

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077099.D
 Acq On : 22 Mar 2023 11:40
 Operator : JC\MD
 Sample : VN0322WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBS01

Quant Time: Mar 22 23:20:02 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	350348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	635840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	563927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	245548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	300984	53.784	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.560%	
35) Dibromofluoromethane	8.172	113	219763	49.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.700%	
50) Toluene-d8	10.572	98	821787	51.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.848	95	290907	51.756	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	47176	13.386	ug/l	99
3) Chloromethane	2.372	50	43023	12.188	ug/l	97
4) Vinyl Chloride	2.531	62	61946	16.258	ug/l	94
5) Bromomethane	2.966	94	49318	19.163	ug/l	95
6) Chloroethane	3.131	64	52394	21.732	ug/l	96
7) Trichlorofluoromethane	3.513	101	161937	19.756	ug/l	95
8) Diethyl Ether	3.972	74	63042	20.436	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	92794	19.957	ug/l	99
10) Methyl Iodide	4.601	142	95881	18.308	ug/l	98
11) Tert butyl alcohol	5.537	59	77654	95.227	ug/l	99
12) 1,1-Dichloroethene	4.354	96	83829	19.708	ug/l	98
13) Acrolein	4.190	56	98215	97.376	ug/l	99
14) Allyl chloride	5.037	41	168079	21.585	ug/l	95
15) Acrylonitrile	5.731	53	264018	96.307	ug/l	98
16) Acetone	4.443	43	248352	99.598	ug/l	99
17) Carbon Disulfide	4.725	76	218475	17.615	ug/l #	94
18) Methyl Acetate	5.037	43	183486	19.514	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	304945	19.976	ug/l	95
20) Methylene Chloride	5.296	84	105897	19.568	ug/l	94
21) trans-1,2-Dichloroethene	5.801	96	87636	19.009	ug/l	98
22) Diisopropyl ether	6.684	45	358892	21.036	ug/l	99
23) Vinyl Acetate	6.613	43	1073521	99.713	ug/l	99
24) 1,1-Dichloroethane	6.578	63	192645	19.733	ug/l	99
25) 2-Butanone	7.489	43	348067	95.421	ug/l	99
26) 2,2-Dichloropropane	7.495	77	146054	19.883	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	103859	19.670	ug/l	97
28) Bromochloromethane	7.813	49	84835	20.010	ug/l	95
29) Tetrahydrofuran	7.848	42	226403	95.782	ug/l	98
30) Chloroform	7.972	83	190056	20.057	ug/l	96
31) Cyclohexane	8.260	56	170736	18.647	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	159453	19.689	ug/l	98
36) 1,1-Dichloropropene	8.378	75	135738	19.517	ug/l	98
37) Ethyl Acetate	7.566	43	144236	19.383	ug/l	98
38) Carbon Tetrachloride	8.366	117	133637	19.727	ug/l	98
39) Methylcyclohexane	9.607	83	156720	19.251	ug/l	96
40) Benzene	8.613	78	408206	19.353	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	81433	20.314	ug/l	97
42) 1,2-Dichloroethane	8.678	62	153665	20.161	ug/l	100
43) Isopropyl Acetate	8.689	43	228243	19.635	ug/l	98
44) Trichloroethene	9.354	130	87920	18.147	ug/l	98
45) 1,2-Dichloropropane	9.625	63	111452	19.895	ug/l	93
46) Dibromomethane	9.713	93	68550	19.402	ug/l	97
47) Bromodichloromethane	9.889	83	145518	19.638	ug/l	98
48) Methyl methacrylate	9.683	41	110998	19.973	ug/l	97
49) 1,4-Dioxane	9.701	88	35139	370.202	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	717793	99.158	ug/l	99
52) Toluene	10.630	92	249341	19.798	ug/l	100
53) t-1,3-Dichloropropene	10.842	75	146320	20.147	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	164227	20.041	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	98891	19.913	ug/l	98
56) Ethyl methacrylate	10.878	69	146217	19.580	ug/l	95
57) 1,3-Dichloropropane	11.166	76	175469	19.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	272845	85.700	ug/l	99
59) 2-Hexanone	11.195	43	514406	97.973	ug/l	96
60) Dibromochloromethane	11.360	129	98682	19.782	ug/l	99
61) 1,2-Dibromoethane	11.472	107	93303	18.946	ug/l	98
64) Tetrachloroethene	11.107	164	68529	18.107	ug/l	98
65) Chlorobenzene	11.895	112	245988	18.958	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	92298	19.224	ug/l	99
67) Ethyl Benzene	11.966	91	467147	19.821	ug/l	99
68) m/p-Xylenes	12.077	106	349074	39.937	ug/l	100
69) o-Xylene	12.401	106	169618	19.530	ug/l	99
70) Styrene	12.413	104	276814	20.472	ug/l	99
71) Bromoform	12.583	173	60918	18.725	ug/l #	99
73) Isopropylbenzene	12.701	105	438325	19.919	ug/l	99
74) N-amyl acetate	12.495	43	194248	20.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	145164	18.209	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	180093	28.355	ug/l	46
77) Bromobenzene	12.983	156	94114	19.092	ug/l	99
78) n-propylbenzene	13.042	91	526398	20.722	ug/l	99
79) 2-Chlorotoluene	13.130	91	324177	20.028	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	386845	21.056	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	40883	17.718	ug/l #	81
82) 4-Chlorotoluene	13.224	91	317382	20.620	ug/l	99
83) tert-Butylbenzene	13.442	119	310059	20.100	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	379579	20.703	ug/l	99
85) sec-Butylbenzene	13.618	105	452219	20.609	ug/l	99
86) p-Isopropyltoluene	13.730	119	364827	20.704	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	173309	18.602	ug/l	99
88) 1,4-Dichlorobenzene	13.819	146	173834	18.754	ug/l	99
89) n-Butylbenzene	14.060	91	308525	19.958	ug/l	100
90) Hexachloroethane	14.336	117	68872	19.224	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	176431	18.998	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	26210	17.743	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	77867	18.548	ug/l	98
94) Hexachlorobutadiene	15.501	225	42775	18.501	ug/l	99
95) Naphthalene	15.642	128	249119	16.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	75696	17.970	ug/l	99

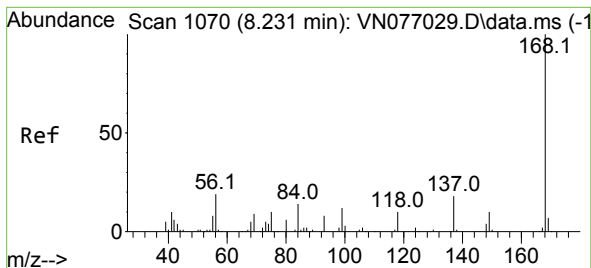
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

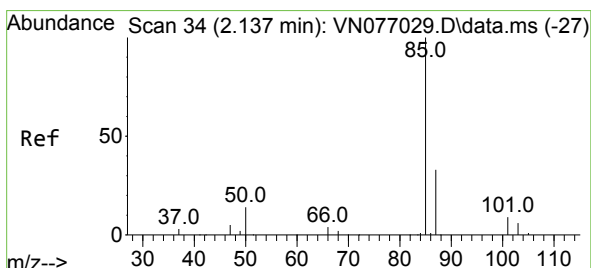
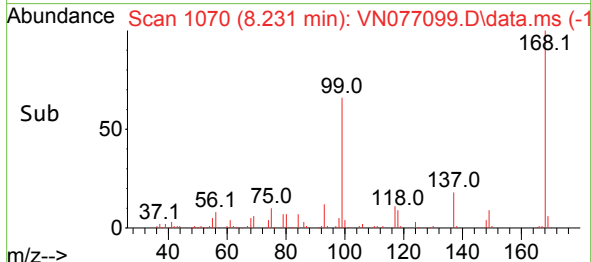
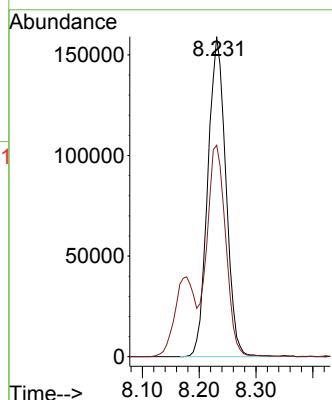
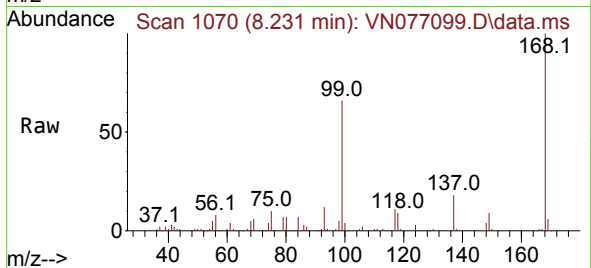
VN0322WBS01

