

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077435.D
 Acq On : 24 Apr 2023 12:51
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 25 02:03:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	649119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1222453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1083716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	439532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	168615	19.918	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	39.840%#
35) Dibromofluoromethane	8.172	113	145368	19.840	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.680%#
50) Toluene-d8	10.572	98	568011	20.272	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.540%#
62) 4-Bromofluorobenzene	12.854	95	185332	20.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	40.360%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	162032	19.743	ug/l	100
3) Chloromethane	2.372	50	126006	19.365	ug/l	98
4) Vinyl Chloride	2.525	62	171317	19.764	ug/l	98
5) Bromomethane	2.960	94	140611	17.135	ug/l	92
6) Chloroethane	3.131	64	123106	18.694	ug/l	95
7) Trichlorofluoromethane	3.507	101	253943	19.932	ug/l	95
8) Diethyl Ether	3.978	74	91582	19.782	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	141185	19.055	ug/l	98
10) Methyl Iodide	4.602	142	177374	19.641	ug/l	97
11) Tert butyl alcohol	5.525	59	131448	105.131	ug/l #	88
12) 1,1-Dichloroethene	4.349	96	138583	19.029	ug/l	94
13) Acrolein	4.190	56	130292	97.229	ug/l	94
14) Allyl chloride	5.037	41	163405	20.289	ug/l	99
15) Acrylonitrile	5.731	53	301557	97.758	ug/l	99
16) Acetone	4.437	43	242025	89.814	ug/l	97
17) Carbon Disulfide	4.725	76	349861	19.007	ug/l	98
18) Methyl Acetate	5.037	43	200386	19.256	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	472475	19.612	ug/l	99
20) Methylene Chloride	5.284	84	155225	18.164	ug/l	97
21) trans-1,2-Dichloroethene	5.790	96	146694	18.727	ug/l	92
22) Diisopropyl ether	6.684	45	361509	19.558	ug/l	97
23) Vinyl Acetate	6.613	43	1115745	96.655	ug/l	96
24) 1,1-Dichloroethane	6.578	63	249684	19.083	ug/l	98
25) 2-Butanone	7.490	43	367607	96.181	ug/l	98
26) 2,2-Dichloropropane	7.495	77	242113	19.084	ug/l	99
27) cis-1,2-Dichloroethene	7.490	96	178574	19.249	ug/l	98
28) Bromochloromethane	7.813	49	103454	20.705	ug/l #	5
29) Tetrahydrofuran	7.842	42	237397	99.134	ug/l	97
30) Chloroform	7.972	83	288295	19.551	ug/l	92
31) Cyclohexane	8.260	56	225319	15.938	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	269352	19.869	ug/l	98
36) 1,1-Dichloropropene	8.378	75	210637	19.843	ug/l	97
37) Ethyl Acetate	7.566	43	146798	18.199	ug/l	98
38) Carbon Tetrachloride	8.372	117	228356	19.498	ug/l	98
39) Methylcyclohexane	9.601	83	270722	19.357	ug/l	96
40) Benzene	8.613	78	620943	19.202	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	81668	19.439	ug/l	96
42) 1,2-Dichloroethane	8.672	62	210437	18.947	ug/l	99
43) Isopropyl Acetate	8.695	43	267721	19.185	ug/l	98
44) Trichloroethene	9.354	130	159770	19.297	ug/l	100
45) 1,2-Dichloropropane	9.625	63	143975	19.007	ug/l	97
46) Dibromomethane	9.707	93	114798	18.677	ug/l	97
47) Bromodichloromethane	9.889	83	228546	19.223	ug/l	98
48) Methyl methacrylate	9.684	41	121718	19.162	ug/l	99
49) 1,4-Dioxane	9.695	88	59707	374.742	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	791194	96.665	ug/l	99
52) Toluene	10.631	92	424866	20.056	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	233562	19.401	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	254893	19.452	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	161916	19.007	ug/l	97
56) Ethyl methacrylate	10.878	69	233677	19.576	ug/l	97
57) 1,3-Dichloropropane	11.166	76	265343	19.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	364187	90.203	ug/l	99
59) 2-Hexanone	11.195	43	569753	95.764	ug/l	100
60) Dibromochloromethane	11.360	129	169483	19.170	ug/l	99
61) 1,2-Dibromoethane	11.472	107	161794	18.603	ug/l	100
64) Tetrachloroethene	11.107	164	123142	18.982	ug/l	97
65) Chlorobenzene	11.895	112	439622	19.170	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	162543	19.482	ug/l	99
67) Ethyl Benzene	11.966	91	796867	19.739	ug/l	99
68) m/p-Xylenes	12.072	106	613100	39.076	ug/l	99
69) o-Xylene	12.401	106	311925	20.212	ug/l	97
70) Styrene	12.413	104	482026	19.972	ug/l	99
71) Bromoform	12.583	173	104088	19.069	ug/l #	99
73) Isopropylbenzene	12.695	105	777195	19.055	ug/l	99
74) N-amyl acetate	12.495	43	225150	18.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	236838	18.481	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	283316	27.127	ug/l	69
77) Bromobenzene	12.983	156	166781	18.762	ug/l	99
78) n-propylbenzene	13.036	91	870923	19.312	ug/l	100
79) 2-Chlorotoluene	13.130	91	536570	19.298	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	608862	20.101	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	68409	19.443	ug/l	96
82) 4-Chlorotoluene	13.224	91	492479	18.955	ug/l	99
83) tert-Butylbenzene	13.442	119	560874	19.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	568313	20.090	ug/l	99
85) sec-Butylbenzene	13.619	105	775621	19.211	ug/l	99
86) p-Isopropyltoluene	13.730	119	604020	19.444	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	302197	19.116	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	289207	18.543	ug/l	98
89) n-Butylbenzene	14.060	91	466967	19.424	ug/l	100
90) Hexachloroethane	14.336	117	126046	18.366	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	298295	19.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	43763	18.467	ug/l	99
93) 1,2,4-Trichlorobenzene	15.366	180	68938	18.569	ug/l	97
94) Hexachlorobutadiene	15.466	225	59281	18.710	ug/l	98
95) Naphthalene	15.589	128	255230	18.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	64782	18.581	ug/l	97

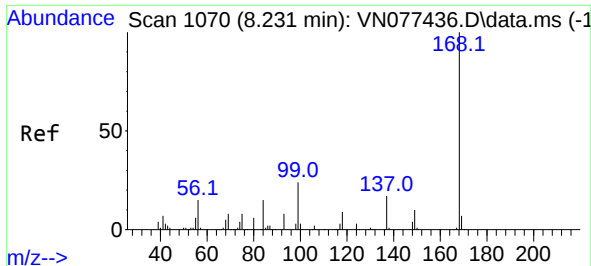
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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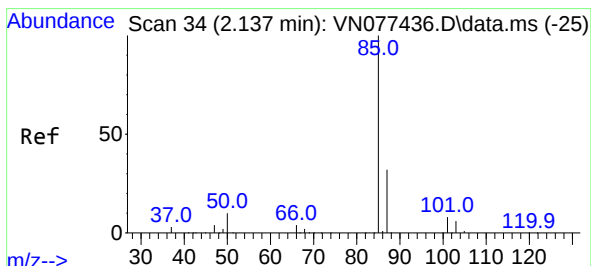
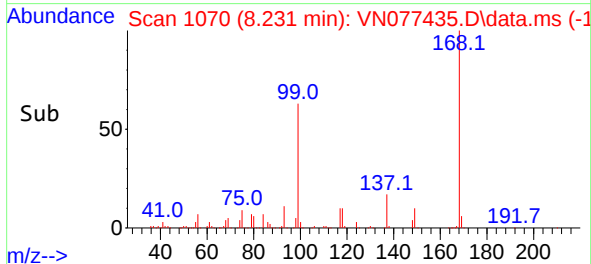
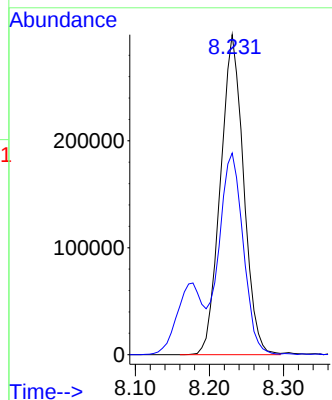
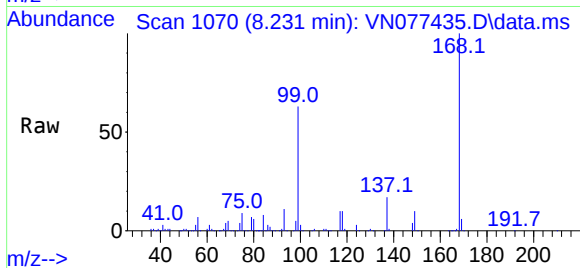
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

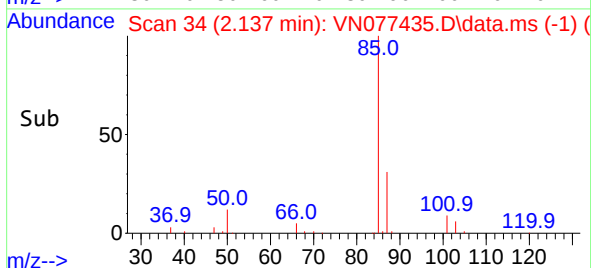
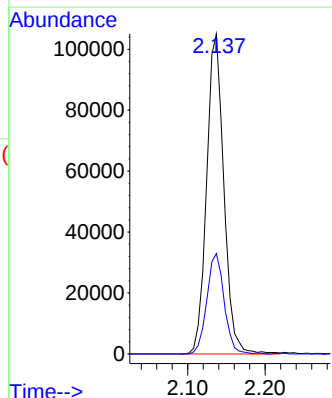
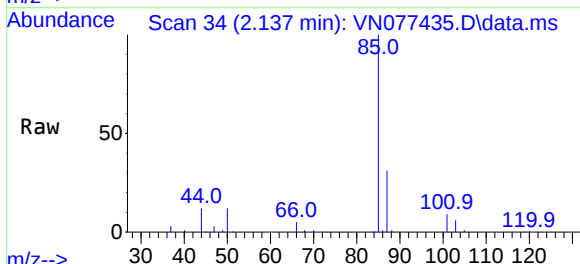
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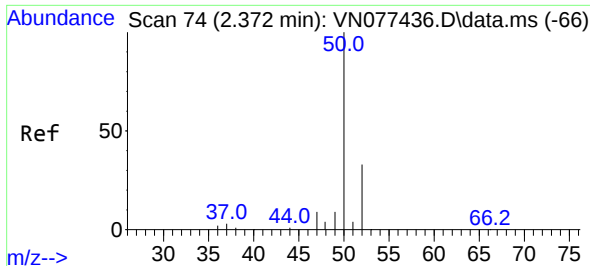
Tgt Ion:168 Resp: 649119
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.743 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 85 Resp: 162032
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4

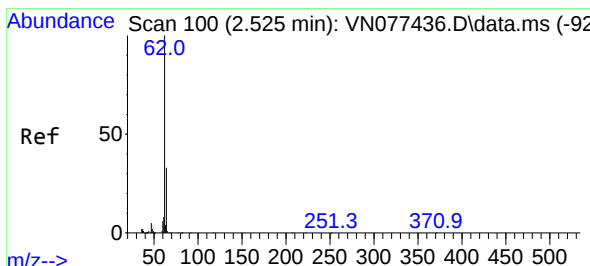
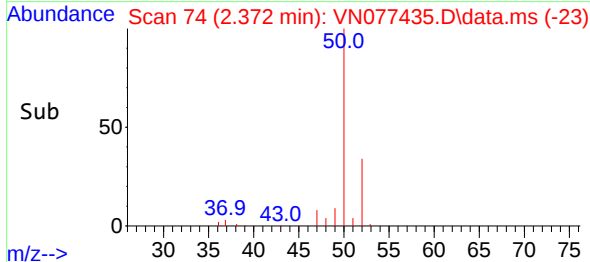
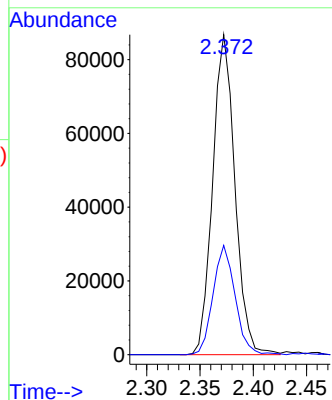
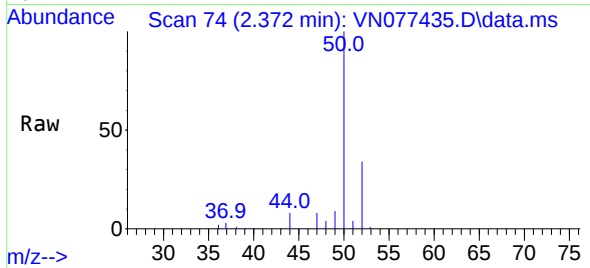




#3
Chloromethane
Concen: 19.365 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

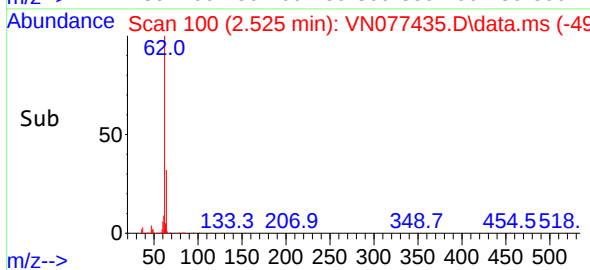
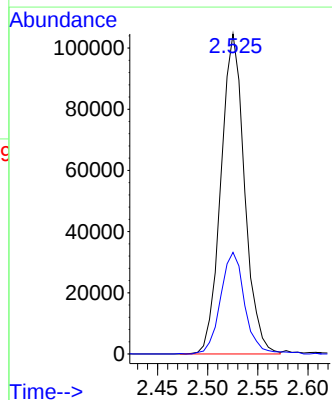
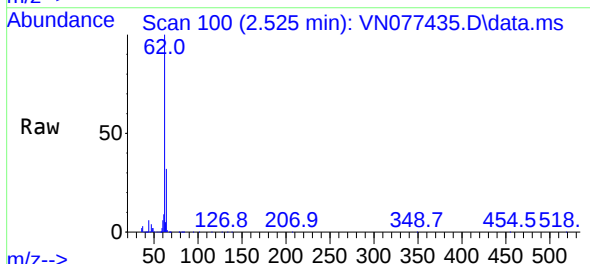
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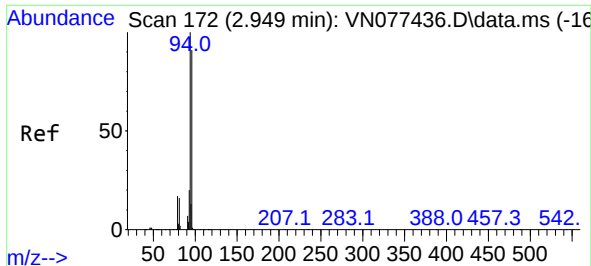
Tgt Ion: 50 Resp: 126006
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7



#4
Vinyl Chloride
Concen: 19.764 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 62 Resp: 171317
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

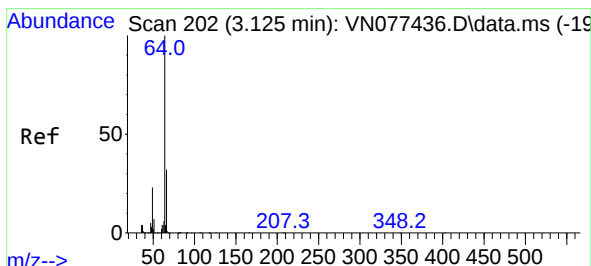
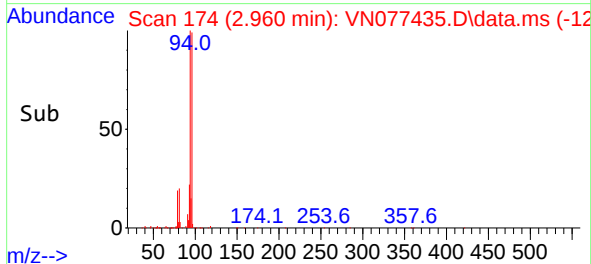
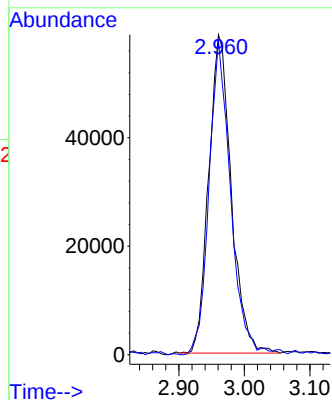
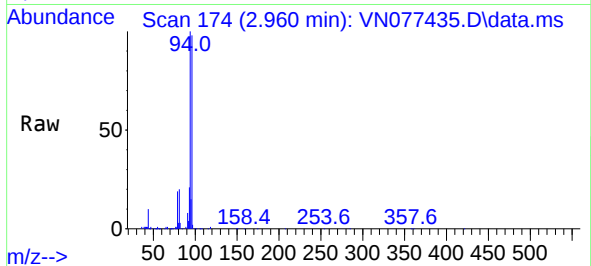




#5
Bromomethane
Concen: 17.135 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

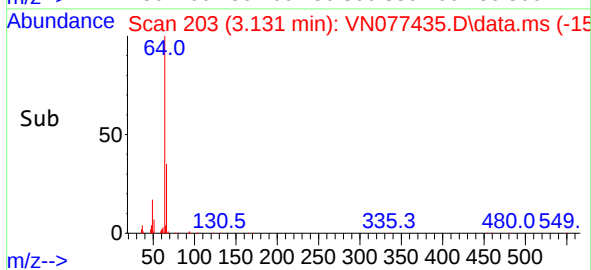
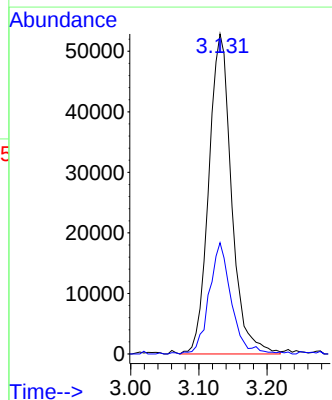
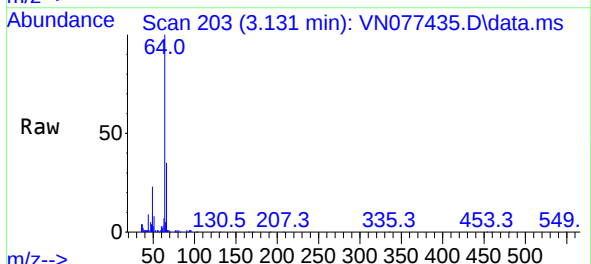
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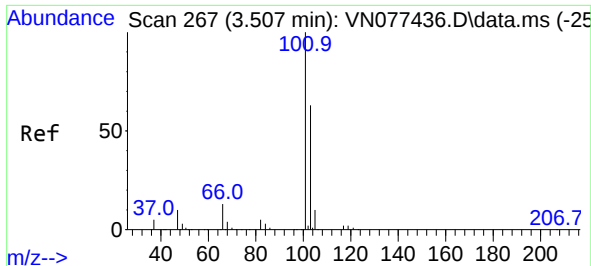
Tgt Ion: 94 Resp: 140611
Ion Ratio Lower Upper
94 100
96 98.7 73.1 109.7



#6
Chloroethane
Concen: 18.694 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 64 Resp: 123106
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.2

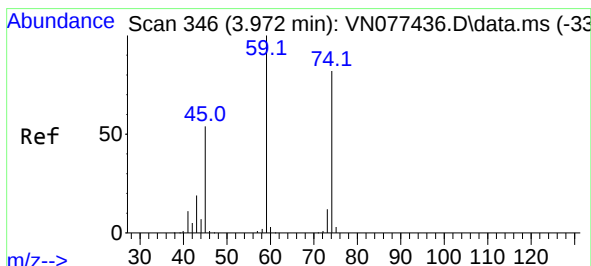
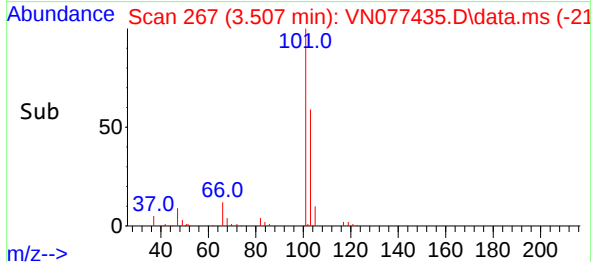
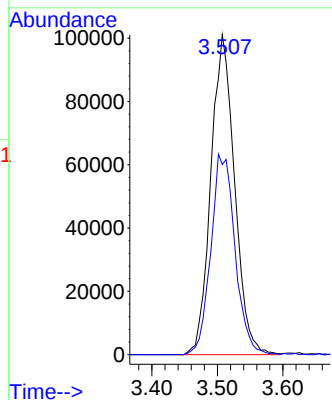
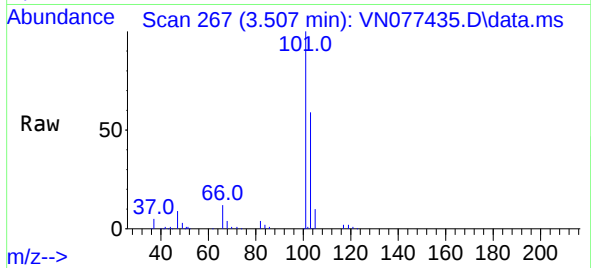




#7
Trichlorofluoromethane
Concen: 19.932 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

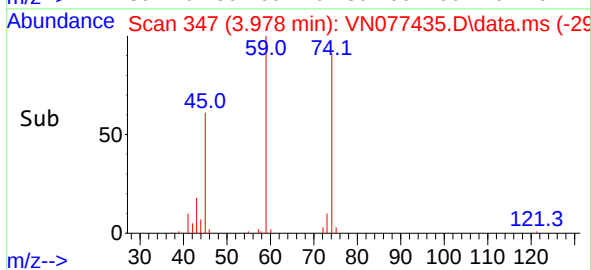
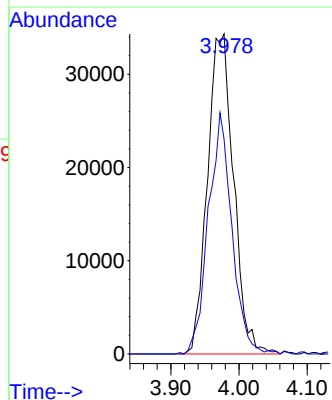
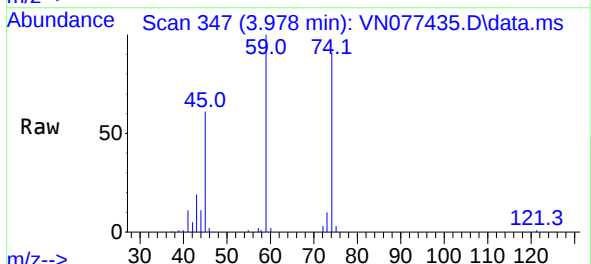
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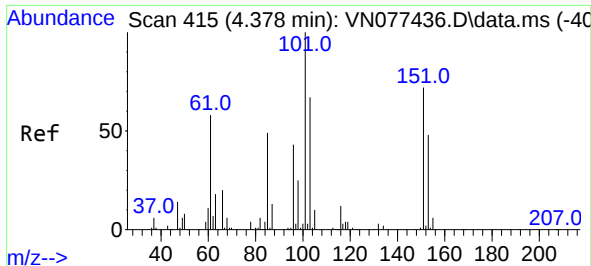
Tgt Ion:101 Resp: 253943
Ion Ratio Lower Upper
101 100
103 59.4 50.7 76.1



#8
Diethyl Ether
Concen: 19.782 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 74 Resp: 91582
Ion Ratio Lower Upper
74 100
45 68.0 34.4 103.3

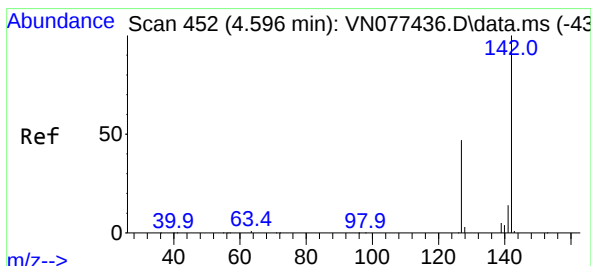
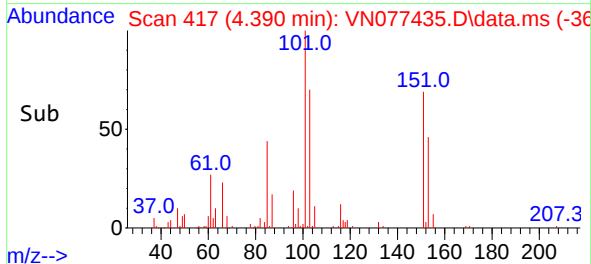
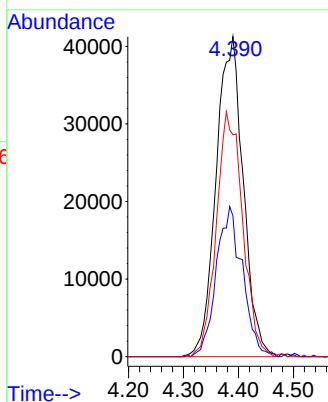
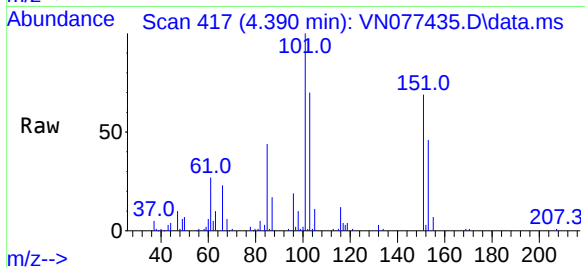




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.055 ug/l
RT: 4.390 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN077435.D
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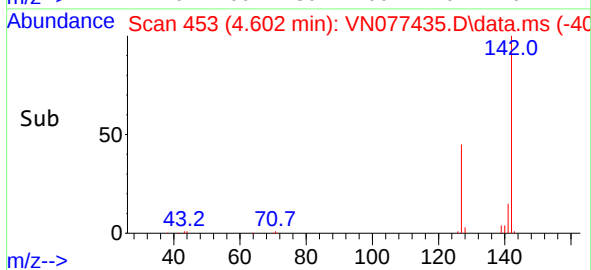
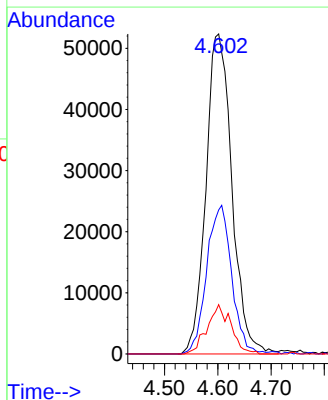
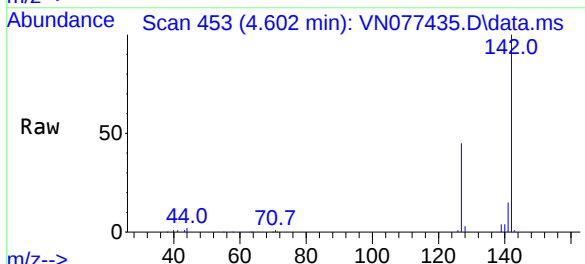
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

