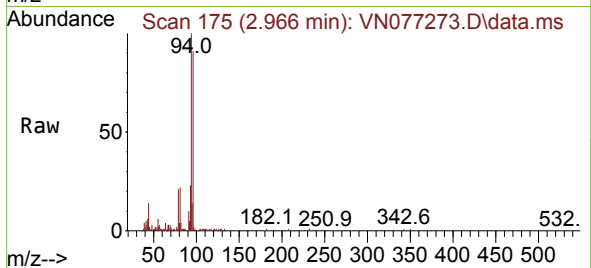




#5
Bromomethane
Concen: 11.917 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077273.D
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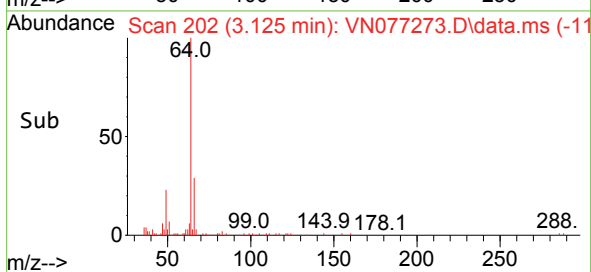
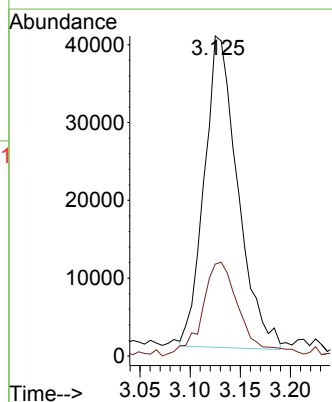
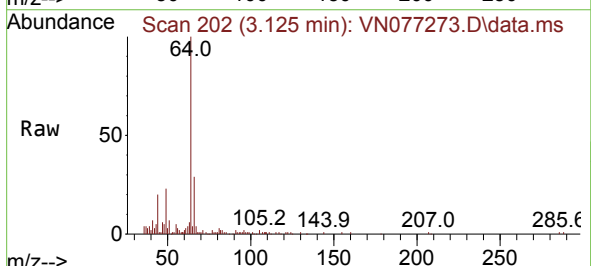
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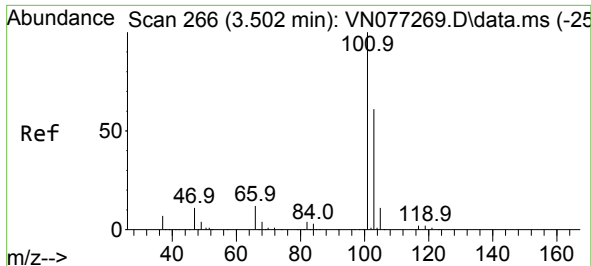
Tgt Ion: 94 Resp: 111318
Ion Ratio Lower Upper
94 100
96 91.1 77.0 115.6



#6
Chloroethane
Concen: 11.222 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 64 Resp: 93242
Ion Ratio Lower Upper
64 100
66 27.4 25.7 38.5

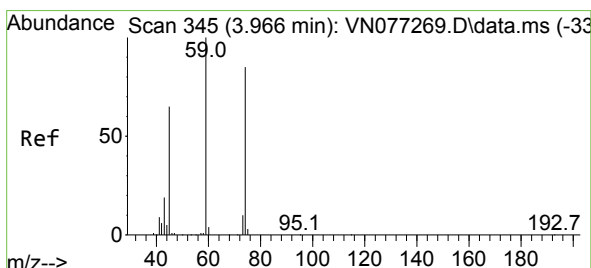
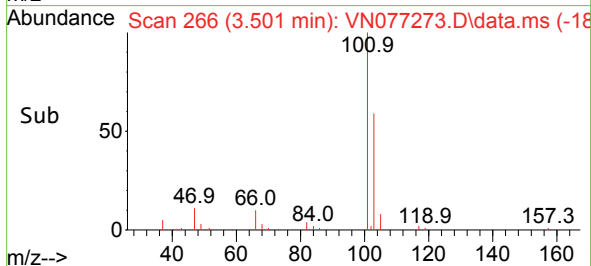
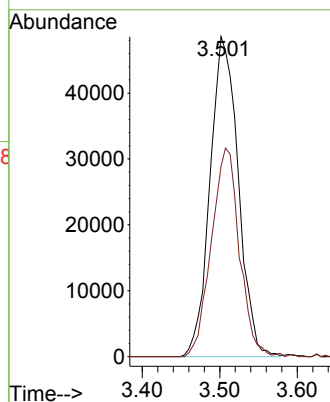
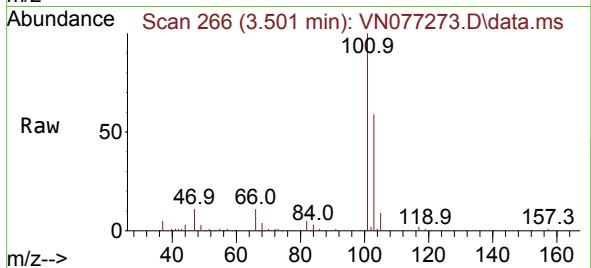




#7
 Trichlorofluoromethane
 Concen: 10.641 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.000 min
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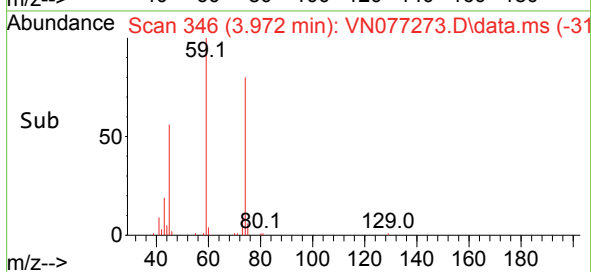
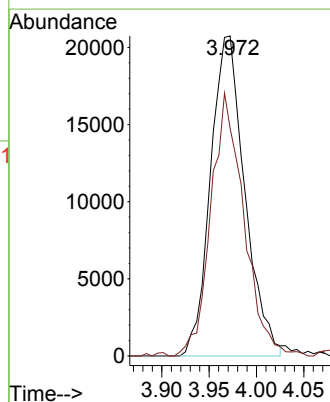
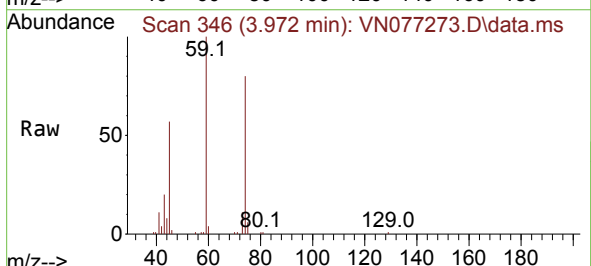
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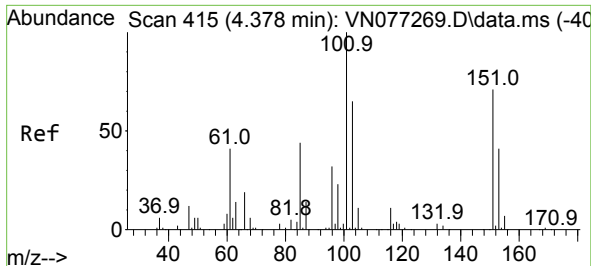
Tgt Ion:101 Resp: 122816
 Ion Ratio Lower Upper
 101 100
 103 59.4 48.9 73.3



#8
 Diethyl Ether
 Concen: 10.613 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

Tgt Ion: 74 Resp: 52210
 Ion Ratio Lower Upper
 74 100
 45 78.7 14.8 133.6

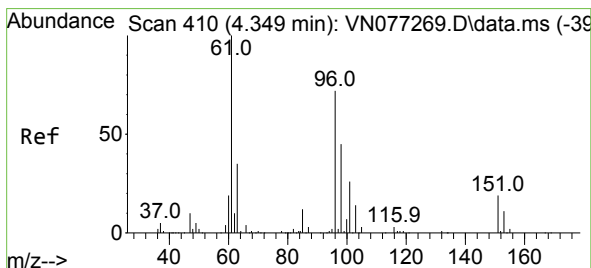
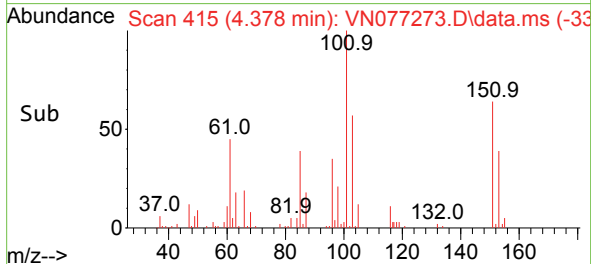
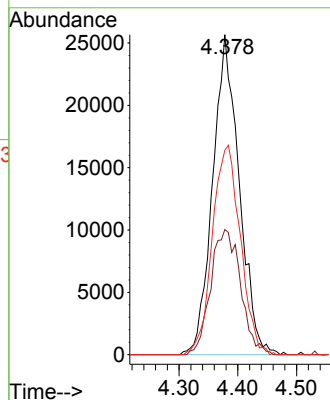
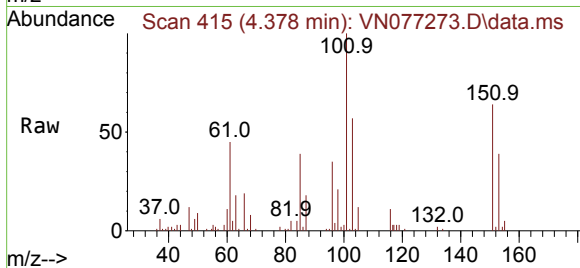




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.114 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
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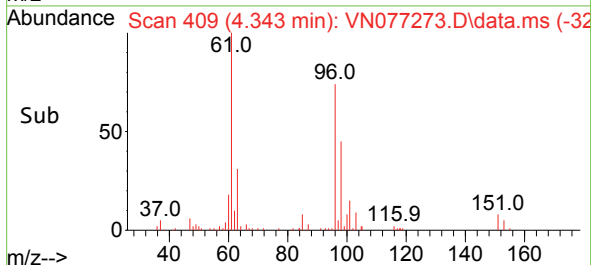
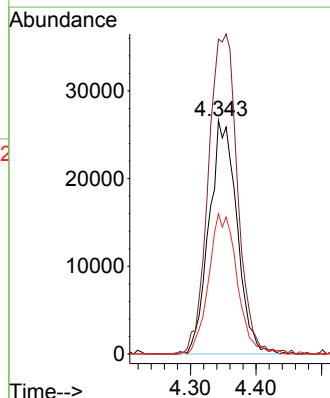
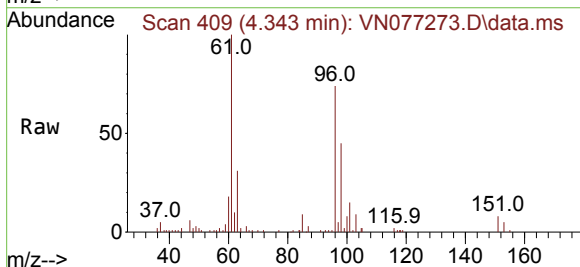
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ClientSampleId :
VSTDIC010

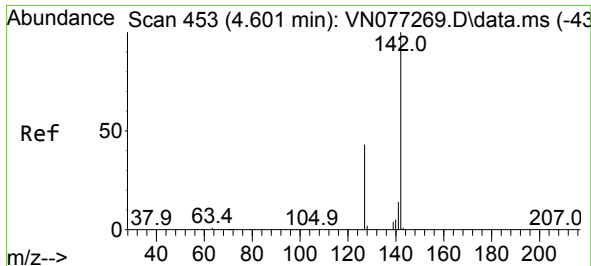
Tgt Ion:101 Resp: 80212
Ion Ratio Lower Upper
101 100
85 43.3 0.0 89.6
151 68.8 0.0 141.6



#10
1,1-Dichloroethene
Concen: 10.864 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 96 Resp: 78440
Ion Ratio Lower Upper
96 100
61 133.7 110.7 166.1
98 59.4 49.6 74.4

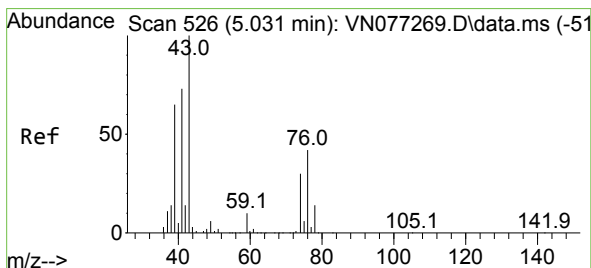
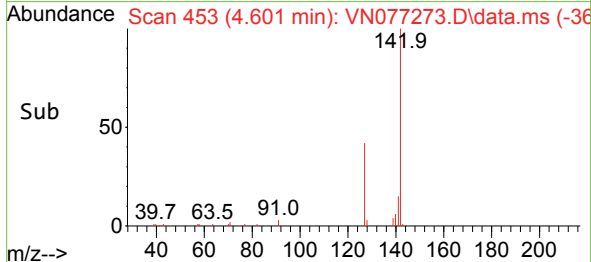
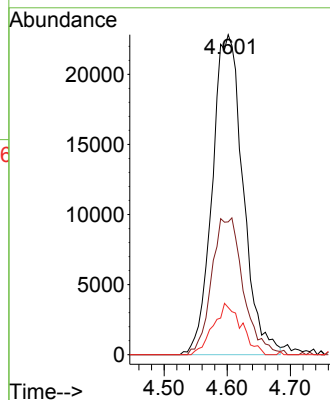
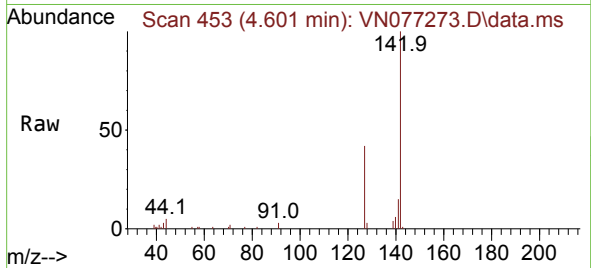




#11
Methyl Iodide
Concen: 9.453 ug/l
RT: 4.601 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

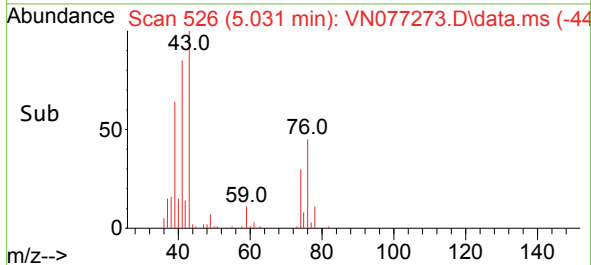
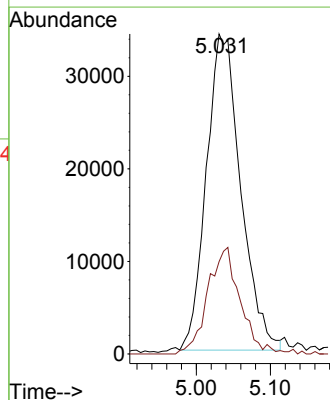
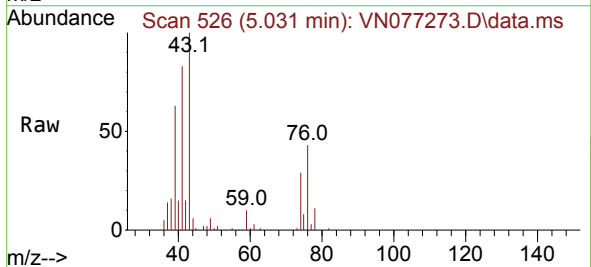
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

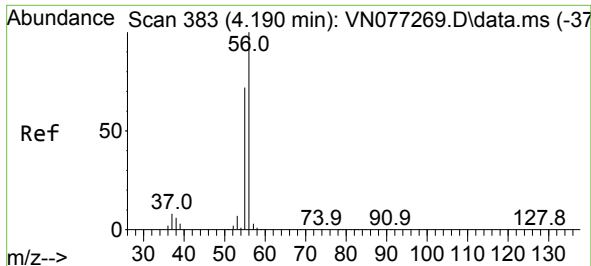
Tgt Ion:142 Resp: 77111
Ion Ratio Lower Upper
142 100
127 41.5 21.3 63.7
141 14.4 7.0 20.9



#12
Methyl Acetate
Concen: 10.226 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 43 Resp: 110007
Ion Ratio Lower Upper
43 100
74 28.6 24.2 36.2

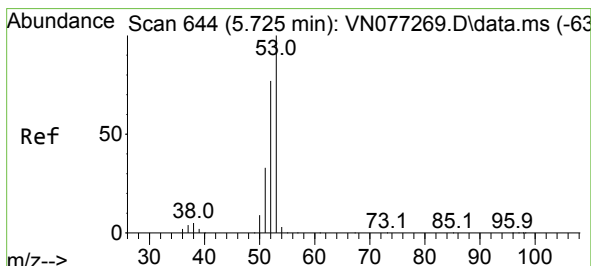
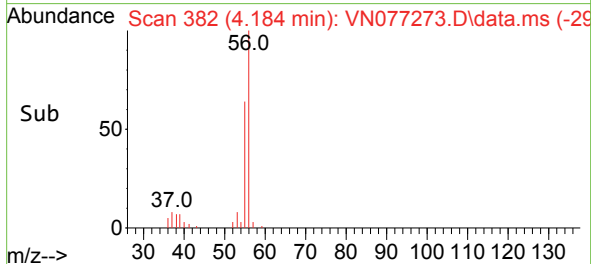
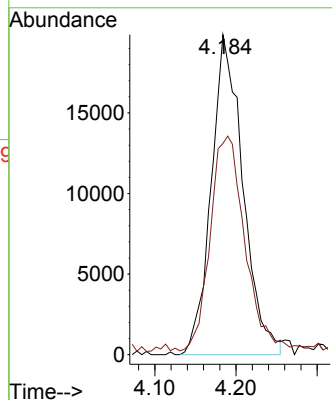
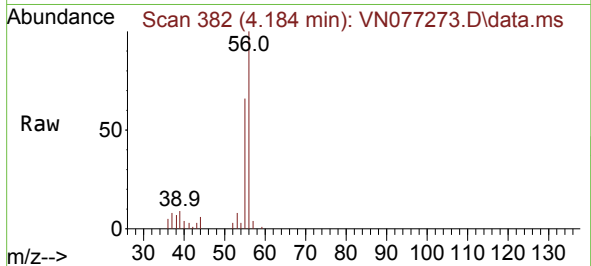




#13
Acrolein
Concen: 40.305 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

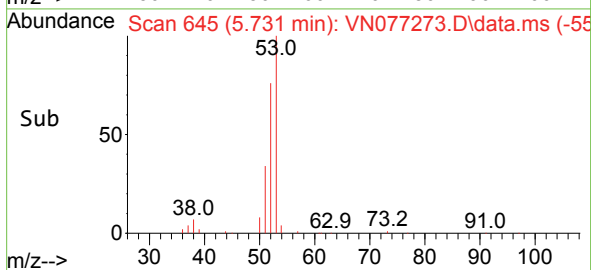
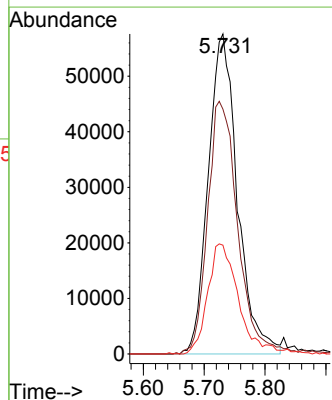
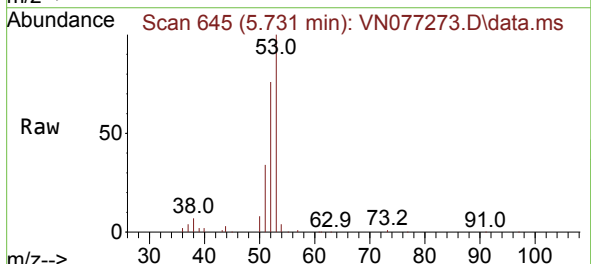
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

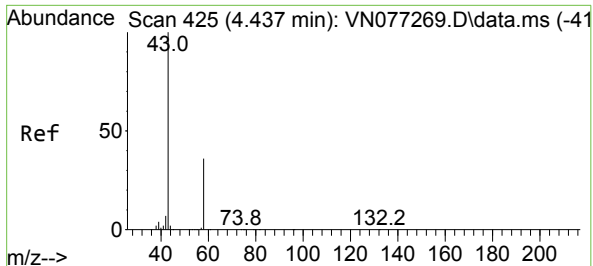
Tgt Ion: 56 Resp: 53817
Ion Ratio Lower Upper
56 100
55 72.1 55.2 82.8



#14
Acrylonitrile
Concen: 52.276 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 53 Resp: 192221
Ion Ratio Lower Upper
53 100
52 81.1 41.0 123.0
51 33.6 17.7 53.1

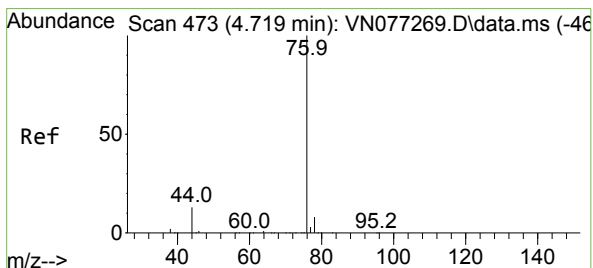
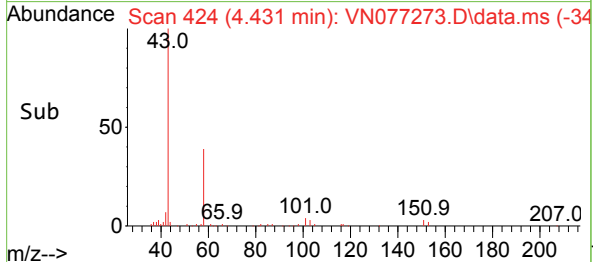
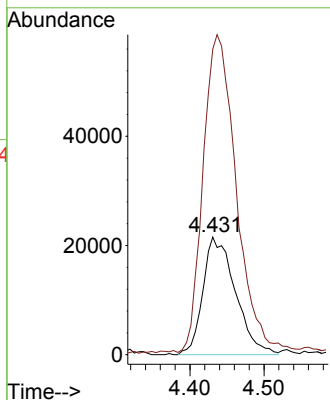
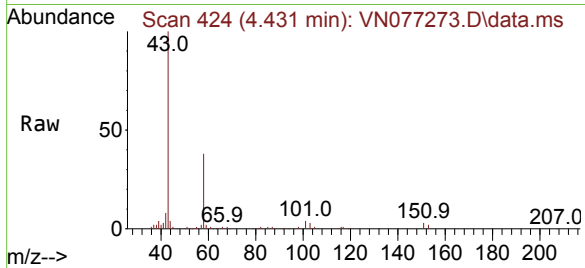




#15
Acetone
Concen: 49.210 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

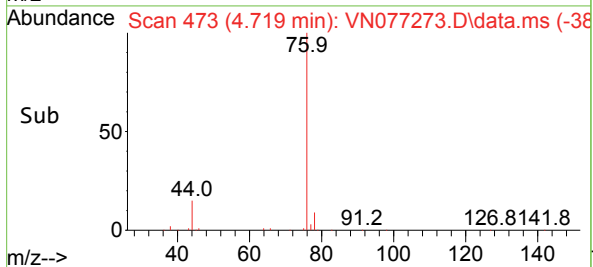
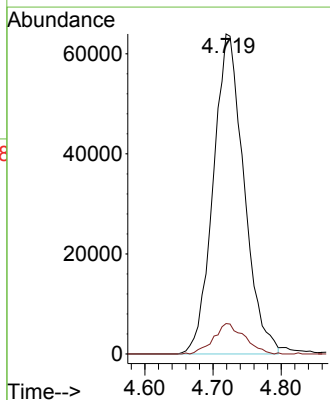
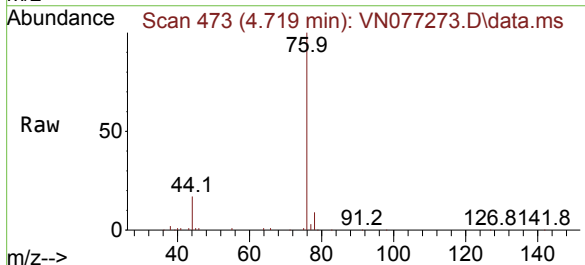
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

