

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077269.D
 Acq On : 07 Apr 2023 10:22
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Apr 08 05:12:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	62933	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	469886	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	519769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	156552	29.331	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.767%
60) 4-Bromofluorobenzene	12.854	95	280196	31.176	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.933%
63) Toluene-d8	10.566	98	542174	29.672	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	275374	46.027	ug/l	100
3) Chloromethane	2.372	50	349133	43.925	ug/l	100
4) Vinyl Chloride	2.519	62	516973	45.408	ug/l	100
5) Bromomethane	2.949	94	343672	40.060	ug/l	100
6) Chloroethane	3.119	64	351964	46.122	ug/l	100
7) Trichlorofluoromethane	3.502	101	471677	44.495	ug/l	100
8) Diethyl Ether	3.966	74	204221	45.198	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	303706	45.816	ug/l	100
10) 1,1-Dichloroethene	4.349	96	296877	44.768	ug/l	100
11) Methyl Iodide	4.601	142	375191	50.080	ug/l	100
12) Methyl Acetate	5.031	43	463254	46.889	ug/l	100
13) Acrolein	4.190	56	288184	234.992	ug/l	100
14) Acrylonitrile	5.725	53	797125	236.034	ug/l	100
15) Acetone	4.437	58	298757	243.847	ug/l	100
16) Carbon Disulfide	4.719	76	789926	45.130	ug/l	100
17) Allyl chloride	5.031	41	383684	44.946	ug/l	100
18) Methylene Chloride	5.290	84	346145	44.949	ug/l	100
19) trans-1,2-Dichloroethene	5.790	96	331046	45.911	ug/l	100
20) Diisopropyl ether	6.678	45	934037	45.908	ug/l	100
21) 1,1-Dichloroethane	6.578	63	605321	46.939	ug/l	100
22) cis-1,2-Dichloroethene	7.490	96	409758	46.616	ug/l	100
23) tert-Butyl Alcohol	5.525	59	352680	234.861	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	1106398	46.343	ug/l	100
25) Chloroform	7.972	83	650910	46.574	ug/l	100
26) Cyclohexane	8.260	56	521869	46.571	ug/l #	100
29) 1,1-Dichloropropene	8.378	75	483168	47.467	ug/l	100
30) 2-Butanone	7.490	43	1155728	240.099	ug/l	100
31) 2,2-Dichloropropane	7.495	77	582975	46.654	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	591083	47.185	ug/l	100
33) Carbon Tetrachloride	8.366	117	505833	47.311	ug/l	100
34) Benzene	8.607	78	1486320	47.192	ug/l	100
35) Methacrylonitrile	7.784	41	213906	47.173	ug/l	100
36) 1,2-Dichloroethane	8.672	62	460901	46.676	ug/l	100
37) Trichloroethene	9.354	130	362453	47.049	ug/l	100
38) Methylcyclohexane	9.601	83	649185	47.024	ug/l	100
39) 1,2-Dichloropropane	9.625	63	367848	47.048	ug/l	100
40) Dibromomethane	9.713	93	264898	47.023	ug/l	100
41) Bromodichloromethane	9.889	83	528285	47.029	ug/l	100
42) Vinyl Acetate	6.613	43	3337059	239.537	ug/l #	100

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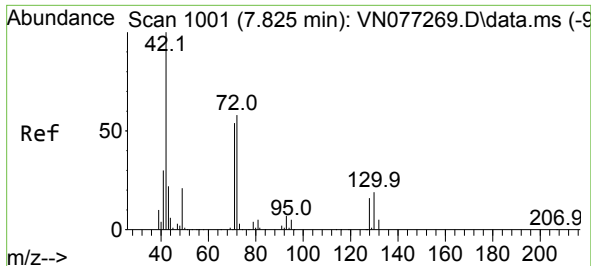
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	416865	46.810	ug/l	100
44) Isopropyl Acetate	8.689	43	753797	47.274	ug/l #	100
45) 1,4-Dioxane	9.695	88	164360	977.372	ug/l	100
46) Methyl methacrylate	9.684	41	322192	46.931	ug/l	100
47) n-amyl Acetate	12.495	43	691201	49.603	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	609576	48.488	ug/l	100
49) cis-1,3-Dichloropropene	10.313	75	630373	47.134	ug/l	100
50) 1,1,2-Trichloroethane	11.019	97	387654	47.375	ug/l	100
51) Ethyl methacrylate	10.878	69	616969	49.099	ug/l	100
52) 1,3-Dichloropropane	11.166	76	644736	47.210	ug/l	100
53) Dibromochloromethane	11.360	129	420325	48.738	ug/l	100
54) 1,2-Dibromoethane	11.472	107	395382	48.133	ug/l	100
55) 2-Chloroethyl vinyl ether	10.160	63	951336	245.213	ug/l	100
56) Bromoform	12.583	173	282858	48.826	ug/l	100
58) 4-Methyl-2-Pentanone	10.448	43	2345724	241.035	ug/l	100
59) 2-Hexanone	11.195	43	1806207	240.111	ug/l	100
61) Tetrachloroethene	11.107	164	289400	46.812	ug/l	100
62) Toluene	10.631	91	1703599	46.976	ug/l	100
64) Chlorobenzene	11.895	112	1043757	47.374	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.960	131	392337	48.425	ug/l	100
66) Ethyl Benzene	11.966	91	1939084	48.263	ug/l	100
67) m/p-Xylenes	12.072	106	1530336	97.174	ug/l	100
68) o-Xylene	12.401	106	764840	48.546	ug/l	100
69) Styrene	12.413	104	1249402	49.497	ug/l	100
70) Isopropylbenzene	12.695	105	1953763	48.864	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	593668	48.485	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	736582	88.498	ug/l	40
73) Bromobenzene	12.983	156	391843	48.236	ug/l	100
74) n-propylbenzene	13.036	91	2216731	50.108	ug/l	100
75) 2-Chlorotoluene	13.130	91	1301034	49.092	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	1649720	50.694	ug/l	100
77) t-1,4-Dichloro-2-butene	12.736	75	214255	50.538	ug/l	100
78) 4-Chlorotoluene	13.224	91	1257759	50.227	ug/l	100
79) tert-butylbenzene	13.442	119	1397169	49.331	ug/l	100
80) 1,2,4-Trimethylbenzene	13.483	105	1611161	50.788	ug/l	100
81) sec-Butylbenzene	13.619	105	2035779	50.329	ug/l	100
82) p-Isopropyltoluene	13.730	119	1660395	51.237	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	770143	50.002	ug/l	100
84) 1,4-Dichlorobenzene	13.813	146	747729	50.038	ug/l	100
85) n-Butylbenzene	14.060	91	1410214	52.662	ug/l	100
86) Hexachloroethane	14.336	117	338062	49.041	ug/l	100
87) 1,2-Dichlorobenzene	14.107	146	750114	49.704	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.718	75	114578	48.833	ug/l	100
89) 1,2,4-Trichlorobenzene	15.366	180	327581	55.182	ug/l	100
90) Hexachlorobutadiene	15.465	225	155106	50.945	ug/l	100
91) Naphthalene	15.589	128	1271834	56.081	ug/l	100
92) 1,2,3-Trichlorobenzene	15.754	180	311864	53.840	ug/l	100

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

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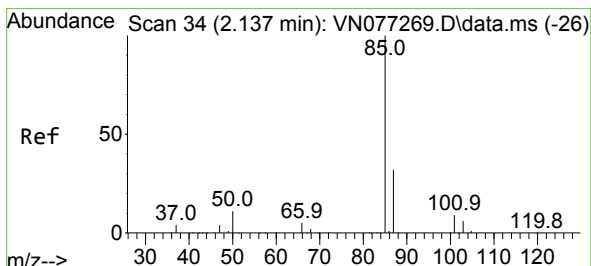
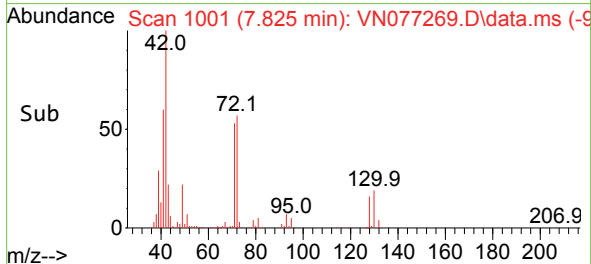
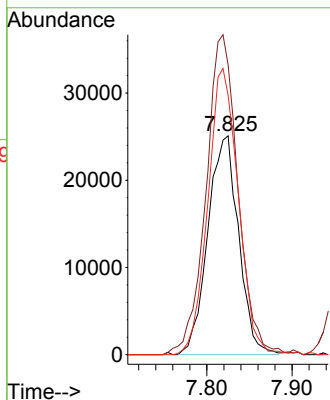
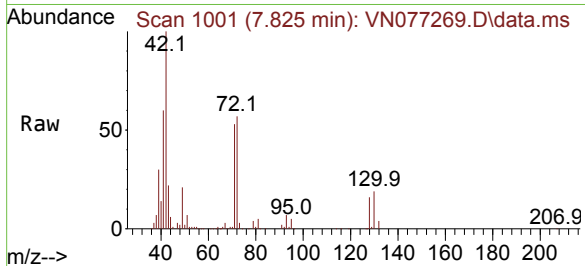




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

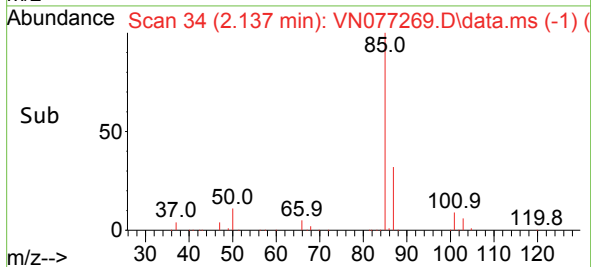
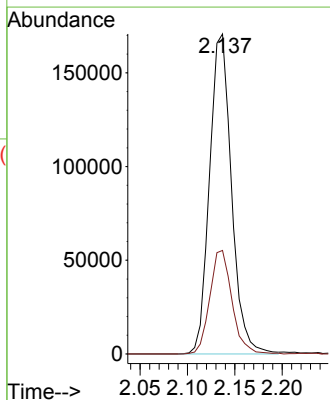
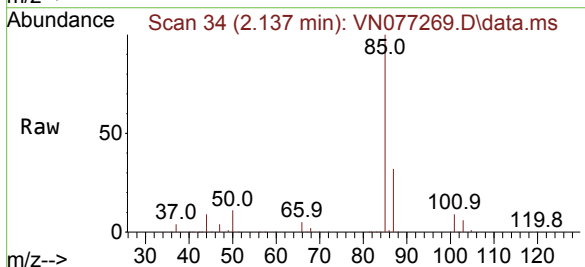
Instrument :
MSVOA_N
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VSTDIC050

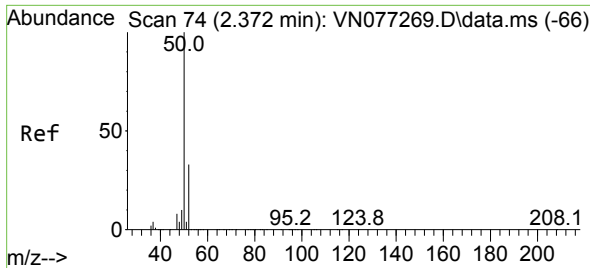
Tgt Ion:128 Resp: 62933
Ion Ratio Lower Upper
128 100
49 151.8 0.0 379.5
130 129.1 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 46.027 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 85 Resp: 275374
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

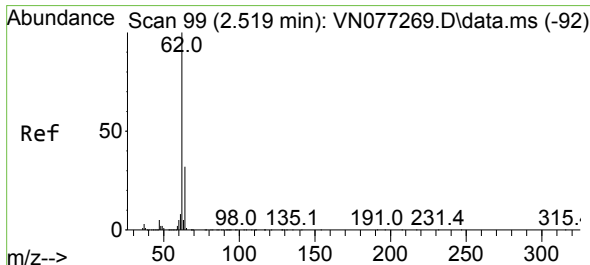
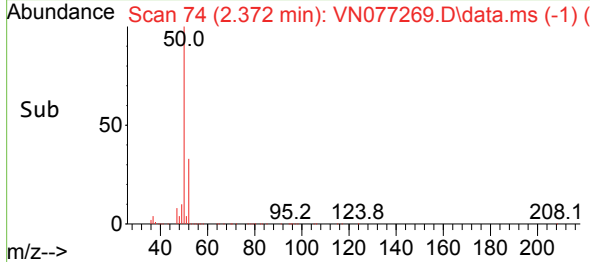
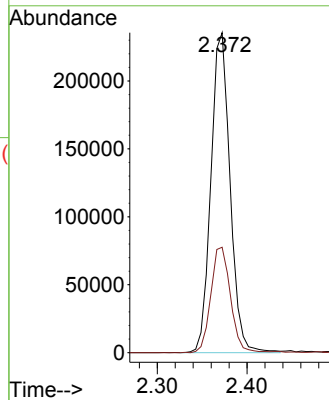
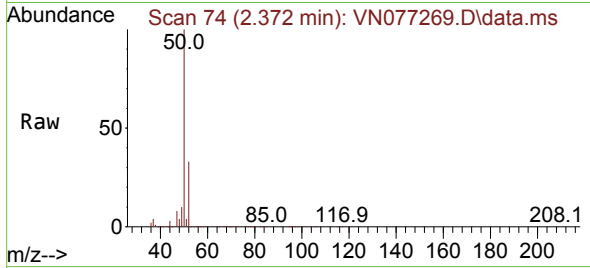




#3
Chloromethane
Concen: 43.925 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

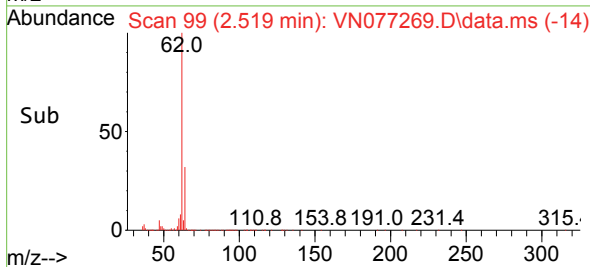
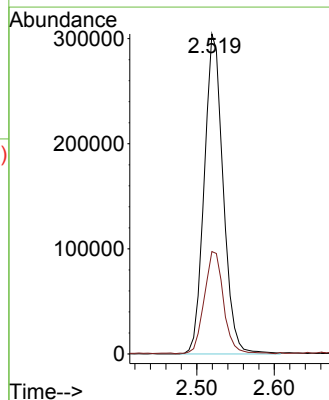
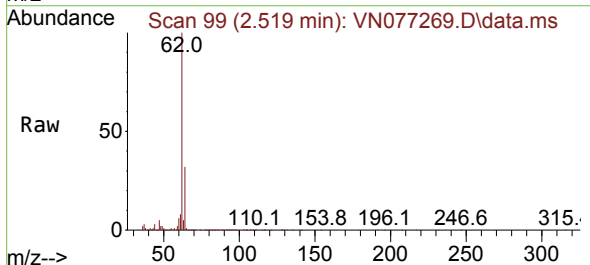
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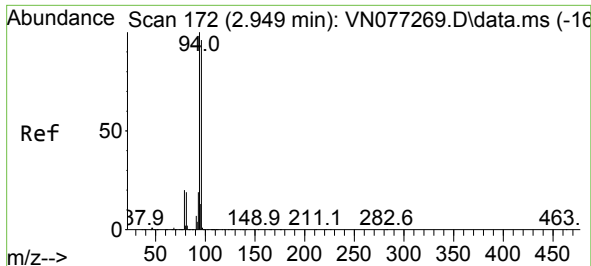
Tgt Ion: 50 Resp: 349133
Ion Ratio Lower Upper
50 100
52 33.0 26.4 39.6



#4
Vinyl Chloride
Concen: 45.408 ug/l
RT: 2.519 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 62 Resp: 516973
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

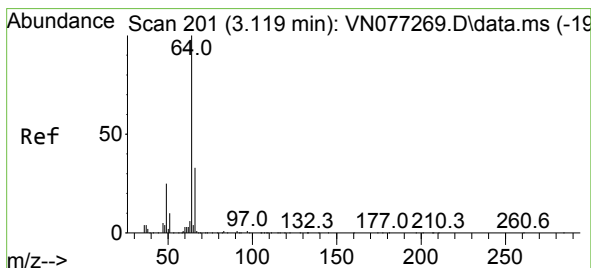
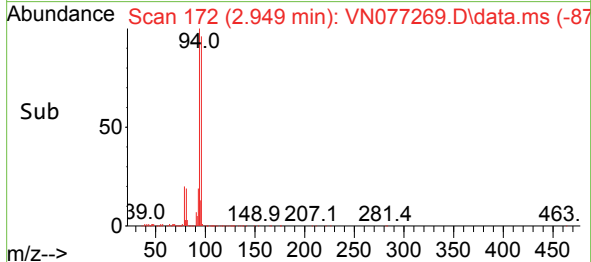
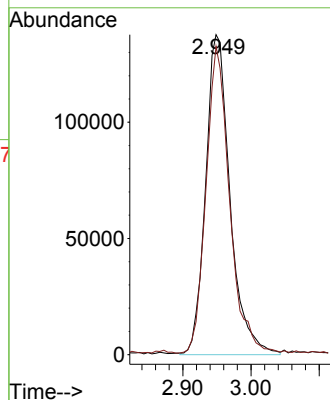
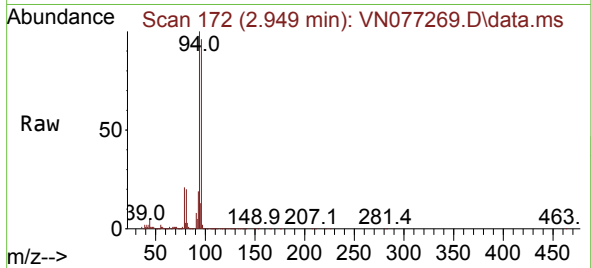




#5
Bromomethane
Concen: 40.060 ug/l
RT: 2.949 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

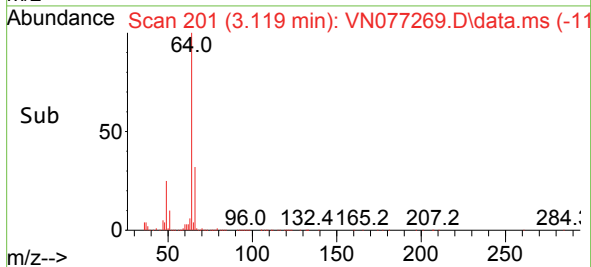
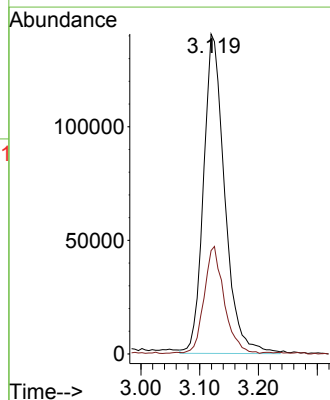
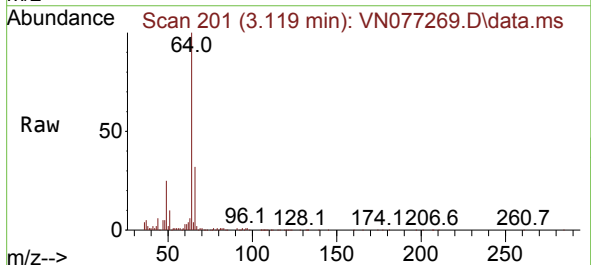
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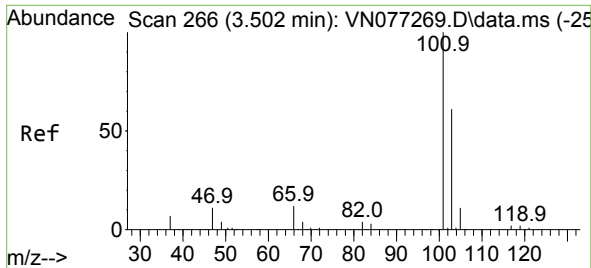
Tgt Ion: 94 Resp: 343672
Ion Ratio Lower Upper
94 100
96 96.3 77.0 115.6



#6
Chloroethane
Concen: 46.122 ug/l
RT: 3.119 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 64 Resp: 351964
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

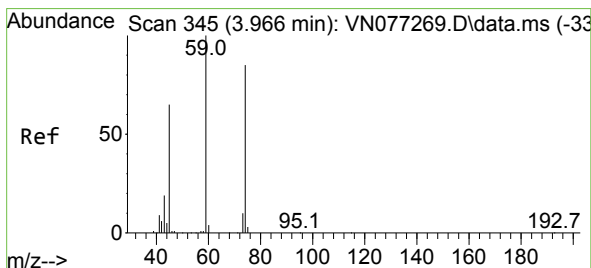
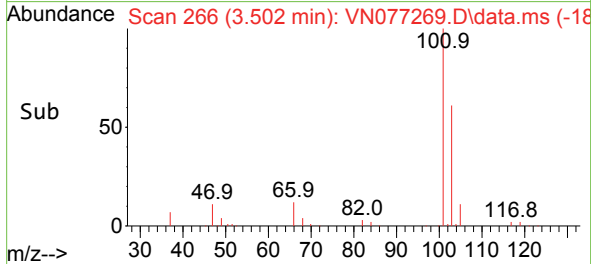
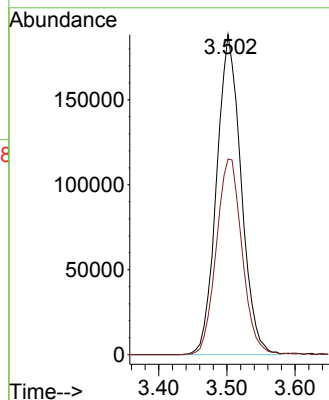
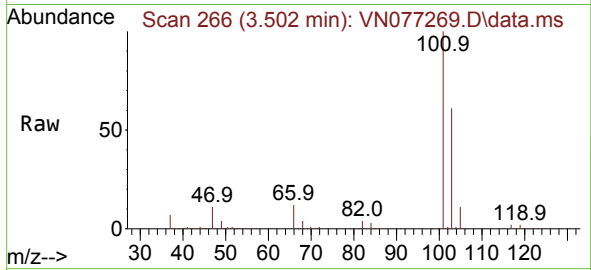




#7
 Trichlorofluoromethane
 Concen: 44.495 ug/l
 RT: 3.502 min Scan# 266
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

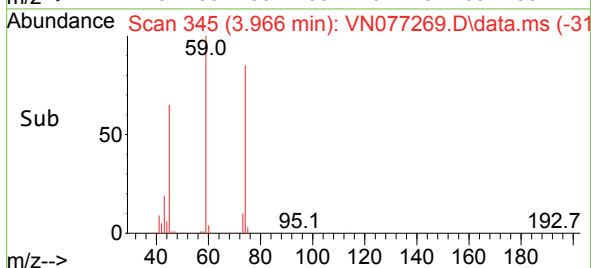
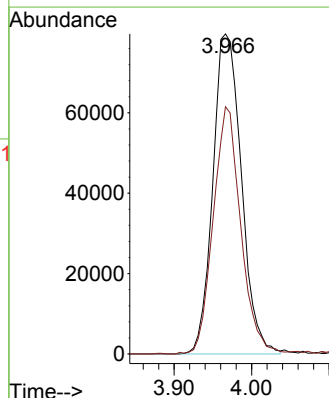
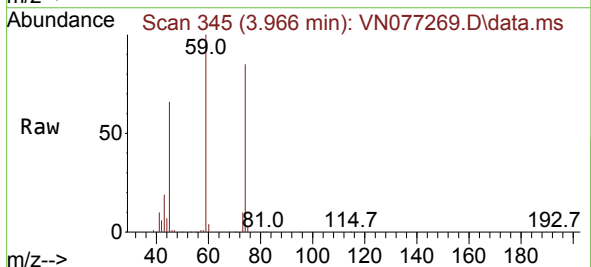
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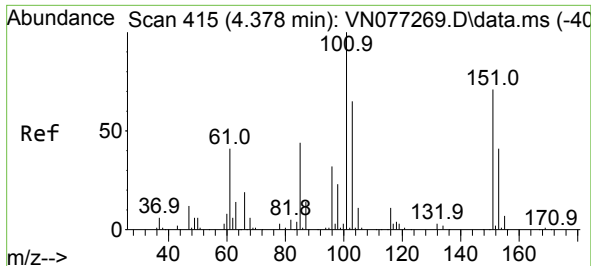
Tgt Ion:101 Resp: 471677
 Ion Ratio Lower Upper
 101 100
 103 61.1 48.9 73.3



#8
 Diethyl Ether
 Concen: 45.198 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

Tgt Ion: 74 Resp: 204221
 Ion Ratio Lower Upper
 74 100
 45 74.2 14.8 133.6

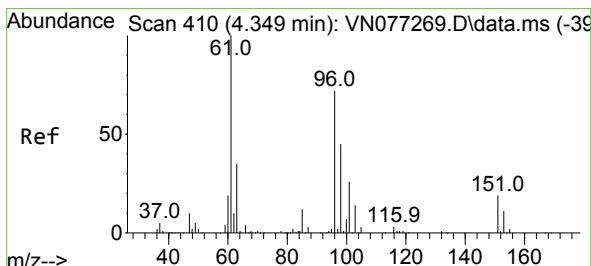
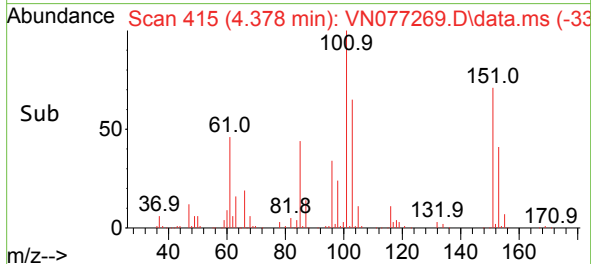
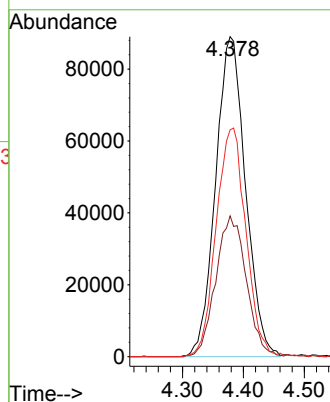
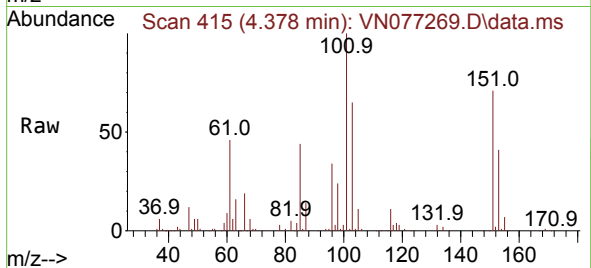