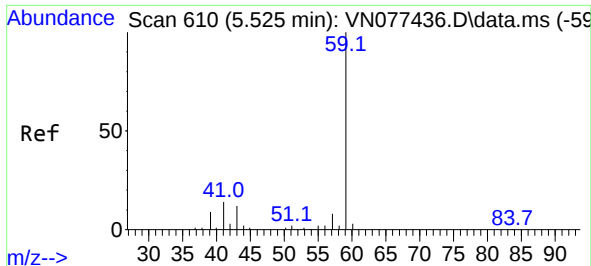
Tgt Ion:101 Resp: 141185
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 74.5 57.6 86.4



#10
Methyl Iodide
Concen: 19.641 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:142 Resp: 177374
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 15.4 11.4 17.0

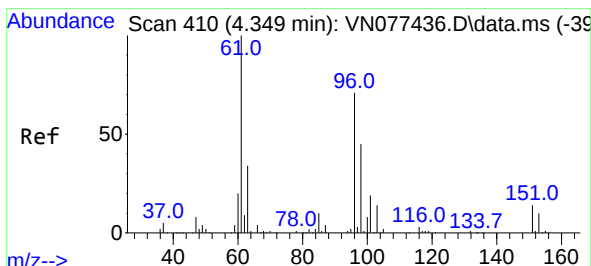
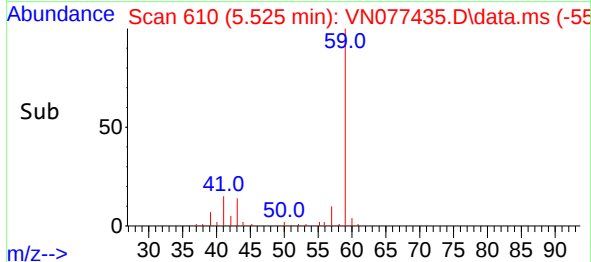
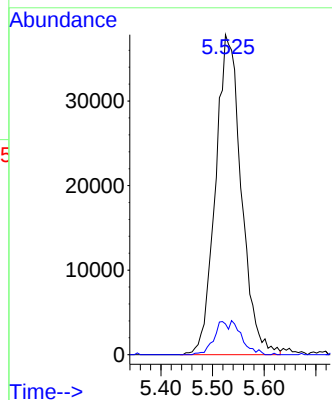
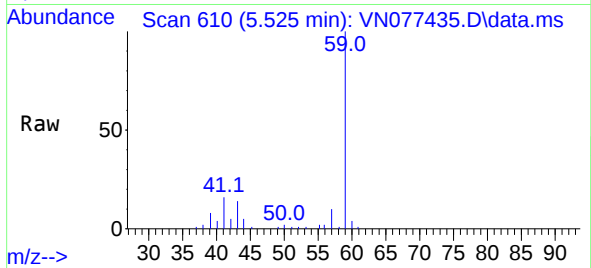




#11
Tert butyl alcohol
Concen: 105.131 ug/l
RT: 5.525 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

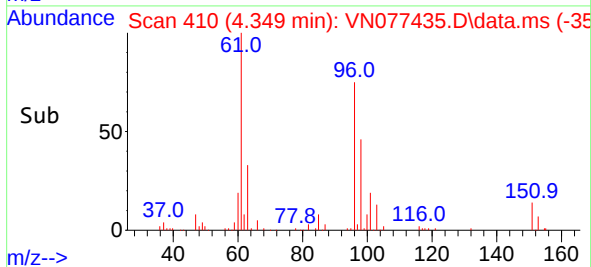
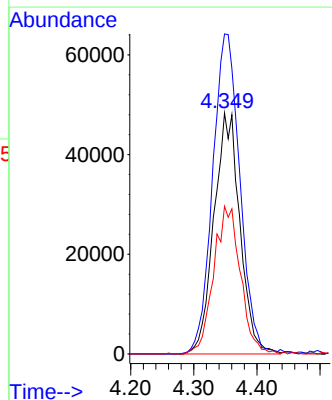
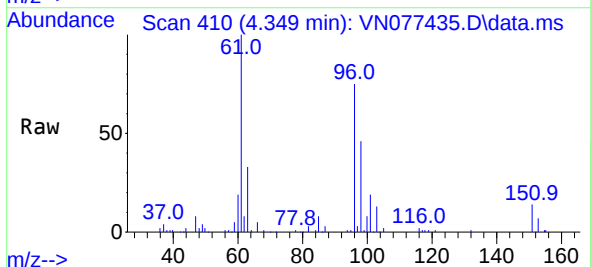
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

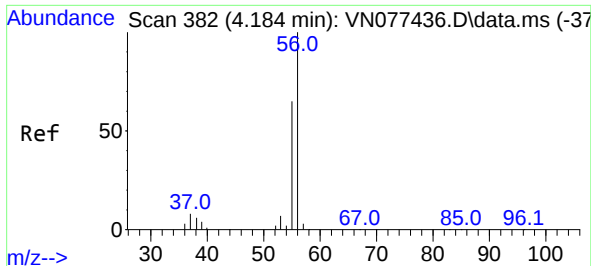
Tgt Ion: 59 Resp: 131448
Ion Ratio Lower Upper
59 100
57 5.8 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 19.029 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 96 Resp: 138583
Ion Ratio Lower Upper
96 100
61 132.8 112.7 169.1
98 61.3 51.2 76.8

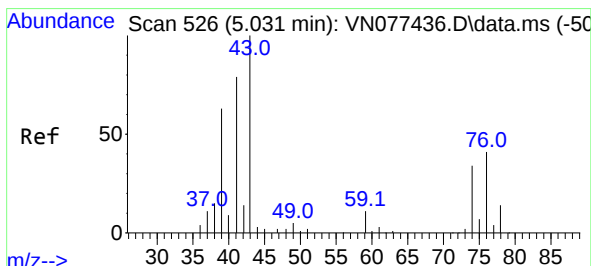
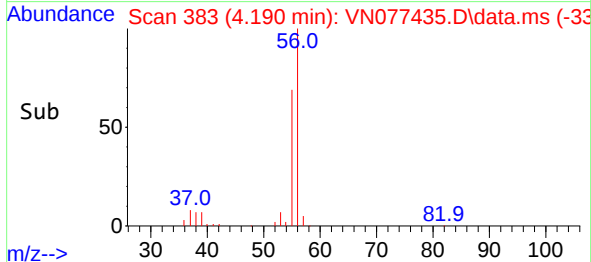
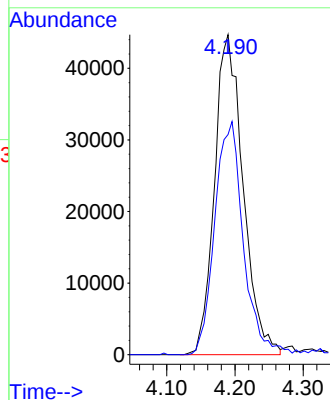
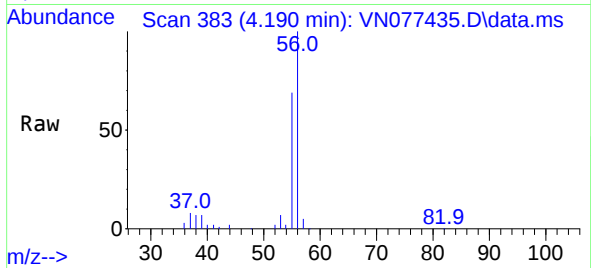




#13
Acrolein
Concen: 97.229 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

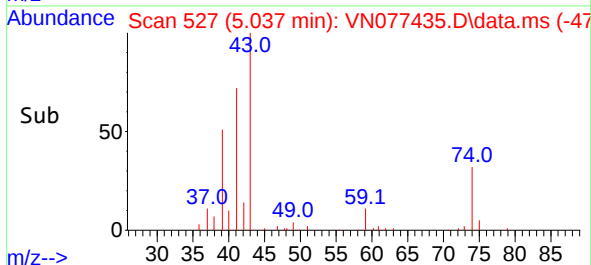
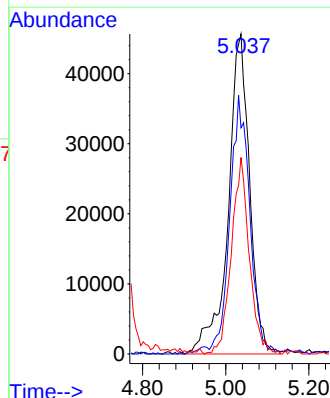
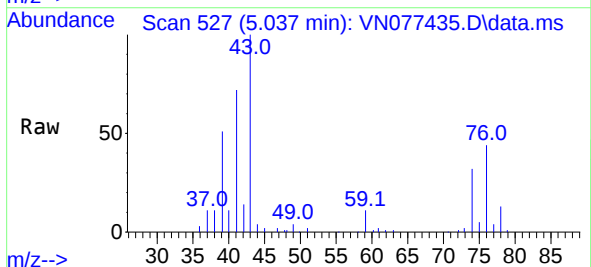
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

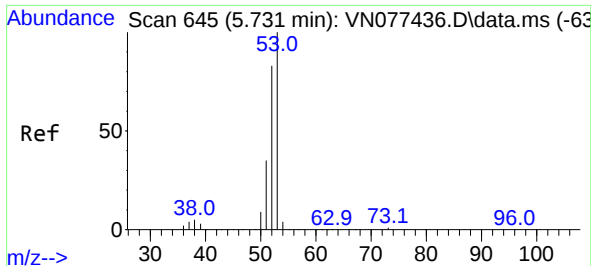
Tgt Ion: 56 Resp: 130292
Ion Ratio Lower Upper
56 100
55 72.8 54.5 81.7



#14
Allyl chloride
Concen: 20.289 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 41 Resp: 163405
Ion Ratio Lower Upper
41 100
39 73.7 58.8 88.2
76 51.2 39.1 58.7

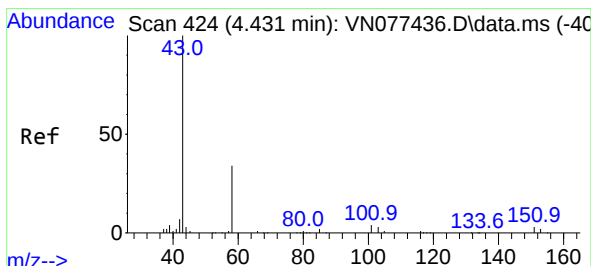
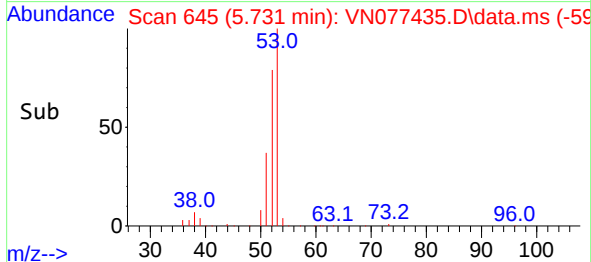
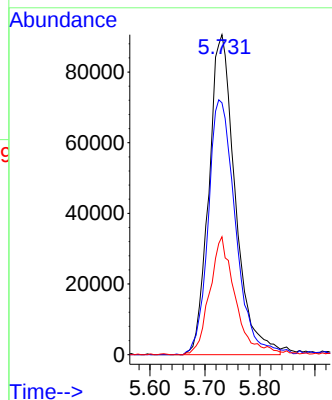
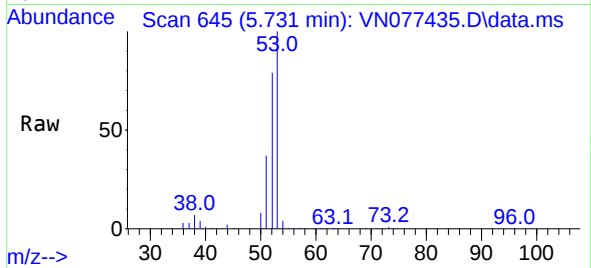




#15
Acrylonitrile
Concen: 97.758 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

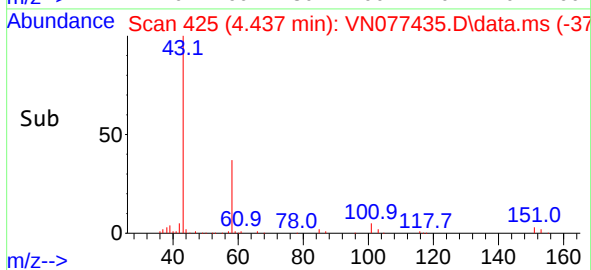
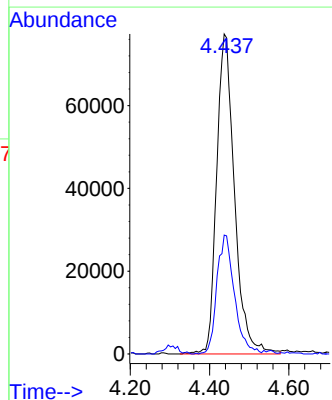
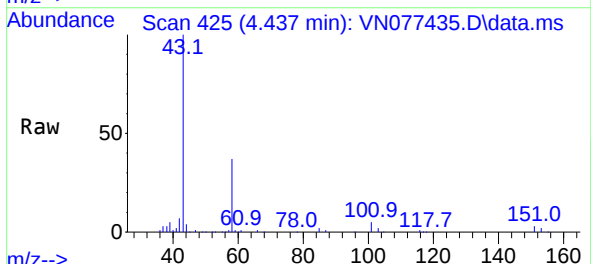
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

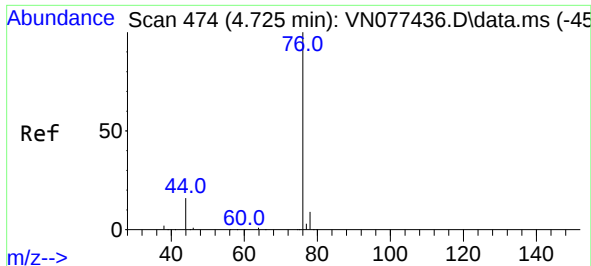
Tgt Ion: 53 Resp: 301557
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 89.814 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 43 Resp: 242025
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

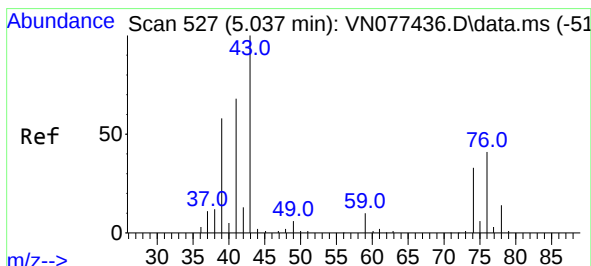
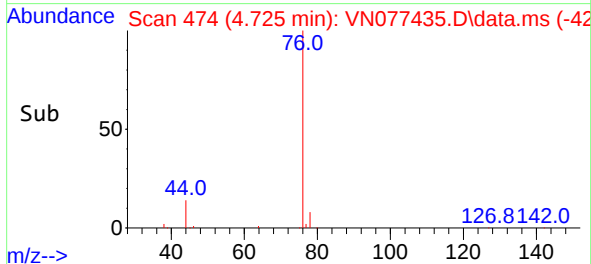
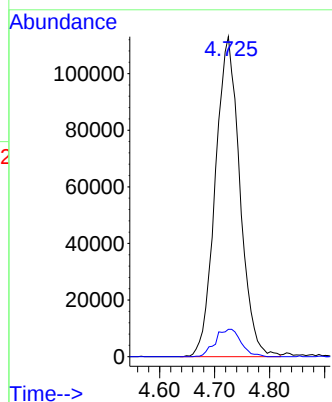
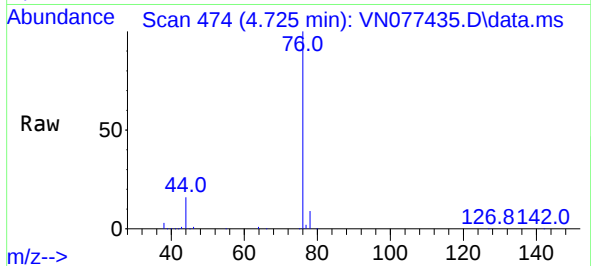




#17
Carbon Disulfide
Concen: 19.007 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

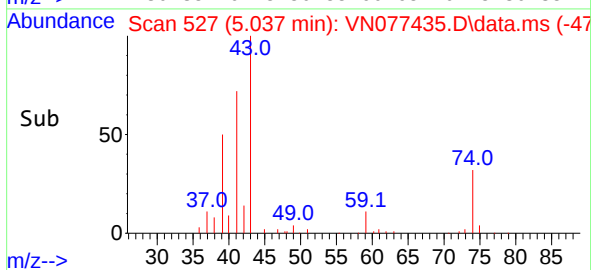
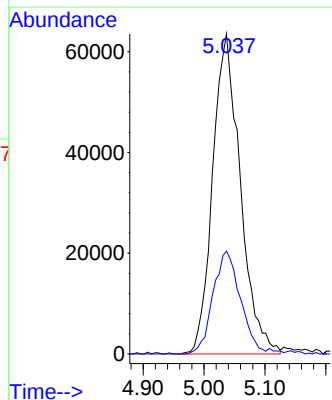
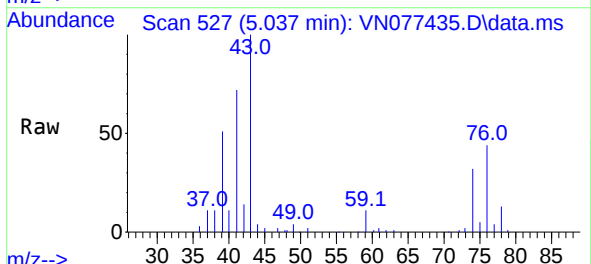
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

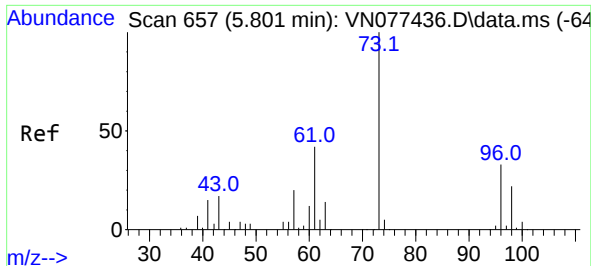
Tgt Ion: 76 Resp: 349861
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.256 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 43 Resp: 200386
Ion Ratio Lower Upper
43 100
74 31.7 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 19.612 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077435.D

Acq: 24 Apr 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

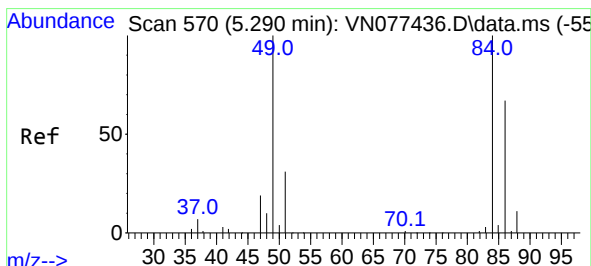
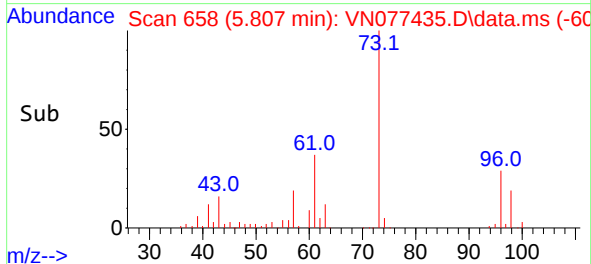
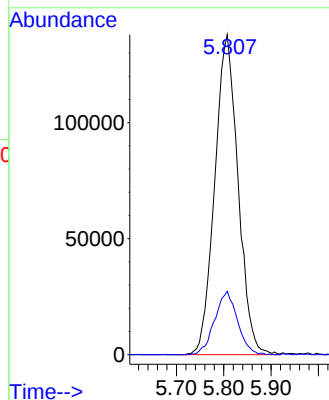
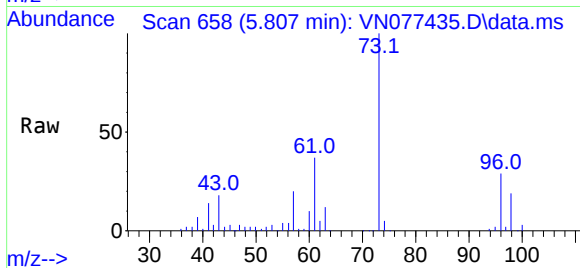
VSTDIC020

Tgt Ion: 73 Resp: 472475

Ion Ratio Lower Upper

73 100

57 19.8 15.6 23.4



#20

Methylene Chloride

Concen: 18.164 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077435.D

Acq: 24 Apr 2023 12:51

Tgt Ion: 84 Resp: 155225

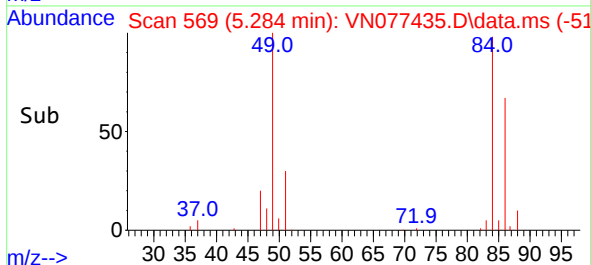
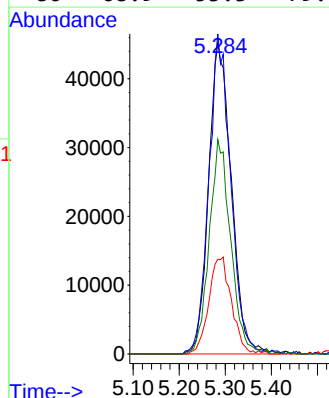
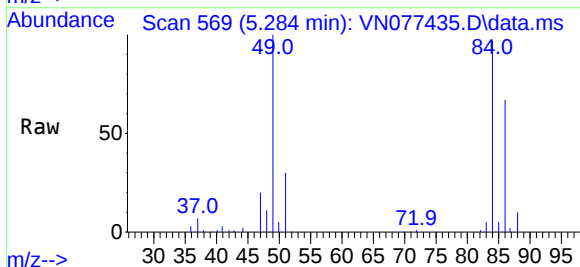
Ion Ratio Lower Upper

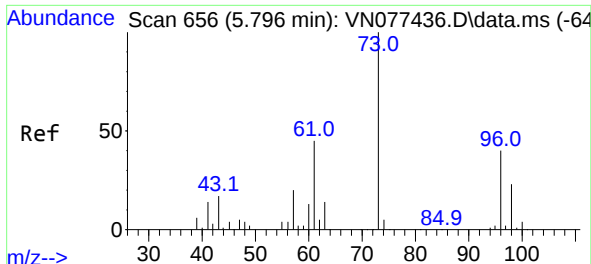
84 100

49 102.8 79.7 119.5

51 30.4 25.2 37.8

86 68.9 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 18.727 ug/l

RT: 5.790 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077435.D

Acq: 24 Apr 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

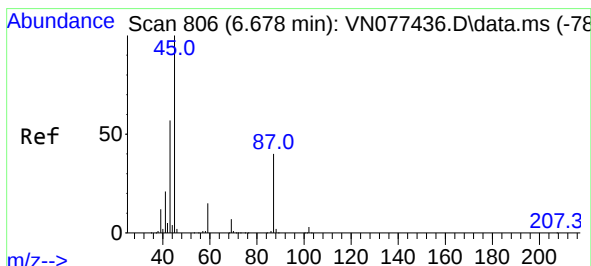
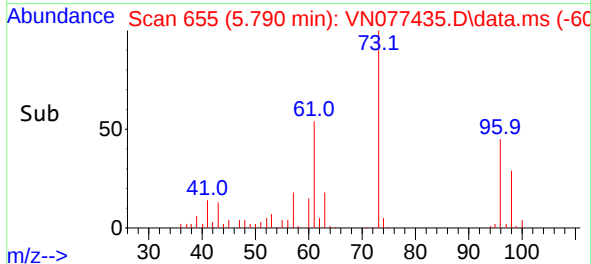
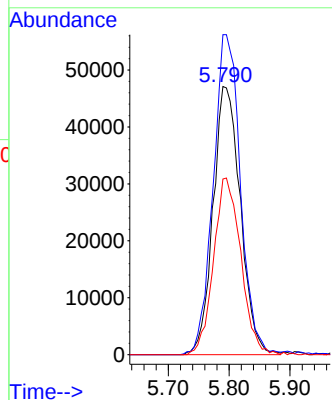
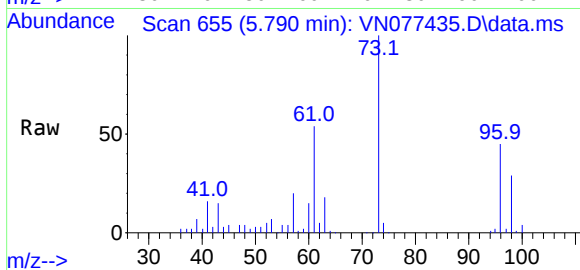
Tgt Ion: 96 Resp: 146694

Ion Ratio Lower Upper

96 100

61 119.3 90.1 135.1

98 65.5 46.4 69.6



#22

Diisopropyl ether

Concen: 19.558 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077435.D

Acq: 24 Apr 2023 12:51

Tgt Ion: 45 Resp: 361509

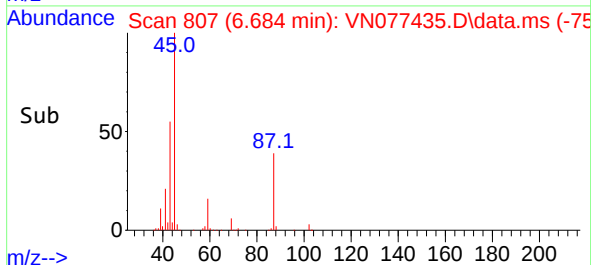
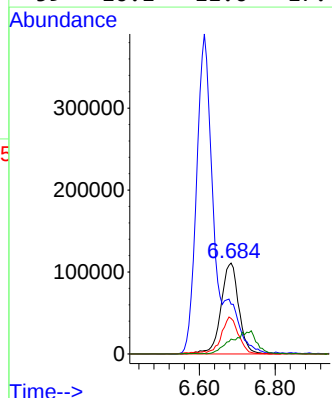
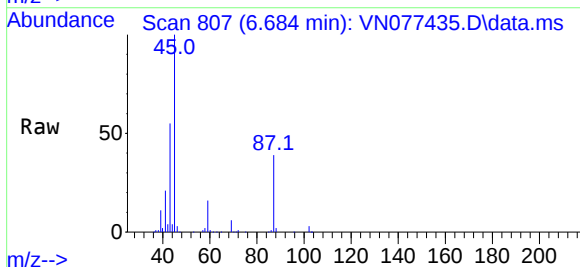
Ion Ratio Lower Upper

