

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077086.D
 Acq On : 21 Mar 2023 13:08
 Operator : JC\MD
 Sample : VN0321WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Quant Time: Mar 21 23:15:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	377339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	657402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	586884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	258743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	299187	49.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.280%
35) Dibromofluoromethane	8.172	113	227430	49.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	10.566	98	841123	51.146	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.848	95	304457	52.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	51190	13.495	ug/l	96
3) Chloromethane	2.378	50	49145	12.927	ug/l	100
4) Vinyl Chloride	2.531	62	72512	17.670	ug/l	94
5) Bromomethane	2.972	94	44505	16.056	ug/l	95
6) Chloroethane	3.137	64	48110	18.527	ug/l	100
7) Trichlorofluoromethane	3.507	101	153847	17.427	ug/l	97
8) Diethyl Ether	3.972	74	61153	18.406	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	87201	17.413	ug/l	99
10) Methyl Iodide	4.607	142	98698	17.498	ug/l	99
11) Tert butyl alcohol	5.531	59	79924	91.000	ug/l	100
12) 1,1-Dichloroethene	4.354	96	79309	17.312	ug/l	95
13) Acrolein	4.196	56	101111	93.077	ug/l	96
14) Allyl chloride	5.037	41	155082	18.491	ug/l	93
15) Acrylonitrile	5.725	53	264208	89.483	ug/l	98
16) Acetone	4.437	43	238656	88.864	ug/l	100
17) Carbon Disulfide	4.725	76	214004	16.020	ug/l	99
18) Methyl Acetate	5.037	43	180672	17.840	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	311654	18.955	ug/l	96
20) Methylene Chloride	5.290	84	102556	17.595	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	89273	17.979	ug/l	97
22) Diisopropyl ether	6.684	45	348069	18.942	ug/l	98
23) Vinyl Acetate	6.613	43	1077474	92.921	ug/l	99
24) 1,1-Dichloroethane	6.578	63	188199	17.898	ug/l	98
25) 2-Butanone	7.490	43	352491	89.722	ug/l	100
26) 2,2-Dichloropropane	7.495	77	142863	18.057	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	106818	18.783	ug/l	99
28) Bromochloromethane	7.819	49	87311	19.120	ug/l	97
29) Tetrahydrofuran	7.842	42	233211	91.605	ug/l	99
30) Chloroform	7.972	83	185865	18.212	ug/l	98
31) Cyclohexane	8.266	56	166216	16.855	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	156238	17.912	ug/l	99
36) 1,1-Dichloropropene	8.378	75	131910	18.344	ug/l	98
37) Ethyl Acetate	7.572	43	139375	18.115	ug/l	97
38) Carbon Tetrachloride	8.372	117	131913	18.834	ug/l	98
39) Methylcyclohexane	9.607	83	159990	19.008	ug/l	98
40) Benzene	8.613	78	411899	18.887	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	80457	19.412	ug/l	97
42) 1,2-Dichloroethane	8.672	62	147884	18.766	ug/l	100
43) Isopropyl Acetate	8.689	43	229443	19.090	ug/l	98
44) Trichloroethene	9.354	130	92270	18.420	ug/l	95
45) 1,2-Dichloropropane	9.625	63	110327	19.048	ug/l	100
46) Dibromomethane	9.713	93	70997	19.436	ug/l	98
47) Bromodichloromethane	9.889	83	146450	19.115	ug/l	95
48) Methyl methacrylate	9.684	41	109986	19.142	ug/l	96
49) 1,4-Dioxane	9.695	88	40212	409.753	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	724016	96.737	ug/l	100
52) Toluene	10.631	92	252731	19.409	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	147312	19.618	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	168791	19.923	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	101184	19.706	ug/l	98
56) Ethyl methacrylate	10.878	69	155501	20.140	ug/l	98
57) 1,3-Dichloropropane	11.166	76	181305	19.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	280394	85.182	ug/l	98
59) 2-Hexanone	11.201	43	512059	94.327	ug/l	99
60) Dibromochloromethane	11.360	129	102346	19.843	ug/l	100
61) 1,2-Dibromoethane	11.472	107	99837	19.607	ug/l	98
64) Tetrachloroethene	11.107	164	73846	18.748	ug/l	97
65) Chlorobenzene	11.895	112	255549	18.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	97217	19.457	ug/l	99
67) Ethyl Benzene	11.966	91	469596	19.146	ug/l	97
68) m/p-Xylenes	12.072	106	355176	39.046	ug/l	100
69) o-Xylene	12.401	106	175055	19.368	ug/l	100
70) Styrene	12.413	104	277842	19.745	ug/l	98
71) Bromoform	12.577	173	65690	19.402	ug/l #	99
73) Isopropylbenzene	12.701	105	450366	19.423	ug/l	100
74) N-amyl acetate	12.495	43	189024	18.834	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	151489	18.033	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	181976	27.190	ug/l	47
77) Bromobenzene	12.983	156	98925	19.045	ug/l	95
78) n-propylbenzene	13.036	91	529339	19.775	ug/l	100
79) 2-Chlorotoluene	13.130	91	331392	19.429	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	387649	20.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	48078	19.773	ug/l	93
82) 4-Chlorotoluene	13.224	91	317855	19.597	ug/l	99
83) tert-Butylbenzene	13.442	119	315980	19.440	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	381282	19.736	ug/l	99
85) sec-Butylbenzene	13.619	105	458018	19.809	ug/l	99
86) p-Isopropyltoluene	13.730	119	371394	20.002	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	184320	18.775	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	183936	18.831	ug/l	98
89) n-Butylbenzene	14.060	91	313424	19.241	ug/l	100
90) Hexachloroethane	14.336	117	68457	18.133	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	184645	18.869	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.719	75	28033	18.009	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	87515	19.783	ug/l	97
94) Hexachlorobutadiene	15.501	225	46657	19.151	ug/l	98
95) Naphthalene	15.648	128	277085	17.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	86666	19.525	ug/l	97

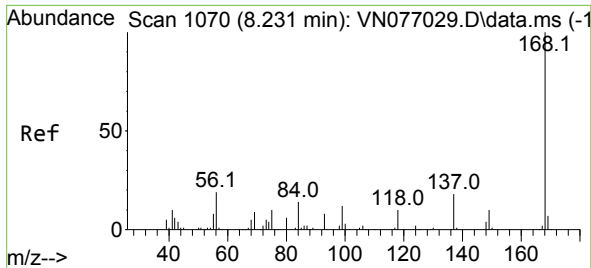
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Response via : Initial Calibration

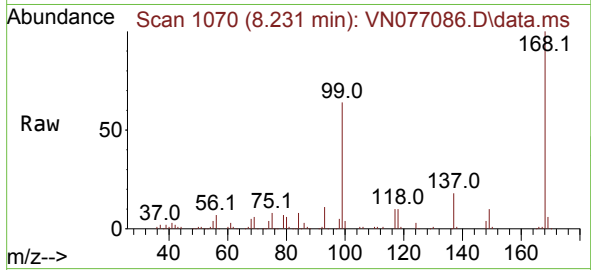
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

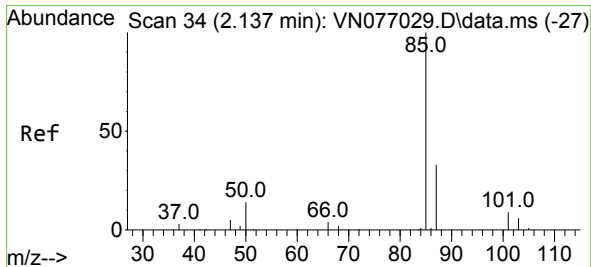
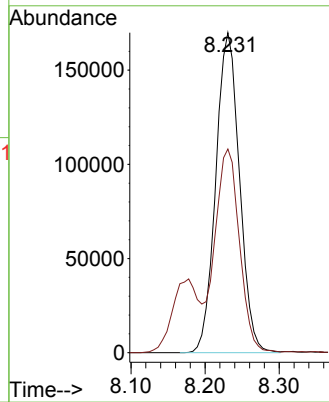
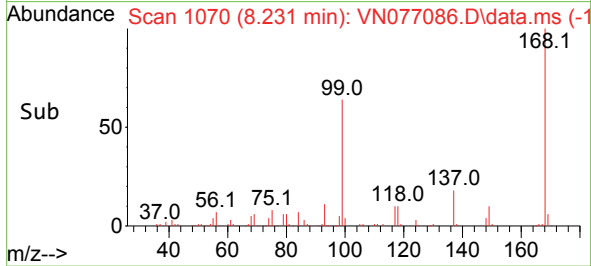


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

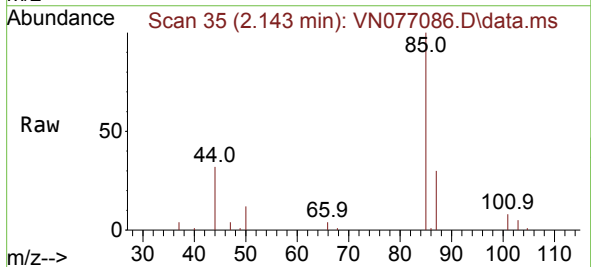
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



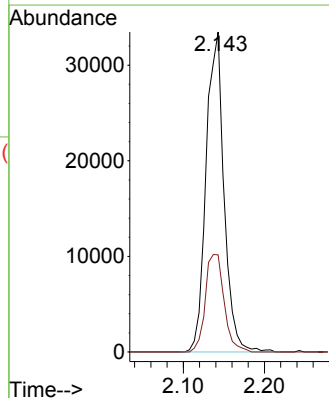
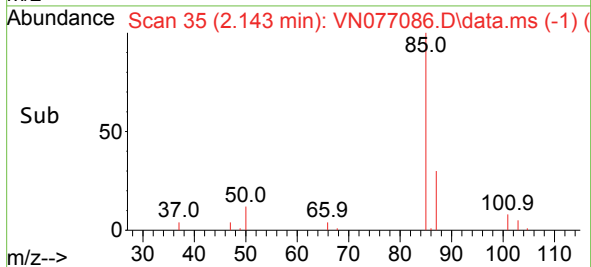
Tgt Ion:168 Resp: 377339
Ion Ratio Lower Upper
168 100
99 63.5 53.9 80.9

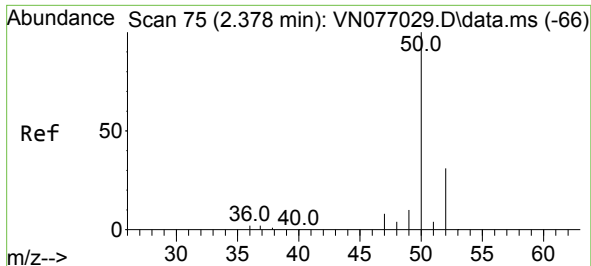


#2
Dichlorodifluoromethane
Concen: 13.495 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08



Tgt Ion: 85 Resp: 51190
Ion Ratio Lower Upper
85 100
87 30.4 16.4 49.2

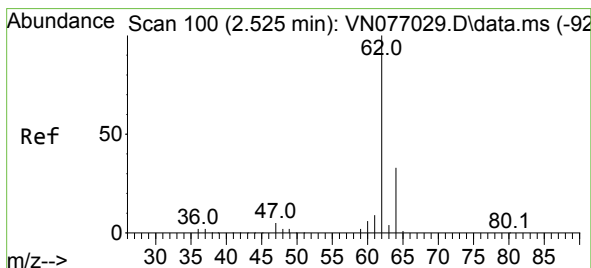
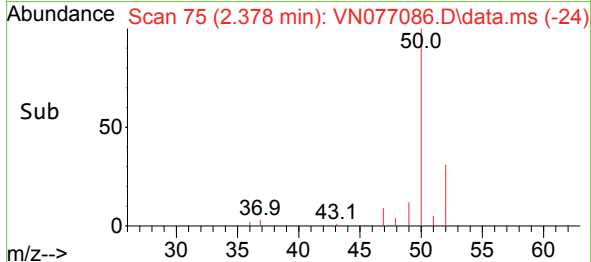
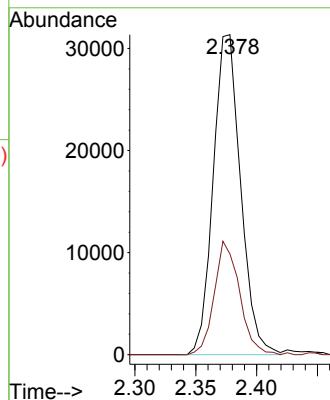
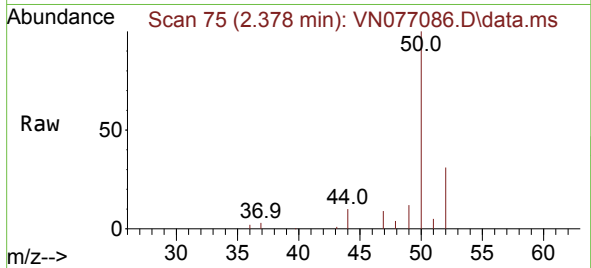




#3
Chloromethane
Concen: 12.927 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

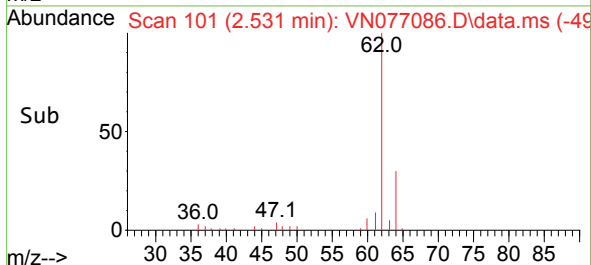
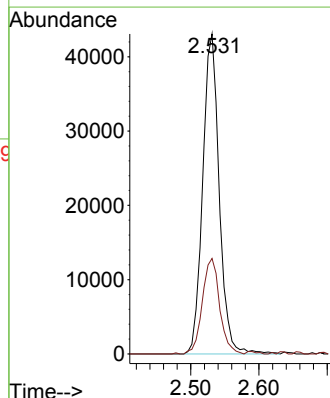
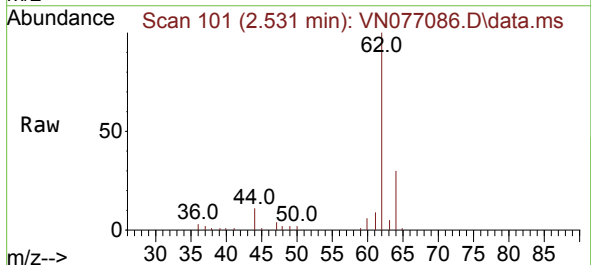
Instrument :
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ClientSampleId :
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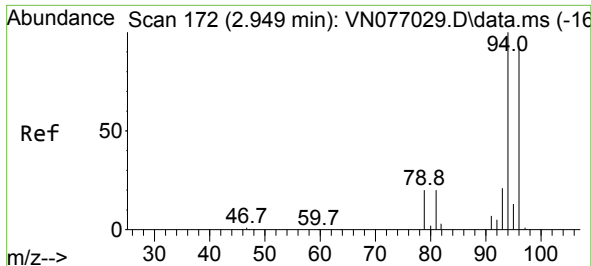
Tgt Ion: 50 Resp: 49145
Ion Ratio Lower Upper
50 100
52 31.4 25.1 37.7



#4
Vinyl Chloride
Concen: 17.670 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 62 Resp: 72512
Ion Ratio Lower Upper
62 100
64 29.8 26.6 40.0

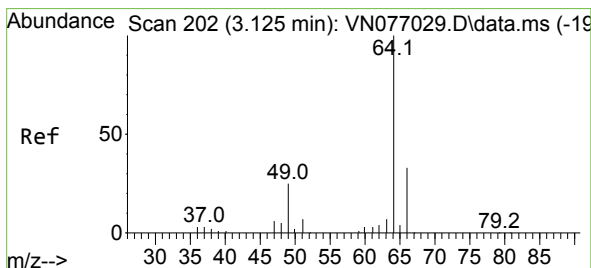
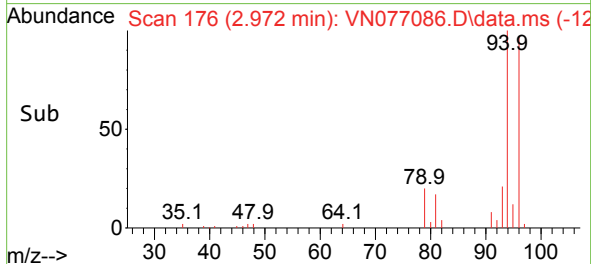
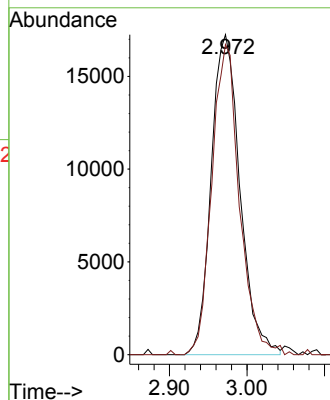
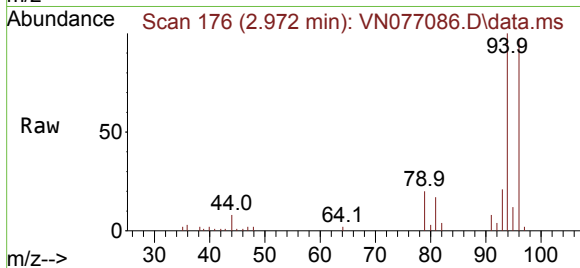




#5
Bromomethane
Concen: 16.056 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

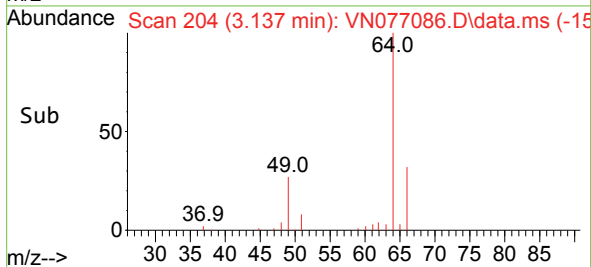
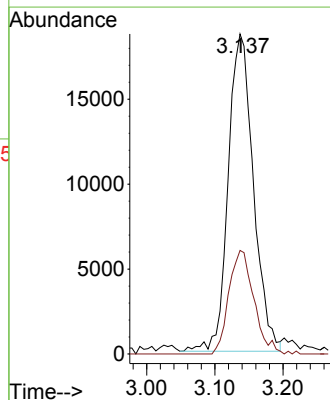
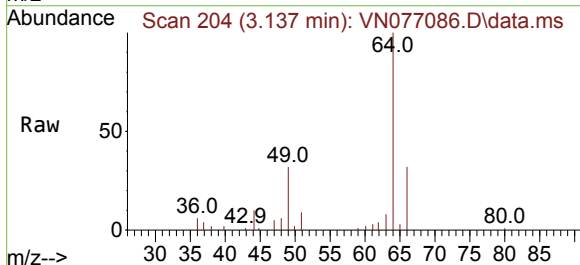
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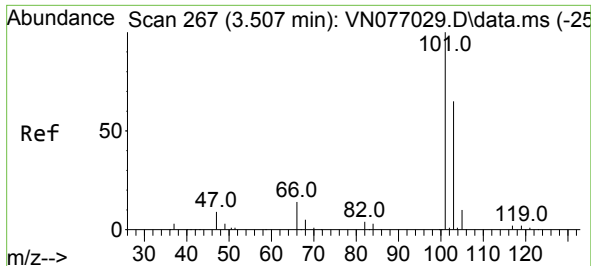
Tgt Ion: 94 Resp: 44505
Ion Ratio Lower Upper
94 100
96 96.9 74.1 111.1



#6
Chloroethane
Concen: 18.527 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 64 Resp: 48110
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5

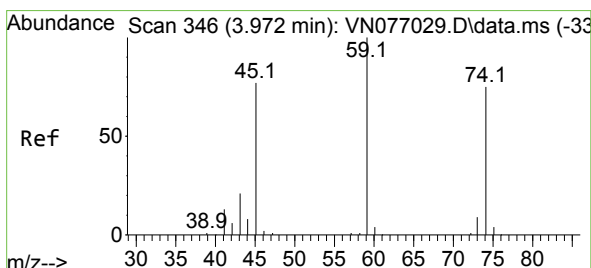
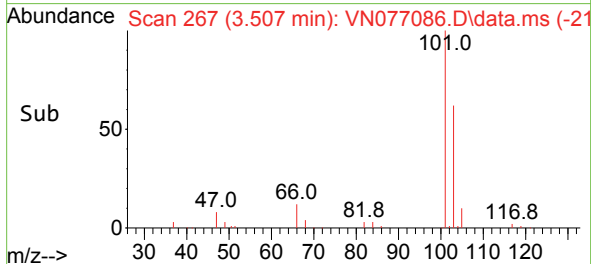
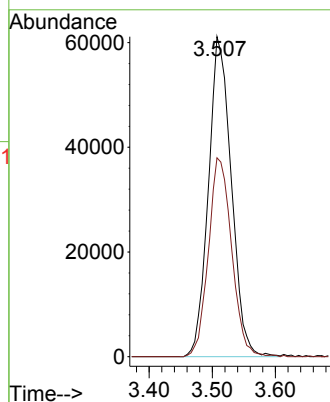
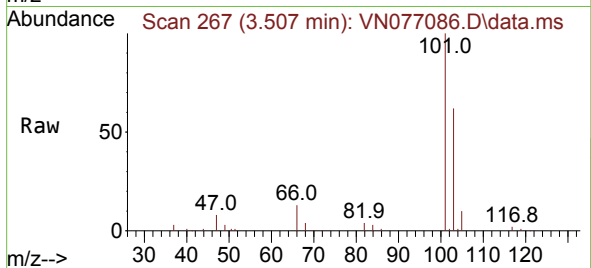




#7
Trichlorofluoromethane
Concen: 17.427 ug/l
RT: 3.507 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

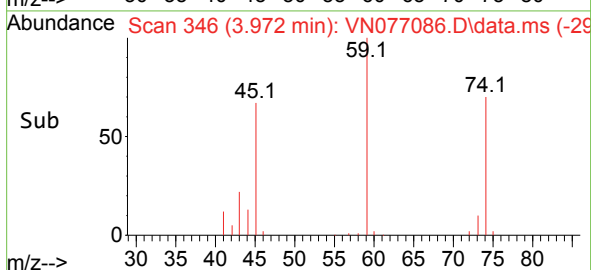
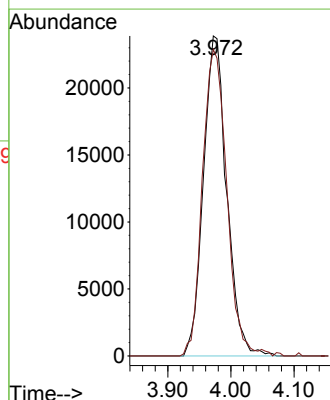
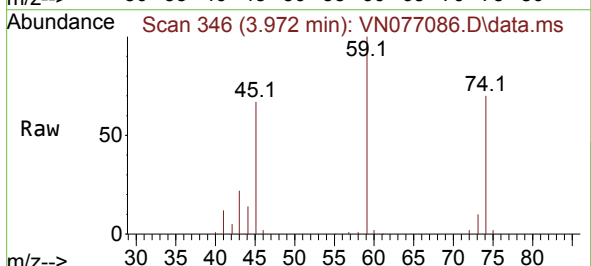
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

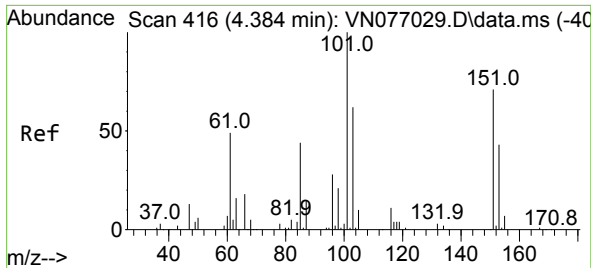
Tgt Ion:101 Resp: 153847
Ion Ratio Lower Upper
101 100
103 62.2 51.8 77.6



#8
Diethyl Ether
Concen: 18.406 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 74 Resp: 61153
Ion Ratio Lower Upper
74 100
45 99.5 50.8 152.5

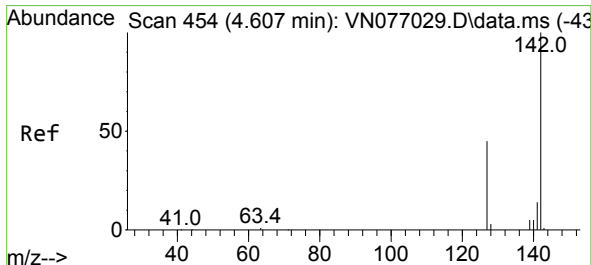
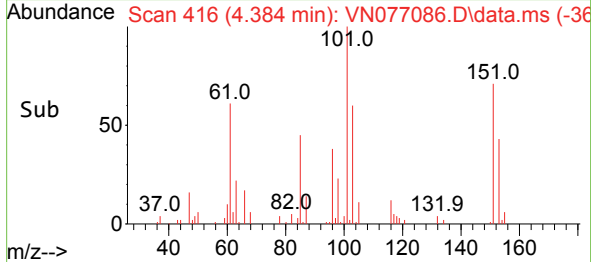
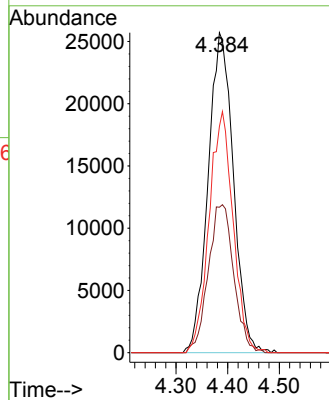
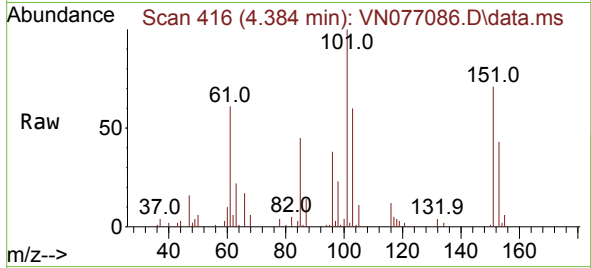




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.413 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

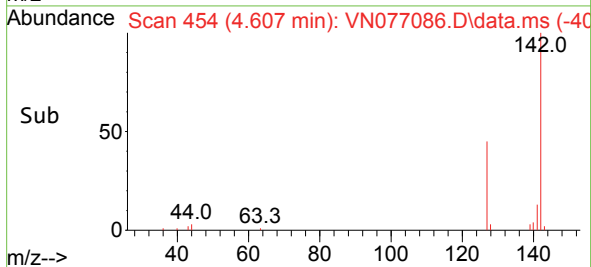
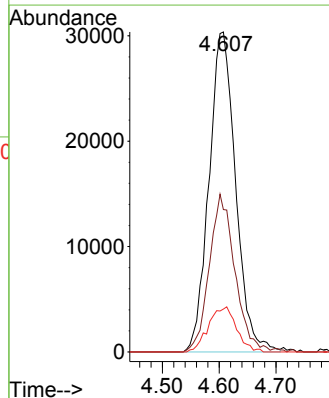
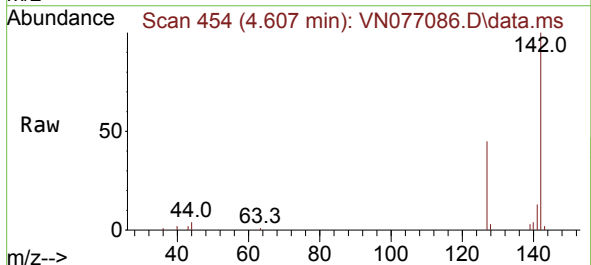
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