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.816 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077269.D
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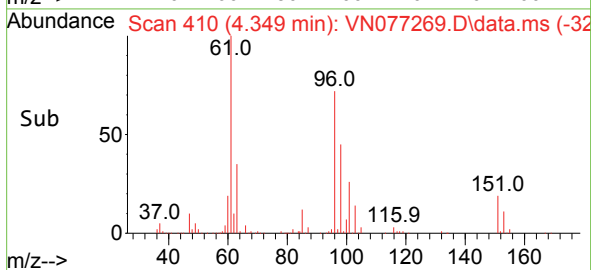
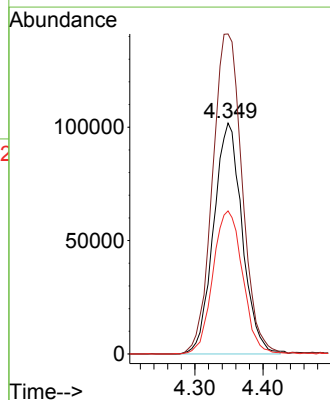
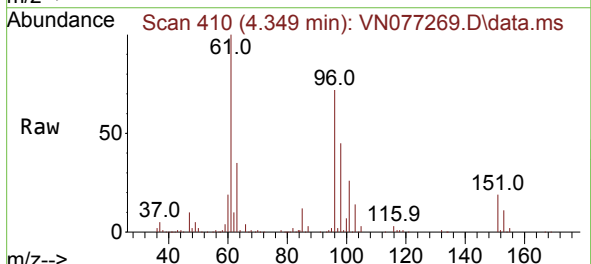
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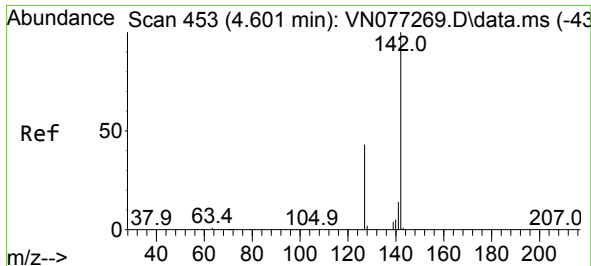
Tgt Ion:101 Resp: 303706
Ion Ratio Lower Upper
101 100
85 44.8 0.0 89.6
151 70.8 0.0 141.6



#10
1,1-Dichloroethene
Concen: 44.768 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 96 Resp: 296877
Ion Ratio Lower Upper
96 100
61 138.4 110.7 166.1
98 62.0 49.6 74.4

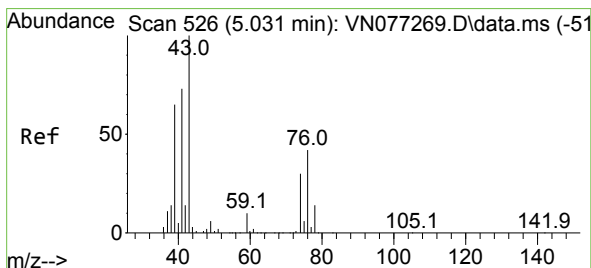
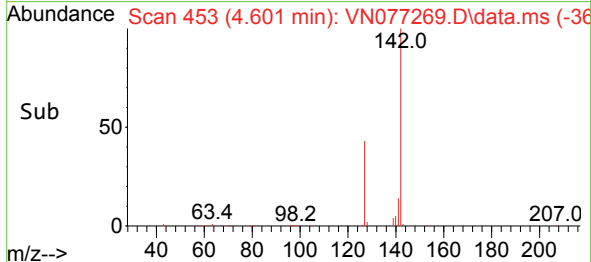
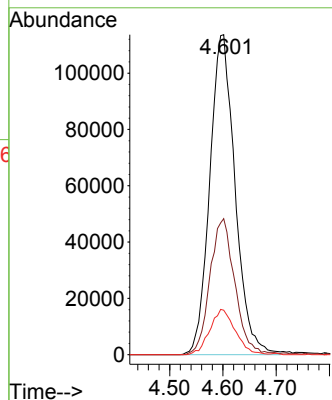
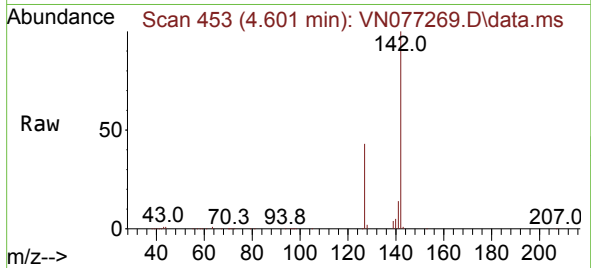




#11
Methyl Iodide
Concen: 50.080 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

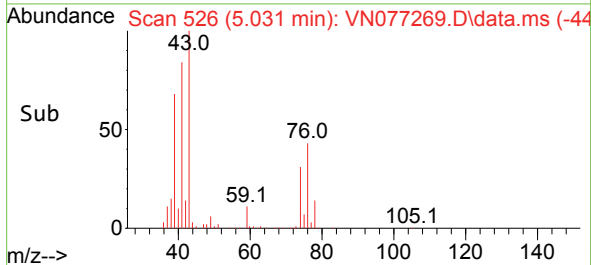
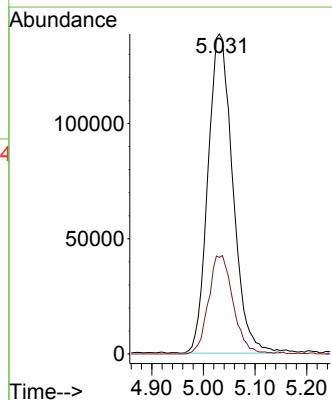
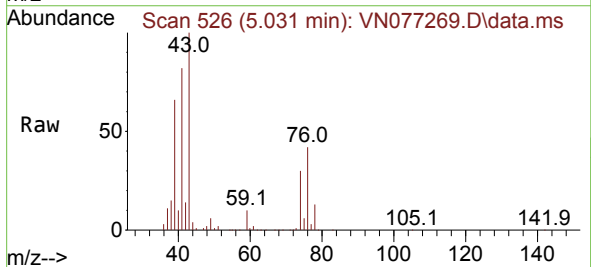
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

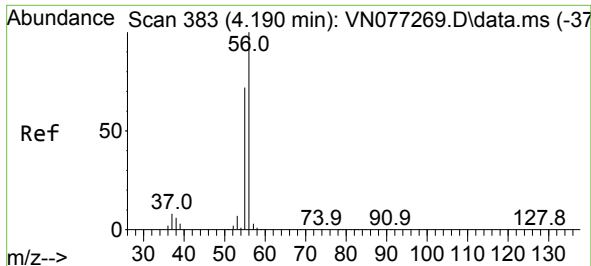
Tgt Ion:142 Resp: 375191
Ion Ratio Lower Upper
142 100
127 42.5 21.3 63.7
141 13.9 7.0 20.9



#12
Methyl Acetate
Concen: 46.889 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 43 Resp: 463254
Ion Ratio Lower Upper
43 100
74 30.2 24.2 36.2

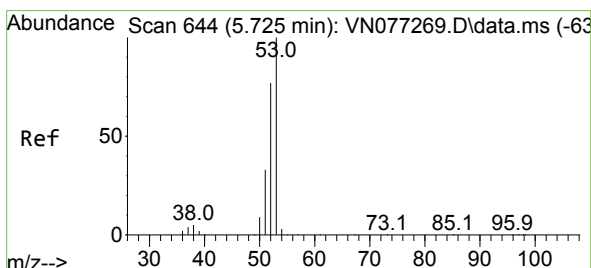
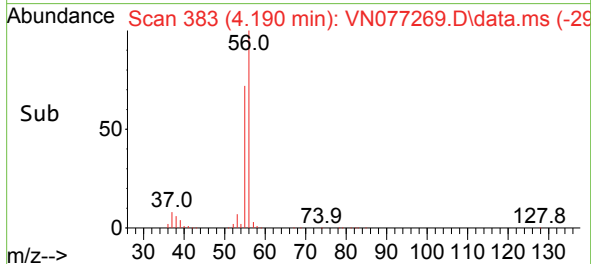
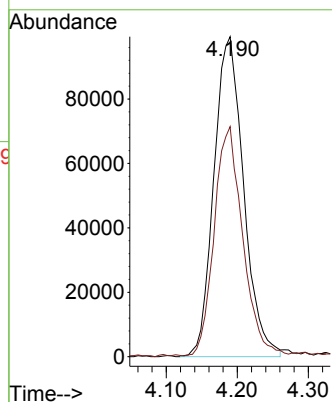
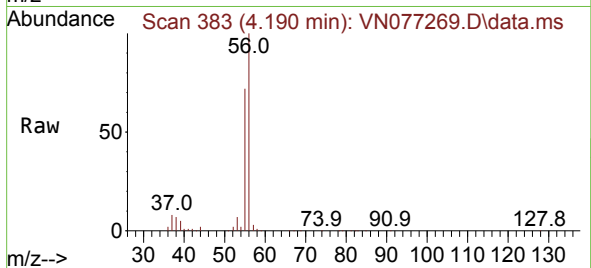




#13
Acrolein
Concen: 234.992 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

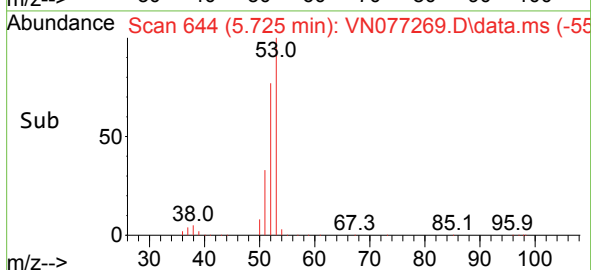
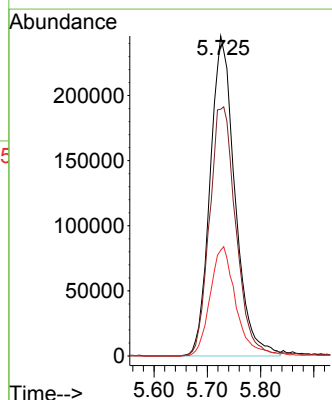
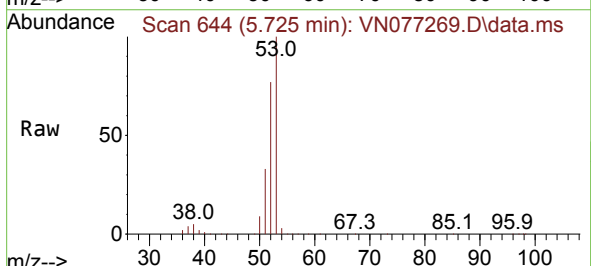
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

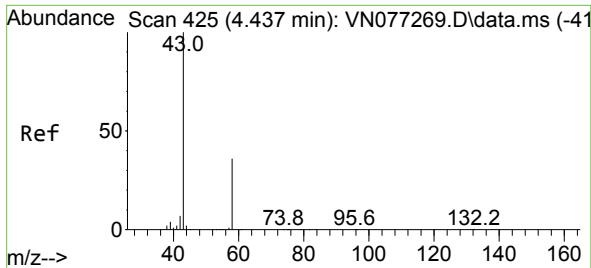
Tgt Ion: 56 Resp: 288184
Ion Ratio Lower Upper
56 100
55 69.0 55.2 82.8



#14
Acrylonitrile
Concen: 236.034 ug/l
RT: 5.725 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 53 Resp: 797125
Ion Ratio Lower Upper
53 100
52 82.0 41.0 123.0
51 35.4 17.7 53.1

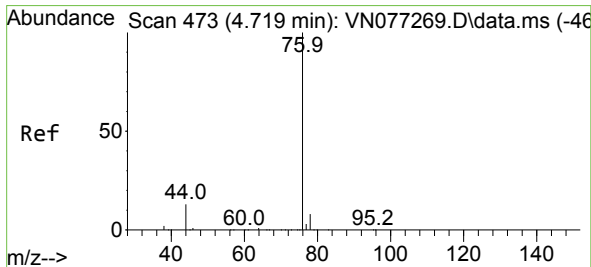
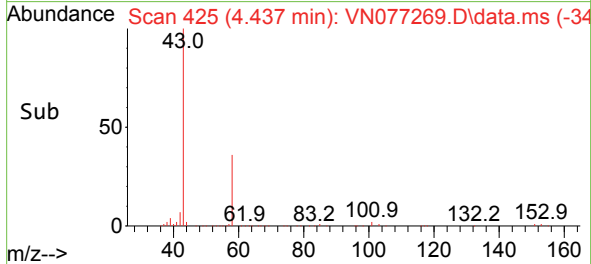
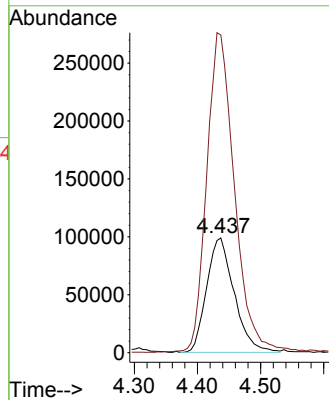
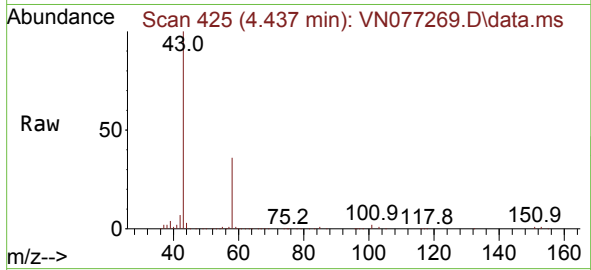




#15
Acetone
Concen: 243.847 ug/l
RT: 4.437 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

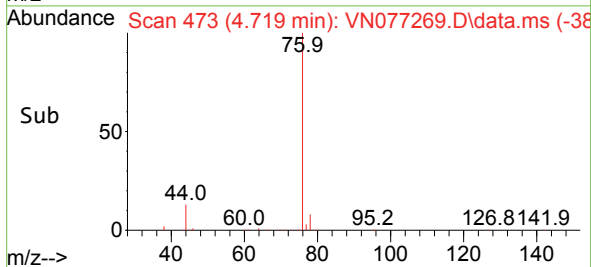
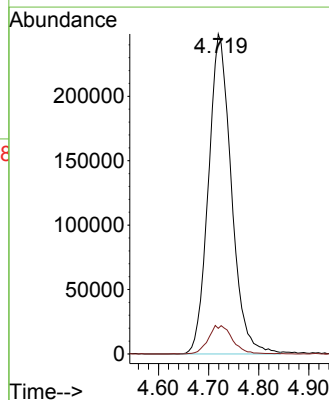
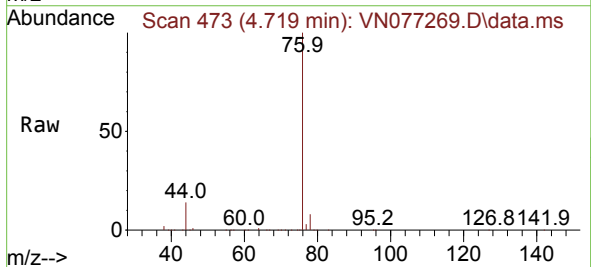
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

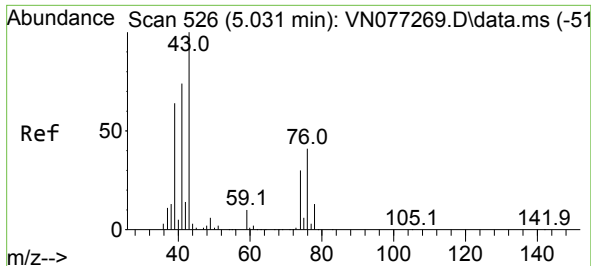
Tgt Ion: 58 Resp: 298757
Ion Ratio Lower Upper
58 100
43 276.1 220.9 331.3



#16
Carbon Disulfide
Concen: 45.130 ug/l
RT: 4.719 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 76 Resp: 789926
Ion Ratio Lower Upper
76 100
78 7.9 6.3 9.5

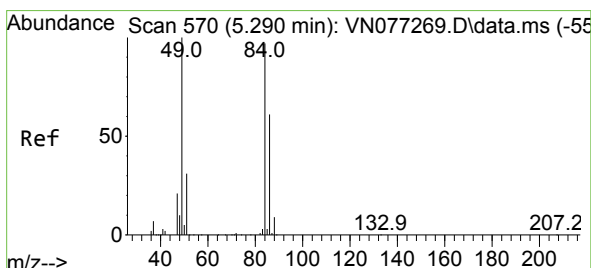
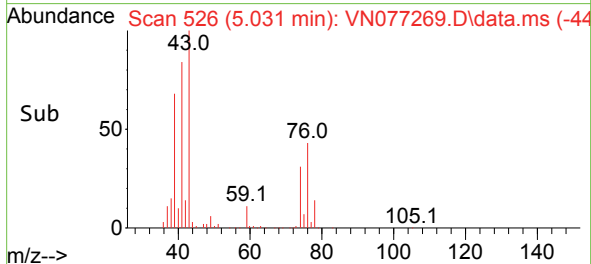
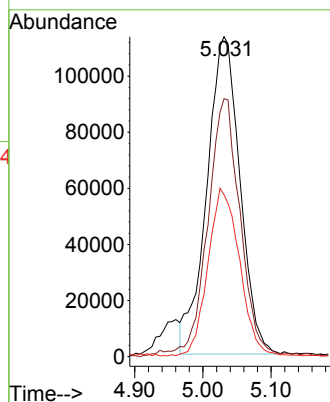
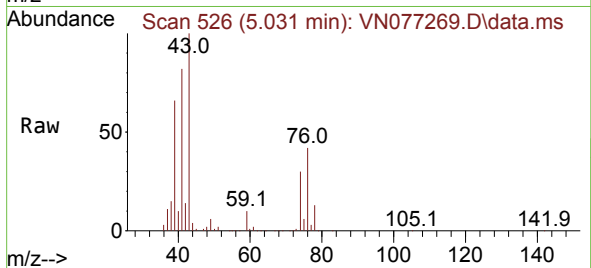




#17
 Allyl chloride
 Concen: 44.946 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

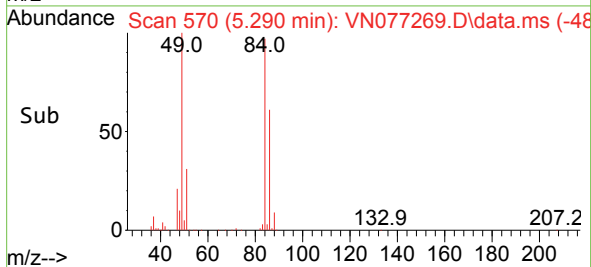
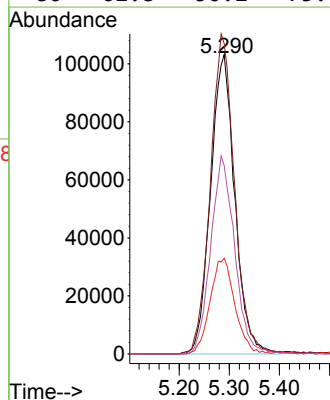
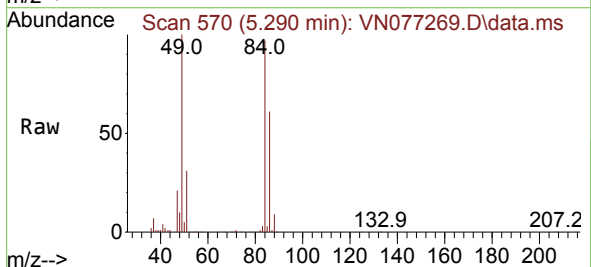
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

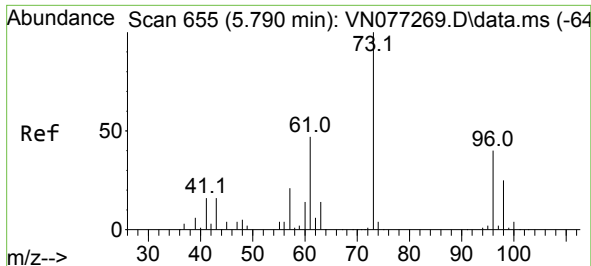
Tgt Ion: 41 Resp: 383684
 Ion Ratio Lower Upper
 41 100
 39 80.6 40.3 120.9
 76 50.5 25.3 75.8



#18
 Methylene Chloride
 Concen: 44.949 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

Tgt Ion: 84 Resp: 346145
 Ion Ratio Lower Upper
 84 100
 49 103.4 82.7 124.1
 51 32.0 25.6 38.4
 86 62.8 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 45.911 ug/l

RT: 5.790 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

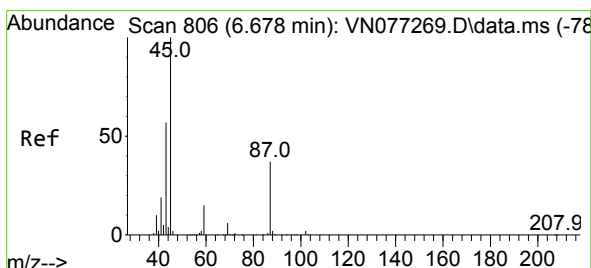
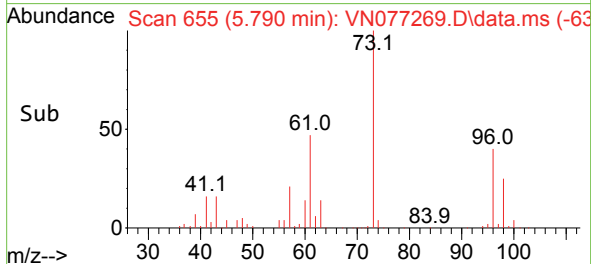
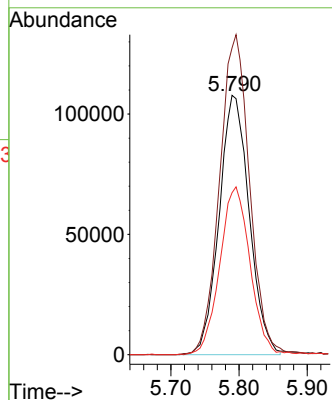
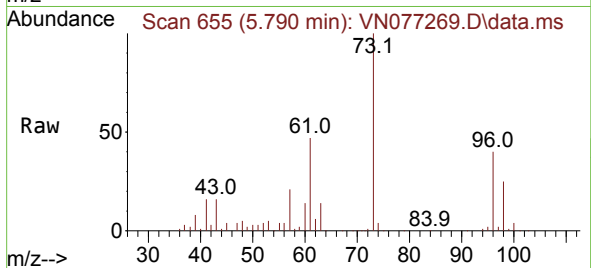
Tgt Ion: 96 Resp: 331046

Ion Ratio Lower Upper

96 100

61 118.1 94.5 141.7

98 62.3 49.8 74.8



#20

Diisopropyl ether

Concen: 45.908 ug/l

RT: 6.678 min Scan# 806

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Tgt Ion: 45 Resp: 934037

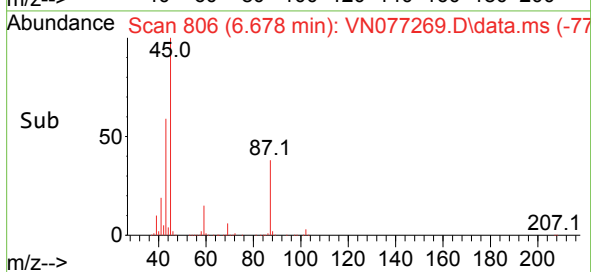
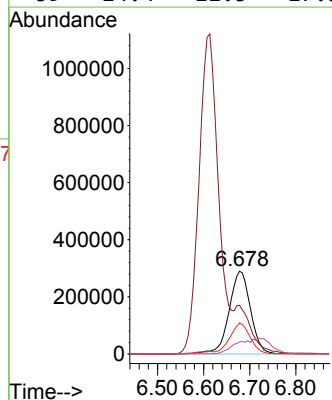
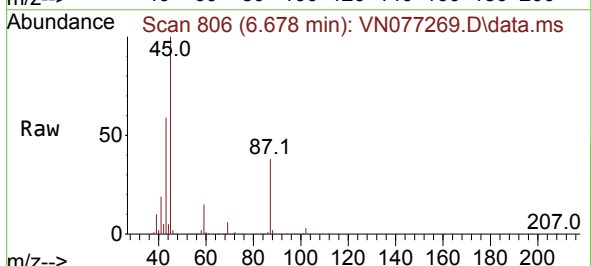
Ion Ratio Lower Upper