Tgt Ion:168 Resp: 350348

Ion Ratio Lower Upper

168 100

99 65.9 53.9 80.9



#2

Dichlorodifluoromethane

Concen: 13.386 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077099.D

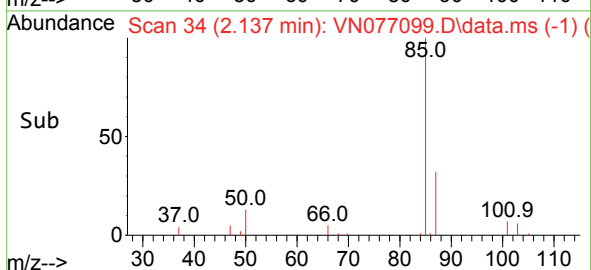
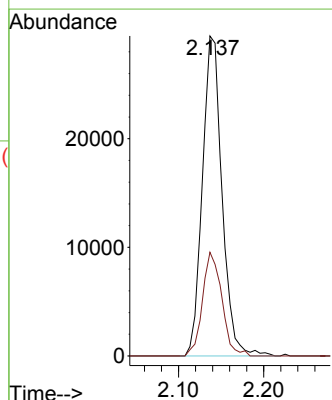
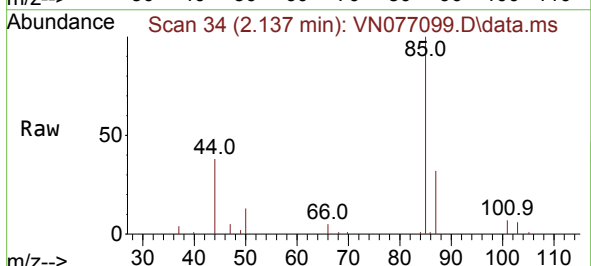
Acq: 22 Mar 2023 11:40

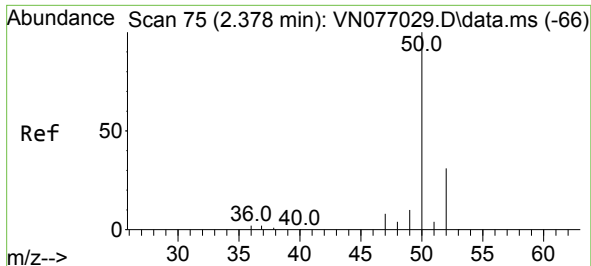
Tgt Ion: 85 Resp: 47176

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.2

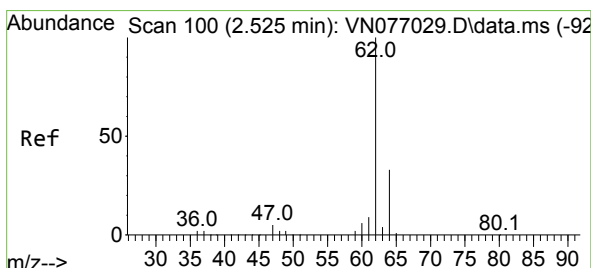
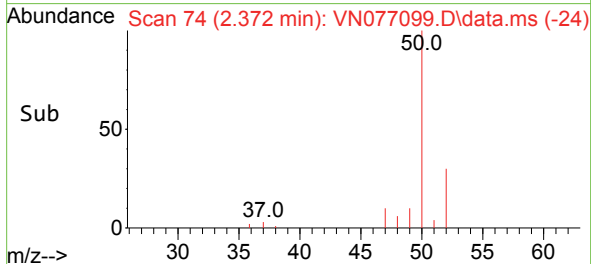
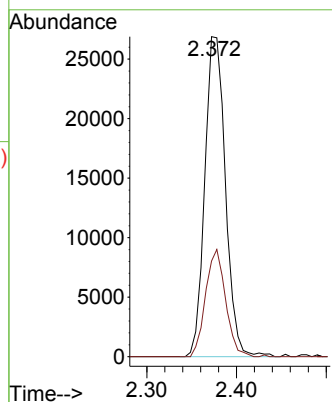
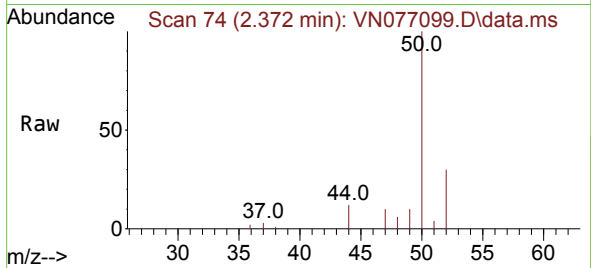




#3
Chloromethane
Concen: 12.188 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

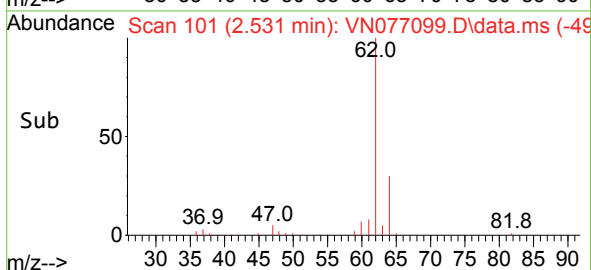
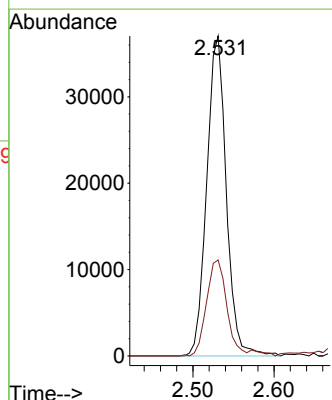
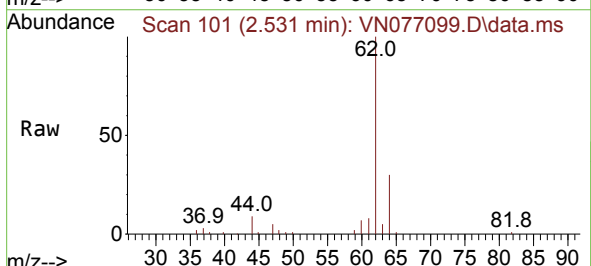
Instrument :
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ClientSampleId :
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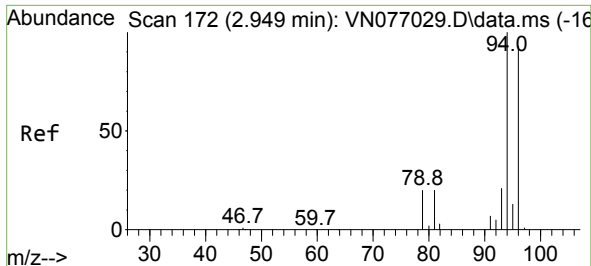
Tgt Ion: 50 Resp: 43023
Ion Ratio Lower Upper
50 100
52 29.9 25.1 37.7



#4
Vinyl Chloride
Concen: 16.258 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 62 Resp: 61946
Ion Ratio Lower Upper
62 100
64 30.0 26.6 40.0