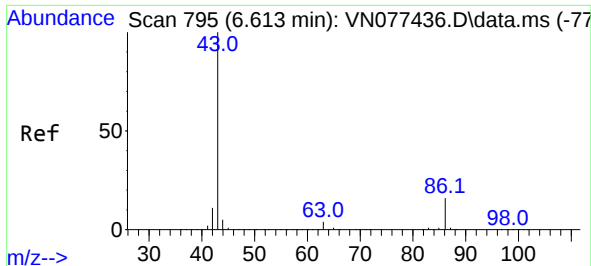
45 100

43 54.1 45.5 68.3

87 39.2 31.8 47.8

59 16.1 11.6 17.4

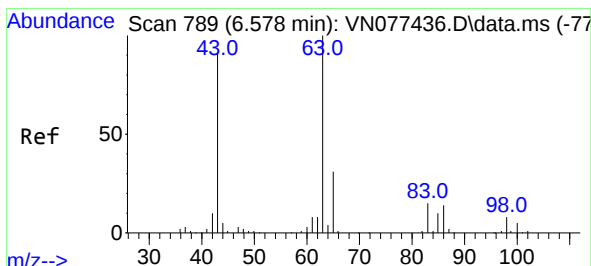
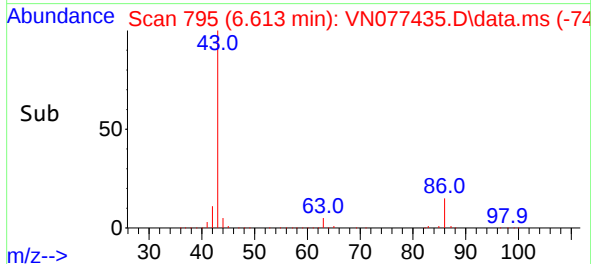
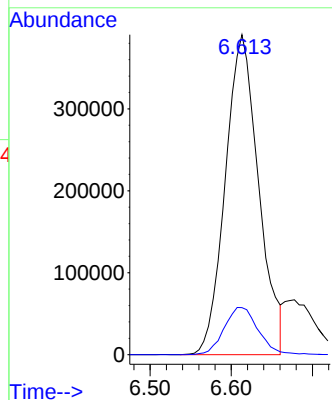
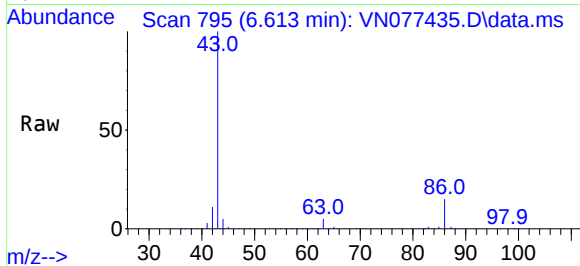




#23
 Vinyl Acetate
 Concen: 96.655 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077435.D
 Acq: 24 Apr 2023 12:51

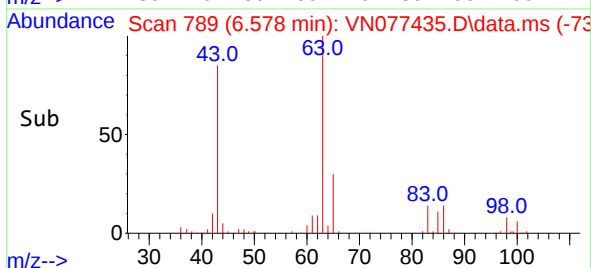
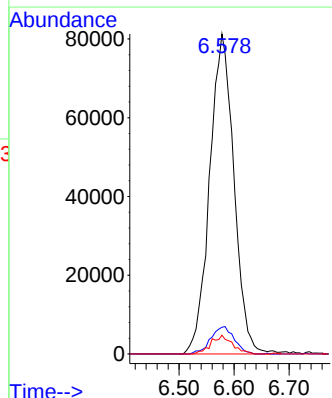
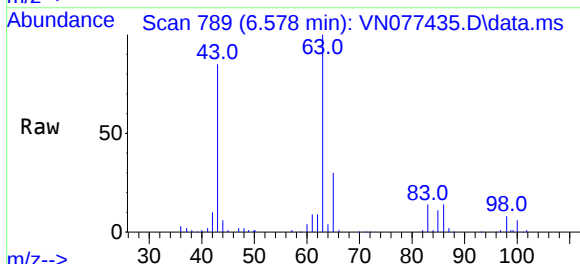
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

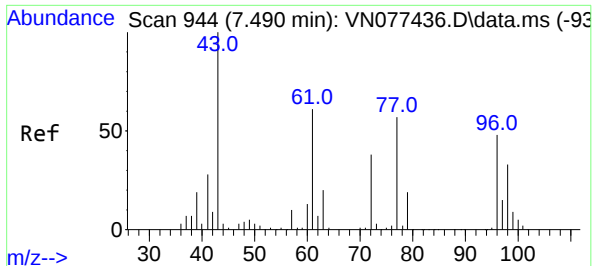
Tgt Ion: 43 Resp: 1115745
 Ion Ratio Lower Upper
 43 100
 86 14.7 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 19.083 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077435.D
 Acq: 24 Apr 2023 12:51

Tgt Ion: 63 Resp: 249684
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 5.8 2.5 7.4

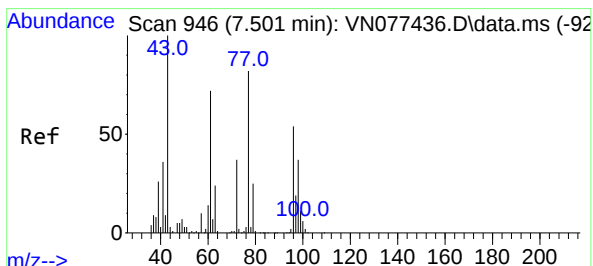
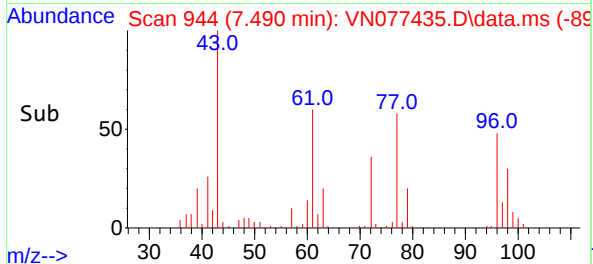
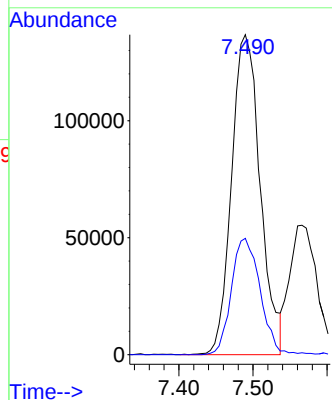
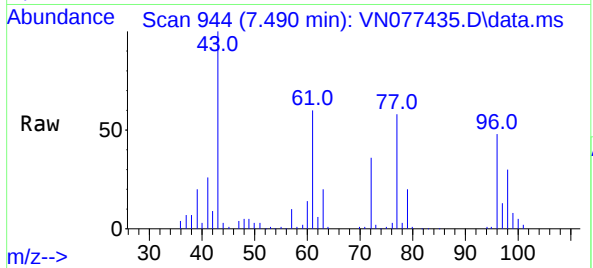




#25
2-Butanone
Concen: 96.181 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

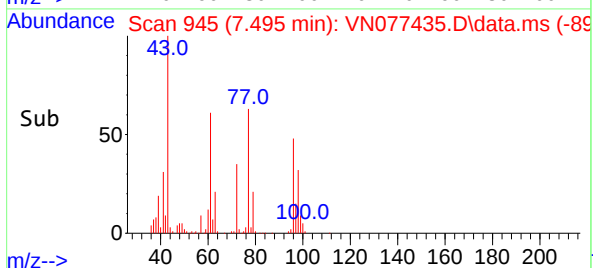
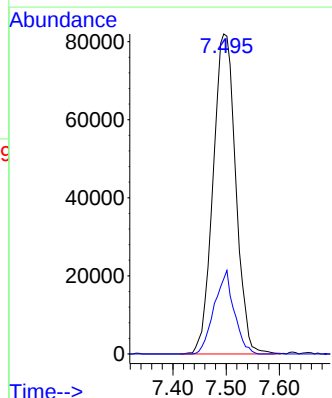
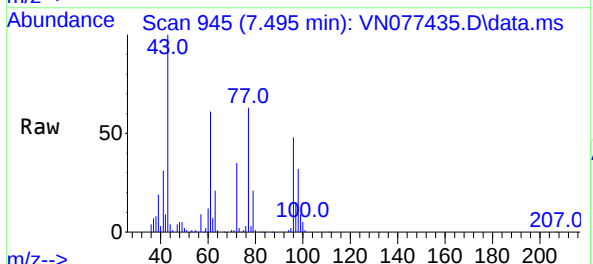
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

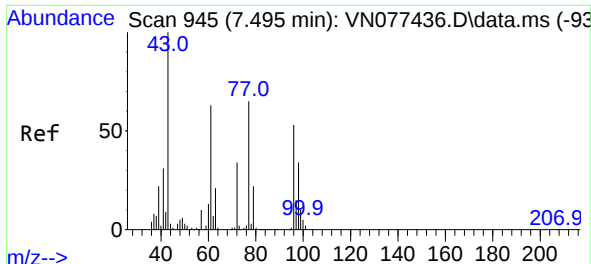
Tgt Ion: 43 Resp: 367607
Ion Ratio Lower Upper
43 100
72 36.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 19.084 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 77 Resp: 242113
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.249 ug/l

RT: 7.490 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077435.D

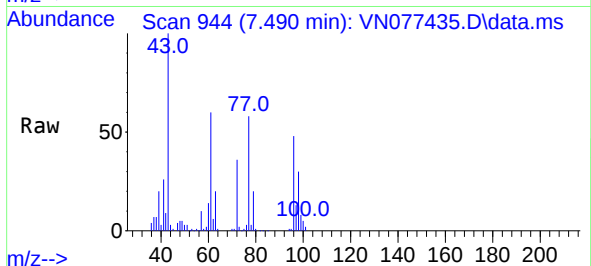
Acq: 24 Apr 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



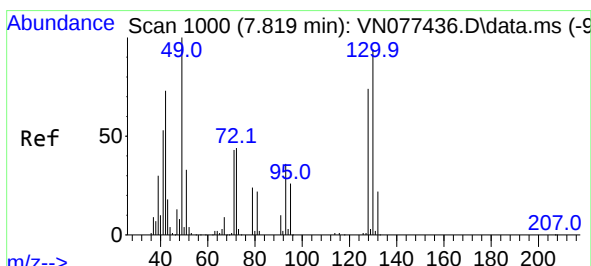
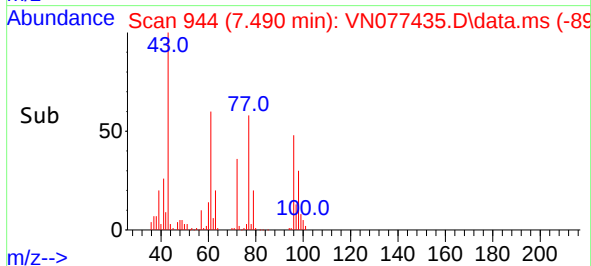
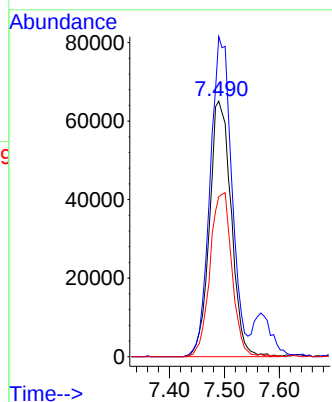
Tgt Ion: 96 Resp: 178574

Ion Ratio Lower Upper

96 100

61 124.6 0.0 255.2

98 64.9 0.0 128.8



#28

Bromochloromethane

Concen: 20.705 ug/l

RT: 7.813 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN077435.D

Acq: 24 Apr 2023 12:51

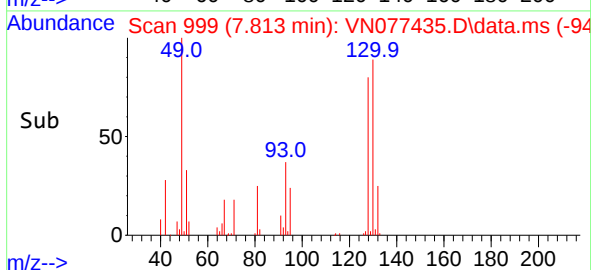
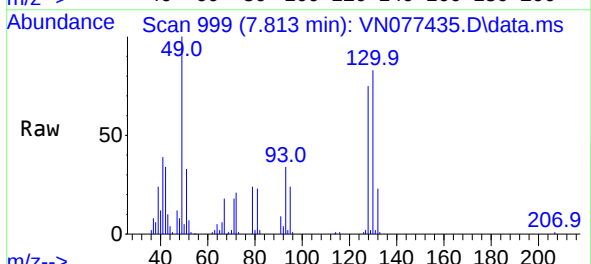
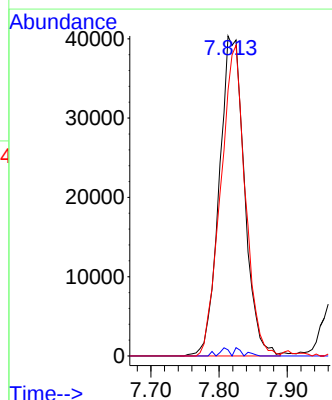
Tgt Ion: 49 Resp: 103454

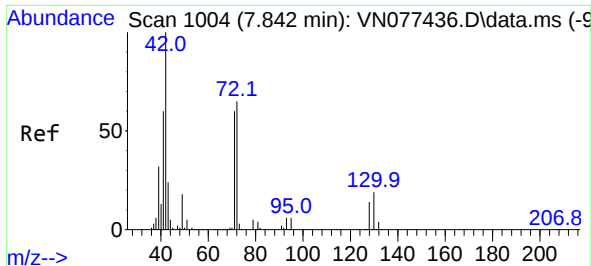
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.8

130 0.0 75.3 112.9

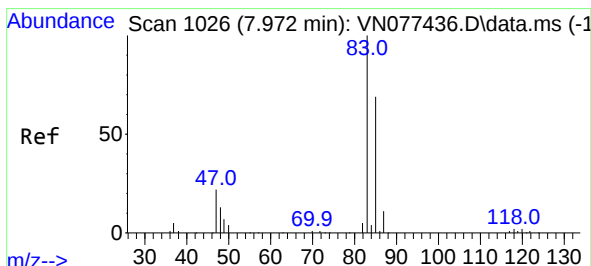
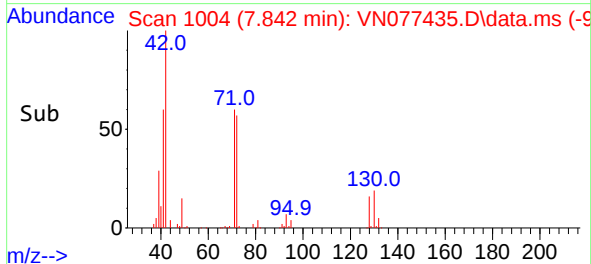
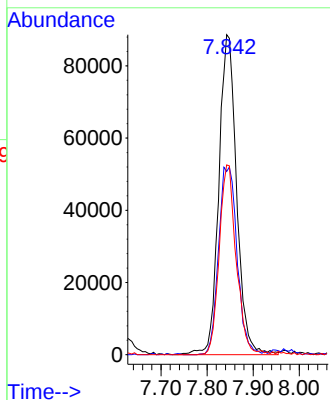
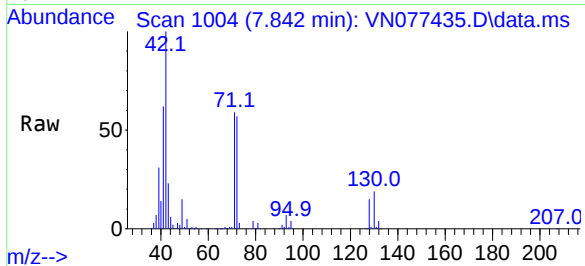




#29
Tetrahydrofuran
Concen: 99.134 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

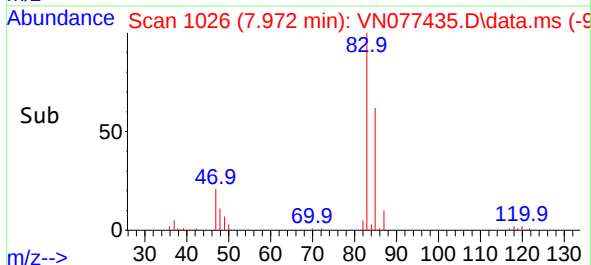
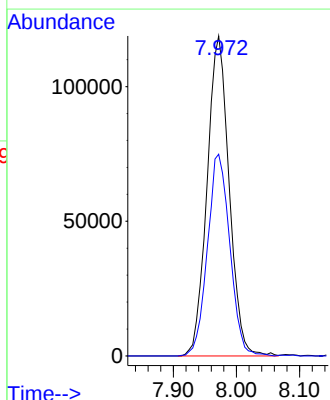
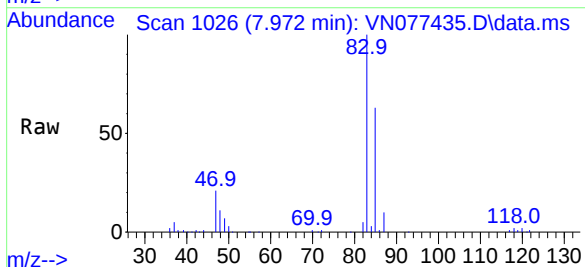
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

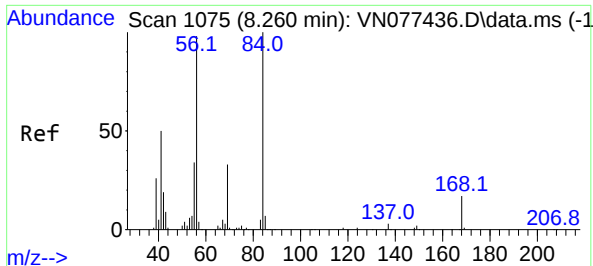
Tgt Ion: 42 Resp: 237397
Ion Ratio Lower Upper
42 100
72 61.1 49.8 74.6
71 56.6 47.4 71.2



#30
Chloroform
Concen: 19.551 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 83 Resp: 288295
Ion Ratio Lower Upper
83 100
85 63.0 55.4 83.0

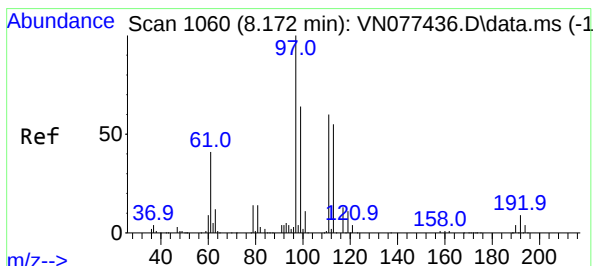
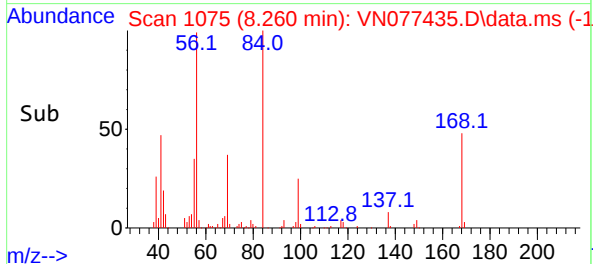
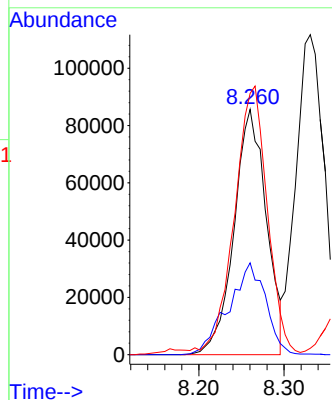
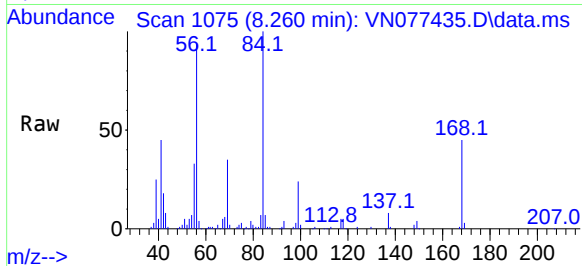




#31
Cyclohexane
Concen: 15.938 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

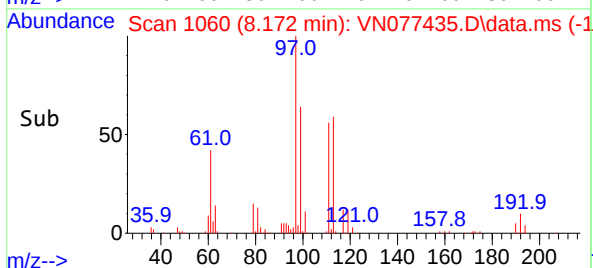
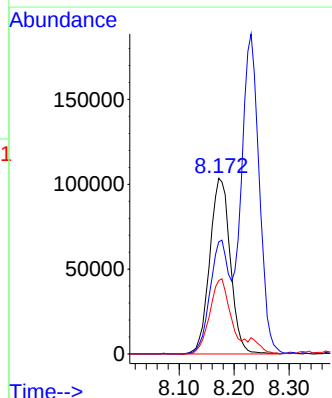
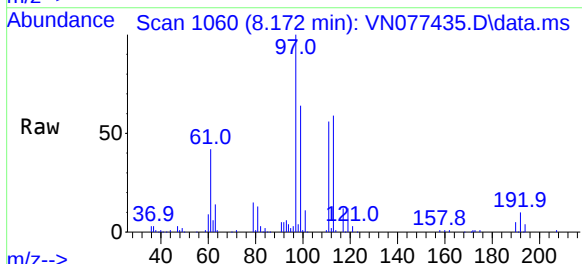
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

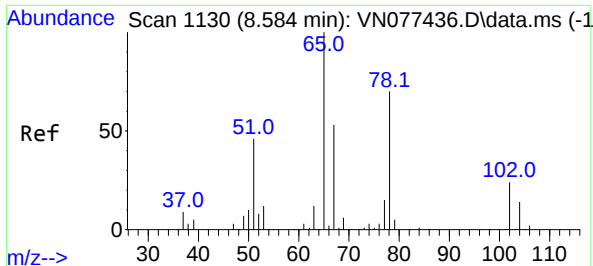
Tgt Ion: 56 Resp: 225319
Ion Ratio Lower Upper
56 100
69 37.4 26.8 40.2
84 104.6 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.869 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 97 Resp: 269352
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 42.6 34.7 52.1

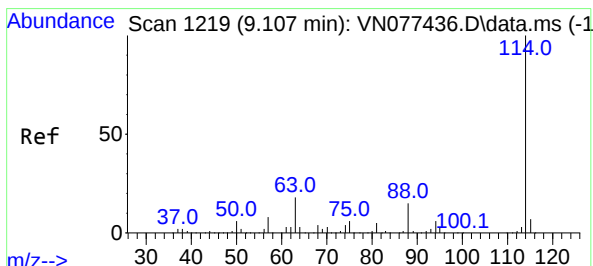
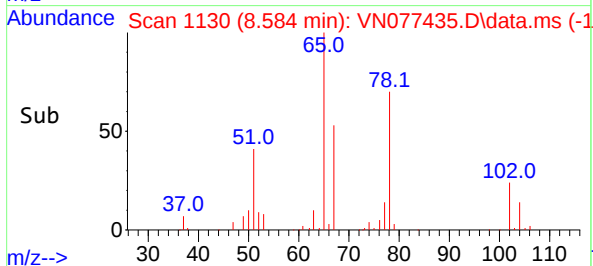
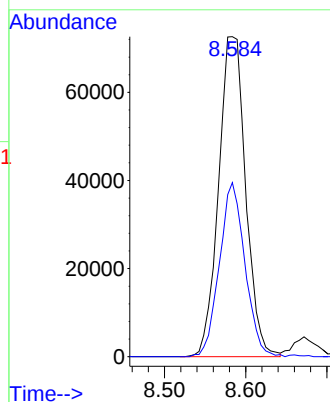
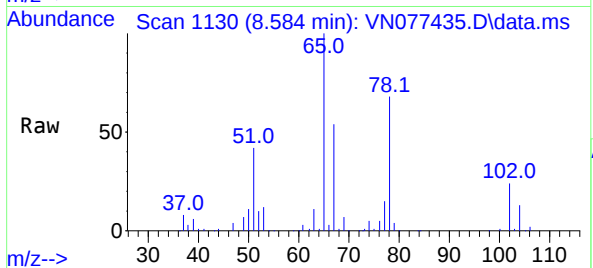




#33
1,2-Dichloroethane-d4
Concen: 19.918 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

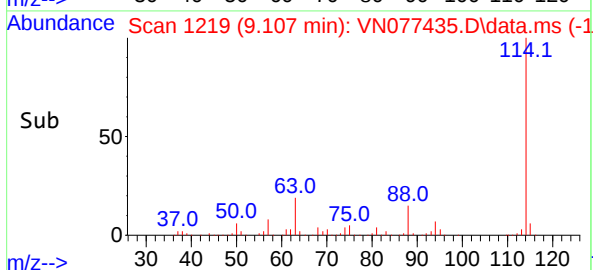
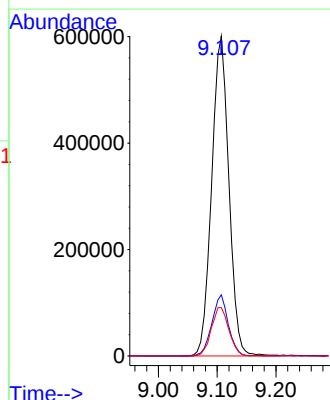
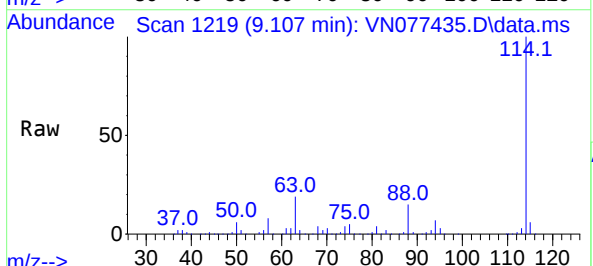
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