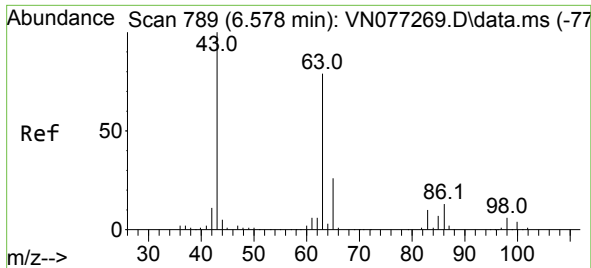
45 100

43 57.4 45.9 68.9

87 37.6 30.1 45.1

59 14.4 11.5 17.3

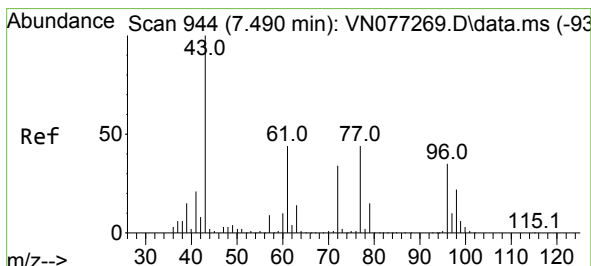
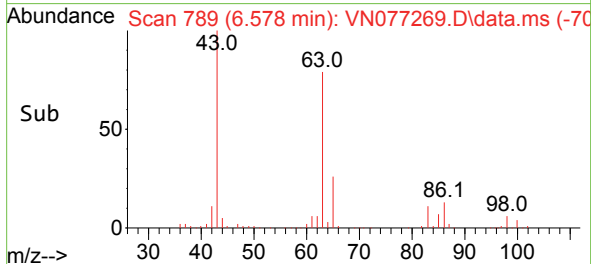
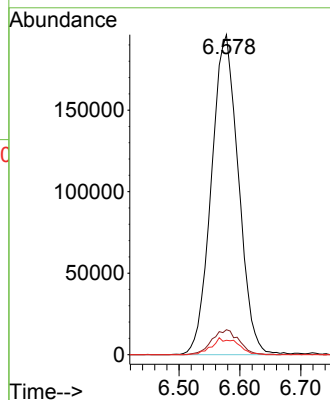
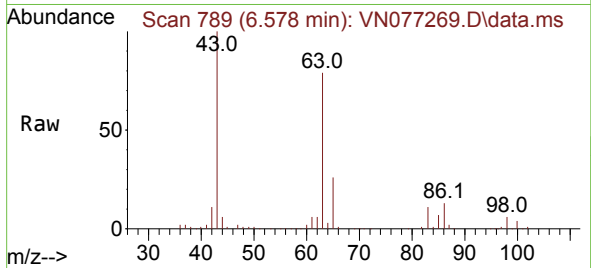




#21
1,1-Dichloroethane
Concen: 46.939 ug/l
RT: 6.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

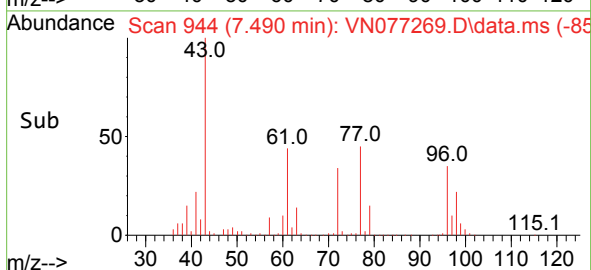
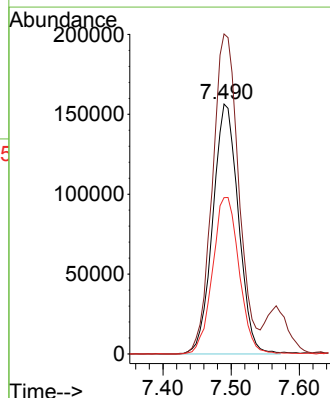
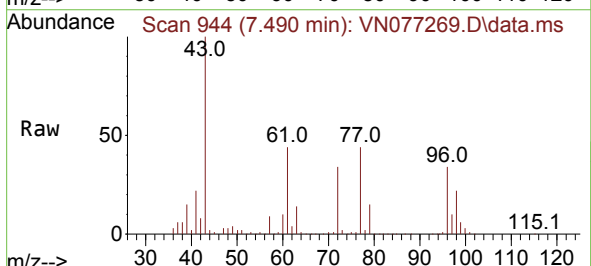
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

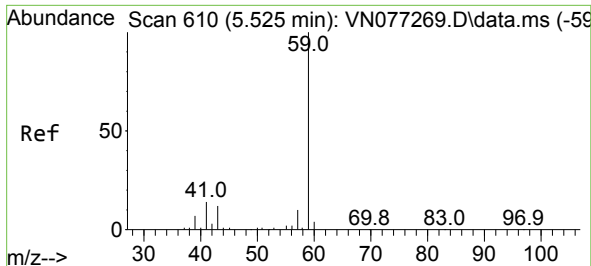
Tgt Ion: 63 Resp: 605321
Ion Ratio Lower Upper
63 100
98 7.8 3.9 11.7
100 4.5 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 46.616 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 96 Resp: 409758
Ion Ratio Lower Upper
96 100
61 131.9 105.5 158.3
98 64.7 51.8 77.6

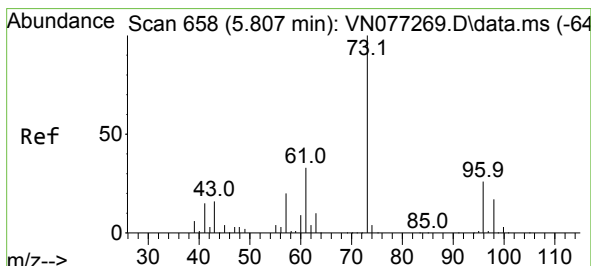
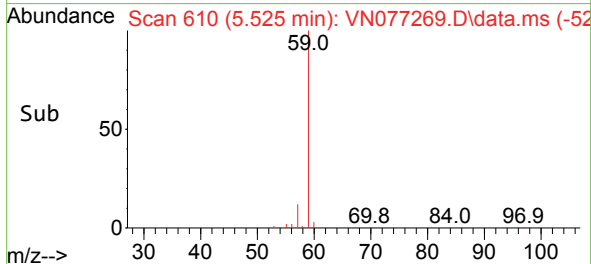
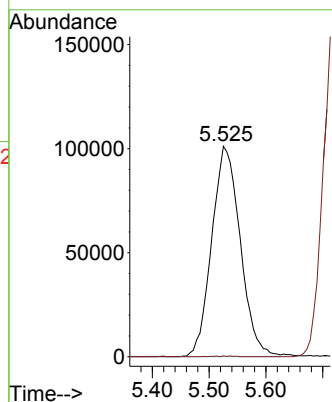
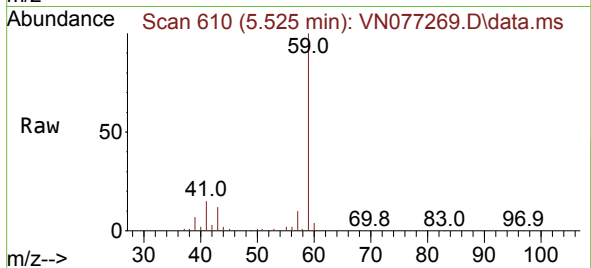




#23
tert-Butyl Alcohol
Concen: 234.861 ug/l
RT: 5.525 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

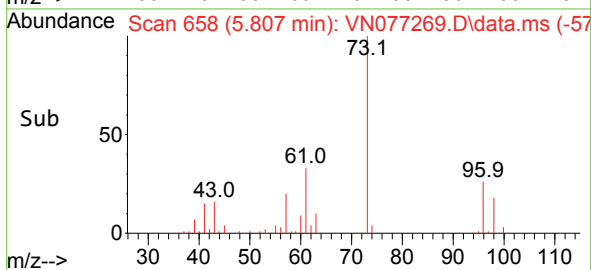
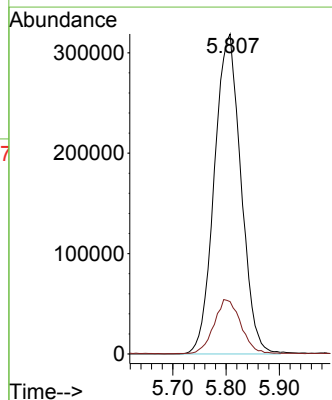
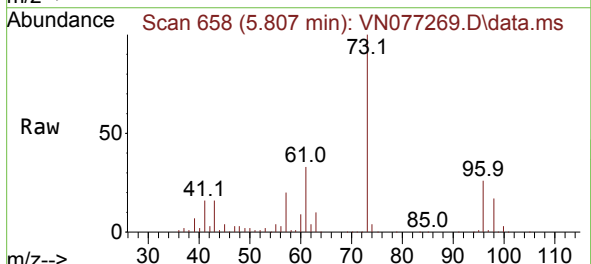
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

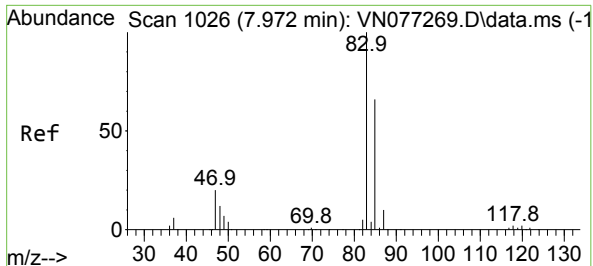
Tgt Ion: 59 Resp: 352680
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 46.343 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 73 Resp: 1106398
Ion Ratio Lower Upper
73 100
43 16.9 13.5 20.3





#25

Chloroform

Concen: 46.574 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

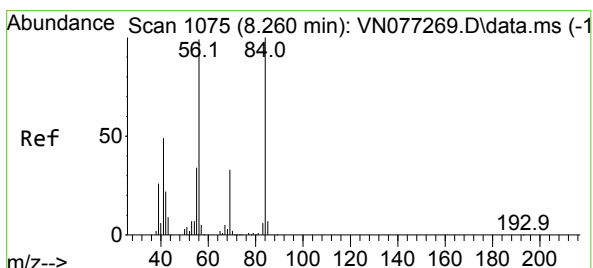
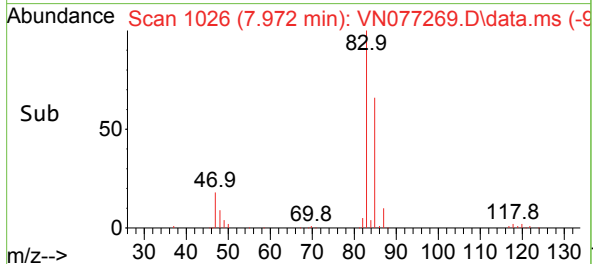
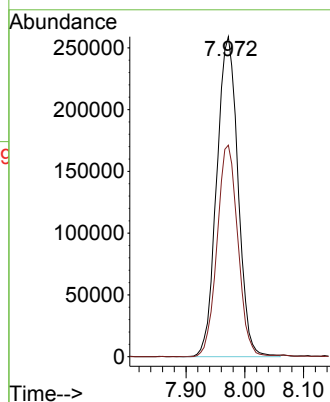
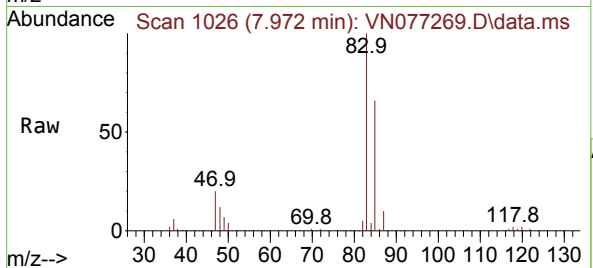
VSTDIC050

Tgt Ion: 83 Resp: 650910

Ion Ratio Lower Upper

83 100

85 66.1 52.9 79.3



#26

Cyclohexane

Concen: 46.571 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

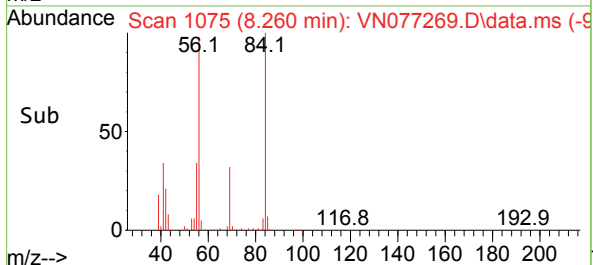
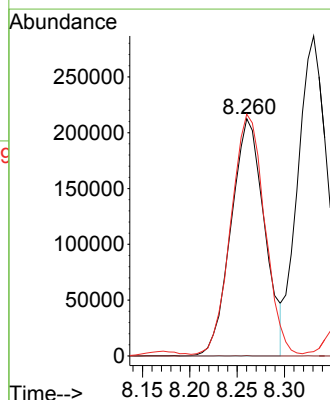
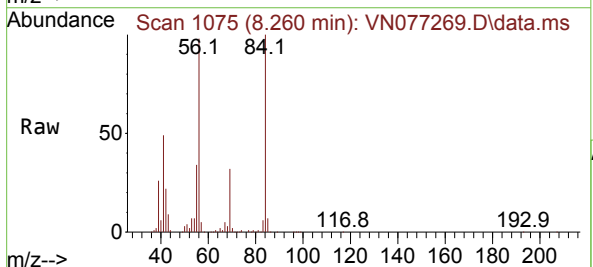
Tgt Ion: 56 Resp: 521869

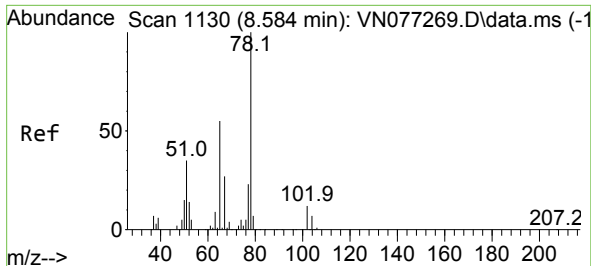
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 103.2 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 29.331 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

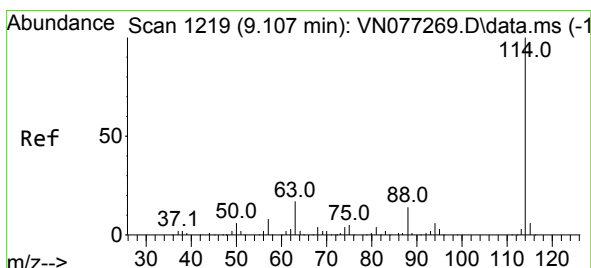
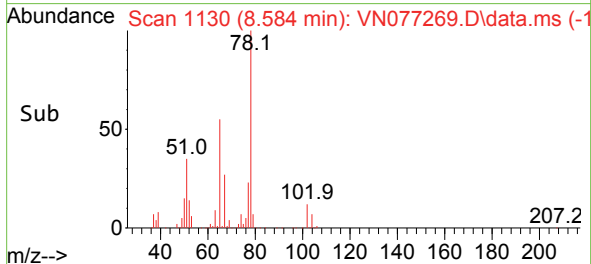
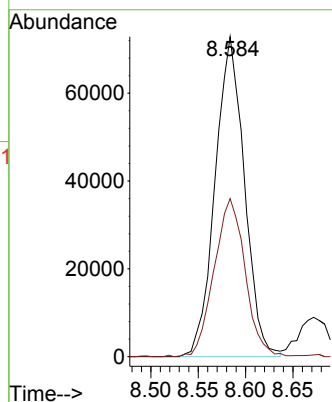
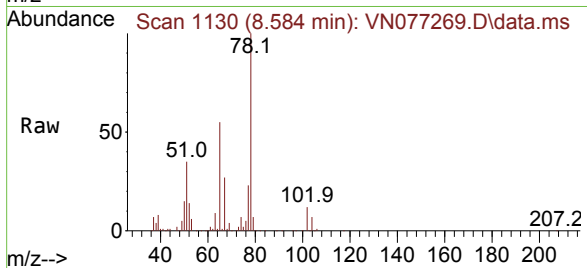
VSTDICC050

Tgt Ion: 65 Resp: 156552

Ion Ratio Lower Upper

65 100

67 52.2 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

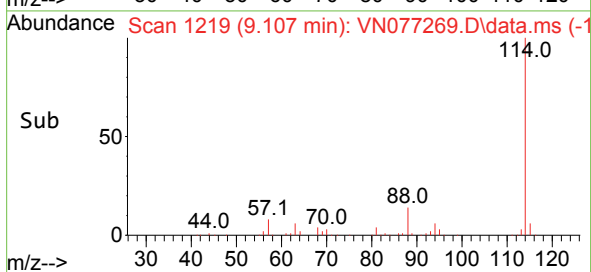
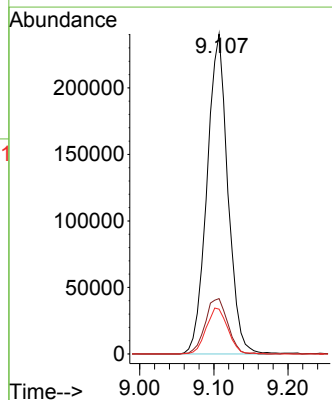
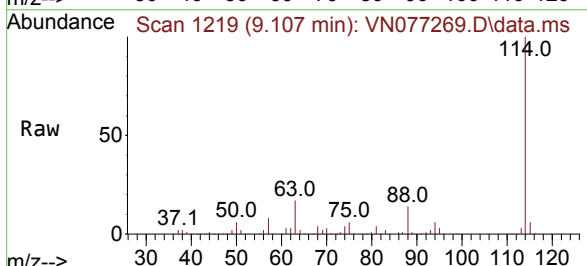
Tgt Ion: 114 Resp: 469886

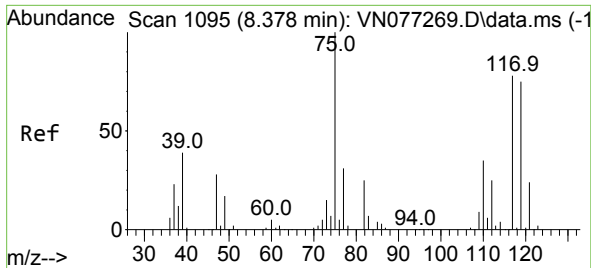
Ion Ratio Lower Upper

114 100

63 18.7 15.0 22.4

88 14.9 11.9 17.9





#29

1,1-Dichloropropene

Concen: 47.467 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

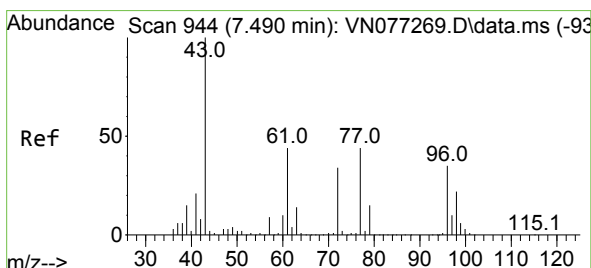
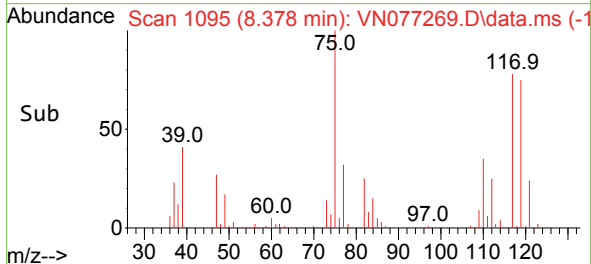
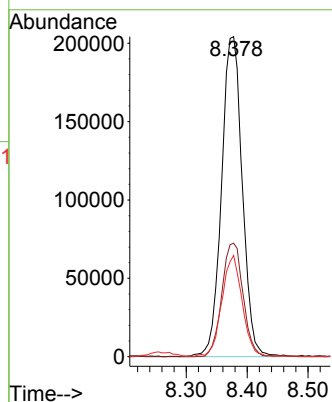
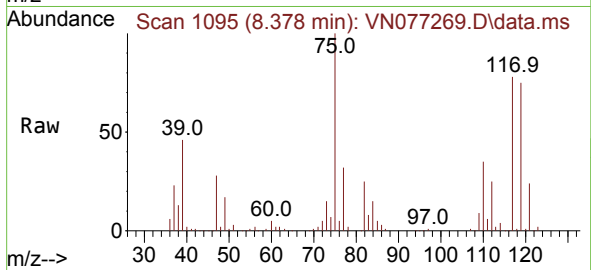
Tgt Ion: 75 Resp: 483168

Ion Ratio Lower Upper

75 100

110 36.2 0.0 72.4

77 30.7 0.0 61.4



#30

2-Butanone

Concen: 240.099 ug/l

RT: 7.490 min Scan# 944

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

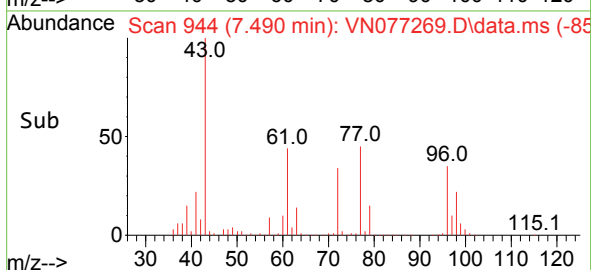
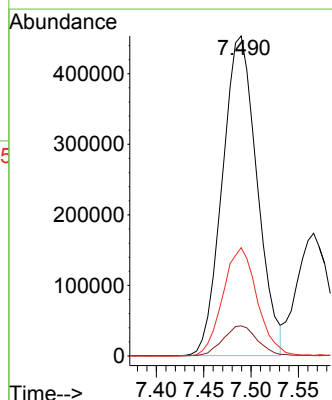
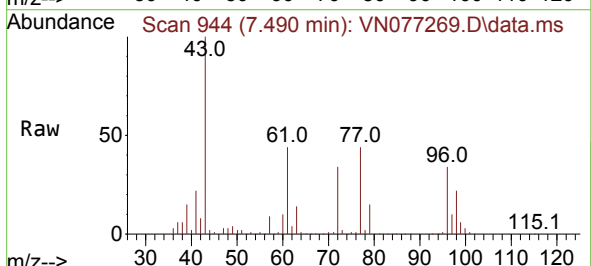
Tgt Ion: 43 Resp: 1155728

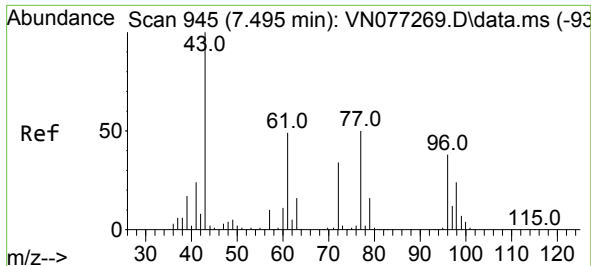
Ion Ratio Lower Upper

43 100

57 9.4 7.5 11.3

72 33.6 26.9 40.3

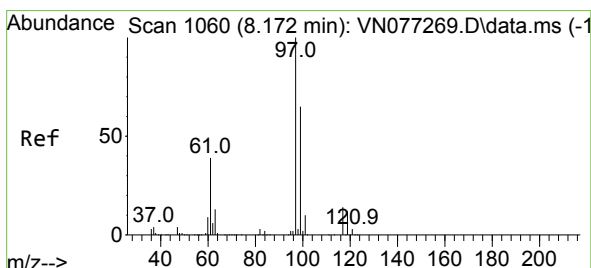
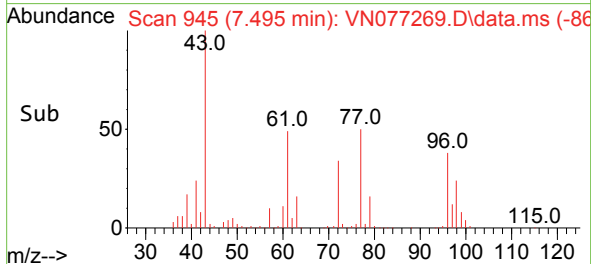
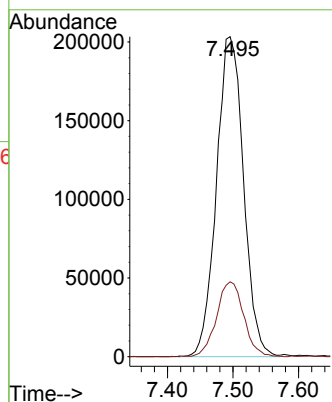
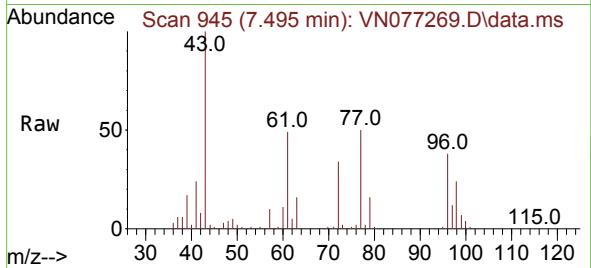




#31
2,2-Dichloropropane
Concen: 46.654 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

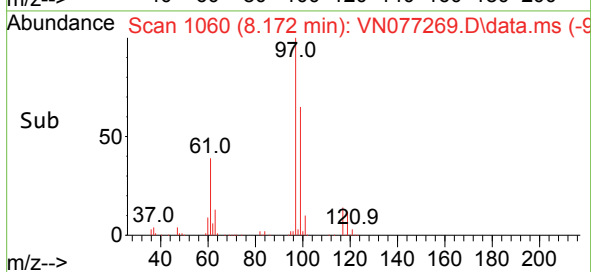
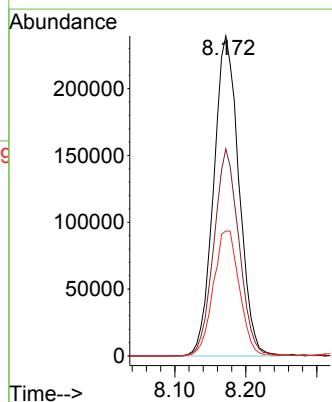
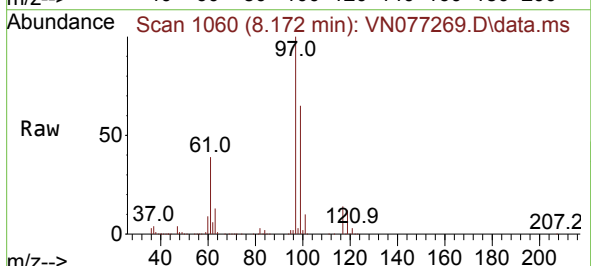
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

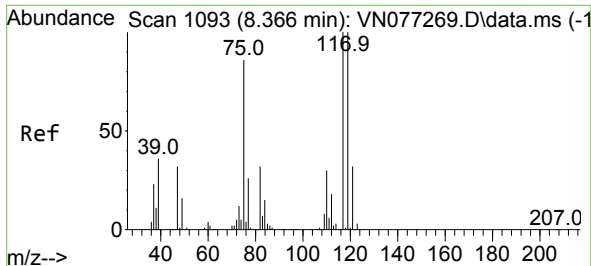
Tgt Ion: 77 Resp: 582975
Ion Ratio Lower Upper
77 100
97 23.5 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 47.185 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 97 Resp: 591083
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 40.5 32.4 48.6