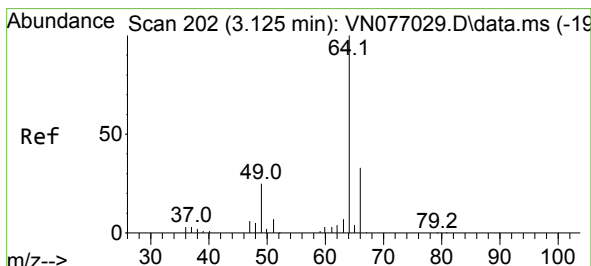
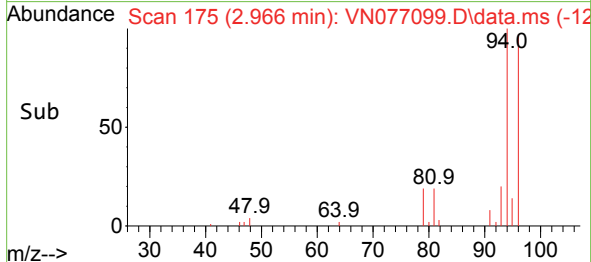
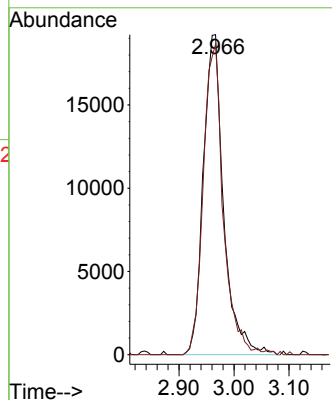
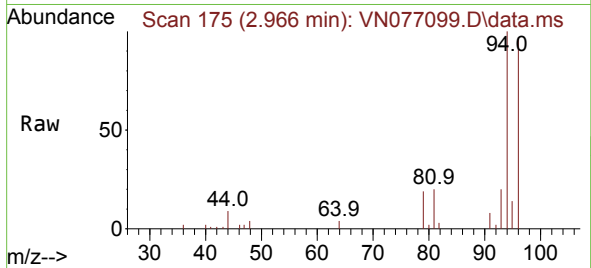




#5
Bromomethane
Concen: 19.163 ug/l
RT: 2.966 min Scan# 175
Delta R.T. 0.017 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

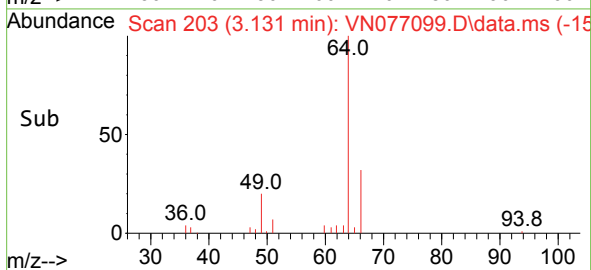
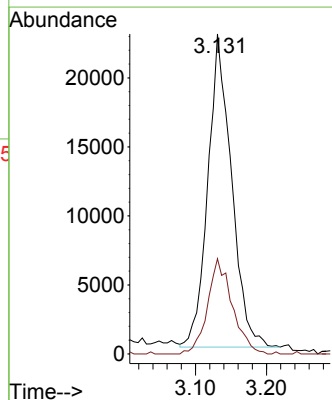
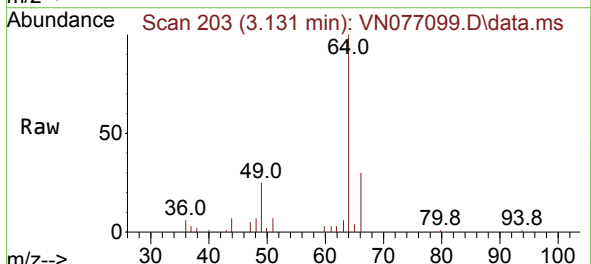
Instrument :
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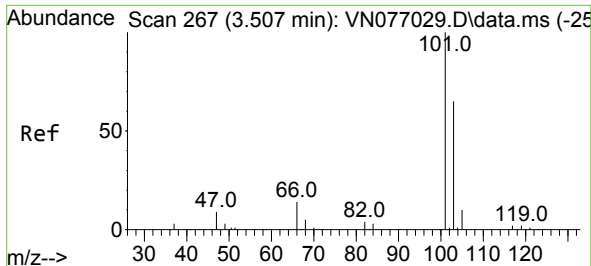
Tgt Ion: 94 Resp: 49318
Ion Ratio Lower Upper
94 100
96 97.0 74.1 111.1



#6
Chloroethane
Concen: 21.732 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 64 Resp: 52394
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5

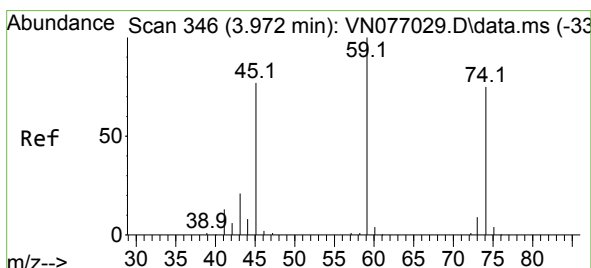
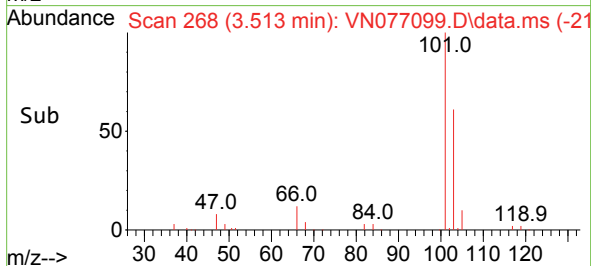
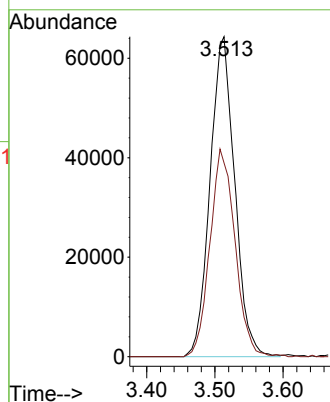
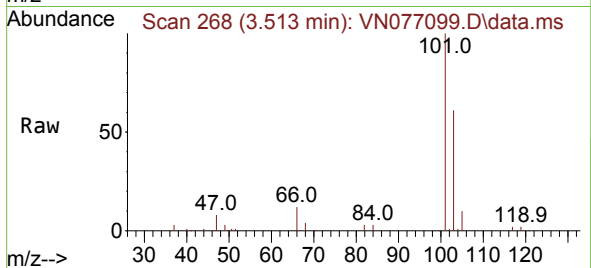




#7
Trichlorofluoromethane
Concen: 19.756 ug/l
RT: 3.513 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

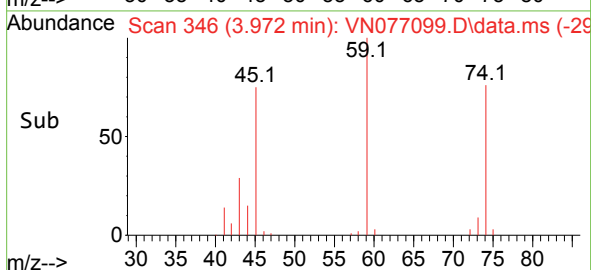
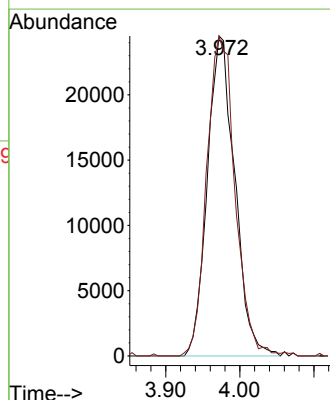
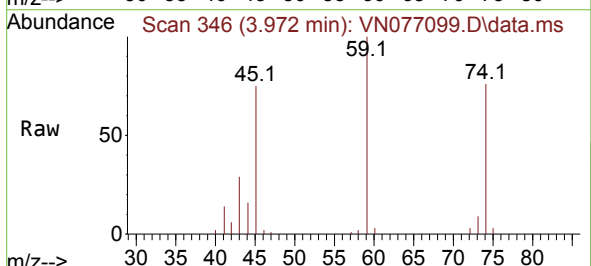
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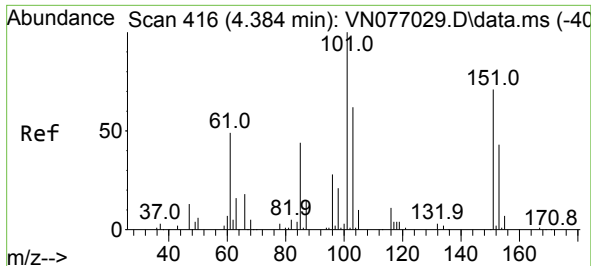
Tgt Ion:101 Resp: 161937
Ion Ratio Lower Upper
101 100
103 60.6 51.8 77.6