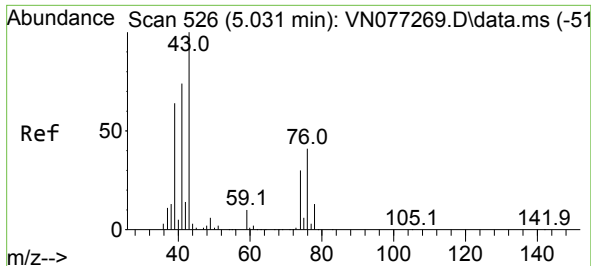
Tgt Ion: 58 Resp: 65645
Ion Ratio Lower Upper
58 100
43 258.0 220.9 331.3



#16
Carbon Disulfide
Concen: 10.511 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 76 Resp: 200309
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5#

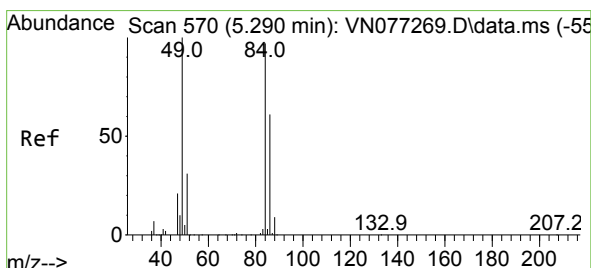
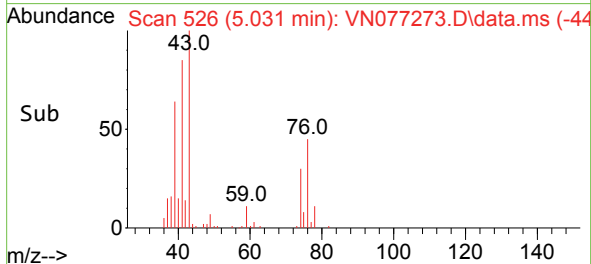
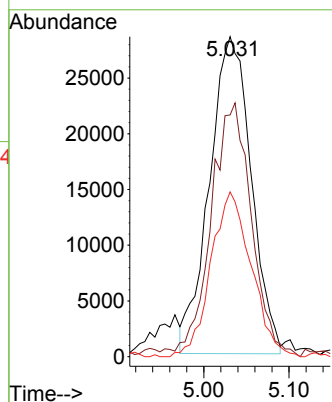
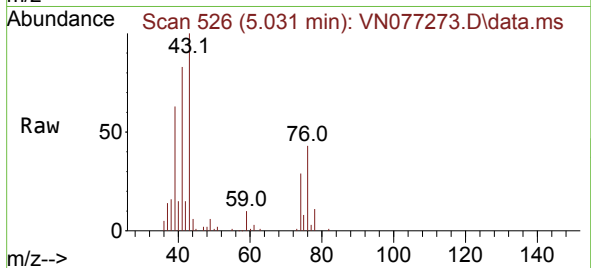




#17
 Allyl chloride
 Concen: 10.420 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

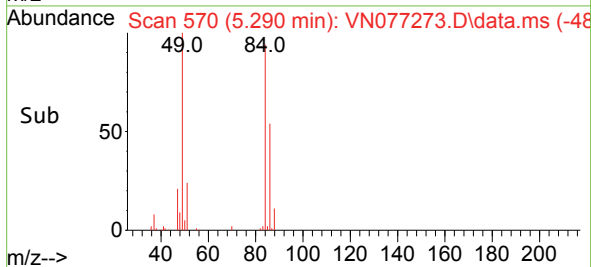
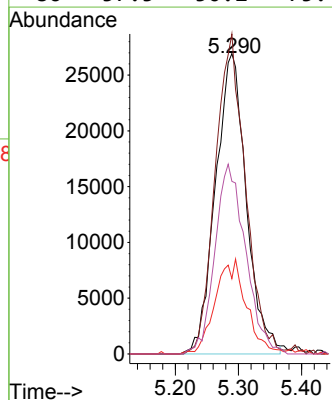
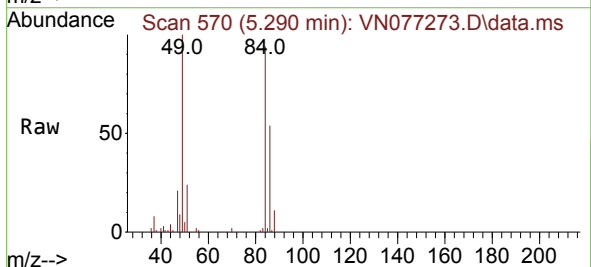
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

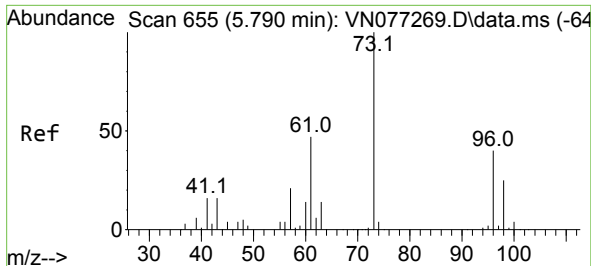
Tgt Ion:	41	Resp:	96848
Ion	Ratio	Lower	Upper
41	100		
39	73.8	40.3	120.9
76	51.8	25.3	75.8



#18
 Methylene Chloride
 Concen: 10.866 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

Tgt Ion:	84	Resp:	91105
Ion	Ratio	Lower	Upper
84	100		
49	106.5	82.7	124.1
51	25.1	25.6	38.4#
86	57.5	50.2	75.4

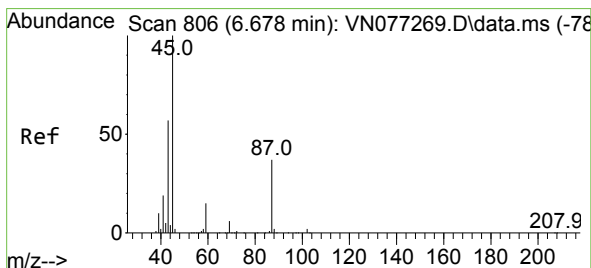
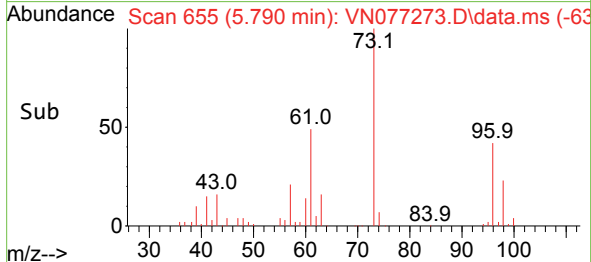
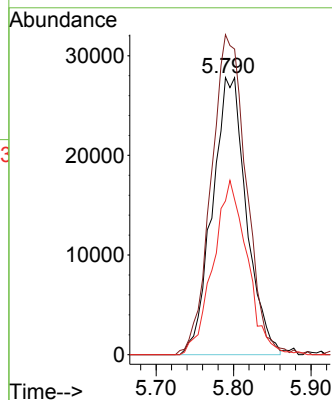
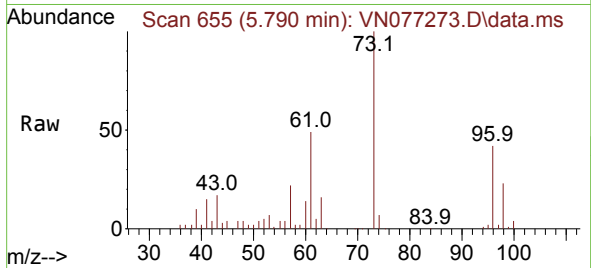




#19
trans-1,2-Dichloroethene
Concen: 10.837 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

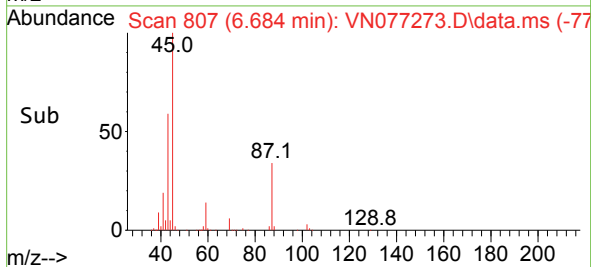
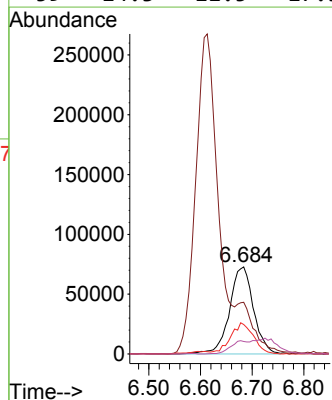
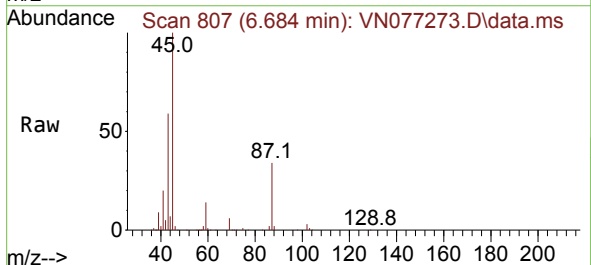
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

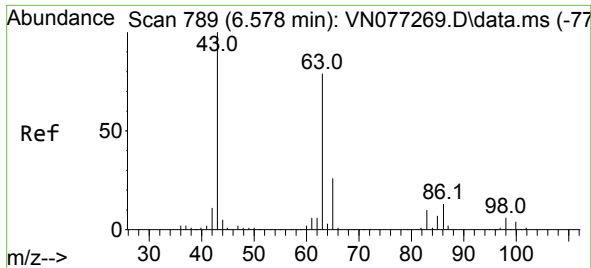
Tgt Ion: 96 Resp: 85080
Ion Ratio Lower Upper
96 100
61 114.0 94.5 141.7
98 55.5 49.8 74.8



#20
Diisopropyl ether
Concen: 10.604 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 45 Resp: 234895
Ion Ratio Lower Upper
45 100
43 56.1 45.9 68.9
87 33.8 30.1 45.1
59 14.3 11.5 17.3

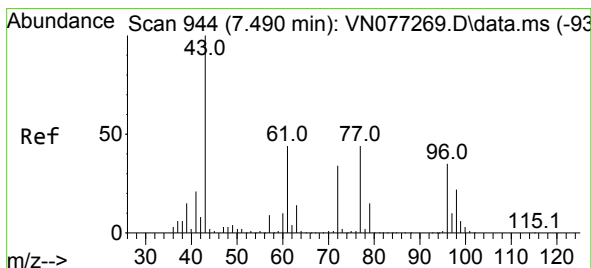
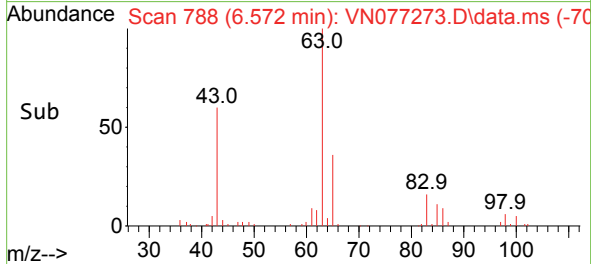
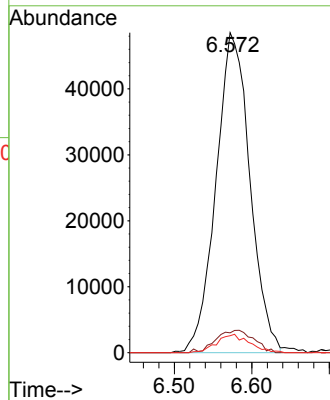
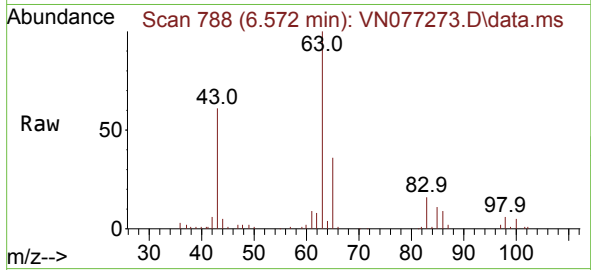




#21
1,1-Dichloroethane
Concen: 10.504 ug/l
RT: 6.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

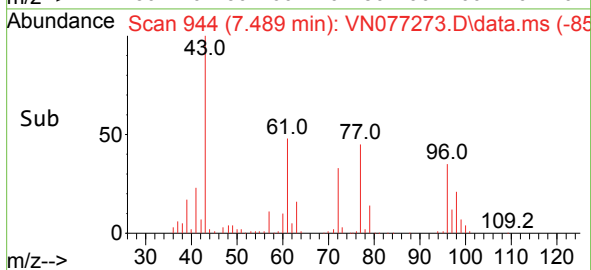
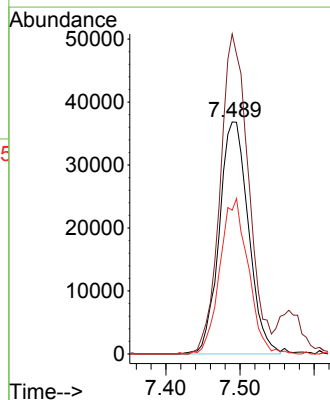
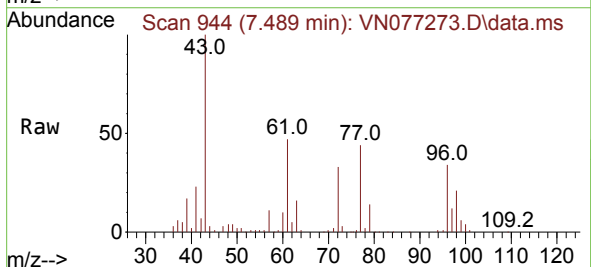
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

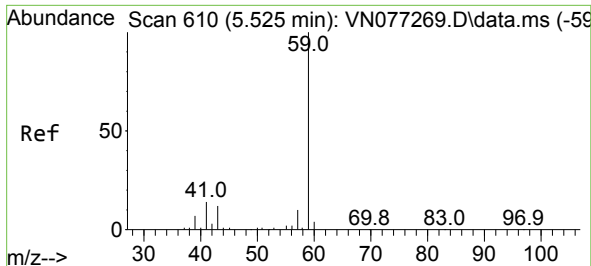
Tgt Ion: 63 Resp: 147488
Ion Ratio Lower Upper
63 100
98 6.2 3.9 11.7
100 5.3 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 10.532 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 96 Resp: 100799
Ion Ratio Lower Upper
96 100
61 133.9 105.5 158.3
98 64.3 51.8 77.6

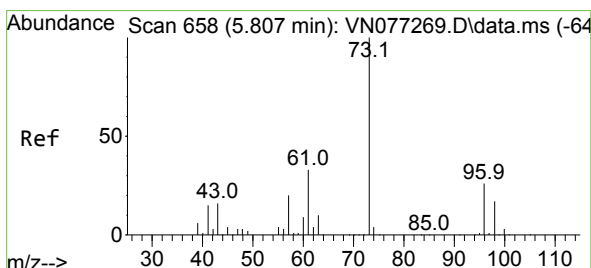
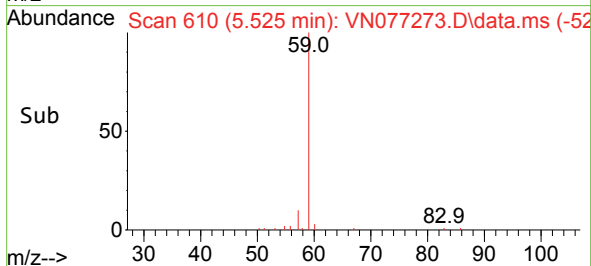
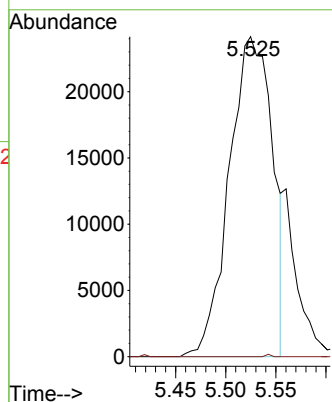
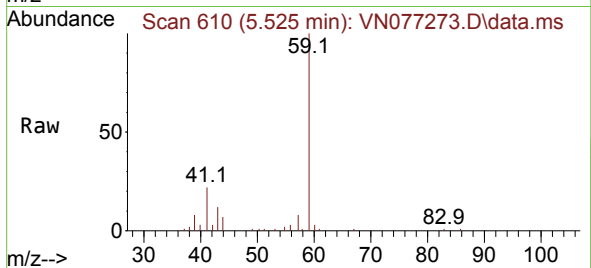




#23
tert-Butyl Alcohol
Concen: 44.300 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

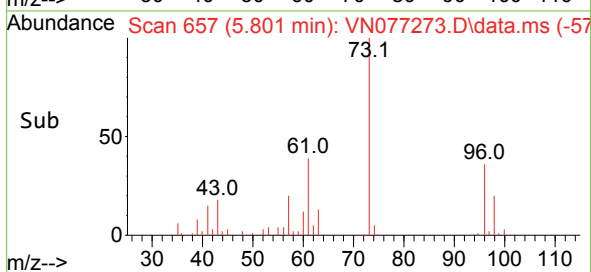
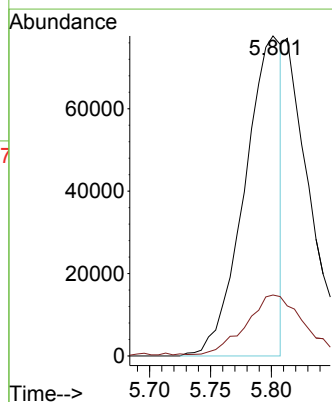
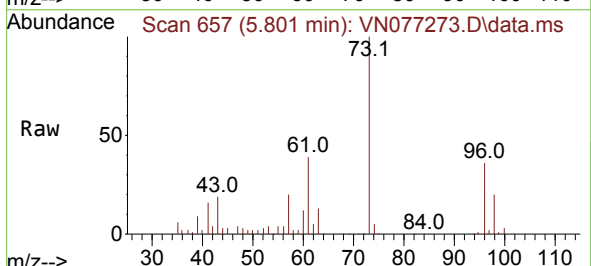
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

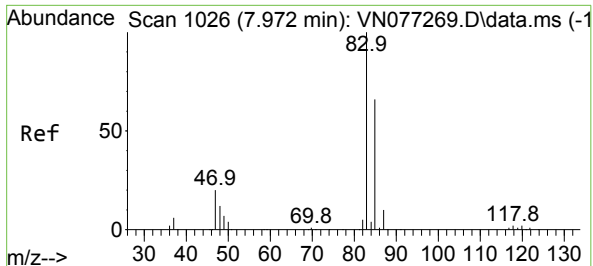
Tgt Ion: 59 Resp: 72430
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1



#24
Methyl tert-Butyl Ether
Concen: 6.307 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 73 Resp: 163948
Ion Ratio Lower Upper
73 100
43 29.3 13.5 20.3#





#25

Chloroform

Concen: 10.577 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

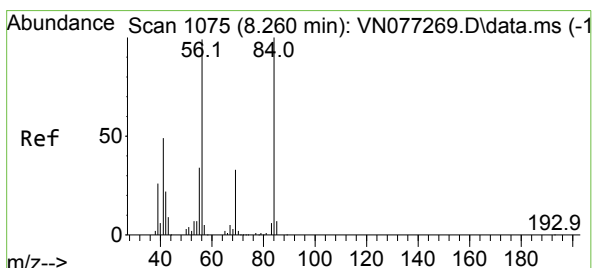
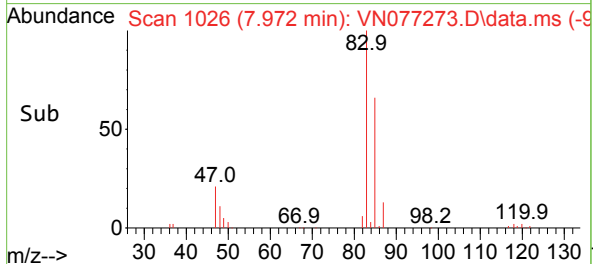
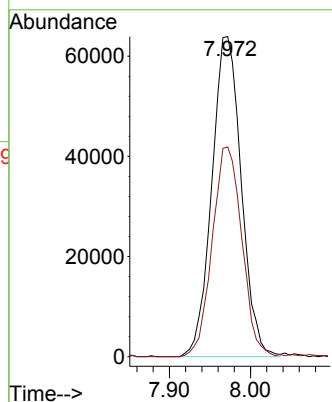
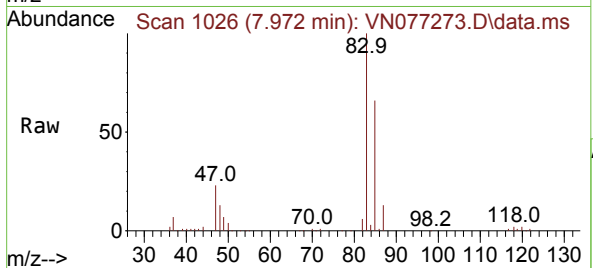
VSTDICC010

Tgt Ion: 83 Resp: 160944

Ion Ratio Lower Upper

83 100

85 65.5 52.9 79.3



#26

Cyclohexane

Concen: 10.576 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

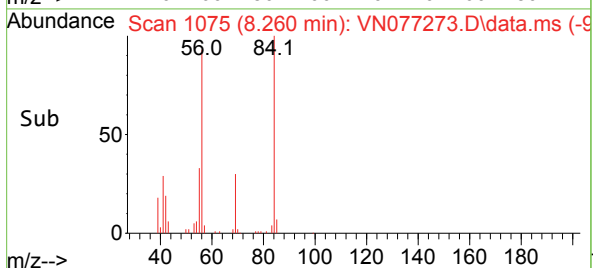
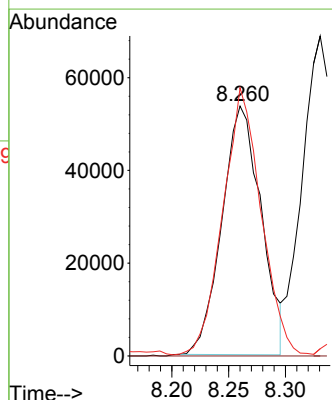
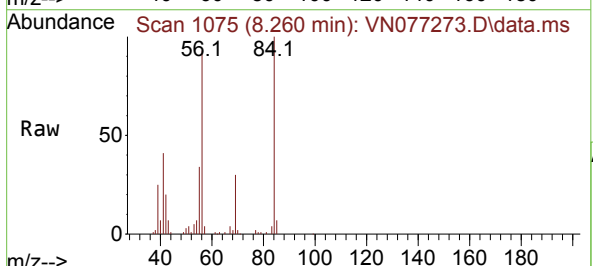
Tgt Ion: 56 Resp: 129032

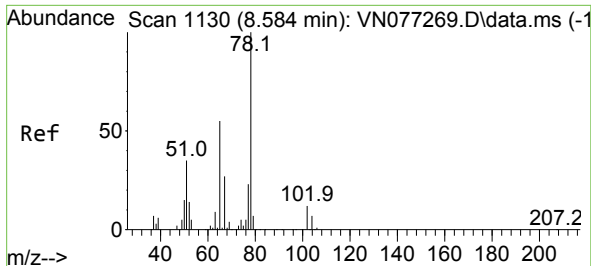
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 105.4 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.147 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