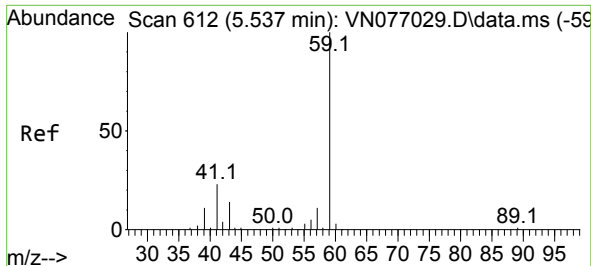
Tgt Ion:101 Resp: 87201
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 71.8 56.9 85.3



#10
Methyl Iodide
Concen: 17.498 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion:142 Resp: 98698
Ion Ratio Lower Upper
142 100
127 44.5 36.1 54.1
141 13.4 10.8 16.2

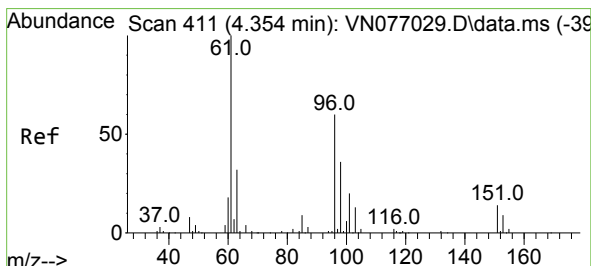
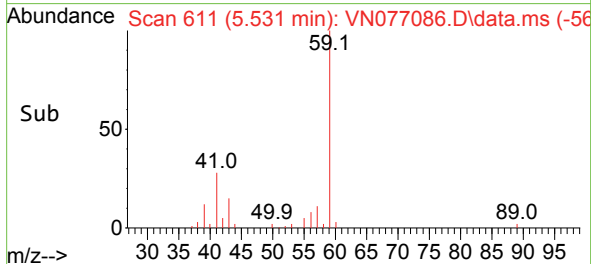
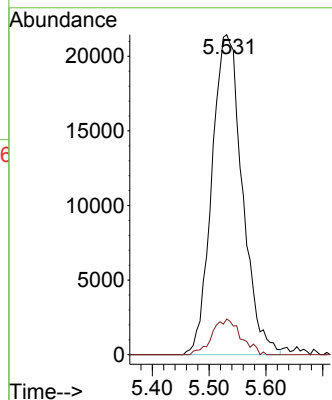
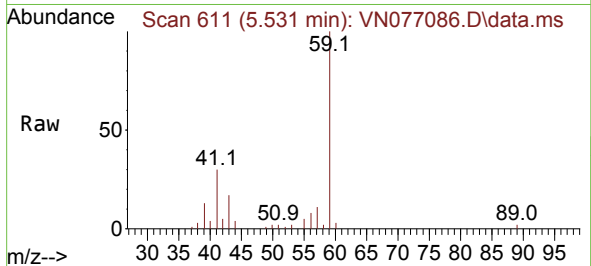




#11
Tert butyl alcohol
Concen: 91.000 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

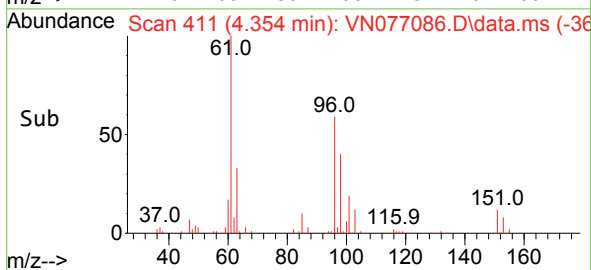
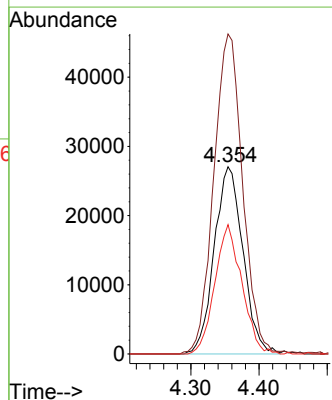
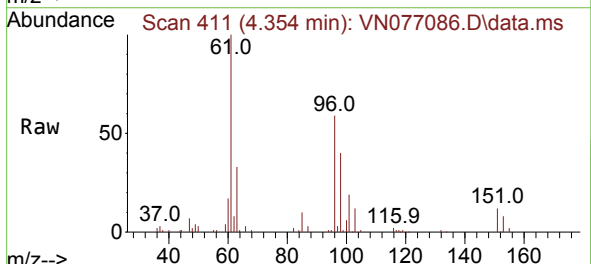
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

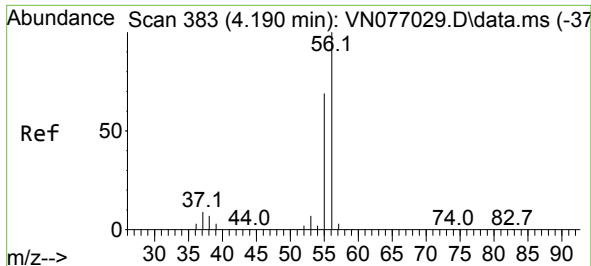
Tgt Ion: 59 Resp: 79924
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.312 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 96 Resp: 79309
Ion Ratio Lower Upper
96 100
61 170.9 133.8 200.8
98 69.0 48.6 72.8

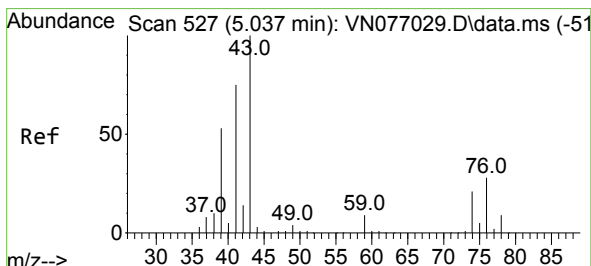
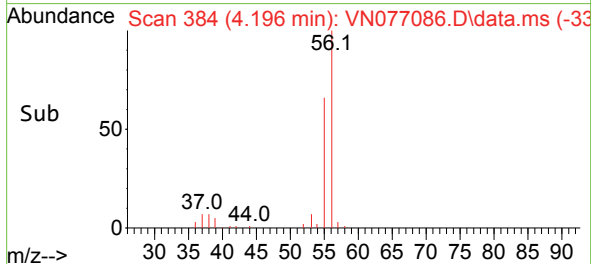
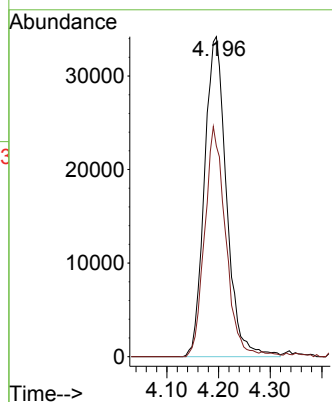
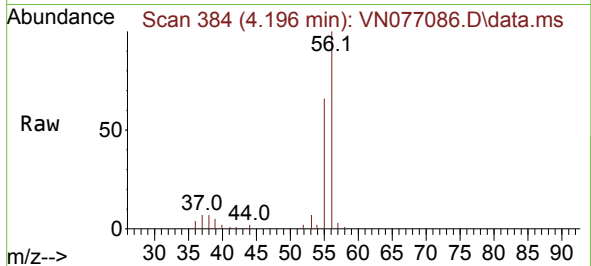




#13
Acrolein
Concen: 93.077 ug/l
RT: 4.196 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

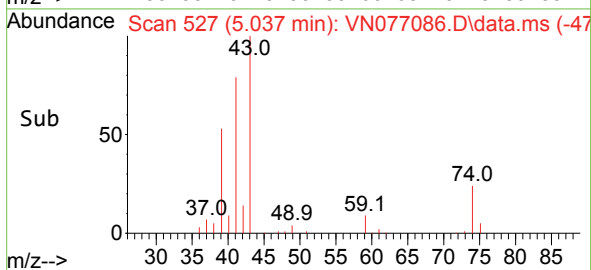
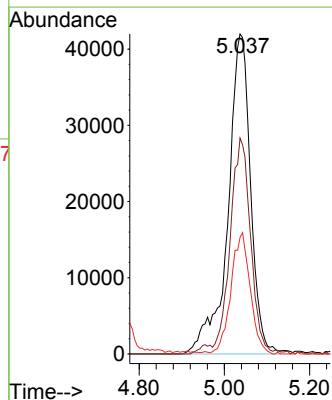
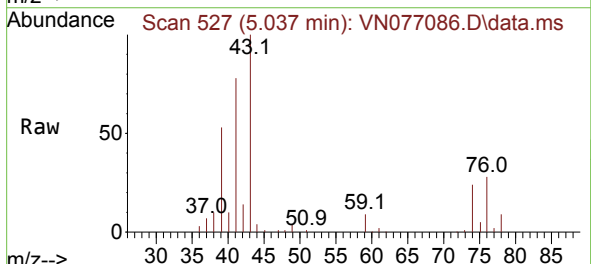
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

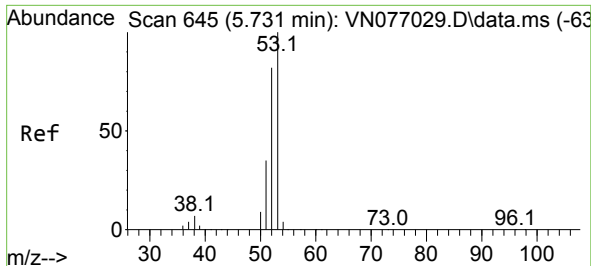
Tgt Ion: 56 Resp: 101111
Ion Ratio Lower Upper
56 100
55 68.0 57.0 85.6



#14
Allyl chloride
Concen: 18.491 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 41 Resp: 155082
Ion Ratio Lower Upper
41 100
39 59.3 53.8 80.8
76 32.3 26.7 40.1

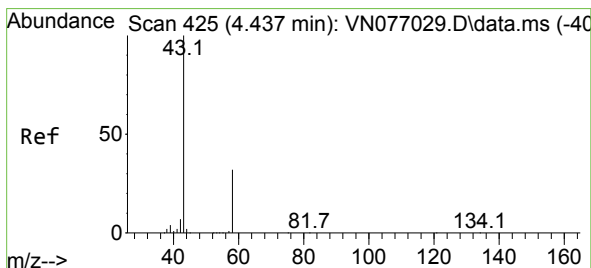
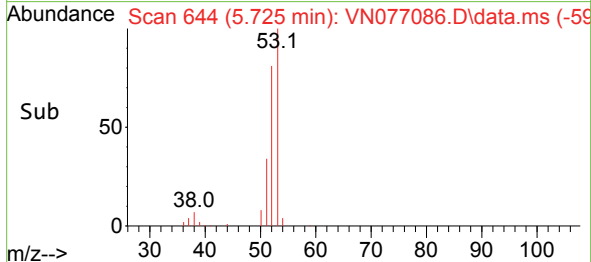
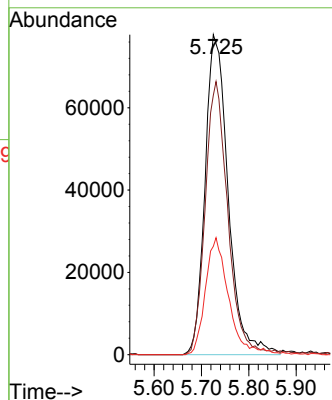
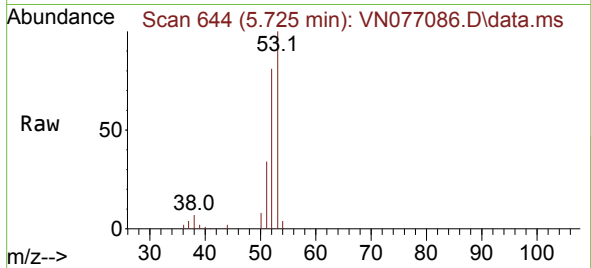




#15
Acrylonitrile
Concen: 89.483 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

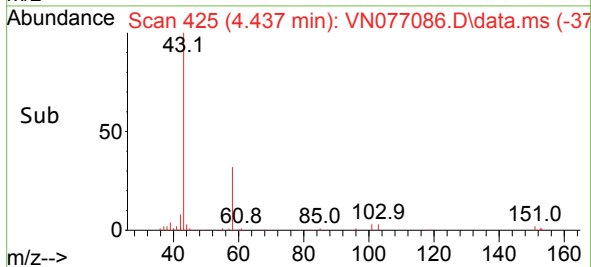
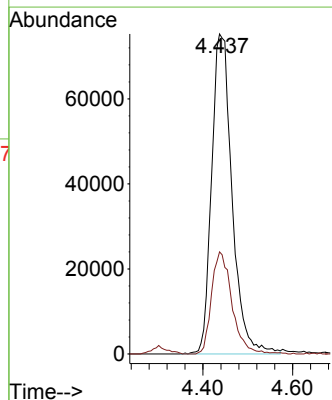
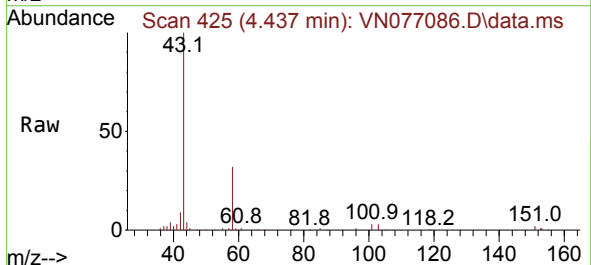
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

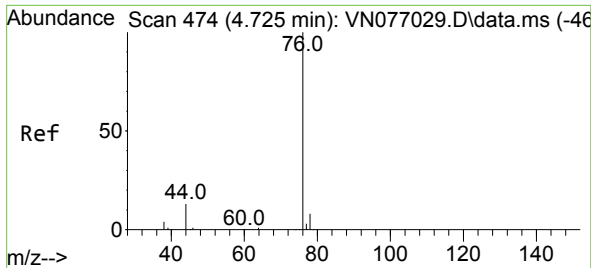
Tgt Ion: 53 Resp: 264208
Ion Ratio Lower Upper
53 100
52 83.1 64.6 97.0
51 35.9 28.3 42.5



#16
Acetone
Concen: 88.864 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 43 Resp: 238656
Ion Ratio Lower Upper
43 100
58 31.6 25.4 38.0

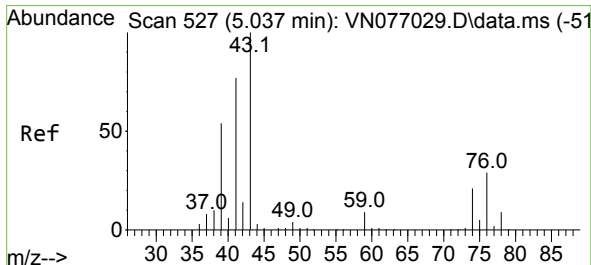
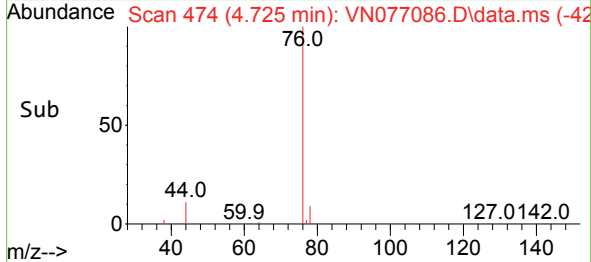
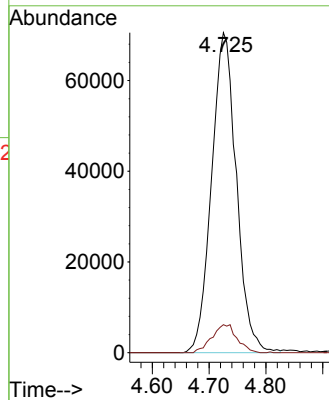
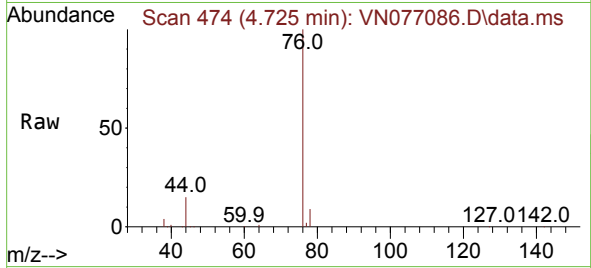




#17
Carbon Disulfide
Concen: 16.020 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

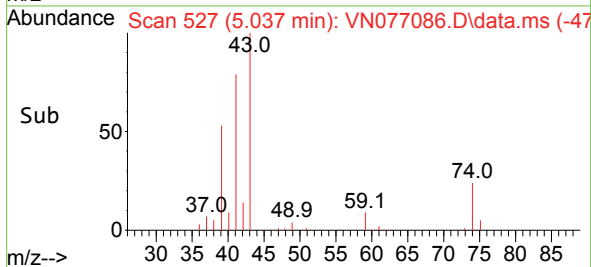
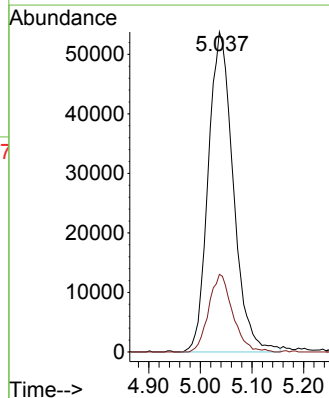
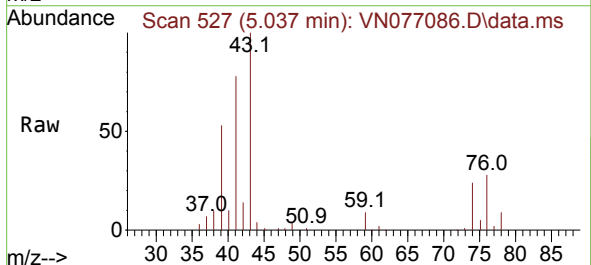
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

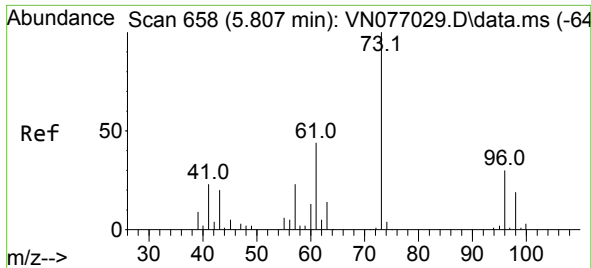
Tgt Ion: 76 Resp: 214004
Ion Ratio Lower Upper
76 100
78 8.7 6.6 10.0



#18
Methyl Acetate
Concen: 17.840 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 43 Resp: 180672
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5

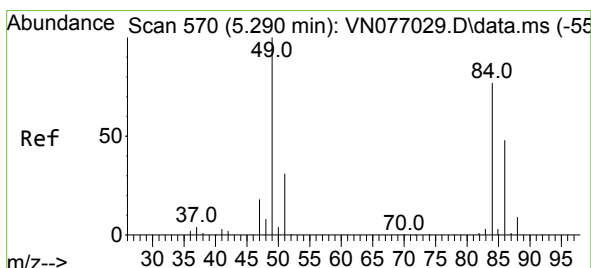
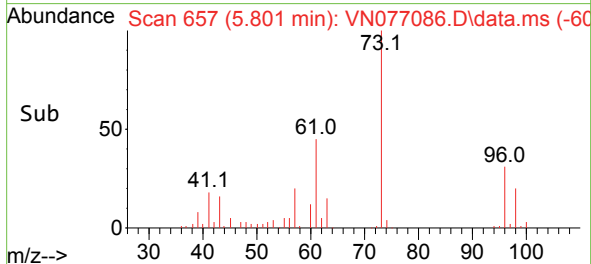
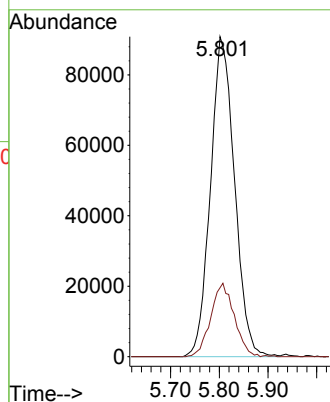
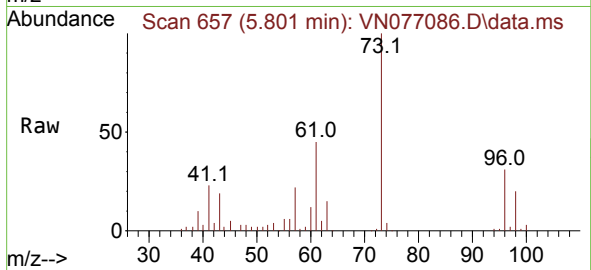




#19
Methyl tert-butyl Ether
Concen: 18.955 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

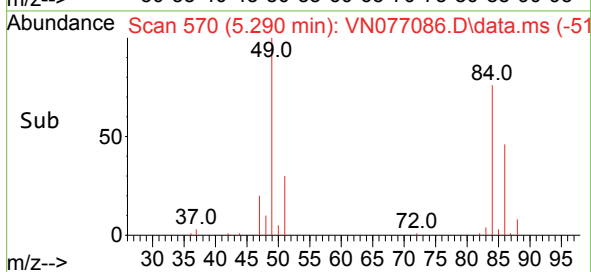
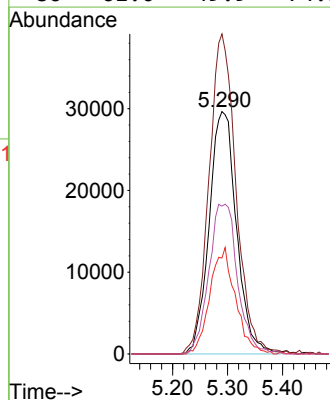
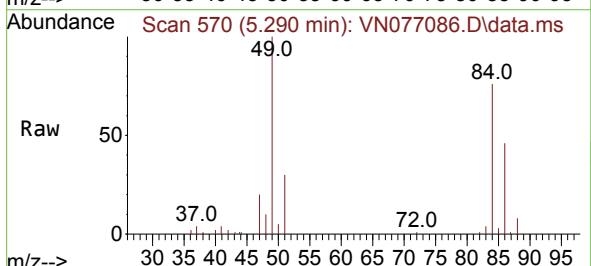
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

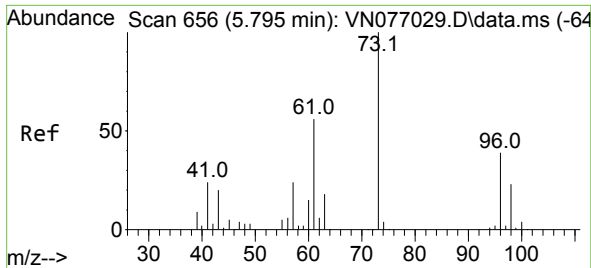
Tgt Ion: 73 Resp: 311654
Ion Ratio Lower Upper
73 100
57 21.6 18.7 28.1



#20
Methylene Chloride
Concen: 17.595 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 84 Resp: 102556
Ion Ratio Lower Upper
84 100
49 132.0 103.8 155.6
51 39.6 32.3 48.5
86 61.0 49.9 74.9

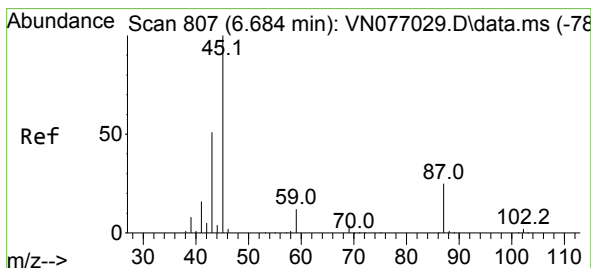
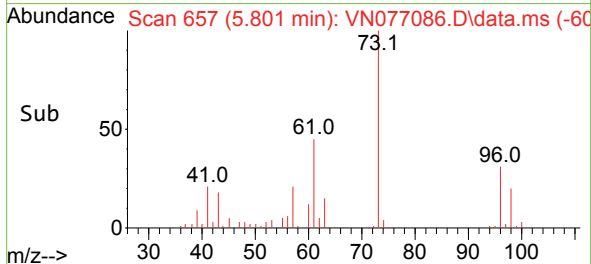
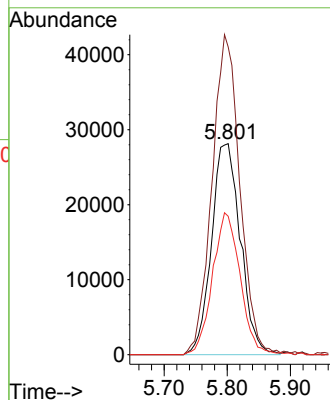
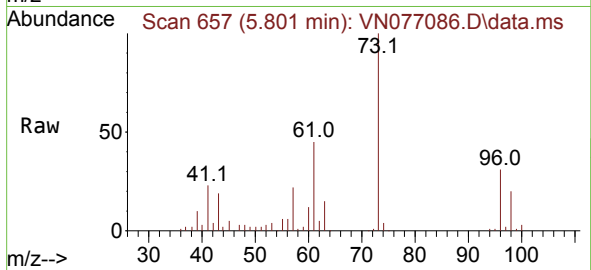




#21
trans-1,2-Dichloroethene
Concen: 17.979 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

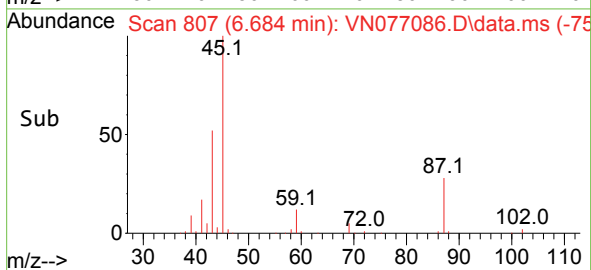
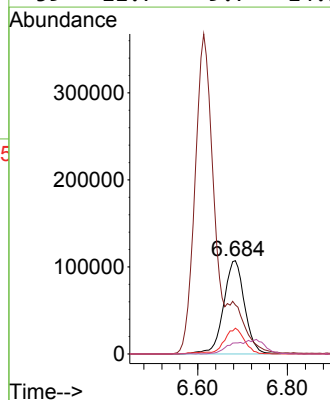
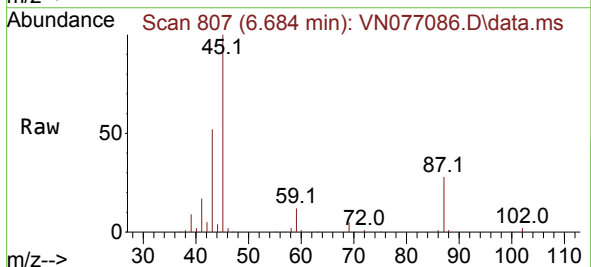
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