#8
Diethyl Ether
Concen: 20.436 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 74 Resp: 63042
Ion Ratio Lower Upper
74 100
45 103.0 50.8 152.5

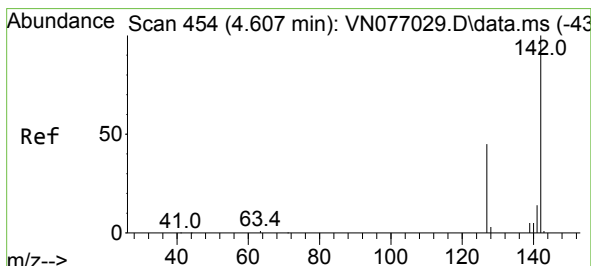
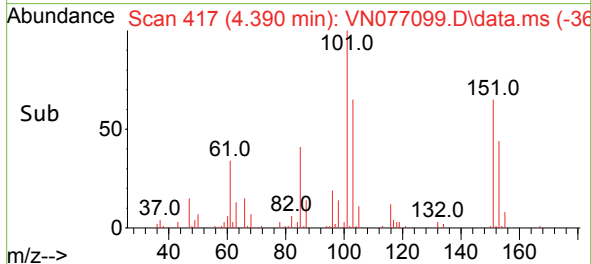
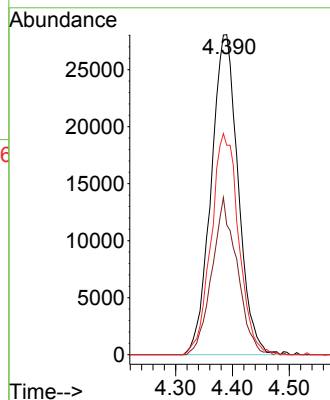
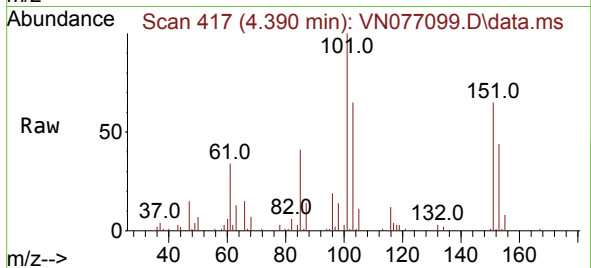




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.957 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077099.D
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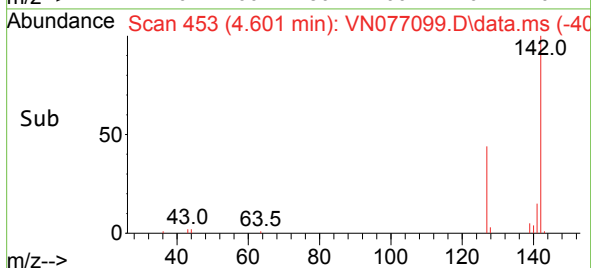
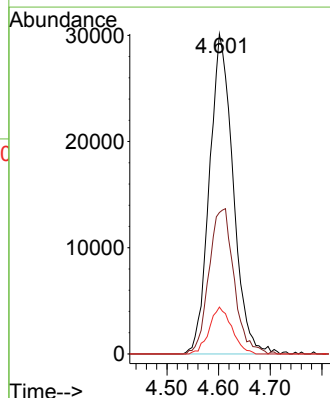
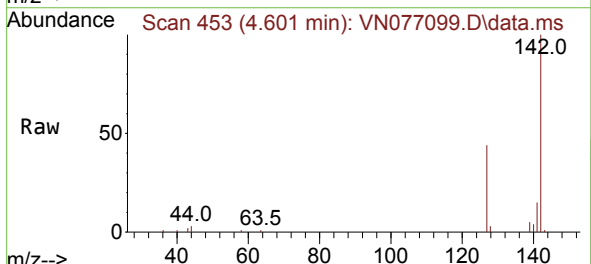
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

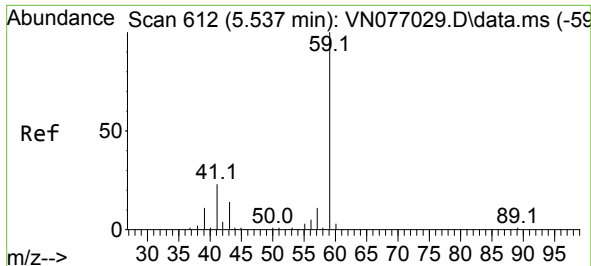
Tgt Ion:101 Resp: 92794
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 70.3 56.9 85.3



#10
Methyl Iodide
Concen: 18.308 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion:142 Resp: 95881
Ion Ratio Lower Upper
142 100
127 44.2 36.1 54.1
141 14.7 10.8 16.2

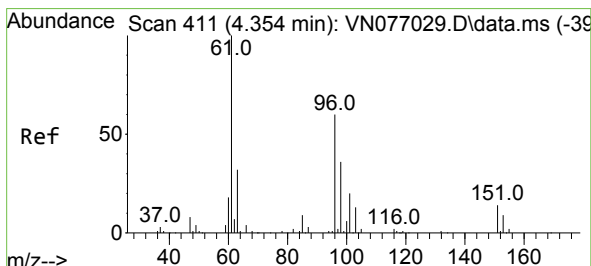
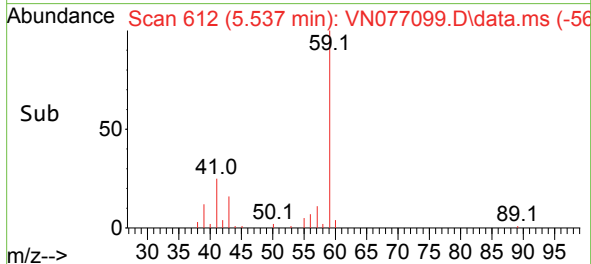
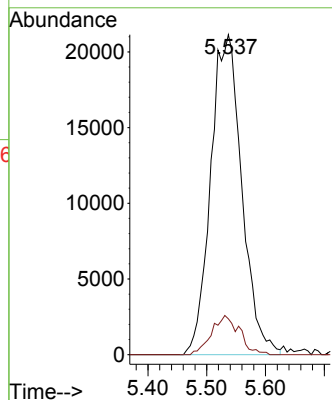
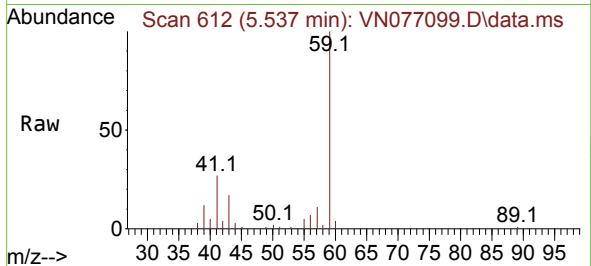




#11
Tert butyl alcohol
Concen: 95.227 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