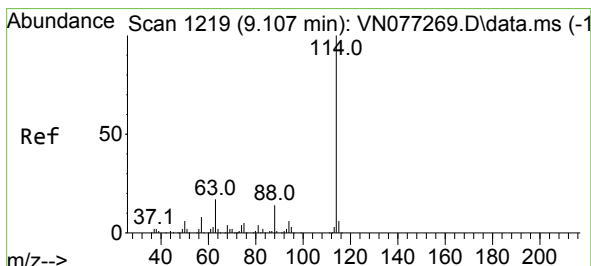
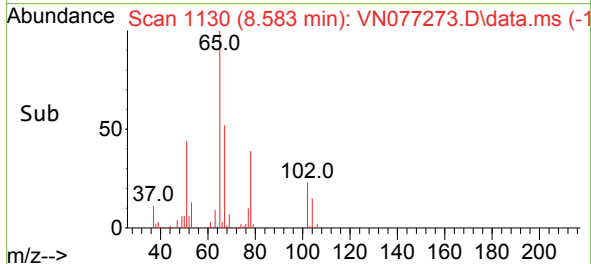
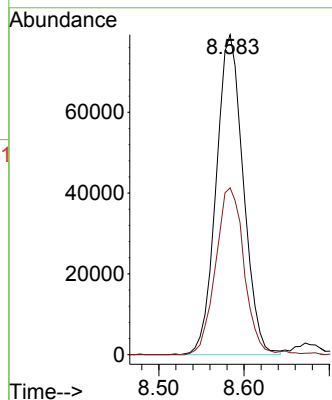
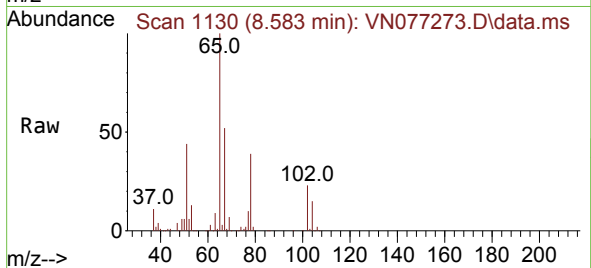
VSTDIC010

Tgt Ion: 65 Resp: 175195

Ion Ratio Lower Upper

65 100

67 54.4 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: VN077273.D

Acq: 07 Apr 2023 12:17

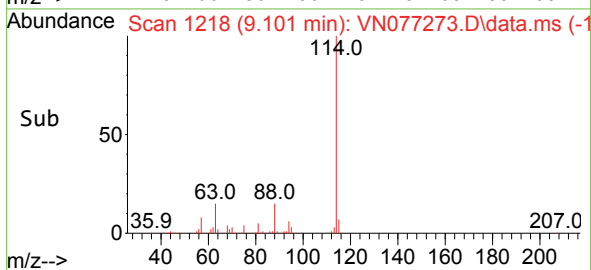
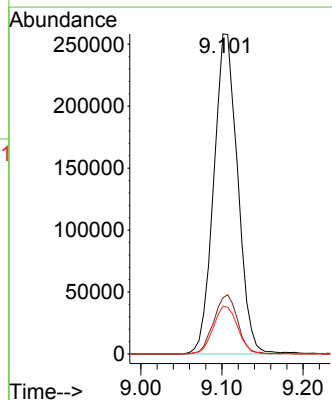
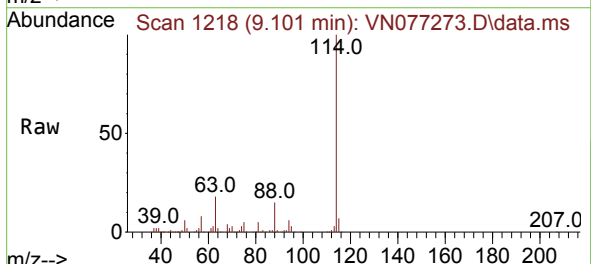
Tgt Ion: 114 Resp: 529669

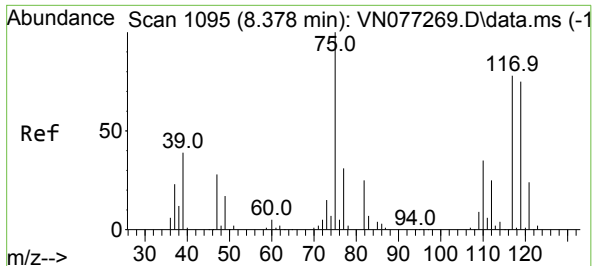
Ion Ratio Lower Upper

114 100

63 18.5 15.0 22.4

88 15.2 11.9 17.9





#29

1,1-Dichloropropene

Concen: 10.223 ug/l

RT: 8.372 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

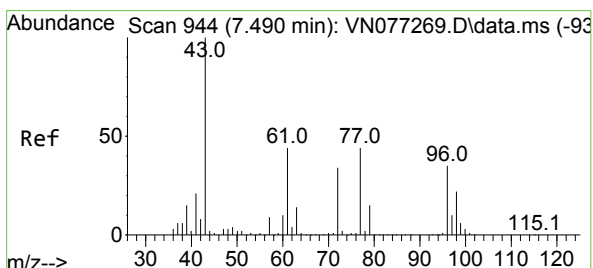
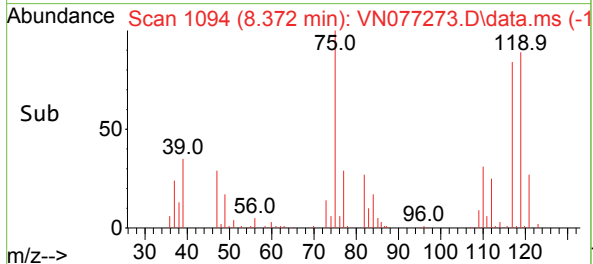
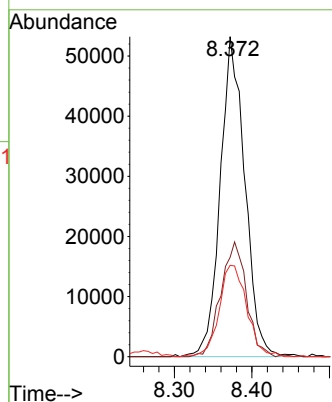
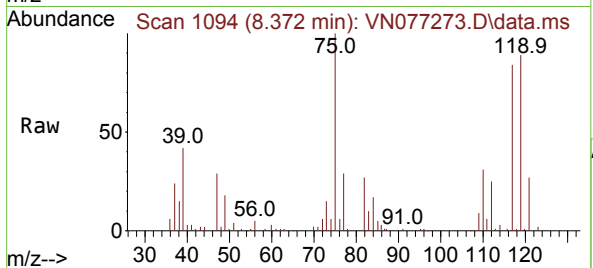
Tgt Ion: 75 Resp: 117298

Ion Ratio Lower Upper

75 100

110 37.2 0.0 72.4

77 31.3 0.0 61.4



#30

2-Butanone

Concen: 48.930 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

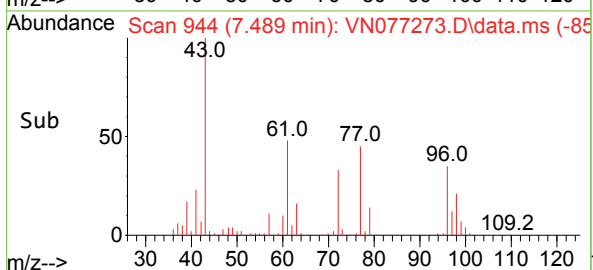
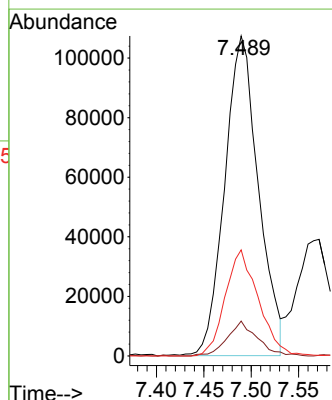
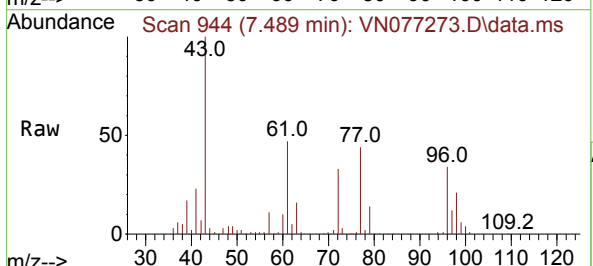
Tgt Ion: 43 Resp: 265494

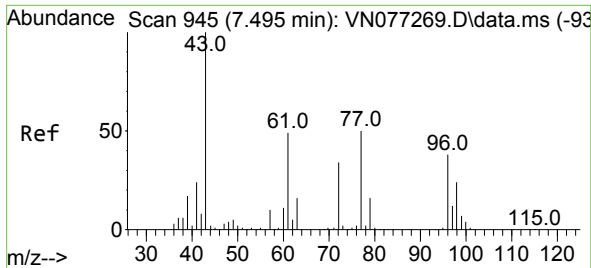
Ion Ratio Lower Upper

43 100

57 8.4 7.5 11.3

72 32.4 26.9 40.3





#31

2,2-Dichloropropane

Concen: 10.142 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

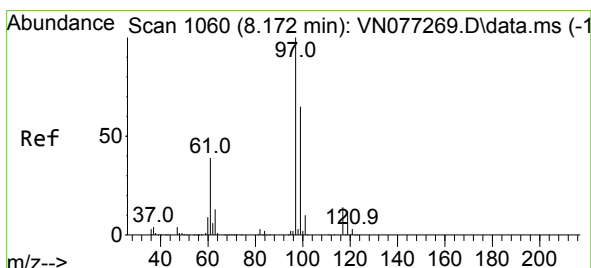
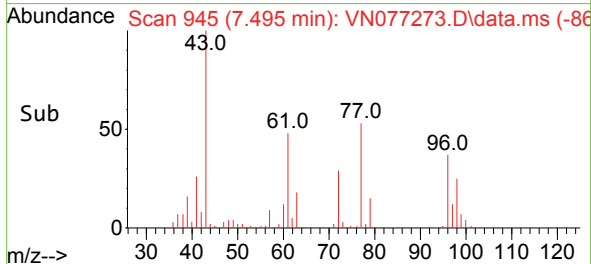
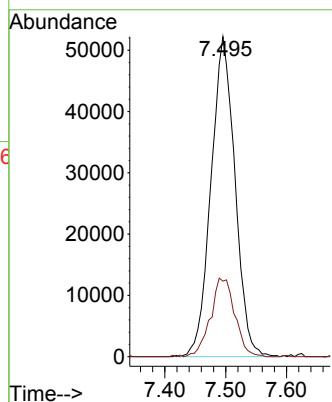
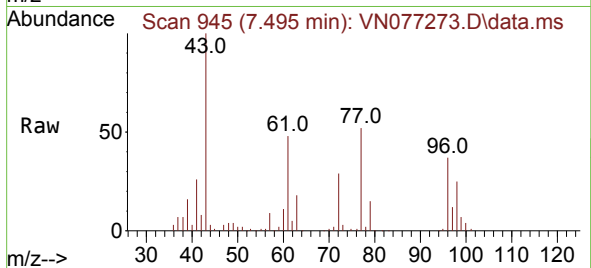
VSTDICC010

Tgt Ion: 77 Resp: 142861

Ion Ratio Lower Upper

77 100

97 24.9 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 10.298 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

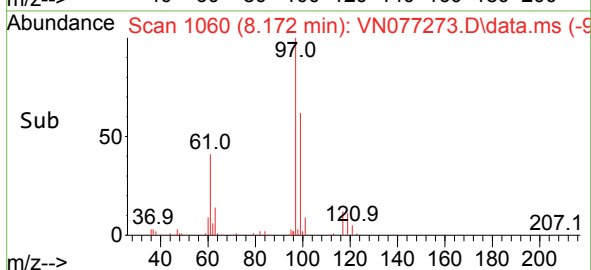
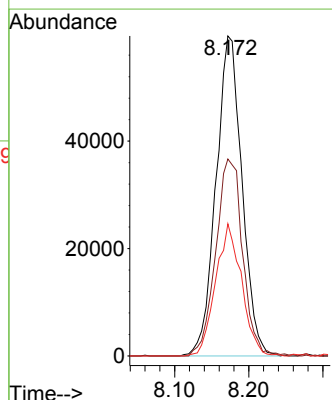
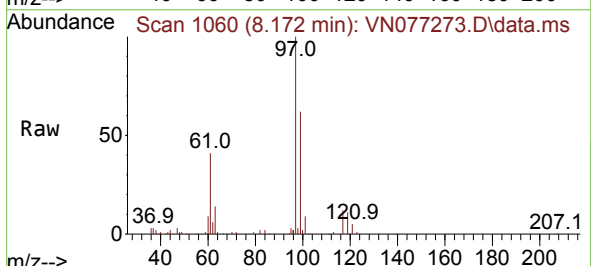
Tgt Ion: 97 Resp: 145417

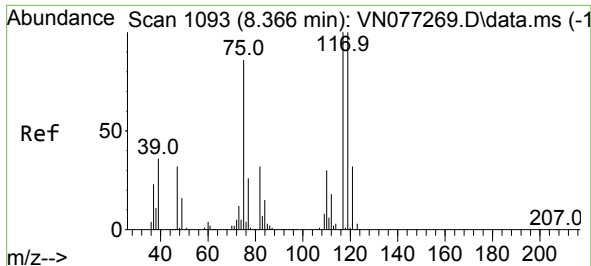
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

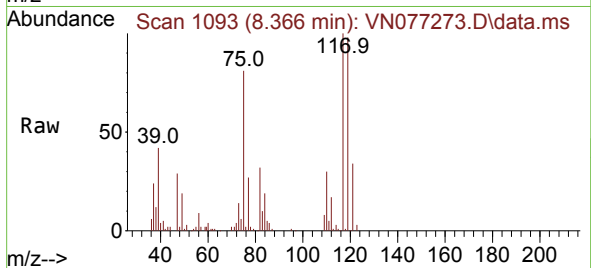
61 41.1 32.4 48.6



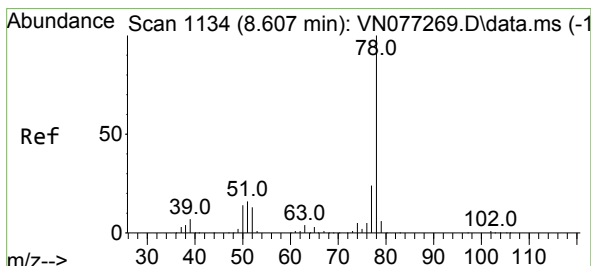
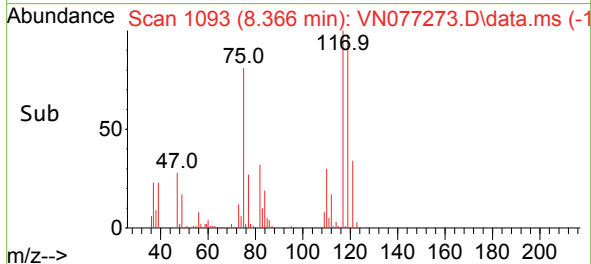
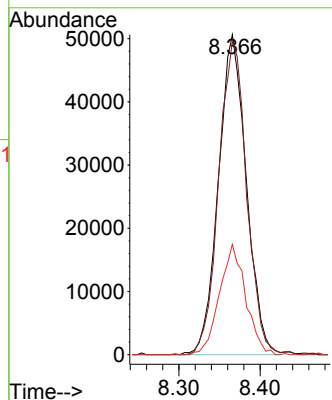


#33
Carbon Tetrachloride
Concen: 10.019 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

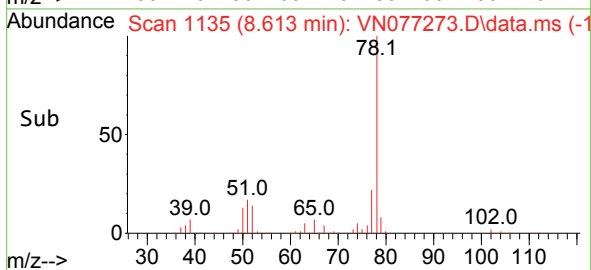
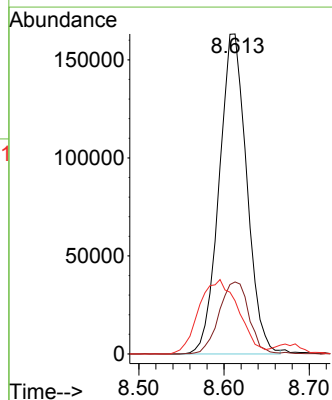
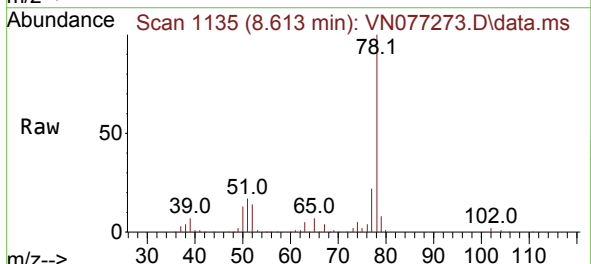


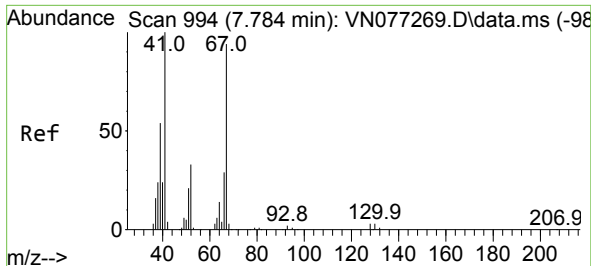
Tgt Ion:117 Resp: 120744
Ion Ratio Lower Upper
117 100
119 98.1 80.2 120.4
121 34.5 26.0 39.0



#34
Benzene
Concen: 10.345 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 78 Resp: 367270
Ion Ratio Lower Upper
78 100
77 22.5 19.4 29.0
51 15.4 12.6 19.0

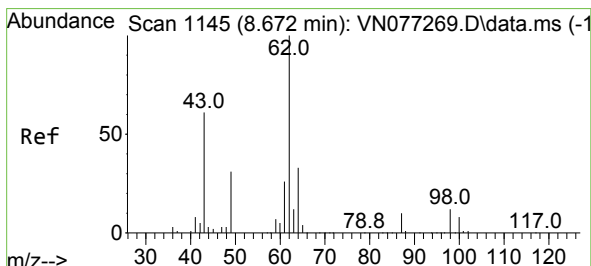
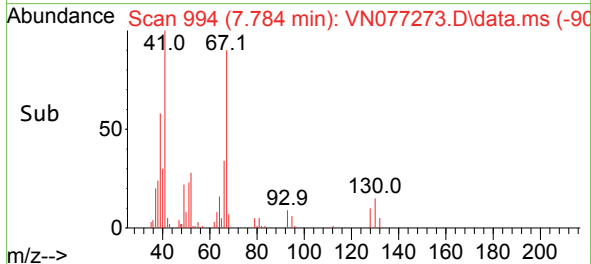
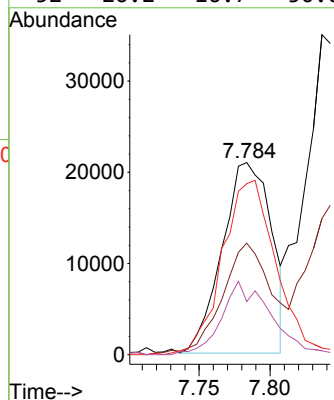
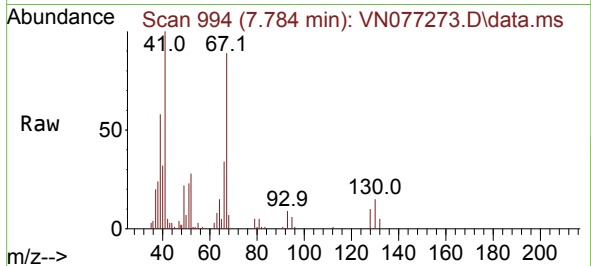




#35
Methacrylonitrile
Concen: 9.839 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

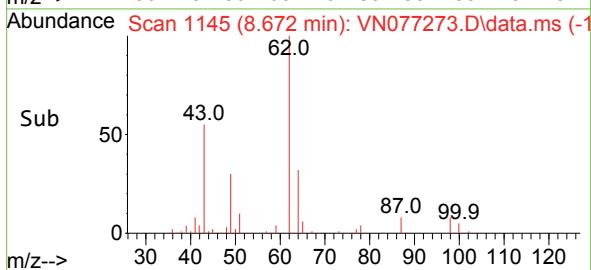
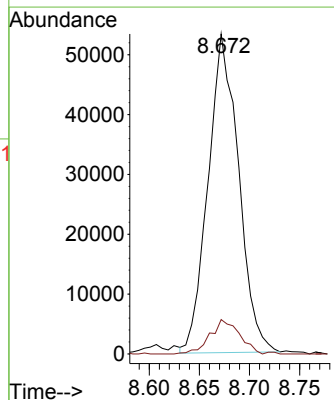
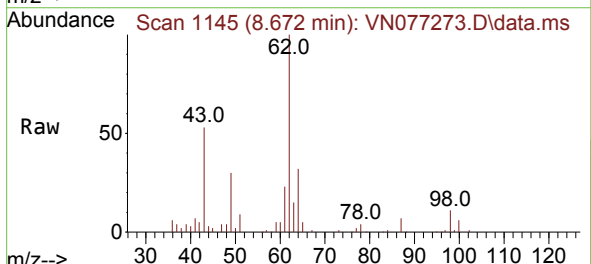
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

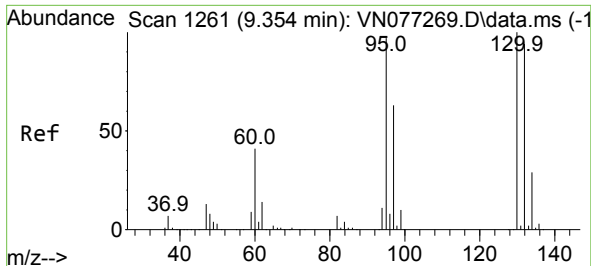
Tgt Ion:	41	Resp:	50292
Ion Ratio	Lower	Upper	
41	100		
39	56.7	27.1	81.2
67	87.7	46.8	140.4
52	26.2	16.7	50.0



#36
1,2-Dichloroethane
Concen: 10.134 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion:	62	Resp:	112802
Ion Ratio	Lower	Upper	
62	100		
98	10.4	8.3	12.5

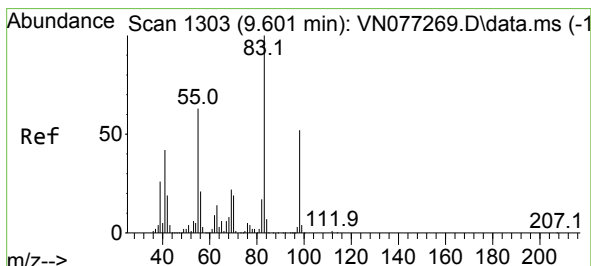
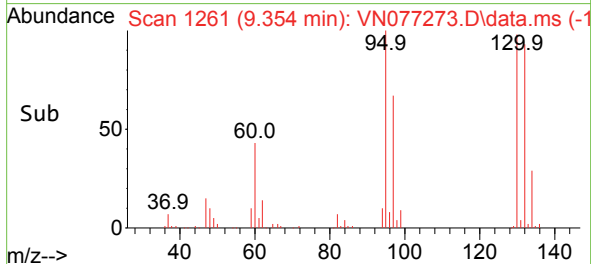
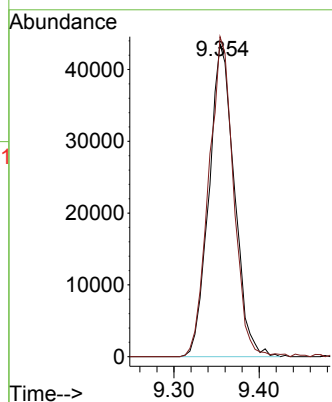
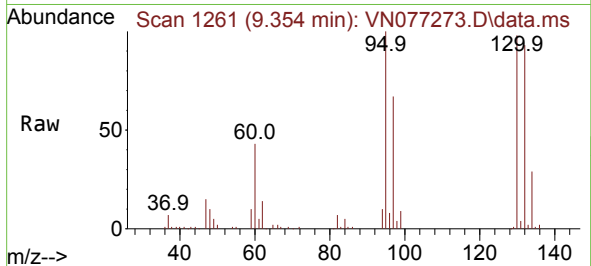