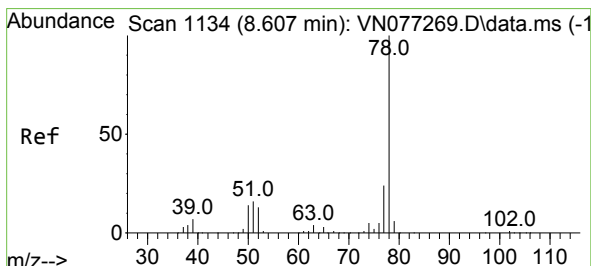
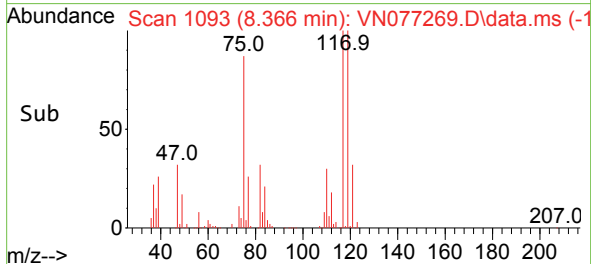
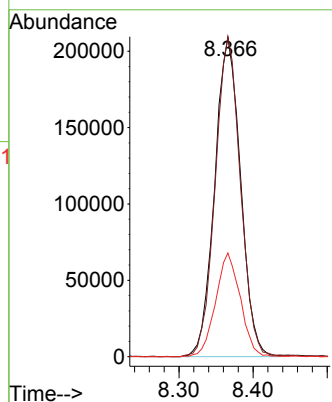
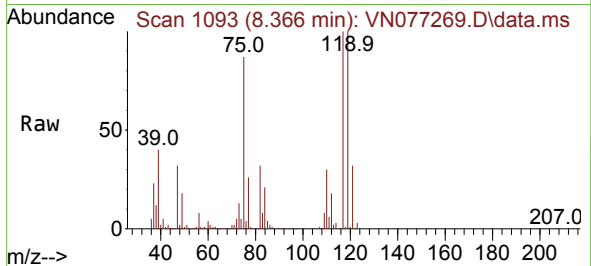




#33
Carbon Tetrachloride
Concen: 47.311 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

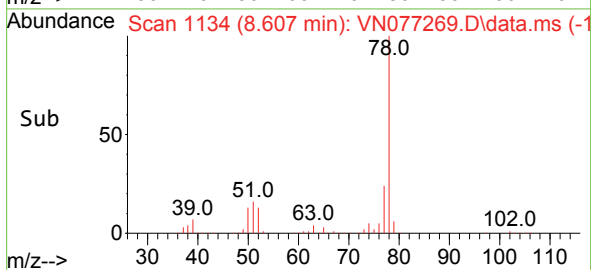
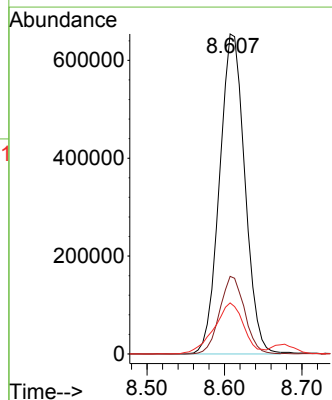
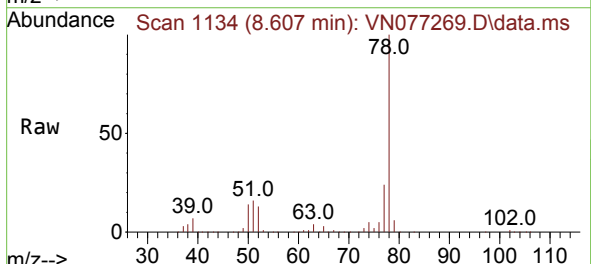
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

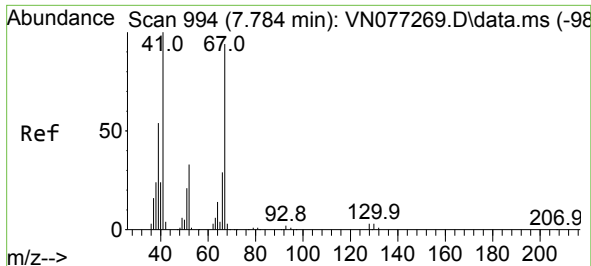
Tgt Ion:117 Resp: 505833
Ion Ratio Lower Upper
117 100
119 100.3 80.2 120.4
121 32.5 26.0 39.0



#34
Benzene
Concen: 47.192 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 78 Resp: 1486320
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0
51 15.8 12.6 19.0



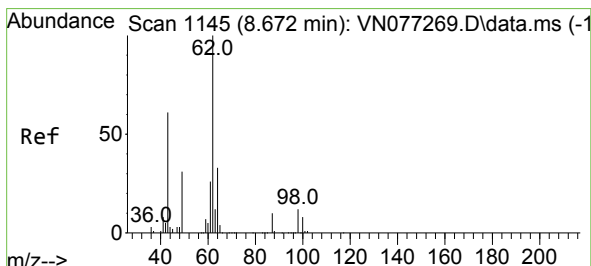
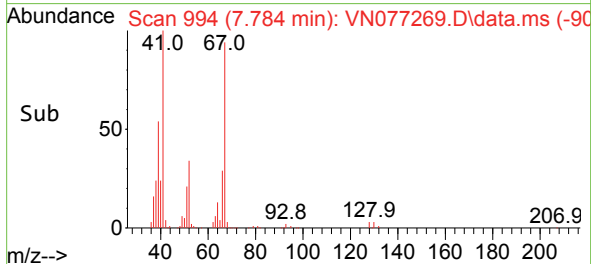
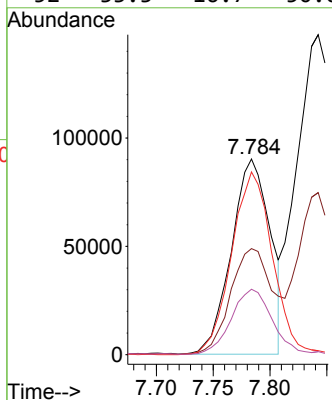
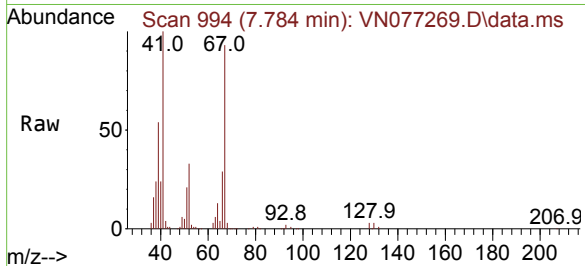


#35
Methacrylonitrile
Concen: 47.173 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 41 Resp: 213906

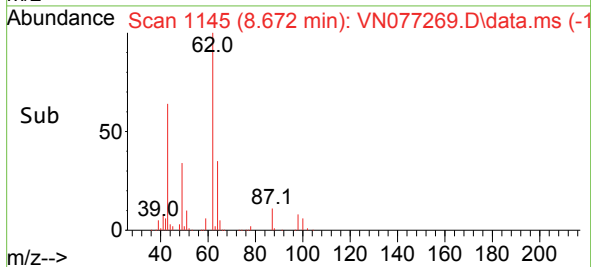
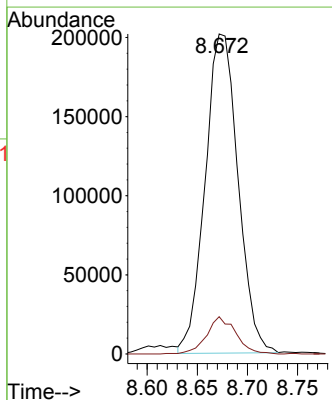
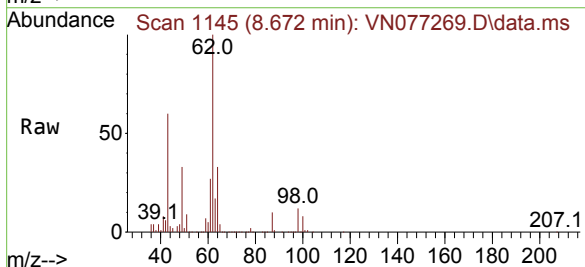
Ion	Ratio	Lower	Upper
41	100		
39	54.1	27.1	81.2
67	93.6	46.8	140.4
52	33.3	16.7	50.0

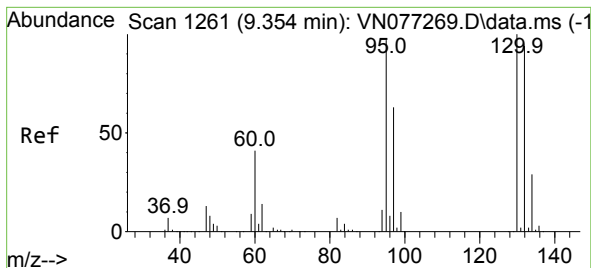


#36
1,2-Dichloroethane
Concen: 46.676 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 62 Resp: 460901

Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.3	12.5





#37

Trichloroethene

Concen: 47.049 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

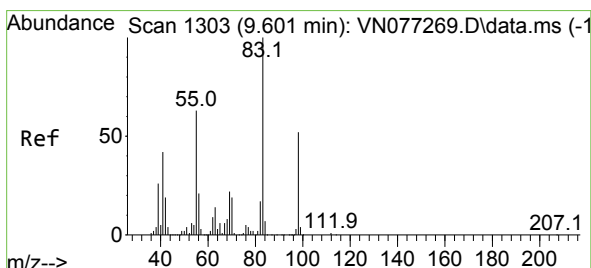
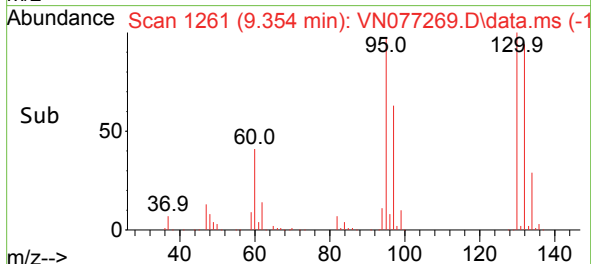
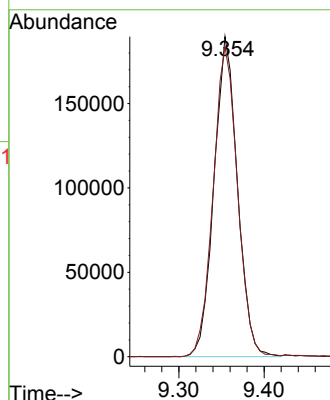
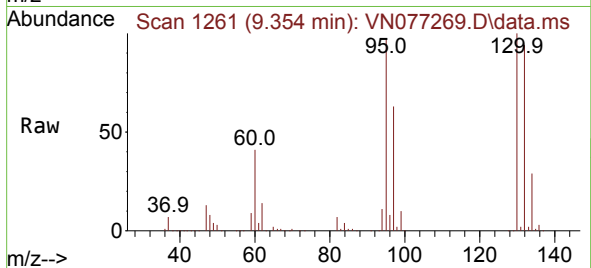
VSTDIC050

Tgt Ion:130 Resp: 362453

Ion Ratio Lower Upper

130 100

95 96.9 77.5 116.3



#38

Methylcyclohexane

Concen: 47.024 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

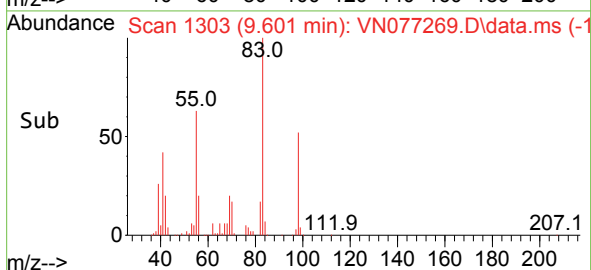
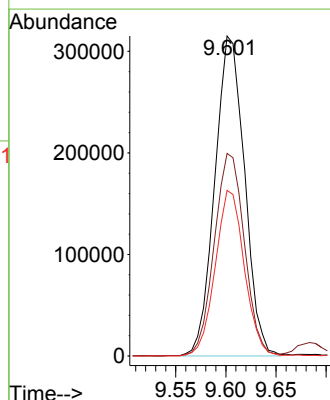
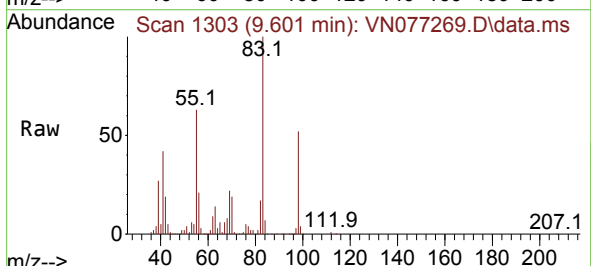
Tgt Ion: 83 Resp: 649185

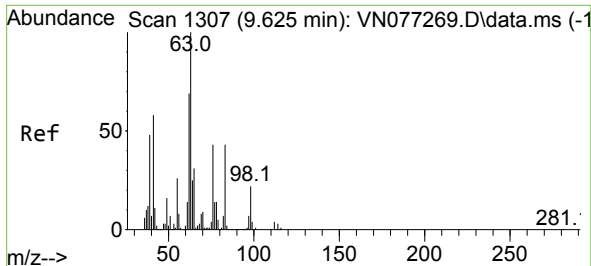
Ion Ratio Lower Upper

83 100

55 64.1 32.0 96.2

98 50.6 25.3 75.9





#39

1,2-Dichloropropane

Concen: 47.048 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

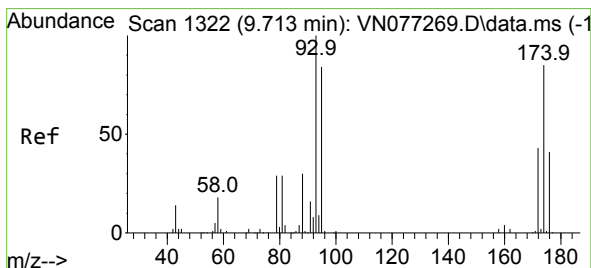
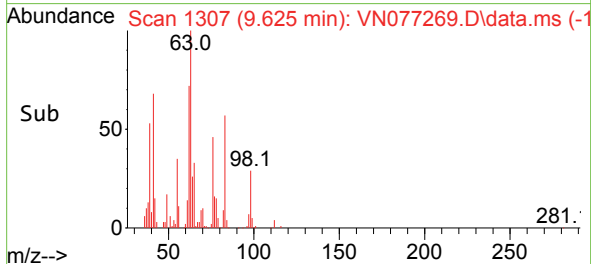
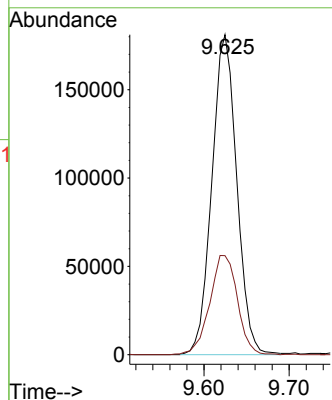
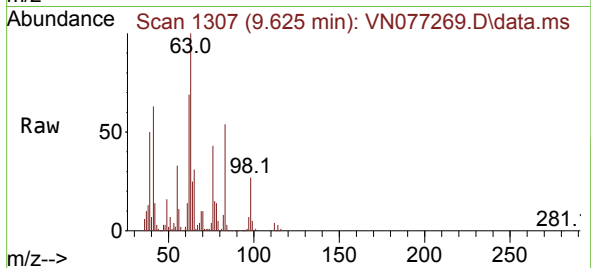
VSTDIC050

Tgt Ion: 63 Resp: 367848

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#40

Dibromomethane

Concen: 47.023 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

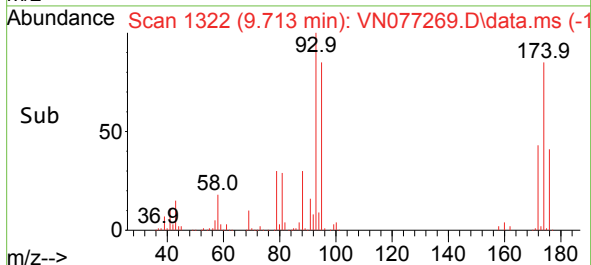
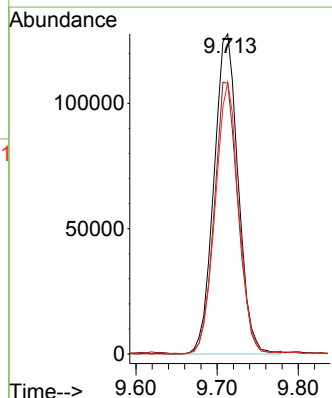
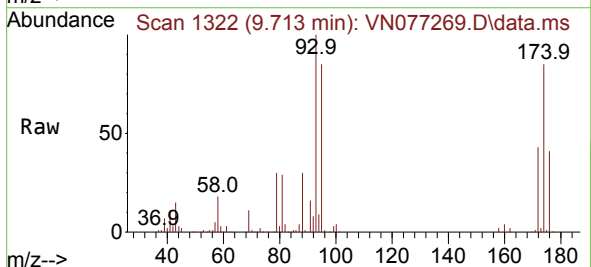
Tgt Ion: 93 Resp: 264898

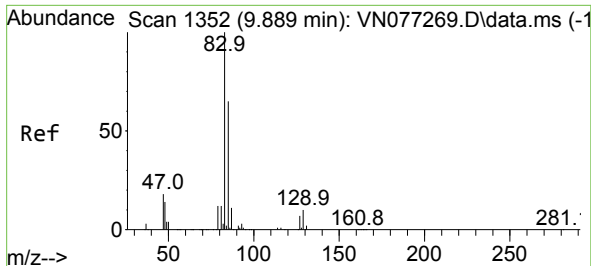
Ion Ratio Lower Upper

93 100

95 83.2 0.0 166.4

174 82.4 0.0 164.8

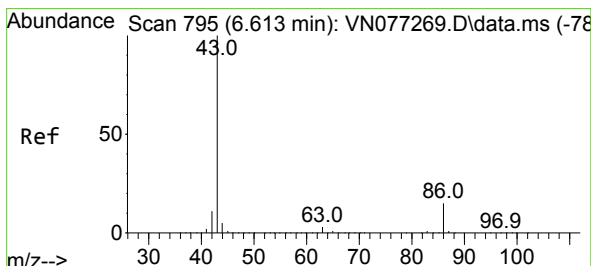
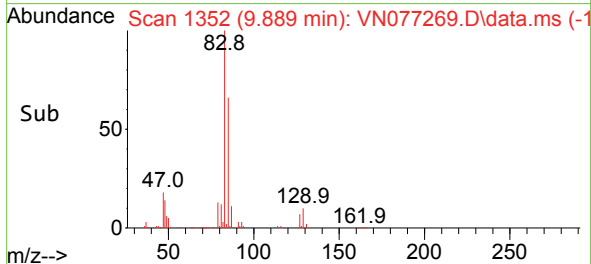
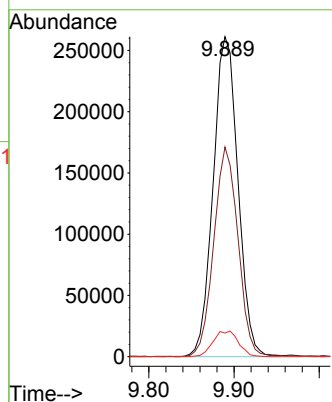
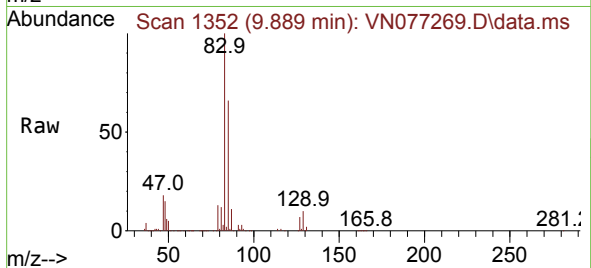




#41
Bromodichloromethane
Concen: 47.029 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

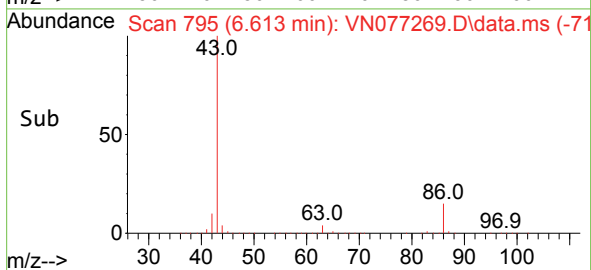
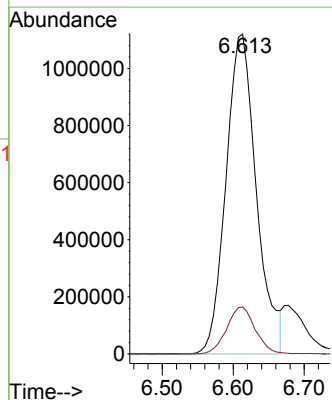
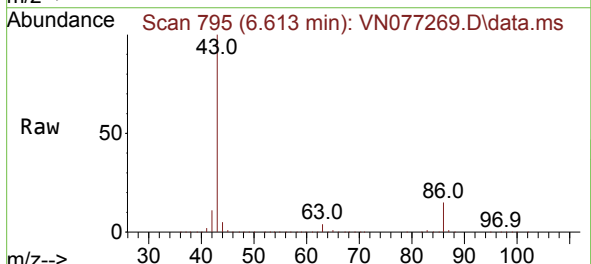
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

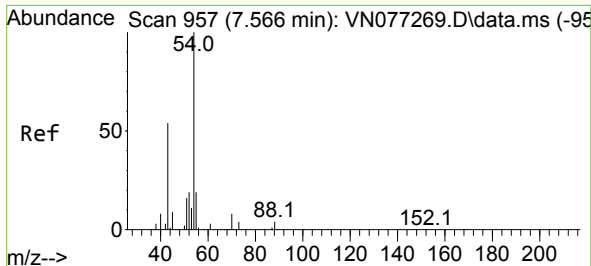
Tgt Ion: 83 Resp: 528285
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5
127 7.4 5.9 8.9



#42
Vinyl Acetate
Concen: 239.537 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 43 Resp: 3337059
Ion Ratio Lower Upper
43 100
86 13.9 0.0 0.0#

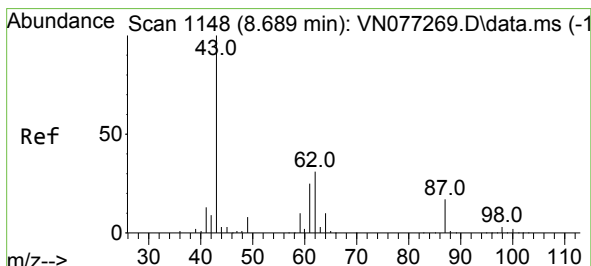
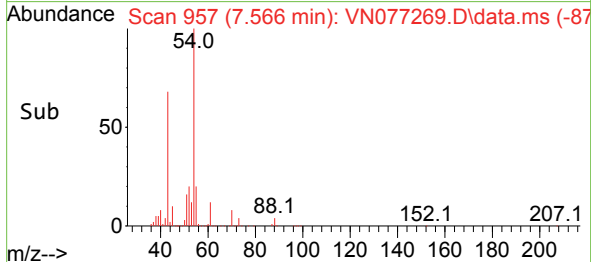
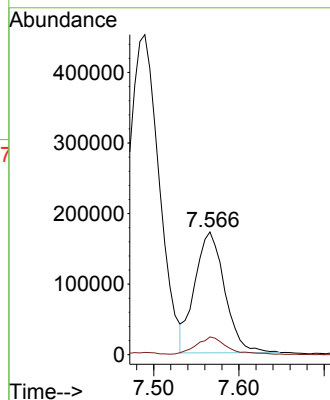
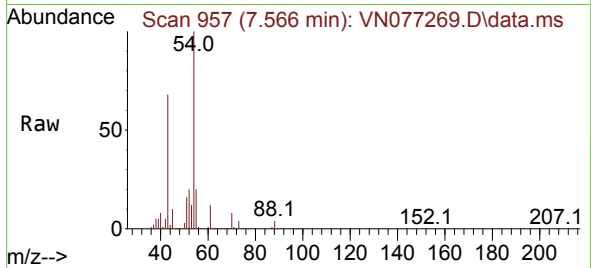




#43
Ethyl Acetate
Concen: 46.810 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

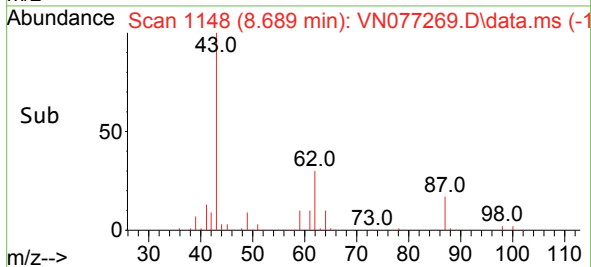
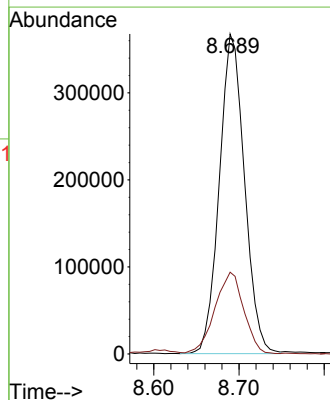
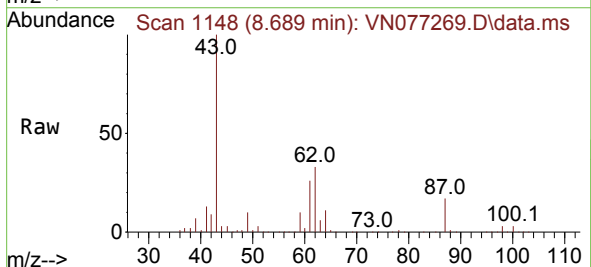
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