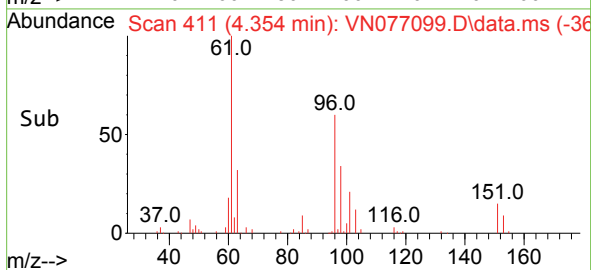
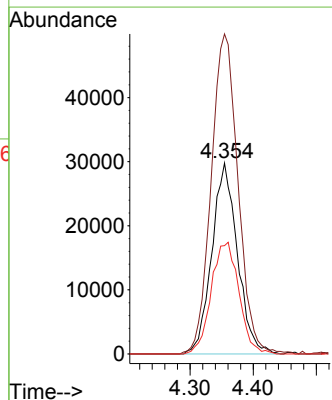
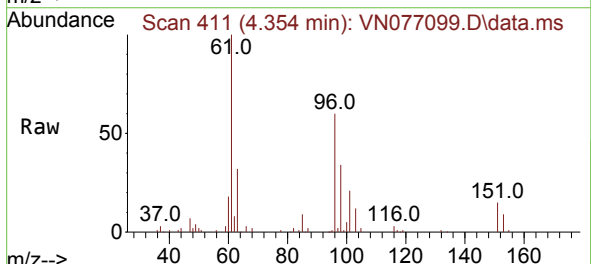
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

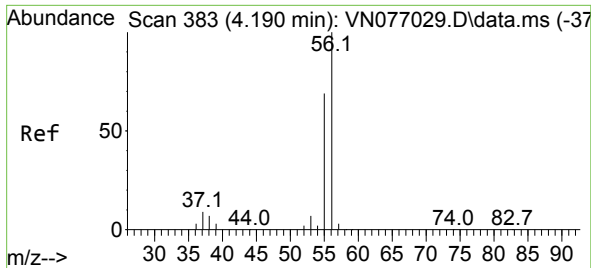
Tgt Ion: 59 Resp: 77654
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.708 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 96 Resp: 83829
Ion Ratio Lower Upper
96 100
61 167.6 133.8 200.8
98 56.8 48.6 72.8

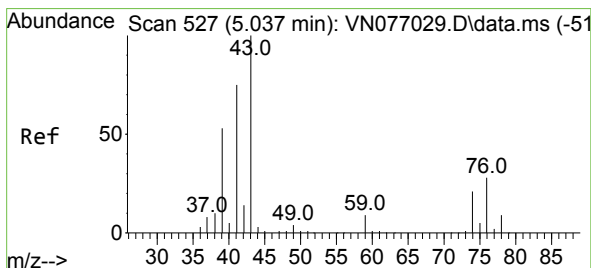
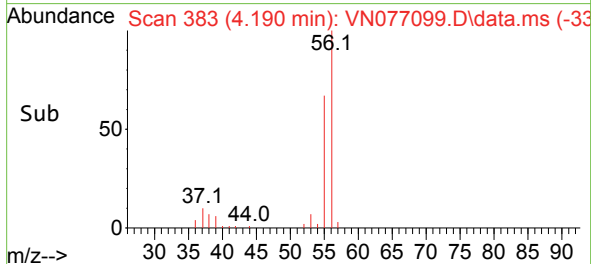
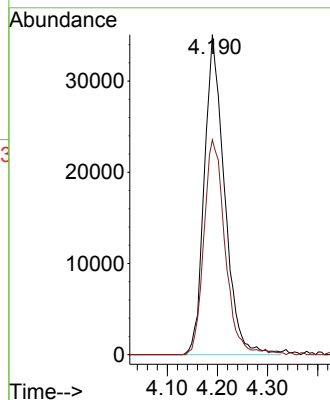
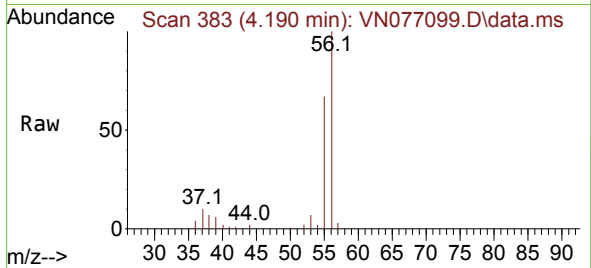




#13
Acrolein
Concen: 97.376 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

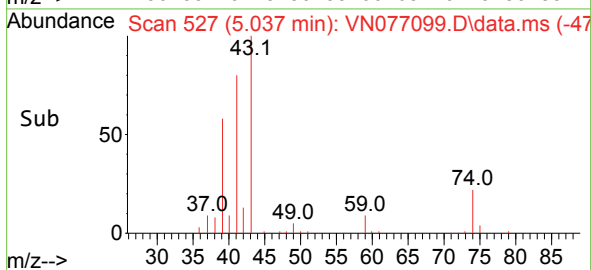
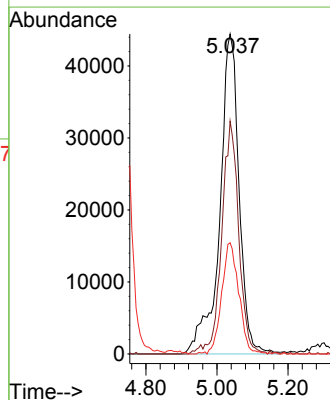
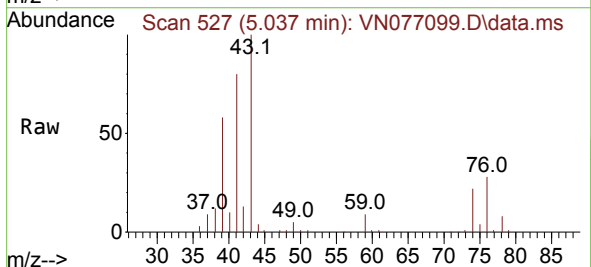
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

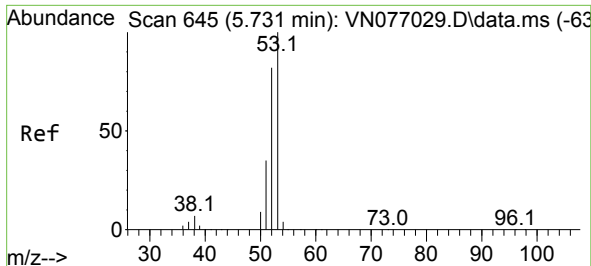
Tgt Ion: 56 Resp: 98215
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.6



#14
Allyl chloride
Concen: 21.585 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 41 Resp: 168079
Ion Ratio Lower Upper
41 100
39 62.8 53.8 80.8
76 30.6 26.7 40.1

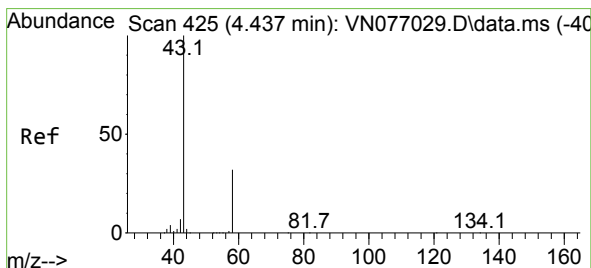
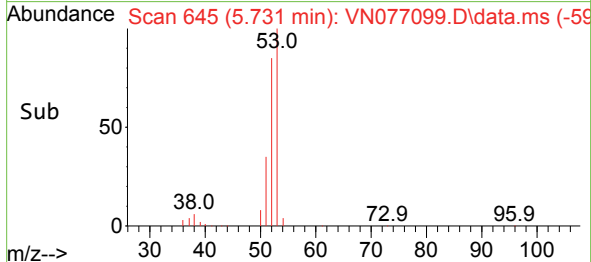
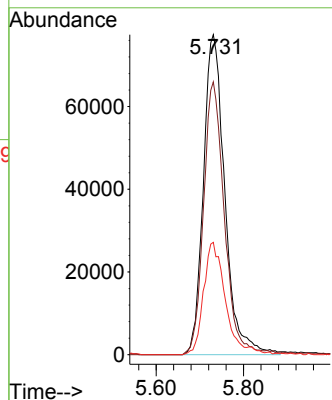
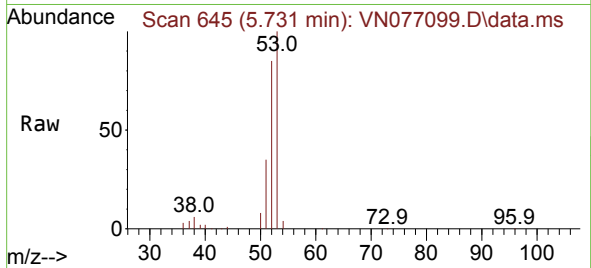