#37
Trichloroethene
Concen: 10.365 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

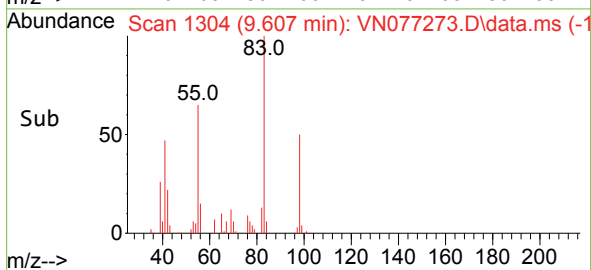
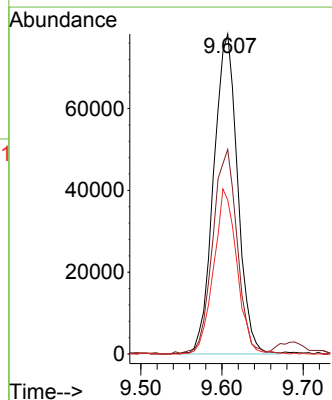
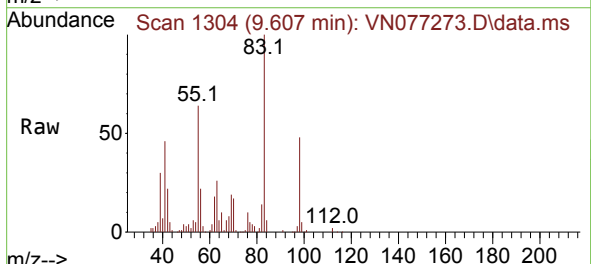
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

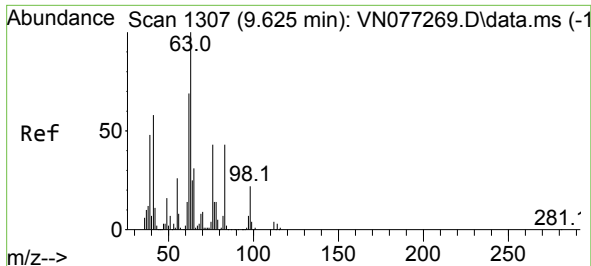
Tgt Ion:130 Resp: 90006
Ion Ratio Lower Upper
130 100
95 102.4 77.5 116.3



#38
Methylcyclohexane
Concen: 10.319 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 83 Resp: 160581
Ion Ratio Lower Upper
83 100
55 64.0 32.0 96.2
98 49.8 25.3 75.9





#39

1,2-Dichloropropane

Concen: 10.236 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

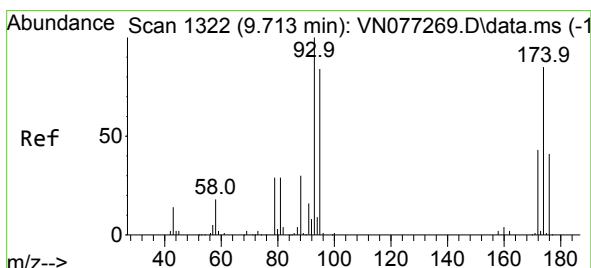
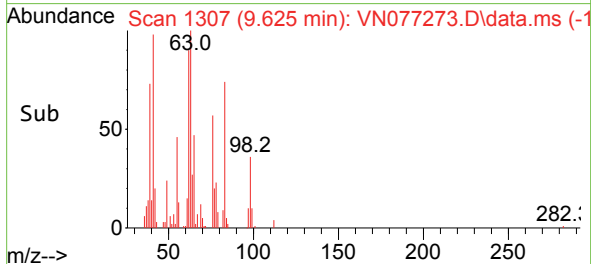
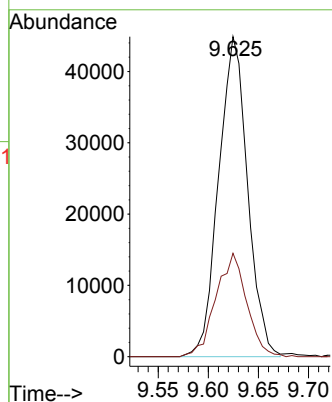
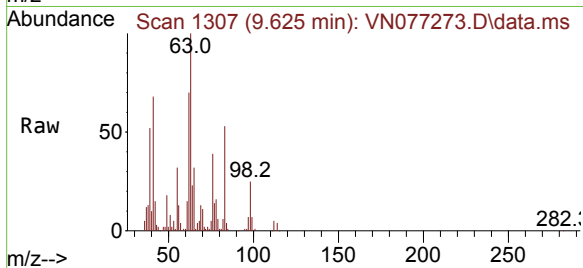
VSTDICC010

Tgt Ion: 63 Resp: 90210

Ion Ratio Lower Upper

63 100

65 32.3 24.8 37.2



#40

Dibromomethane

Concen: 10.252 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

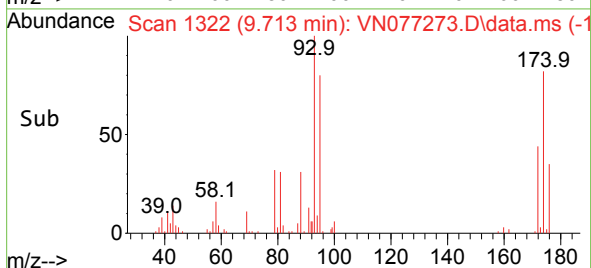
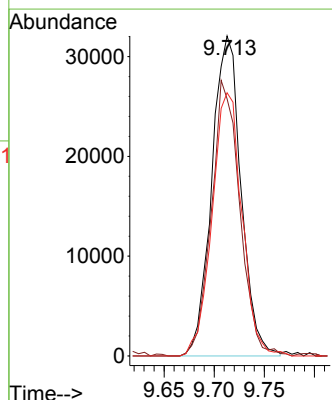
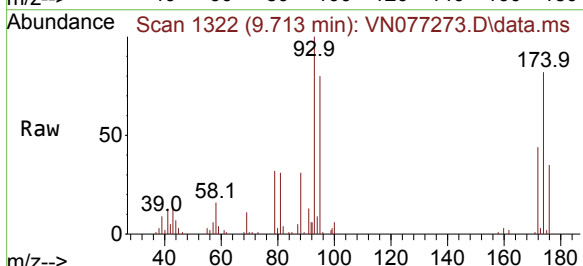
Tgt Ion: 93 Resp: 65100

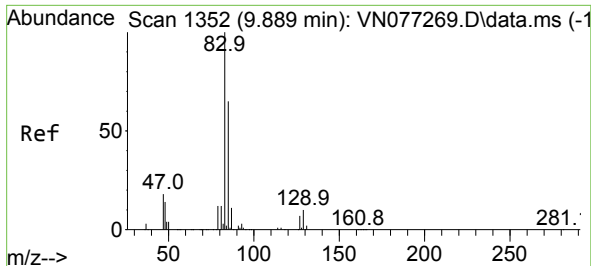
Ion Ratio Lower Upper

93 100

95 82.8 0.0 166.4

174 83.6 0.0 164.8

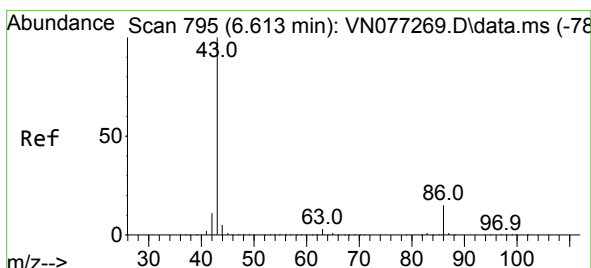
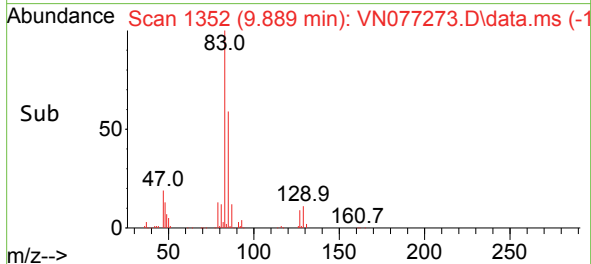
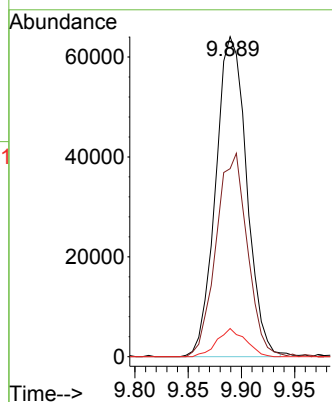
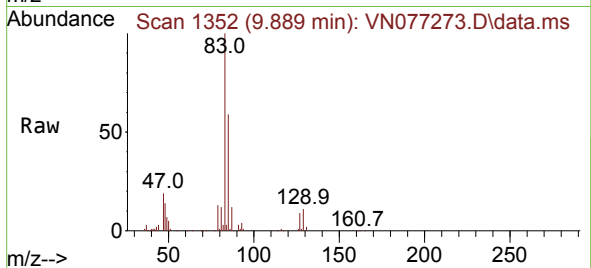




#41
Bromodichloromethane
Concen: 10.251 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

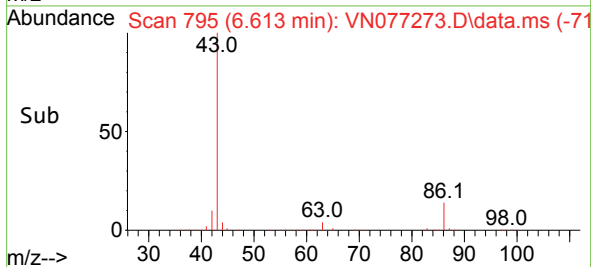
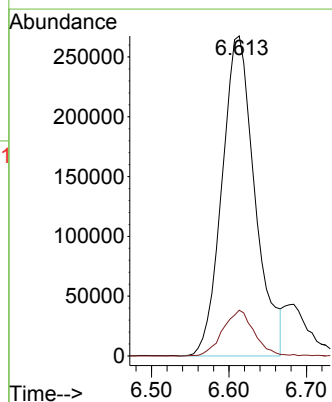
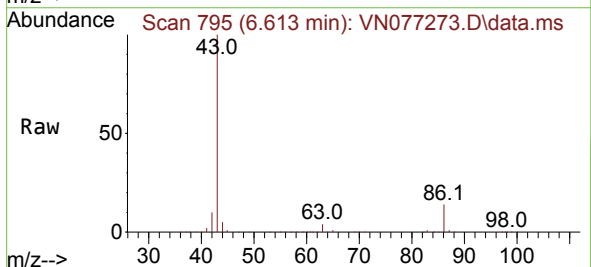
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

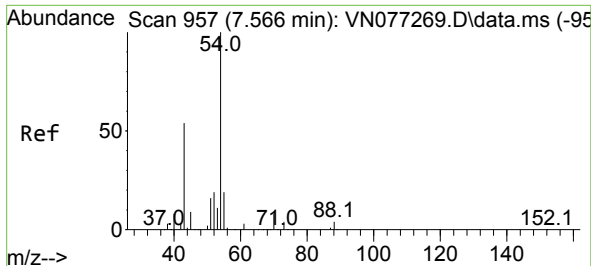
Tgt Ion: 83 Resp: 129803
Ion Ratio Lower Upper
83 100
85 58.7 52.3 78.5
127 8.8 5.9 8.9



#42
Vinyl Acetate
Concen: 50.476 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 43 Resp: 792657
Ion Ratio Lower Upper
43 100
86 13.2 0.0 0.0#

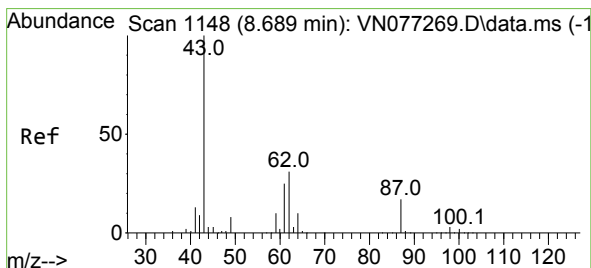
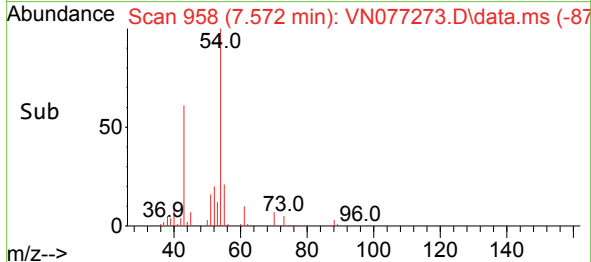
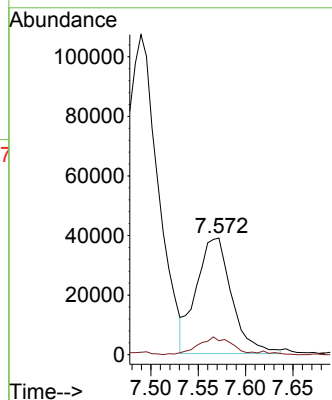
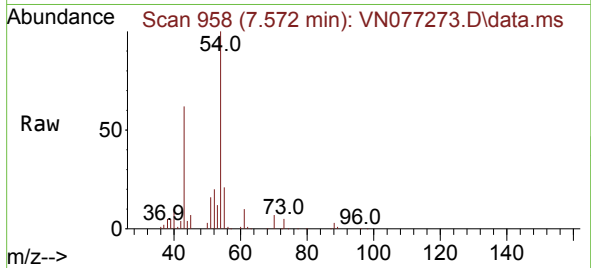




#43
Ethyl Acetate
Concen: 10.054 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

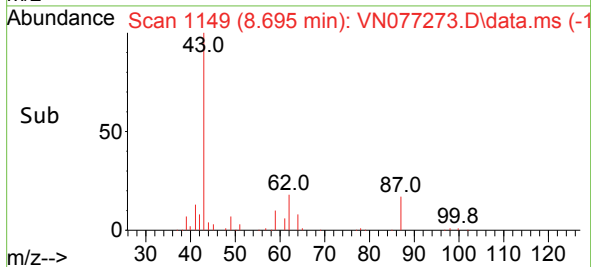
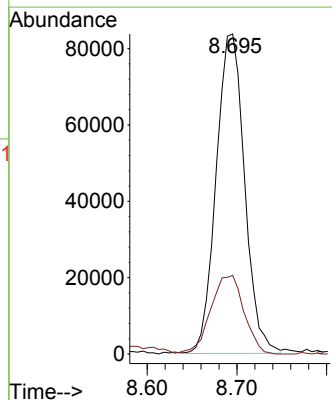
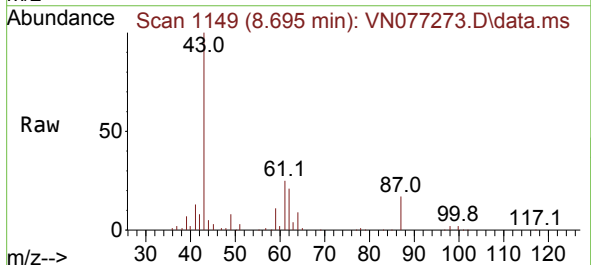
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

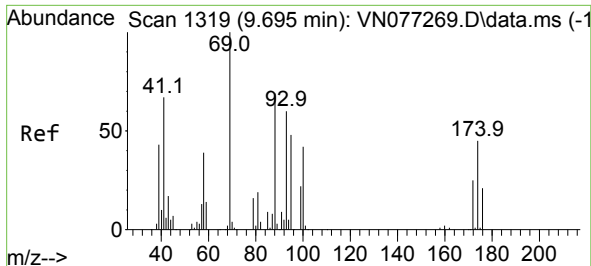
Tgt Ion: 43 Resp: 100927
Ion Ratio Lower Upper
43 100
45 14.6 12.3 18.5



#44
Isopropyl Acetate
Concen: 10.253 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 43 Resp: 184281
Ion Ratio Lower Upper
43 100
61 28.8 0.0 0.0#

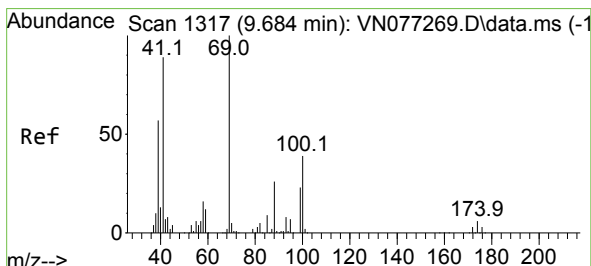
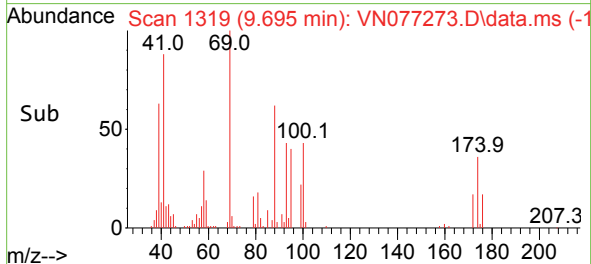
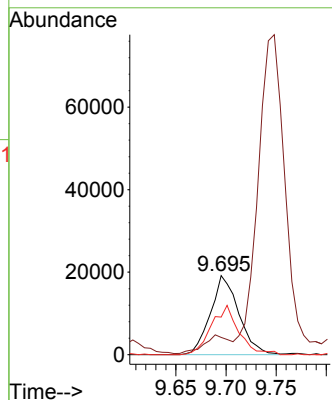
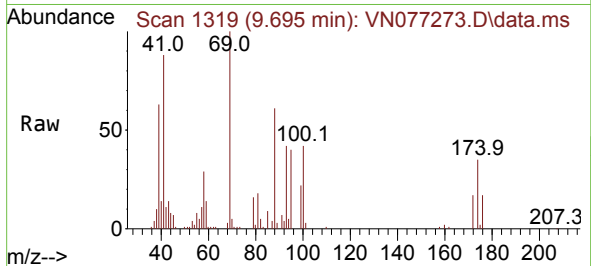




#45
1,4-Dioxane
Concen: 198.717 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

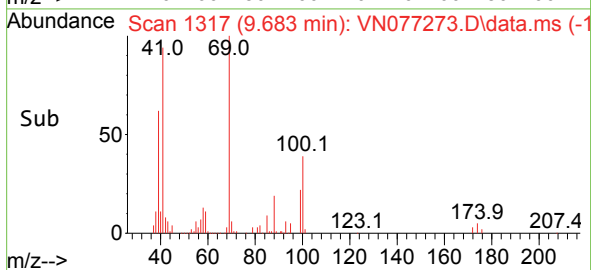
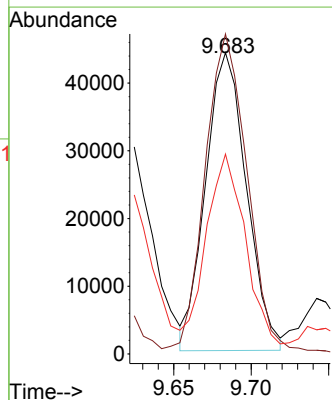
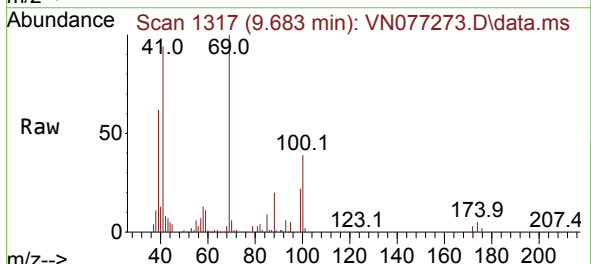
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

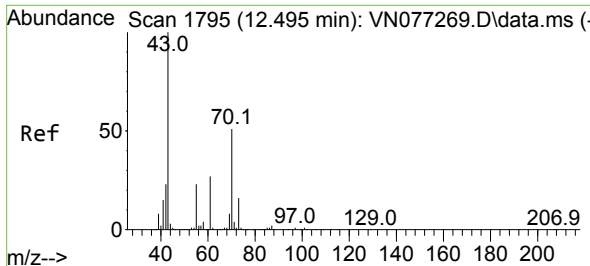
Tgt Ion: 88 Resp: 37669
Ion Ratio Lower Upper
88 100
43 21.0 17.4 26.0
58 60.0 48.2 72.4



#46
Methyl methacrylate
Concen: 10.433 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 41 Resp: 80740
Ion Ratio Lower Upper
41 100
69 108.1 54.5 163.5
39 66.5 33.4 100.2

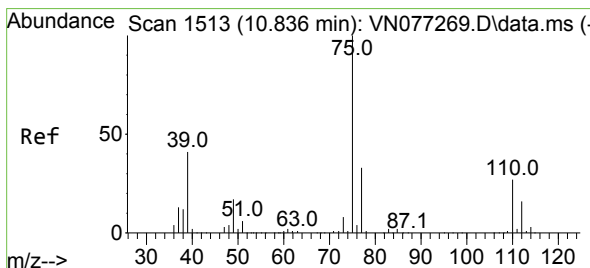
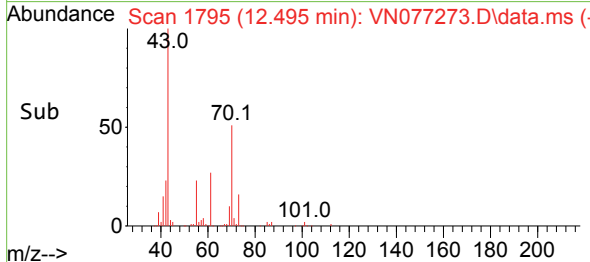
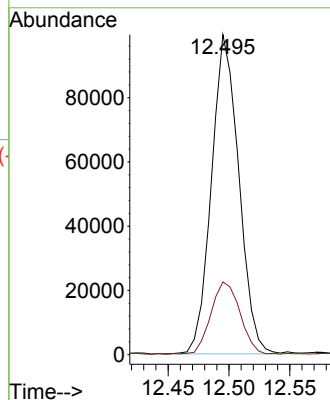
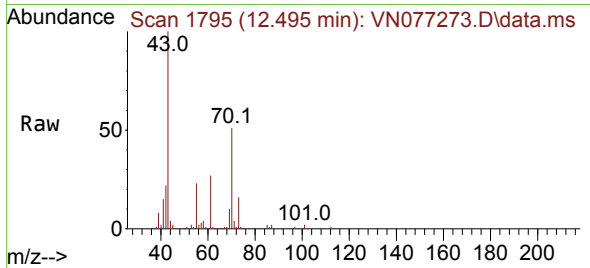




#47
n-amyl acetate
Concen: 9.890 ug/l
RT: 12.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

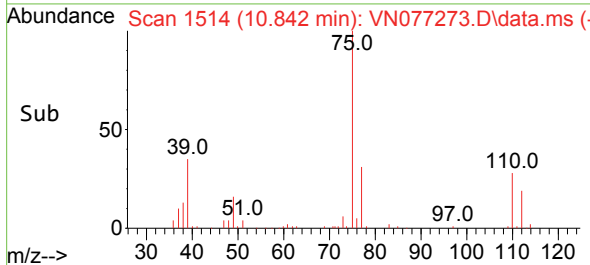
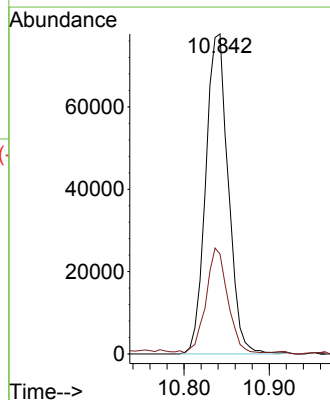
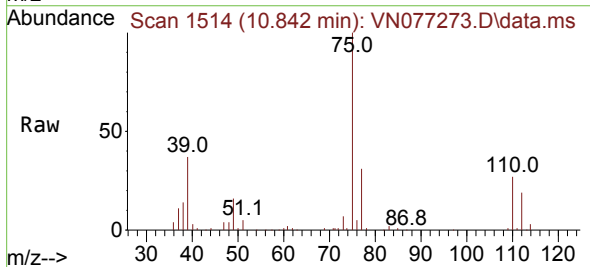
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