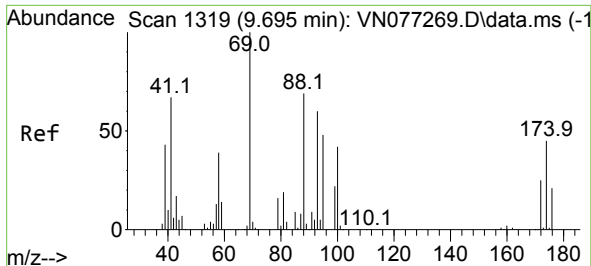
Tgt Ion: 43 Resp: 416865
Ion Ratio Lower Upper
43 100
45 15.4 12.3 18.5



#44
Isopropyl Acetate
Concen: 47.274 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 43 Resp: 753797
Ion Ratio Lower Upper
43 100
61 29.4 0.0 0.0#

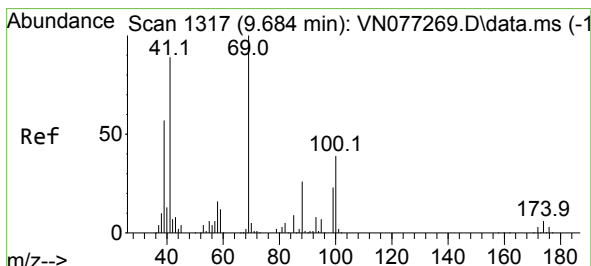
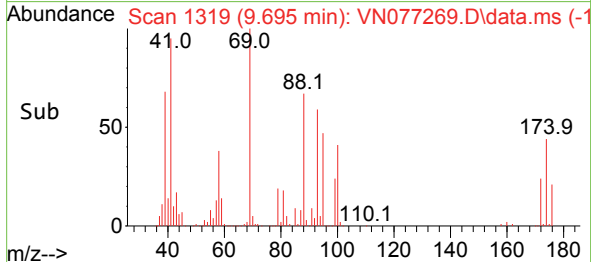
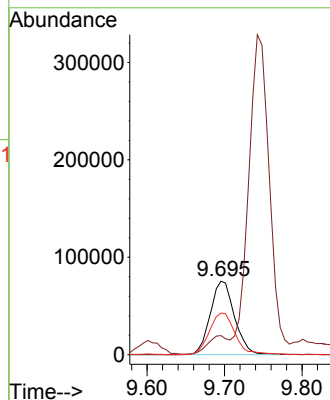
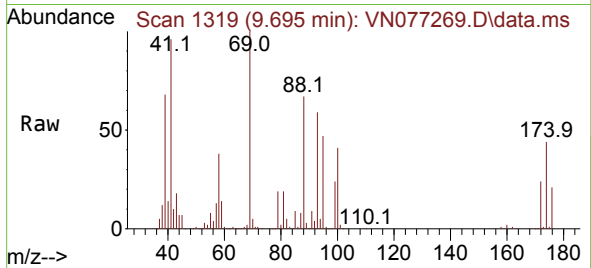




#45
1,4-Dioxane
Concen: 977.372 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

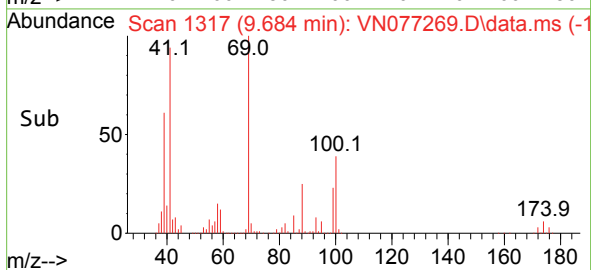
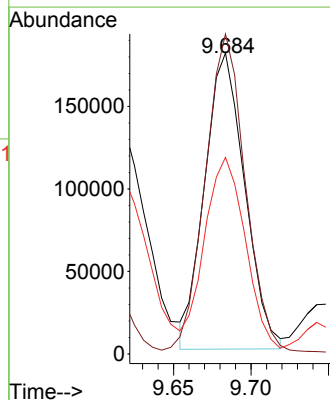
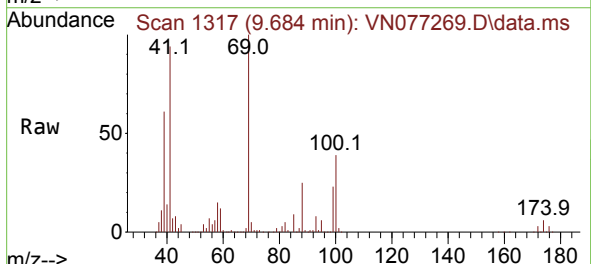
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

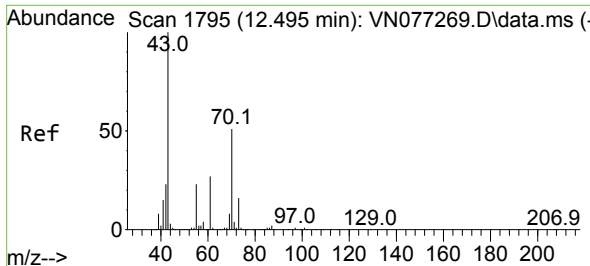
Tgt Ion: 88 Resp: 164360
Ion Ratio Lower Upper
88 100
43 21.7 17.4 26.0
58 60.3 48.2 72.4



#46
Methyl methacrylate
Concen: 46.931 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 41 Resp: 322192
Ion Ratio Lower Upper
41 100
69 109.0 54.5 163.5
39 66.8 33.4 100.2

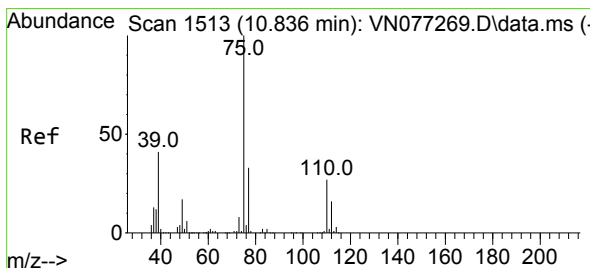
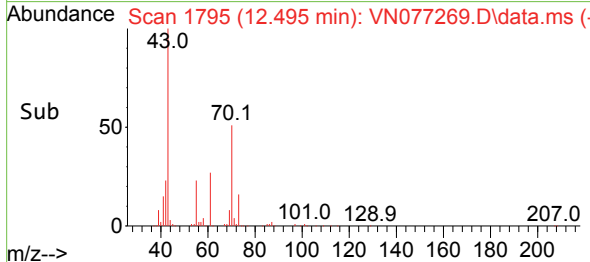
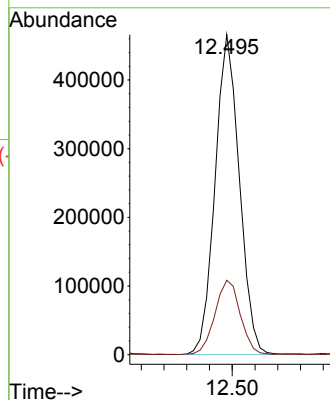
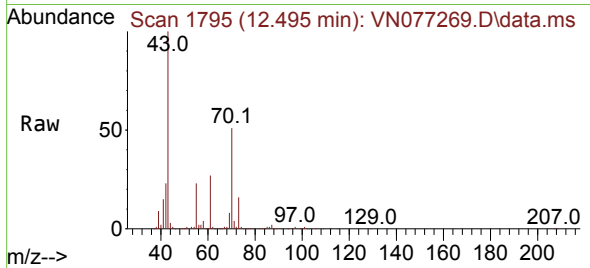




#47
n-amyl acetate
Concen: 49.603 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

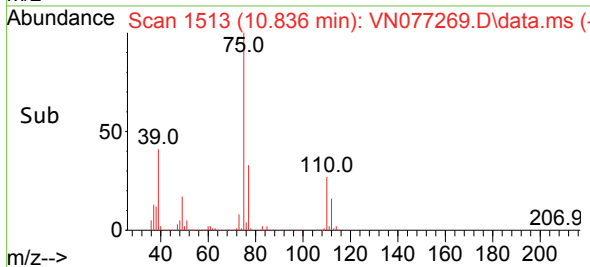
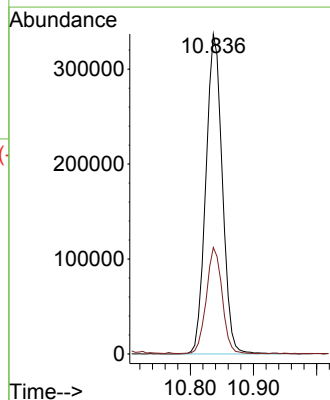
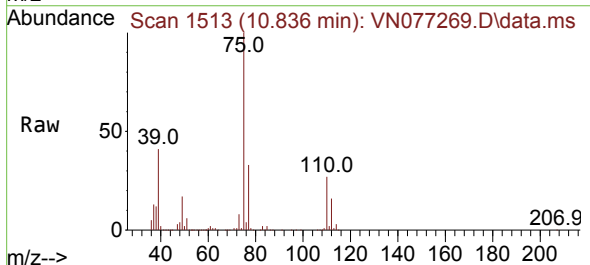
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

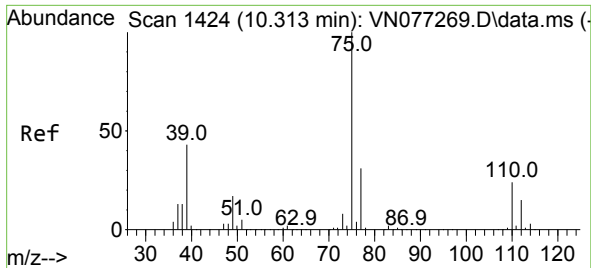
Tgt Ion: 43 Resp: 691201
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 48.488 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 75 Resp: 609576
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7

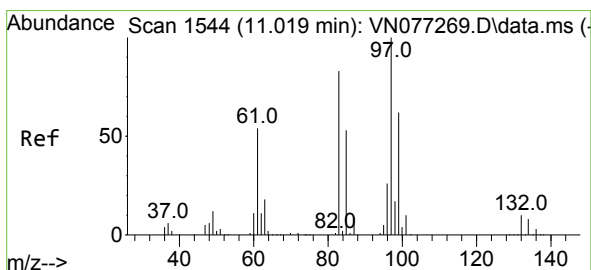
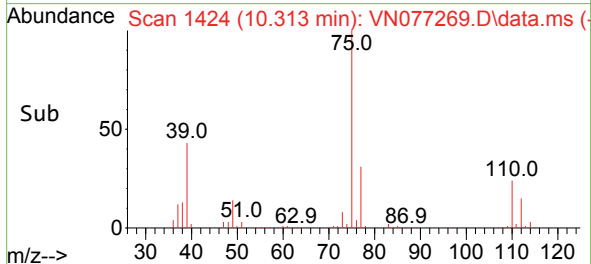
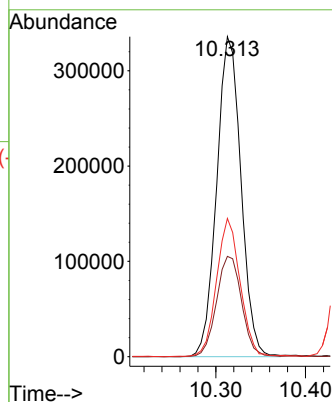
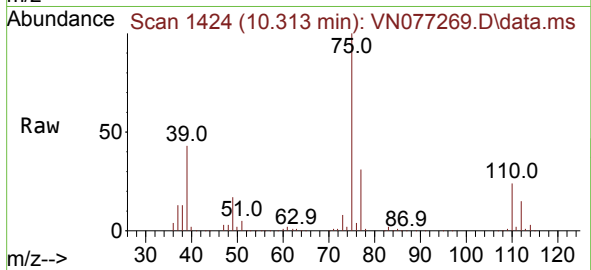




#49
 cis-1,3-Dichloropropene
 Concen: 47.134 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

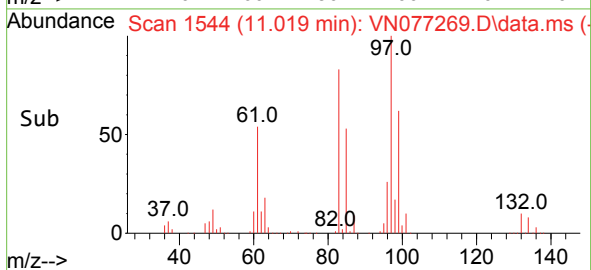
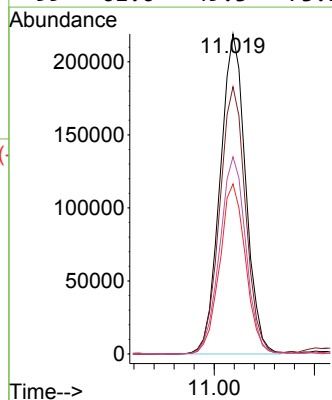
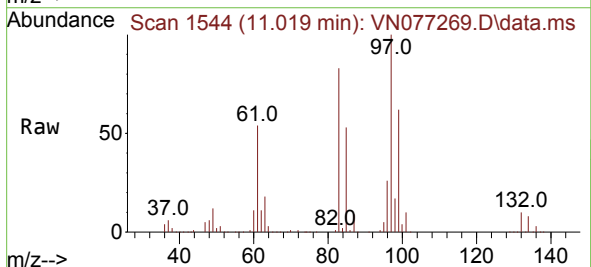
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

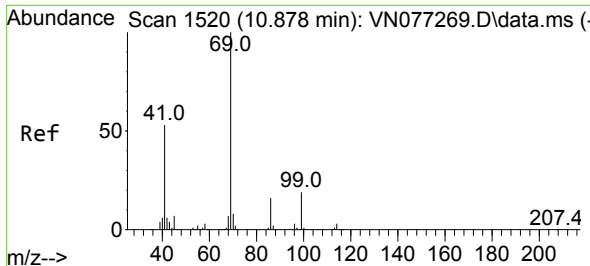
Tgt Ion: 75 Resp: 630373
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 43.0 34.4 51.6



#50
 1,1,2-Trichloroethane
 Concen: 47.375 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

Tgt Ion: 97 Resp: 387654
 Ion Ratio Lower Upper
 97 100
 83 83.4 66.7 100.1
 85 53.0 42.4 63.6
 99 61.6 49.3 73.9

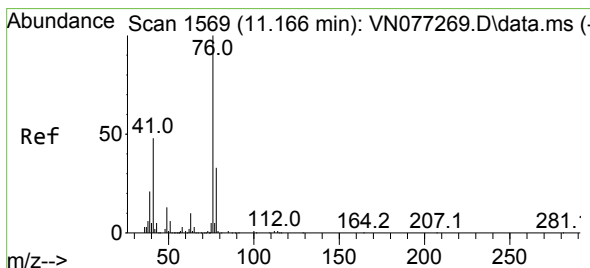
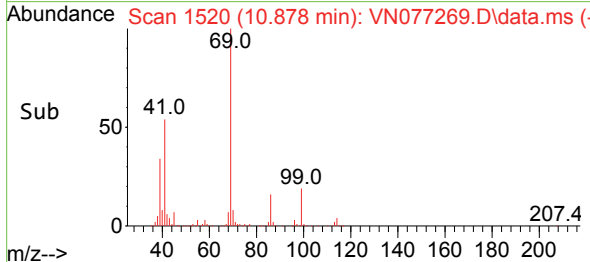
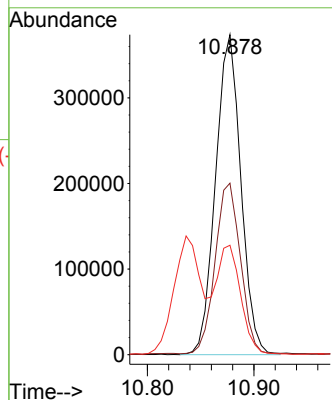
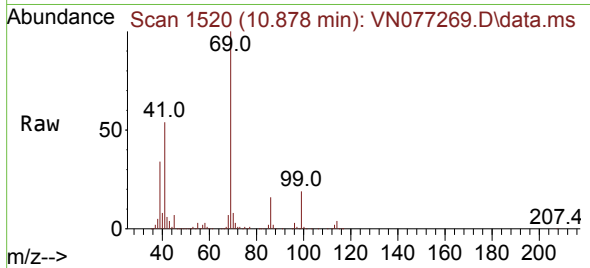




#51
Ethyl methacrylate
Concen: 49.099 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

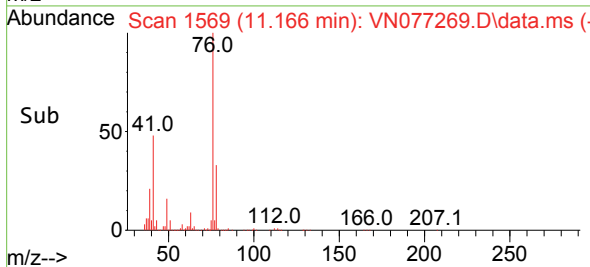
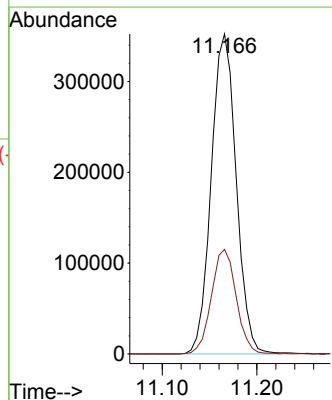
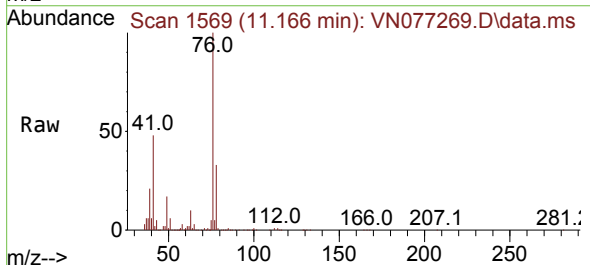
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

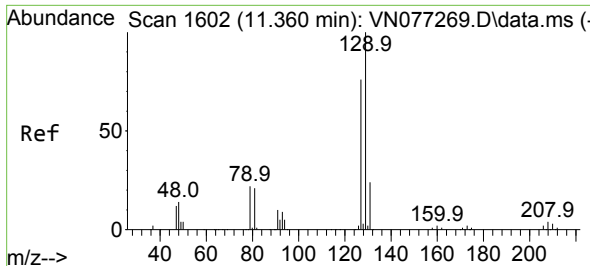
Tgt Ion: 69 Resp: 616969
Ion Ratio Lower Upper
69 100
41 53.3 26.7 80.0
39 33.9 17.0 50.9



#52
1,3-Dichloropropane
Concen: 47.210 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 76 Resp: 644736
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.0

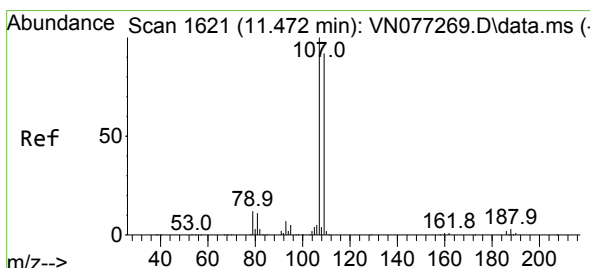
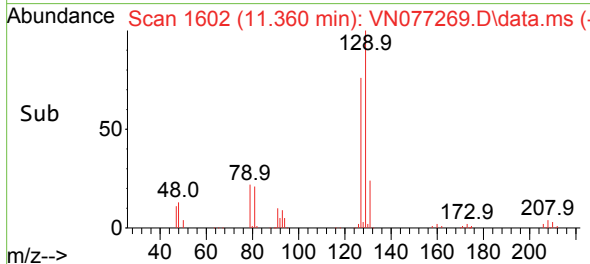
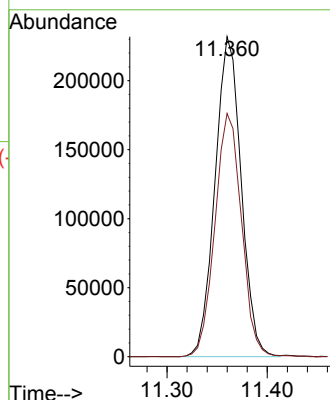
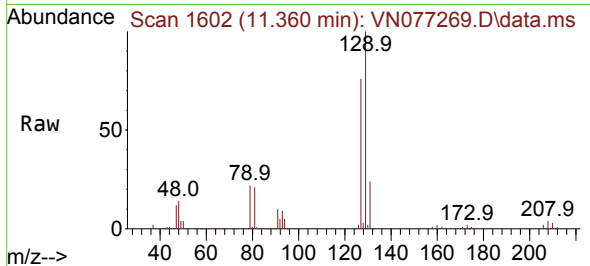




#53
Dibromochloromethane
Concen: 48.738 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

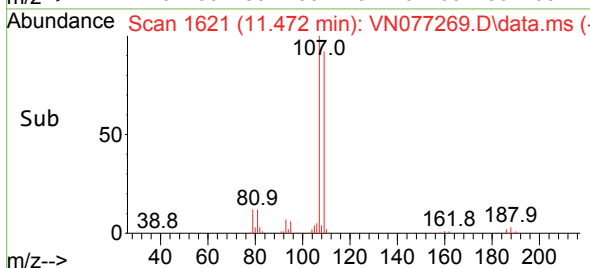
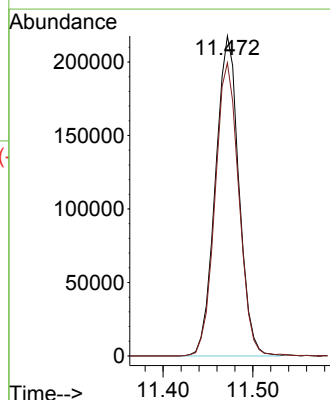
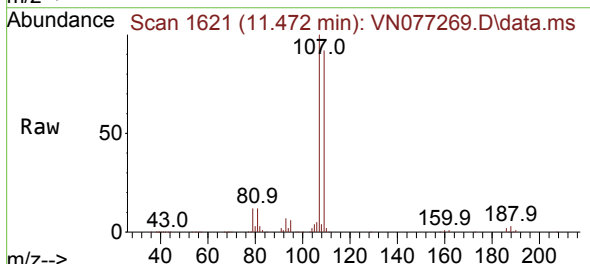
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

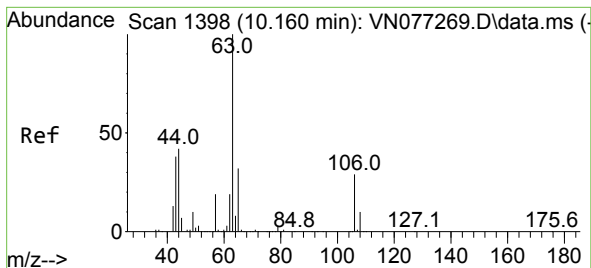
Tgt Ion:129 Resp: 420325
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8



#54
1,2-Dibromoethane
Concen: 48.133 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion:107 Resp: 395382
Ion Ratio Lower Upper
107 100
109 92.6 74.1 111.1

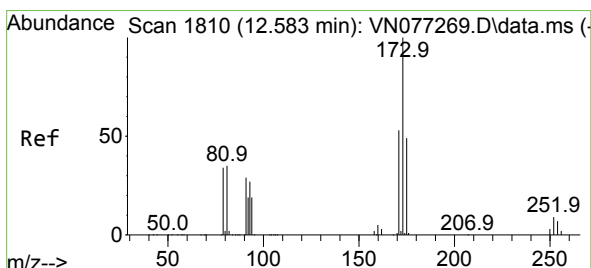
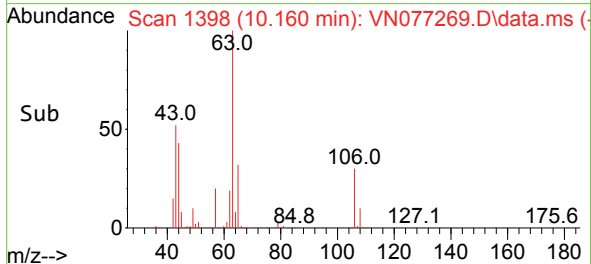
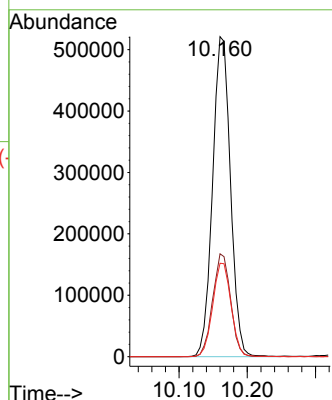
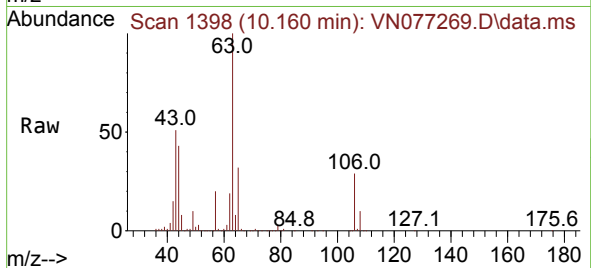




#55
2-Chloroethyl vinyl ether
Concen: 245.213 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

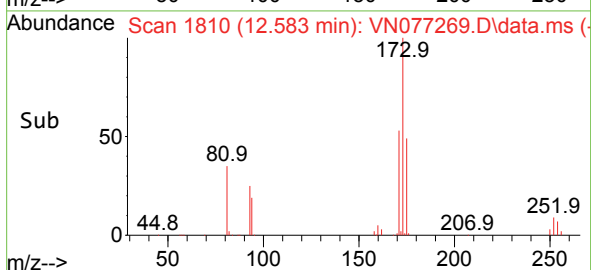
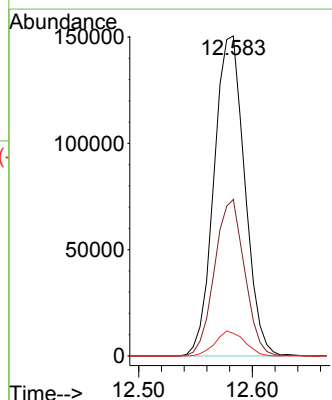
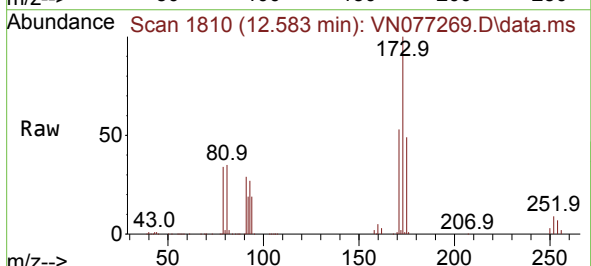
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