#15
Acrylonitrile
Concen: 96.307 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

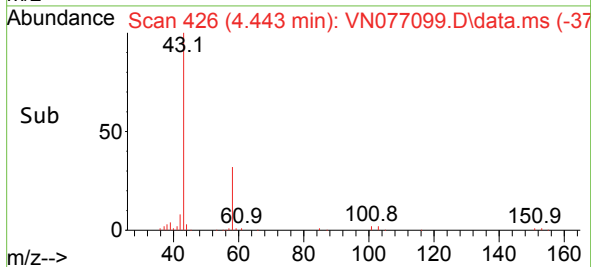
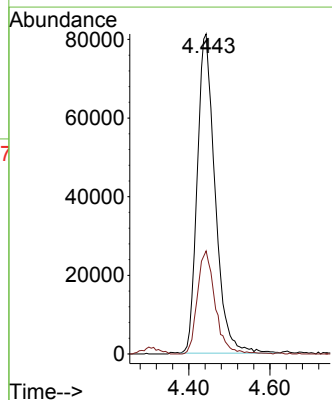
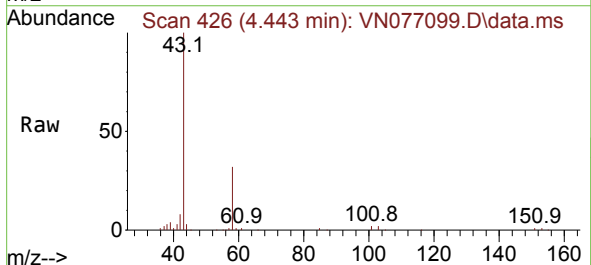
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

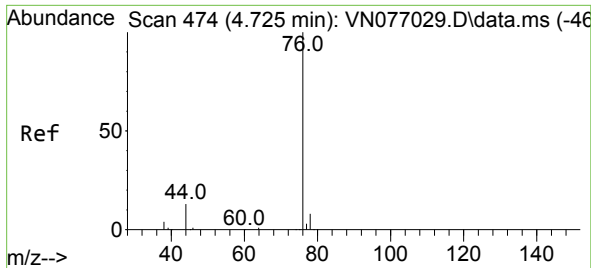
Tgt Ion: 53 Resp: 264018
Ion Ratio Lower Upper
53 100
52 83.3 64.6 97.0
51 35.9 28.3 42.5



#16
Acetone
Concen: 99.598 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 43 Resp: 248352
Ion Ratio Lower Upper
43 100
58 32.3 25.4 38.0

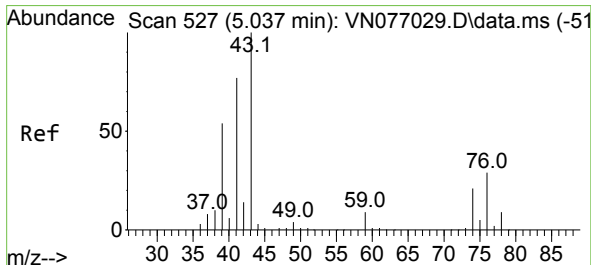
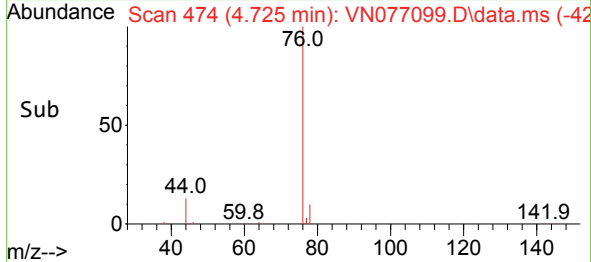
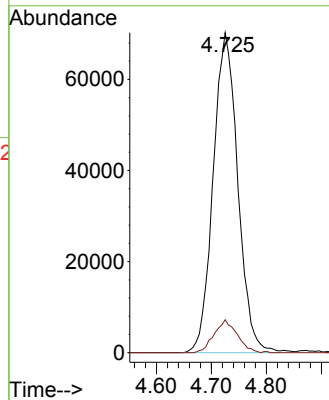
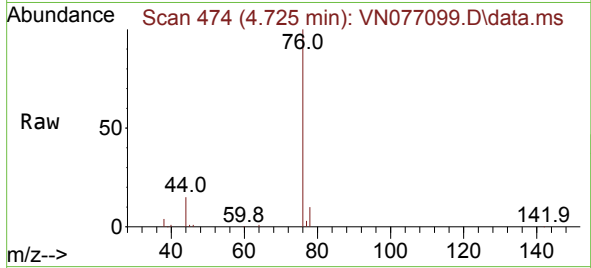




#17
Carbon Disulfide
Concen: 17.615 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

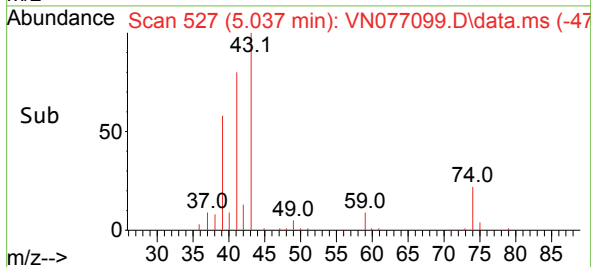
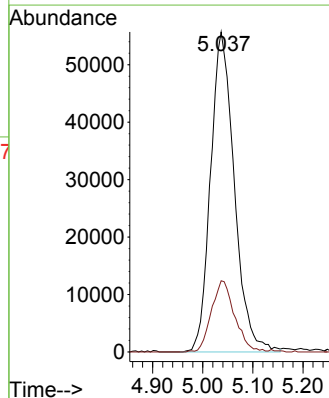
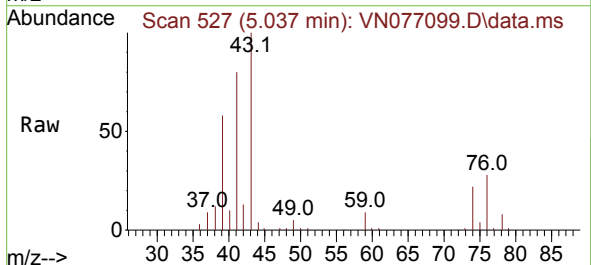
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

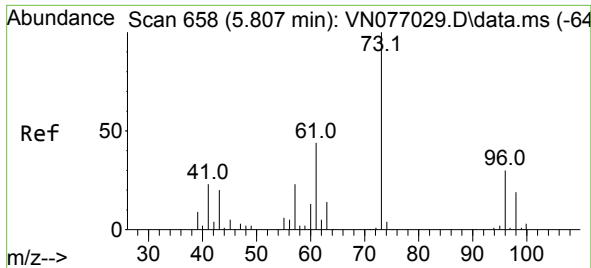
Tgt Ion: 76 Resp: 218475
Ion Ratio Lower Upper
76 100
78 10.3 6.6 10.0#



#18
Methyl Acetate
Concen: 19.514 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 43 Resp: 183486
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5