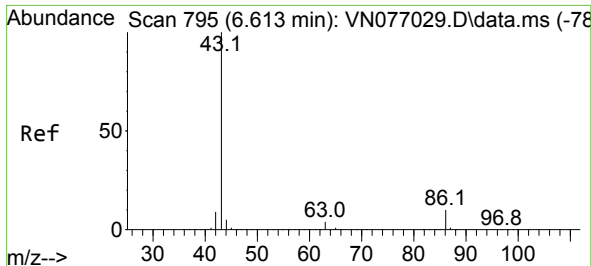
Tgt Ion: 96 Resp: 89273
Ion Ratio Lower Upper
96 100
61 145.8 115.8 173.6
98 65.6 48.2 72.2



#22
Diisopropyl ether
Concen: 18.942 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 45 Resp: 348069
Ion Ratio Lower Upper
45 100
43 51.2 41.5 62.3
87 27.5 20.6 30.8
59 11.7 9.7 14.5

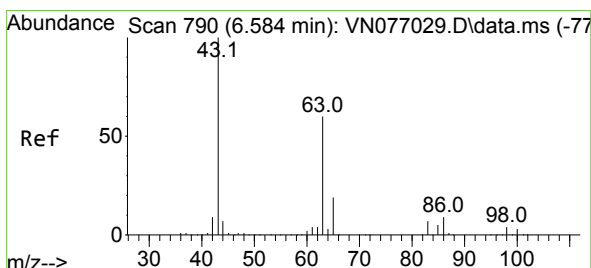
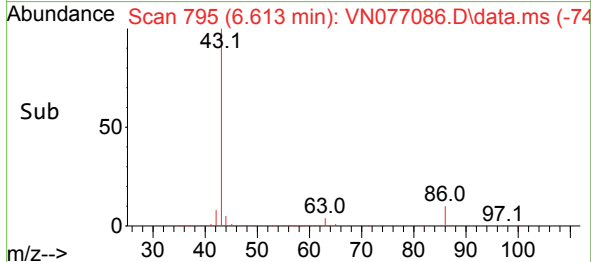
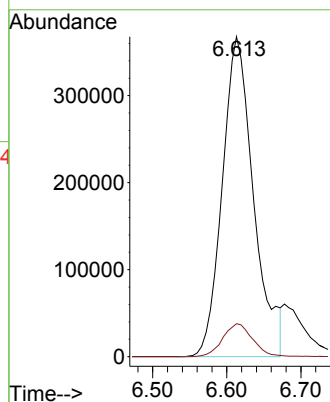
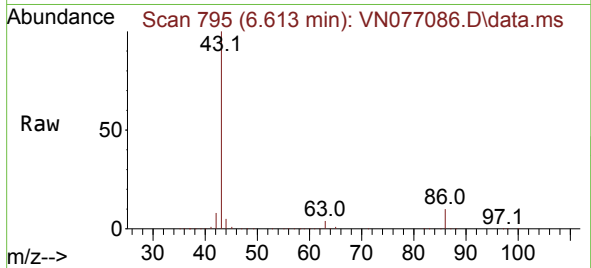




#23
 Vinyl Acetate
 Concen: 92.921 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

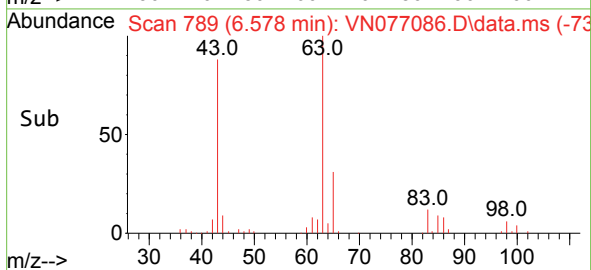
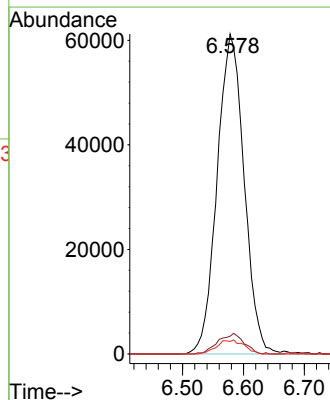
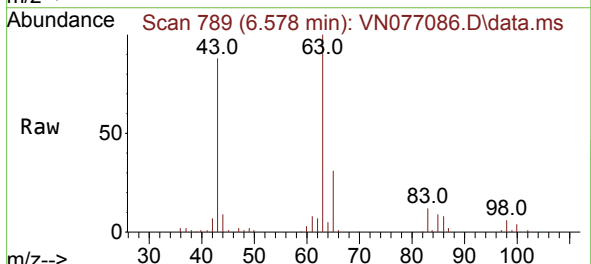
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

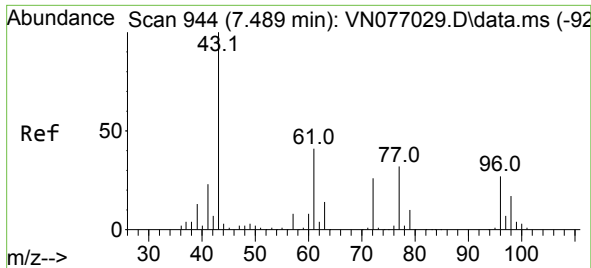
Tgt Ion: 43 Resp: 1077474
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 17.898 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

Tgt Ion: 63 Resp: 188199
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.4
 100 3.9 2.1 6.3

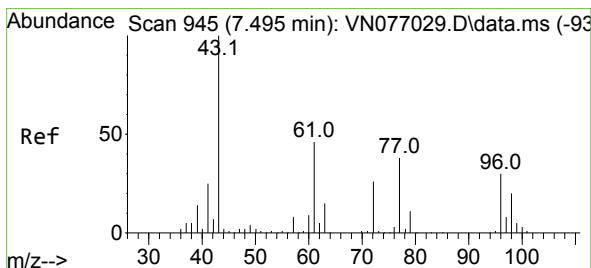
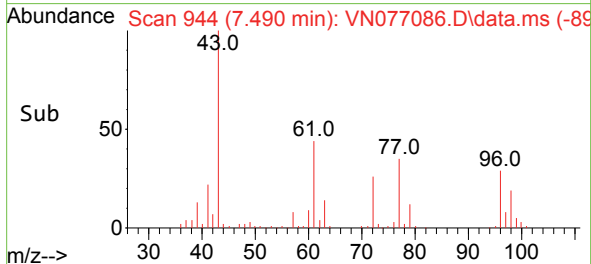
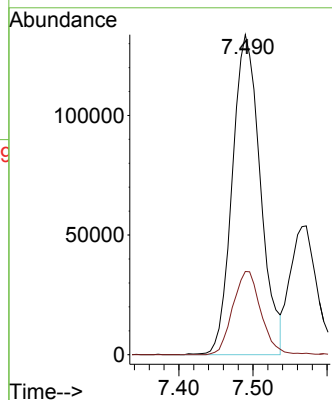
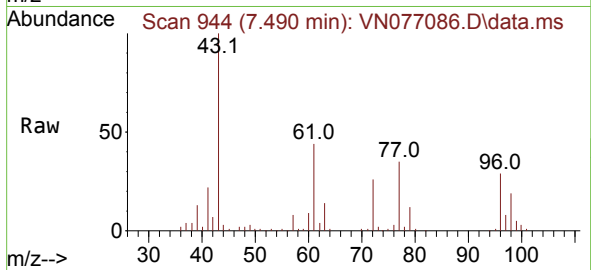




#25
2-Butanone
Concen: 89.722 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

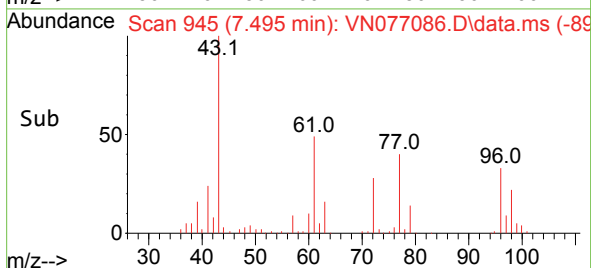
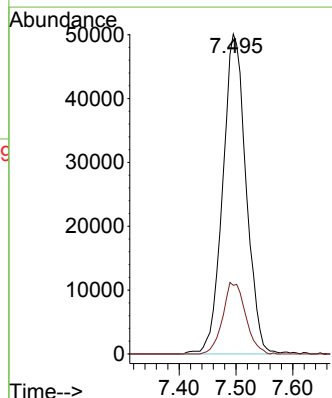
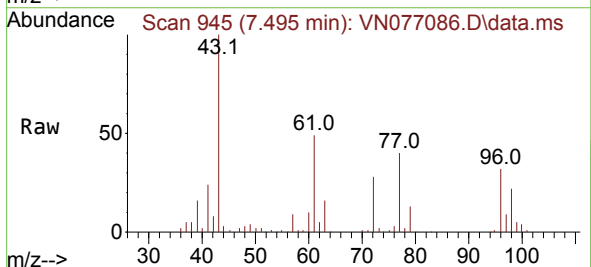
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

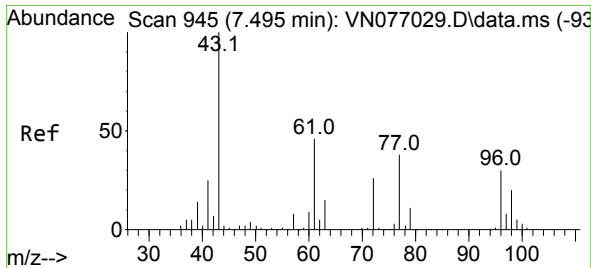
Tgt Ion: 43 Resp: 352491
Ion Ratio Lower Upper
43 100
72 26.0 20.7 31.1



#26
2,2-Dichloropropane
Concen: 18.057 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 77 Resp: 142863
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9

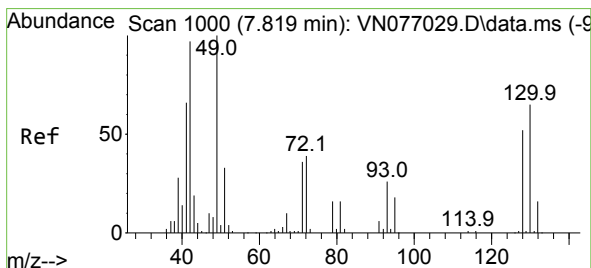
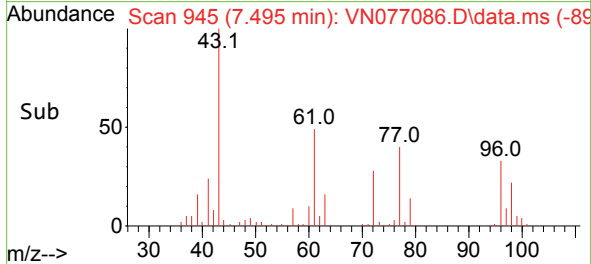
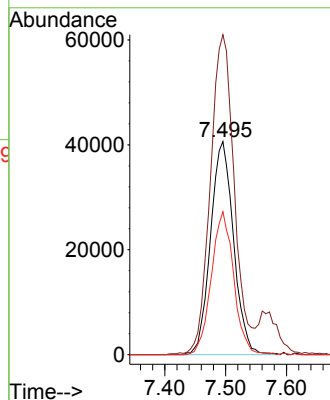
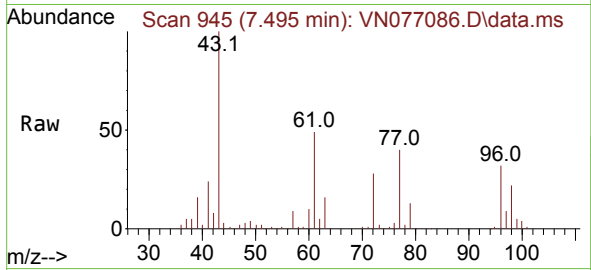




#27
 cis-1,2-Dichloroethene
 Concen: 18.783 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

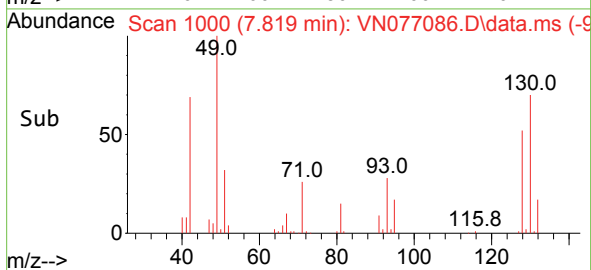
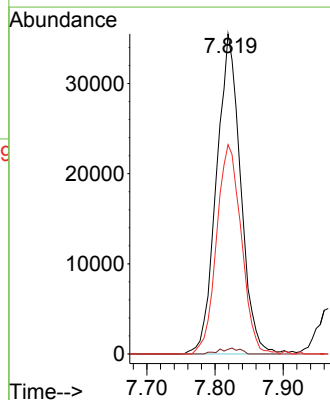
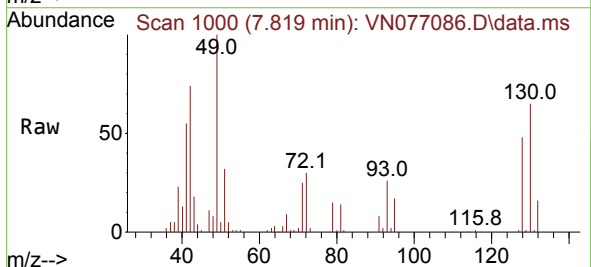
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

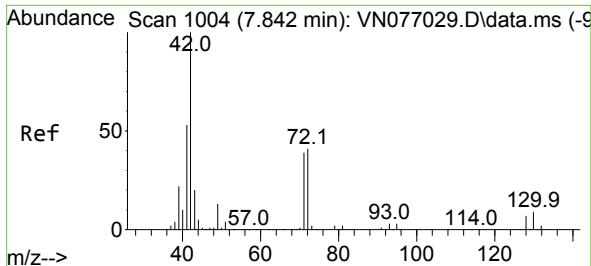
Tgt Ion: 96 Resp: 106818
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 315.4
 98 65.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 19.120 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

Tgt Ion: 49 Resp: 87311
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 67.2 51.9 77.9





#29

Tetrahydrofuran

Concen: 91.605 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

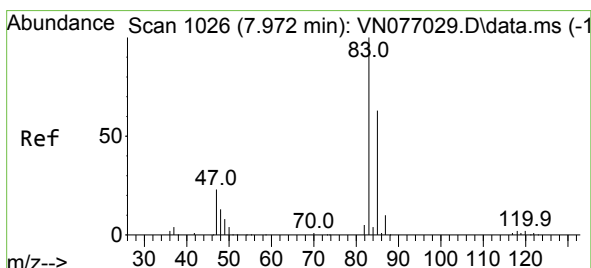
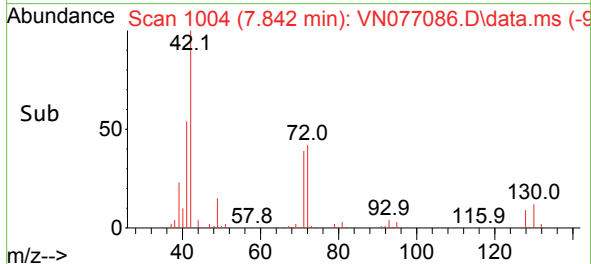
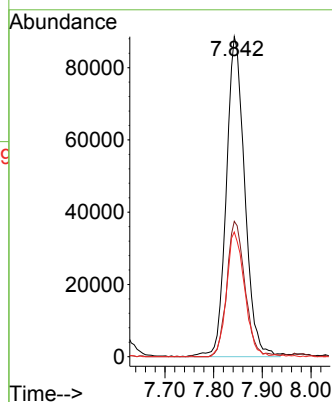
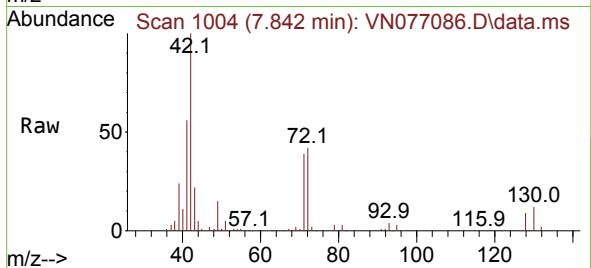
Tgt Ion: 42 Resp: 233211

Ion Ratio Lower Upper

42 100

72 41.7 33.2 49.8

71 38.2 31.0 46.4



#30

Chloroform

Concen: 18.212 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077086.D

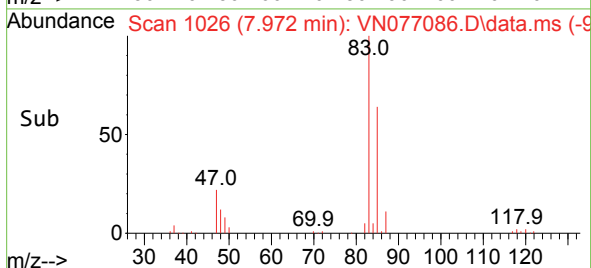
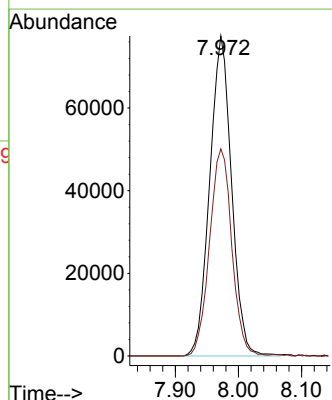
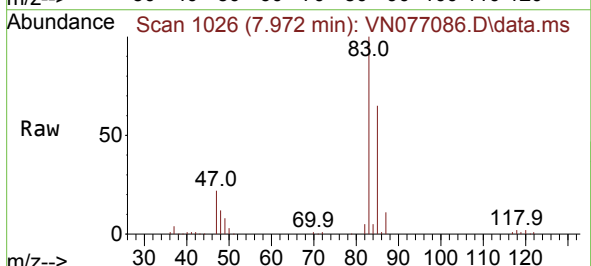
Acq: 21 Mar 2023 13:08

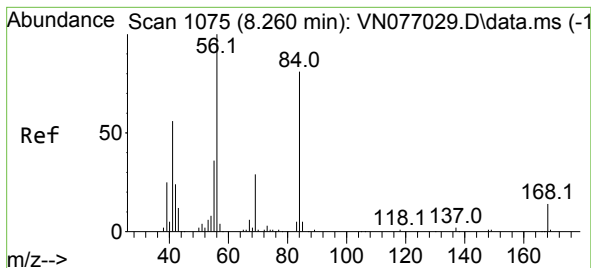
Tgt Ion: 83 Resp: 185865

Ion Ratio Lower Upper

83 100

85 64.7 50.6 75.8





#31

Cyclohexane

Concen: 16.855 ug/l

RT: 8.266 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

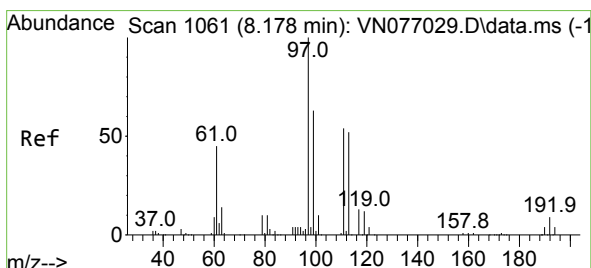
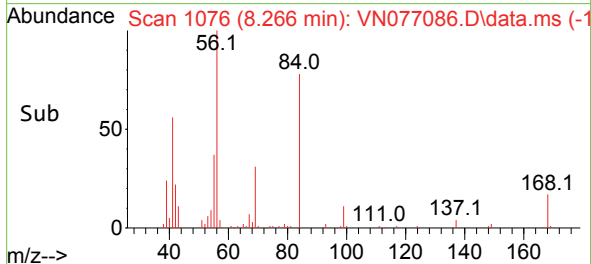
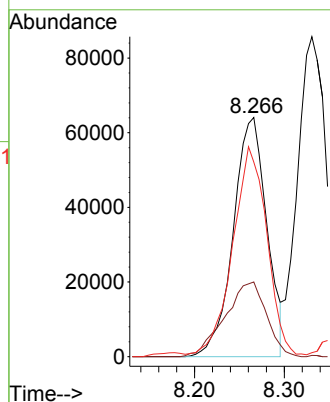
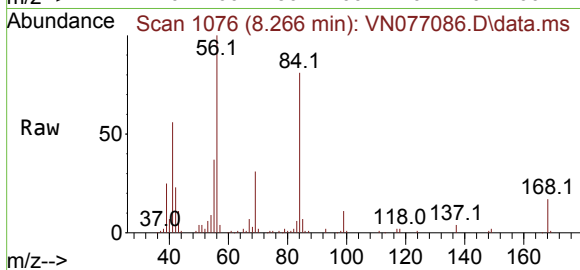
Tgt Ion: 56 Resp: 166216

Ion Ratio Lower Upper

56 100

69 31.3 22.8 34.2

84 79.9 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 17.912 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

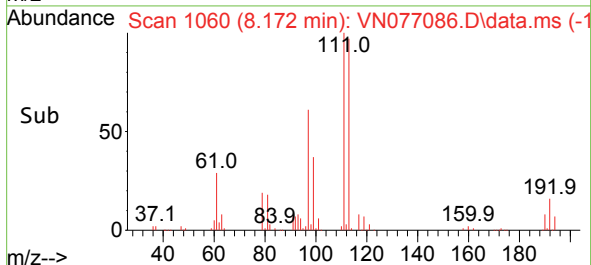
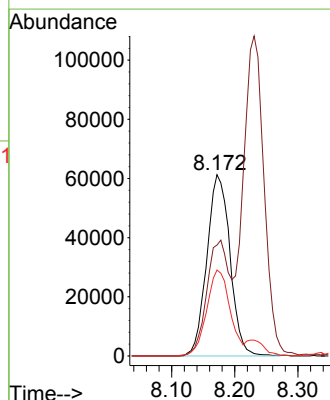
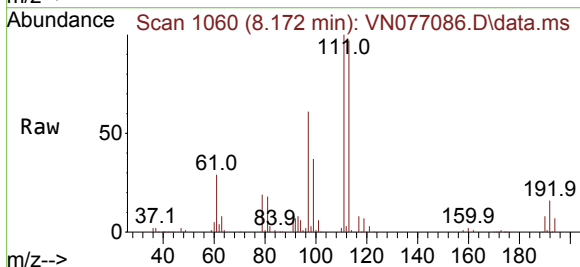
Tgt Ion: 97 Resp: 156238

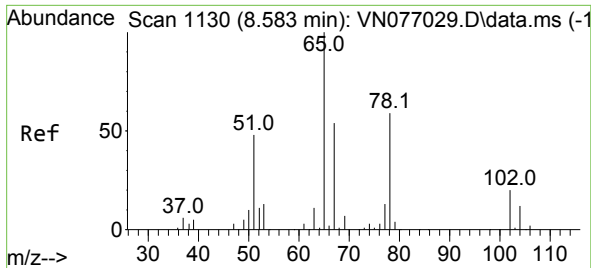
Ion Ratio Lower Upper

97 100

99 61.8 50.2 75.2

61 47.9 39.0 58.6

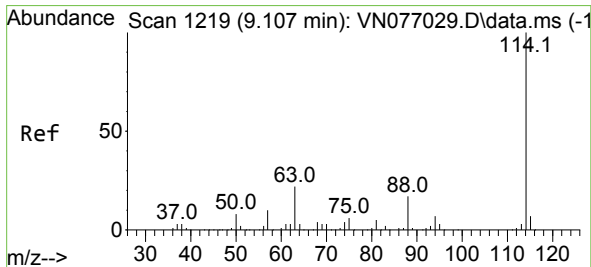
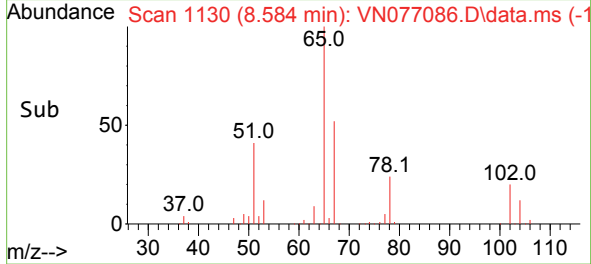
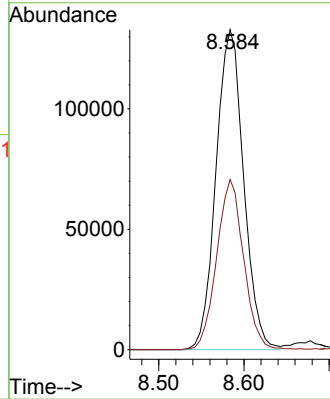
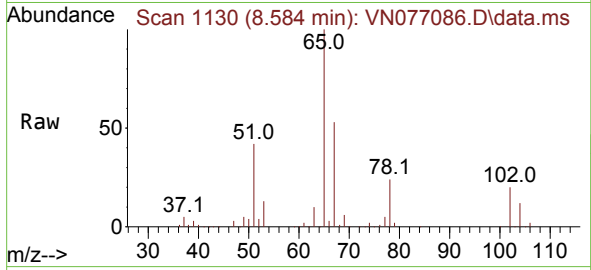




#33
 1,2-Dichloroethane-d4
 Concen: 49.638 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. 0.001 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

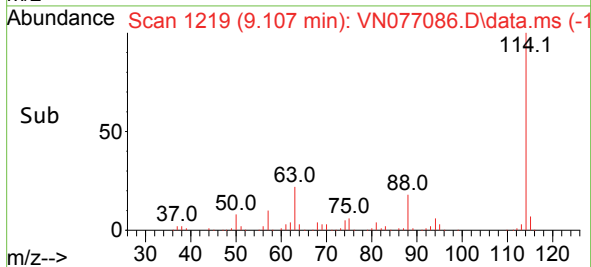
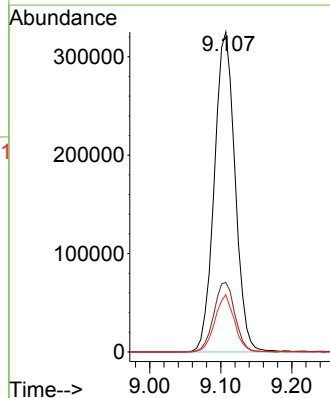
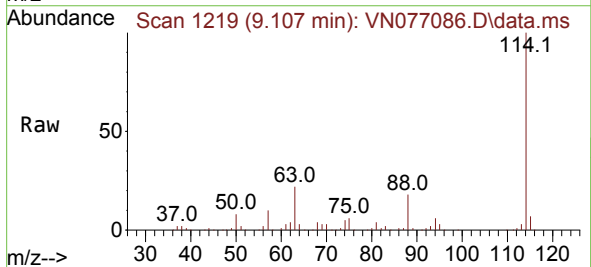
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