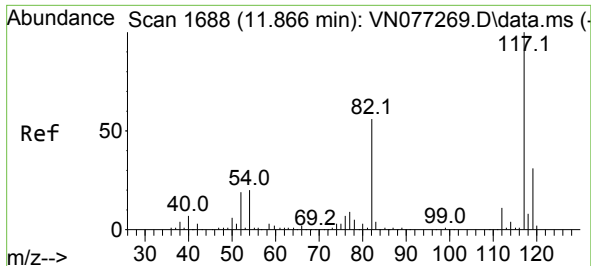
Tgt Ion: 63 Resp: 951336
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 30.0 24.0 36.0



#56
Bromoform
Concen: 48.826 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 173 Resp: 282858
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 7.5 6.0 9.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

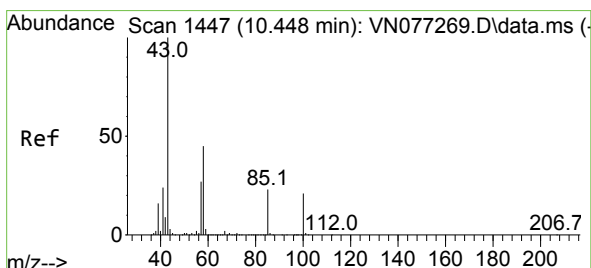
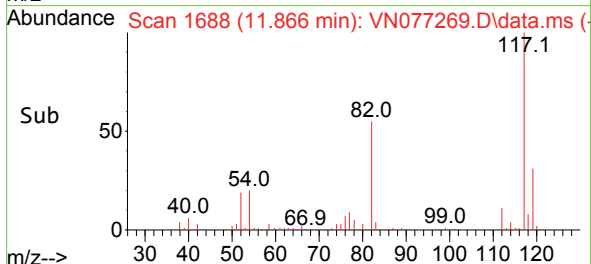
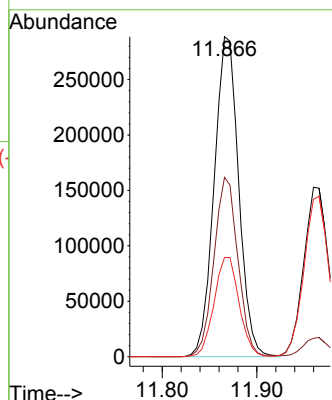
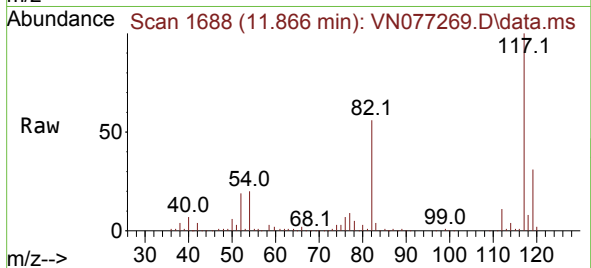
Tgt Ion:117 Resp: 519769

Ion Ratio Lower Upper

117 100

82 54.8 43.8 65.8

119 31.7 25.4 38.0



#58

4-Methyl-2-Pentanone

Concen: 241.035 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

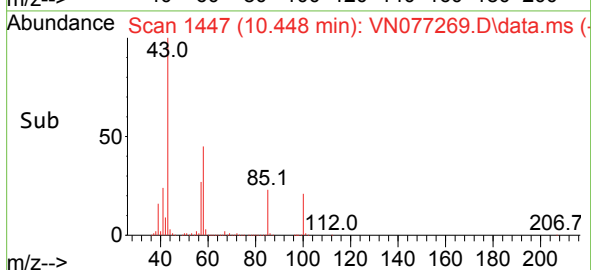
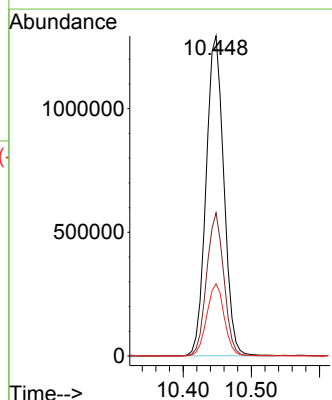
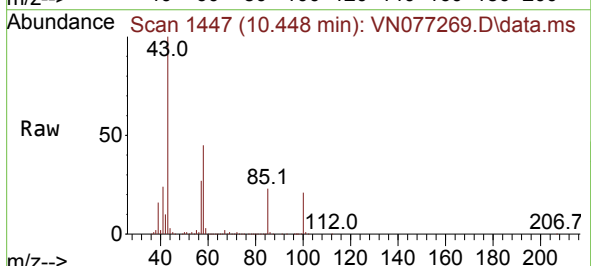
Tgt Ion: 43 Resp: 2345724

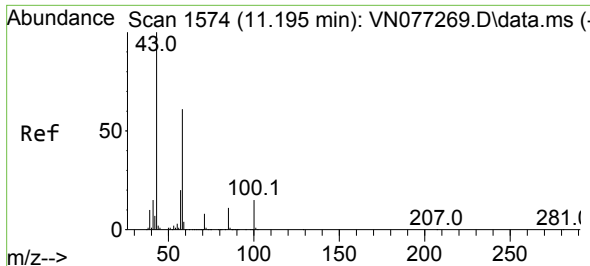
Ion Ratio Lower Upper

43 100

58 43.4 34.7 52.1

85 22.3 17.8 26.8

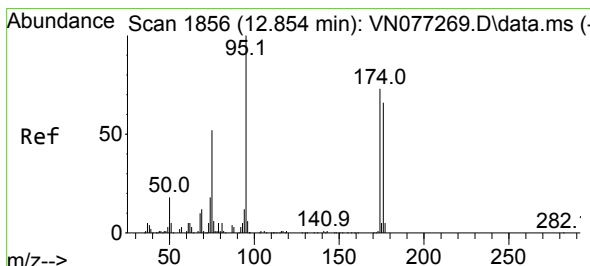
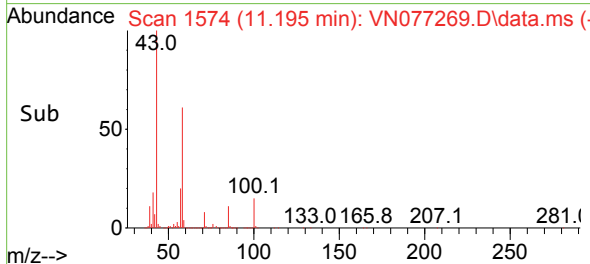
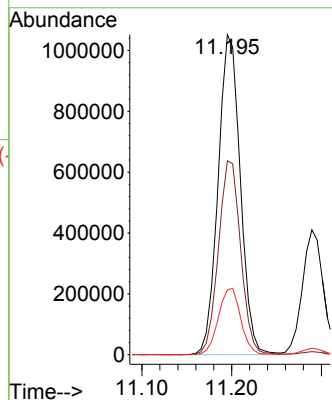
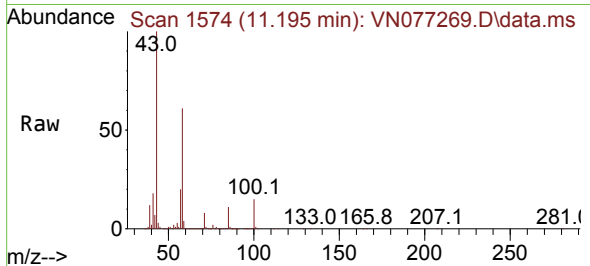




#59
2-Hexanone
Concen: 240.111 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

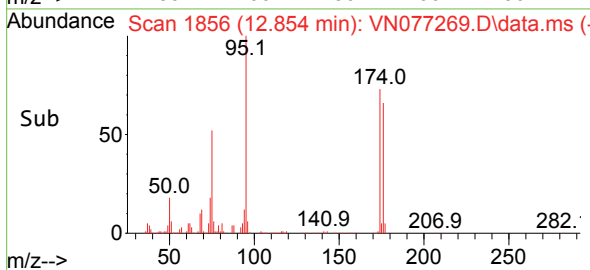
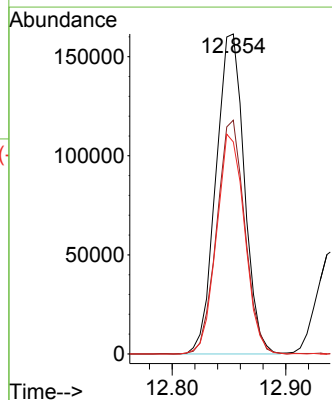
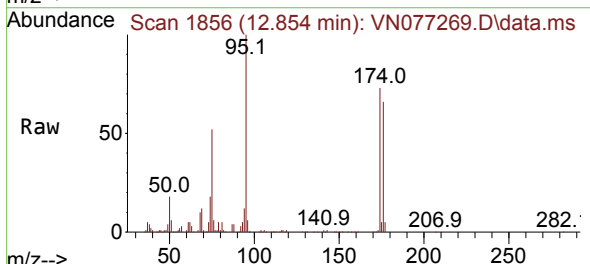
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

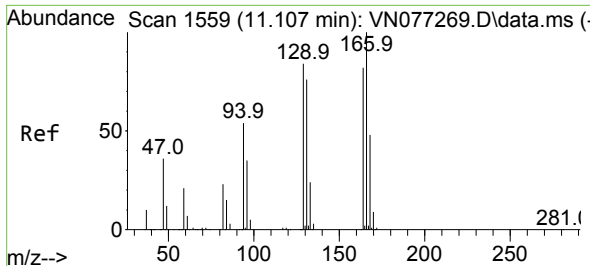
Tgt Ion: 43 Resp: 1806207
Ion Ratio Lower Upper
43 100
58 60.8 48.6 73.0
57 20.9 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 31.176 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 95 Resp: 280196
Ion Ratio Lower Upper
95 100
174 72.3 57.8 86.8
176 68.2 54.6 81.8

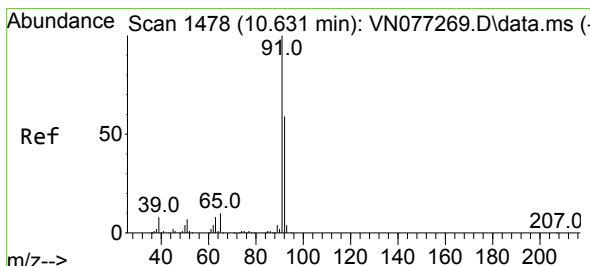
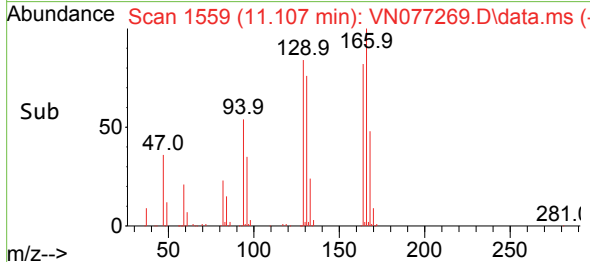
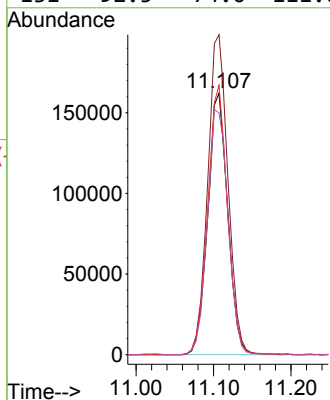
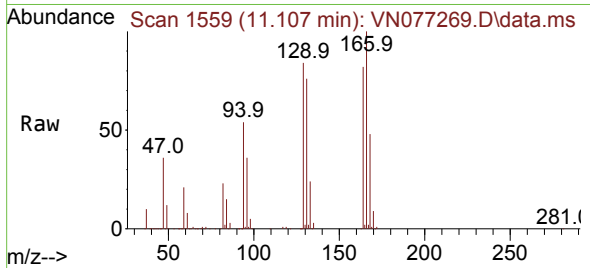




#61
Tetrachloroethene
Concen: 46.812 ug/l
RT: 11.107 min Scan# 11559
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

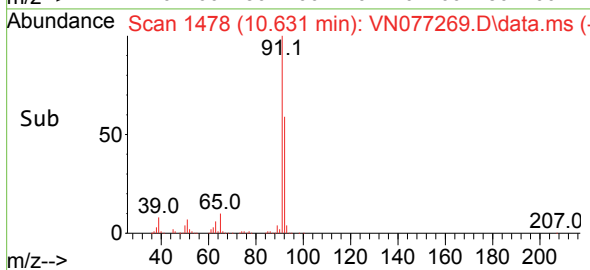
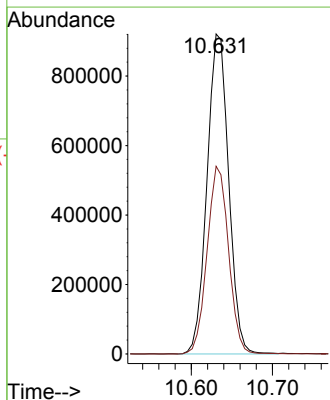
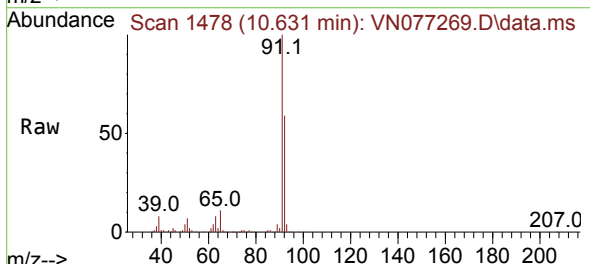
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

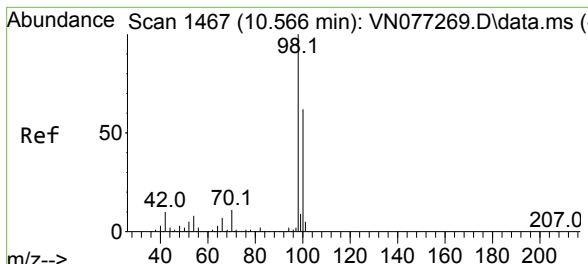
Tgt Ion:164 Resp: 289400
Ion Ratio Lower Upper
164 100
166 122.4 97.9 146.9
129 103.1 82.5 123.7
131 92.5 74.0 111.0



#62
Toluene
Concen: 46.976 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 91 Resp: 1703599
Ion Ratio Lower Upper
91 100
92 58.3 46.6 70.0

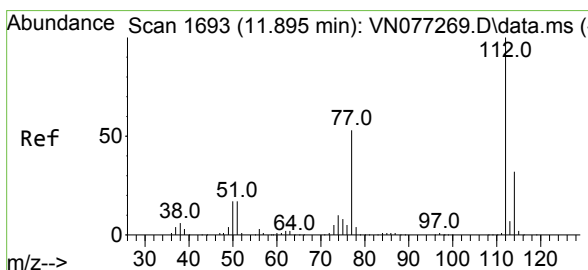
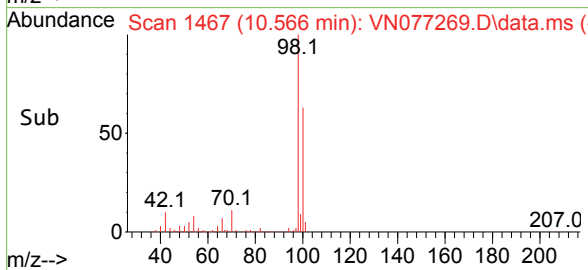
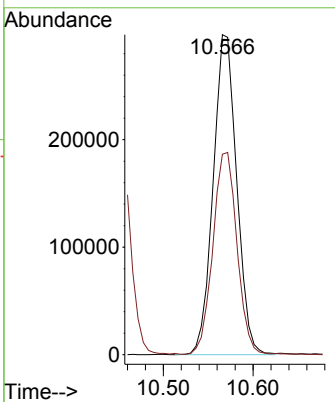
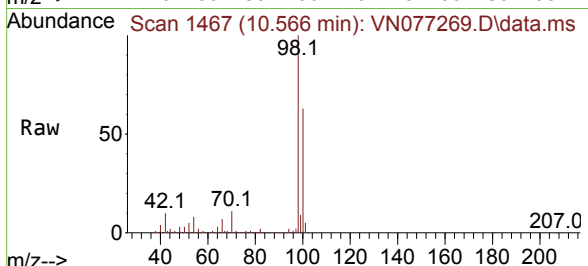




#63
 Toluene-d8
 Concen: 29.672 ug/l
 RT: 10.566 min Scan# 1467
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

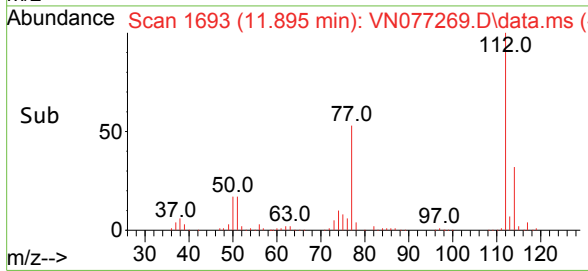
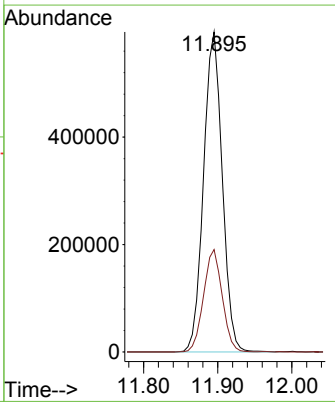
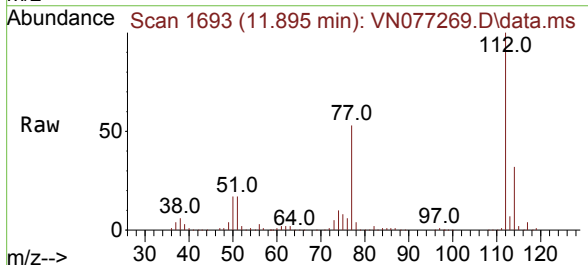
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

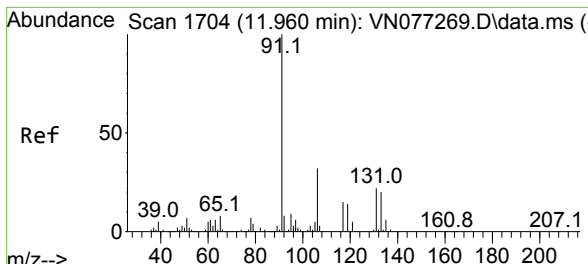
Tgt Ion: 98 Resp: 542174
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.4 77.2



#64
 Chlorobenzene
 Concen: 47.374 ug/l
 RT: 11.895 min Scan# 1693
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

Tgt Ion: 112 Resp: 1043757
 Ion Ratio Lower Upper
 112 100
 114 32.0 25.6 38.4

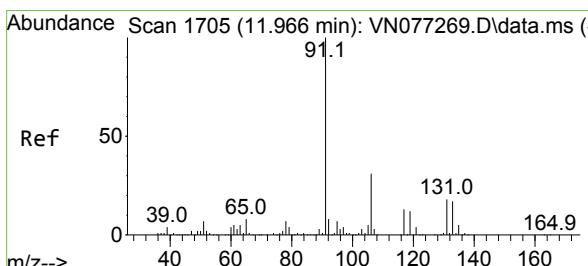
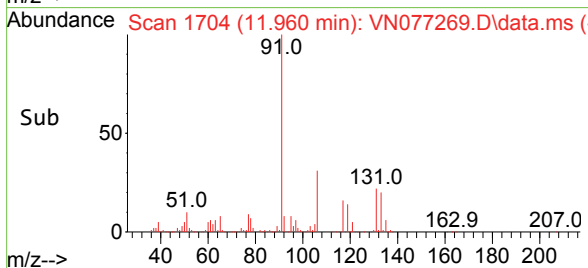
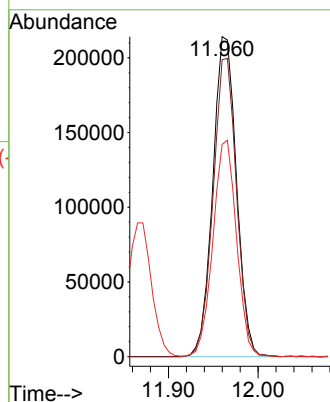
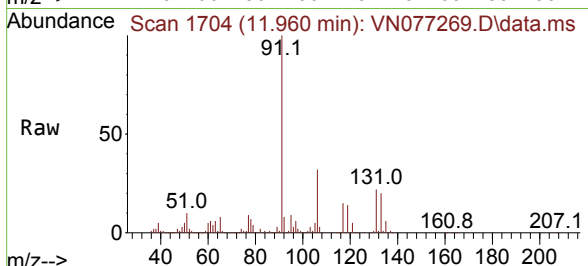




#65
 1,1,1,2-Tetrachloroethane
 Concen: 48.425 ug/l
 RT: 11.960 min Scan# 1704
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

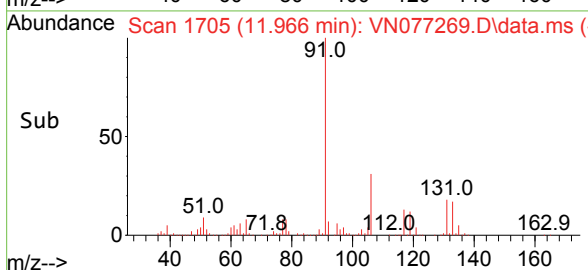
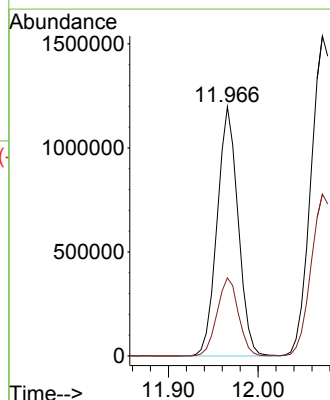
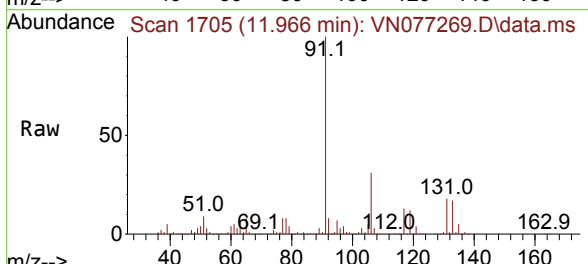
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

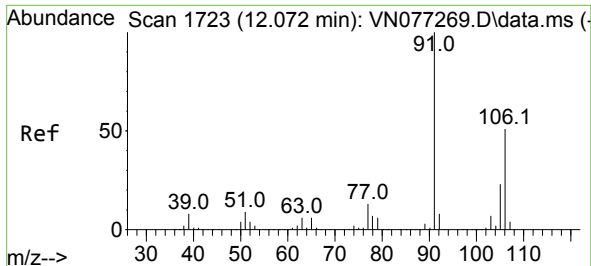
Tgt Ion:131 Resp: 392337
 Ion Ratio Lower Upper
 131 100
 133 92.2 0.0 184.4
 119 67.4 0.0 134.8



#66
 Ethyl Benzene
 Concen: 48.263 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

Tgt Ion: 91 Resp: 1939084
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.0 37.6

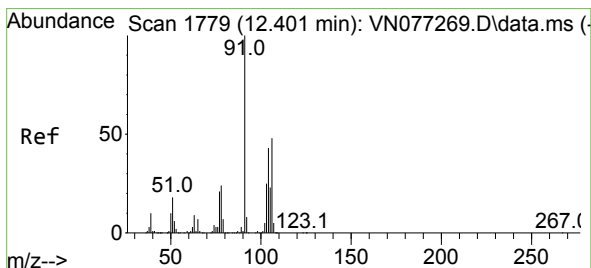
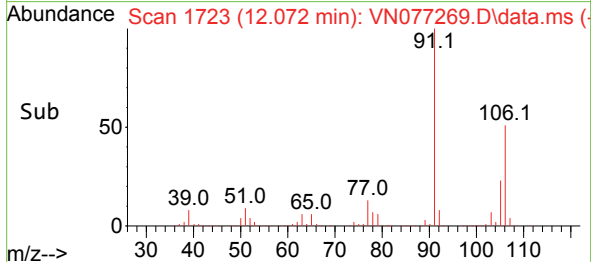
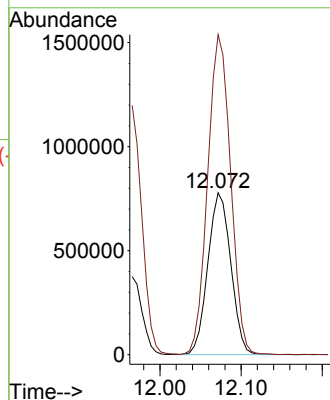
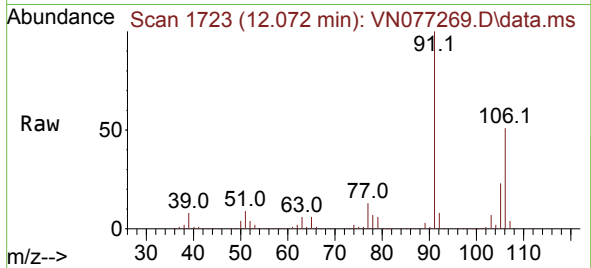




#67
m/p-Xylenes
Concen: 97.174 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