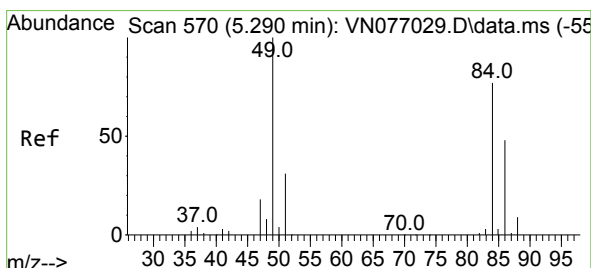
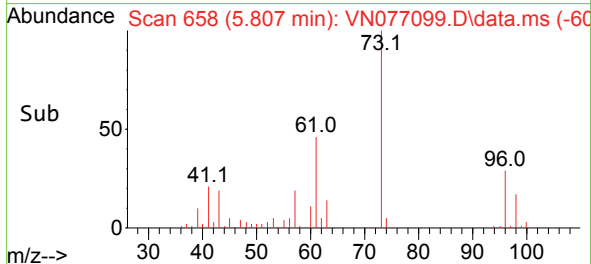
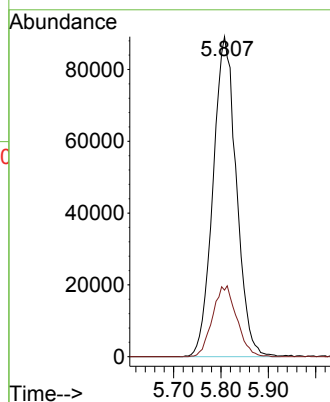
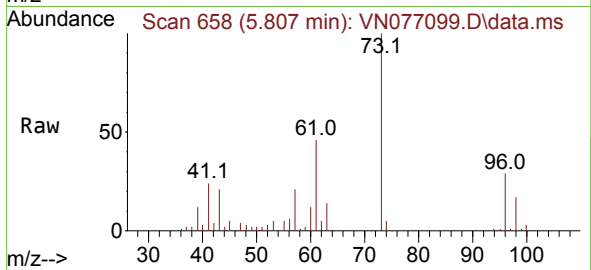




#19
Methyl tert-butyl Ether
Concen: 19.976 ug/l
RT: 5.807 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

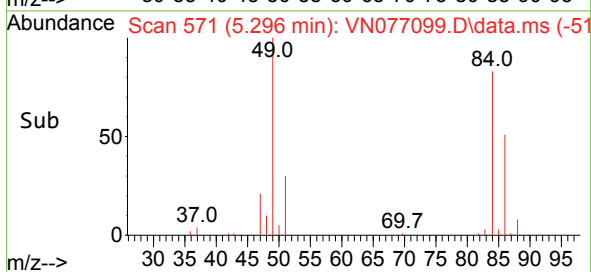
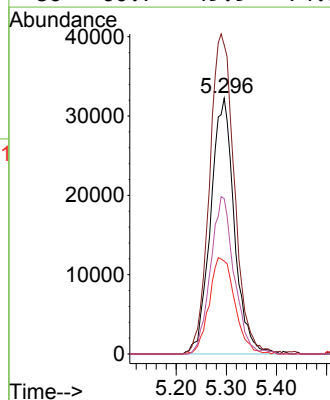
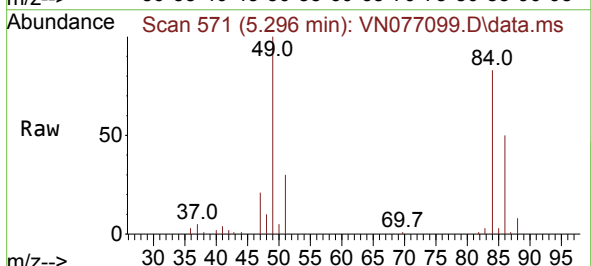
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

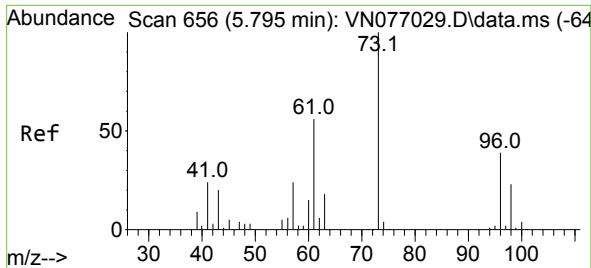
Tgt Ion: 73 Resp: 304945
Ion Ratio Lower Upper
73 100
57 20.8 18.7 28.1



#20
Methylene Chloride
Concen: 19.568 ug/l
RT: 5.296 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 84 Resp: 105897
Ion Ratio Lower Upper
84 100
49 120.8 103.8 155.6
51 36.3 32.3 48.5
86 60.7 49.9 74.9

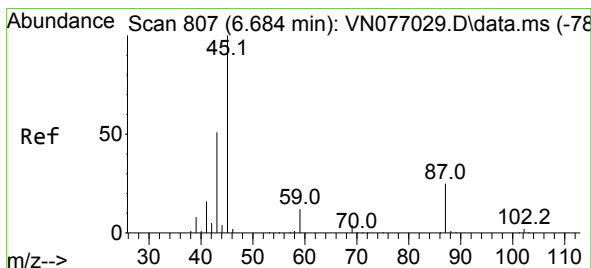
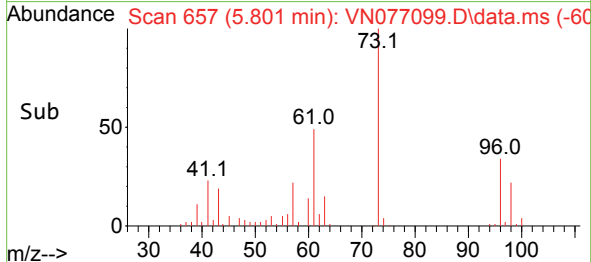
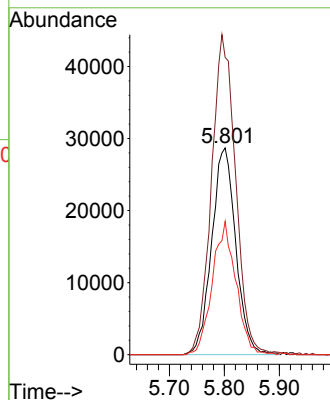
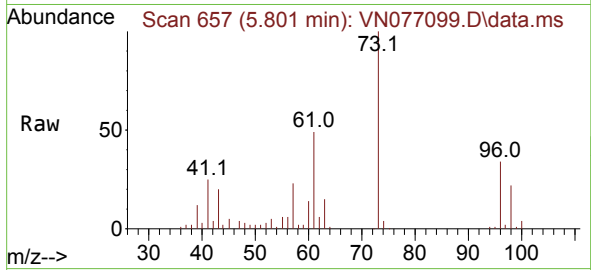




#21
trans-1,2-Dichloroethene
Concen: 19.009 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

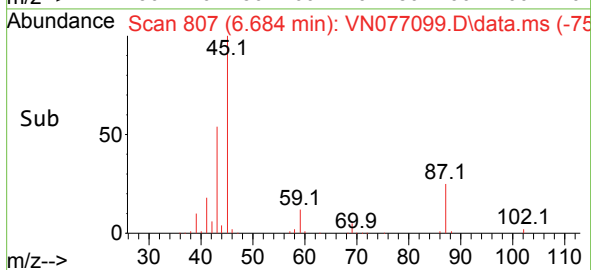
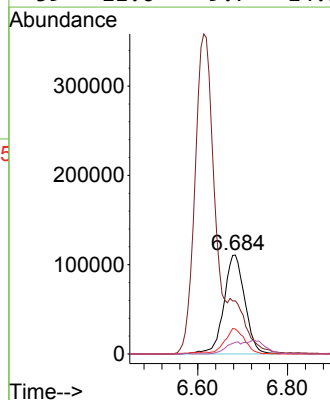
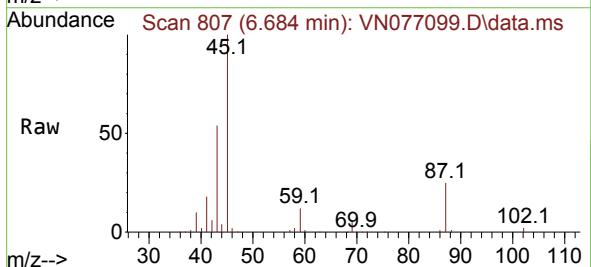
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