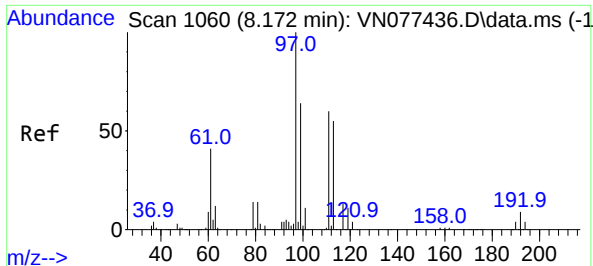
Tgt Ion: 65 Resp: 168615
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 114 Resp: 1222453
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 15.1 0.0 30.6

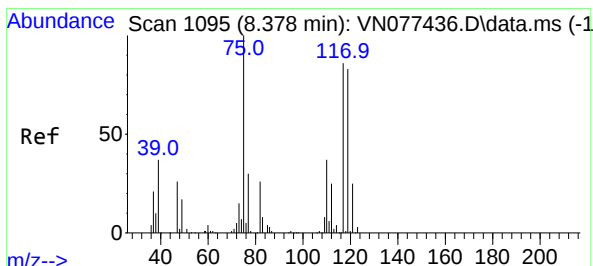
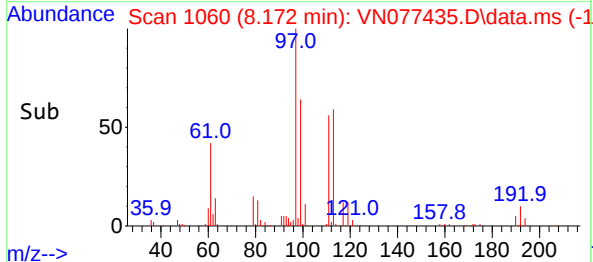
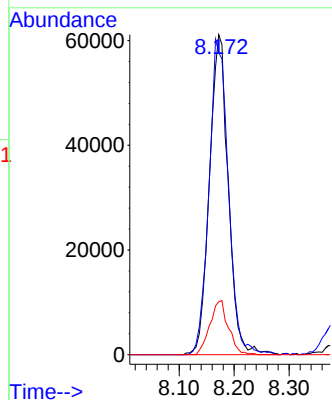
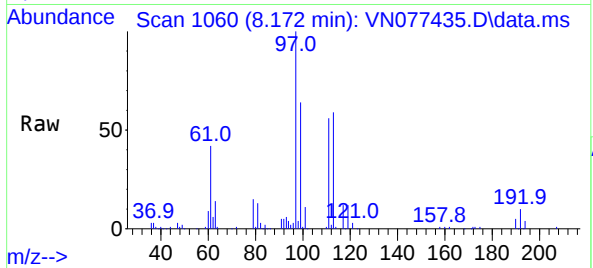




#35
Dibromofluoromethane
Concen: 19.840 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

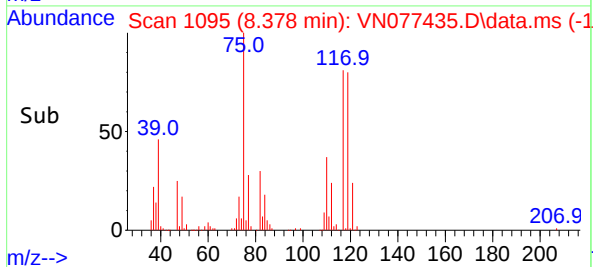
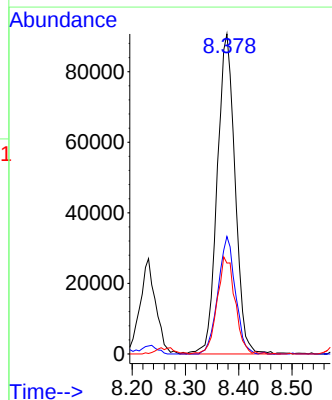
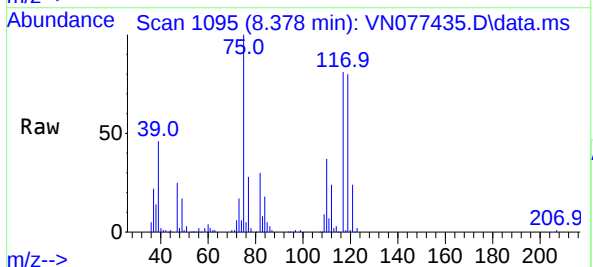
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

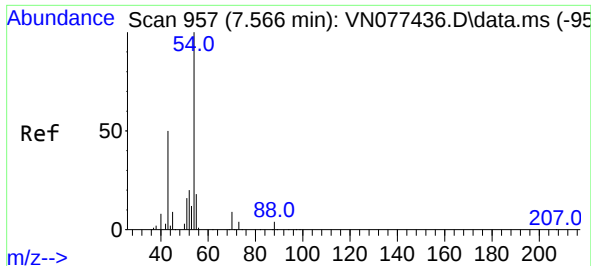
Tgt Ion: 113 Resp: 145368
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 16.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.843 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 75 Resp: 210637
Ion Ratio Lower Upper
75 100
110 35.7 19.1 57.3
77 30.6 25.0 37.4

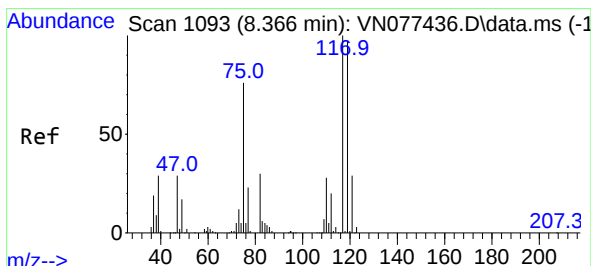
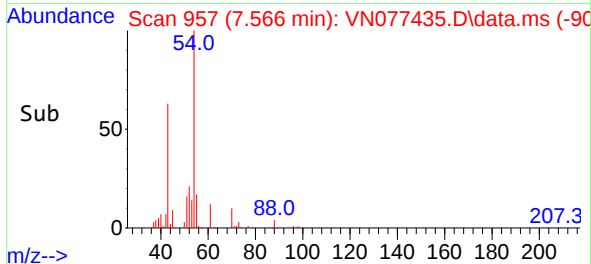
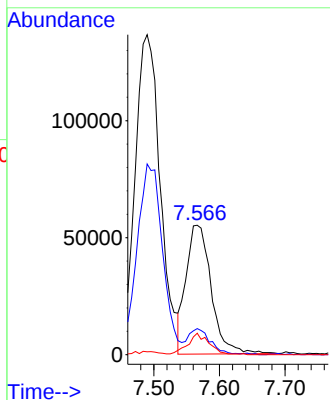
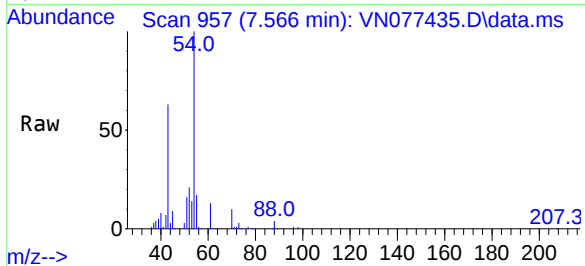




#37
Ethyl Acetate
Concen: 18.199 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

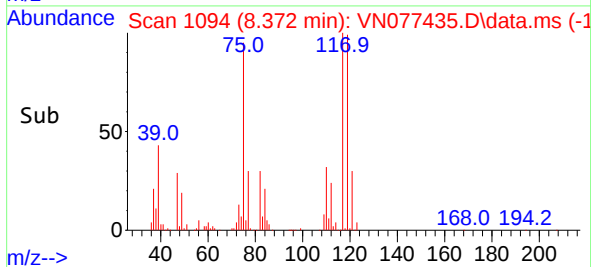
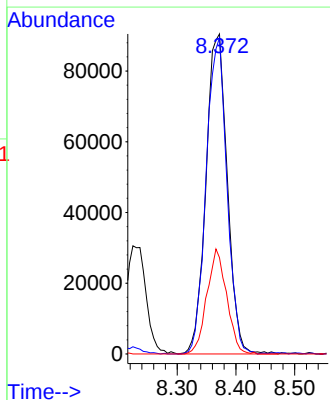
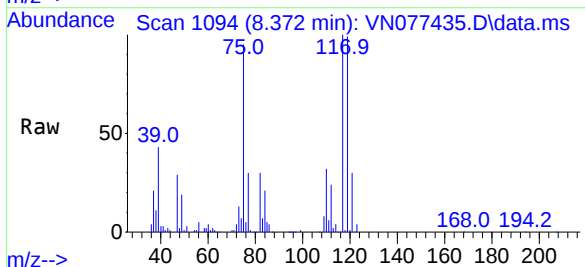
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

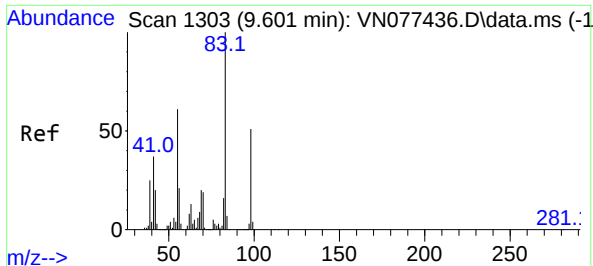
Tgt Ion: 43 Resp: 146798
Ion Ratio Lower Upper
43 100
61 17.0 13.2 19.8
70 13.1 11.3 16.9



#38
Carbon Tetrachloride
Concen: 19.498 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 117 Resp: 228356
Ion Ratio Lower Upper
117 100
119 98.8 77.3 115.9
121 30.1 23.3 34.9





#39

Methylcyclohexane

Concen: 19.357 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077435.D

Acq: 24 Apr 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

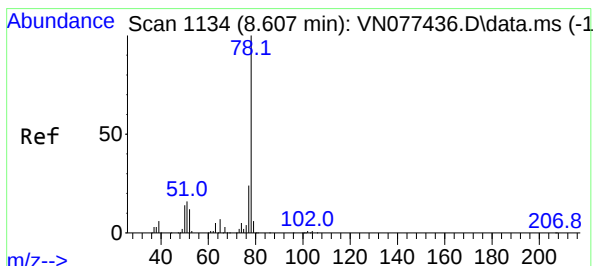
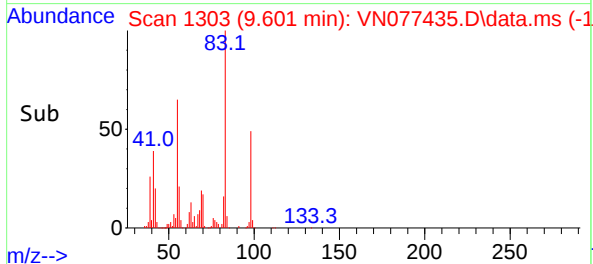
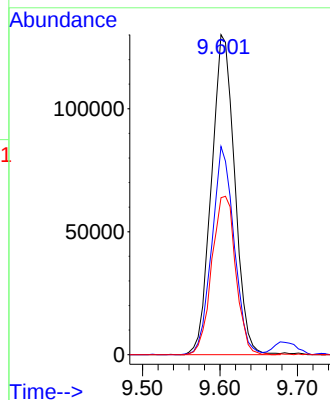
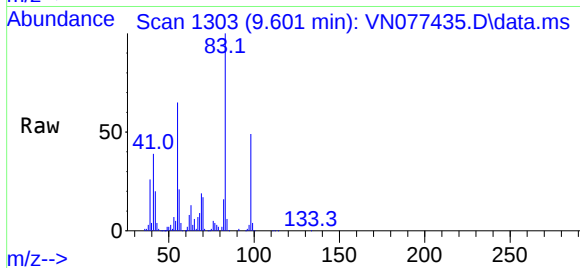
Tgt Ion: 83 Resp: 270722

Ion Ratio Lower Upper

83 100

55 65.0 49.1 73.7

98 49.0 40.6 61.0



#40

Benzene

Concen: 19.202 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077435.D

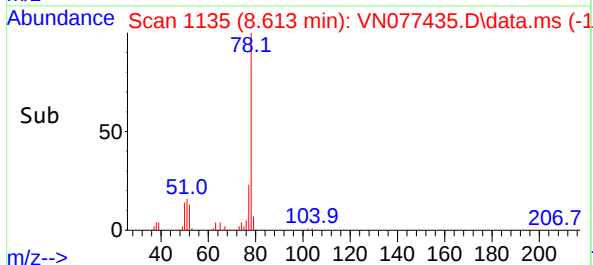
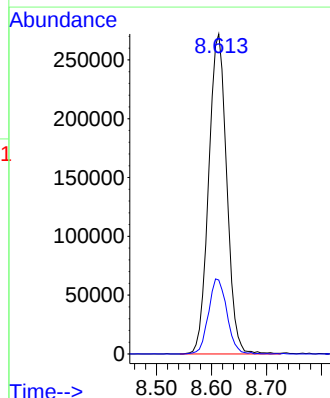
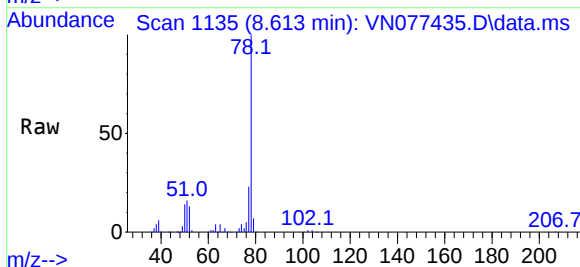
Acq: 24 Apr 2023 12:51

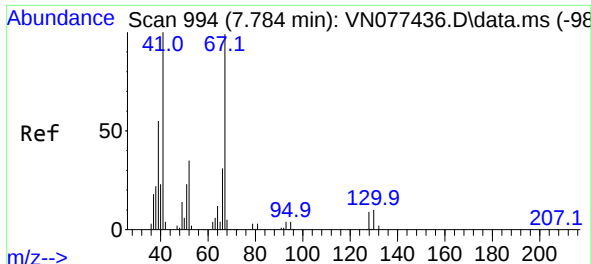
Tgt Ion: 78 Resp: 620943

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6



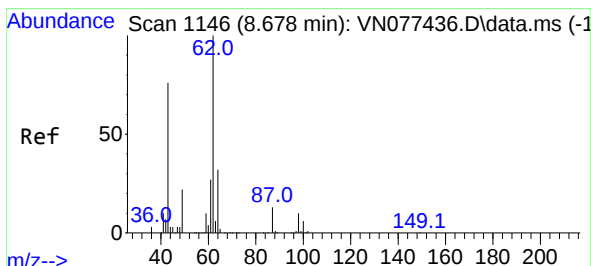
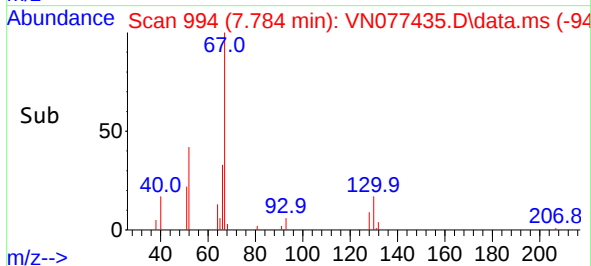
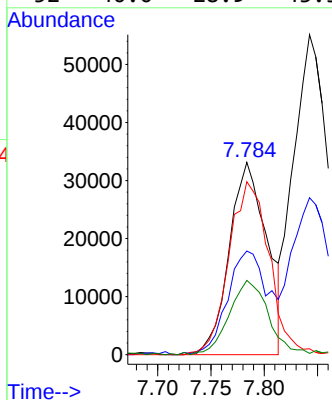
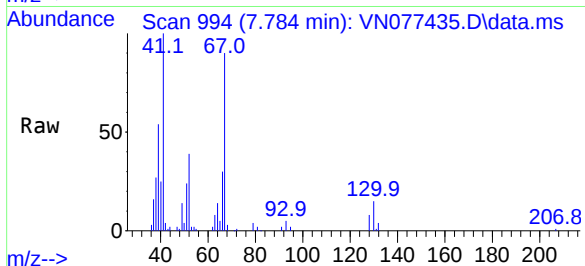


#41
Methacrylonitrile
Concen: 19.439 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 81668

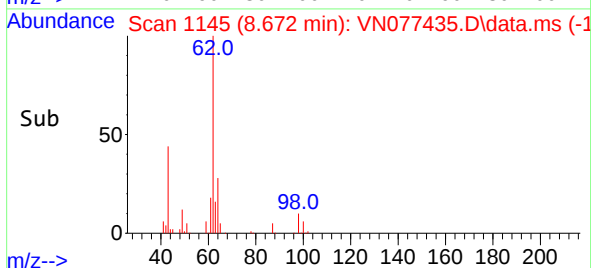
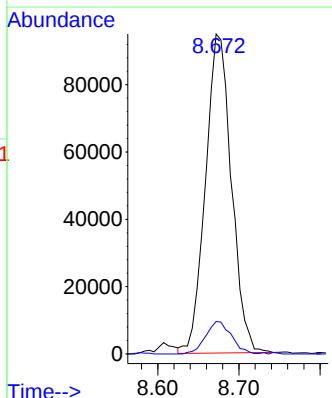
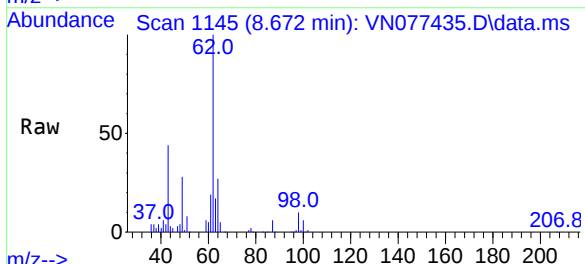
Ion	Ratio	Lower	Upper
41	100		
39	58.7	42.6	64.0
67	95.9	77.5	116.3
52	40.0	28.9	43.3

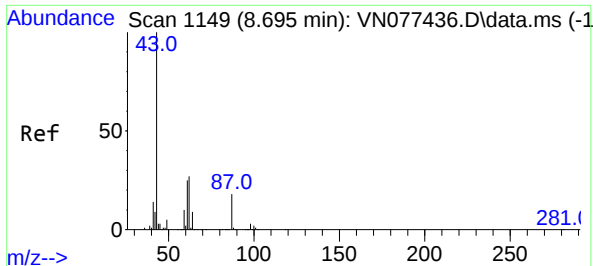


#42
1,2-Dichloroethane
Concen: 18.947 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 62 Resp: 210437

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8

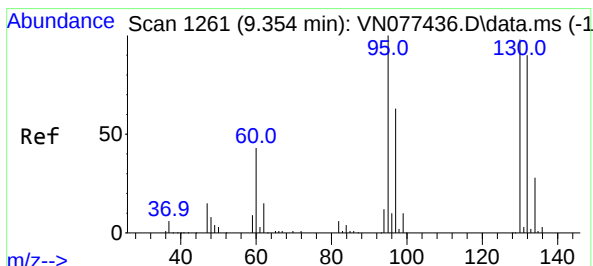
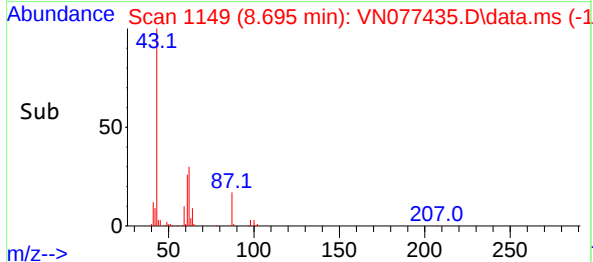
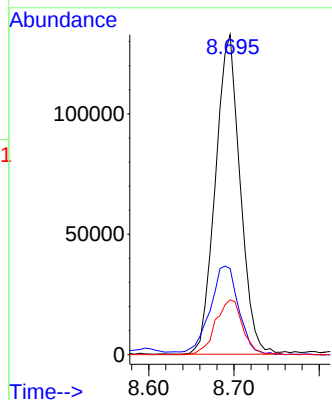
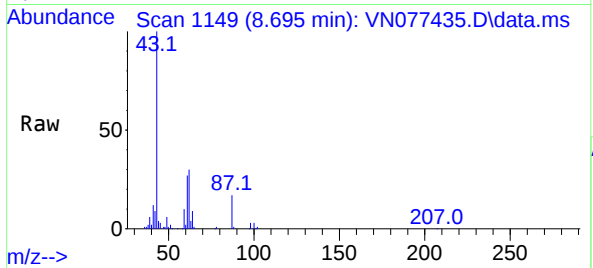




#43
Isopropyl Acetate
Concen: 19.185 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

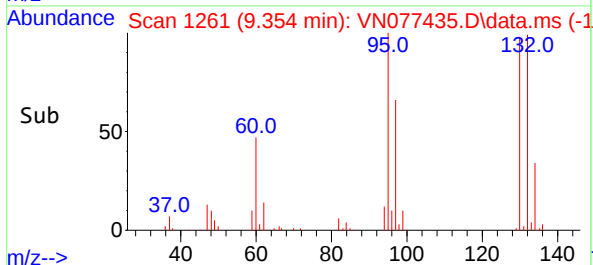
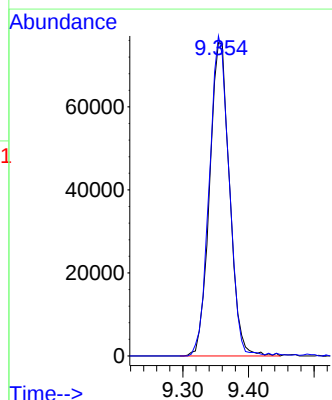
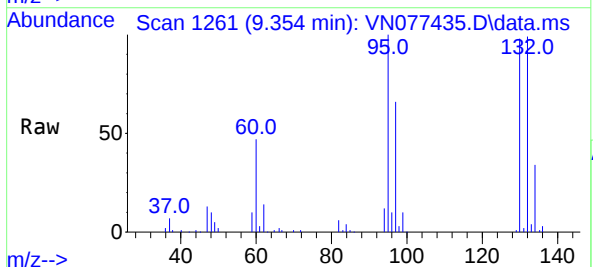
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

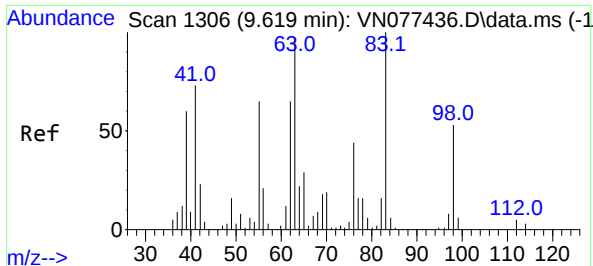
Tgt Ion: 43 Resp: 267721
Ion Ratio Lower Upper
43 100
61 32.2 24.7 37.1
87 18.8 14.6 21.8



#44
Trichloroethene
Concen: 19.297 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:130 Resp: 159770
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.007 ug/l

RT: 9.625 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077435.D

Acq: 24 Apr 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

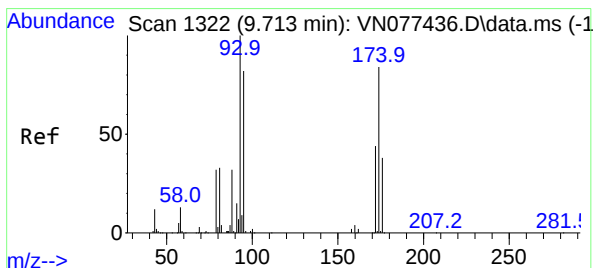
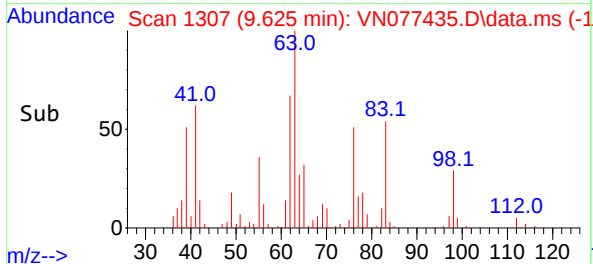
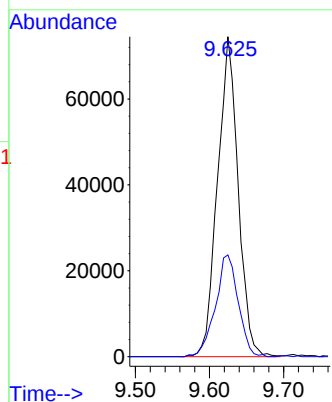
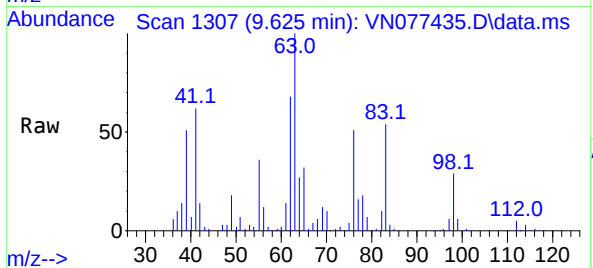
VSTDIC020

Tgt Ion: 63 Resp: 143975

Ion Ratio Lower Upper

63 100

65 31.8 23.9 35.9



#46

Dibromomethane

Concen: 18.677 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077435.D

Acq: 24 Apr 2023 12:51

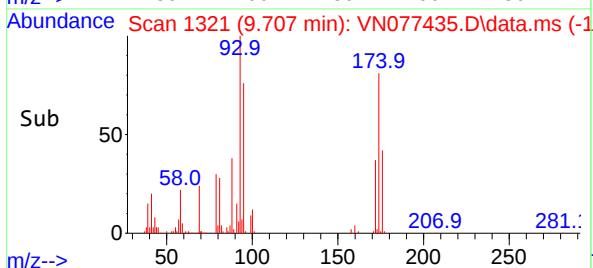
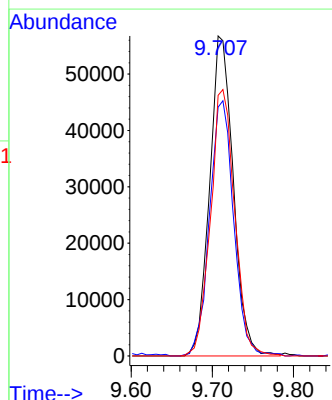
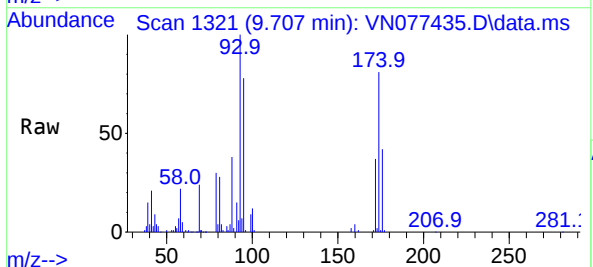
Tgt Ion: 93 Resp: 114798