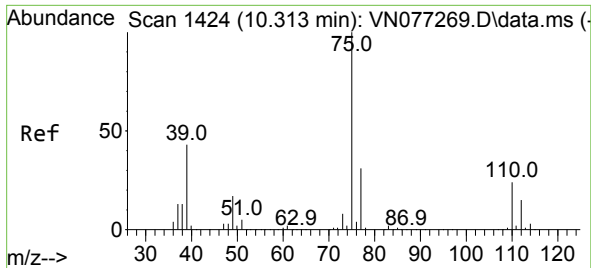
Tgt Ion: 43 Resp: 155346
Ion Ratio Lower Upper
43 100
55 23.9 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 10.084 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 75 Resp: 142902
Ion Ratio Lower Upper
75 100
77 30.4 26.5 39.7

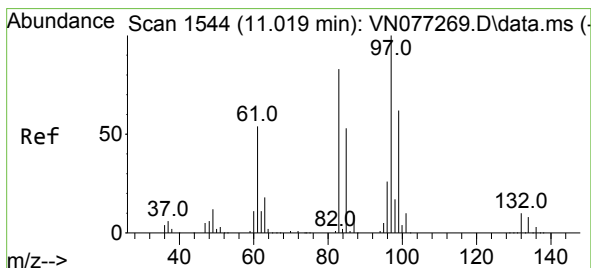
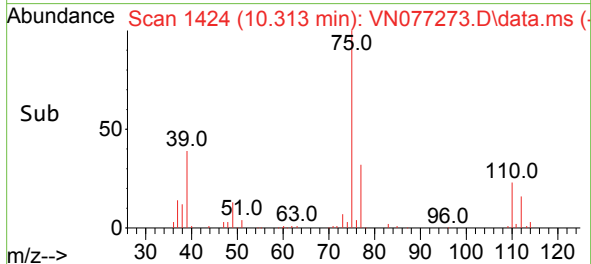
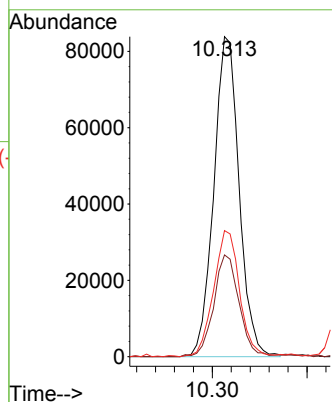
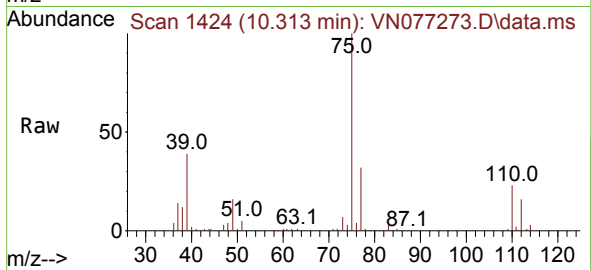




#49
 cis-1,3-Dichloropropene
 Concen: 10.321 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

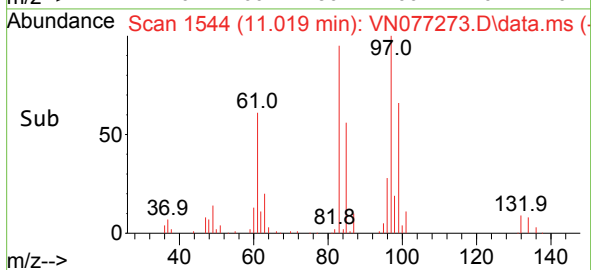
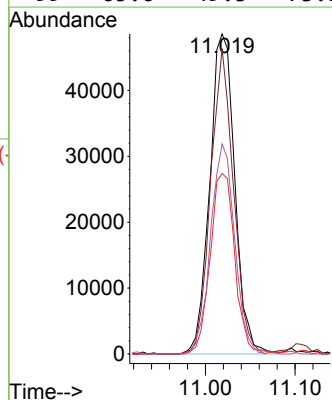
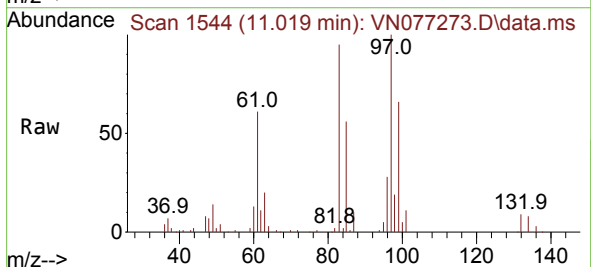
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

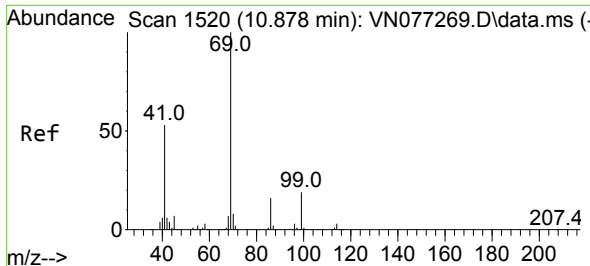
Tgt Ion: 75 Resp: 155602
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 39.4 34.4 51.6



#50
 1,1,2-Trichloroethane
 Concen: 10.211 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

Tgt Ion: 97 Resp: 94185
 Ion Ratio Lower Upper
 97 100
 83 95.4 66.7 100.1
 85 56.4 42.4 63.6
 99 65.6 49.3 73.9

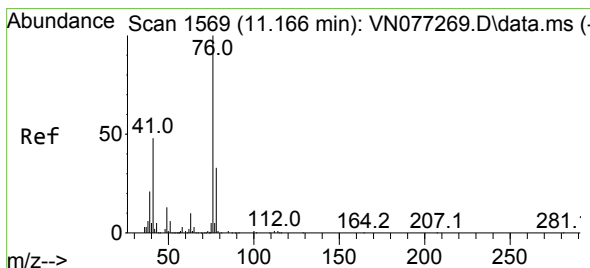
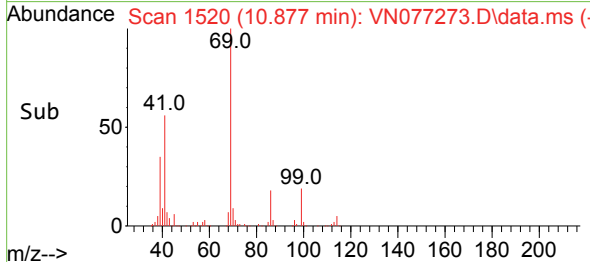
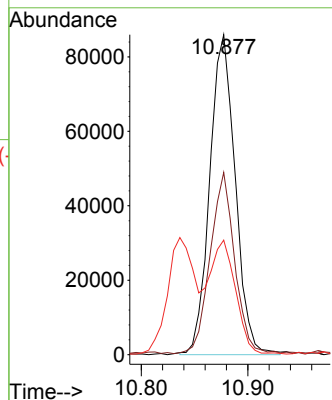
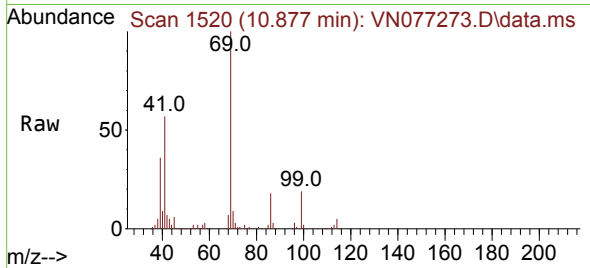




#51
Ethyl methacrylate
Concen: 10.078 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

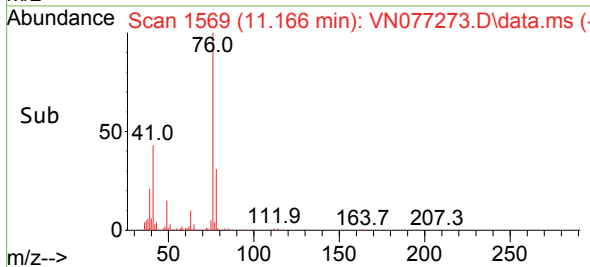
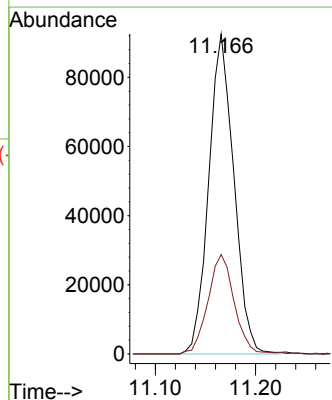
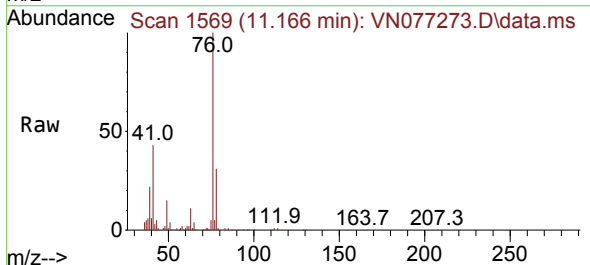
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

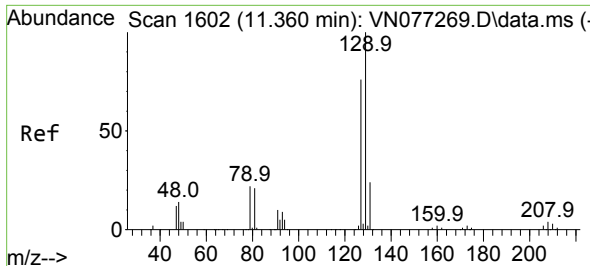
Tgt Ion: 69 Resp: 142755
Ion Ratio Lower Upper
69 100
41 56.8 26.7 80.0
39 35.6 17.0 50.9



#52
1,3-Dichloropropane
Concen: 10.476 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 76 Resp: 161273
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.0

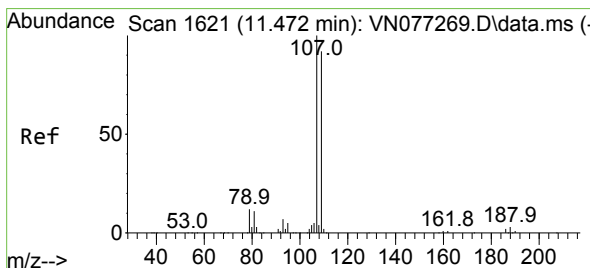
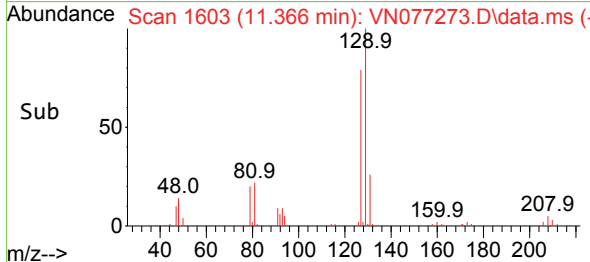
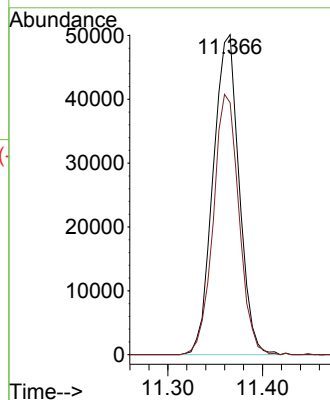
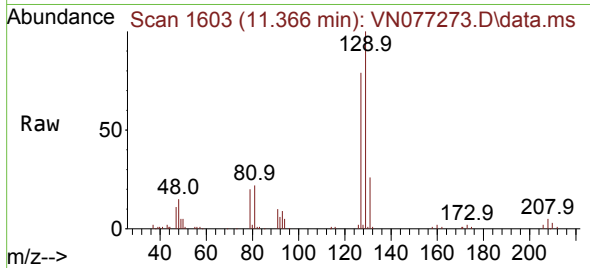




#53
Dibromochloromethane
Concen: 9.834 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

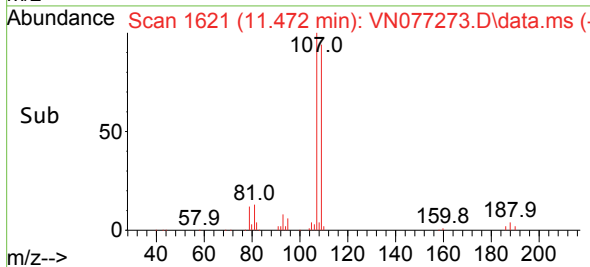
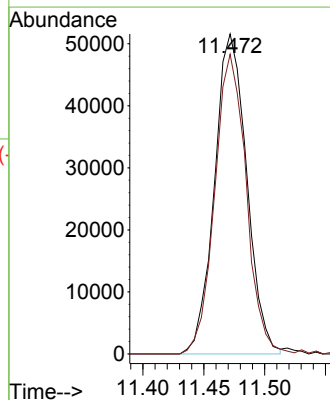
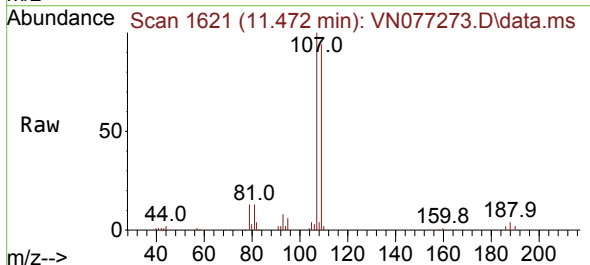
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

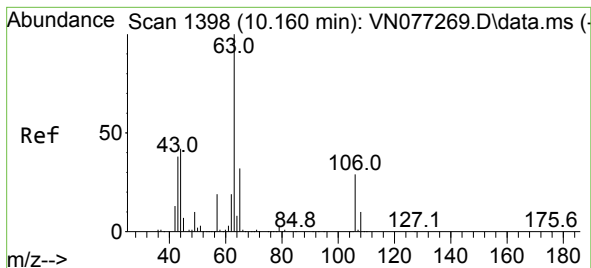
Tgt Ion:129 Resp: 95600
Ion Ratio Lower Upper
129 100
127 80.3 38.6 115.8



#54
1,2-Dibromoethane
Concen: 10.248 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion:107 Resp: 94893
Ion Ratio Lower Upper
107 100
109 91.4 74.1 111.1

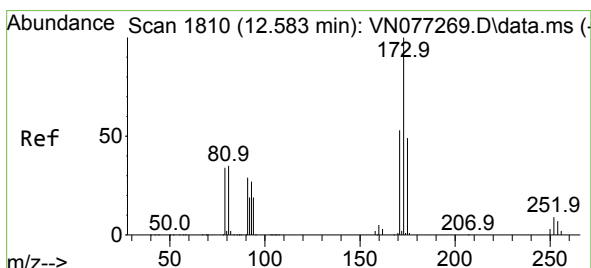
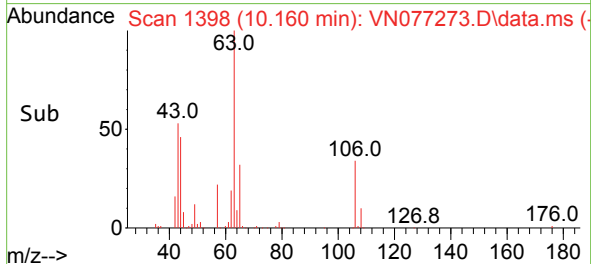
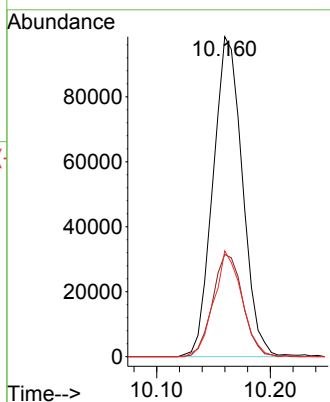
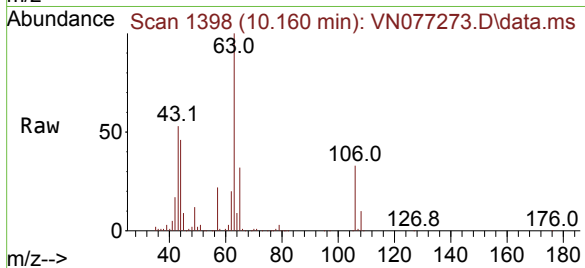




#55
2-Chloroethyl vinyl ether
Concen: 40.529 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

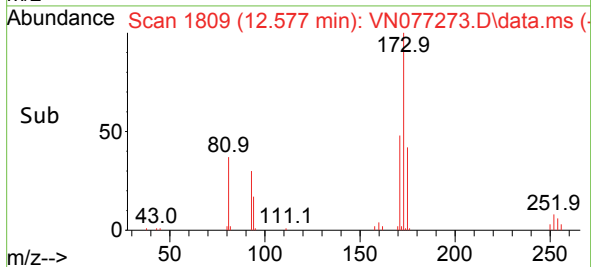
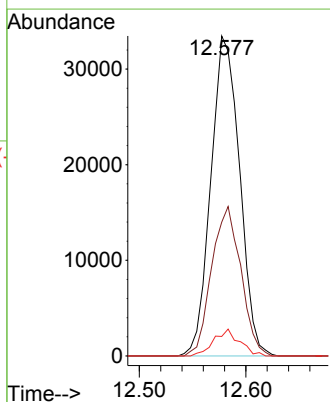
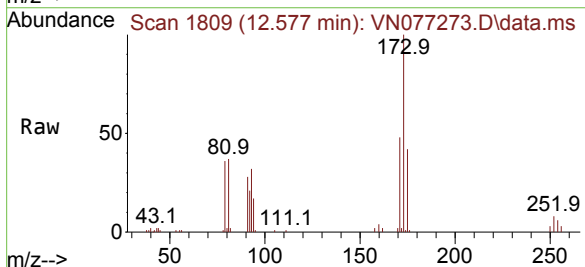
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

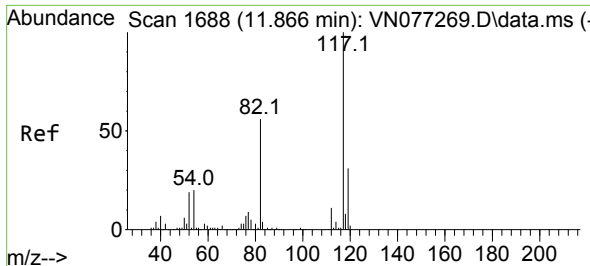
Tgt Ion: 63 Resp: 177245
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 31.6 24.0 36.0



#56
Bromoform
Concen: 9.601 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

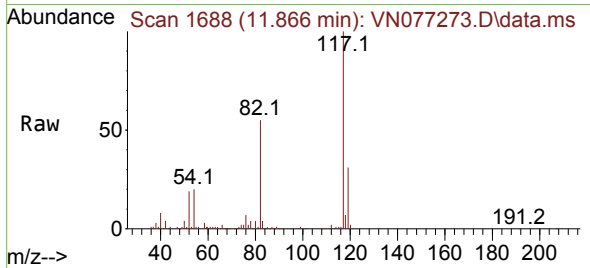
Tgt Ion: 173 Resp: 62700
Ion Ratio Lower Upper
173 100
175 47.5 38.2 57.2
254 7.5 6.0 9.0



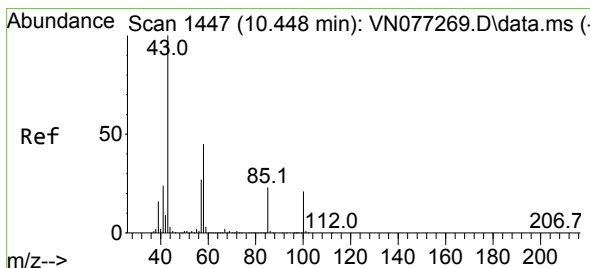
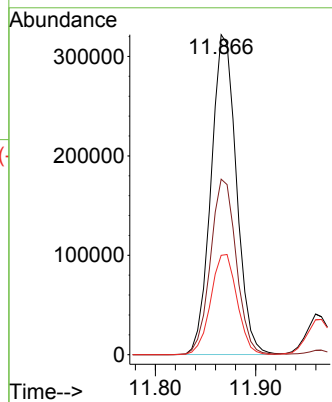
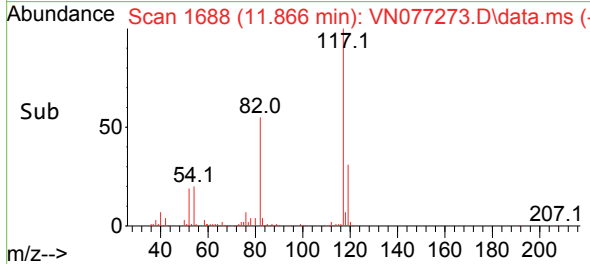


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

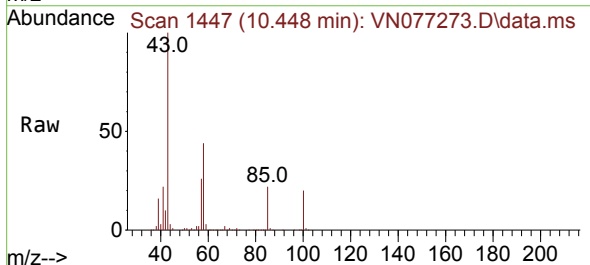
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



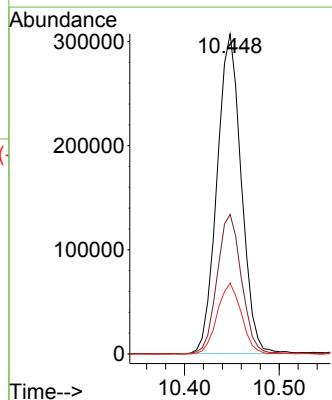
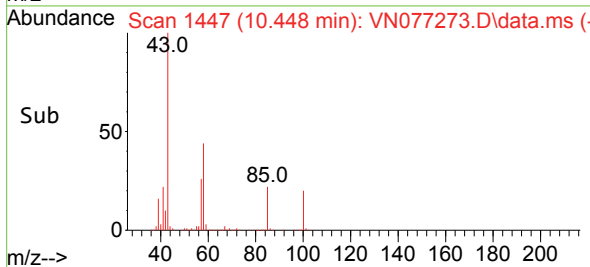
Tgt Ion:117 Resp: 565419
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.5 25.4 38.0

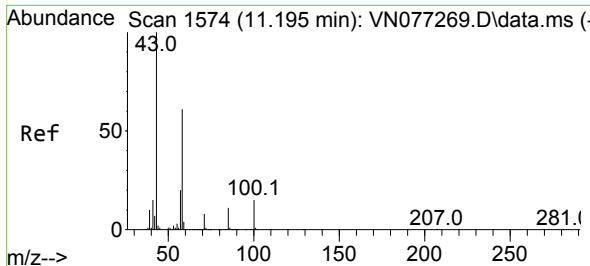


#58
4-Methyl-2-Pentanone
Concen: 51.623 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



Tgt Ion: 43 Resp: 546511
Ion Ratio Lower Upper
43 100
58 44.1 34.7 52.1
85 22.0 17.8 26.8

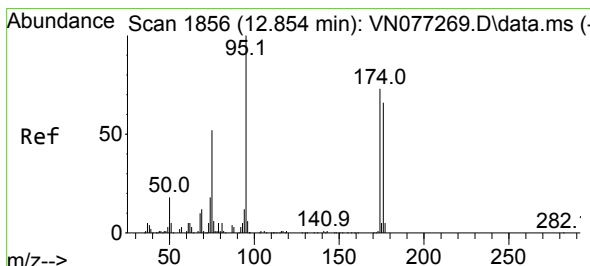
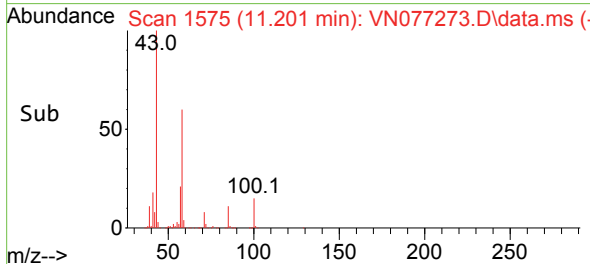
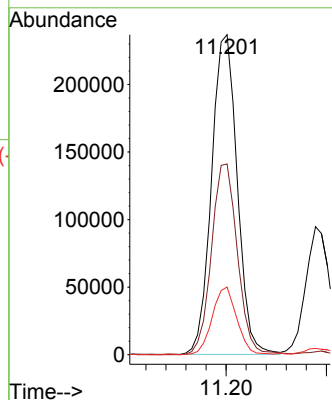
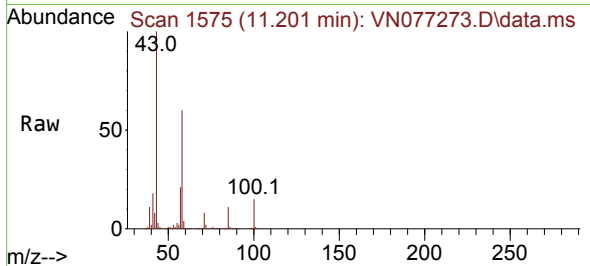