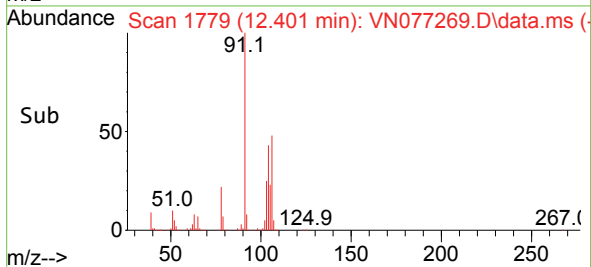
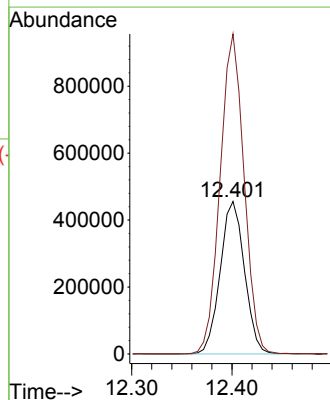
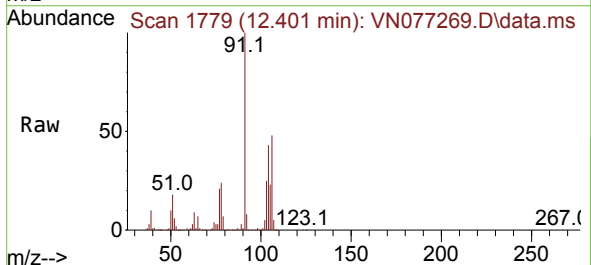
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

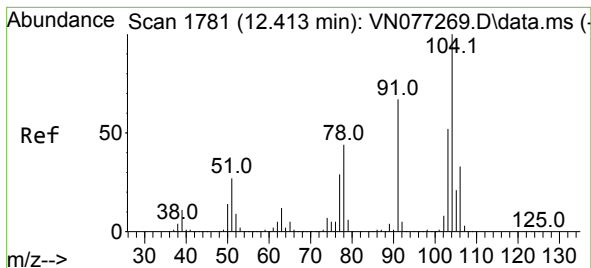
Tgt Ion:106 Resp: 1530336
Ion Ratio Lower Upper
106 100
91 197.5 158.0 237.0



#68
o-Xylene
Concen: 48.546 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion:106 Resp: 764840
Ion Ratio Lower Upper
106 100
91 207.2 103.6 310.8





#69

Styrene

Concen: 49.497 ug/l

RT: 12.413 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

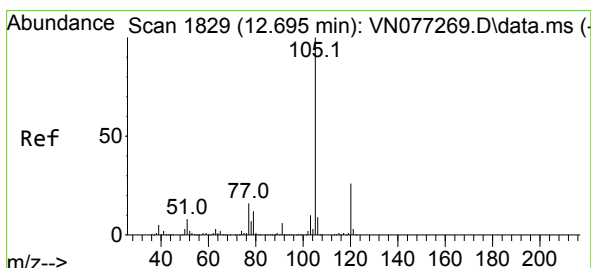
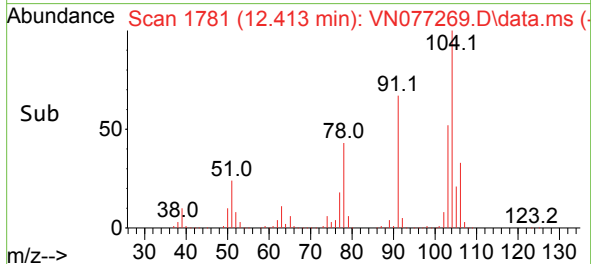
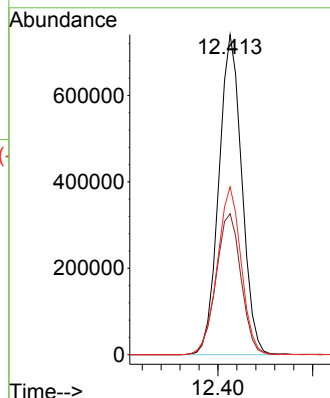
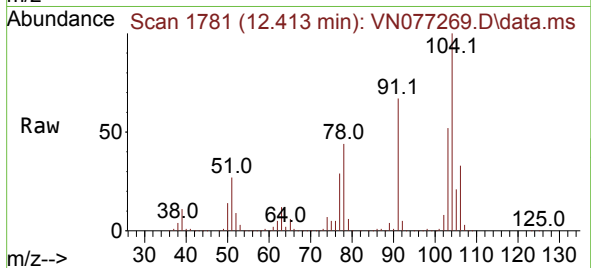
Tgt Ion:104 Resp: 1249402

Ion Ratio Lower Upper

104 100

78 47.8 38.2 57.4

103 54.5 43.6 65.4



#70

Isopropylbenzene

Concen: 48.864 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. 0.000 min

Lab File: VN077269.D

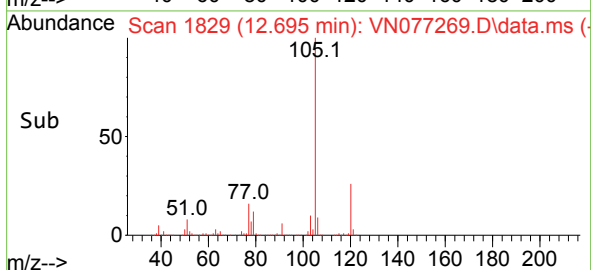
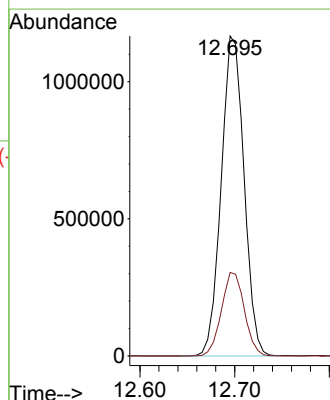
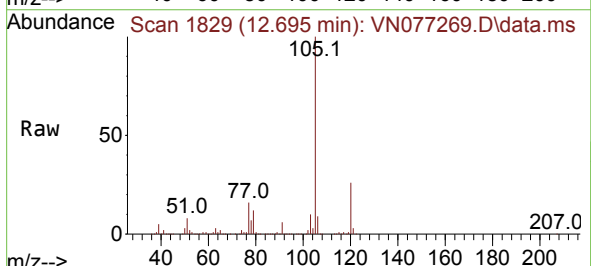
Acq: 07 Apr 2023 10:22

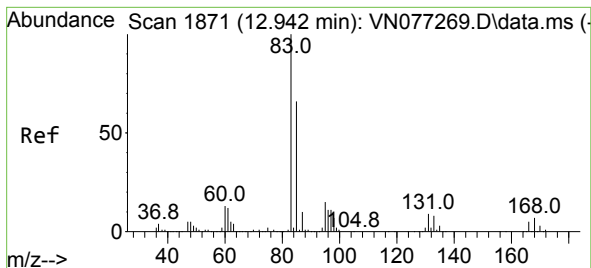
Tgt Ion:105 Resp: 1953763

Ion Ratio Lower Upper

105 100

120 26.2 18.3 34.1

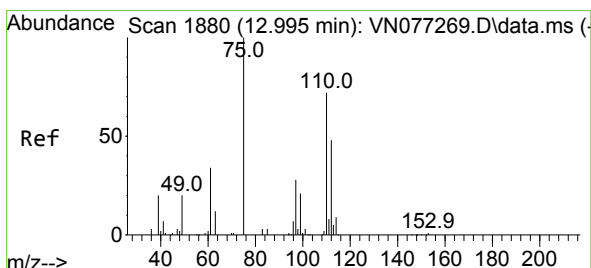
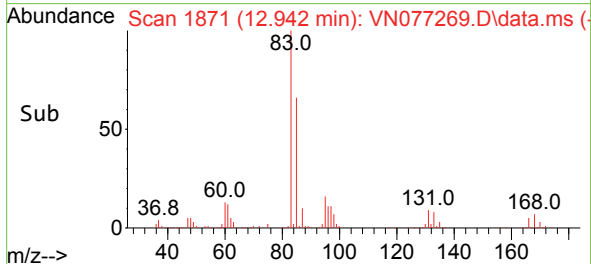
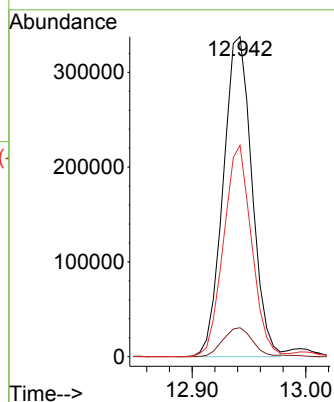
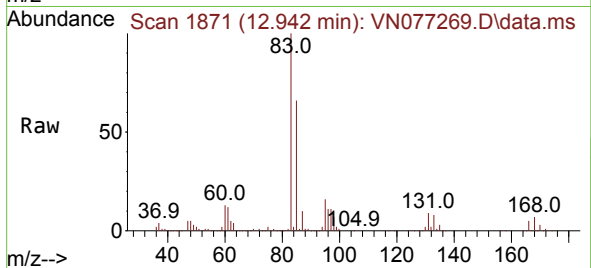




#71
1,1,2,2-Tetrachloroethane
Concen: 48.485 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

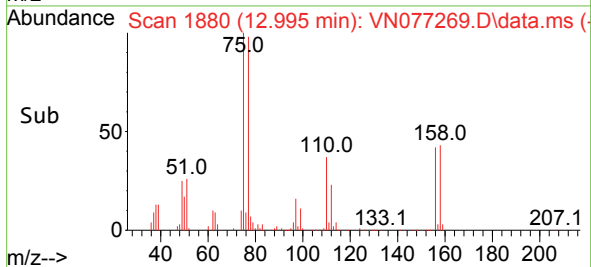
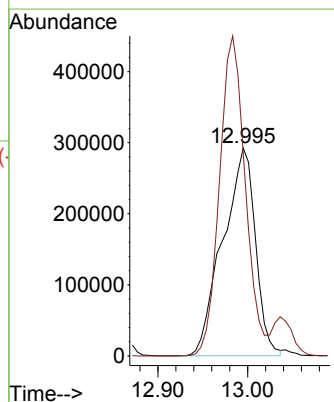
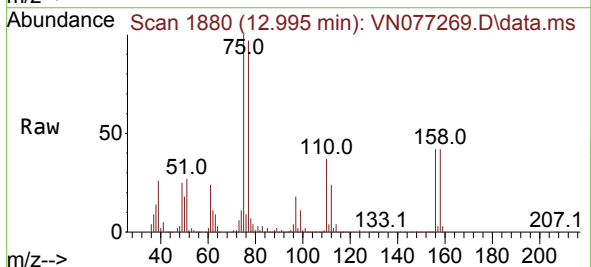
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

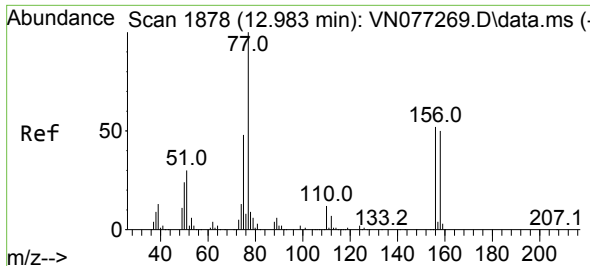
Tgt Ion: 83 Resp: 593668
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 64.5 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 88.498 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 75 Resp: 736582
Ion Ratio Lower Upper
75 100
77 121.5 0.0 434.2

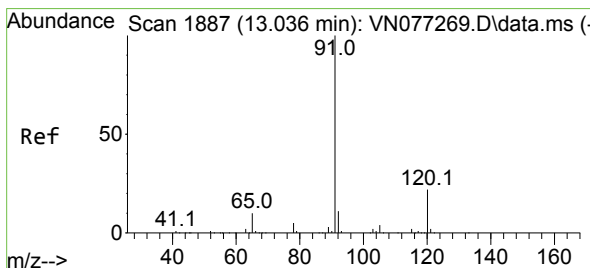
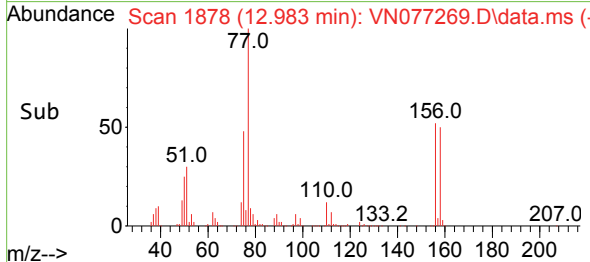
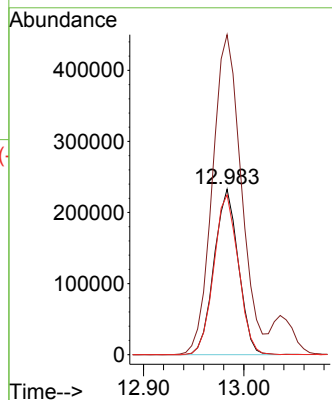
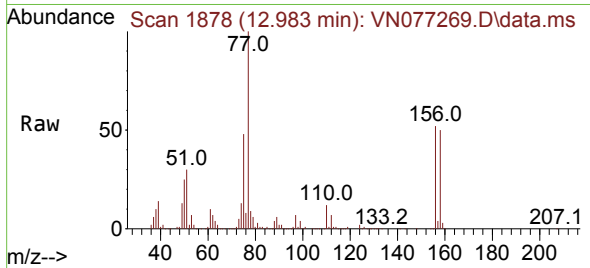




#73
Bromobenzene
Concen: 48.236 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

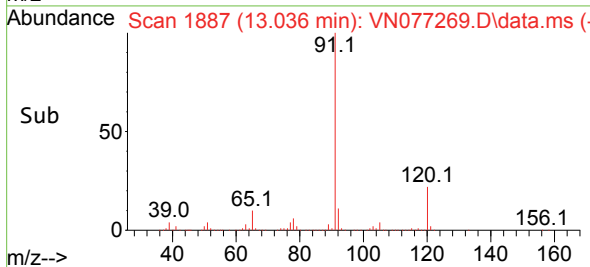
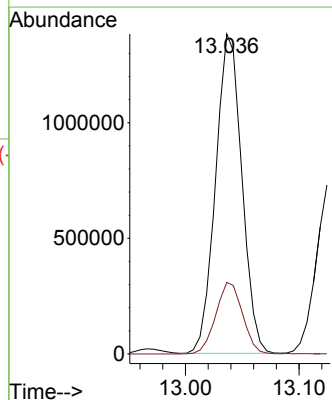
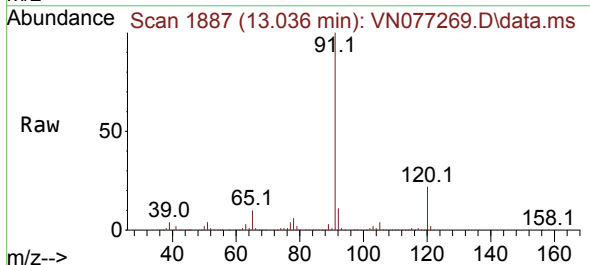
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

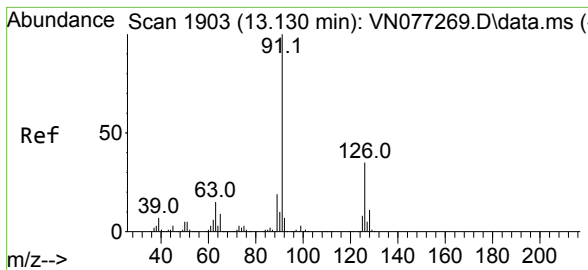
Tgt Ion:156 Resp: 391843
Ion Ratio Lower Upper
156 100
77 228.3 0.0 456.6
158 97.8 0.0 195.6



#74
n-propylbenzene
Concen: 50.108 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 91 Resp: 2216731
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.6

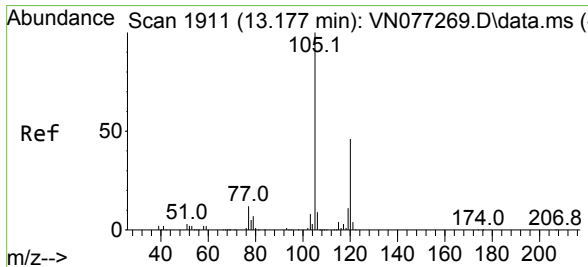
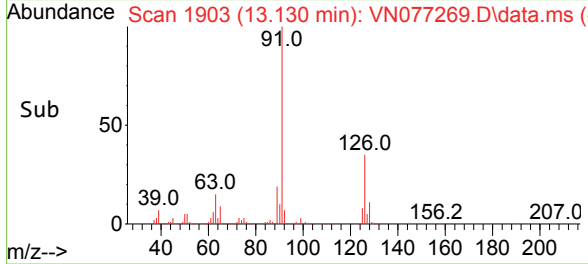
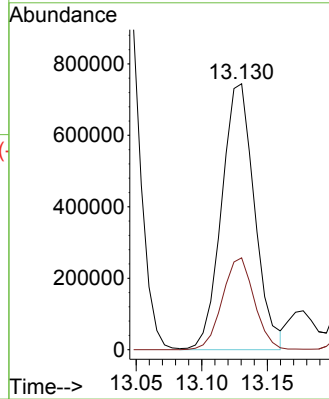
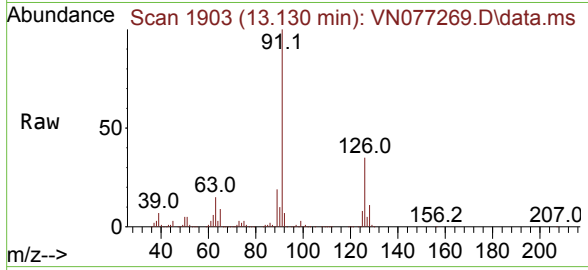




#75
2-Chlorotoluene
Concen: 49.092 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

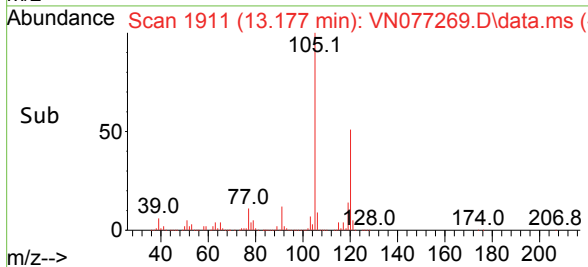
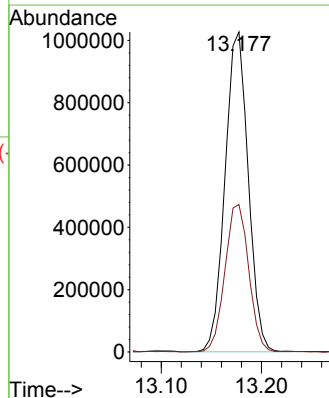
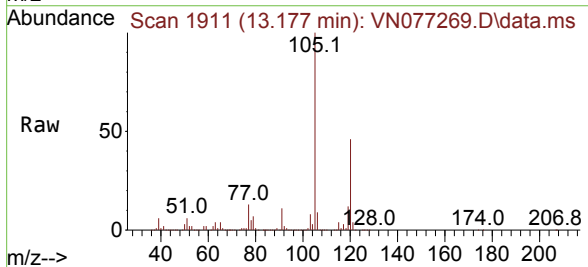
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

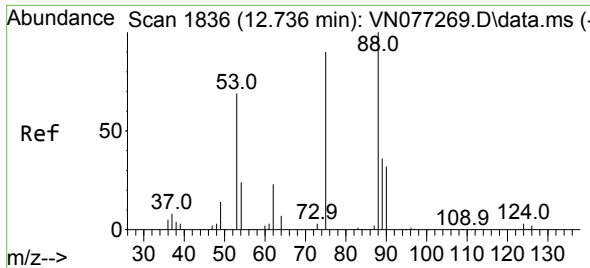
Tgt Ion: 91 Resp: 1301034
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.0



#76
1,3,5-Trimethylbenzene
Concen: 50.694 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 105 Resp: 1649720
Ion Ratio Lower Upper
105 100
120 47.2 0.0 94.4

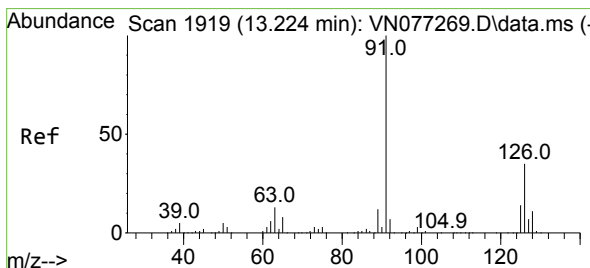
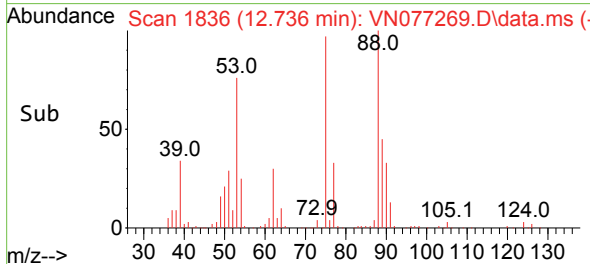
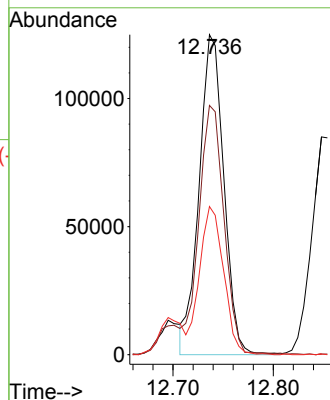
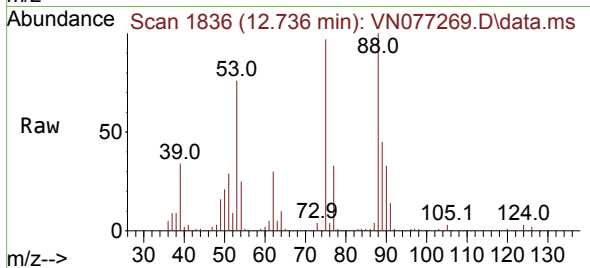




#77
t-1,4-Dichloro-2-butene
Concen: 50.538 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

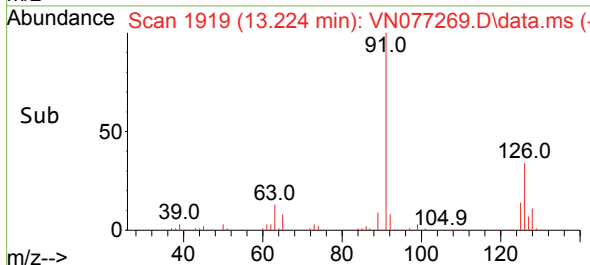
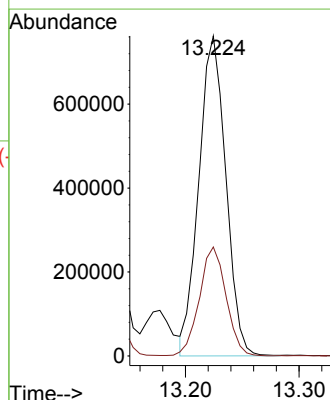
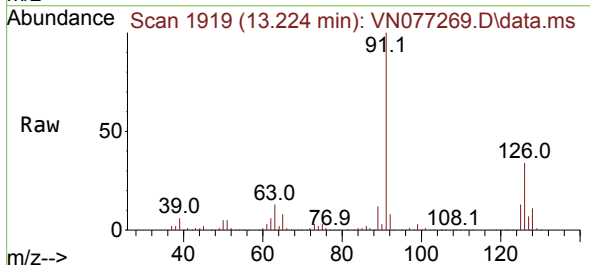
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

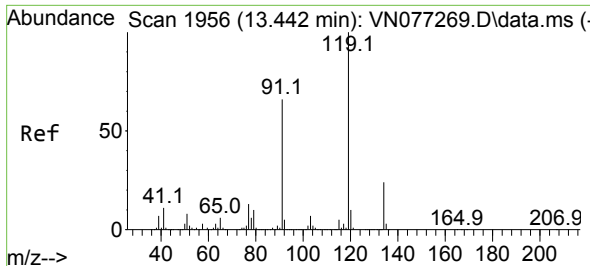
Tgt Ion: 75 Resp: 214255
Ion Ratio Lower Upper
75 100
53 77.6 38.8 116.4
89 46.4 23.2 69.6



#78
4-Chlorotoluene
Concen: 50.227 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 91 Resp: 1257759
Ion Ratio Lower Upper
91 100
126 33.7 0.0 67.4

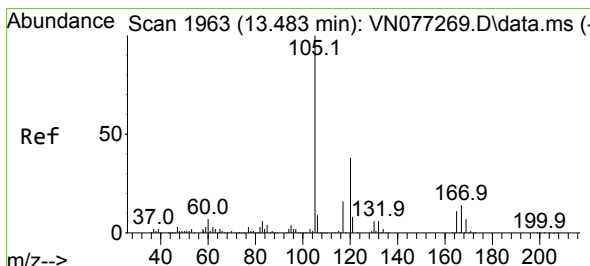
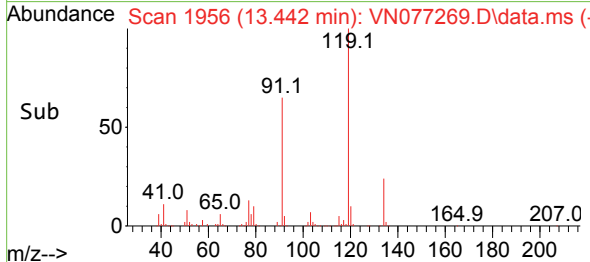
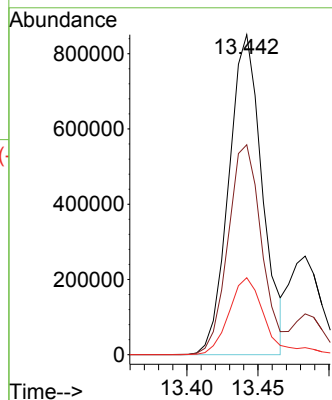
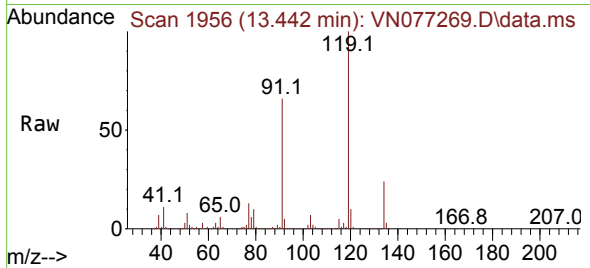




#79
tert-butylbenzene
Concen: 49.331 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