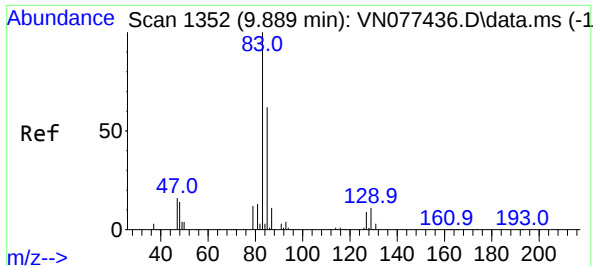
Ion Ratio Lower Upper

93 100

95 81.6 63.8 95.8

174 85.2 65.6 98.4

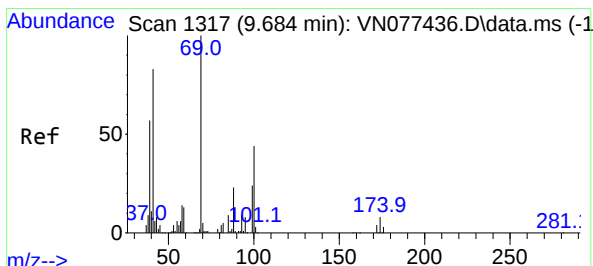
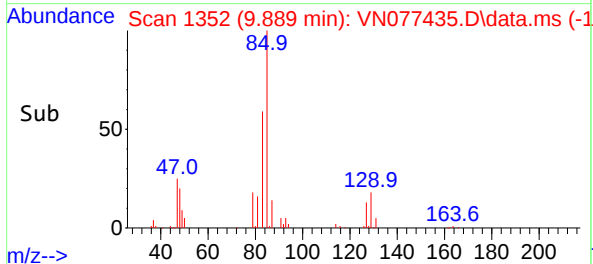
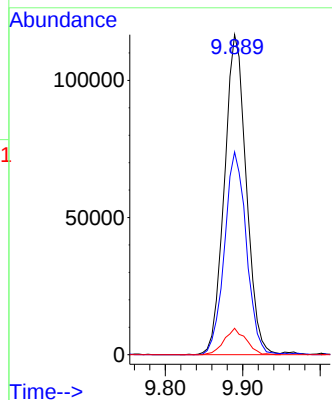
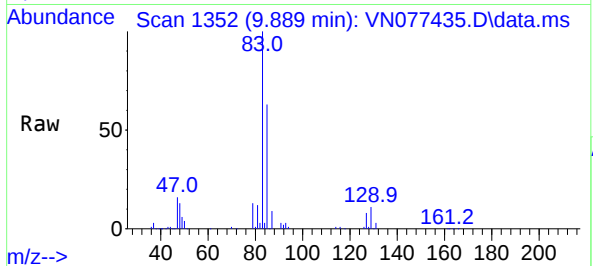




#47
Bromodichloromethane
Concen: 19.223 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

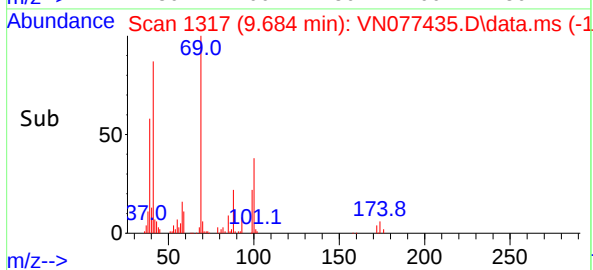
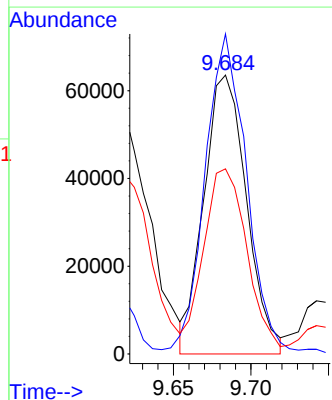
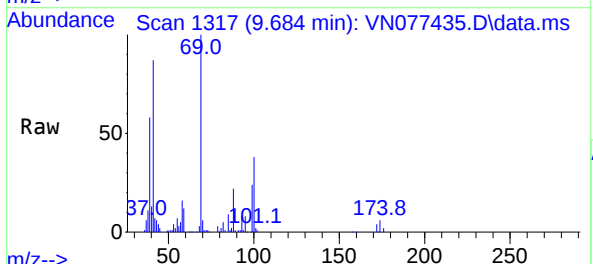
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

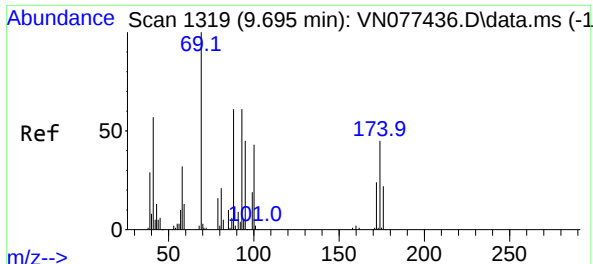
Tgt Ion: 83 Resp: 228546
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 19.162 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 41 Resp: 121718
Ion Ratio Lower Upper
41 100
69 111.4 90.4 135.6
39 67.4 54.6 81.8

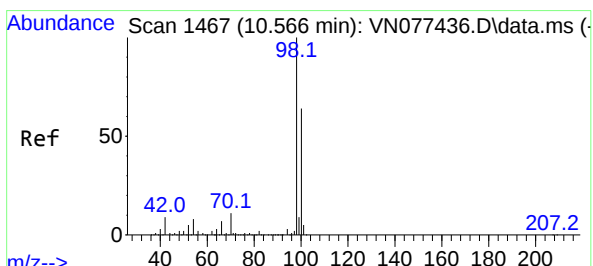
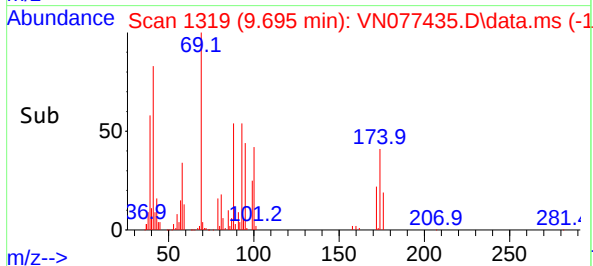
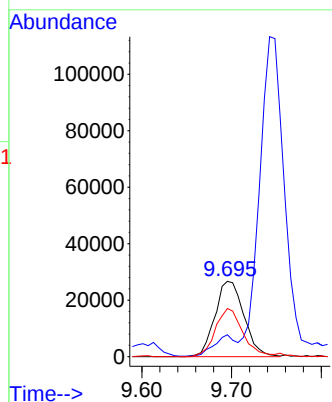
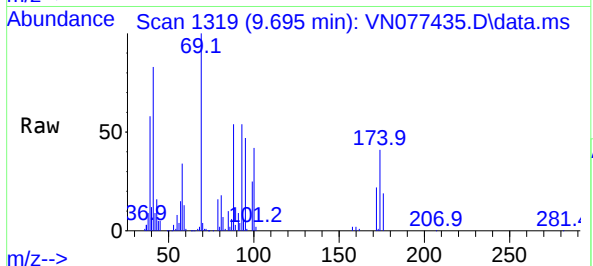




#49
1,4-Dioxane
Concen: 374.742 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

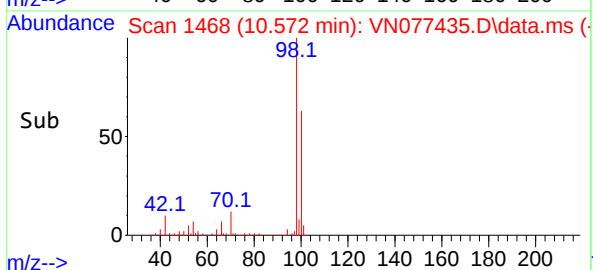
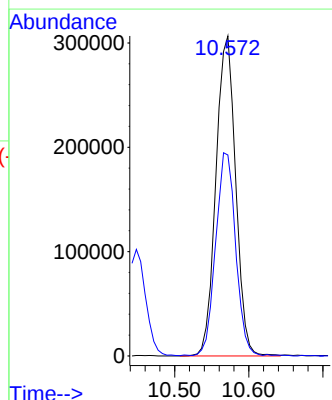
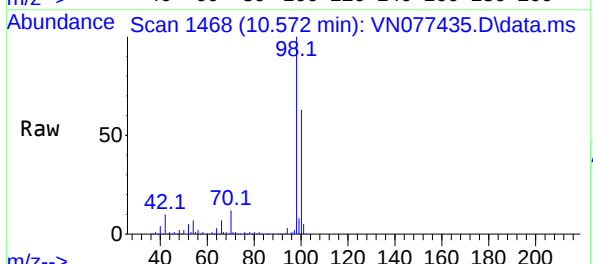
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

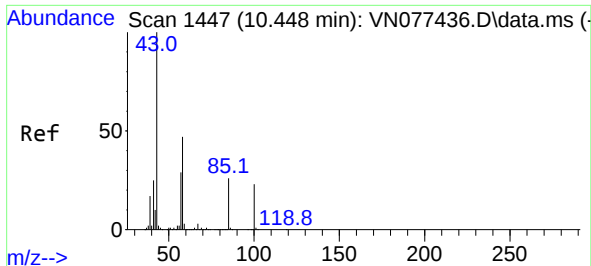
Tgt Ion: 88 Resp: 59707
Ion Ratio Lower Upper
88 100
43 21.1 17.0 25.6
58 62.2 47.0 70.4



#50
Toluene-d8
Concen: 20.272 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 98 Resp: 568011
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

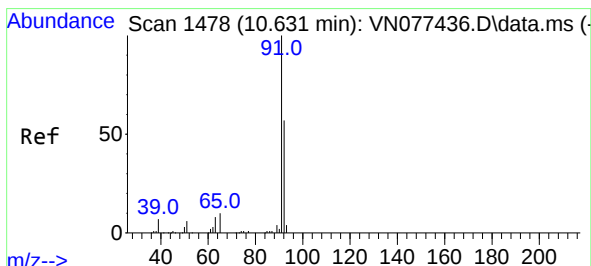
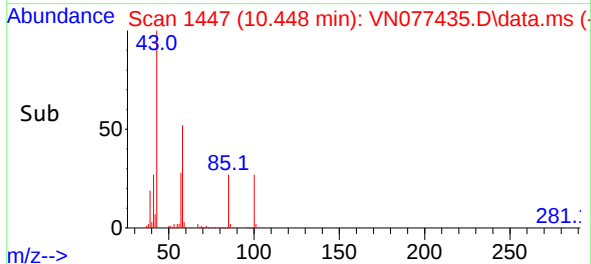
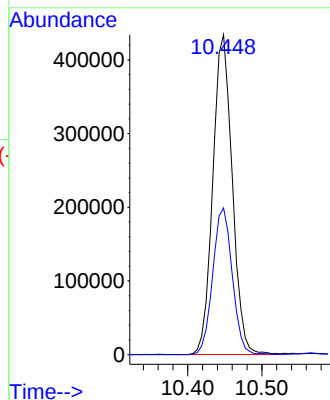
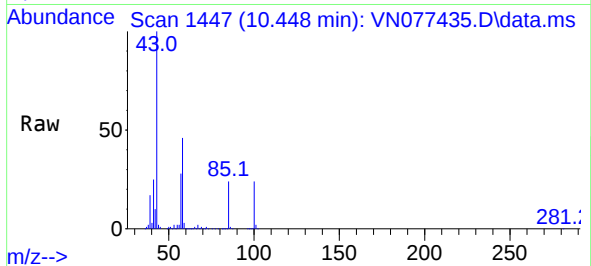




#51
4-Methyl-2-Pentanone
Concen: 96.665 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

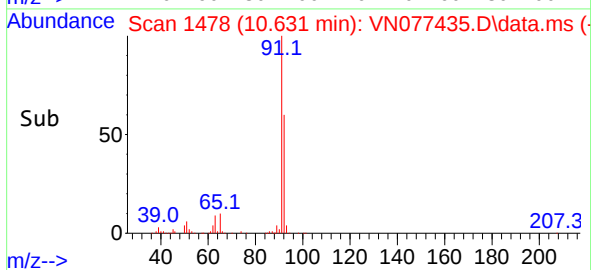
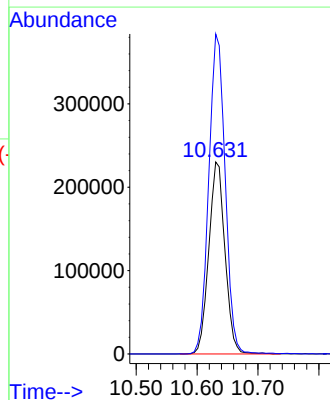
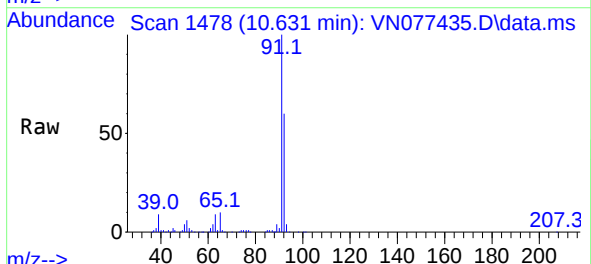
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

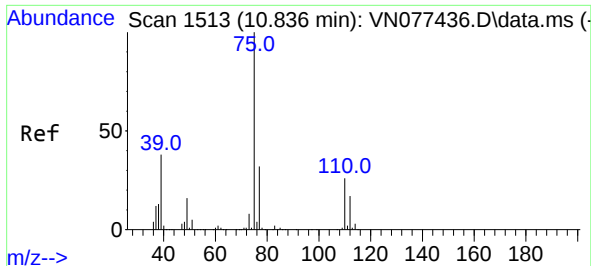
Tgt Ion: 43 Resp: 791194
Ion Ratio Lower Upper
43 100
58 46.1 36.6 54.8



#52
Toluene
Concen: 20.056 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 92 Resp: 424866
Ion Ratio Lower Upper
92 100
91 168.9 137.4 206.0

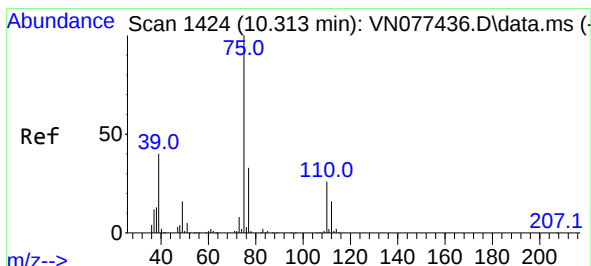
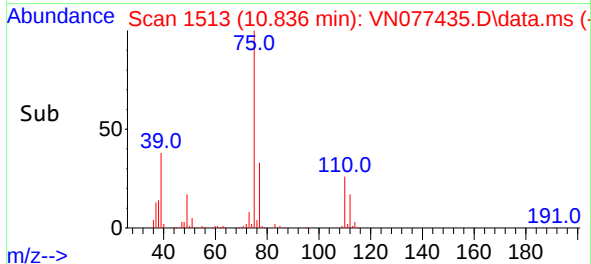
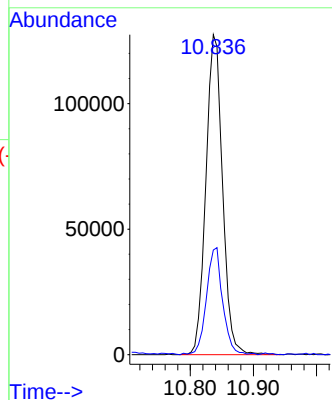
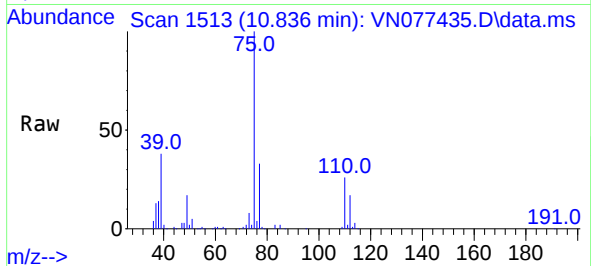




#53
t-1,3-Dichloropropene
Concen: 19.401 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

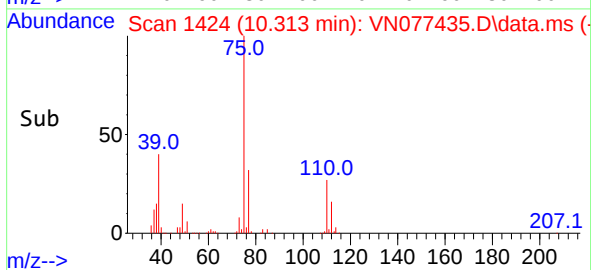
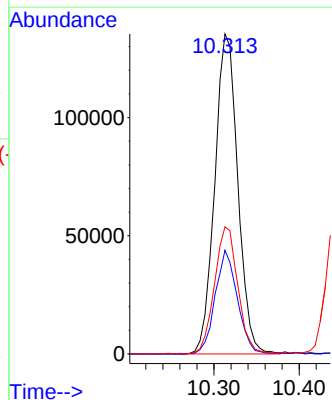
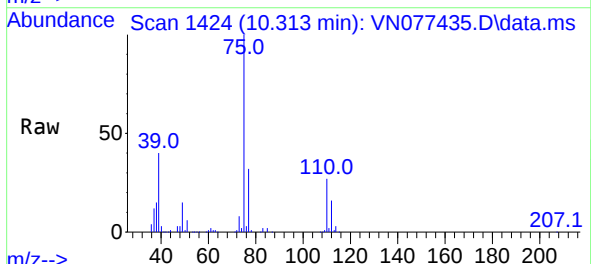
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

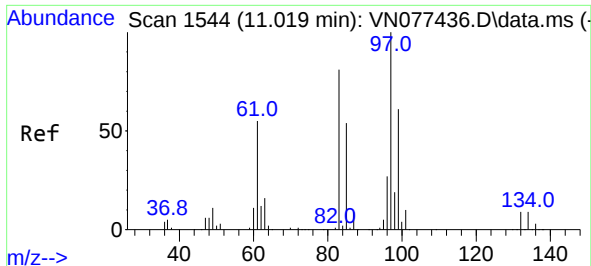
Tgt Ion: 75 Resp: 233562
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.452 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 75 Resp: 254893
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 39.5 31.6 47.4



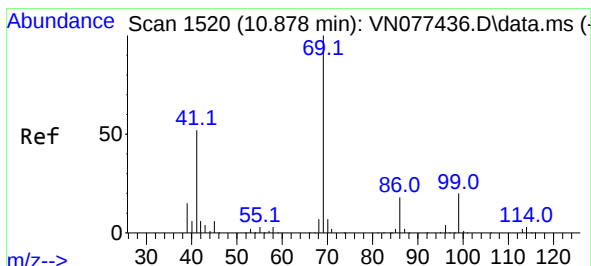
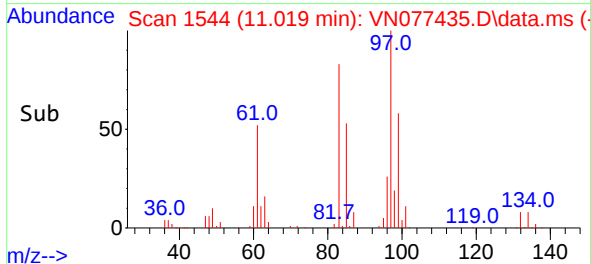
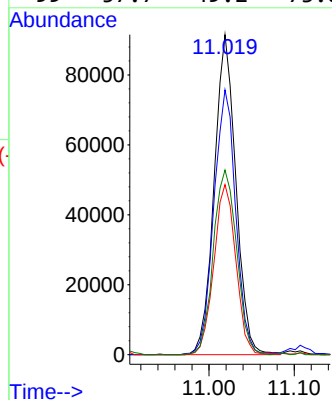
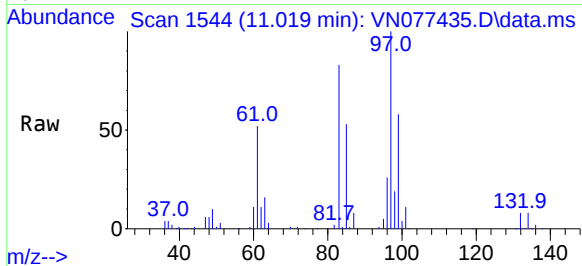


#55
1,1,2-Trichloroethane
Concen: 19.007 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 161916

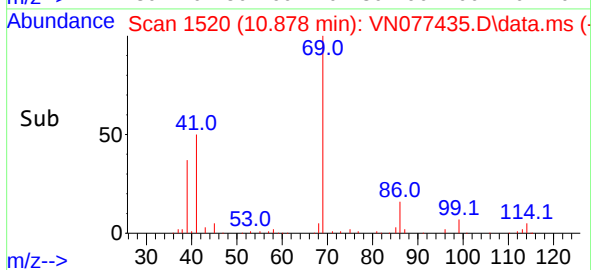
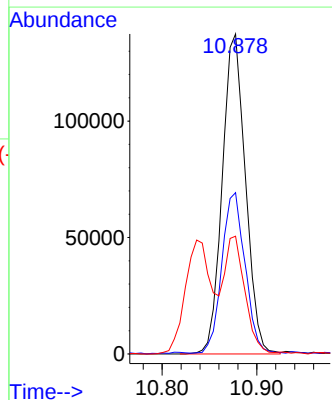
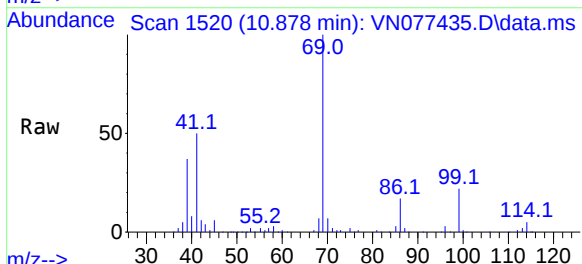
Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.1	97.7
85	53.2	43.4	65.2
99	57.7	49.2	73.8

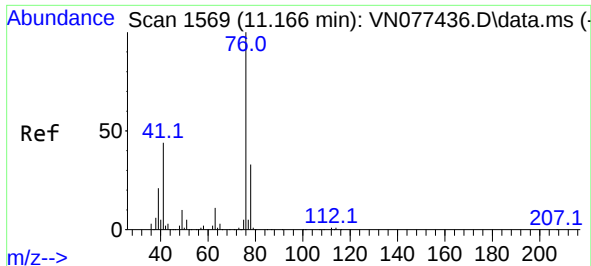


#56
Ethyl methacrylate
Concen: 19.576 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 69 Resp: 233677

Ion	Ratio	Lower	Upper
69	100		
41	50.2	39.6	59.4
39	32.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.555 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077435.D

Acq: 24 Apr 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

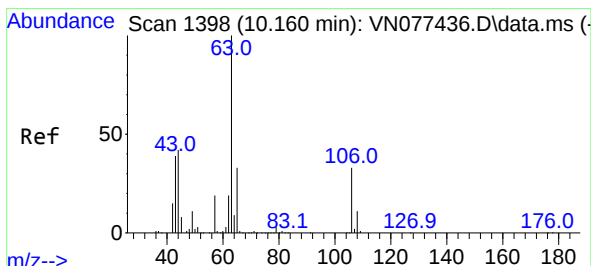
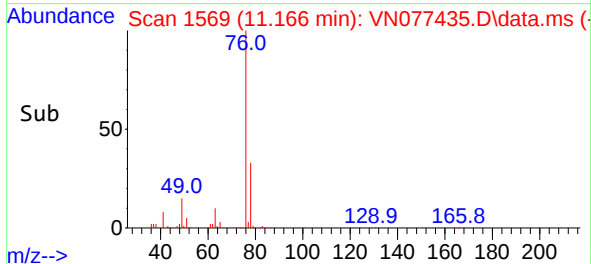
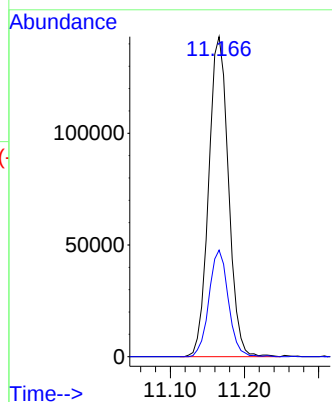
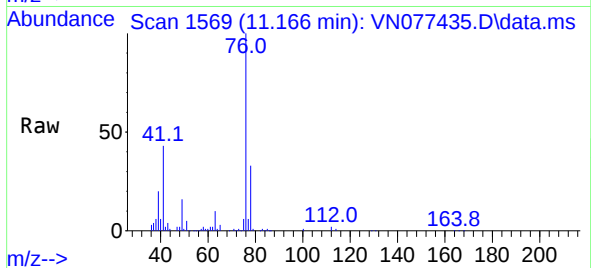
VSTDICC020

Tgt Ion: 76 Resp: 265343

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 90.203 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077435.D

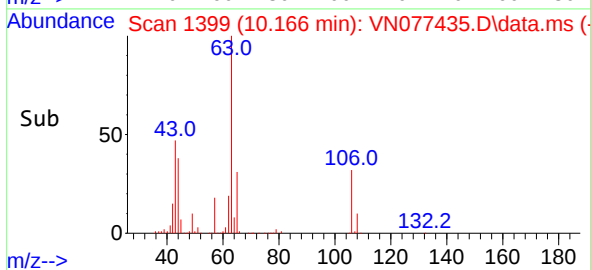
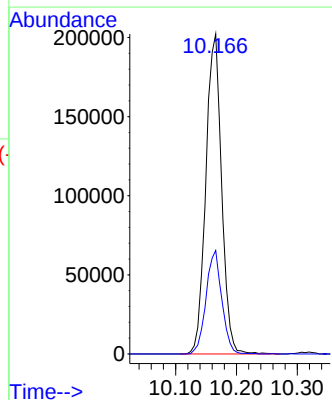
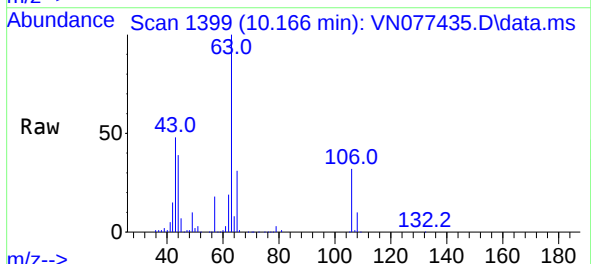
Acq: 24 Apr 2023 12:51