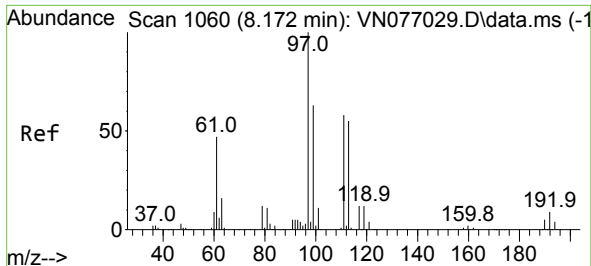
Tgt Ion: 65 Resp: 299187
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

Tgt Ion: 114 Resp: 657402
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.6
 88 17.9 0.0 33.8

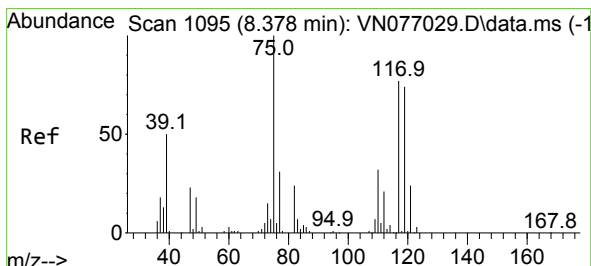
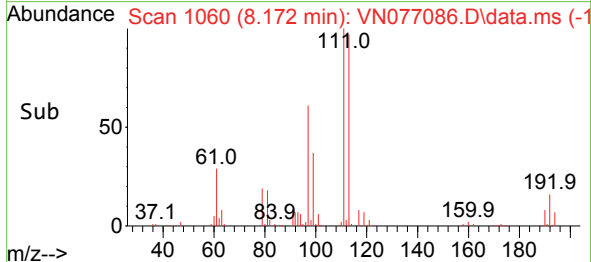
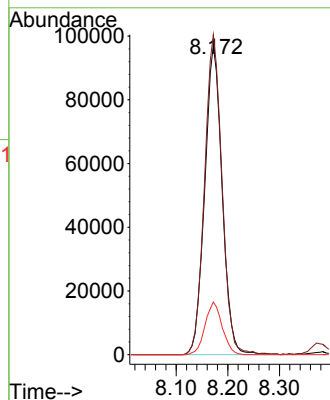
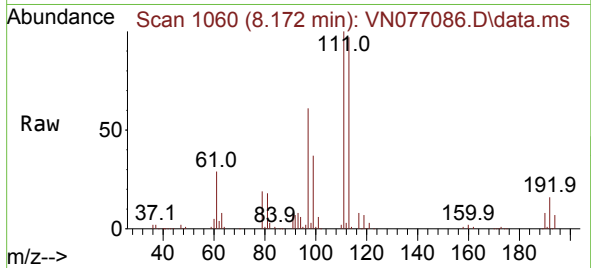




#35
Dibromofluoromethane
Concen: 49.400 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

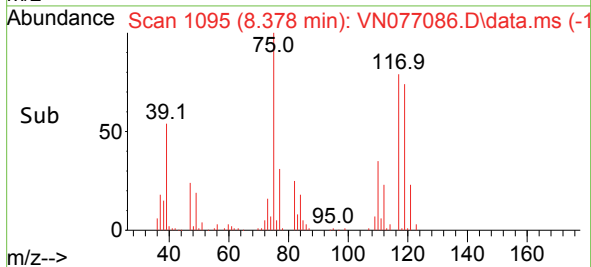
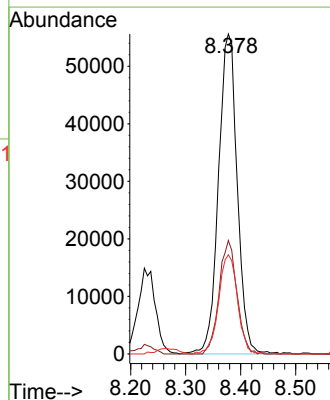
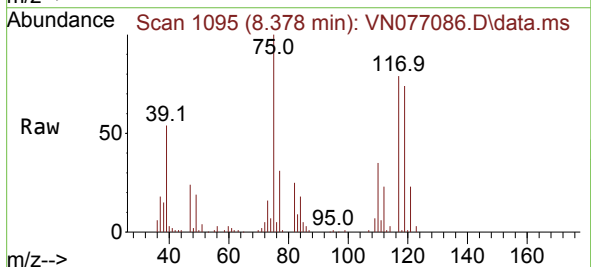
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

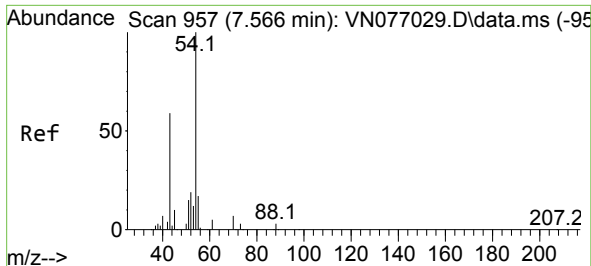
Tgt Ion:113 Resp: 227430
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 16.7 13.0 19.6



#36
1,1-Dichloropropene
Concen: 18.344 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 75 Resp: 131910
Ion Ratio Lower Upper
75 100
110 33.7 15.9 47.7
77 31.1 24.3 36.5

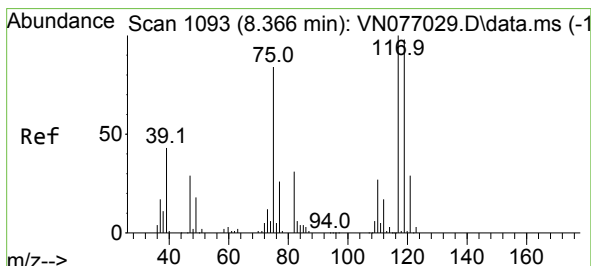
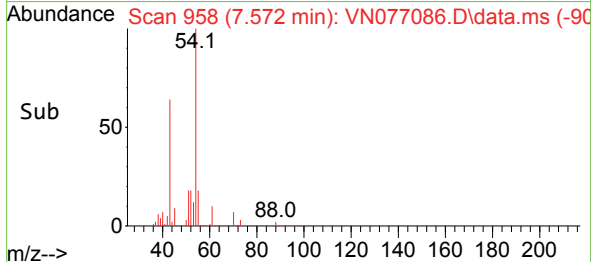
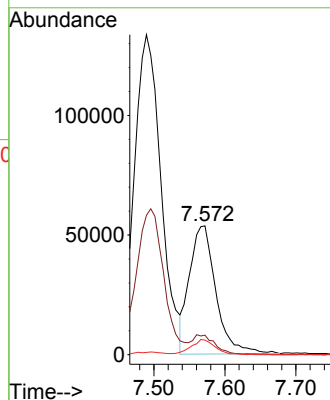
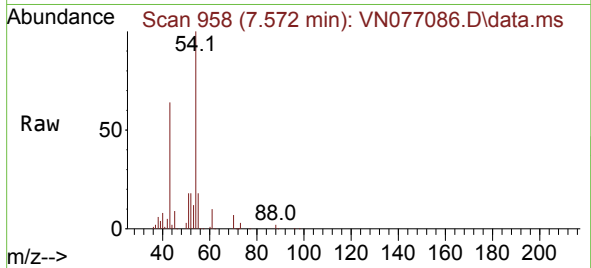




#37
Ethyl Acetate
Concen: 18.115 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

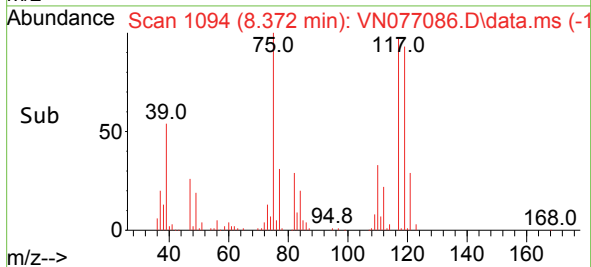
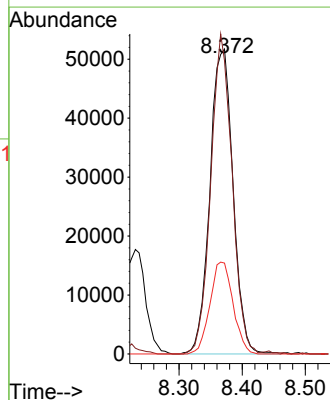
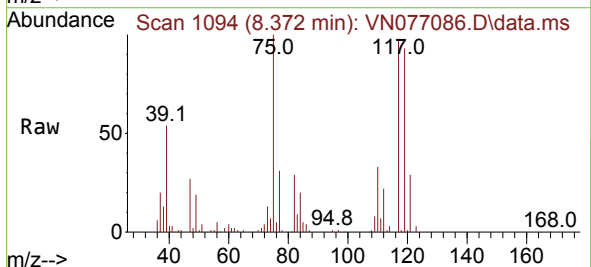
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

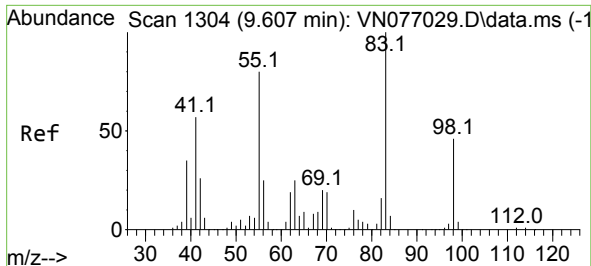
Tgt Ion: 43 Resp: 139375
Ion Ratio Lower Upper
43 100
61 12.2 11.0 16.6
70 10.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.834 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 117 Resp: 131913
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.2
121 29.8 23.2 34.8





#39

Methylcyclohexane

Concen: 19.008 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

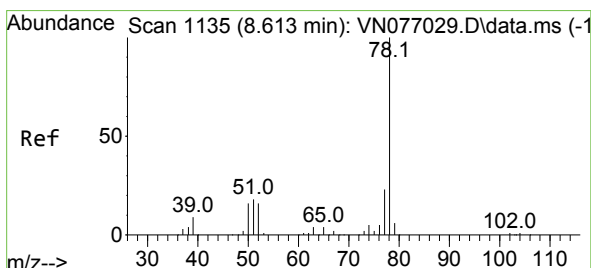
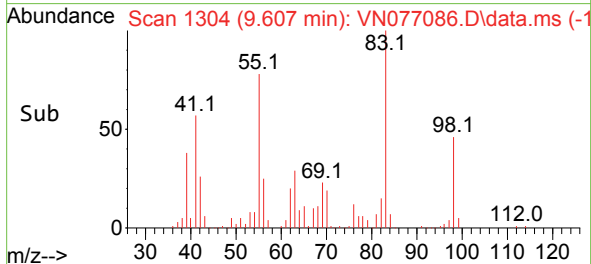
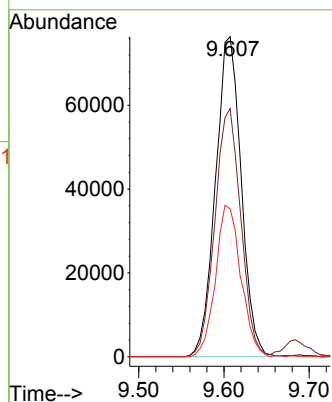
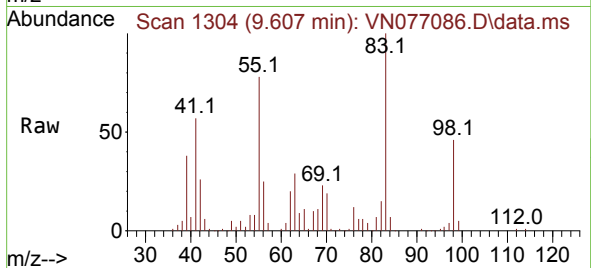
Tgt Ion: 83 Resp: 159990

Ion Ratio Lower Upper

83 100

55 77.6 63.8 95.8

98 46.2 37.1 55.7



#40

Benzene

Concen: 18.887 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077086.D

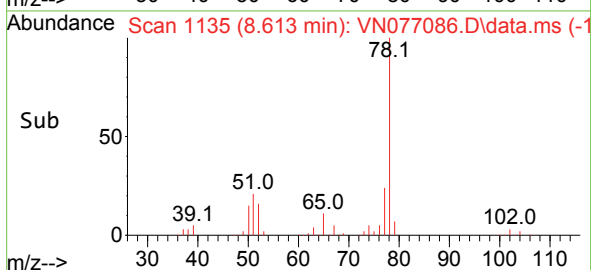
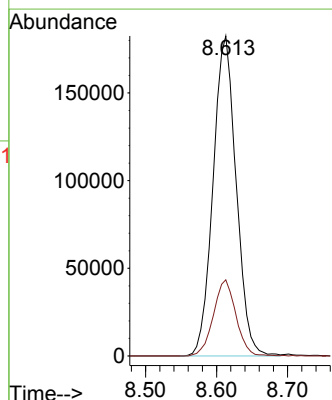
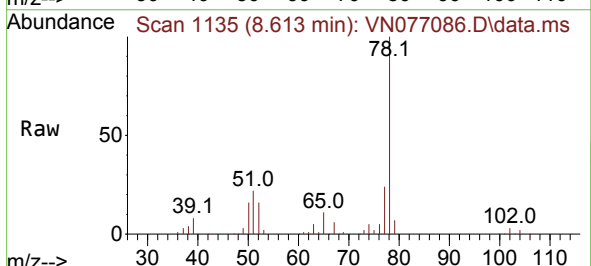
Acq: 21 Mar 2023 13:08

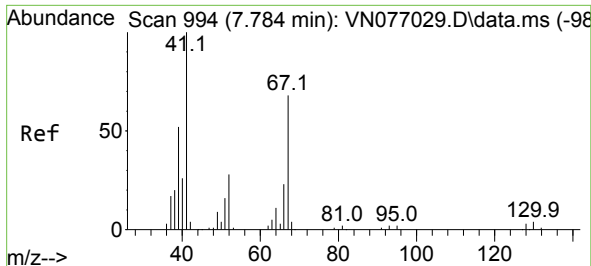
Tgt Ion: 78 Resp: 411899

Ion Ratio Lower Upper

78 100

77 23.8 18.5 27.7

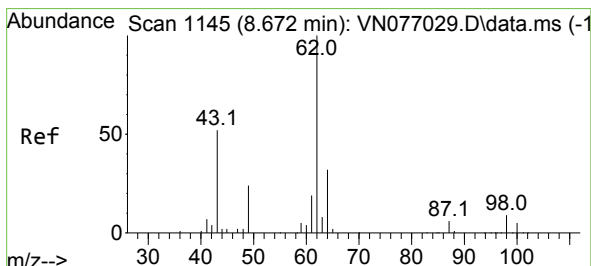
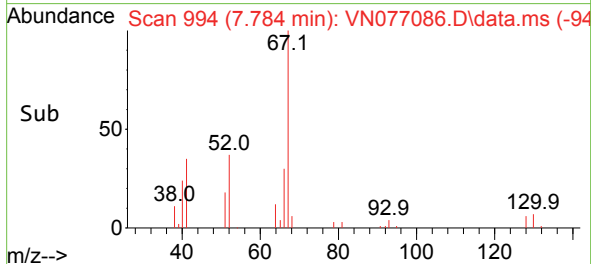
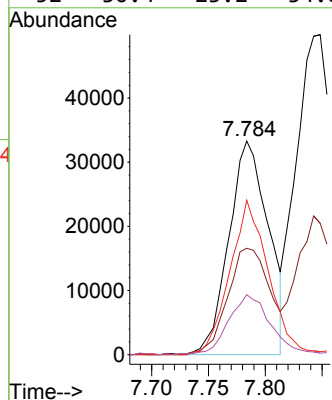
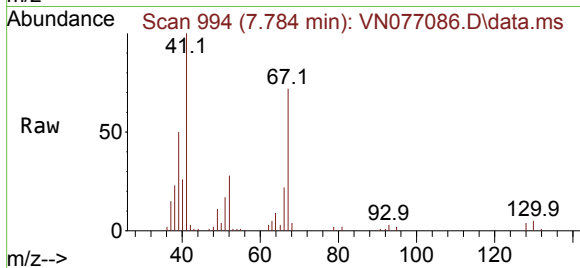




#41
Methacrylonitrile
Concen: 19.412 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

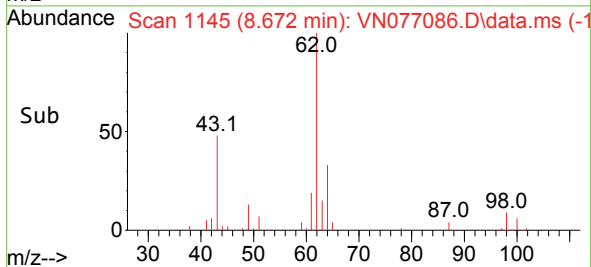
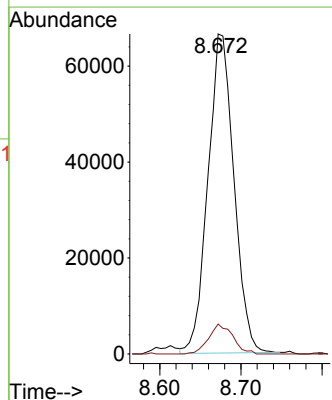
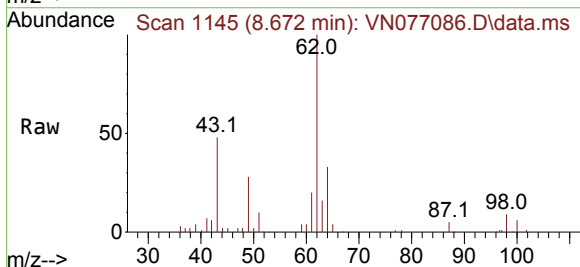
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

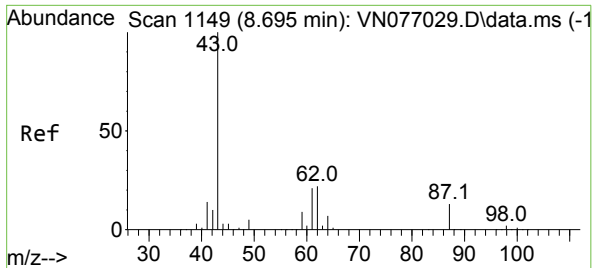
Tgt Ion:	41	Resp:	80457
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.6	62.4
67	71.1	53.8	80.8
52	30.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 18.766 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion:	62	Resp:	147884
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4

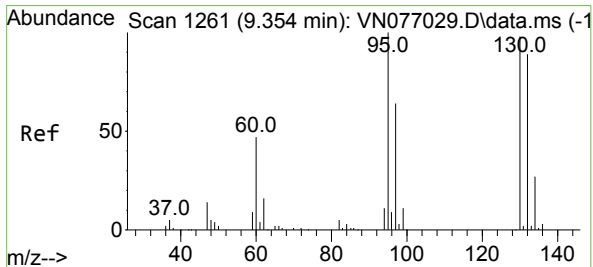
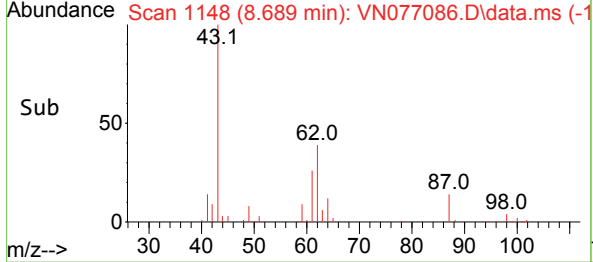
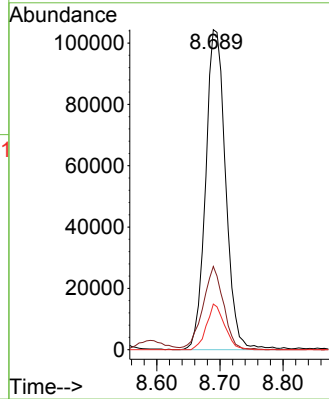
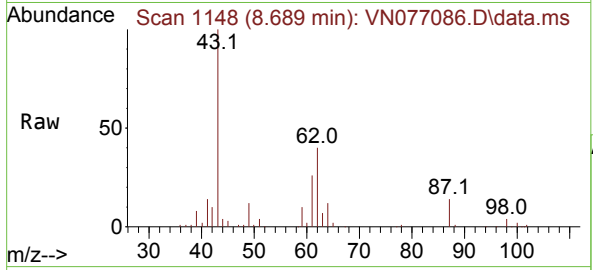




#43
Isopropyl Acetate
Concen: 19.090 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

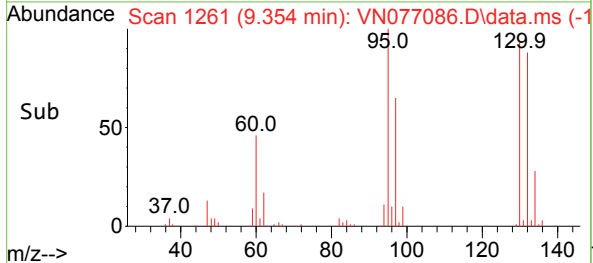
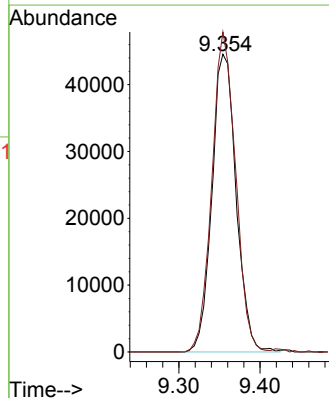
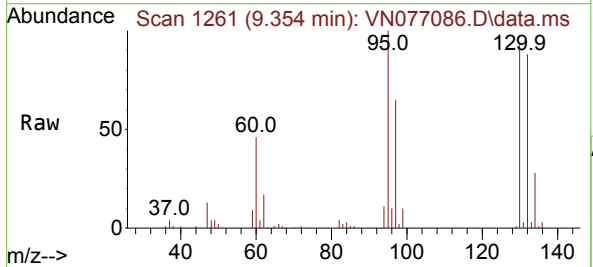
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

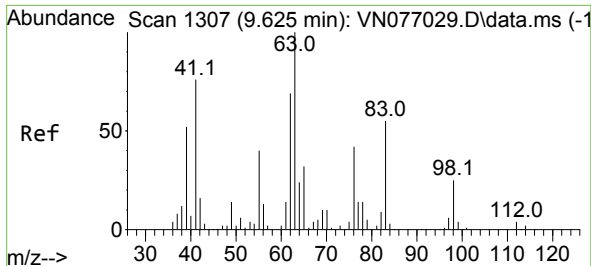
Tgt Ion: 43 Resp: 229443
Ion Ratio Lower Upper
43 100
61 26.9 20.6 30.8
87 12.9 10.0 15.0



#44
Trichloroethene
Concen: 18.420 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion:130 Resp: 92270
Ion Ratio Lower Upper
130 100
95 107.5 0.0 204.4

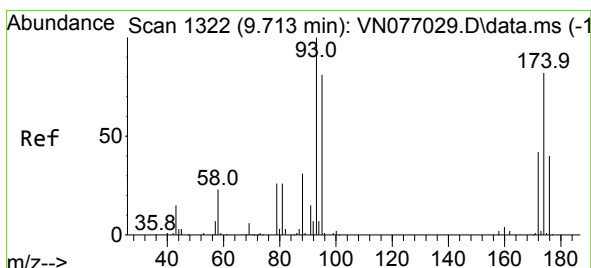
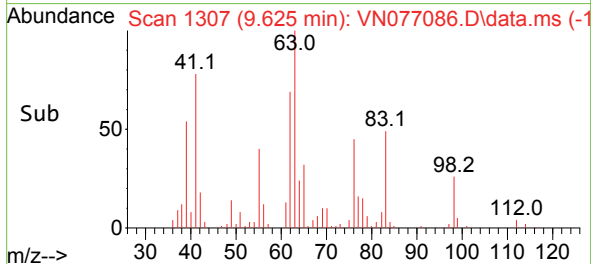
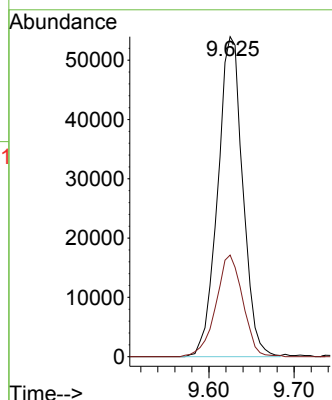
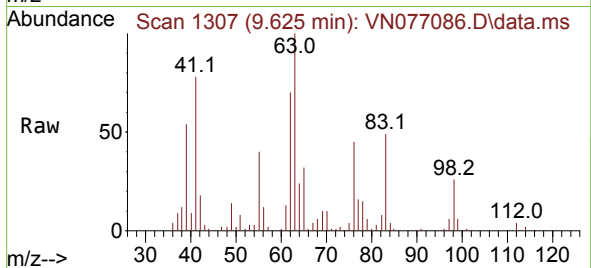




#45
1,2-Dichloropropane
Concen: 19.048 ug/l
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

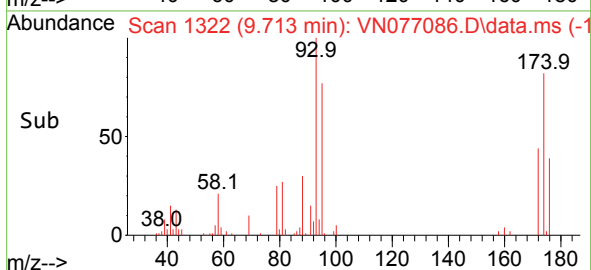
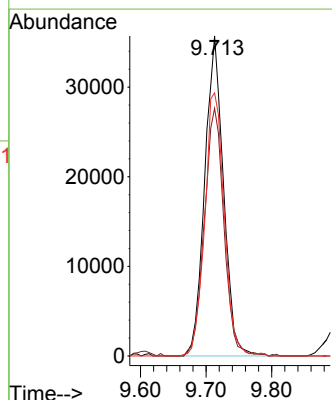
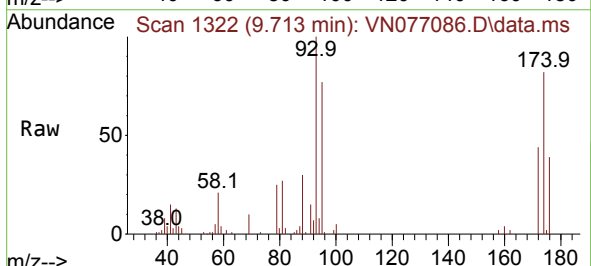
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

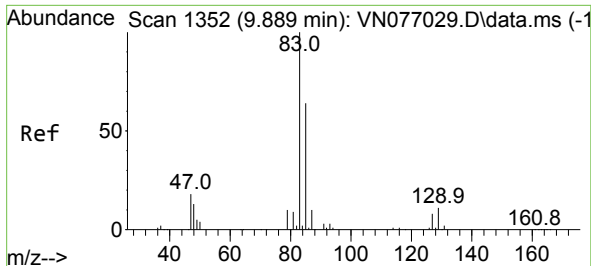
Tgt Ion: 63 Resp: 110327
Ion Ratio Lower Upper
63 100
65 31.8 25.5 38.3



#46
Dibromomethane
Concen: 19.436 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 93 Resp: 70997
Ion Ratio Lower Upper
93 100
95 80.8 65.7 98.5
174 85.7 66.4 99.6