#59
2-Hexanone
Concen: 51.404 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

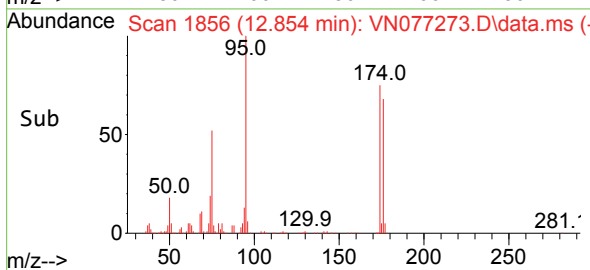
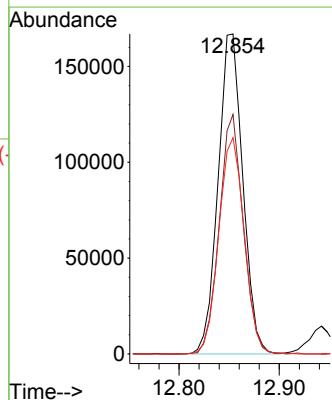
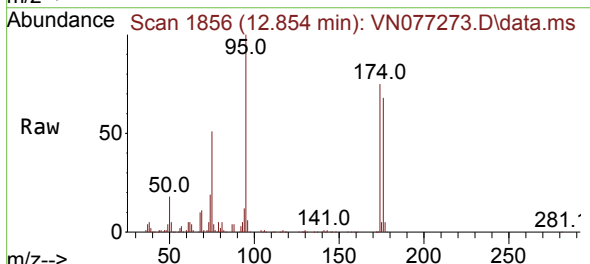
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

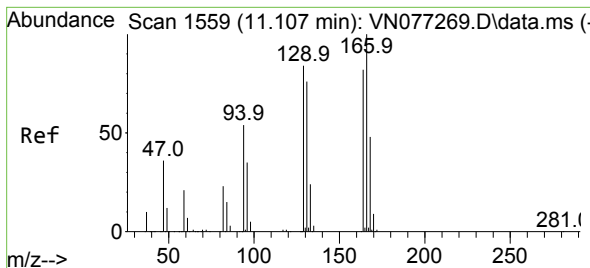
Tgt Ion: 43 Resp: 420640
Ion Ratio Lower Upper
43 100
58 60.4 48.6 73.0
57 20.3 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 29.283 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 95 Resp: 286299
Ion Ratio Lower Upper
95 100
174 72.3 57.8 86.8
176 69.3 54.6 81.8





#61

Tetrachloroethene

Concen: 10.616 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:164 Resp: 71394

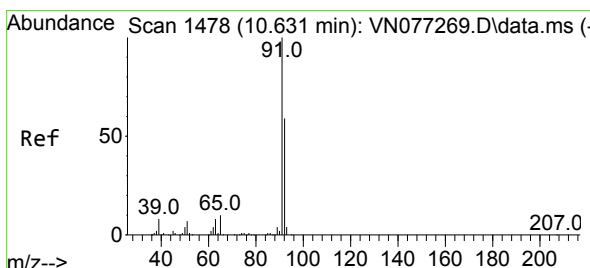
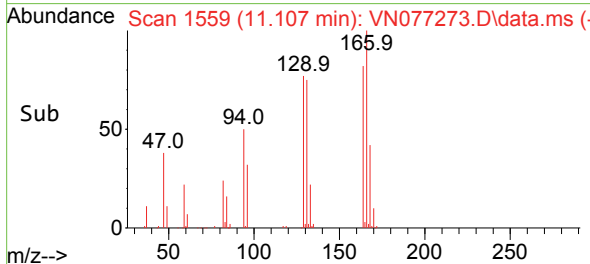
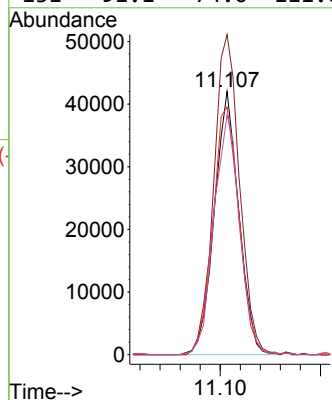
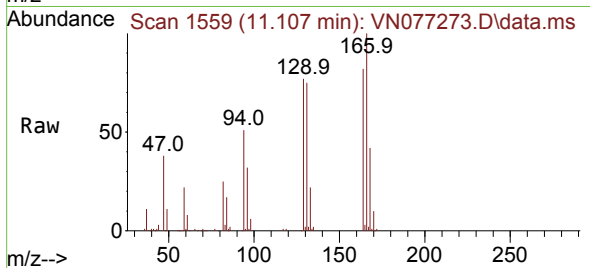
Ion Ratio Lower Upper

164 100

166 121.6 97.9 146.9

129 94.1 82.5 123.7

131 91.1 74.0 111.0



#62

Toluene

Concen: 10.550 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077273.D

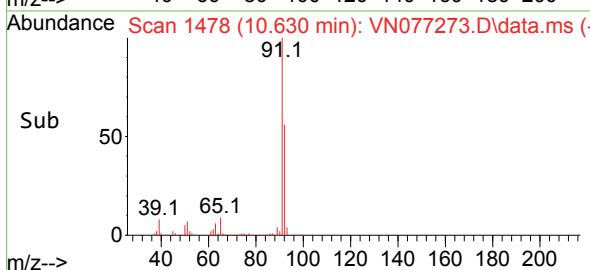
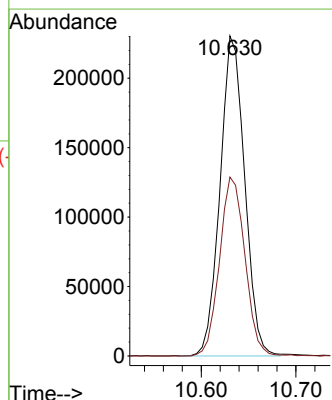
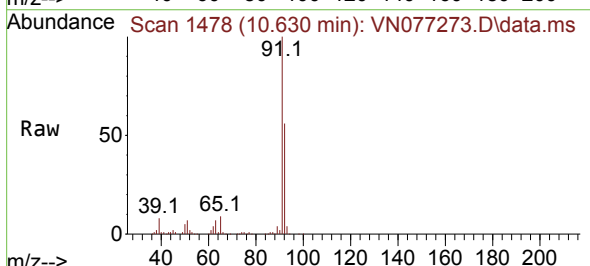
Acq: 07 Apr 2023 12:17

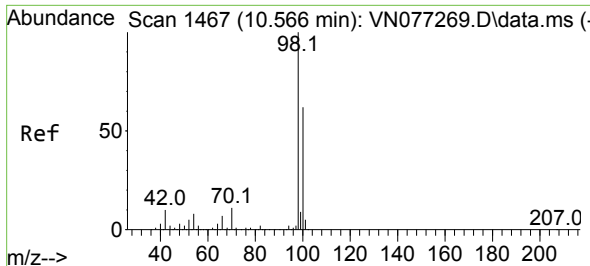
Tgt Ion: 91 Resp: 416209

Ion Ratio Lower Upper

91 100

92 57.5 46.6 70.0

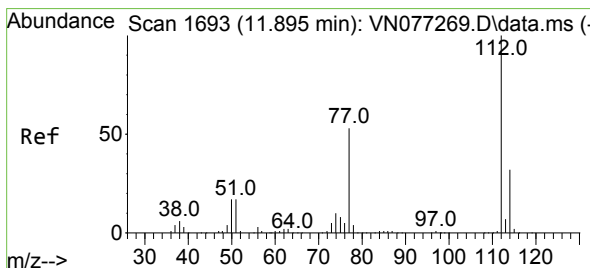
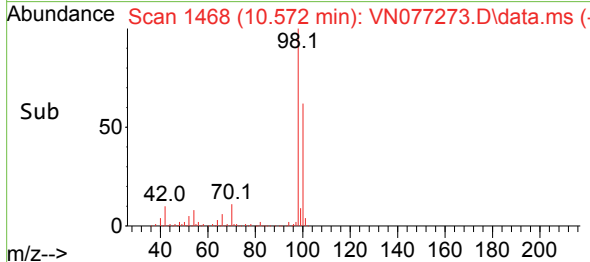
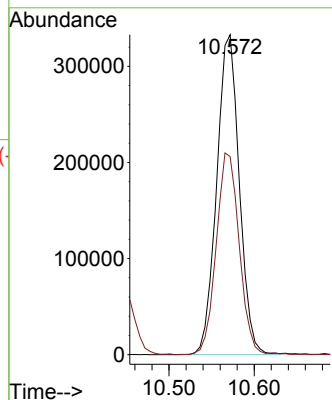
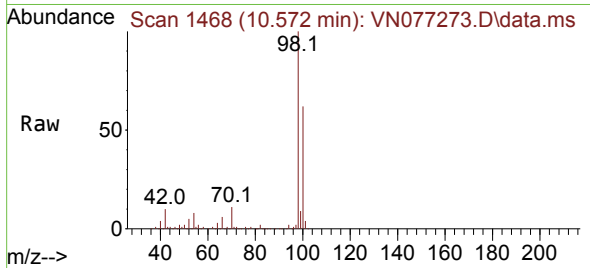




#63
Toluene-d8
Concen: 30.868 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

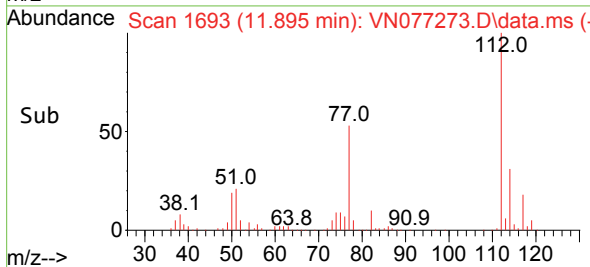
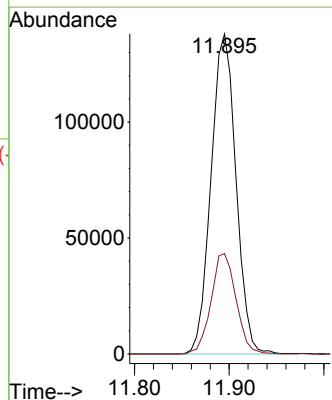
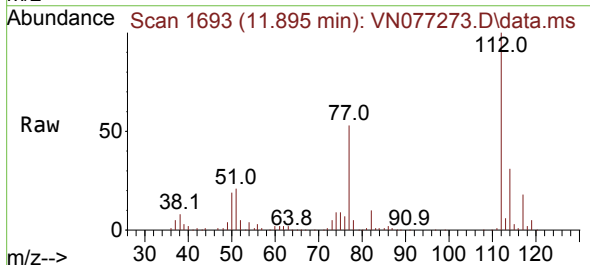
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

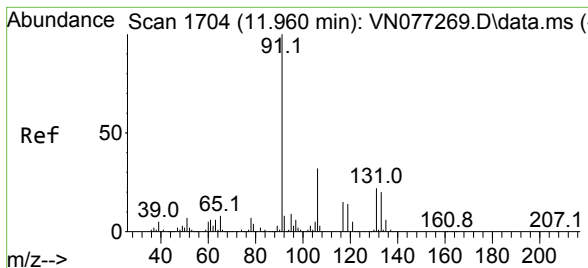
Tgt Ion: 98 Resp: 613563
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.2



#64
Chlorobenzene
Concen: 10.531 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 112 Resp: 252401
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

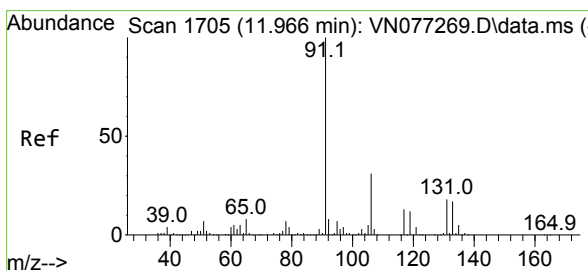
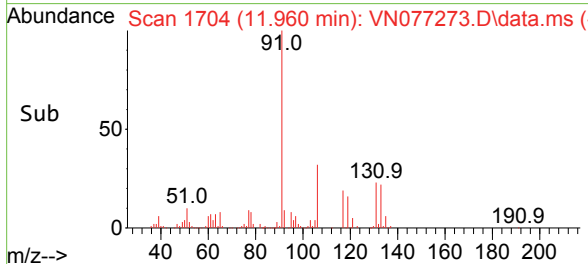
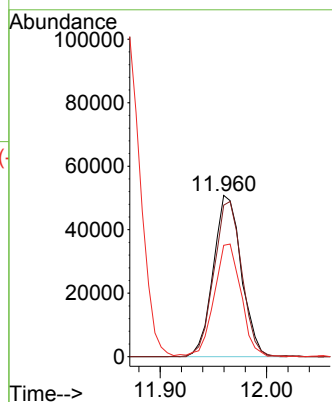
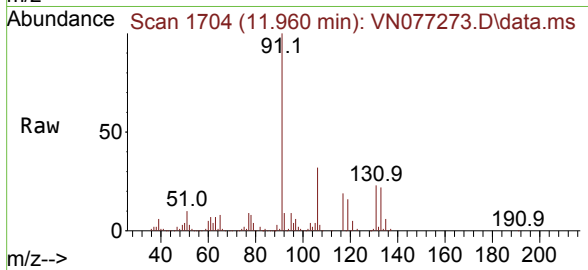




#65
1,1,1,2-Tetrachloroethane
Concen: 10.528 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

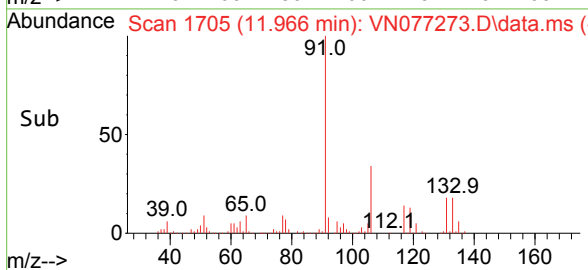
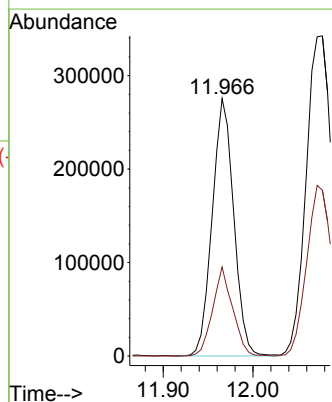
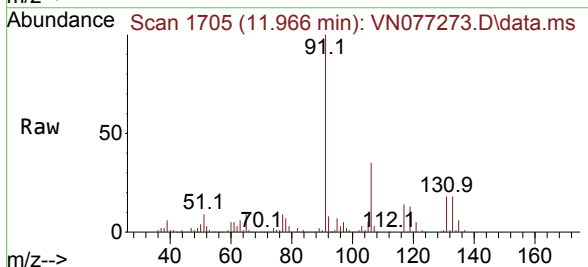
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

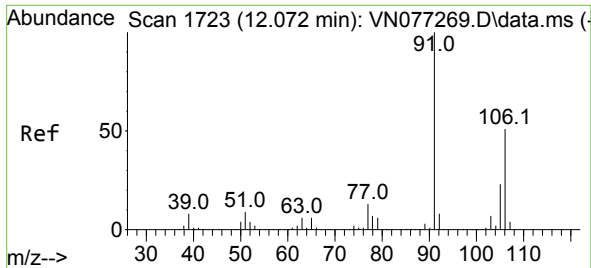
Tgt Ion:131 Resp: 92791
Ion Ratio Lower Upper
131 100
133 95.5 0.0 184.4
119 67.2 0.0 134.8



#66
Ethyl Benzene
Concen: 10.512 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 91 Resp: 459453
Ion Ratio Lower Upper
91 100
106 34.5 25.0 37.6

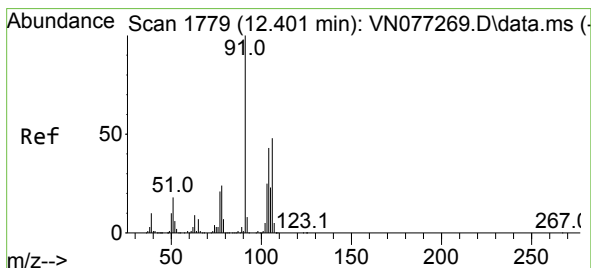
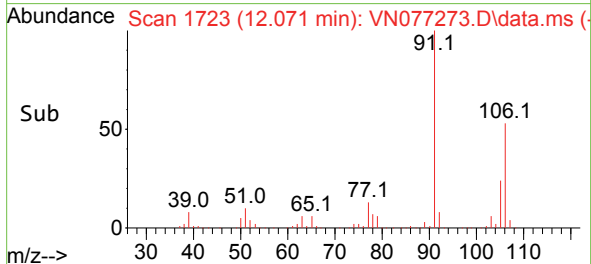
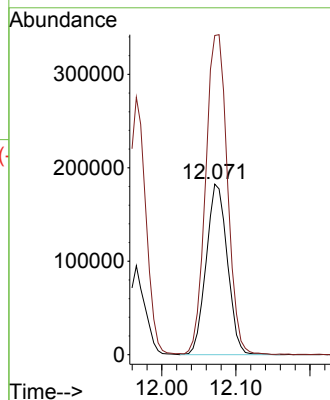
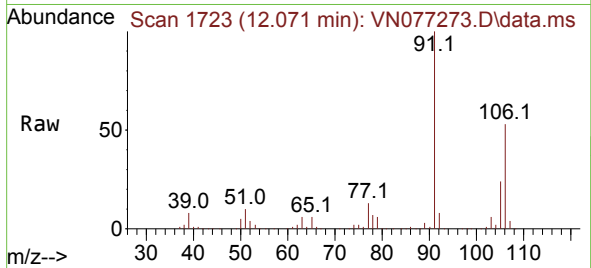




#67
m/p-Xylenes
Concen: 21.189 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

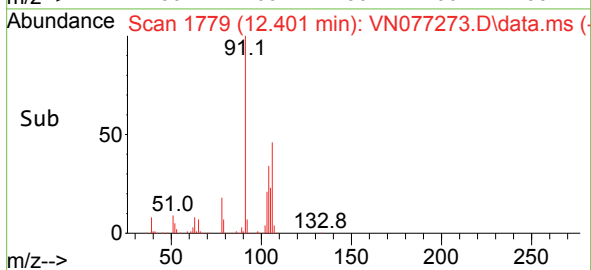
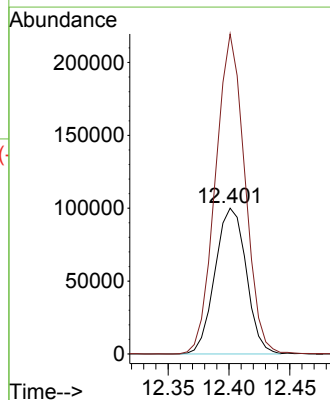
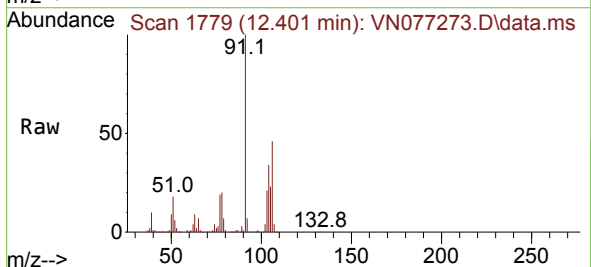
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

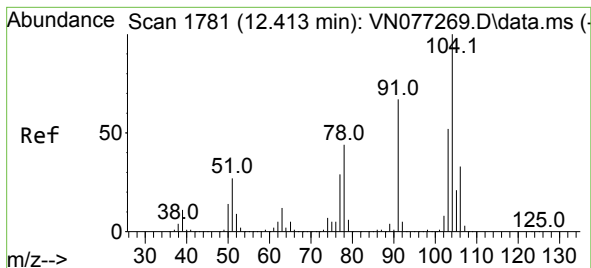
Tgt Ion:106 Resp: 363002
Ion Ratio Lower Upper
106 100
91 192.6 158.0 237.0



#68
o-Xylene
Concen: 10.410 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion:106 Resp: 178411
Ion Ratio Lower Upper
106 100
91 207.5 103.6 310.8





#69

Styrene

Concen: 10.124 ug/l

RT: 12.413 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

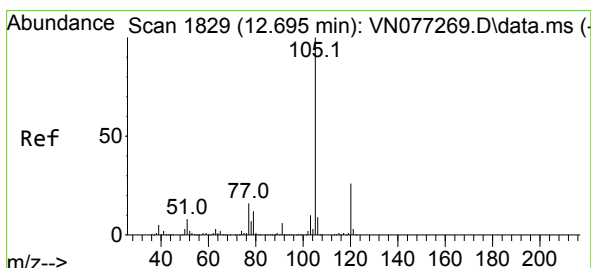
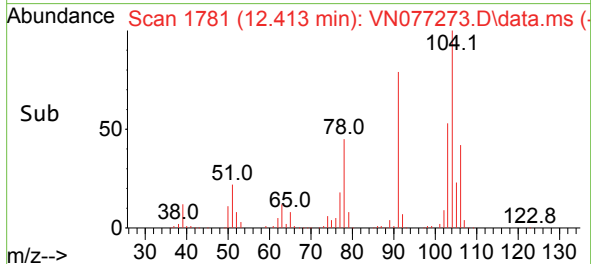
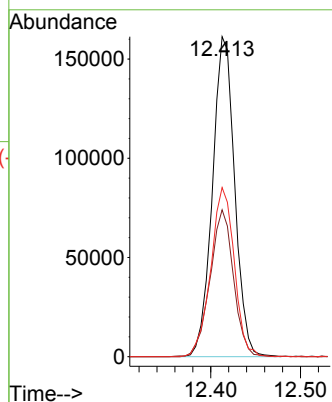
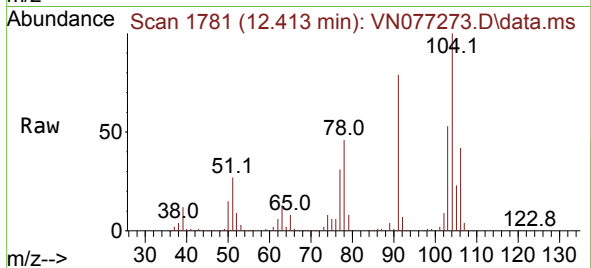
Tgt Ion:104 Resp: 277998

Ion Ratio Lower Upper

104 100

78 48.2 38.2 57.4

103 55.7 43.6 65.4



#70

Isopropylbenzene

Concen: 10.243 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077273.D

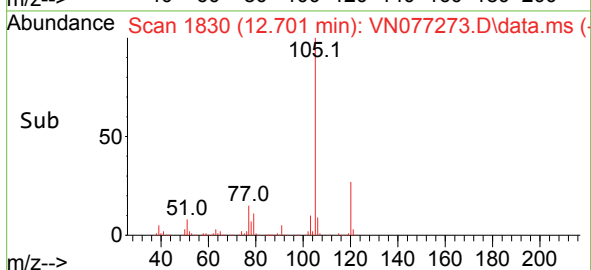
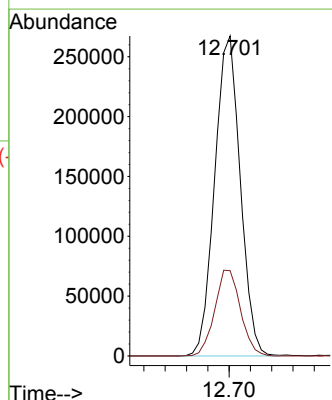
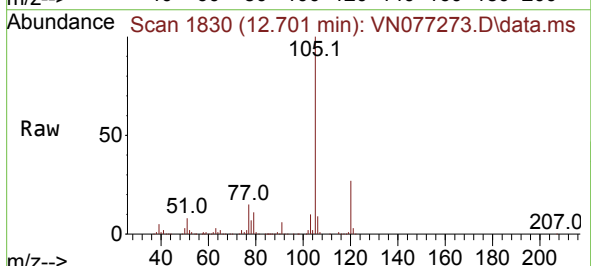
Acq: 07 Apr 2023 12:17