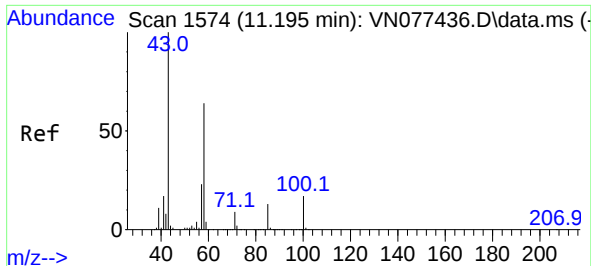
Tgt Ion: 63 Resp: 364187

Ion Ratio Lower Upper

63 100

106 32.3 26.2 39.4

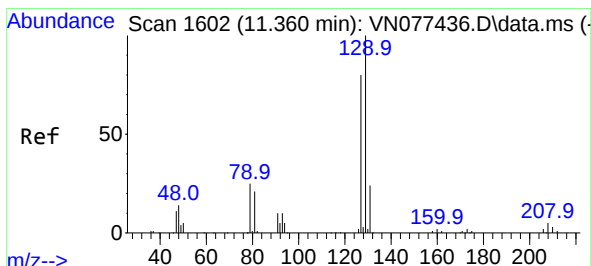
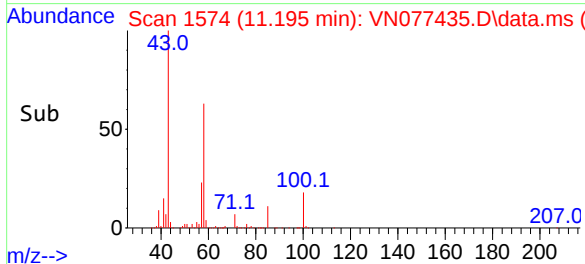
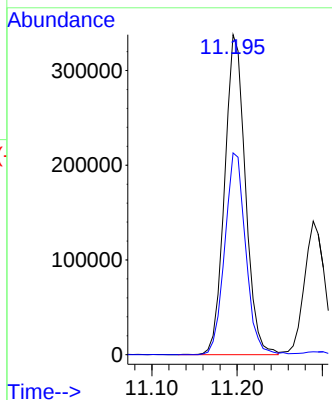
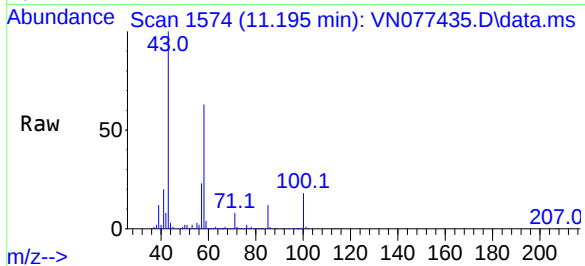




#59
2-Hexanone
Concen: 95.764 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

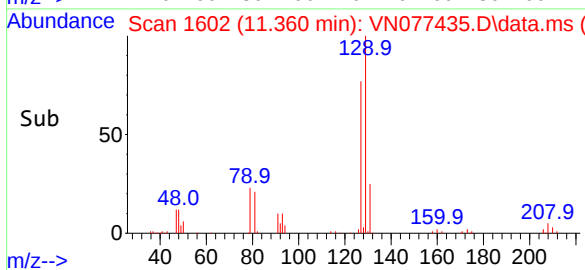
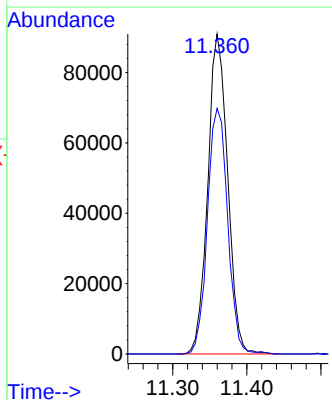
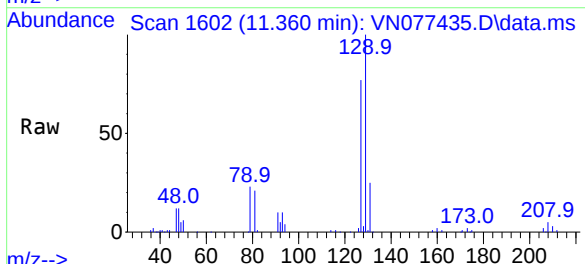
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

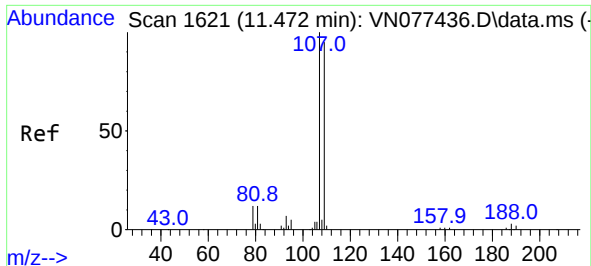
Tgt Ion: 43 Resp: 569753
Ion Ratio Lower Upper
43 100
58 63.8 31.7 95.1



#60
Dibromochloromethane
Concen: 19.170 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:129 Resp: 169483
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

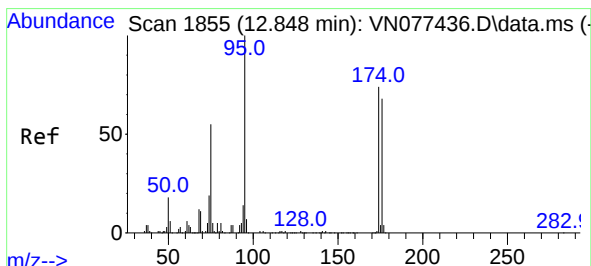
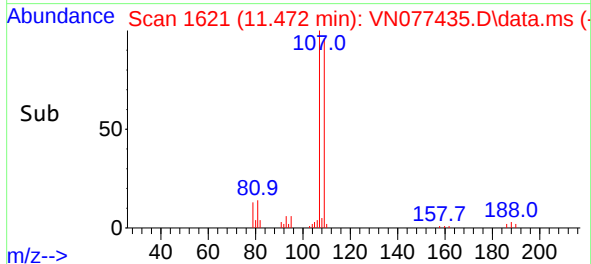
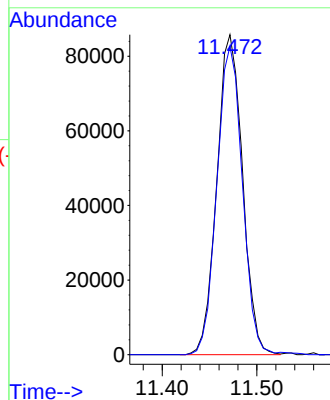
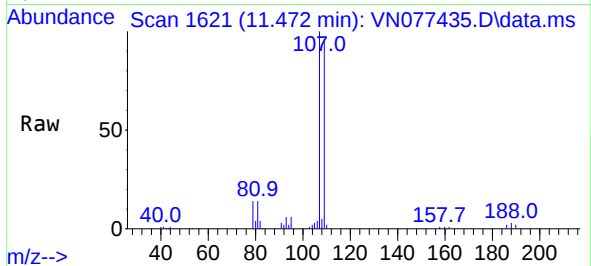




#61
1,2-Dibromoethane
Concen: 18.603 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

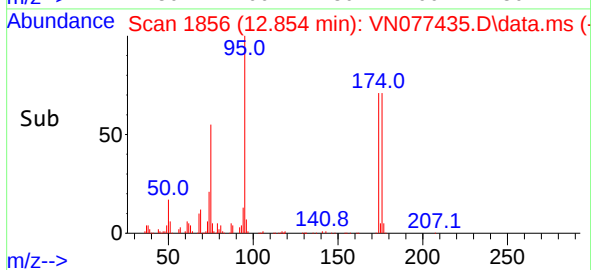
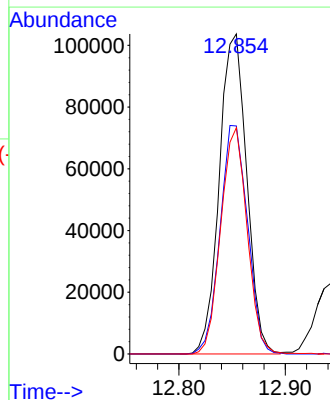
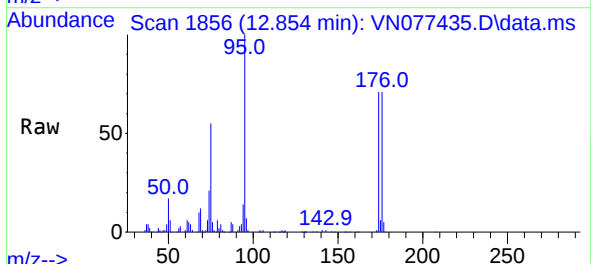
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

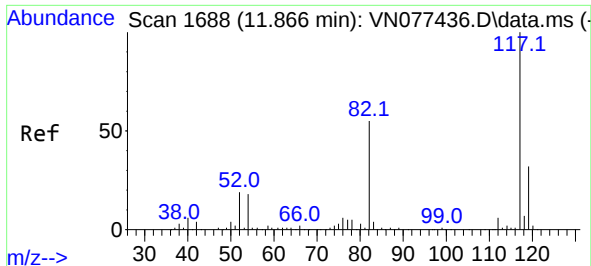
Tgt Ion:107 Resp: 161794
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 20.179 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 95 Resp: 185332
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.8
176 67.9 0.0 135.8

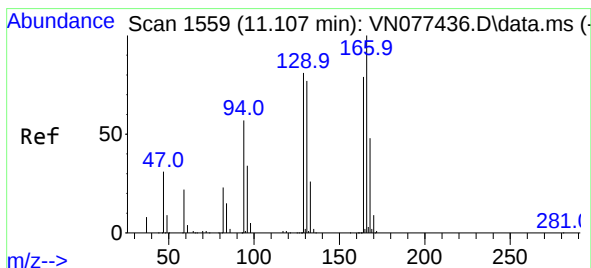
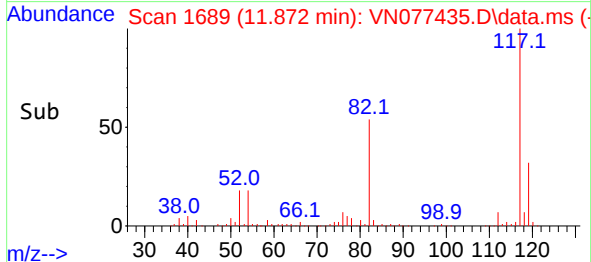
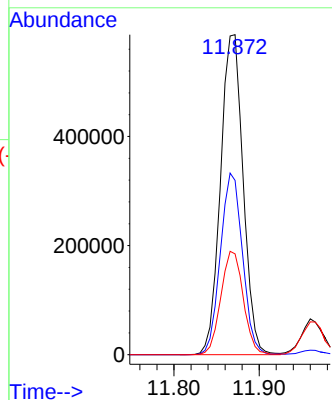
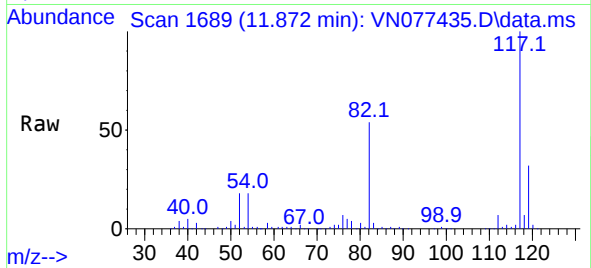




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

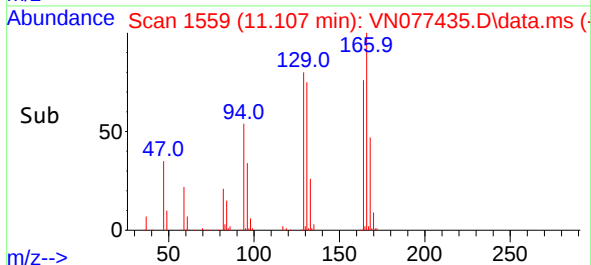
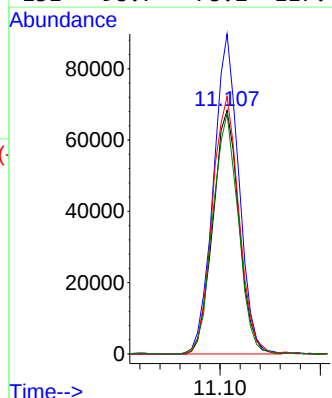
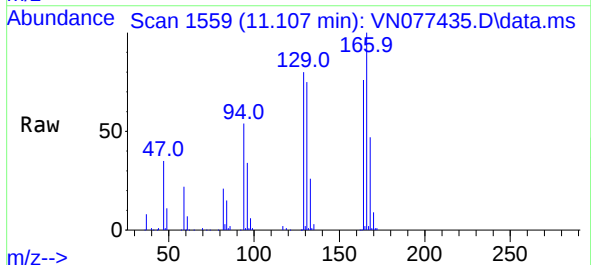
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

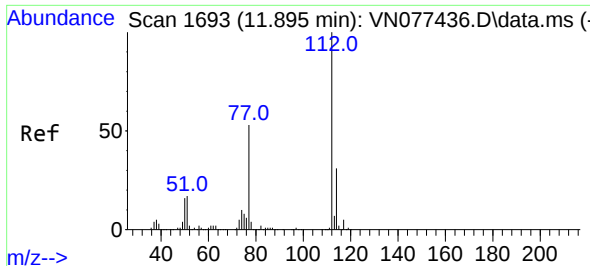
Tgt Ion:117 Resp: 1083716
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 18.982 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:164 Resp: 123142
Ion Ratio Lower Upper
164 100
166 131.4 101.4 152.0
129 105.8 82.4 123.6
131 98.7 78.2 117.4

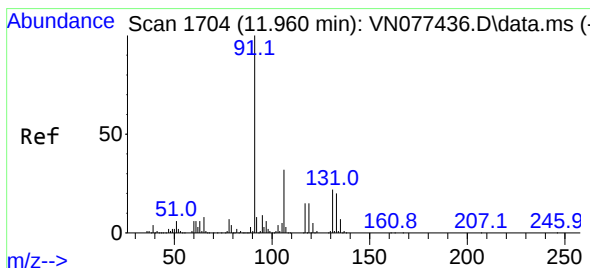
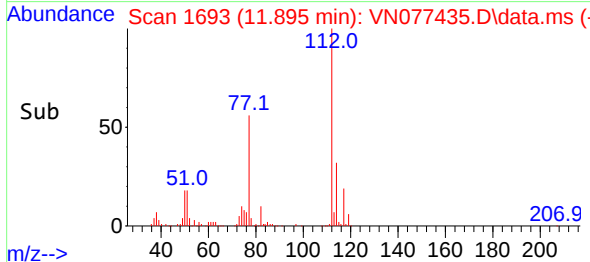
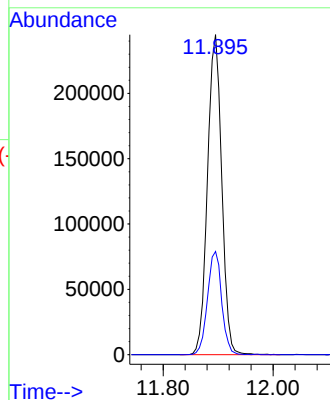
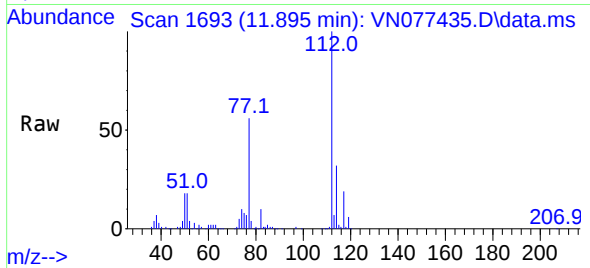




#65
Chlorobenzene
Concen: 19.170 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

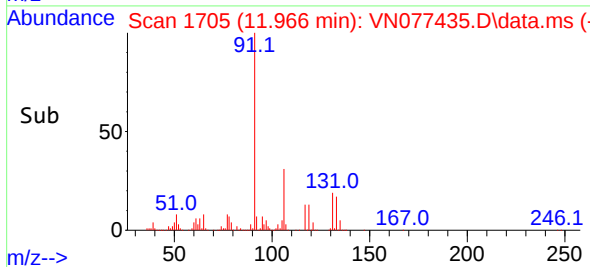
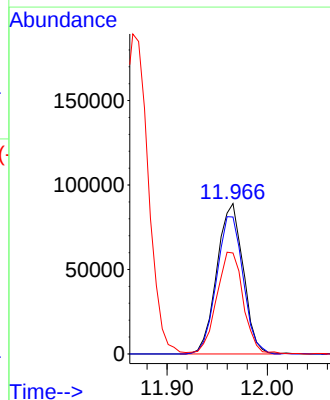
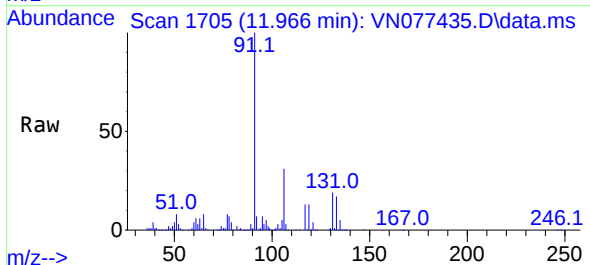
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

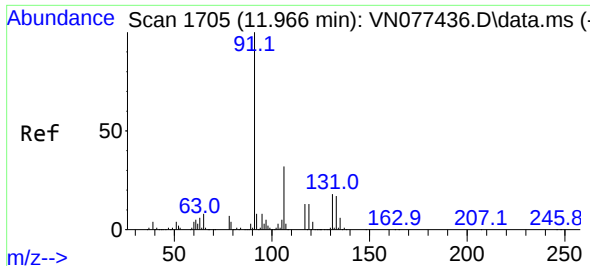
Tgt Ion:112 Resp: 439622
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.482 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:131 Resp: 162543
Ion Ratio Lower Upper
131 100
133 92.2 46.4 139.1
119 68.6 34.1 102.2

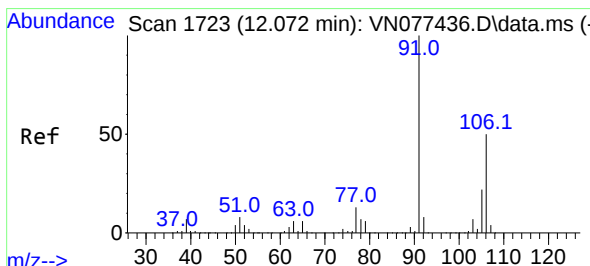
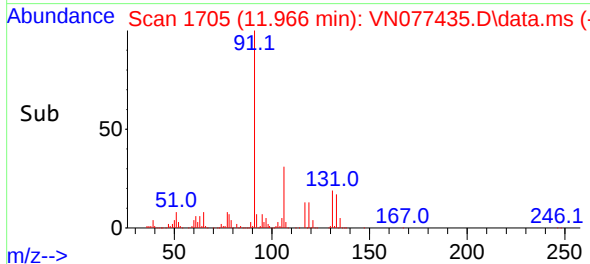
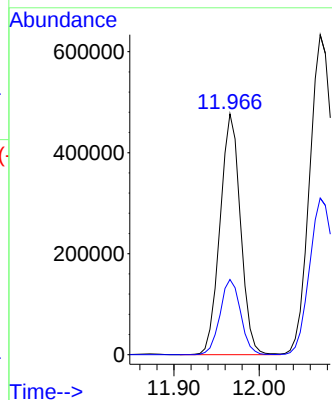
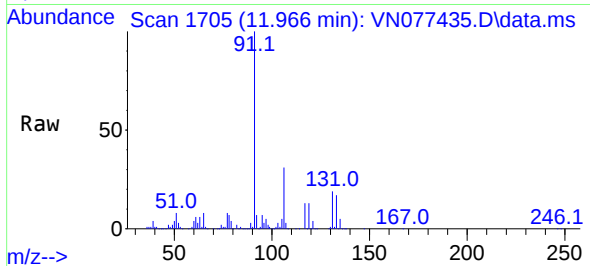




#67
Ethyl Benzene
Concen: 19.739 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

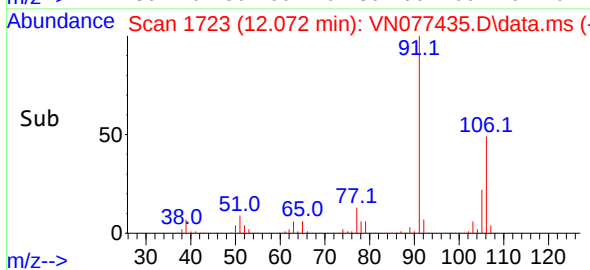
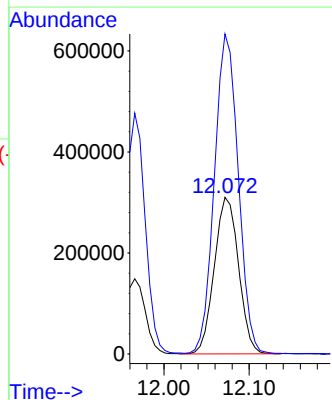
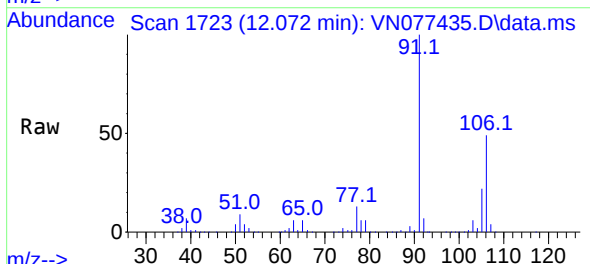
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

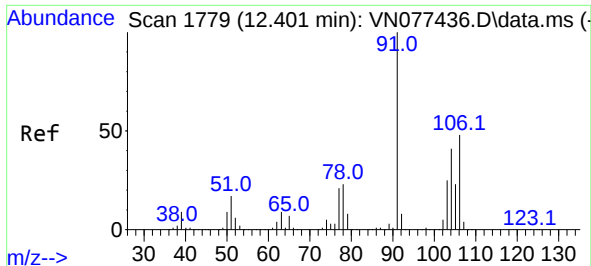
Tgt Ion: 91 Resp: 796867
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 39.076 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 106 Resp: 613100
Ion Ratio Lower Upper
106 100
91 201.1 159.6 239.4

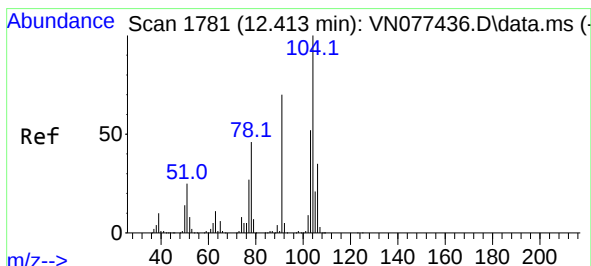
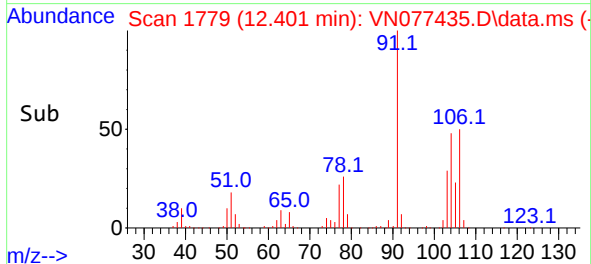
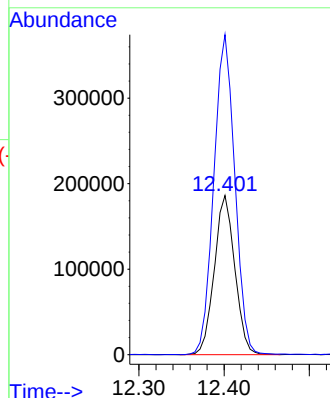
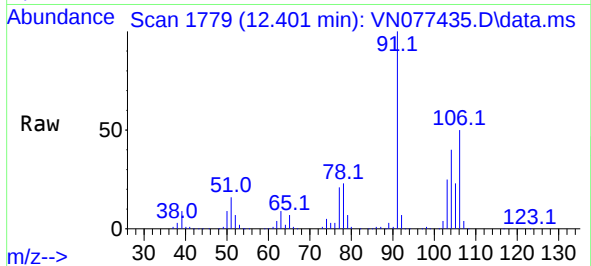




#69
o-Xylene
Concen: 20.212 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

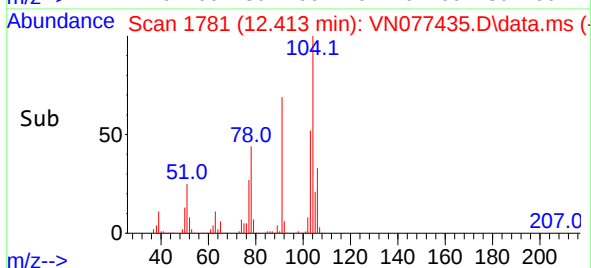
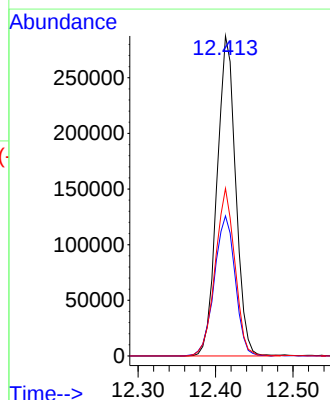
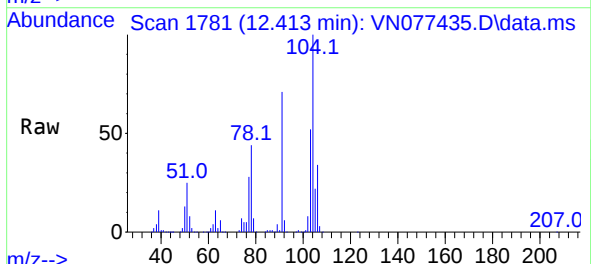
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

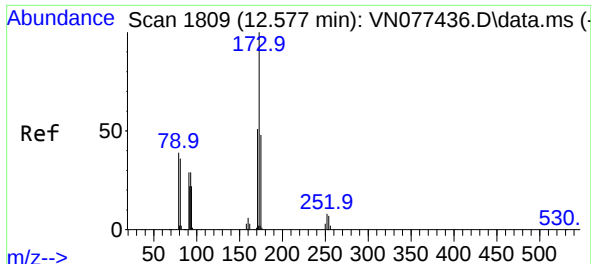
Tgt Ion:106 Resp: 311925
Ion Ratio Lower Upper
106 100
91 206.1 105.2 315.5



#70
Styrene
Concen: 19.972 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:104 Resp: 482026
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.1 43.2 64.8

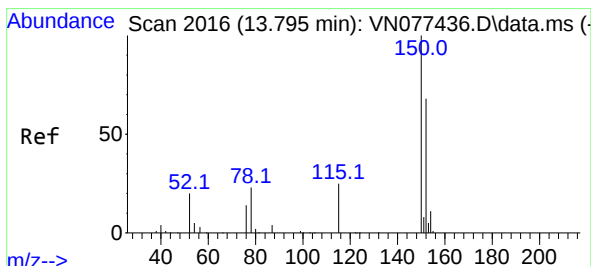
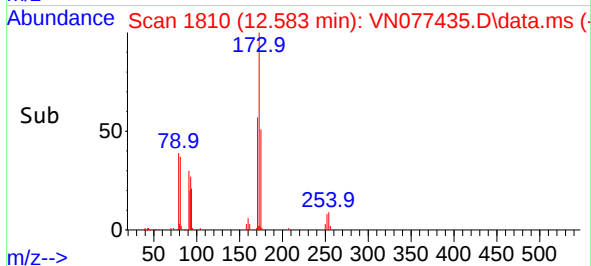
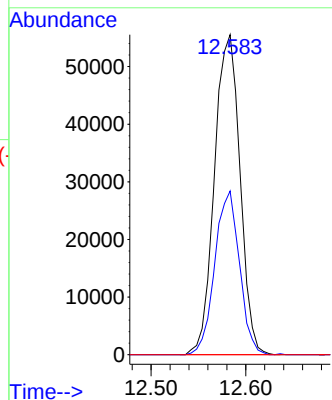
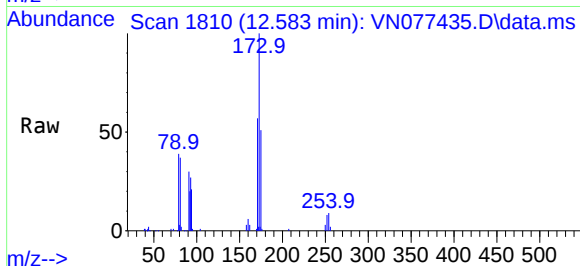