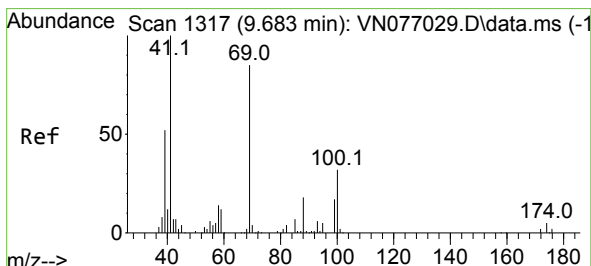
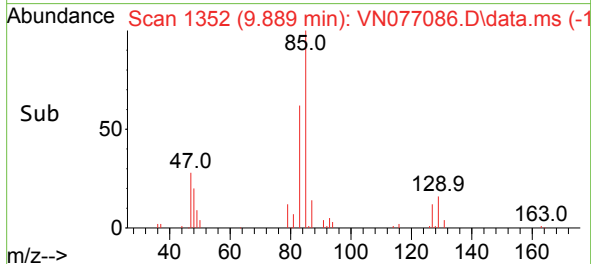
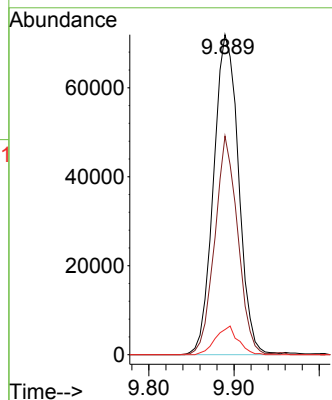
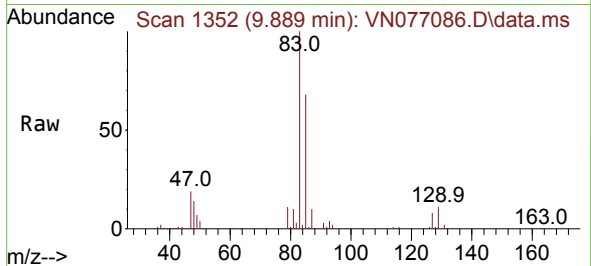




#47
Bromodichloromethane
Concen: 19.115 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

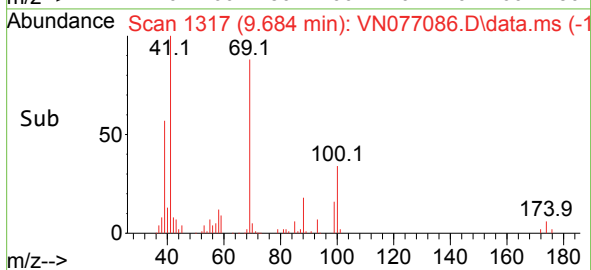
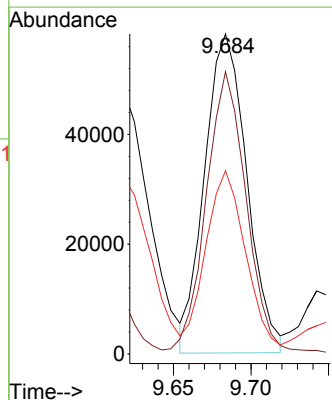
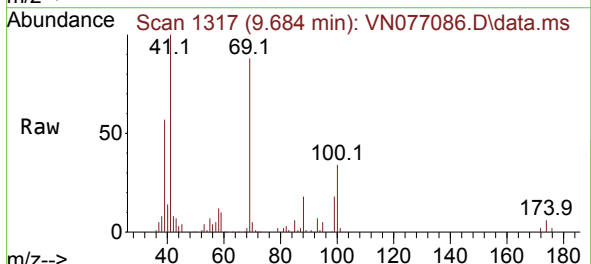
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

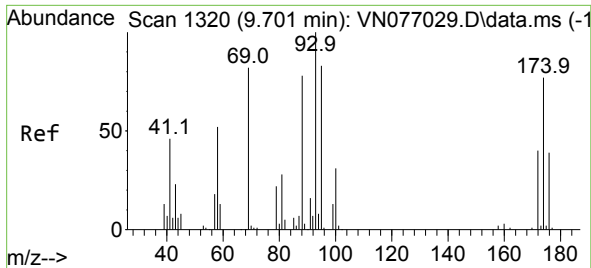
Tgt Ion: 83 Resp: 146450
Ion Ratio Lower Upper
83 100
85 68.3 51.0 76.4
127 7.9 6.1 9.1



#48
Methyl methacrylate
Concen: 19.142 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 41 Resp: 109986
Ion Ratio Lower Upper
41 100
69 85.3 64.3 96.5
39 55.1 43.2 64.8

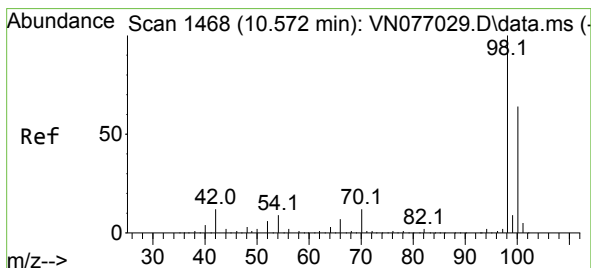
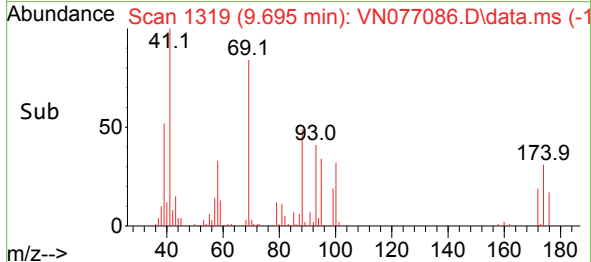
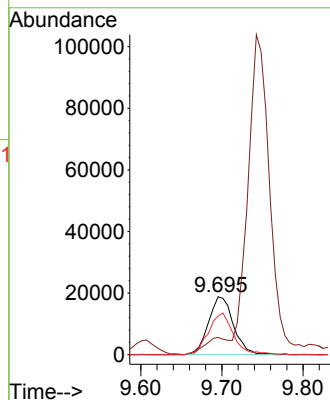
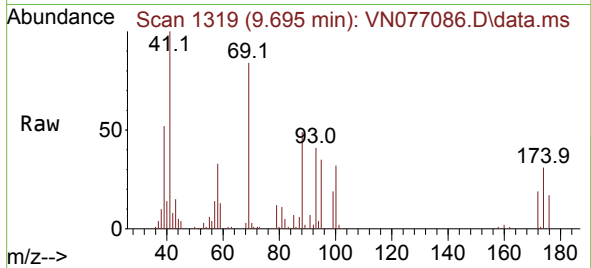




#49
1,4-Dioxane
Concen: 409.753 ug/l
RT: 9.695 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

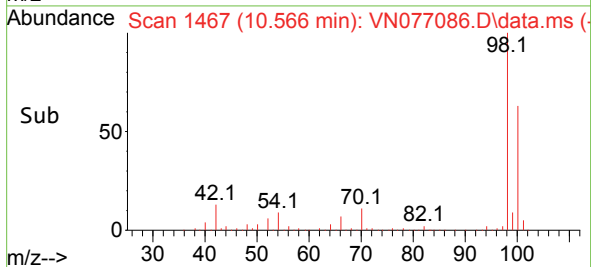
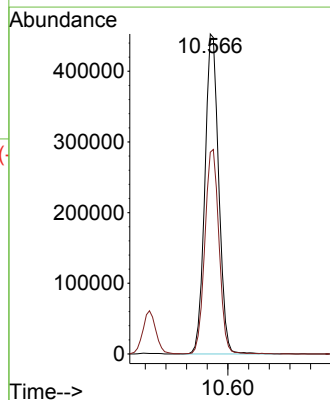
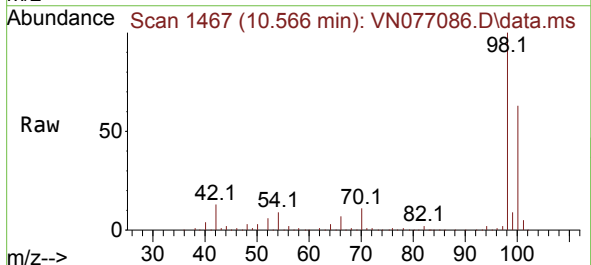
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

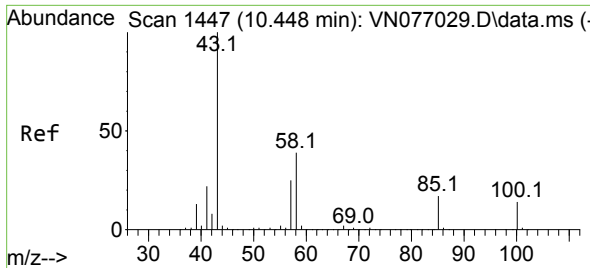
Tgt Ion: 88 Resp: 40212
Ion Ratio Lower Upper
88 100
43 26.7 22.2 33.2
58 72.1 60.8 91.2



#50
Toluene-d8
Concen: 51.146 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 98 Resp: 841123
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4

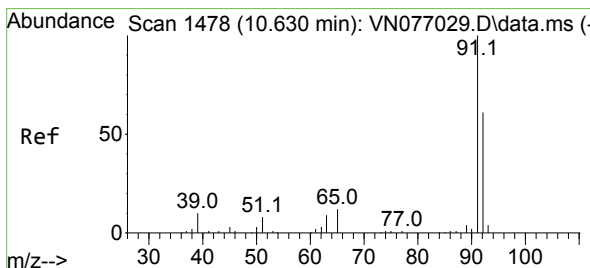
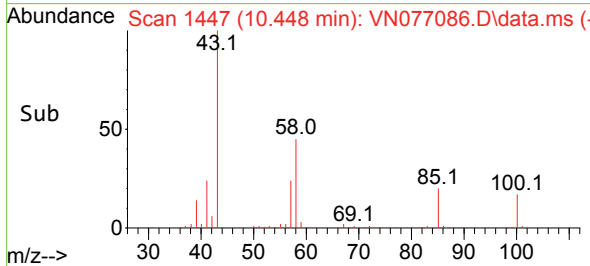
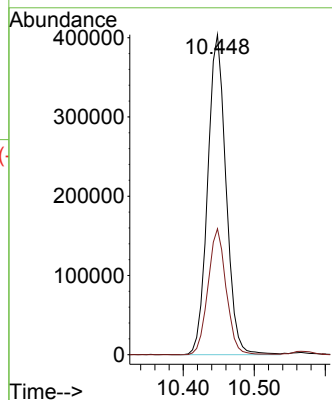
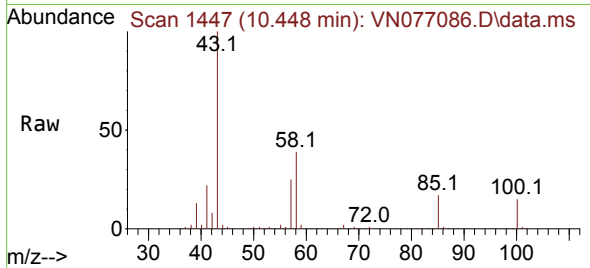




#51
4-Methyl-2-Pentanone
Concen: 96.737 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

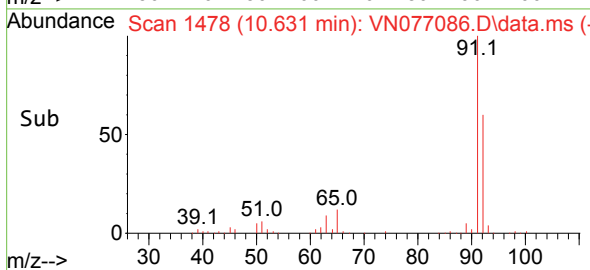
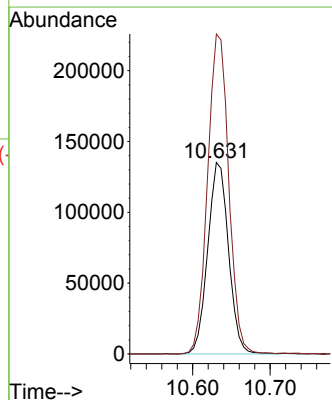
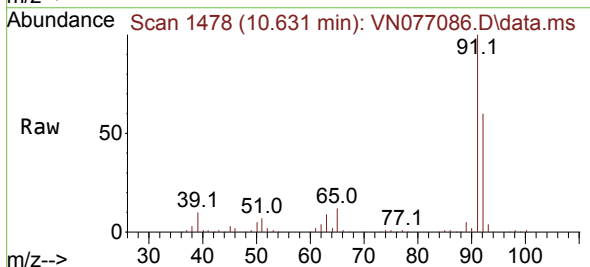
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

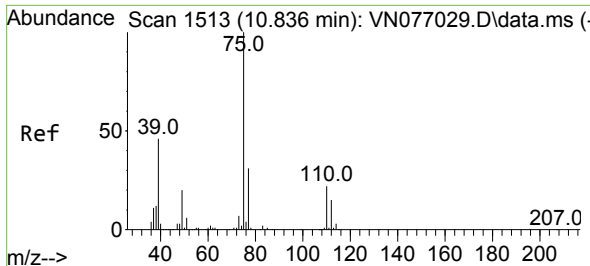
Tgt Ion: 43 Resp: 724016
Ion Ratio Lower Upper
43 100
58 39.1 31.1 46.7



#52
Toluene
Concen: 19.409 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 92 Resp: 252731
Ion Ratio Lower Upper
92 100
91 169.7 135.8 203.8

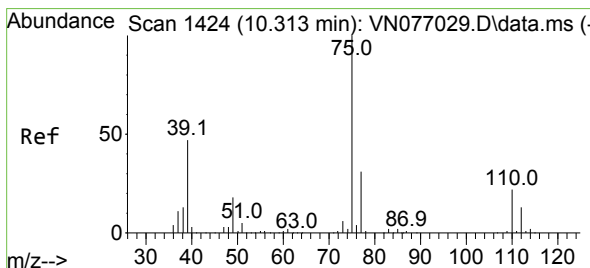
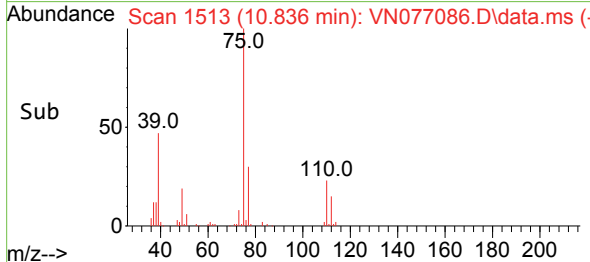
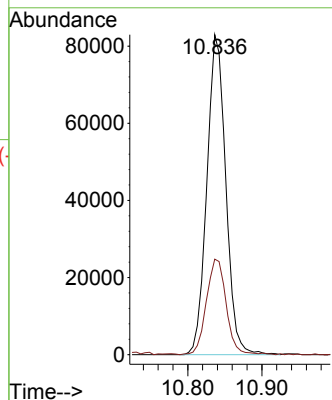
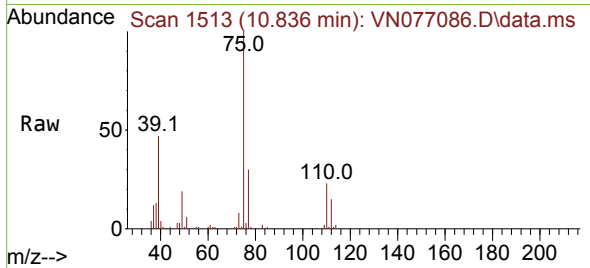




#53
 t-1,3-Dichloropropene
 Concen: 19.618 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

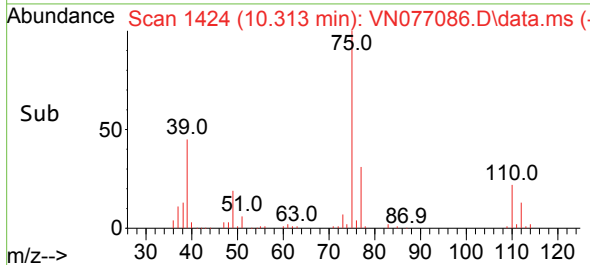
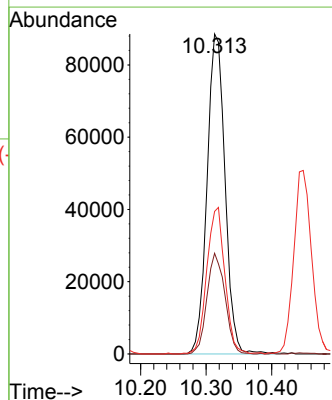
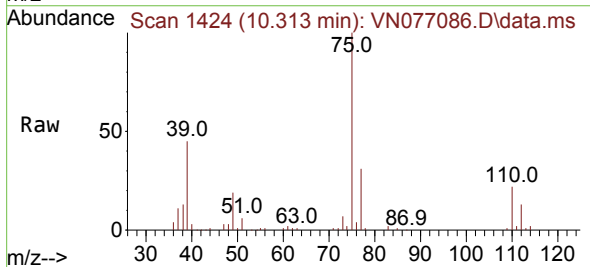
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

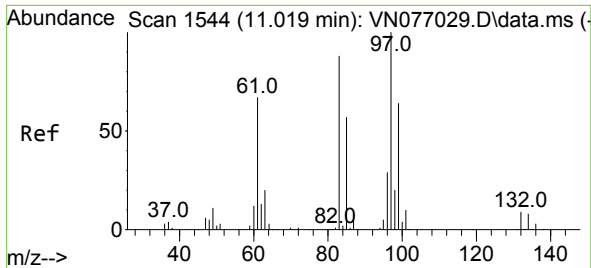
Tgt Ion: 75 Resp: 147312
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.923 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

Tgt Ion: 75 Resp: 168791
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.5 36.7
 39 44.5 37.8 56.6

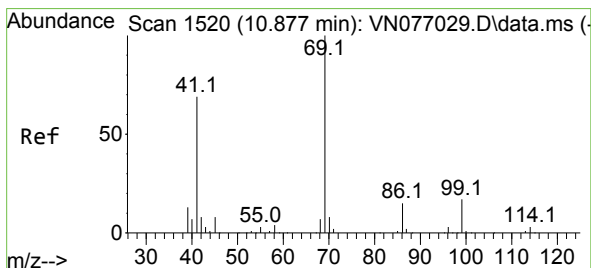
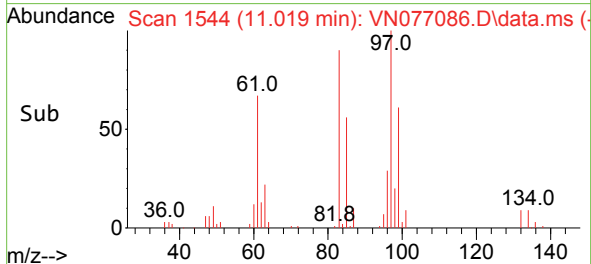
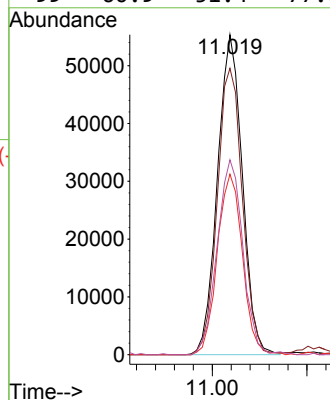
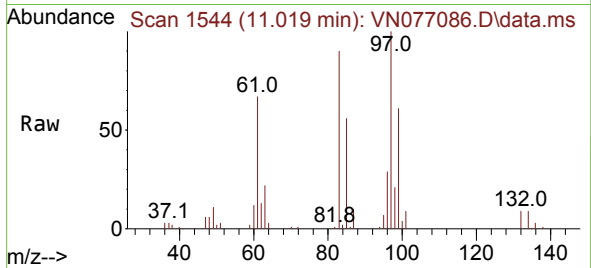




#55
1,1,2-Trichloroethane
Concen: 19.706 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

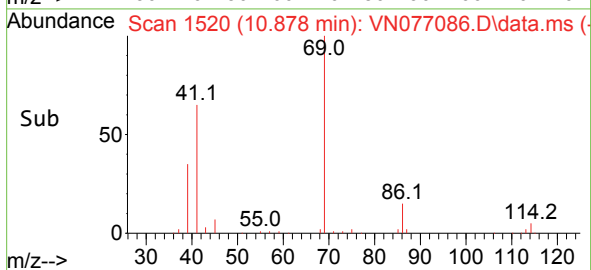
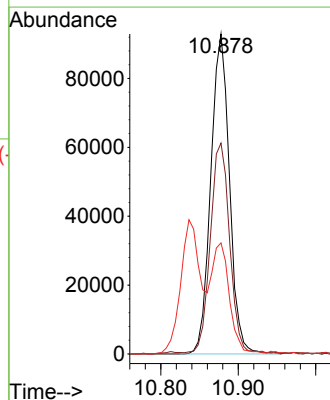
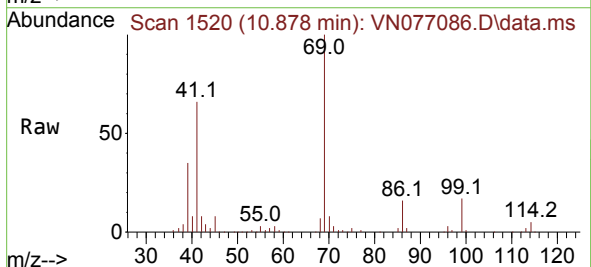
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

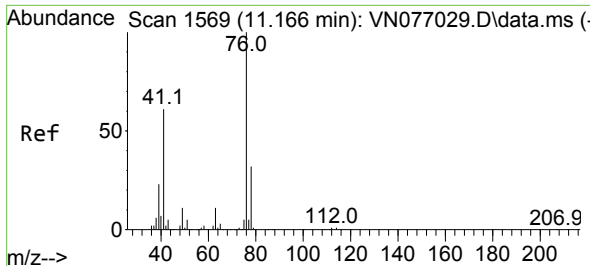
Tgt Ion:	97	Resp:	101184
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.5	105.7
85	56.4	45.4	68.2
99	60.9	51.4	77.0



#56
Ethyl methacrylate
Concen: 20.140 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion:	69	Resp:	155501
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.9	82.3
39	31.9	26.6	40.0





#57

1,3-Dichloropropane

Concen: 19.286 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

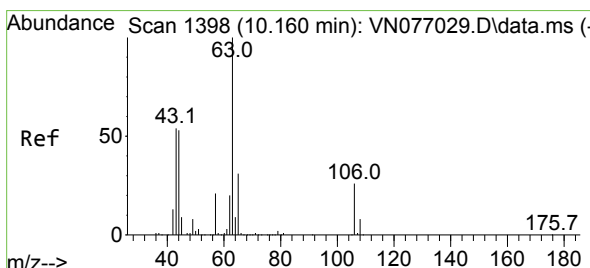
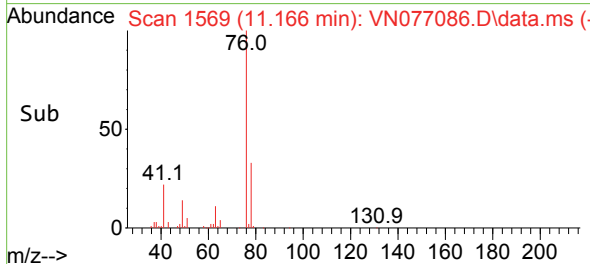
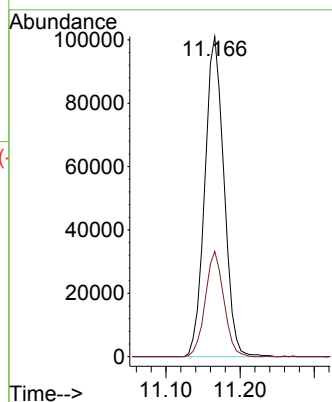
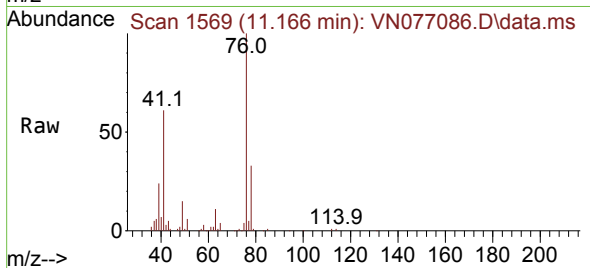
VN0321WBSD01

Tgt Ion: 76 Resp: 181305

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.182 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077086.D

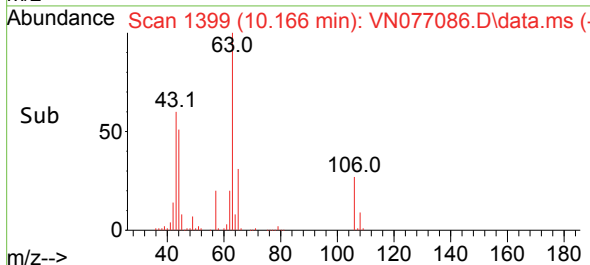
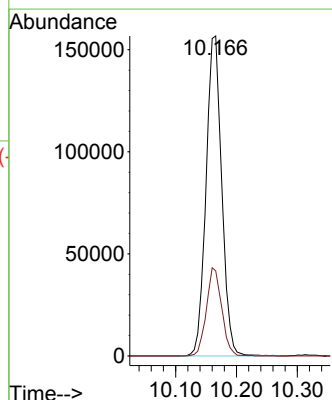
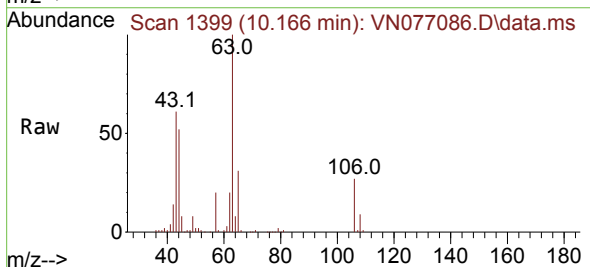
Acq: 21 Mar 2023 13:08