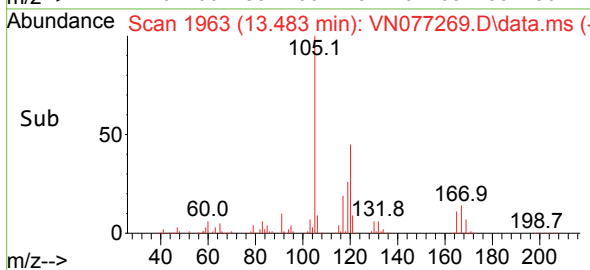
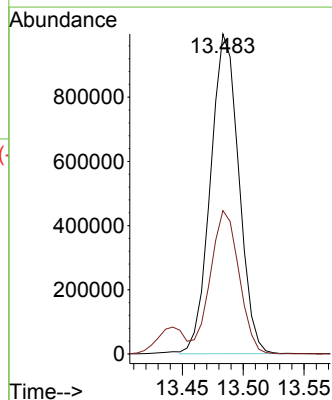
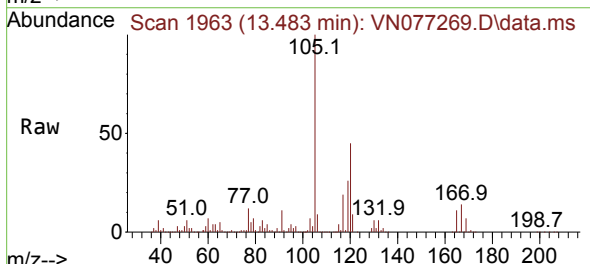
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

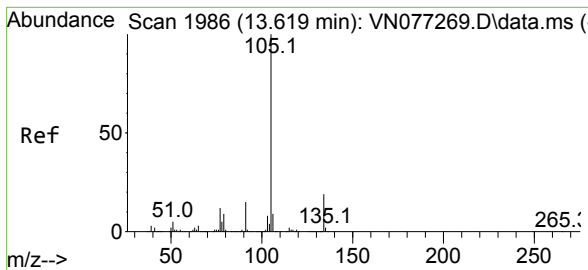
Tgt Ion:119 Resp: 1397169
Ion Ratio Lower Upper
119 100
91 65.5 0.0 131.0
134 24.9 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 50.788 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion:105 Resp: 1611161
Ion Ratio Lower Upper
105 100
120 45.5 0.0 91.0

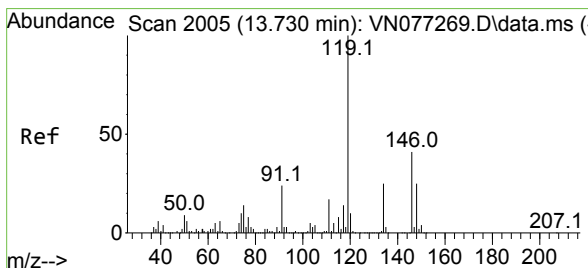
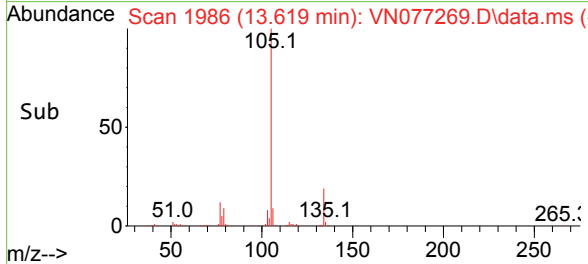
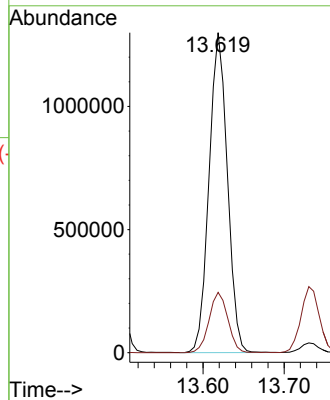
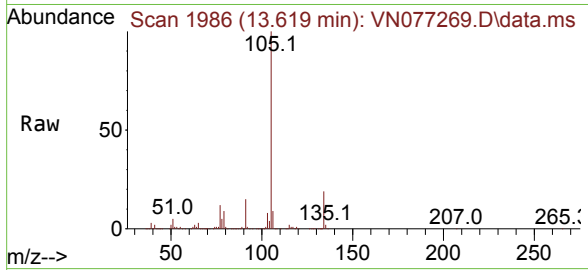




#81
 sec-Butylbenzene
 Concen: 50.329 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

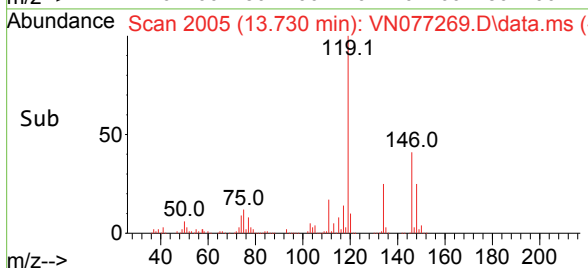
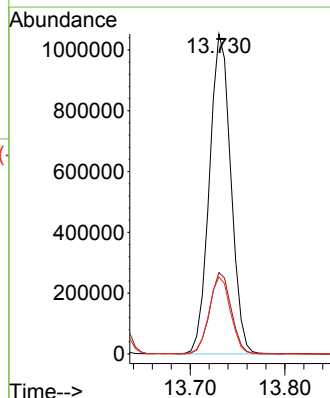
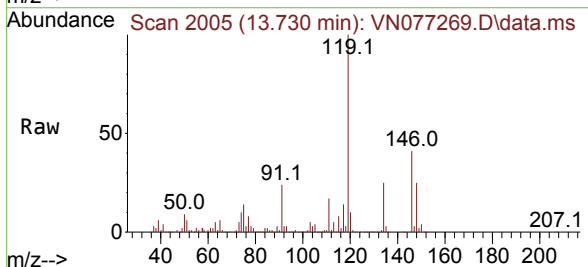
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

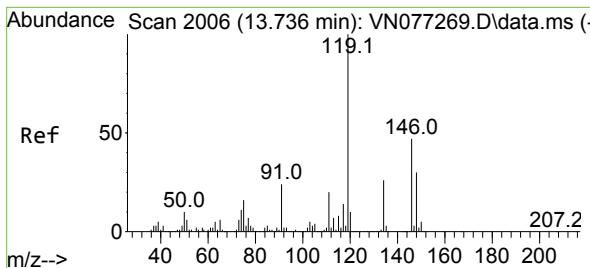
Tgt Ion:105 Resp: 2035779
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 51.237 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

Tgt Ion:119 Resp: 1660395
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.0
 91 24.0 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 50.002 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

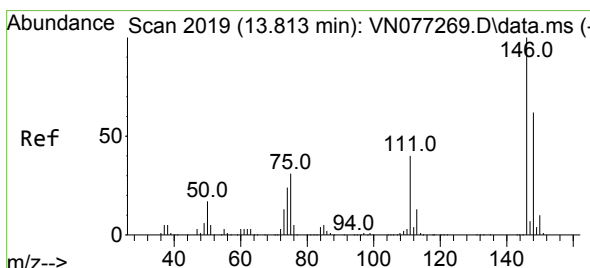
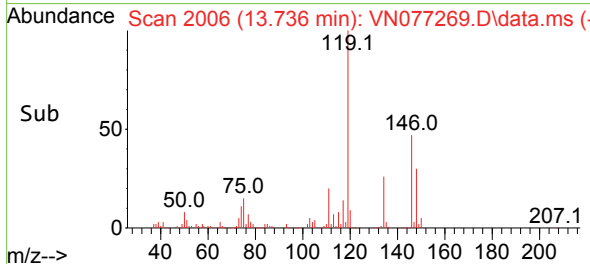
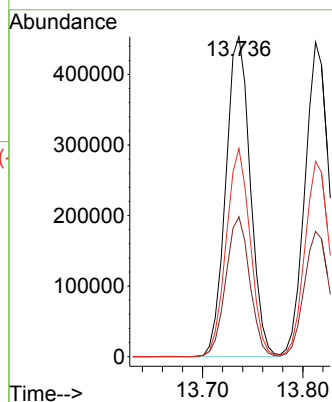
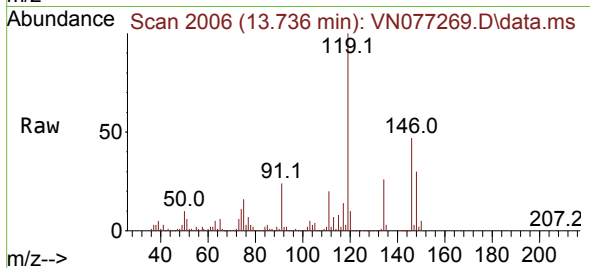
Tgt Ion:146 Resp: 770143

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.2

148 63.7 31.9 95.5



#84

1,4-Dichlorobenzene

Concen: 50.038 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

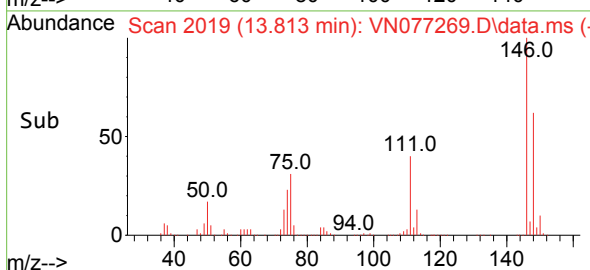
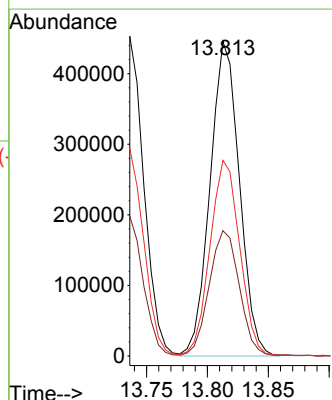
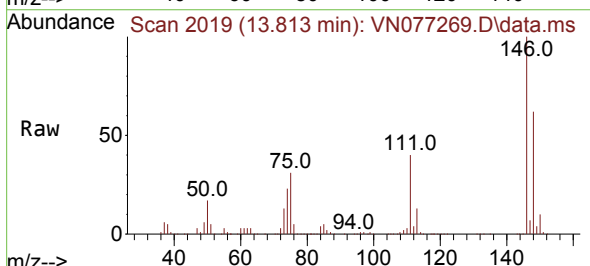
Tgt Ion:146 Resp: 747729

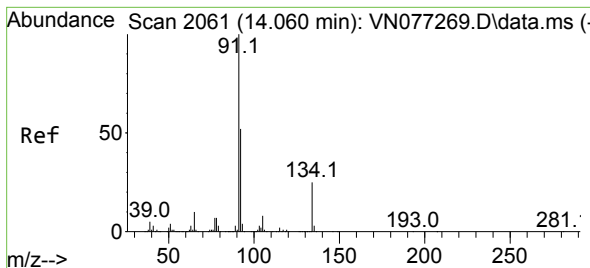
Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

148 63.1 31.6 94.7





#85

n-Butylbenzene

Concen: 52.662 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

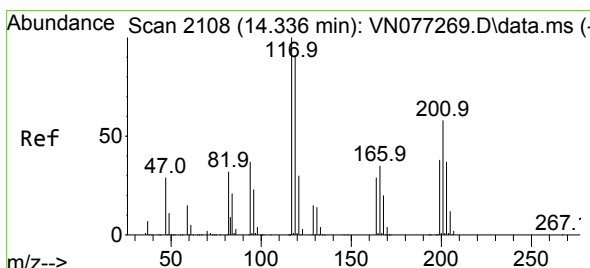
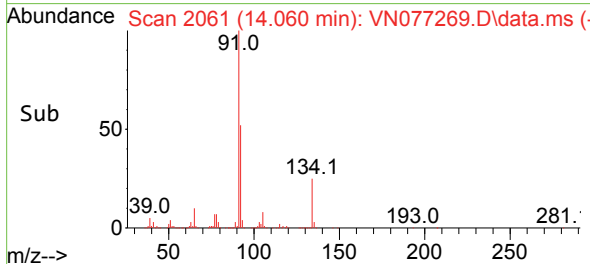
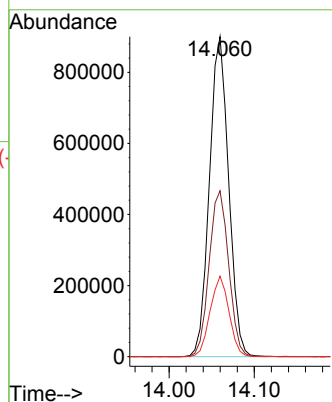
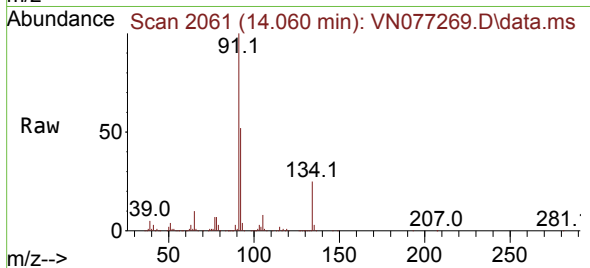
MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 91 Resp: 1410214

Ion	Ratio	Lower	Upper
91	100		
92	52.8	0.0	105.6
134	24.7	0.0	49.4



#86

Hexachloroethane

Concen: 49.041 ug/l

RT: 14.336 min Scan# 2108

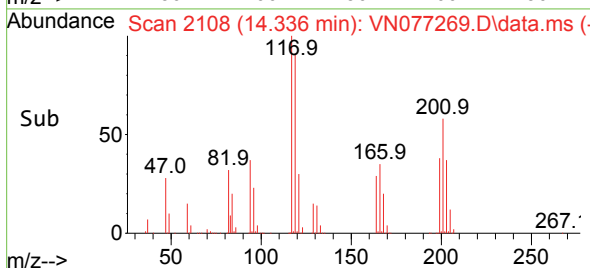
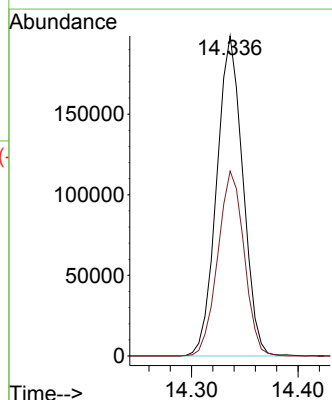
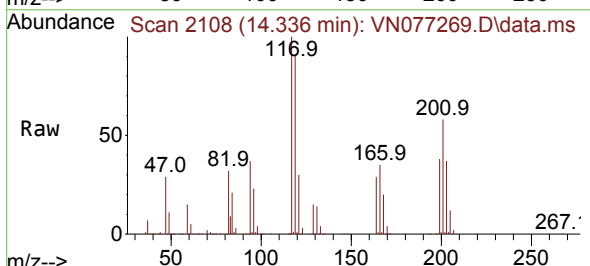
Delta R.T. 0.000 min

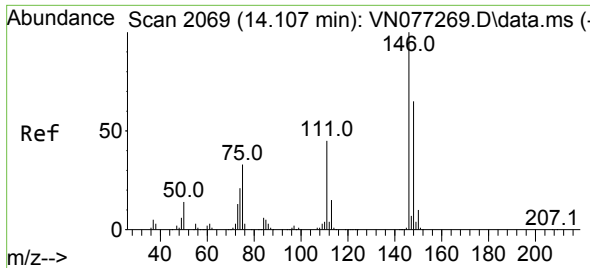
Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Tgt Ion: 117 Resp: 338062

Ion	Ratio	Lower	Upper
117	100		
201	58.3	29.1	87.4

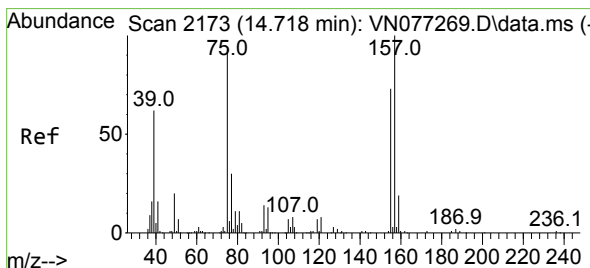
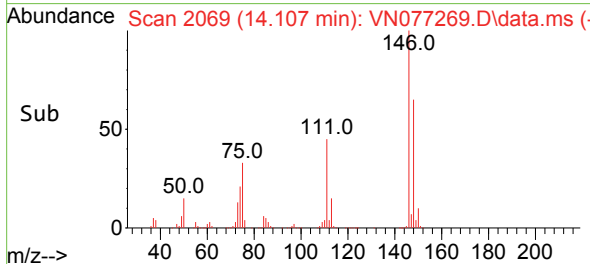
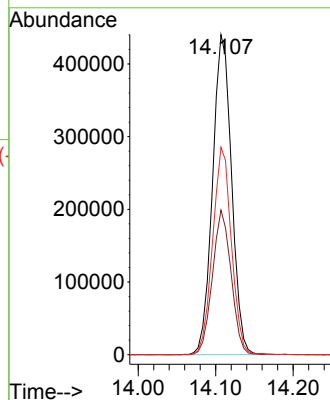
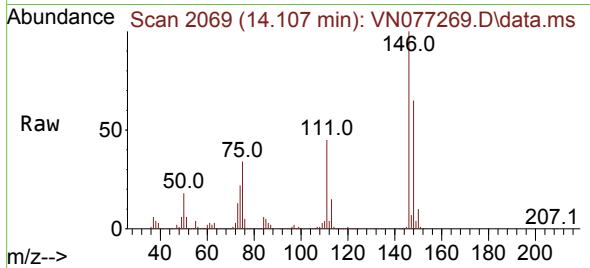




#87
1,2-Dichlorobenzene
Concen: 49.704 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

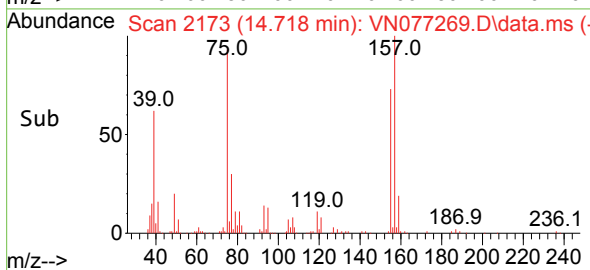
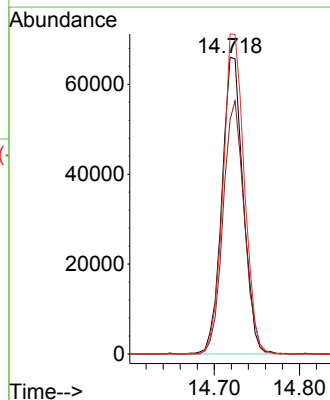
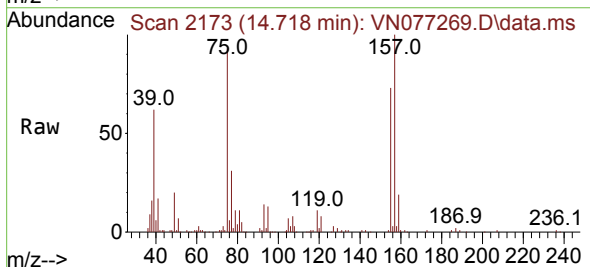
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

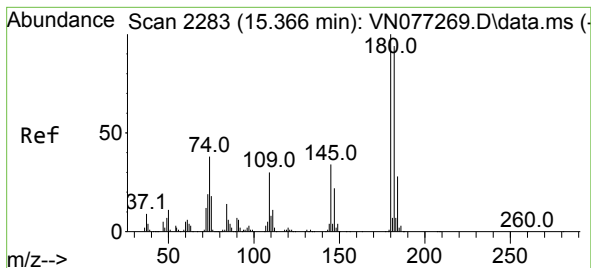
Tgt Ion:146 Resp: 750114
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.5
148 63.8 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 48.833 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 75 Resp: 114578
Ion Ratio Lower Upper
75 100
155 84.7 67.8 101.6
157 107.9 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 55.182 ug/l

RT: 15.366 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

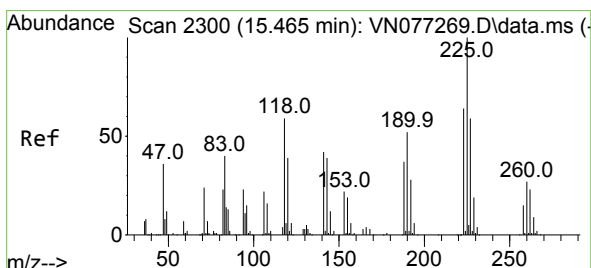
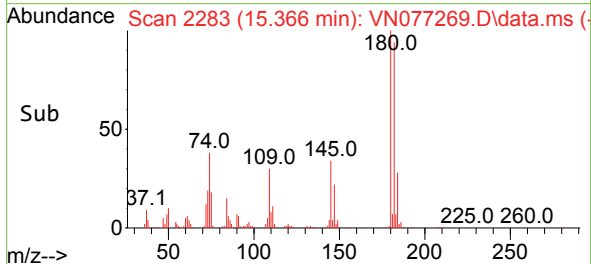
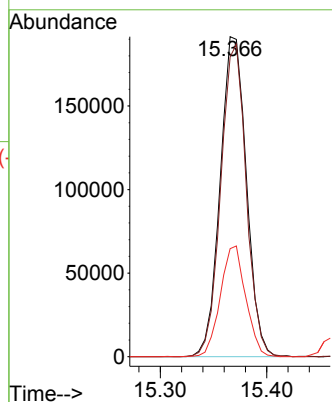
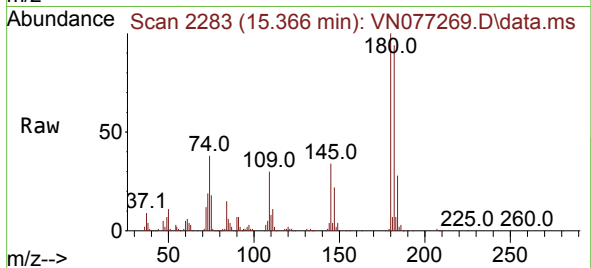
Tgt Ion:180 Resp: 327581

Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 33.4 26.7 40.1



#90

Hexachlorobutadiene

Concen: 50.945 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

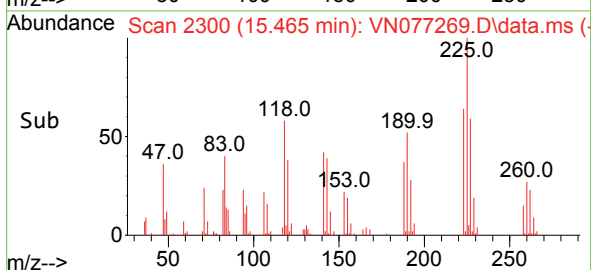
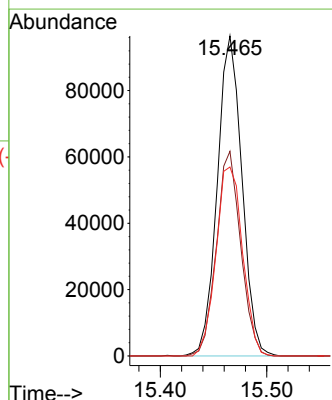
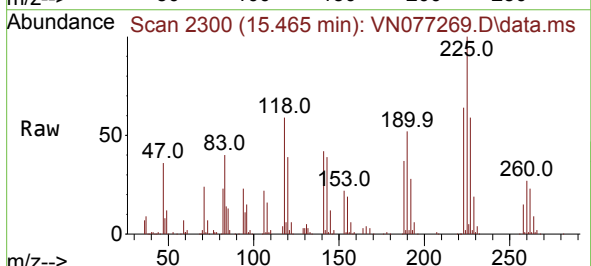
Tgt Ion:225 Resp: 155106

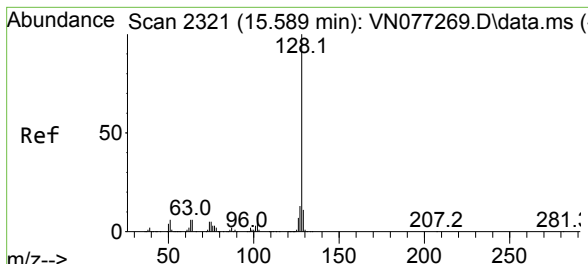
Ion Ratio Lower Upper

225 100

223 63.0 0.0 126.0

227 63.6 0.0 127.2



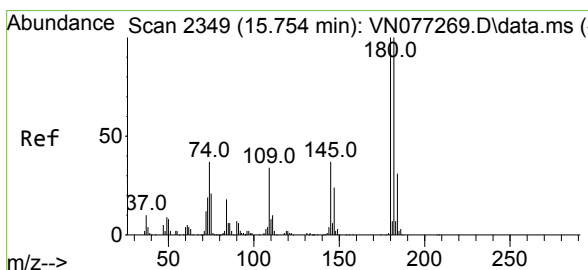
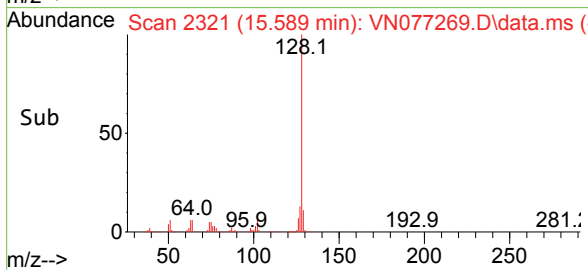
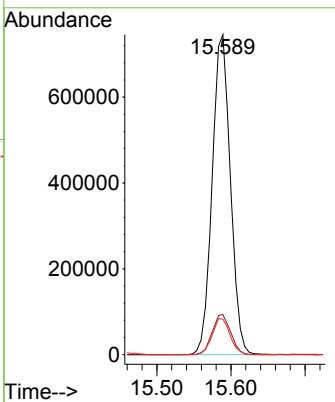
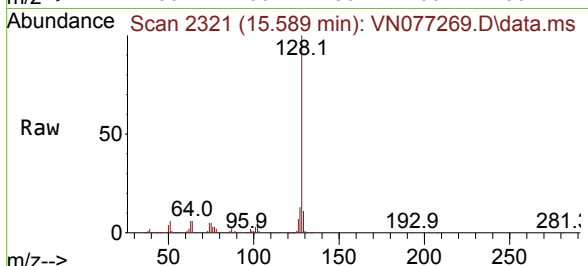


#91
Naphthalene
Concen: 56.081 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 1271834

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.1	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 53.840 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion:180 Resp: 311864

Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	190.4
145	36.2	0.0	72.4