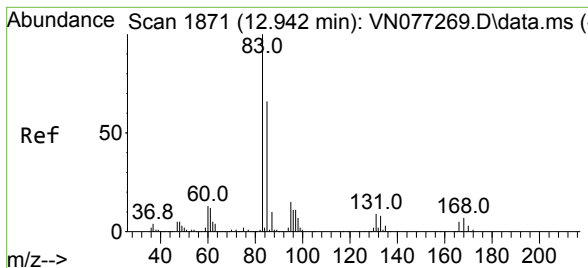
Tgt Ion:105 Resp: 445520

Ion Ratio Lower Upper

105 100

120 27.0 18.3 34.1

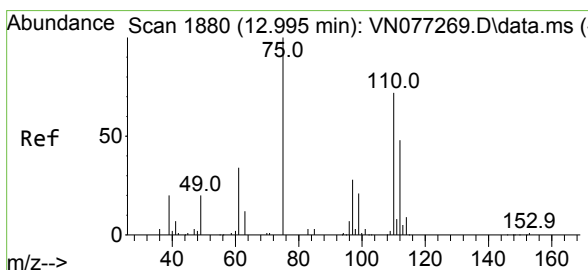
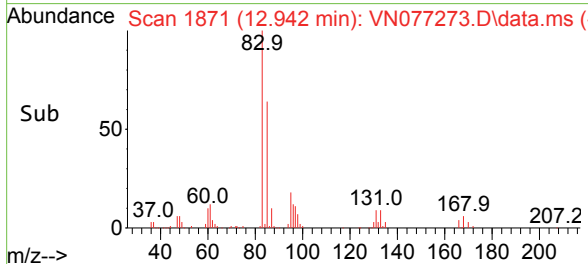
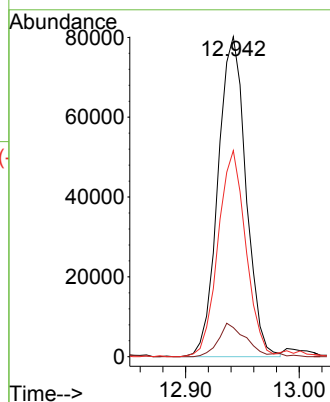
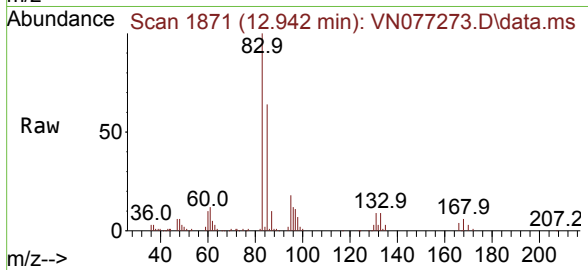




#71
1,1,2,2-Tetrachloroethane
Concen: 10.296 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

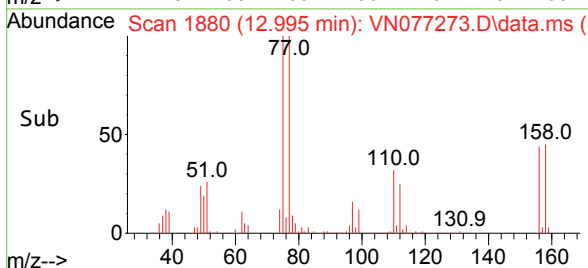
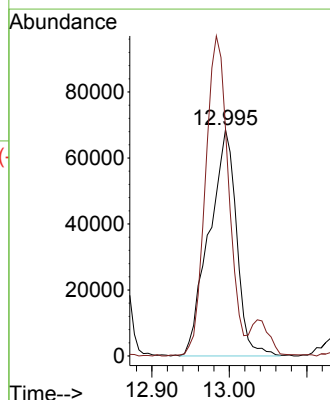
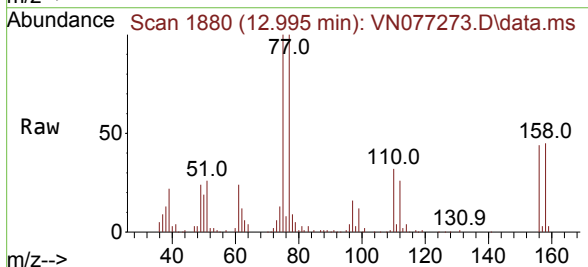
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

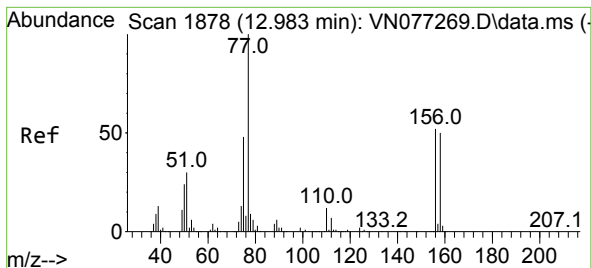
Tgt Ion: 83 Resp: 137144
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.0
85 63.9 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 18.624 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 75 Resp: 168622
Ion Ratio Lower Upper
75 100
77 117.5 0.0 434.2





#73

Bromobenzene

Concen: 10.630 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

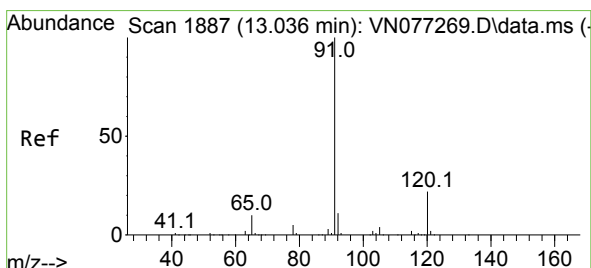
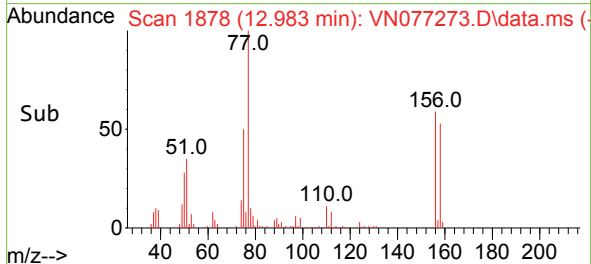
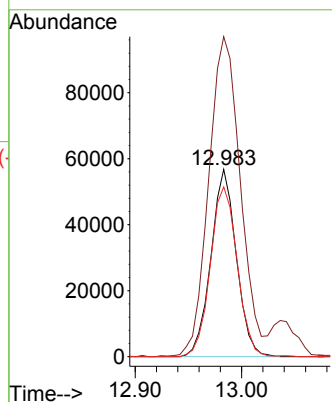
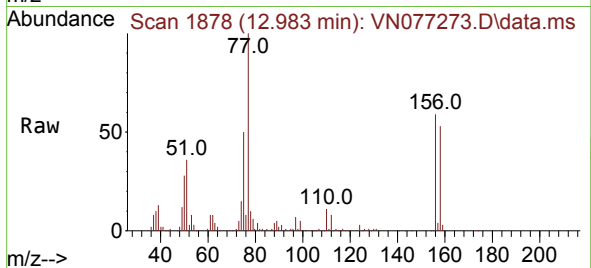
Tgt Ion:156 Resp: 93934

Ion Ratio Lower Upper

156 100

77 210.9 0.0 456.6

158 95.8 0.0 195.6



#74

n-propylbenzene

Concen: 10.216 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VN077273.D

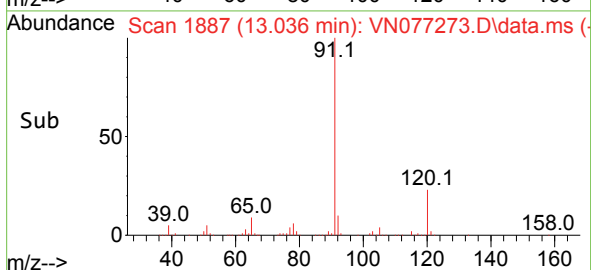
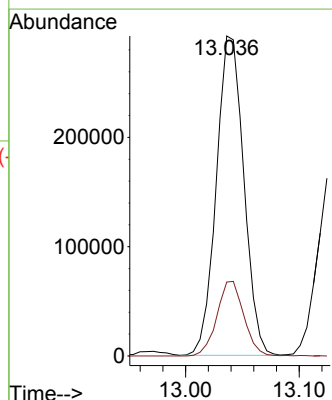
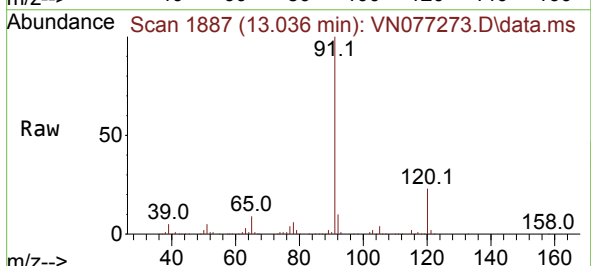
Acq: 07 Apr 2023 12:17

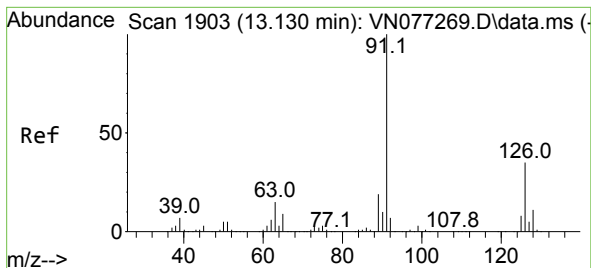
Tgt Ion: 91 Resp: 491647

Ion Ratio Lower Upper

91 100

120 22.9 0.0 45.6





#75

2-Chlorotoluene

Concen: 10.410 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

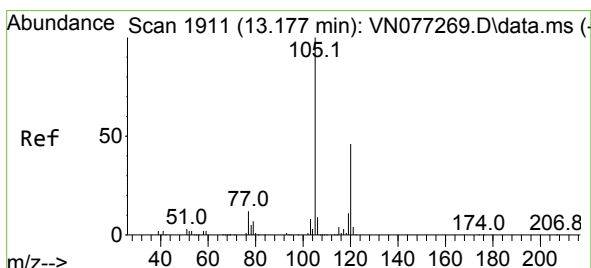
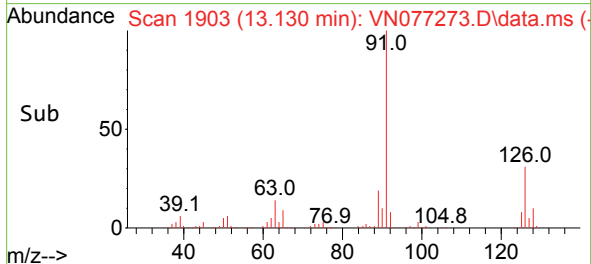
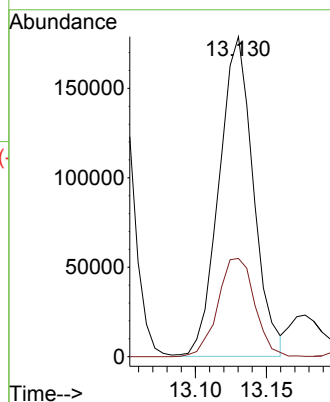
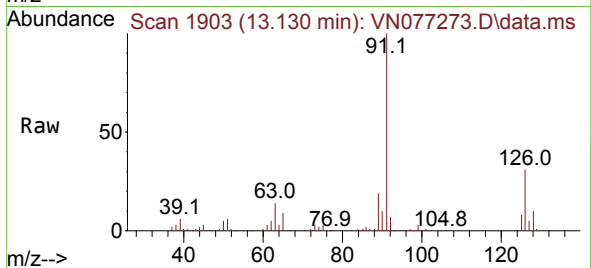
VSTDICC010

Tgt Ion: 91 Resp: 300116

Ion Ratio Lower Upper

91 100

126 33.0 0.0 67.0



#76

1,3,5-Trimethylbenzene

Concen: 10.172 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077273.D

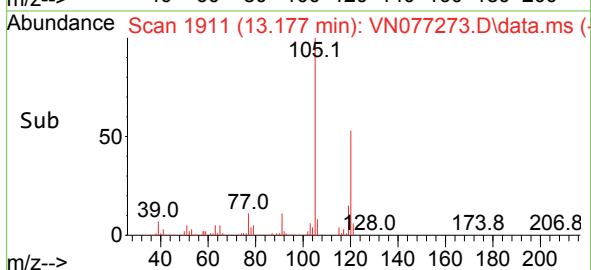
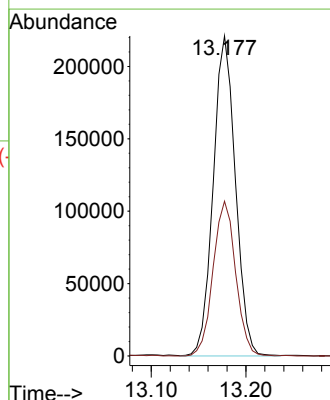
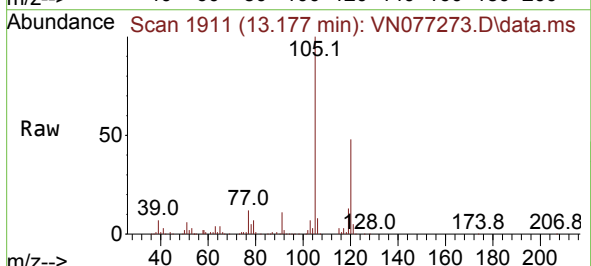
Acq: 07 Apr 2023 12:17

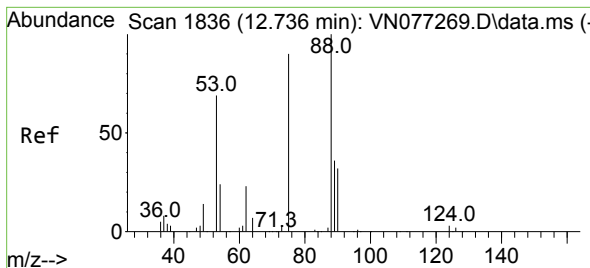
Tgt Ion: 105 Resp: 360103

Ion Ratio Lower Upper

105 100

120 49.1 0.0 94.4





#77

t-1,4-Dichloro-2-butene

Concen: 9.704 ug/l

RT: 12.742 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

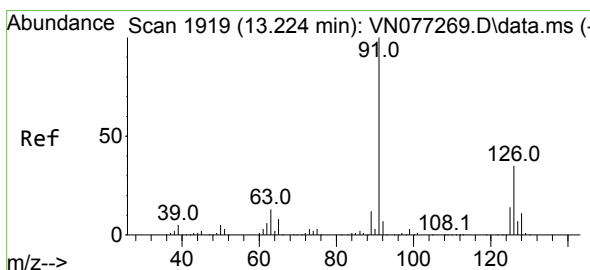
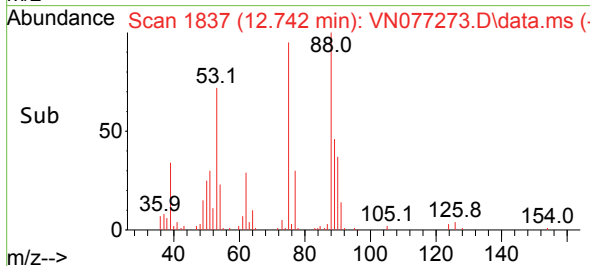
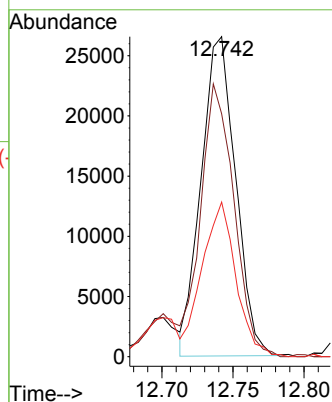
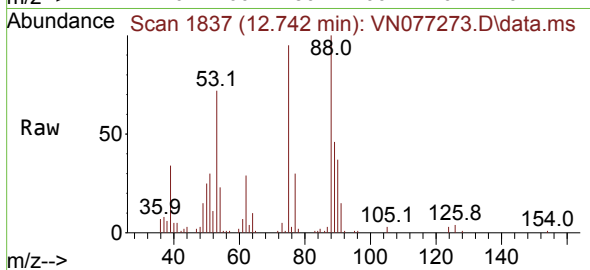
Tgt Ion: 75 Resp: 44753

Ion Ratio Lower Upper

75 100

53 76.4 38.8 116.4

89 47.9 23.2 69.6



#78

4-Chlorotoluene

Concen: 10.446 ug/l

RT: 13.224 min Scan# 1919

Delta R.T. -0.000 min

Lab File: VN077273.D

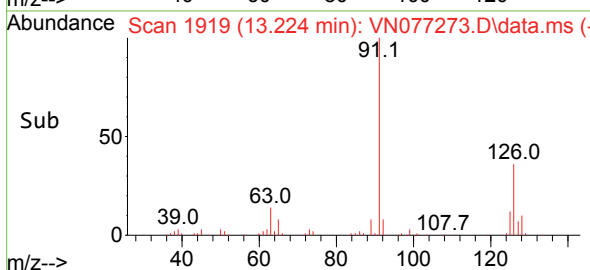
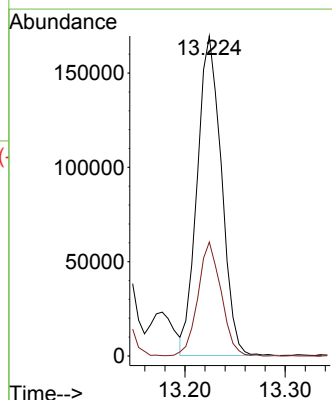
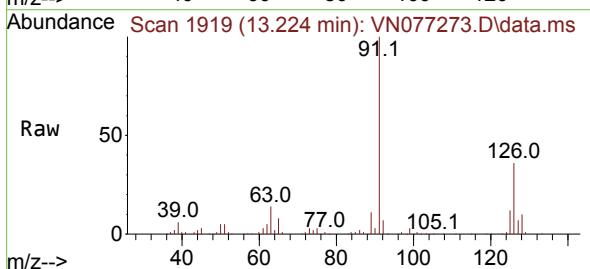
Acq: 07 Apr 2023 12:17

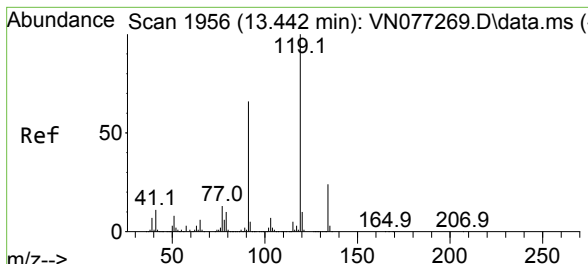
Tgt Ion: 91 Resp: 284570

Ion Ratio Lower Upper

91 100

126 34.2 0.0 67.4



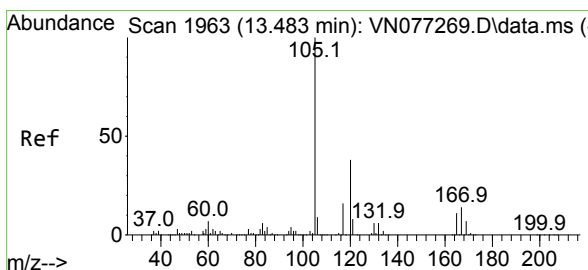
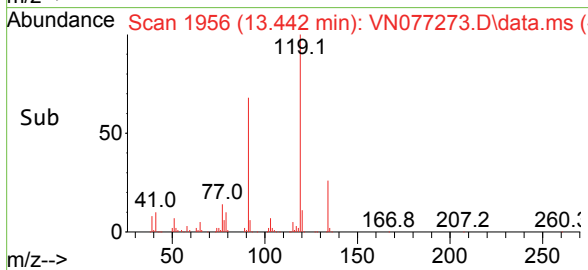
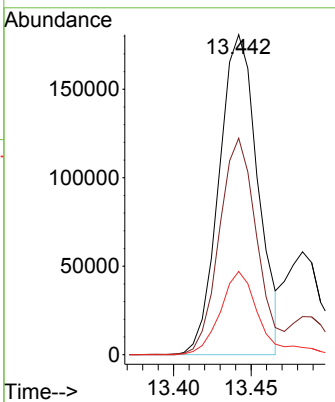
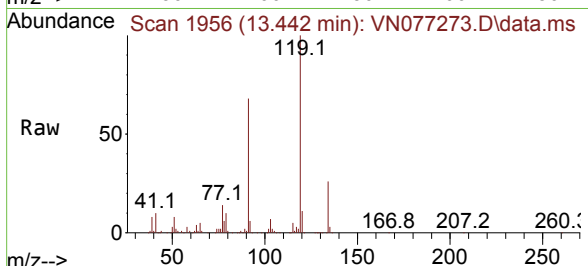


#79
 tert-butylbenzene
 Concen: 10.251 ug/l
 RT: 13.442 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:119 Resp: 315816

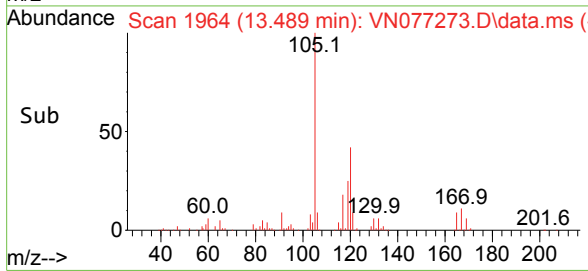
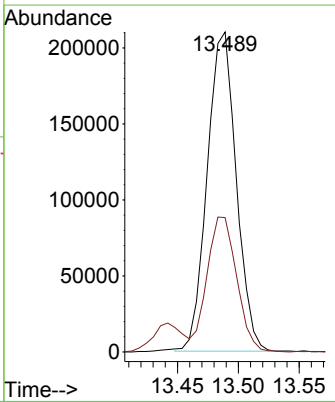
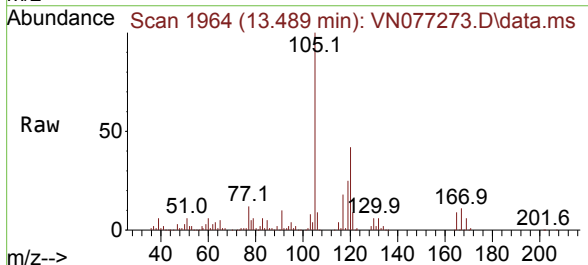
Ion	Ratio	Lower	Upper
119	100		
91	65.6	0.0	131.0
134	26.2	0.0	49.8

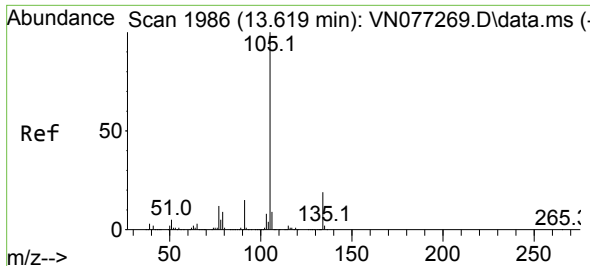


#80
 1,2,4-Trimethylbenzene
 Concen: 10.100 ug/l
 RT: 13.489 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