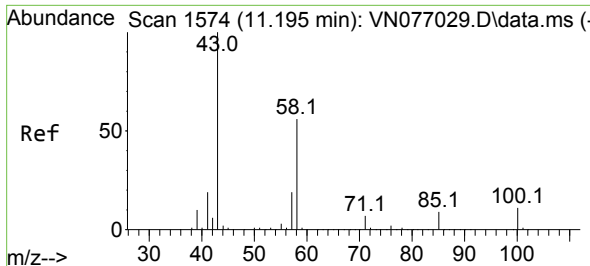
Tgt Ion: 63 Resp: 280394

Ion Ratio Lower Upper

63 100

106 26.9 20.6 31.0

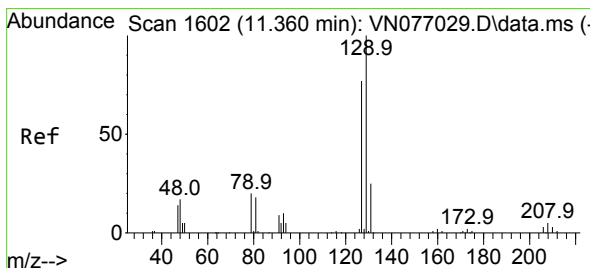
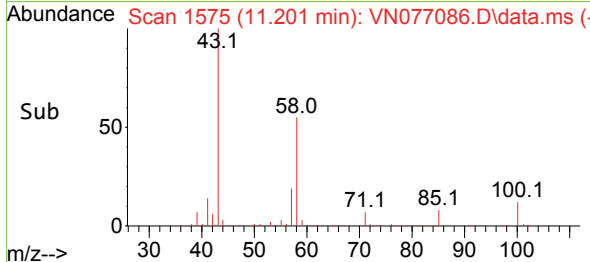
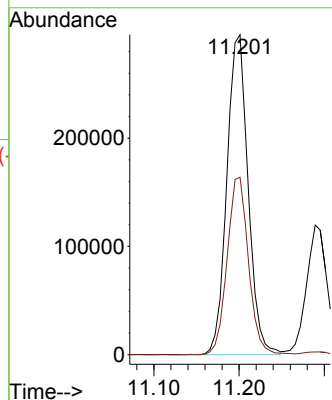
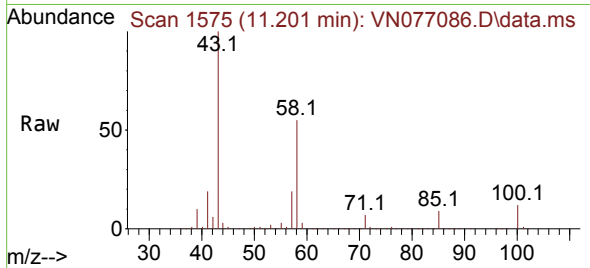




#59
2-Hexanone
Concen: 94.327 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

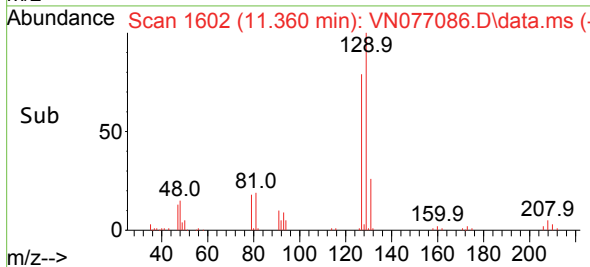
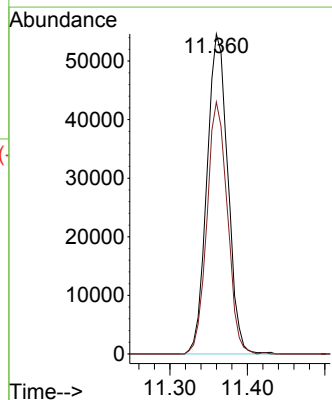
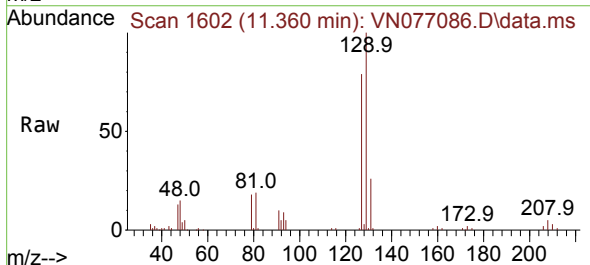
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

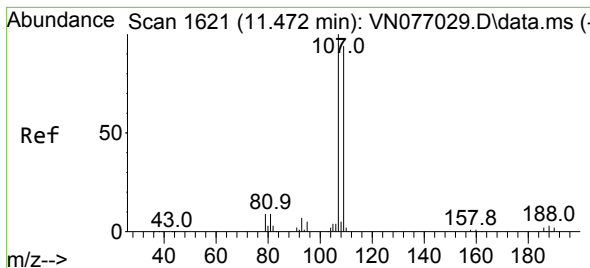
Tgt Ion: 43 Resp: 512059
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1



#60
Dibromochloromethane
Concen: 19.843 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 129 Resp: 102346
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.607 ug/l

RT: 11.472 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

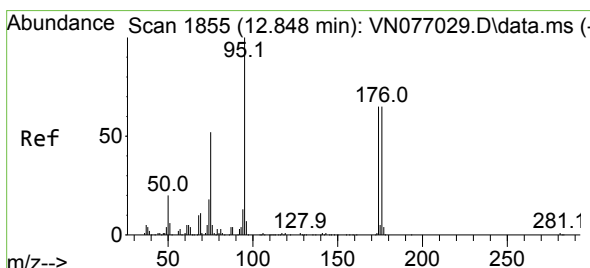
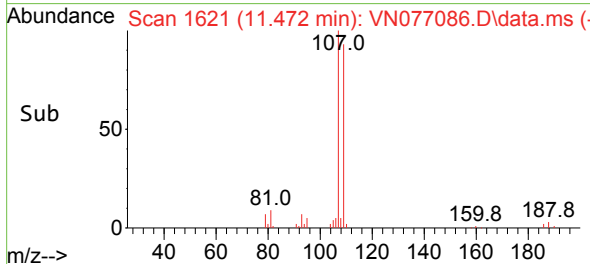
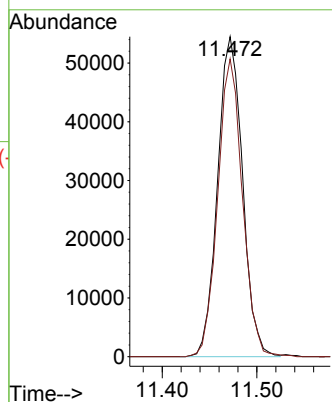
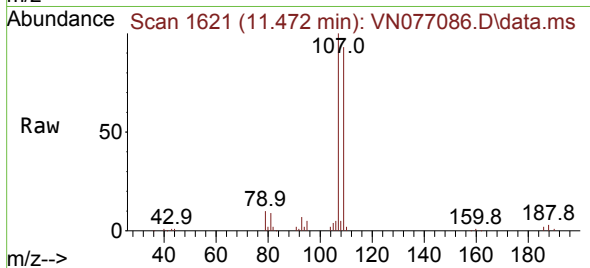
VN0321WBSD01

Tgt Ion:107 Resp: 99837

Ion Ratio Lower Upper

107 100

109 92.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.391 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

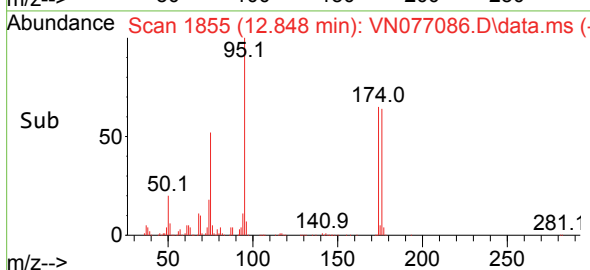
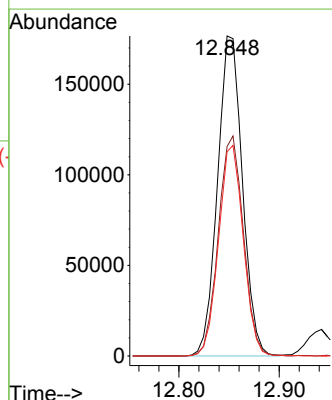
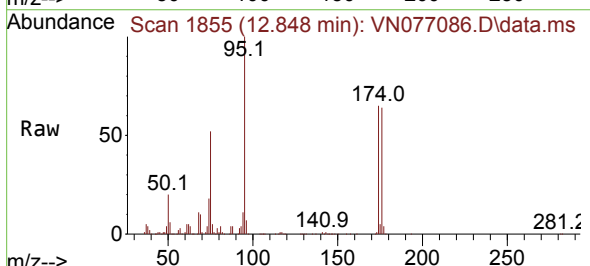
Tgt Ion: 95 Resp: 304457

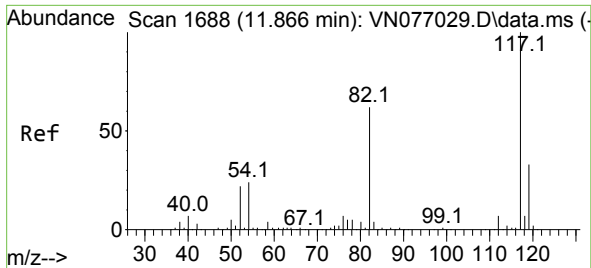
Ion Ratio Lower Upper

95 100

174 69.2 0.0 136.6

176 65.3 0.0 130.0

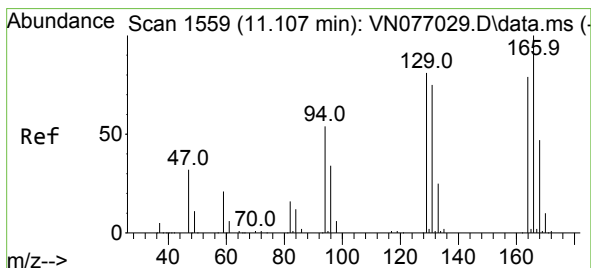
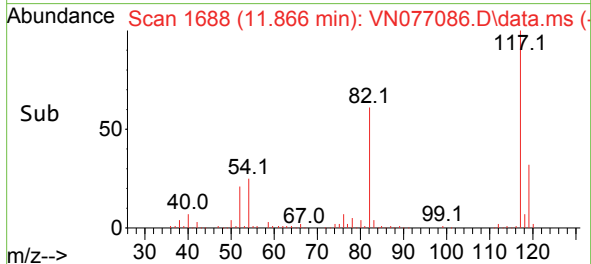
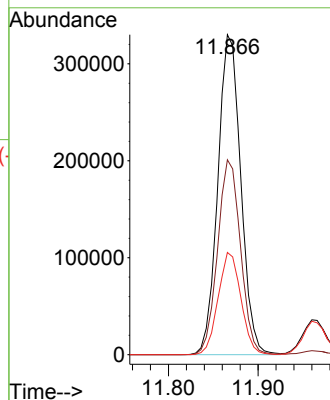
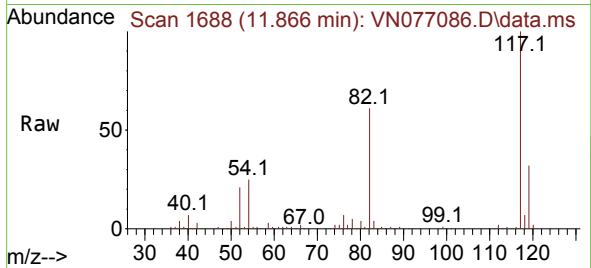




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

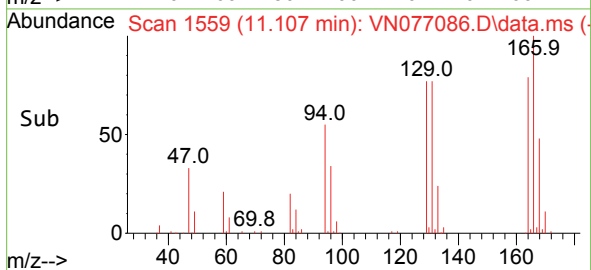
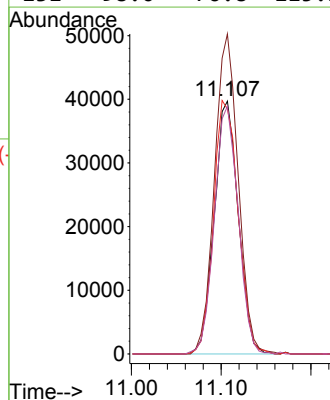
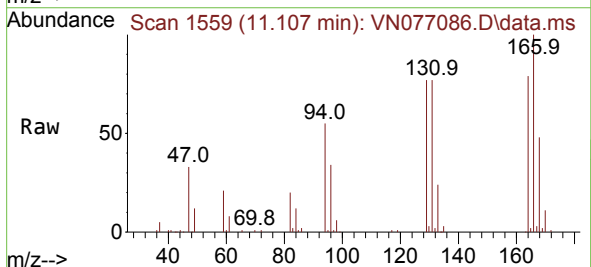
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

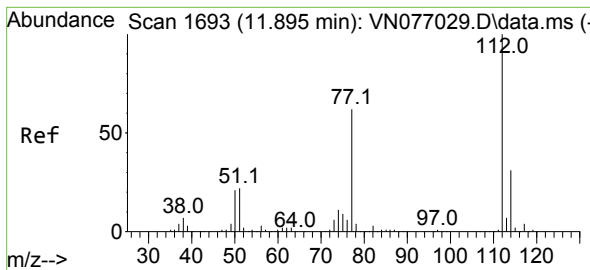
Tgt Ion:117 Resp: 586884
Ion Ratio Lower Upper
117 100
82 60.9 49.4 74.0
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 18.748 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion:164 Resp: 73846
Ion Ratio Lower Upper
164 100
166 126.5 101.9 152.9
129 96.9 82.6 123.8
131 98.0 76.8 115.2

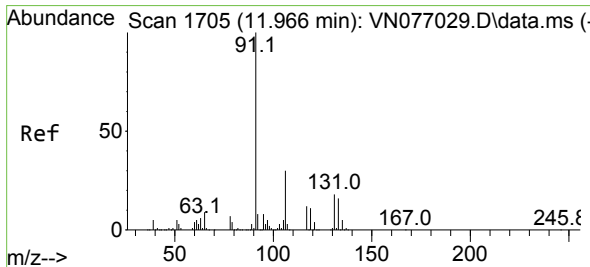
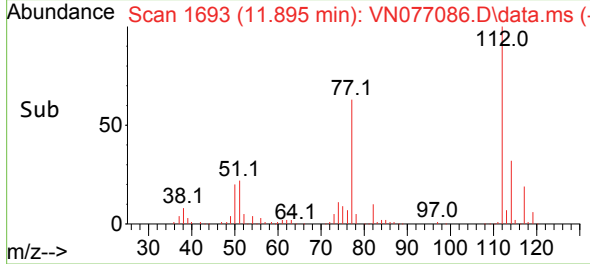
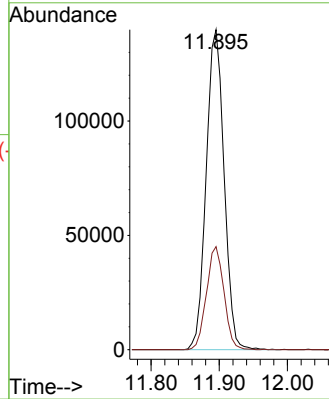
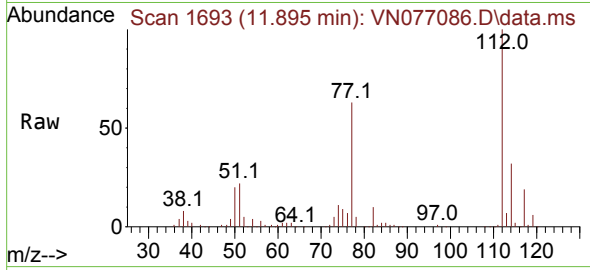




#65
Chlorobenzene
Concen: 18.925 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

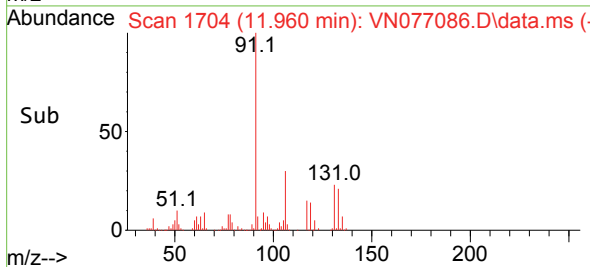
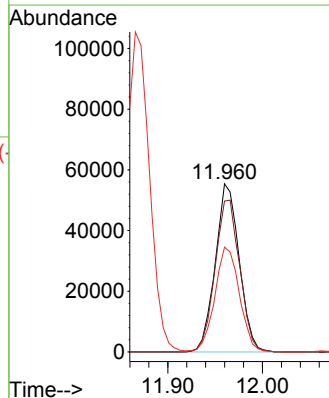
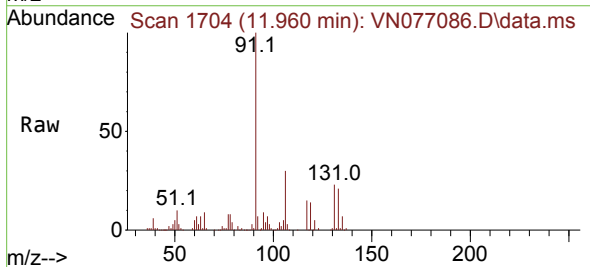
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

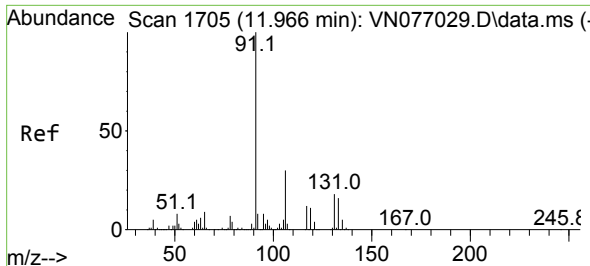
Tgt Ion:112 Resp: 255549
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.457 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion:131 Resp: 97217
Ion Ratio Lower Upper
131 100
133 93.2 46.8 140.3
119 64.3 32.6 97.8

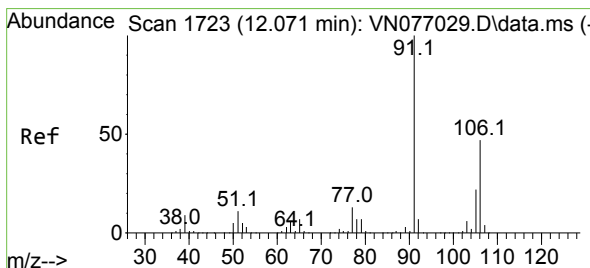
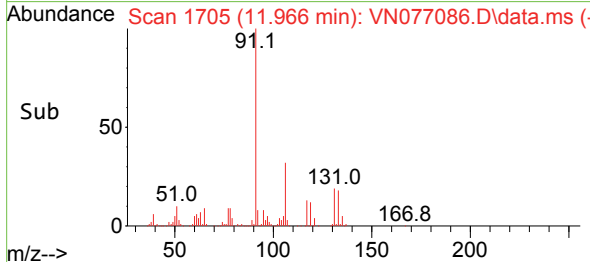
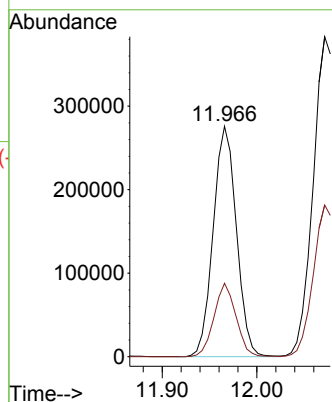
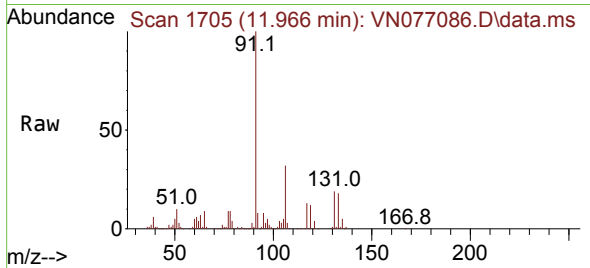




#67
Ethyl Benzene
Concen: 19.146 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

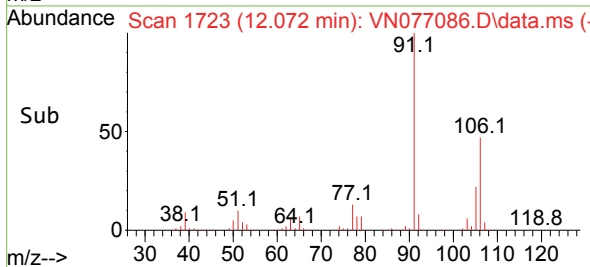
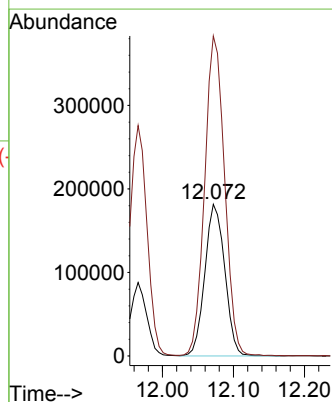
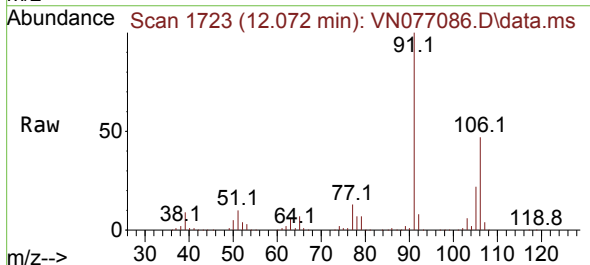
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

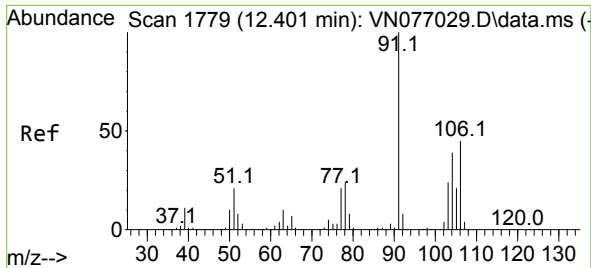
Tgt Ion: 91 Resp: 469596
Ion Ratio Lower Upper
91 100
106 31.9 24.3 36.5



#68
m/p-Xylenes
Concen: 39.046 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 106 Resp: 355176
Ion Ratio Lower Upper
106 100
91 210.7 168.0 252.0

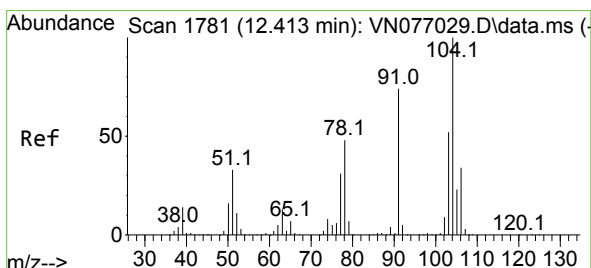
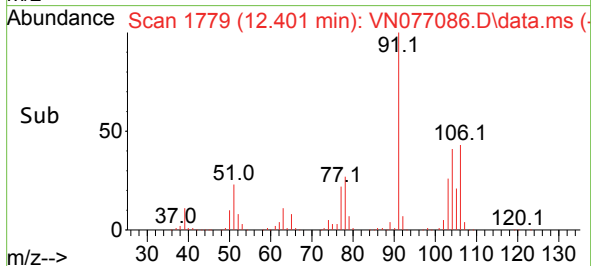
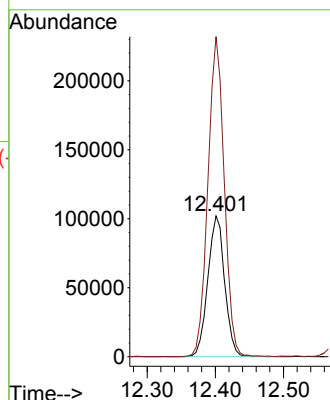
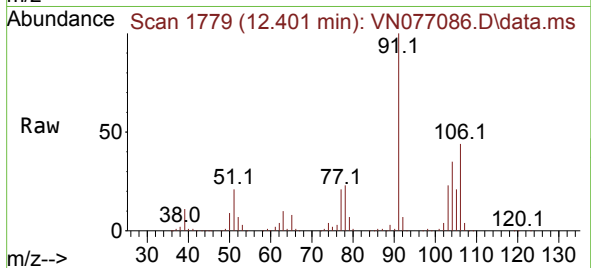




#69
o-Xylene
Concen: 19.368 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

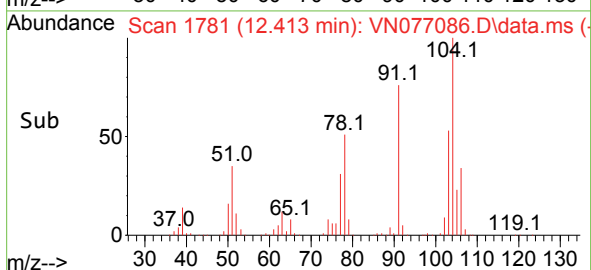
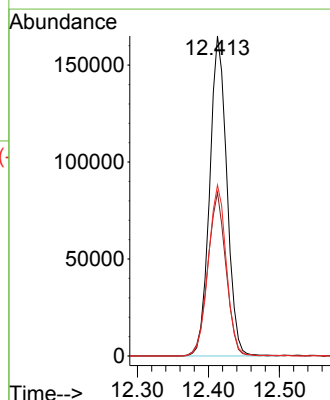
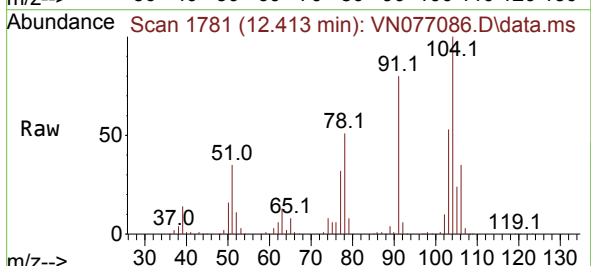
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

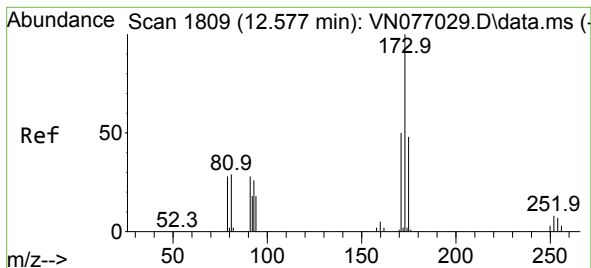
Tgt Ion:106 Resp: 175055
Ion Ratio Lower Upper
106 100
91 221.0 110.3 330.9



#70
Styrene
Concen: 19.745 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion:104 Resp: 277842
Ion Ratio Lower Upper
104 100
78 53.9 41.8 62.8
103 56.1 43.8 65.6