#71
Bromoform
Concen: 19.069 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

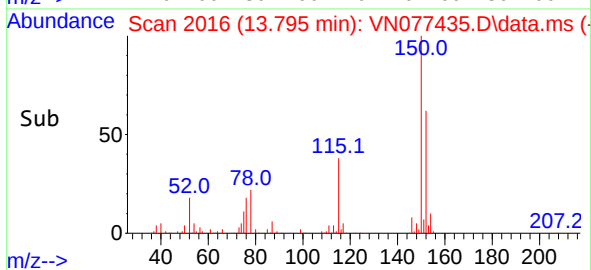
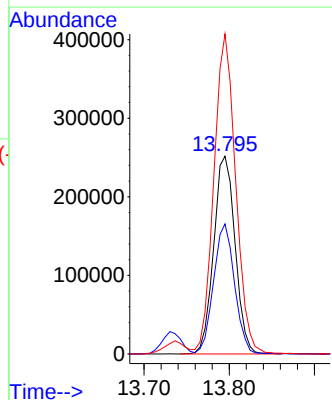
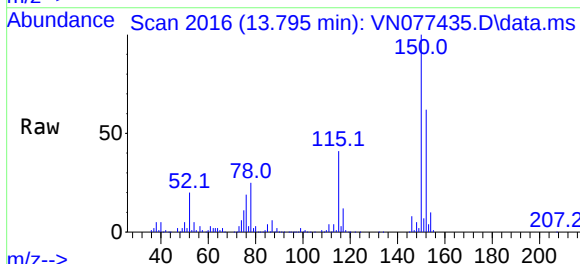
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

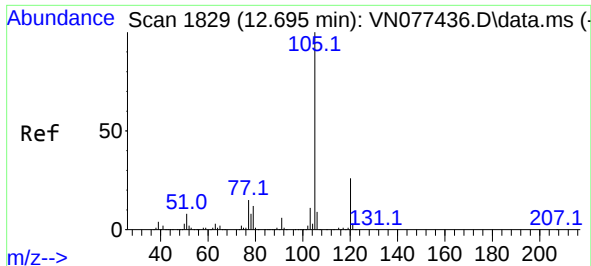
Tgt Ion:173 Resp: 104088
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:152 Resp: 439532
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 164.9 0.0 355.8

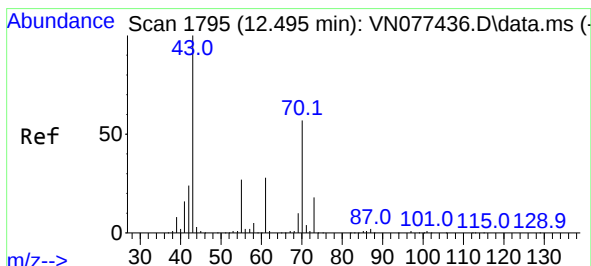
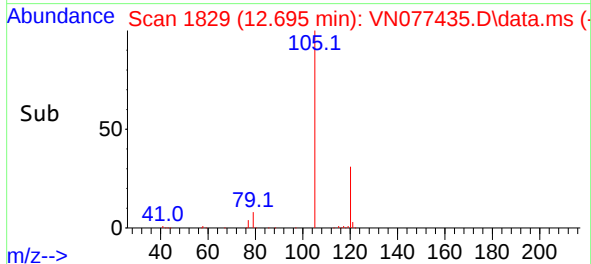
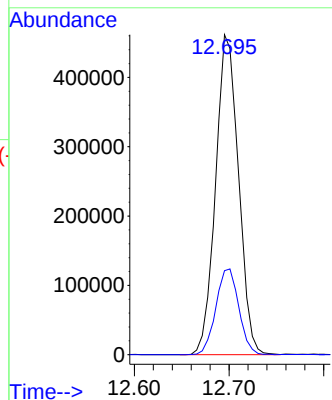
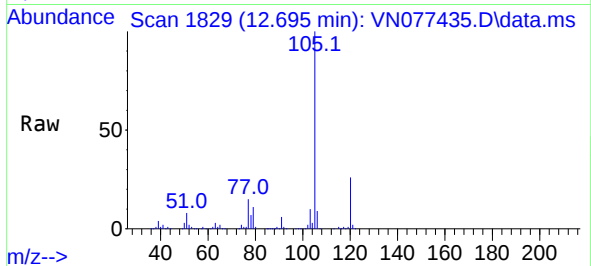




#73
Isopropylbenzene
Concen: 19.055 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

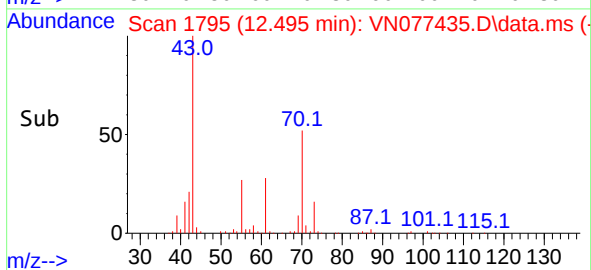
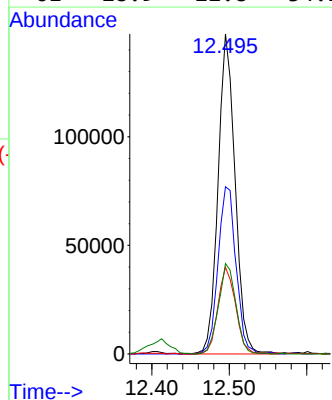
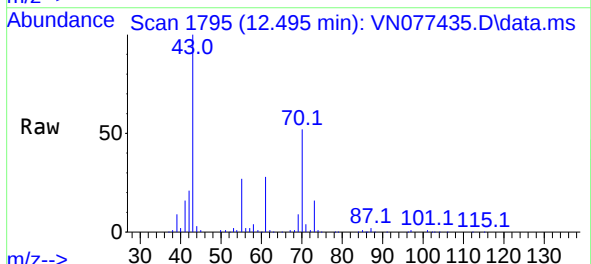
Instrument :
MSVOA_N
ClientSampleId :
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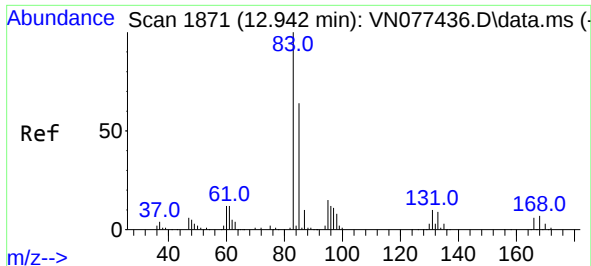
Tgt Ion:105 Resp: 777195
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 18.646 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 43 Resp: 225150
Ion Ratio Lower Upper
43 100
70 55.0 43.4 65.2
55 28.3 21.4 32.0
61 28.9 22.8 34.2

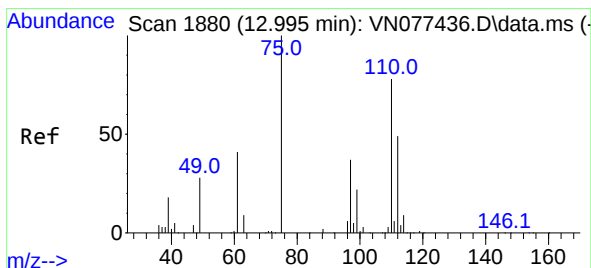
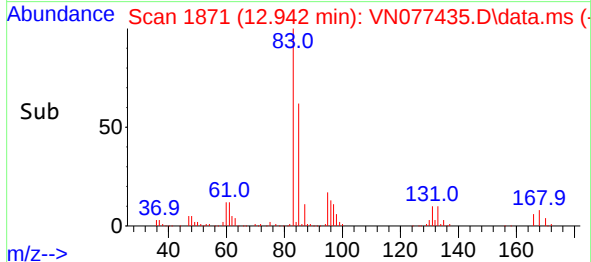
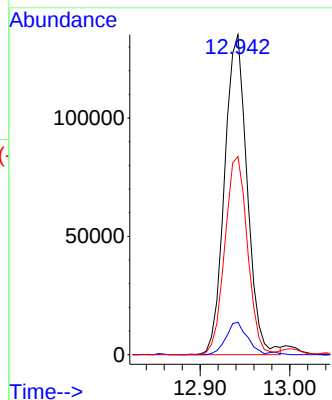
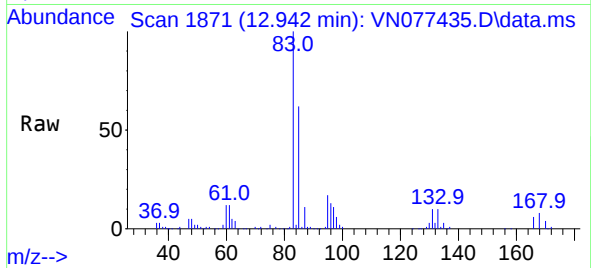




#75
1,1,2,2-Tetrachloroethane
Concen: 18.481 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

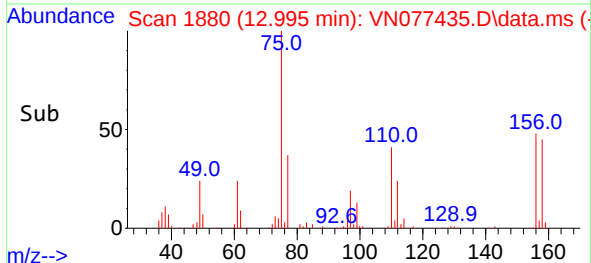
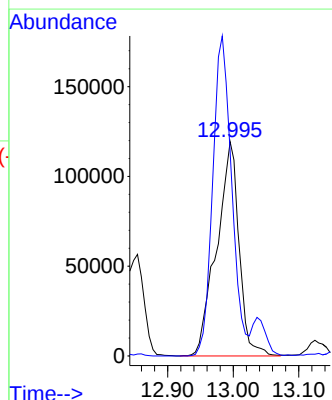
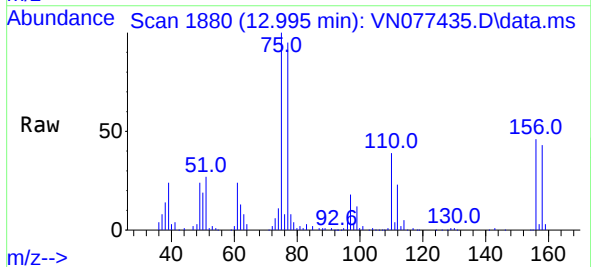
Instrument :
MSVOA_N
ClientSampleId :
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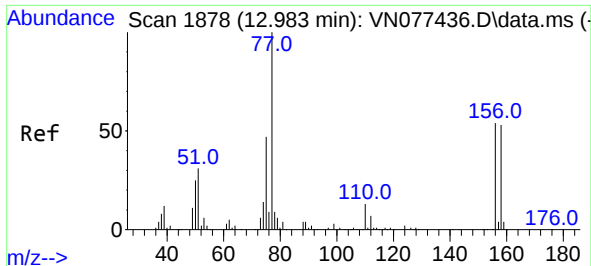
Tgt Ion: 83 Resp: 236838
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 62.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.127 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 75 Resp: 283316
Ion Ratio Lower Upper
75 100
77 126.5 84.5 253.5

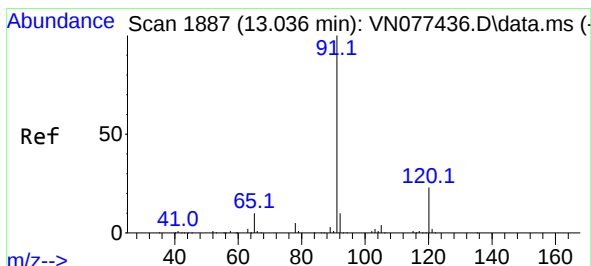
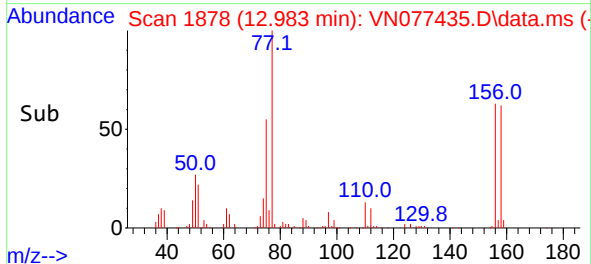
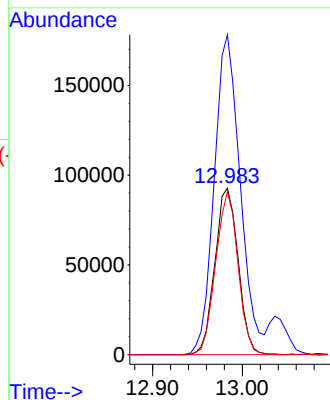
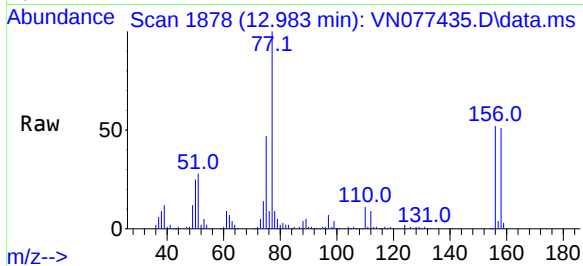




#77
Bromobenzene
Concen: 18.762 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

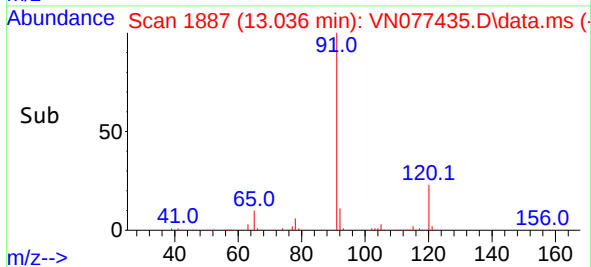
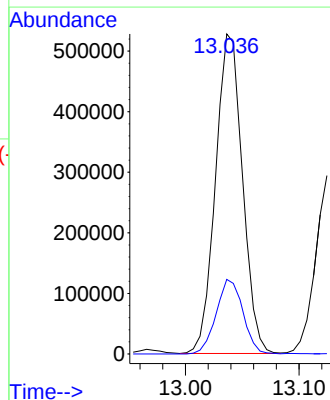
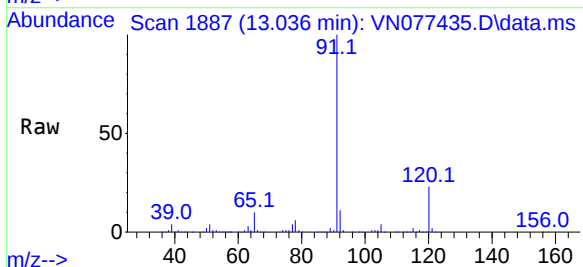
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

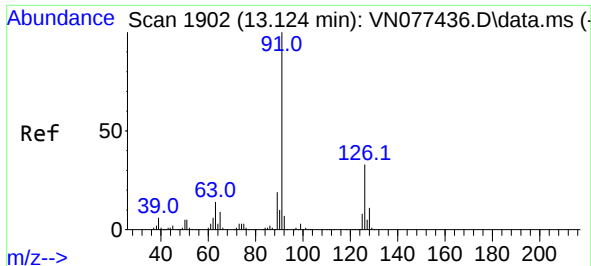
Tgt Ion:156 Resp: 166781
Ion Ratio Lower Upper
156 100
77 215.0 107.7 323.3
158 94.1 48.4 145.3



#78
n-propylbenzene
Concen: 19.312 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 91 Resp: 870923
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4

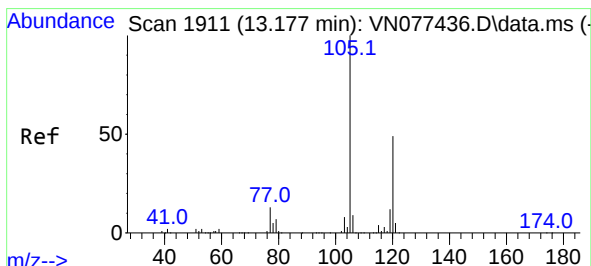
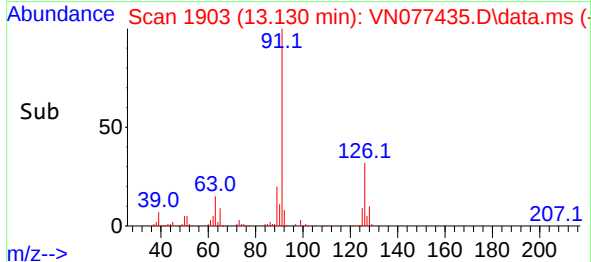
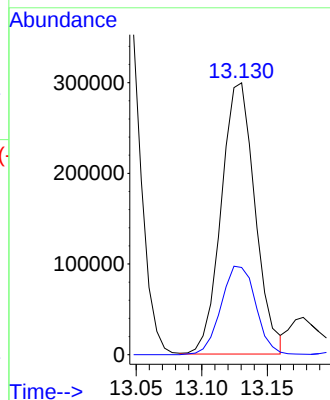
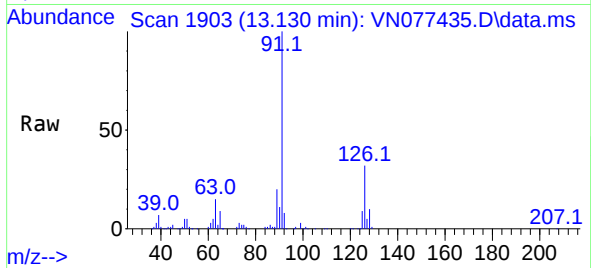




#79
2-Chlorotoluene
Concen: 19.298 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

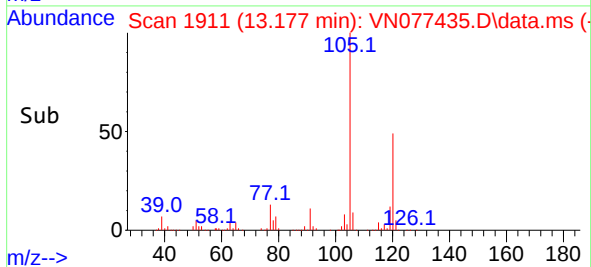
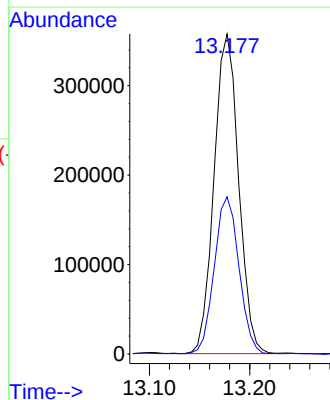
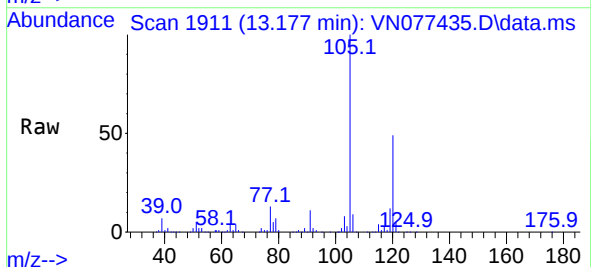
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

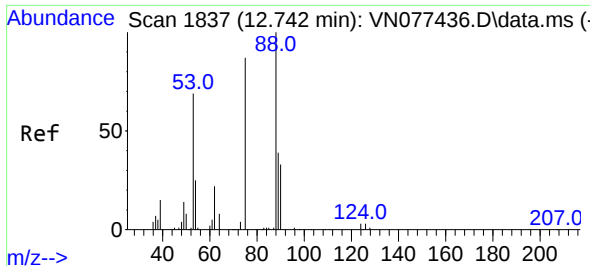
Tgt Ion: 91 Resp: 536570
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.101 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 105 Resp: 608862
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

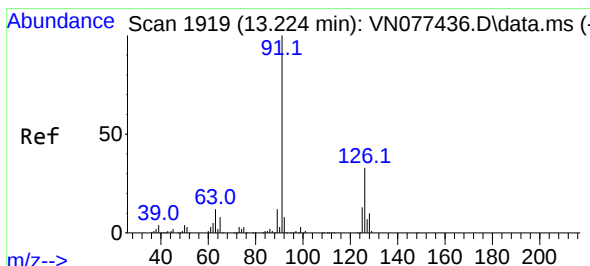
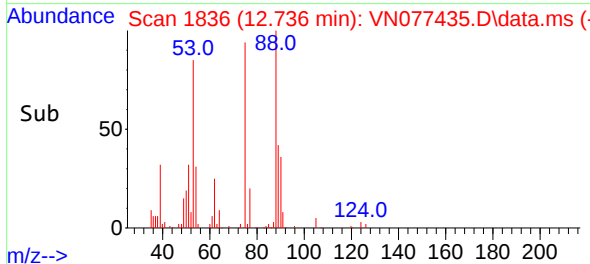
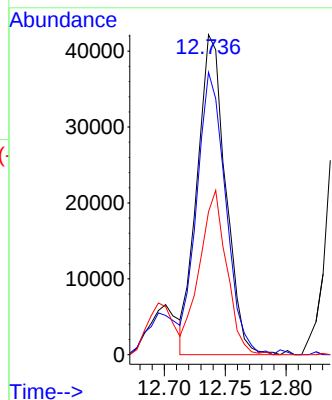
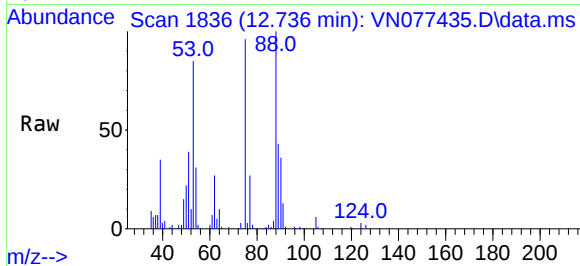




#81
trans-1,4-Dichloro-2-butene
Concen: 19.443 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

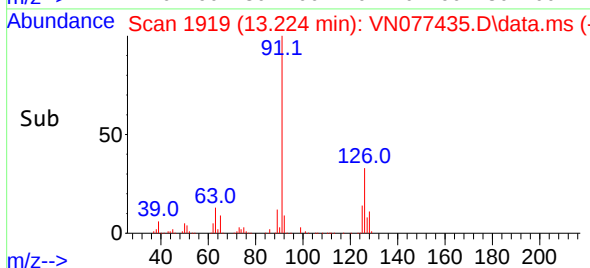
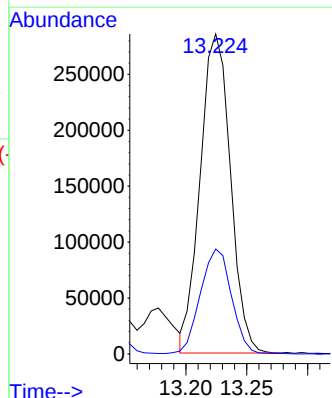
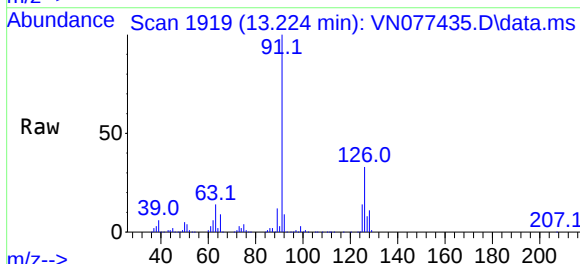
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

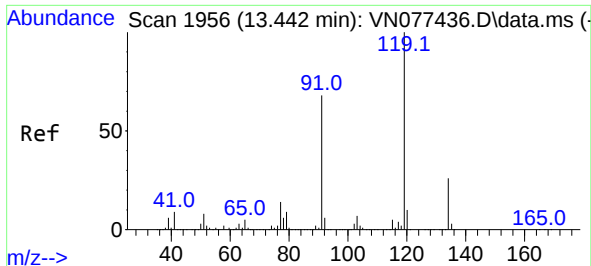
Tgt Ion: 75 Resp: 68409
Ion Ratio Lower Upper
75 100
53 89.7 67.4 101.2
89 49.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.955 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 91 Resp: 492479
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

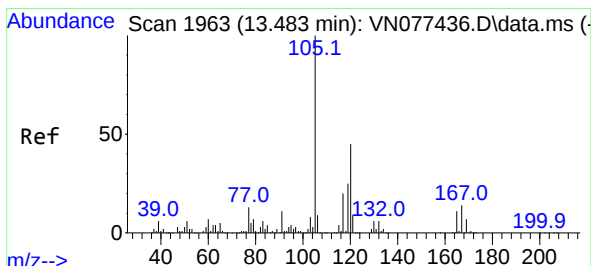
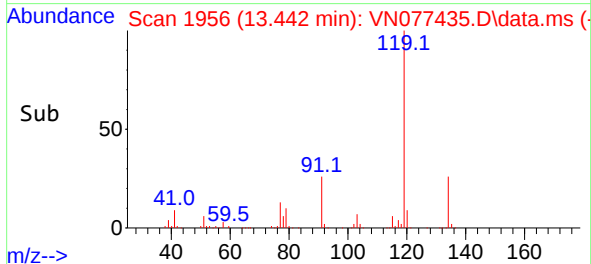
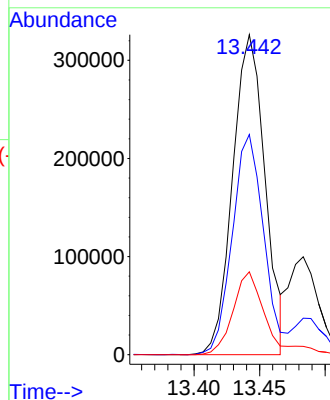
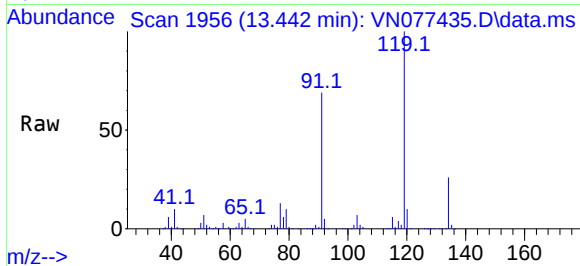