Tgt Ion:105 Resp: 348542

Ion	Ratio	Lower	Upper
105	100		
120	43.3	0.0	91.0

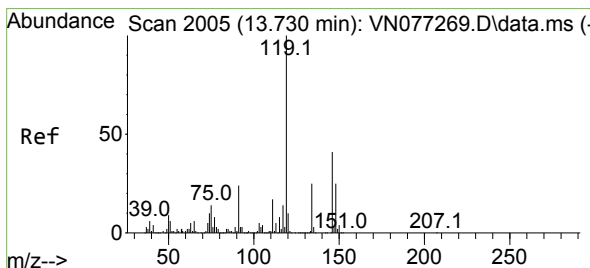
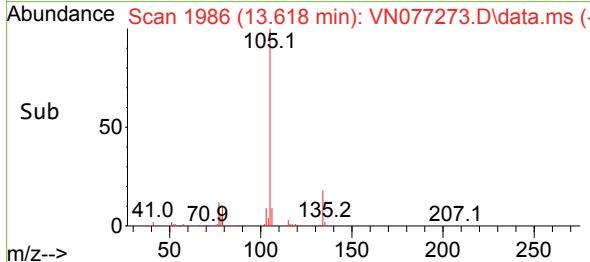
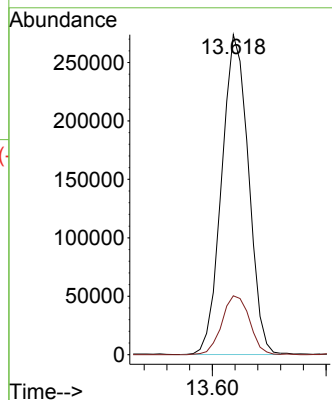
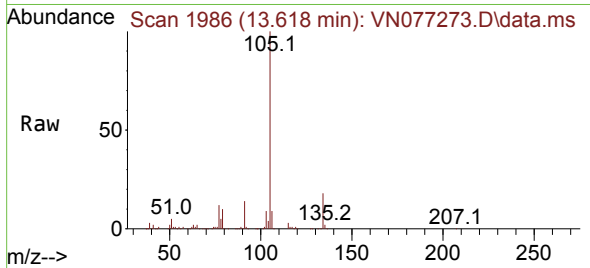




#81
 sec-Butylbenzene
 Concen: 10.189 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

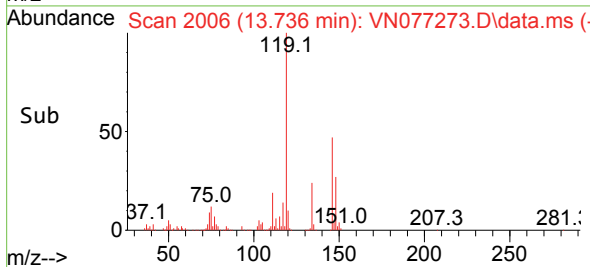
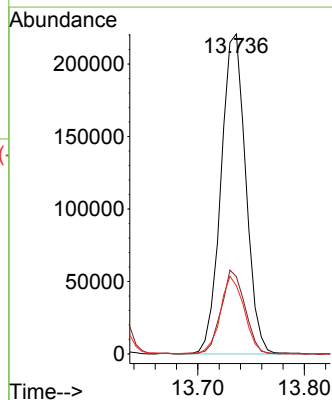
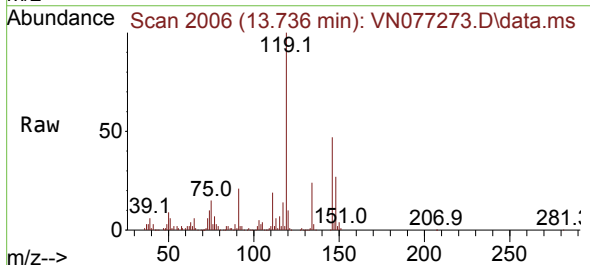
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

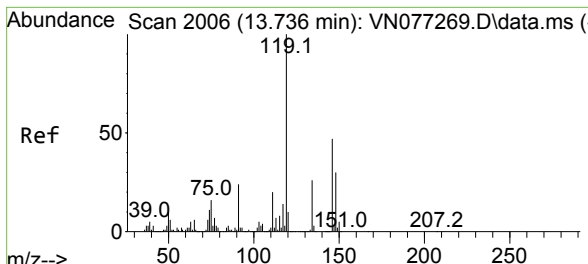
Tgt Ion:105 Resp: 448329
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 10.095 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

Tgt Ion:119 Resp: 355888
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 51.0
 91 23.1 0.0 48.0

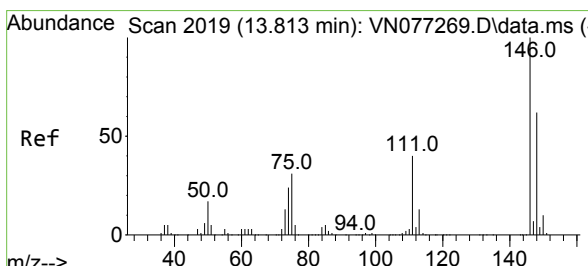
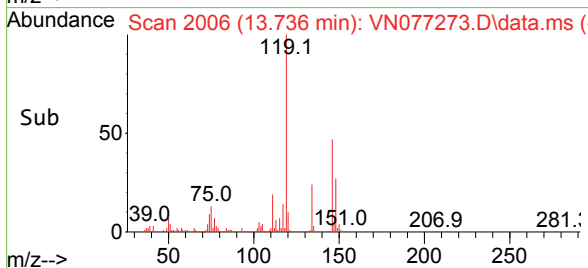
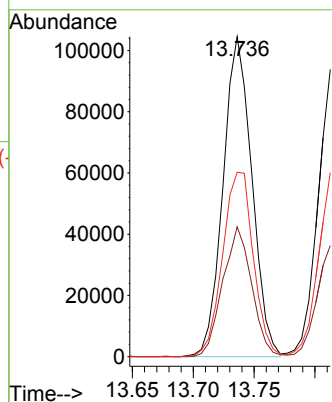
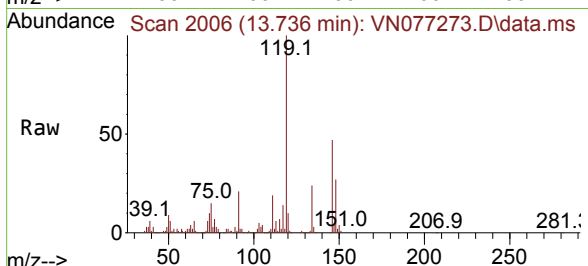




#83
 1,3-Dichlorobenzene
 Concen: 10.265 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

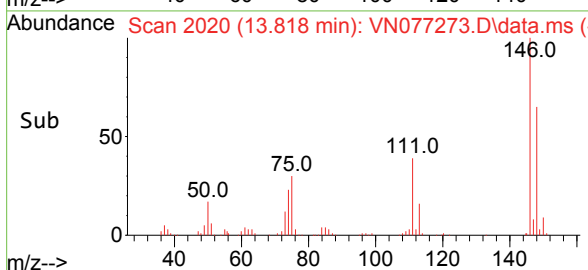
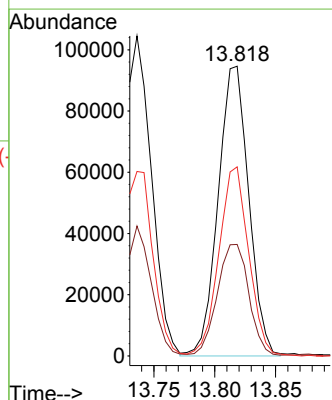
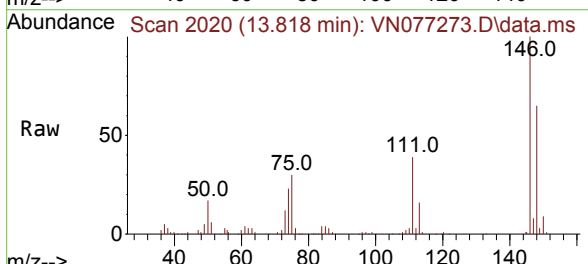
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

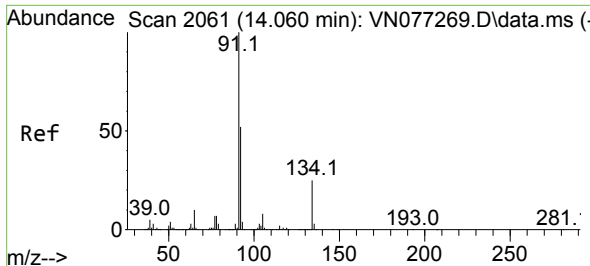
Tgt Ion:146 Resp: 171983
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.4 64.2
 148 61.7 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 10.184 ug/l
 RT: 13.818 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

Tgt Ion:146 Resp: 165553
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 61.0
 148 63.7 31.6 94.7

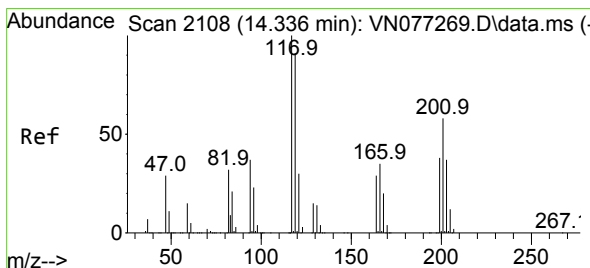
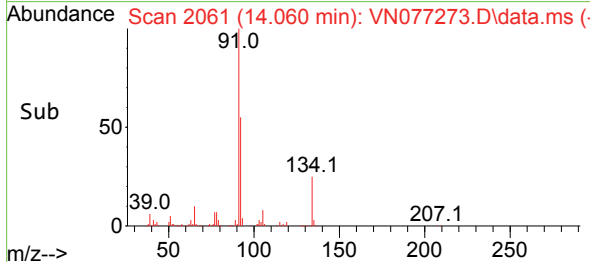
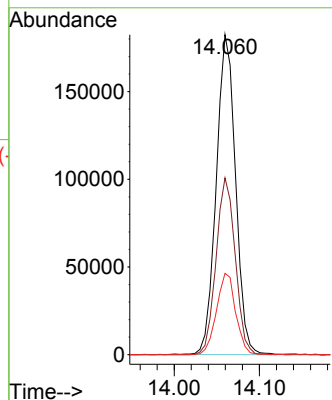
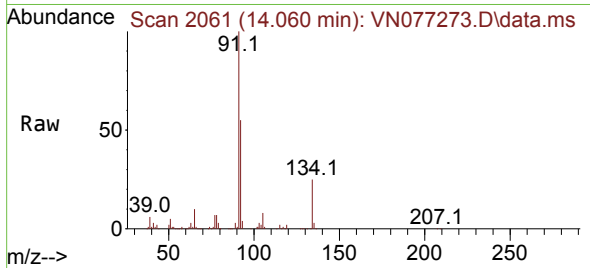




#85
n-Butylbenzene
Concen: 9.865 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

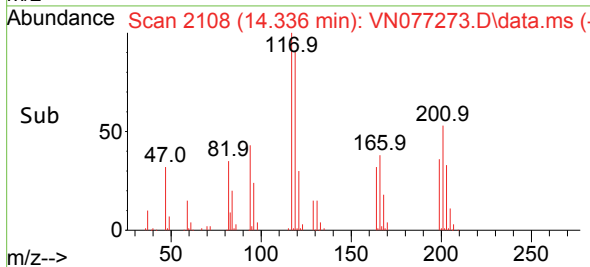
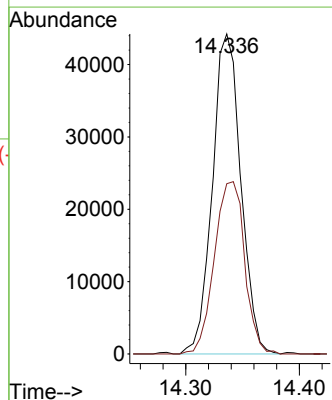
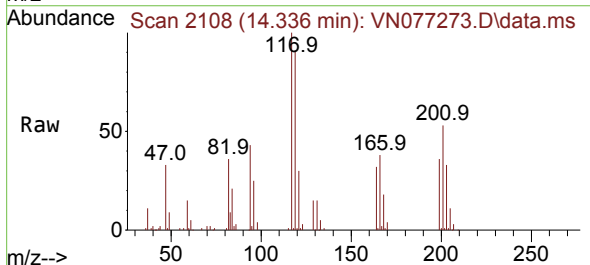
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

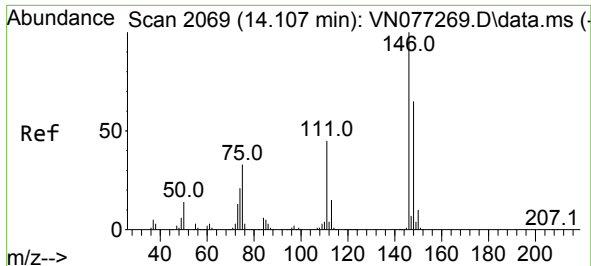
Tgt Ion: 91 Resp: 287384
Ion Ratio Lower Upper
91 100
92 54.7 0.0 105.6
134 25.3 0.0 49.4



#86
Hexachloroethane
Concen: 10.272 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 117 Resp: 77026
Ion Ratio Lower Upper
117 100
201 57.1 29.1 87.4

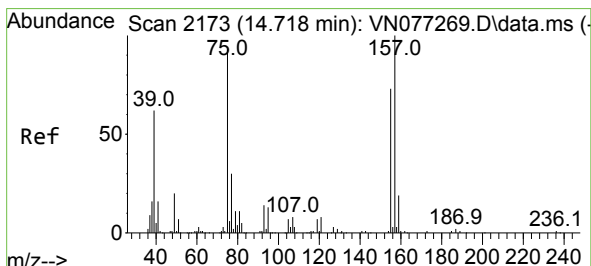
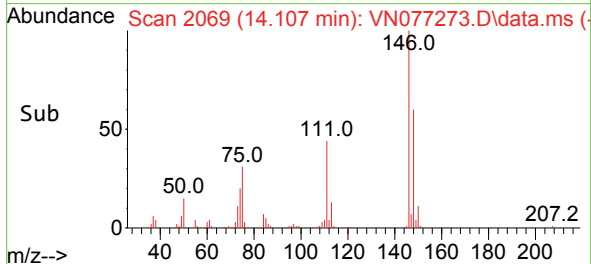
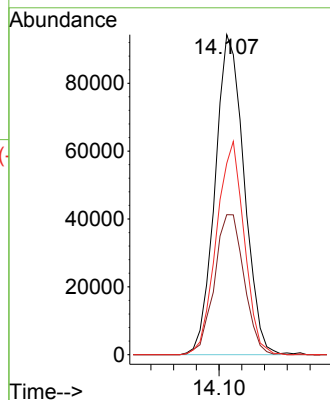
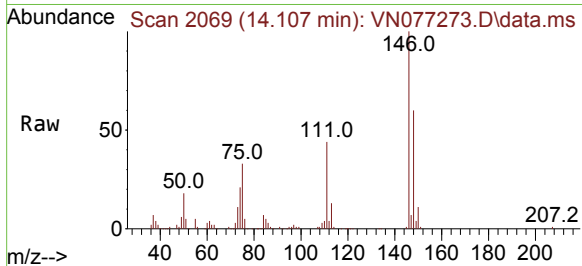




#87
1,2-Dichlorobenzene
Concen: 10.183 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

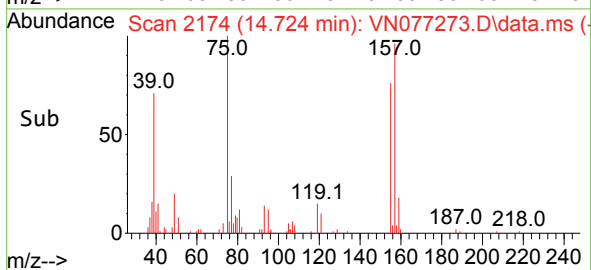
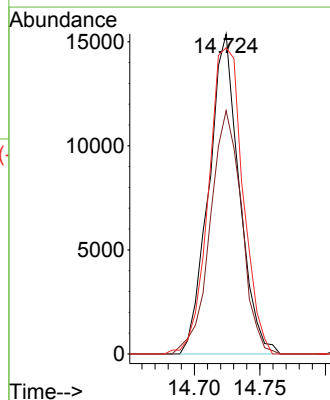
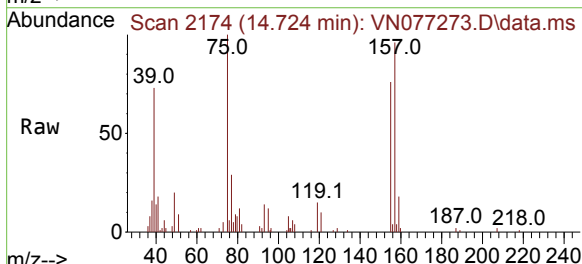
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

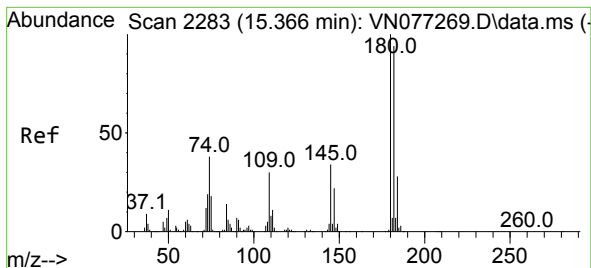
Tgt Ion:146 Resp: 167178
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.5
148 63.8 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 9.706 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 75 Resp: 24774
Ion Ratio Lower Upper
75 100
155 78.5 67.8 101.6
157 108.2 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 9.131 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

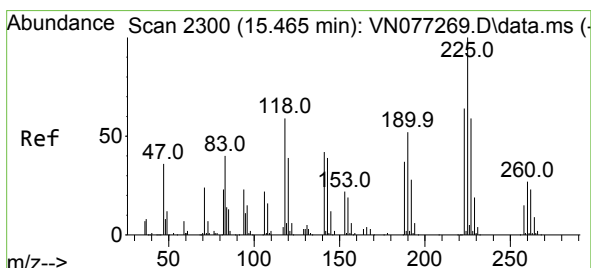
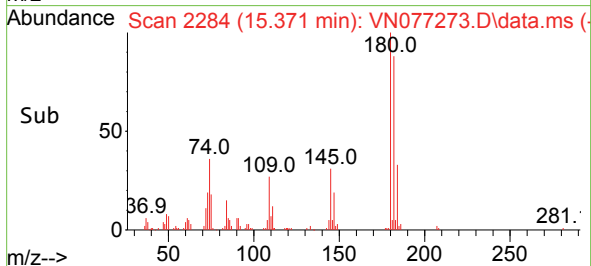
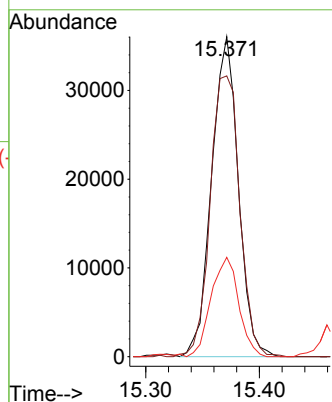
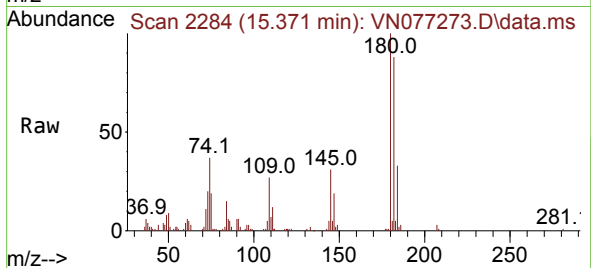
Tgt Ion:180 Resp: 58966

Ion Ratio Lower Upper

180 100

182 96.9 75.6 113.4

145 32.1 26.7 40.1



#90

Hexachlorobutadiene

Concen: 10.394 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

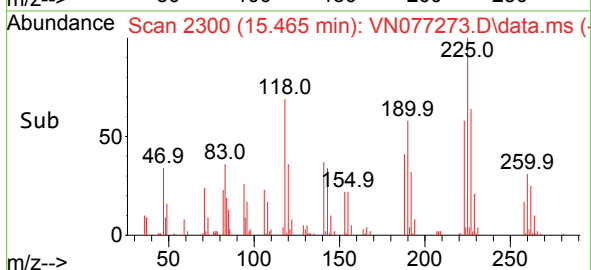
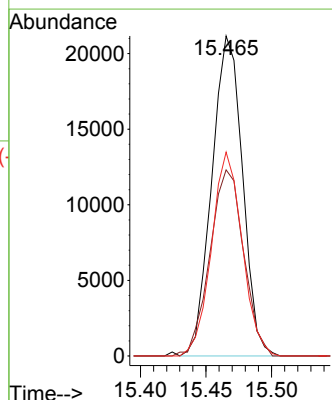
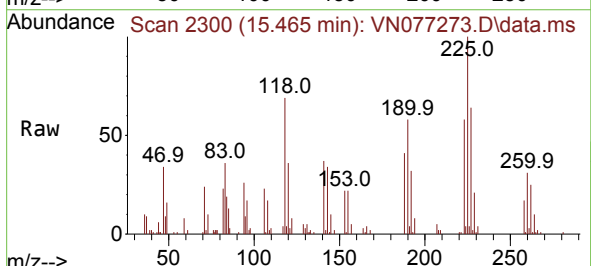
Tgt Ion:225 Resp: 34426

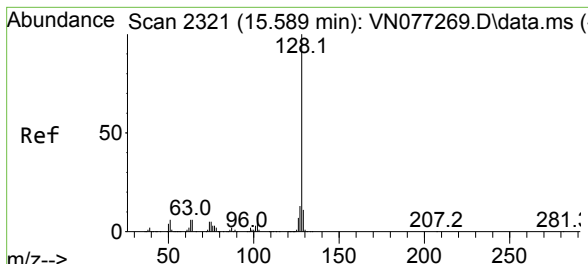
Ion Ratio Lower Upper

225 100

223 63.9 0.0 126.0

227 63.7 0.0 127.2

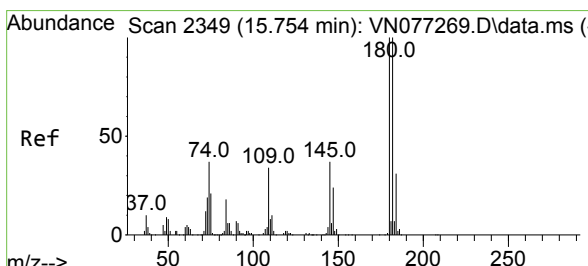
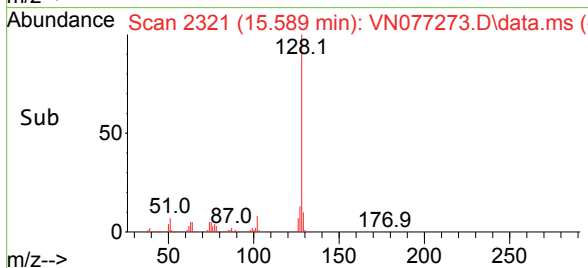
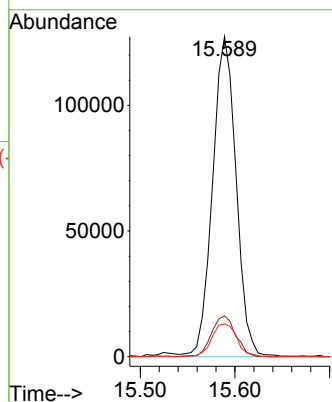
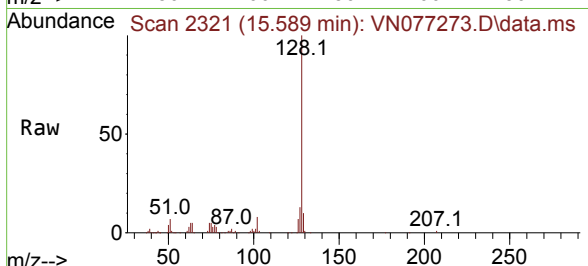




#91
Naphthalene
Concen: 8.918 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	128	Resp:	220015
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	10.9	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 8.894 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion:	180	Resp:	56044
Ion Ratio	Lower	Upper	
180	100		
182	96.9	0.0	190.4
145	32.9	0.0	72.4