#71

Bromoform

Concen: 19.402 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

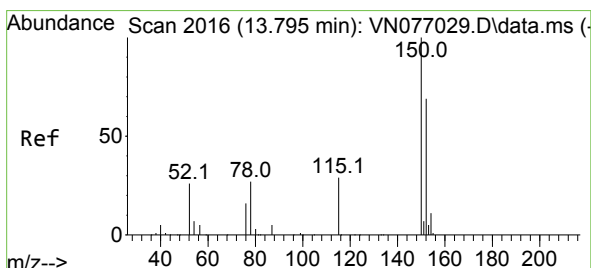
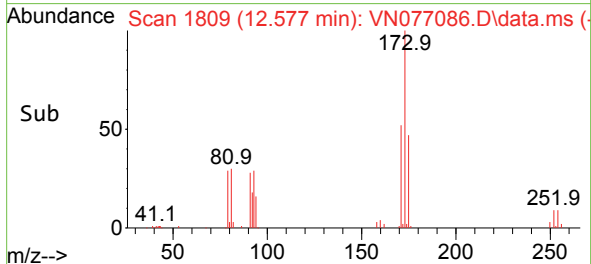
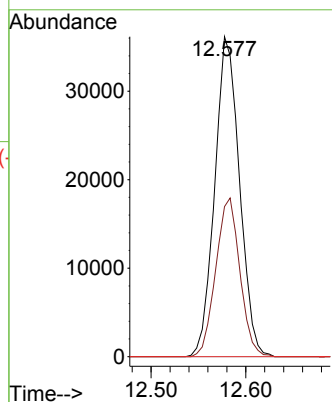
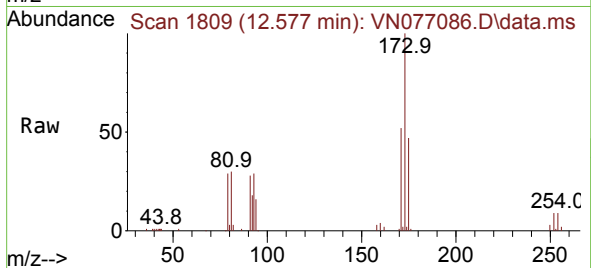
Tgt Ion:173 Resp: 65690

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

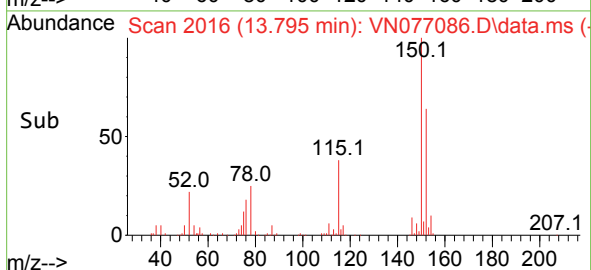
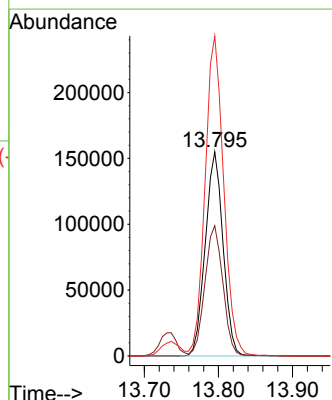
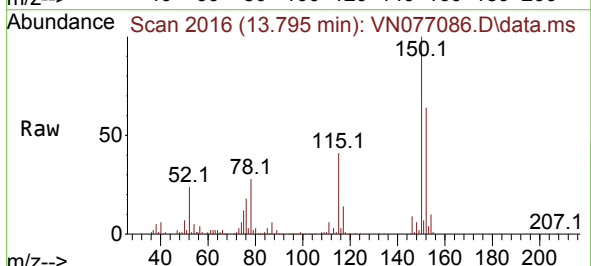
Tgt Ion:152 Resp: 258743

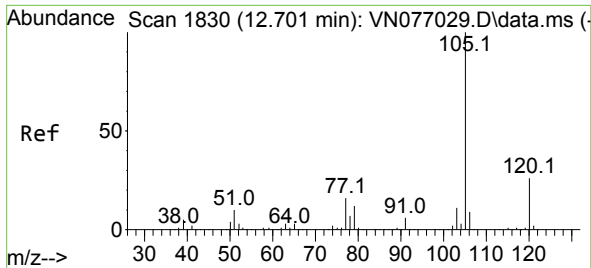
Ion Ratio Lower Upper

152 100

115 64.6 31.9 95.7

150 163.5 0.0 348.0

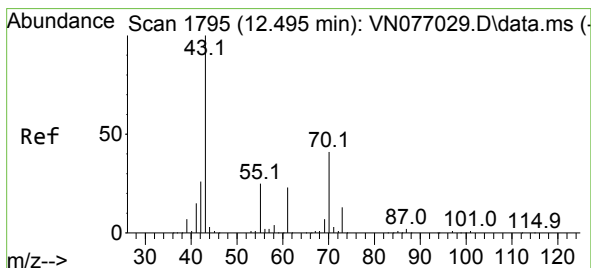
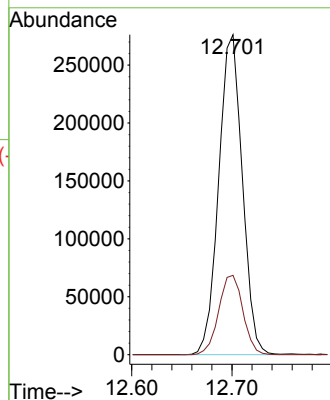
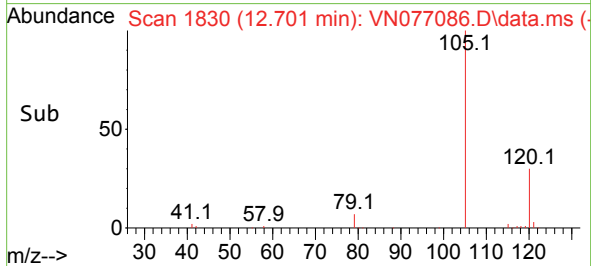
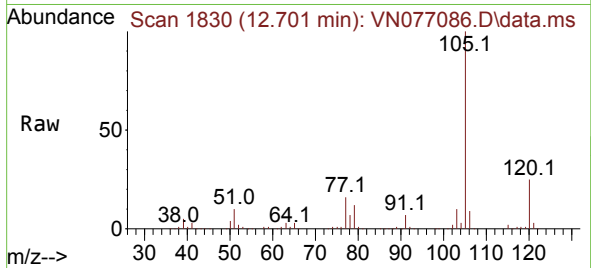




#73
Isopropylbenzene
Concen: 19.423 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

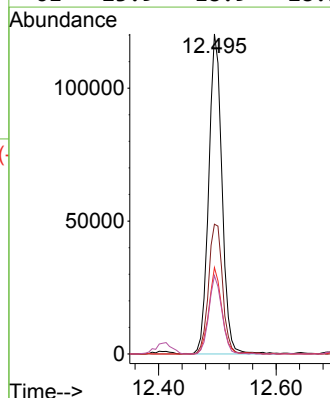
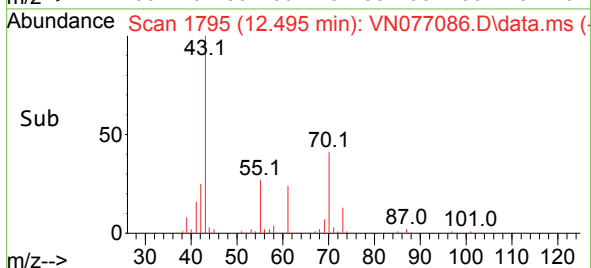
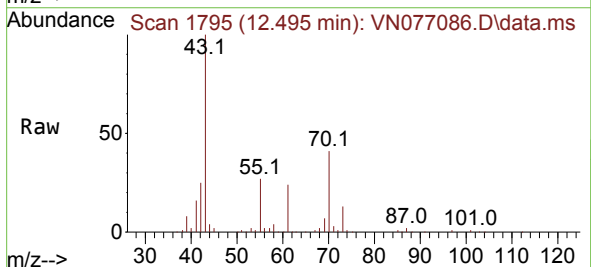
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

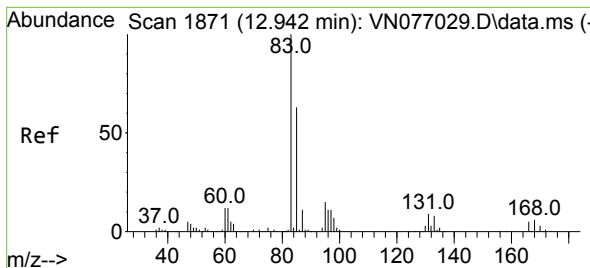
Tgt Ion:105 Resp: 450366
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4



#74
N-ethyl acetate
Concen: 18.834 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 43 Resp: 189024
Ion Ratio Lower Upper
43 100
70 43.0 33.6 50.4
55 26.0 20.3 30.5
61 23.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.033 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

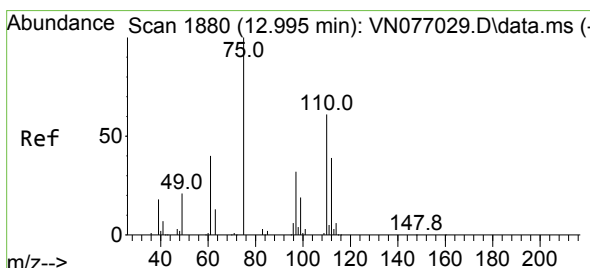
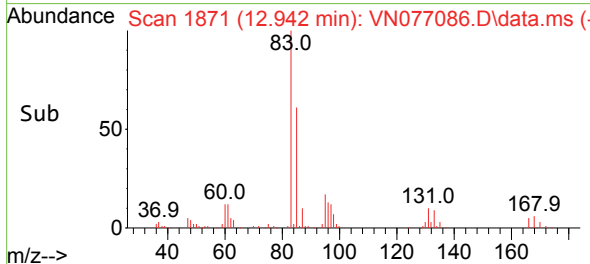
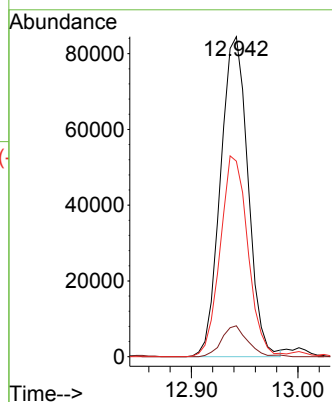
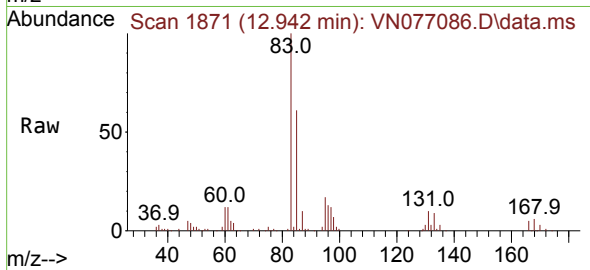
Tgt Ion: 83 Resp: 151489

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

85 63.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 27.190 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077086.D

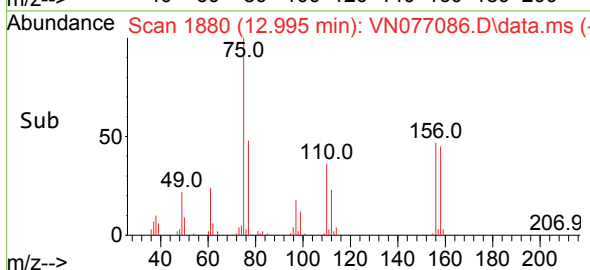
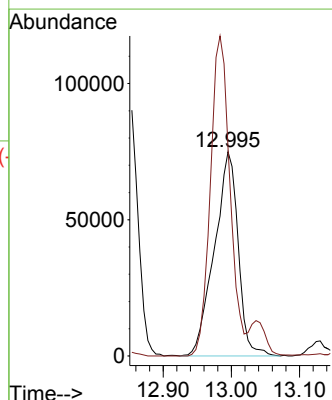
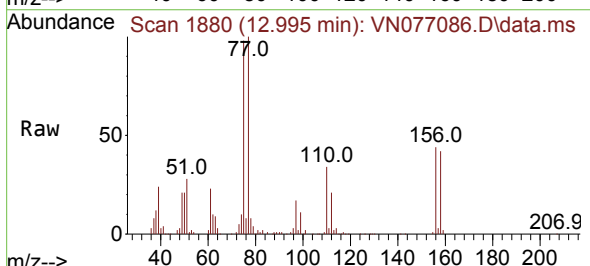
Acq: 21 Mar 2023 13:08

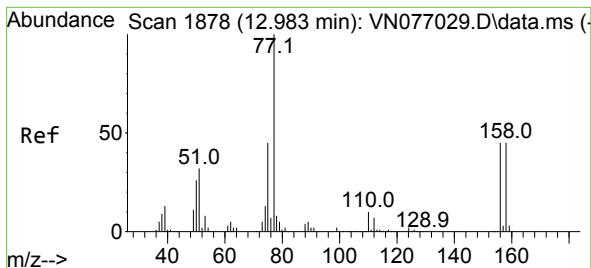
Tgt Ion: 75 Resp: 181976

Ion Ratio Lower Upper

75 100

77 130.1 107.3 322.0





#77

Bromobenzene

Concen: 19.045 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

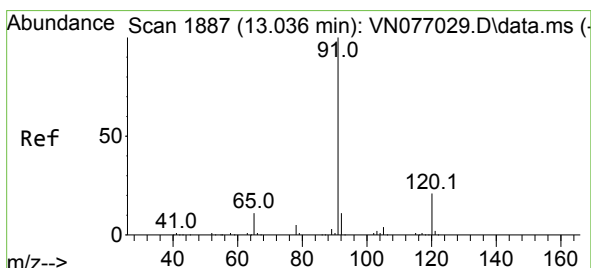
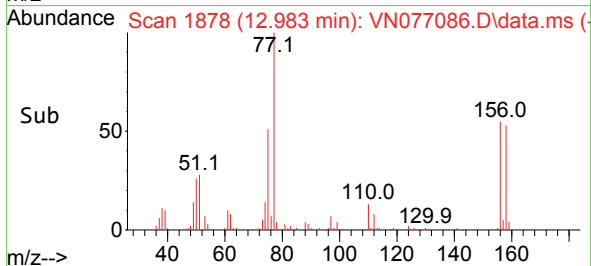
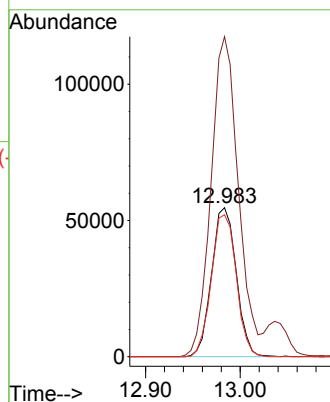
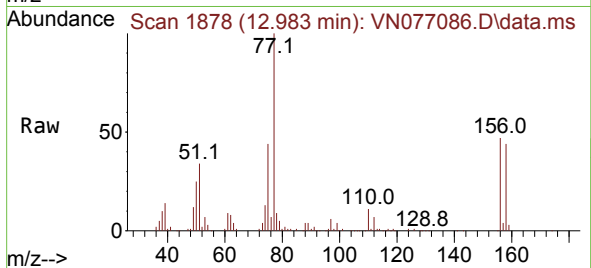
Tgt Ion:156 Resp: 98925

Ion Ratio Lower Upper

156 100

77 239.3 124.8 374.3

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 19.775 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077086.D

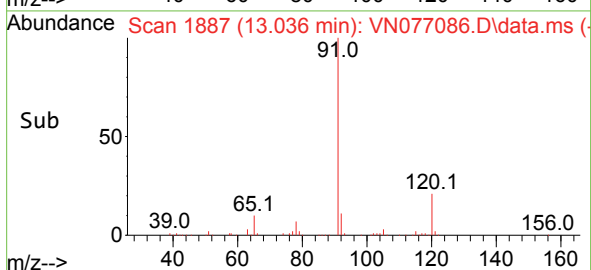
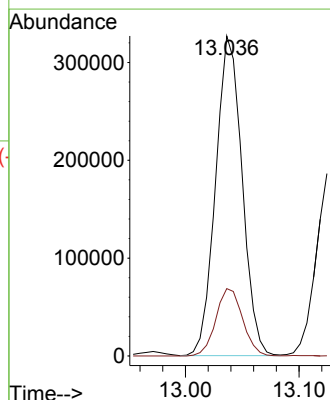
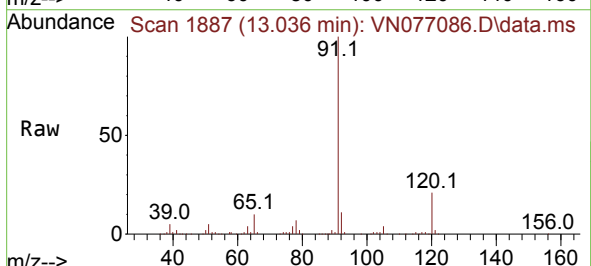
Acq: 21 Mar 2023 13:08

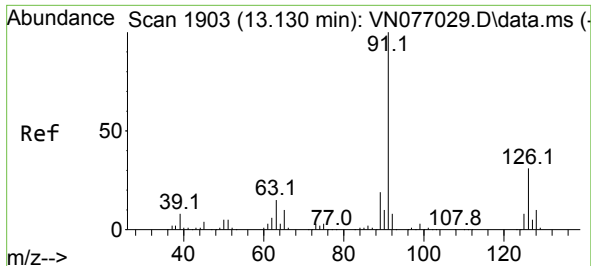
Tgt Ion: 91 Resp: 529339

Ion Ratio Lower Upper

91 100

120 21.3 10.8 32.3

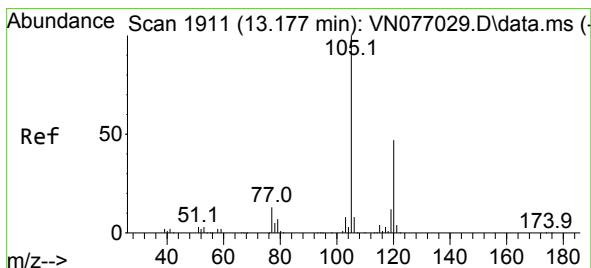
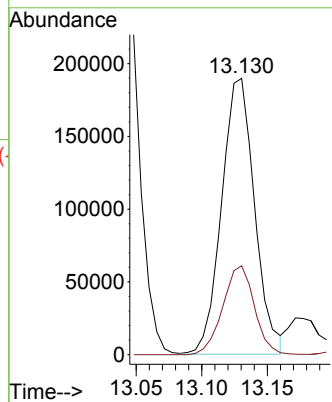
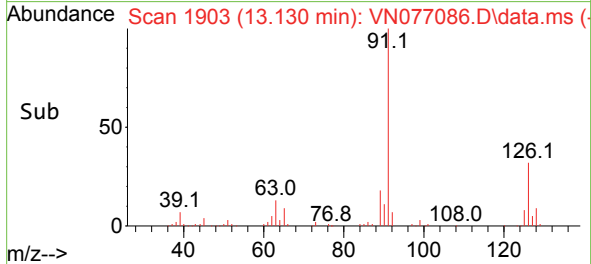
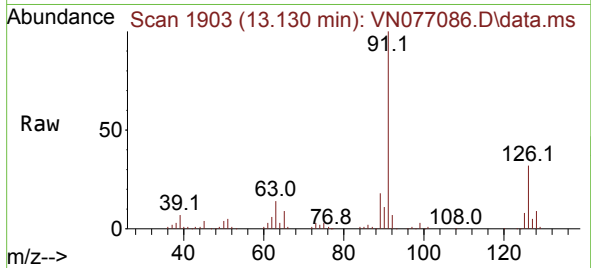




#79
2-Chlorotoluene
Concen: 19.429 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

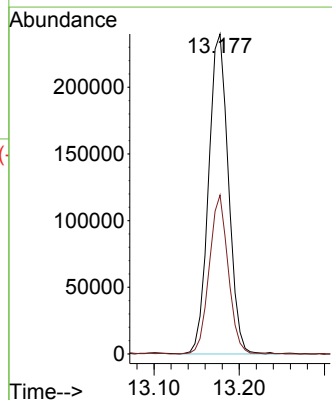
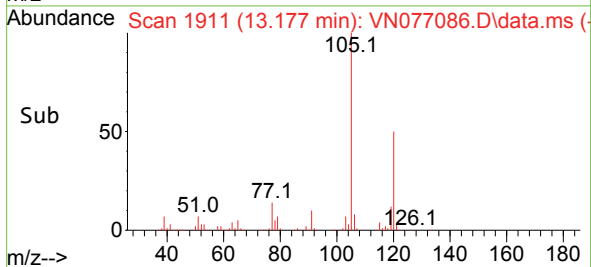
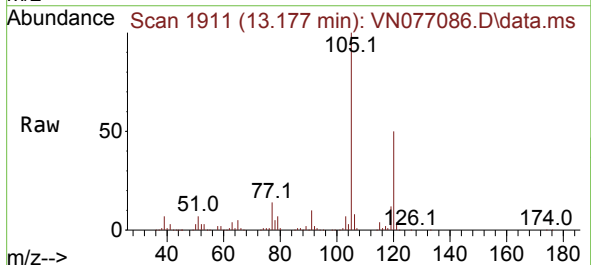
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

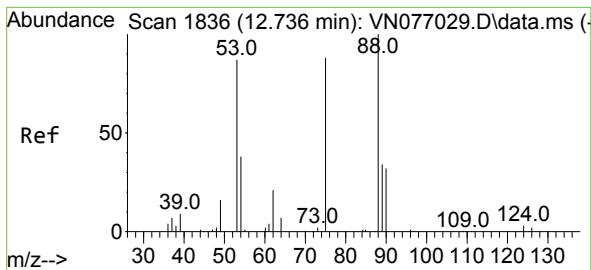
Tgt Ion: 91 Resp: 331392
Ion Ratio Lower Upper
91 100
126 30.9 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 20.024 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 105 Resp: 387649
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.2

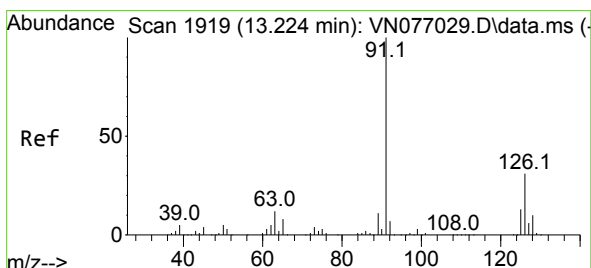
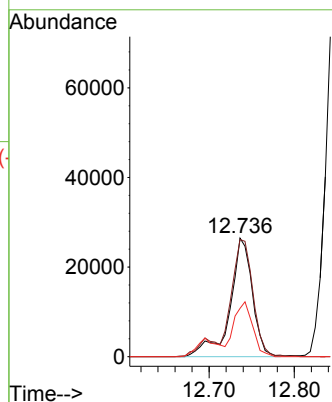
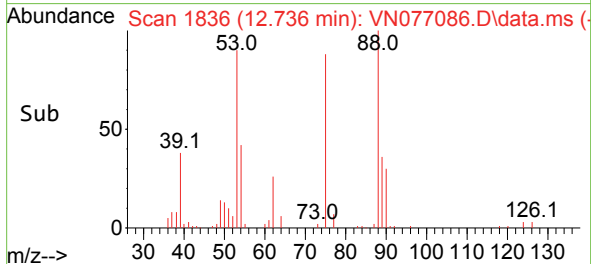
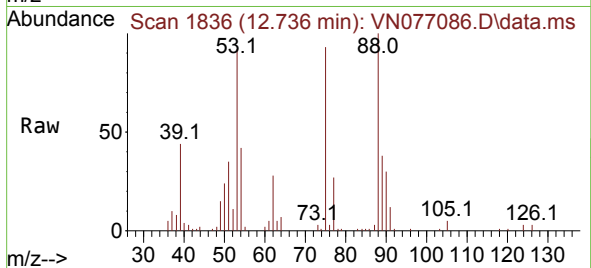




#81
trans-1,4-Dichloro-2-butene
Concen: 19.773 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

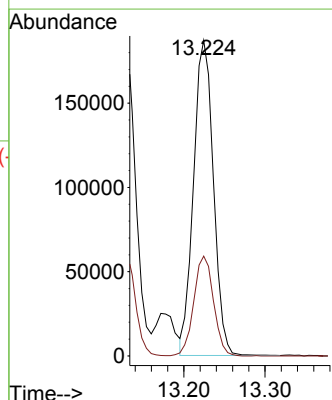
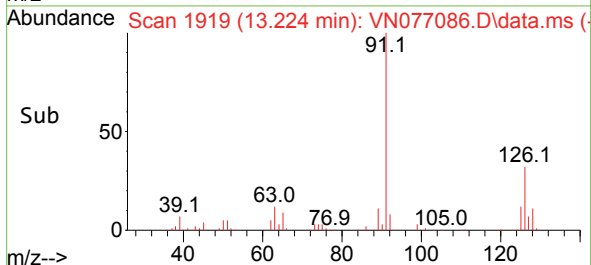
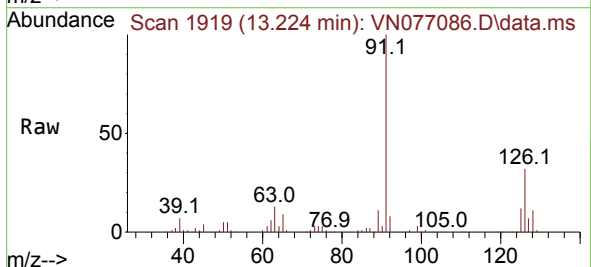
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

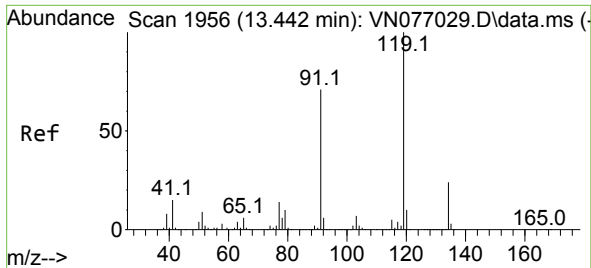
Tgt Ion: 75 Resp: 48078
Ion Ratio Lower Upper
75 100
53 93.7 80.8 121.2
89 38.7 34.2 51.4



#82
4-Chlorotoluene
Concen: 19.597 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 91 Resp: 317855
Ion Ratio Lower Upper
91 100
126 31.6 15.5 46.5

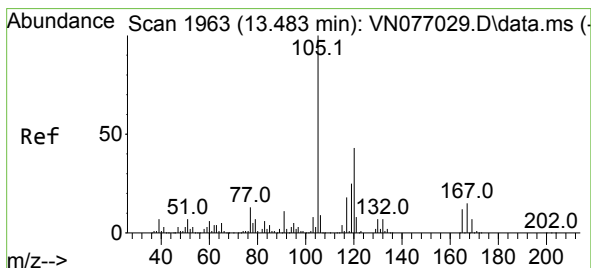
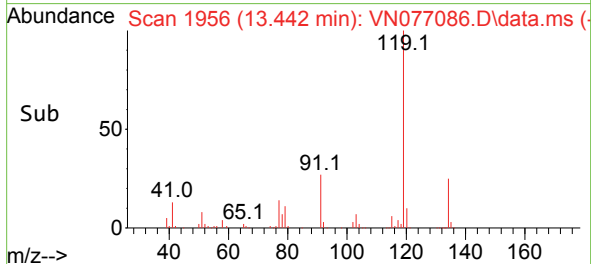
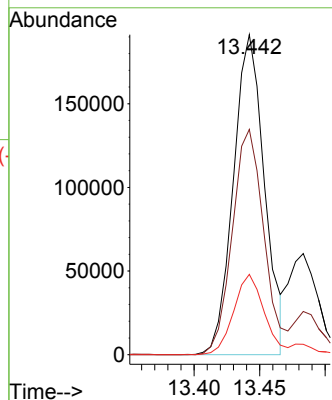
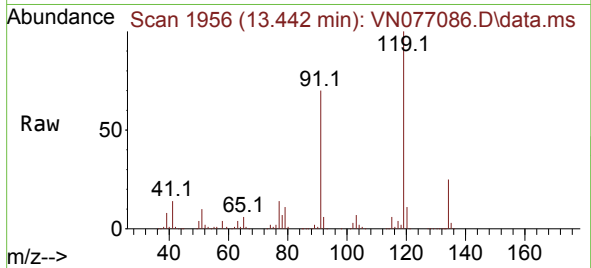