#83
tert-Butylbenzene
Concen: 19.068 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

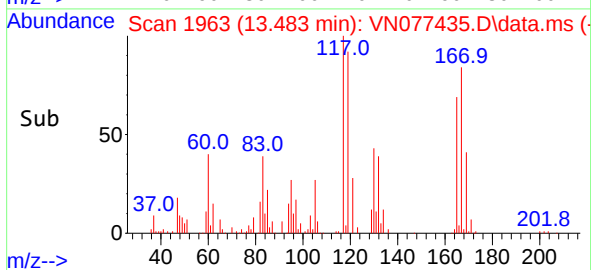
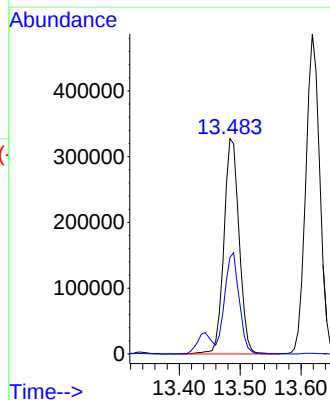
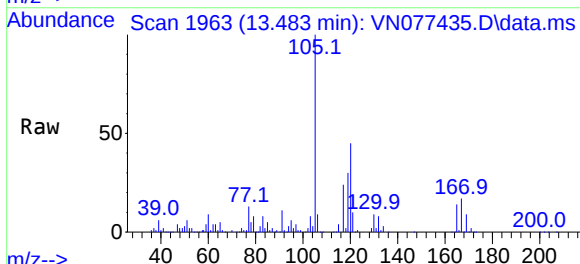
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

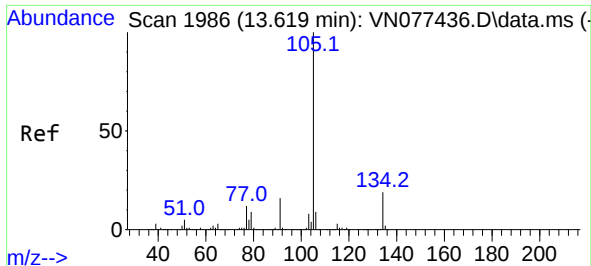
Tgt Ion:119 Resp: 560874
Ion Ratio Lower Upper
119 100
91 67.3 33.9 101.7
134 26.2 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.090 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:105 Resp: 568313
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0

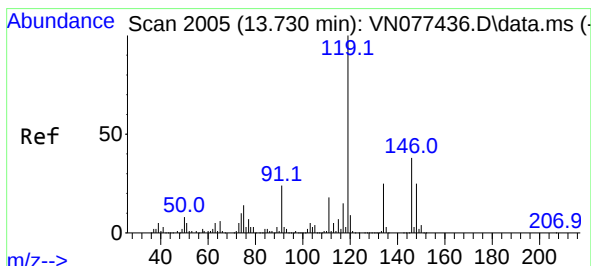
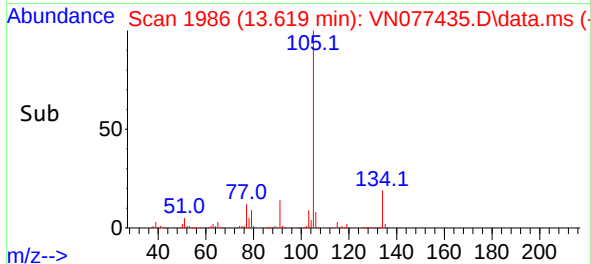
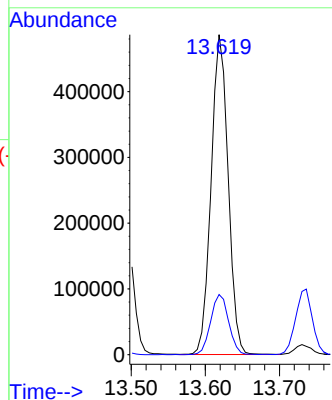
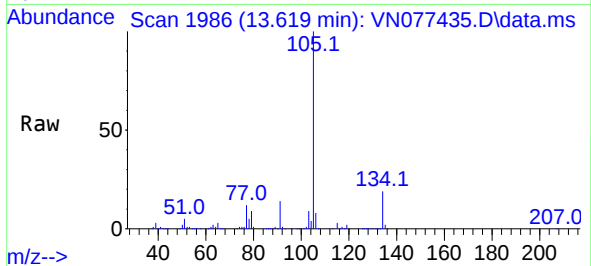




#85
 sec-Butylbenzene
 Concen: 19.211 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077435.D
 Acq: 24 Apr 2023 12:51

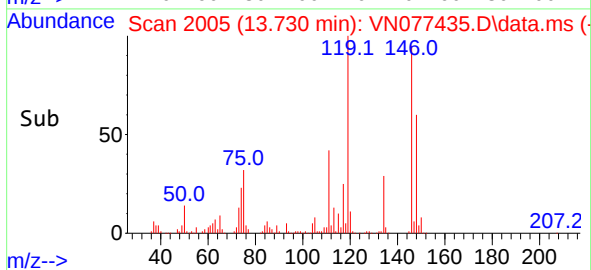
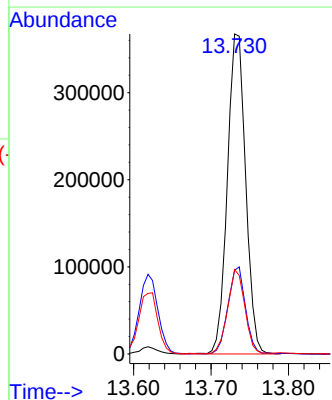
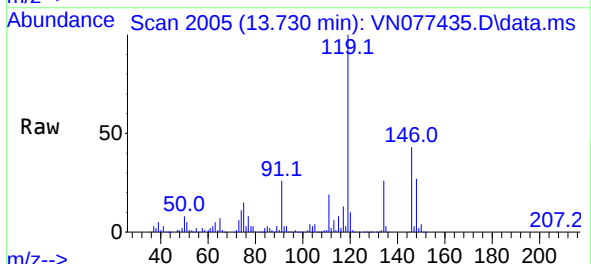
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

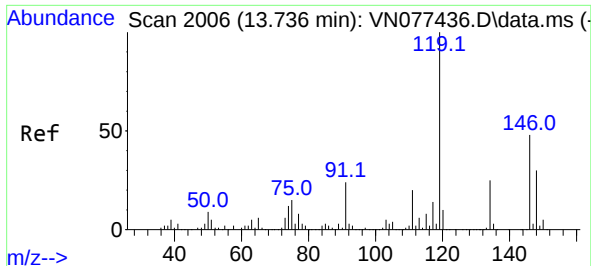
Tgt Ion:105 Resp: 775621
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.444 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077435.D
 Acq: 24 Apr 2023 12:51

Tgt Ion:119 Resp: 604020
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.6 12.4 37.2

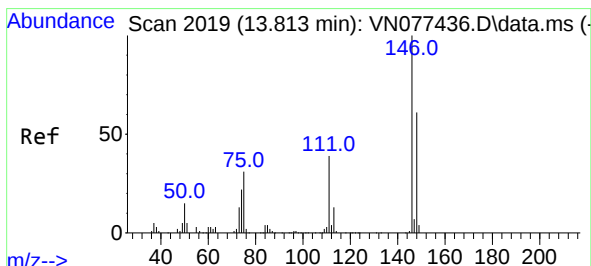
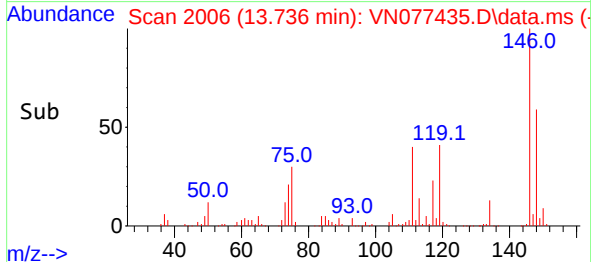
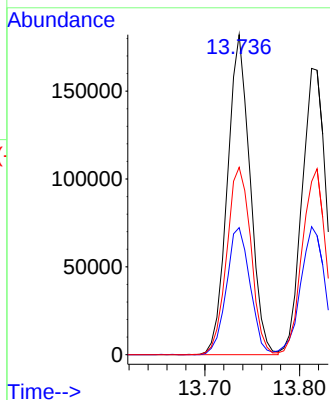
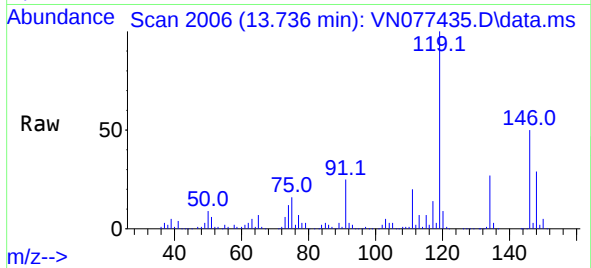




#87
1,3-Dichlorobenzene
Concen: 19.116 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

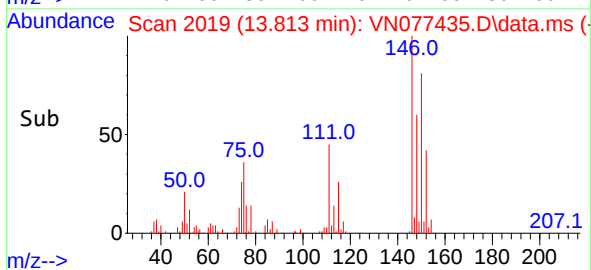
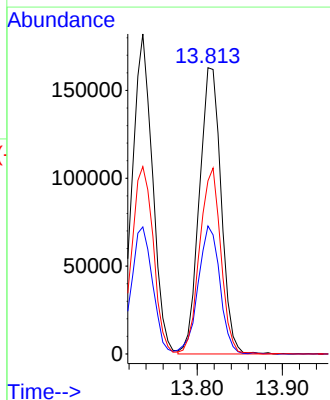
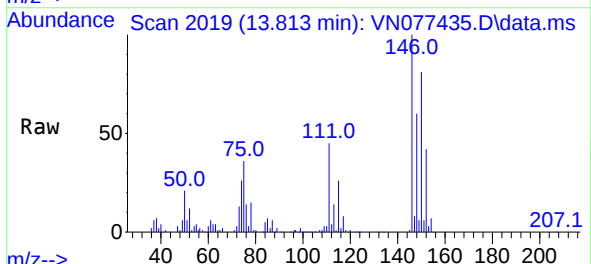
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

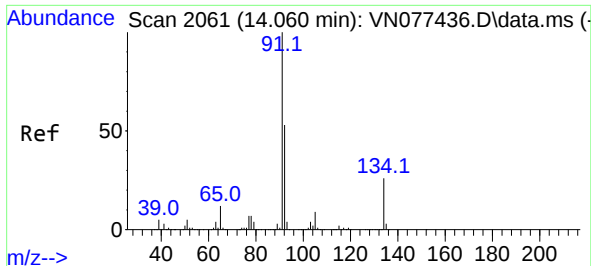
Tgt Ion:146 Resp: 302197
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.3
148 62.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.543 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:146 Resp: 289207
Ion Ratio Lower Upper
146 100
111 44.5 20.6 61.8
148 63.5 31.6 94.8

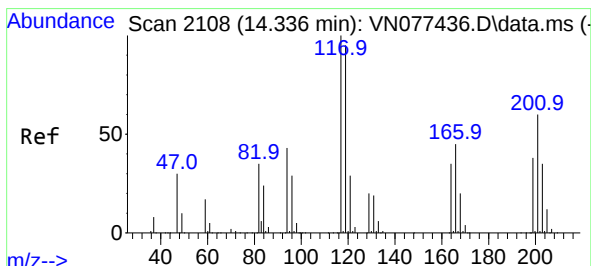
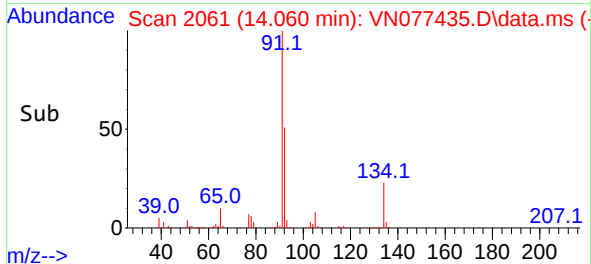
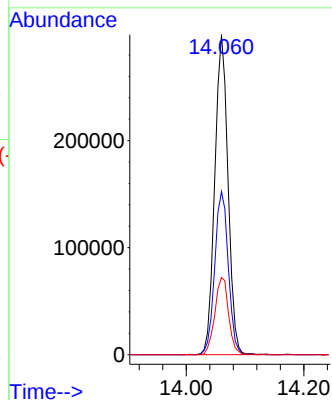
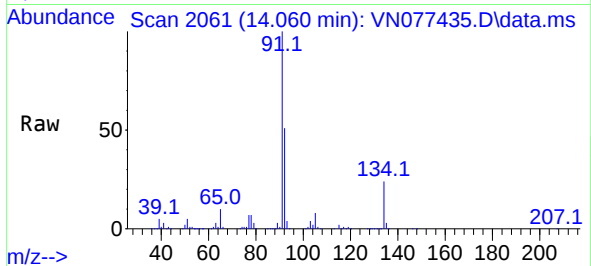




#89
n-Butylbenzene
Concen: 19.424 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

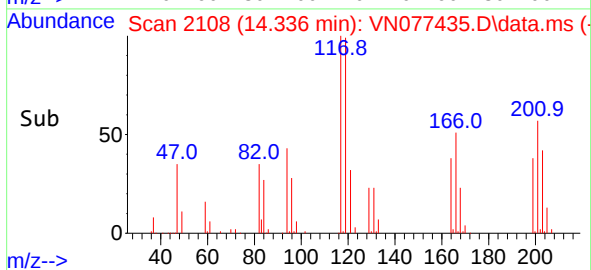
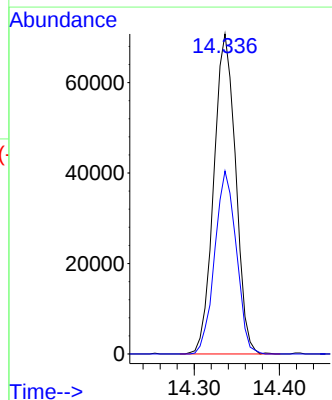
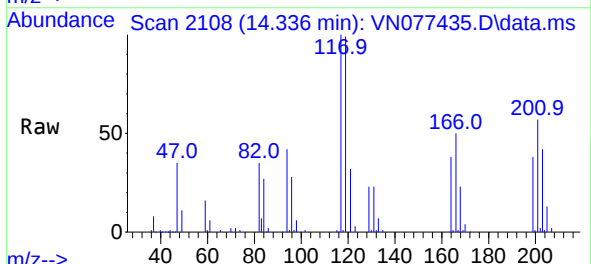
Instrument :
MSVOA_N
ClientSampleId :
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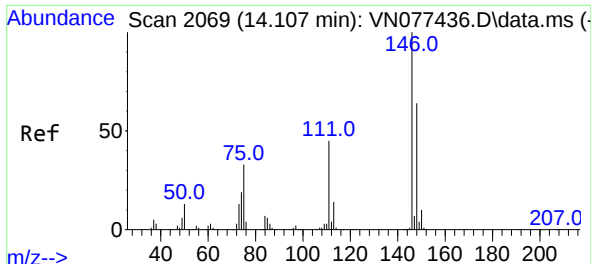
Tgt Ion: 91 Resp: 466967
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 18.366 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 117 Resp: 126046
Ion Ratio Lower Upper
117 100
201 56.6 29.3 88.0

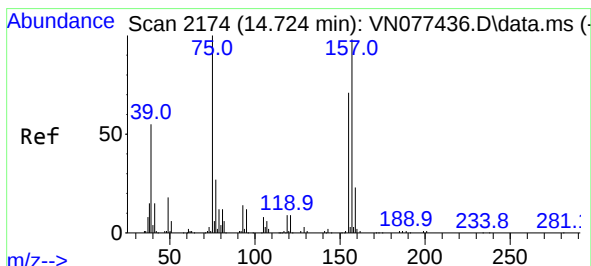
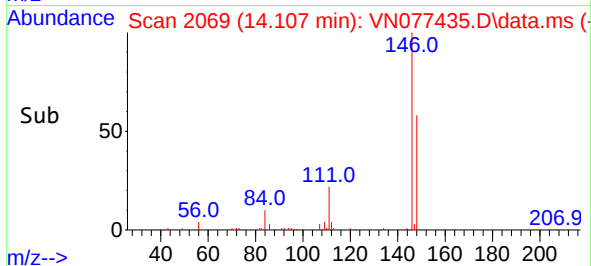
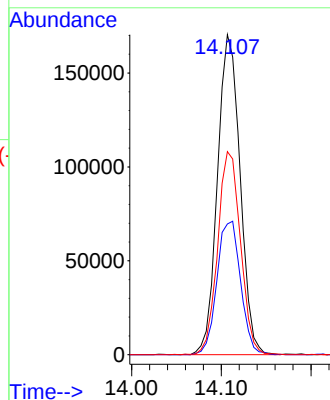
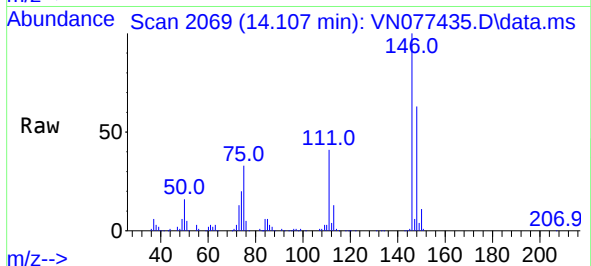




#91
1,2-Dichlorobenzene
Concen: 19.025 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

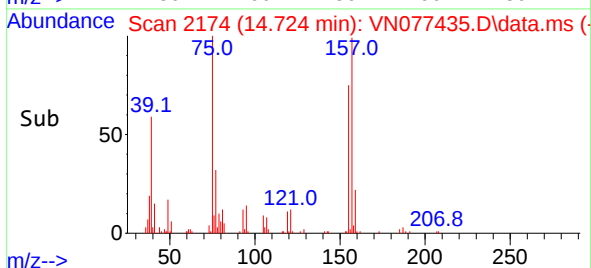
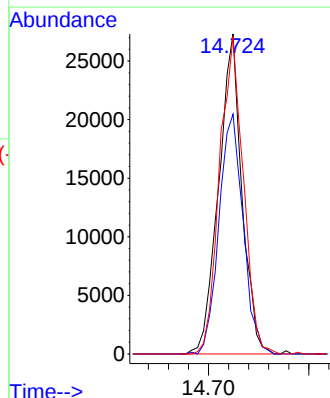
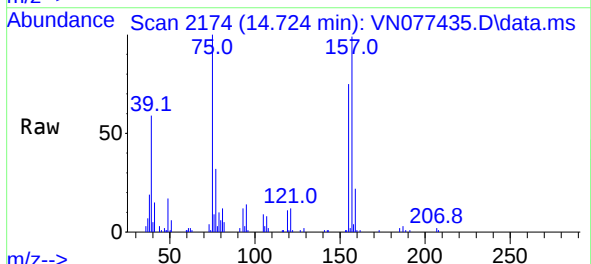
Instrument :
MSVOA_N
ClientSampleId :
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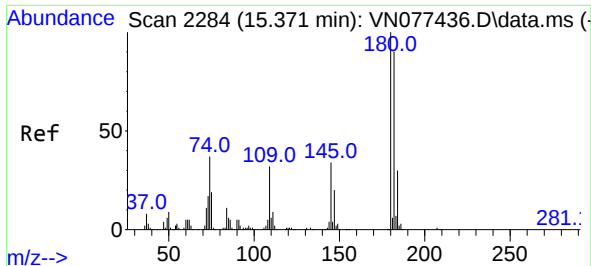
Tgt Ion:146 Resp: 298295
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 64.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.467 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion: 75 Resp: 43763
Ion Ratio Lower Upper
75 100
155 78.0 39.1 117.2
157 101.5 50.3 150.9

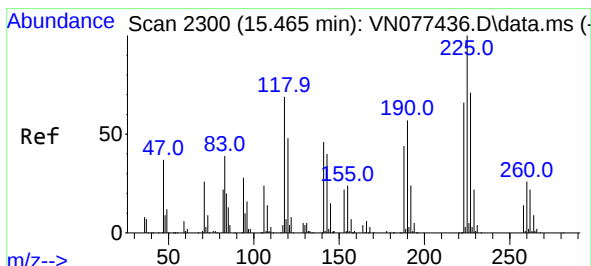
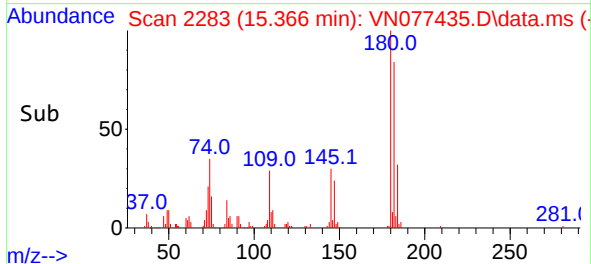
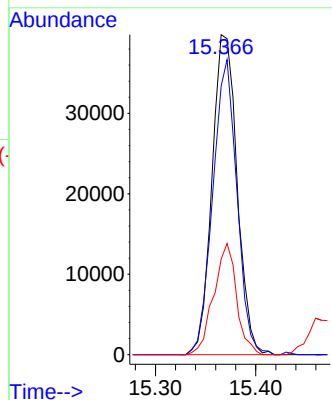
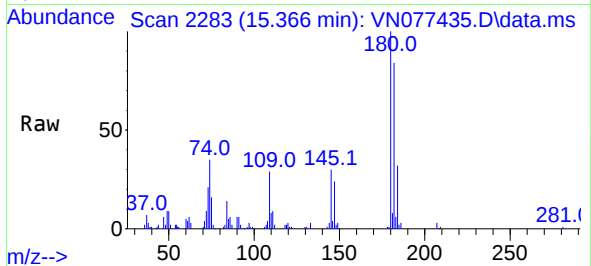




#93
1,2,4-Trichlorobenzene
Concen: 18.569 ug/l
RT: 15.366 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

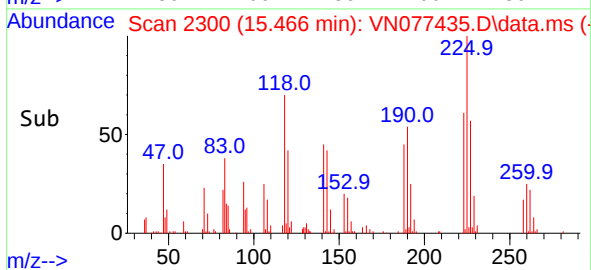
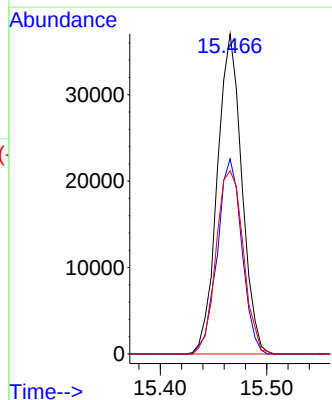
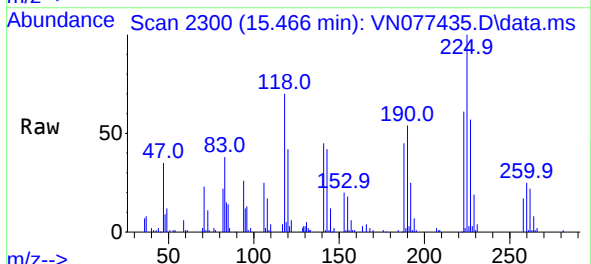
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

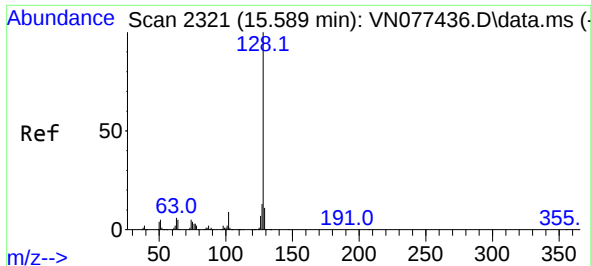
Tgt Ion:180 Resp: 68938
Ion Ratio Lower Upper
180 100
182 88.8 46.1 138.2
145 31.8 16.6 49.8



#94
Hexachlorobutadiene
Concen: 18.710 ug/l
RT: 15.466 min Scan# 2300
Delta R.T. 0.001 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:225 Resp: 59281
Ion Ratio Lower Upper
225 100
223 60.8 31.3 93.8
227 63.2 31.9 95.9

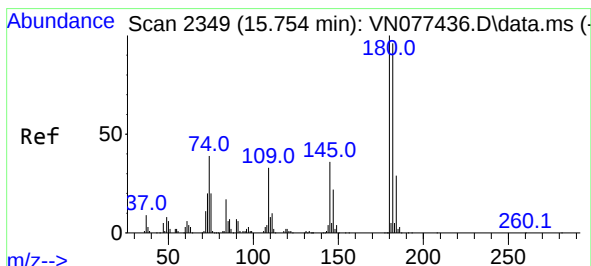
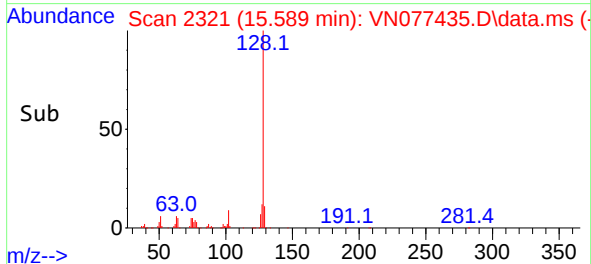
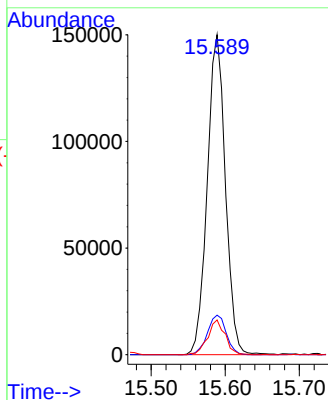
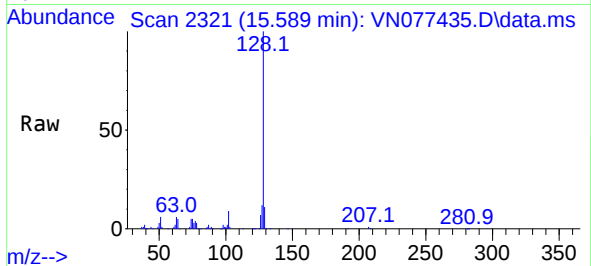




#95
Naphthalene
Concen: 18.670 ug/l
RT: 15.589 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 255230
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.581 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077435.D
Acq: 24 Apr 2023 12:51

Tgt Ion:180 Resp: 64782
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 36.4 17.5 52.6