#83
tert-Butylbenzene
Concen: 19.440 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

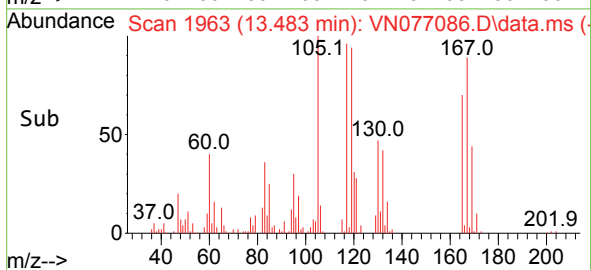
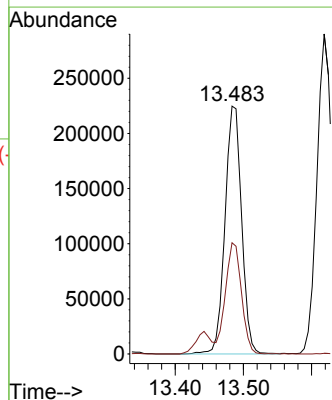
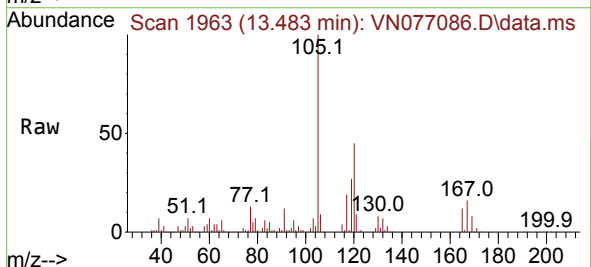
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

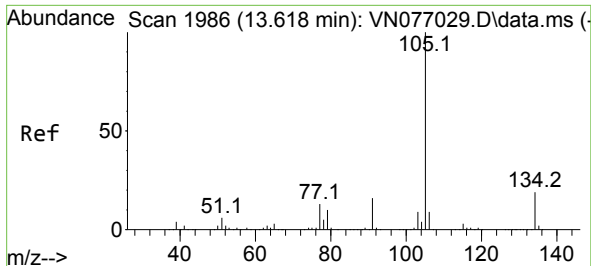
Tgt Ion:119 Resp: 315980
Ion Ratio Lower Upper
119 100
91 72.1 35.8 107.3
134 24.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 19.736 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion:105 Resp: 381282
Ion Ratio Lower Upper
105 100
120 43.1 21.8 65.3

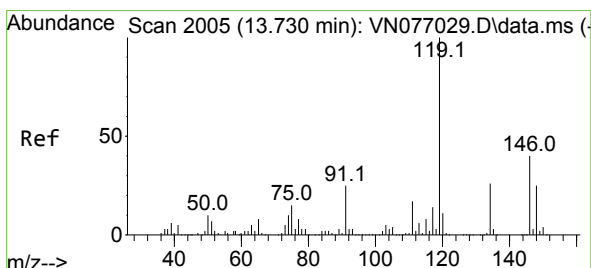
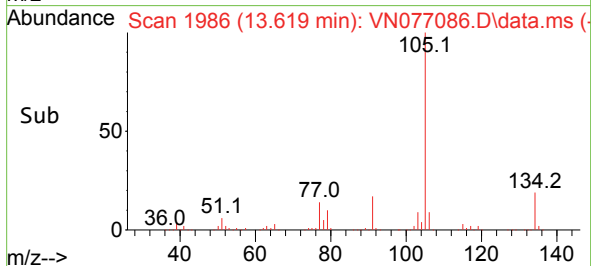
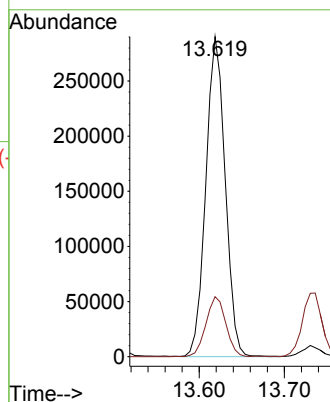
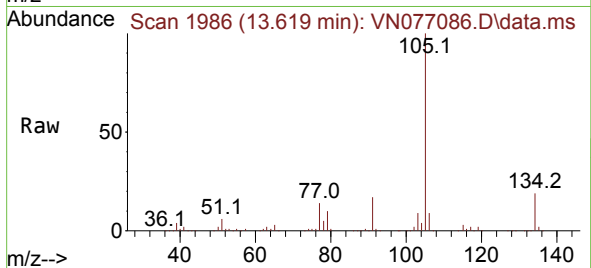




#85
 sec-Butylbenzene
 Concen: 19.809 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

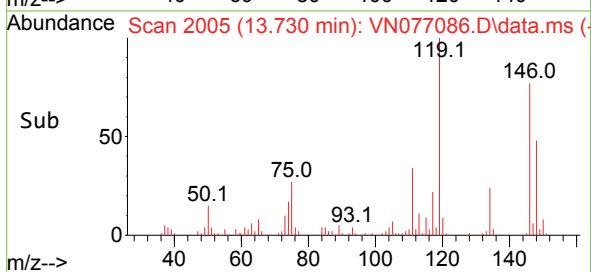
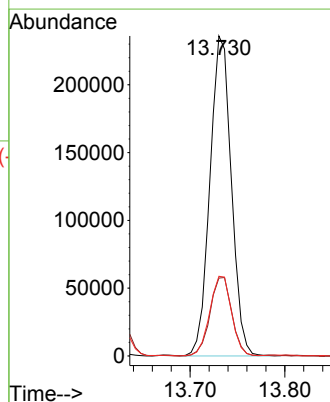
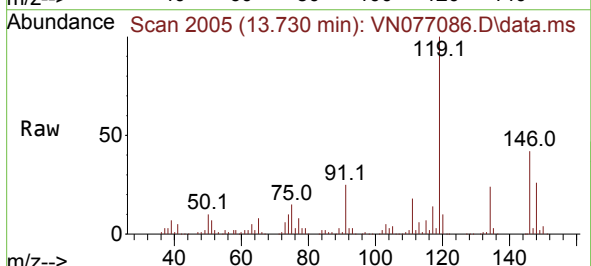
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

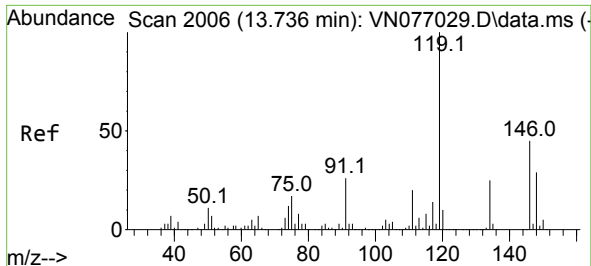
Tgt Ion:105 Resp: 458018
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 20.002 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

Tgt Ion:119 Resp: 371394
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.4
 91 25.4 12.7 38.1

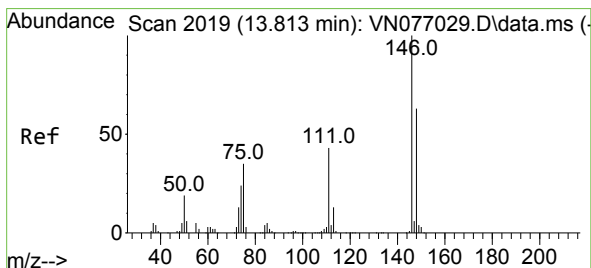
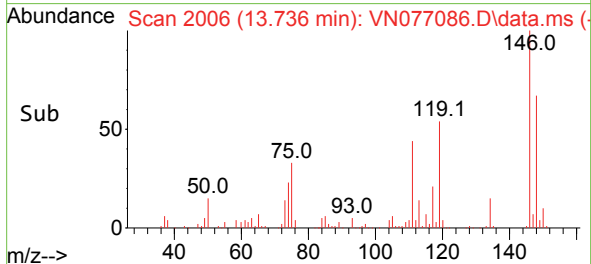
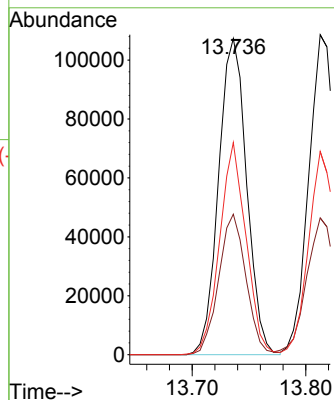
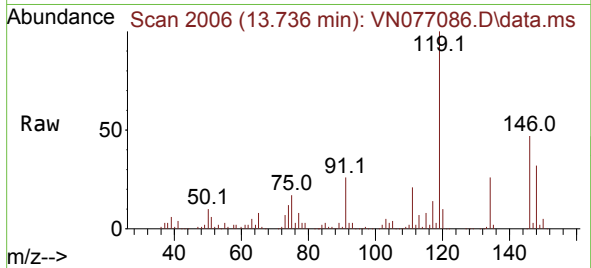




#87
 1,3-Dichlorobenzene
 Concen: 18.775 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

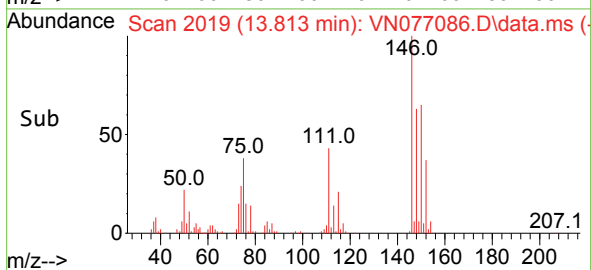
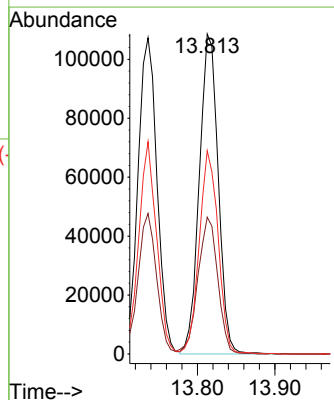
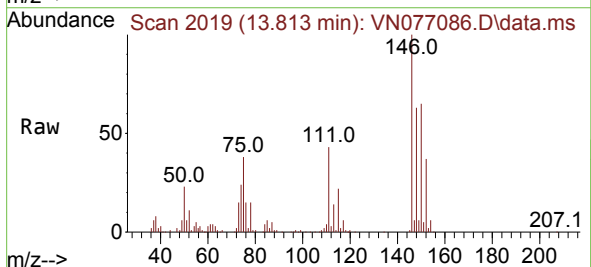
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

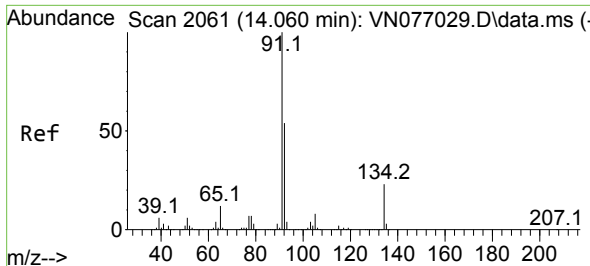
Tgt Ion:146 Resp: 184320
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.9 65.5
 148 63.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.831 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077086.D
 Acq: 21 Mar 2023 13:08

Tgt Ion:146 Resp: 183936
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.5 64.5
 148 63.6 31.9 95.9

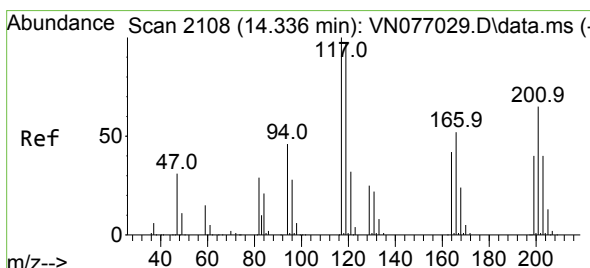
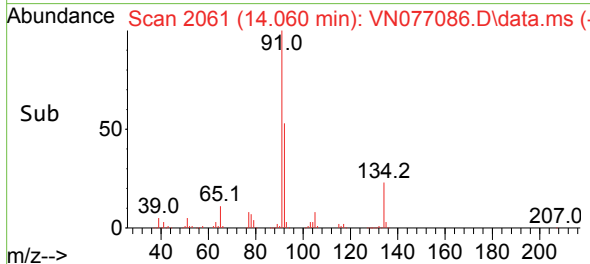
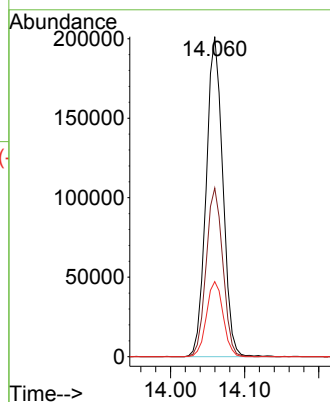
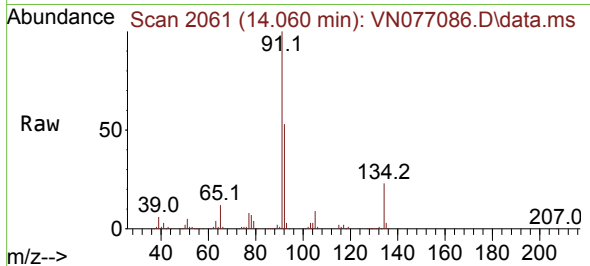




#89
n-Butylbenzene
Concen: 19.241 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

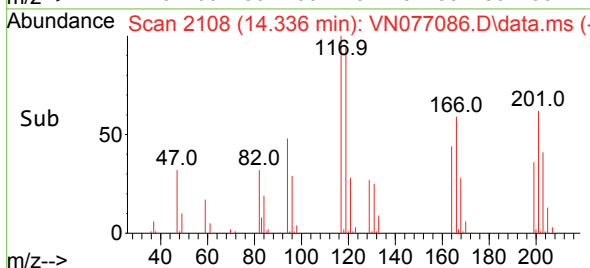
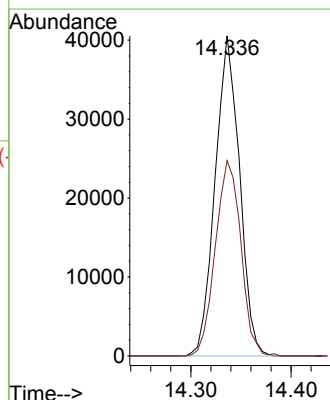
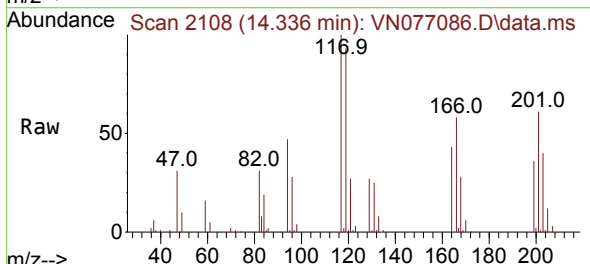
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

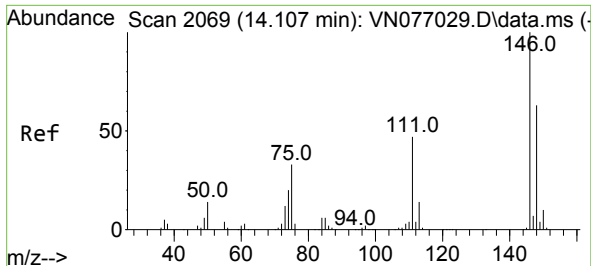
Tgt Ion: 91 Resp: 313424
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 23.6 11.7 35.1



#90
Hexachloroethane
Concen: 18.133 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 117 Resp: 68457
Ion Ratio Lower Upper
117 100
201 63.8 32.5 97.4

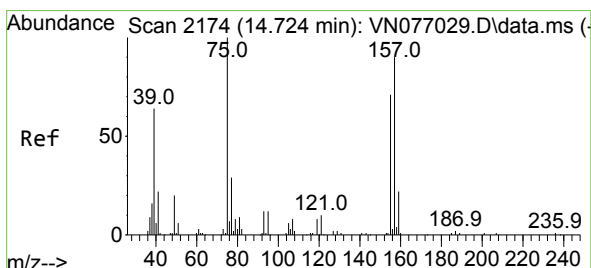
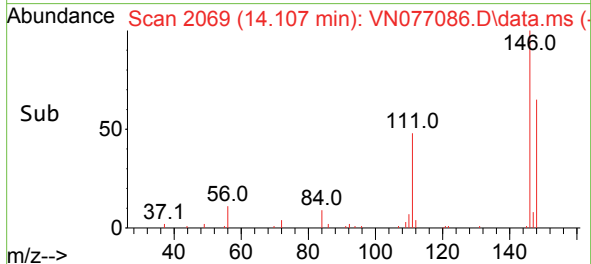
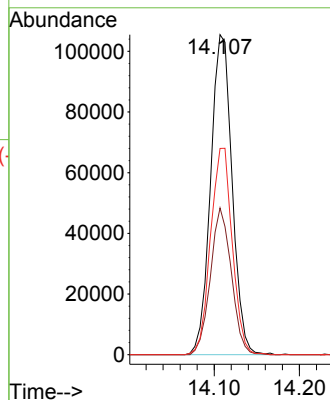
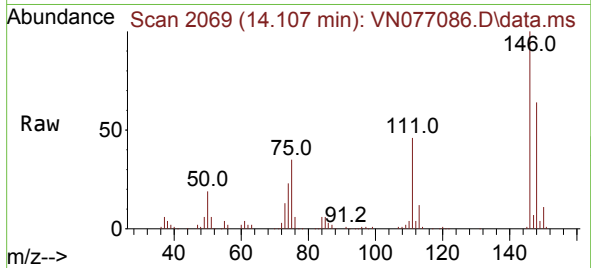




#91
1,2-Dichlorobenzene
Concen: 18.869 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

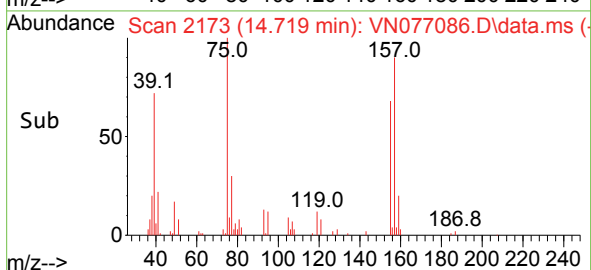
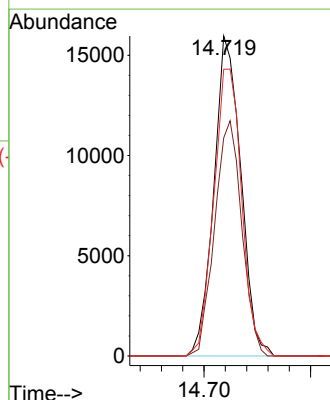
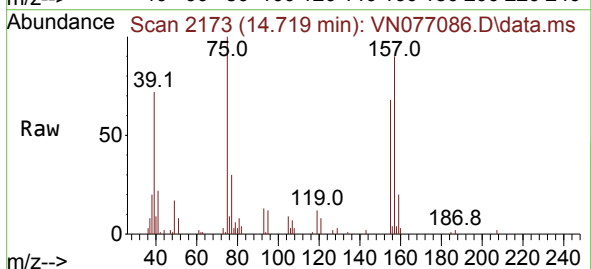
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

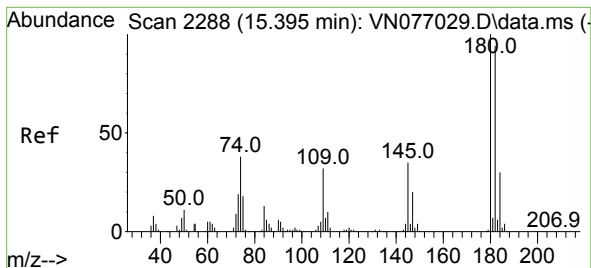
Tgt Ion:146 Resp: 184645
Ion Ratio Lower Upper
146 100
111 44.7 22.6 67.7
148 65.2 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.009 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion: 75 Resp: 28033
Ion Ratio Lower Upper
75 100
155 74.1 36.1 108.3
157 92.8 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 19.783 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

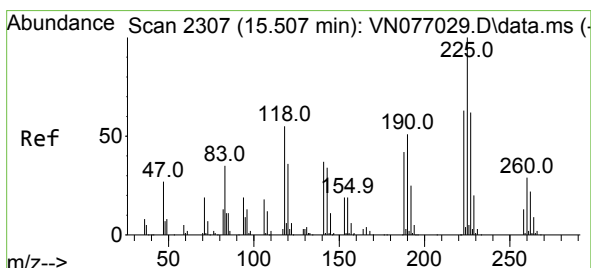
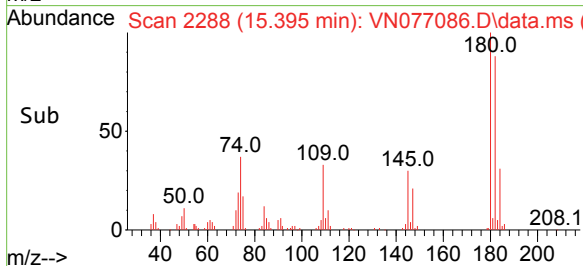
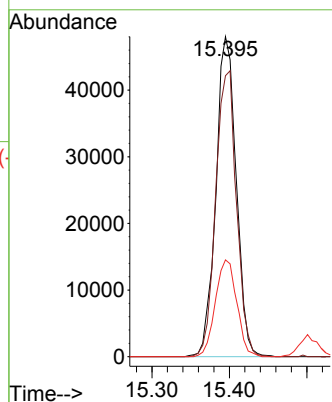
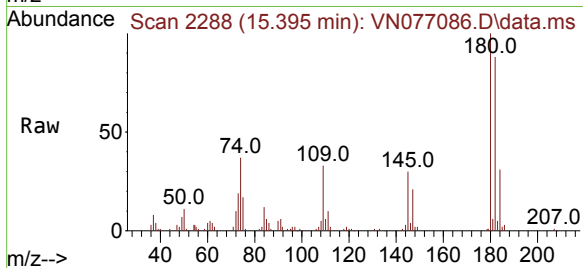
Tgt Ion:180 Resp: 87515

Ion Ratio Lower Upper

180 100

182 91.3 47.3 141.9

145 31.9 16.9 50.7



#94

Hexachlorobutadiene

Concen: 19.151 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077086.D

Acq: 21 Mar 2023 13:08

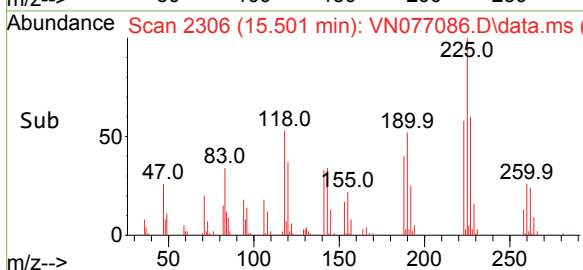
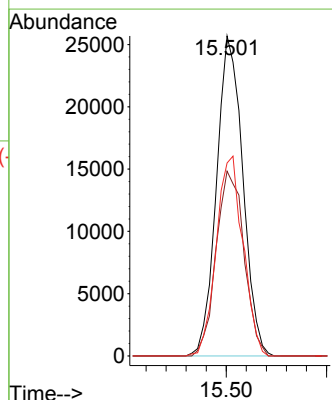
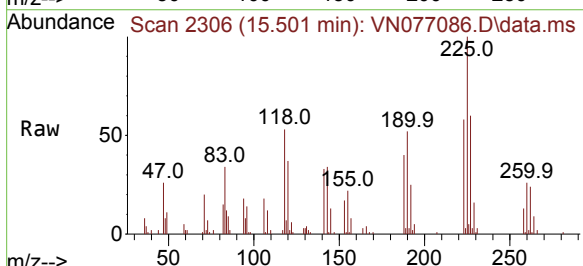
Tgt Ion:225 Resp: 46657

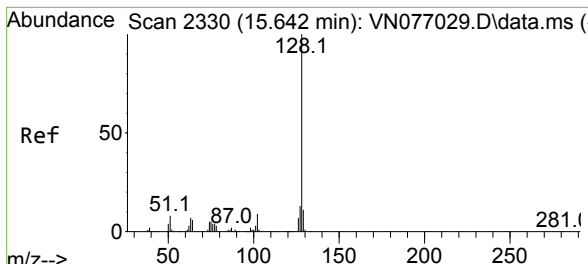
Ion Ratio Lower Upper

225 100

223 61.3 31.6 95.0

227 63.5 31.3 93.8

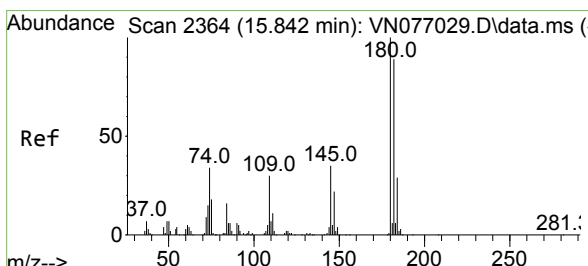
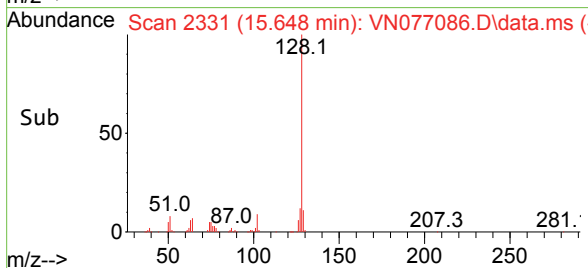
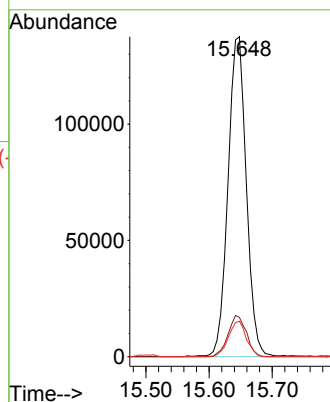
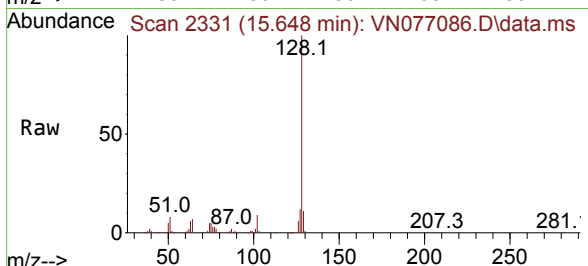




#95
Naphthalene
Concen: 17.414 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:	128	Resp:	277085
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.525 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077086.D
Acq: 21 Mar 2023 13:08

Tgt Ion:	180	Resp:	86666
Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.4	142.2
145	33.8	17.9	53.8