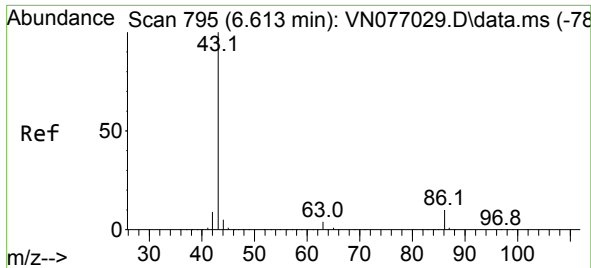
Tgt Ion: 96 Resp: 87636
Ion Ratio Lower Upper
96 100
61 143.9 115.8 173.6
98 64.5 48.2 72.2



#22
Diisopropyl ether
Concen: 21.036 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 45 Resp: 358892
Ion Ratio Lower Upper
45 100
43 52.2 41.5 62.3
87 25.2 20.6 30.8
59 11.6 9.7 14.5

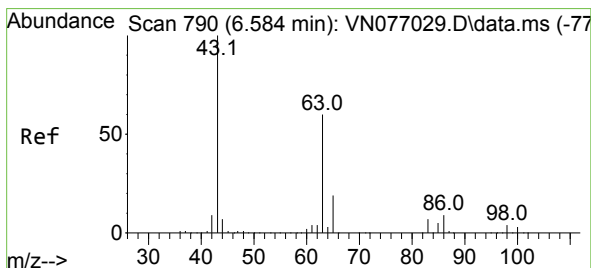
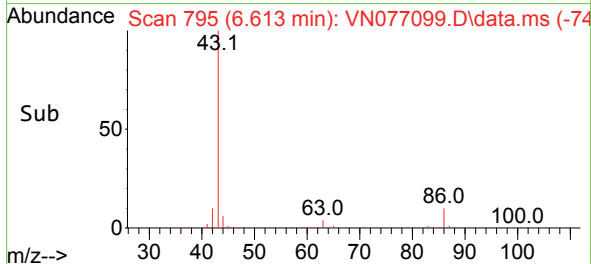
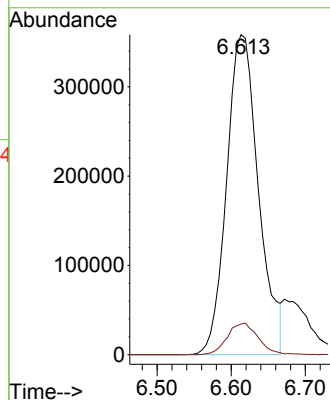
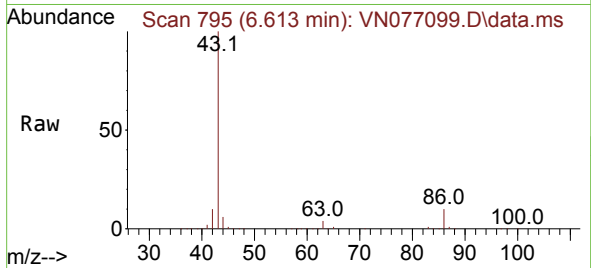




#23
 Vinyl Acetate
 Concen: 99.713 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077099.D
 Acq: 22 Mar 2023 11:40

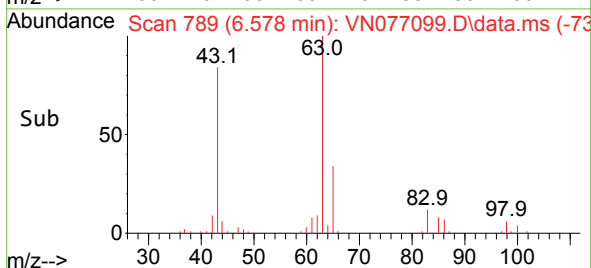
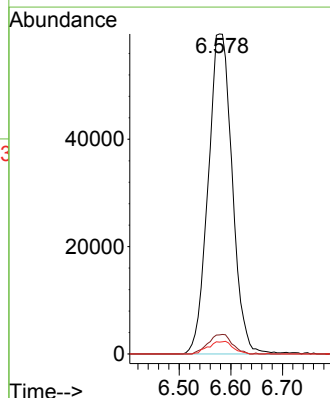
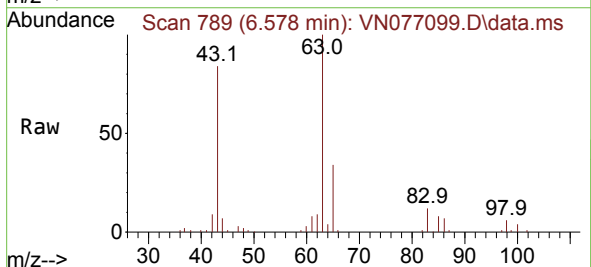
Instrument :
 MSVOA_N
 ClientSampleId :
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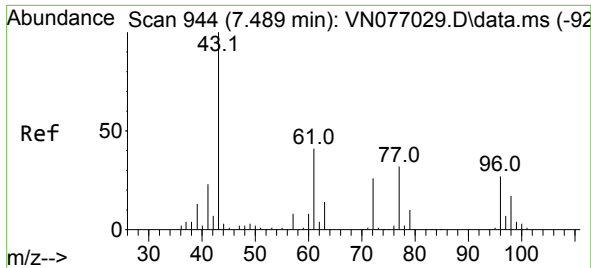
Tgt Ion: 43 Resp: 1073521
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.733 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077099.D
 Acq: 22 Mar 2023 11:40

Tgt Ion: 63 Resp: 192645
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.1 9.4
 100 3.7 2.1 6.3

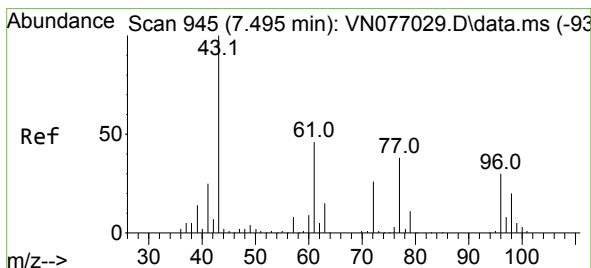
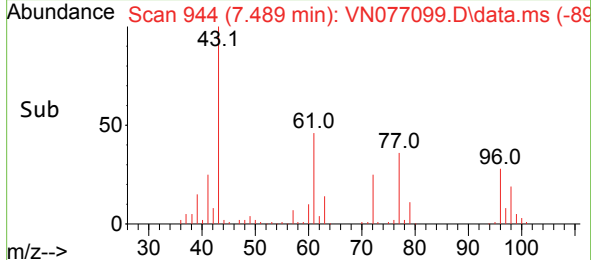
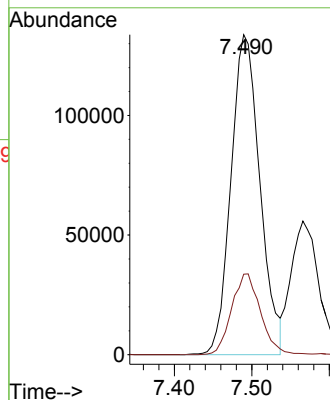
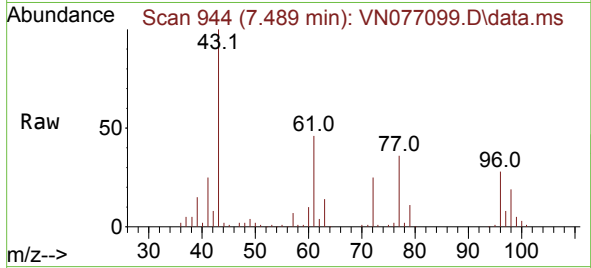




#25
2-Butanone
Concen: 95.421 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

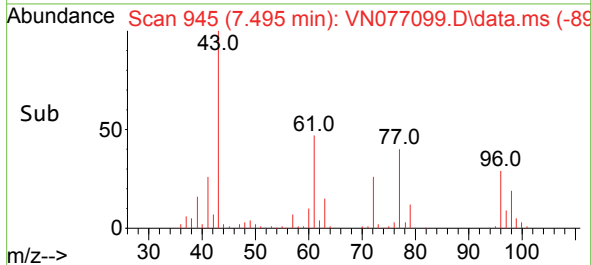
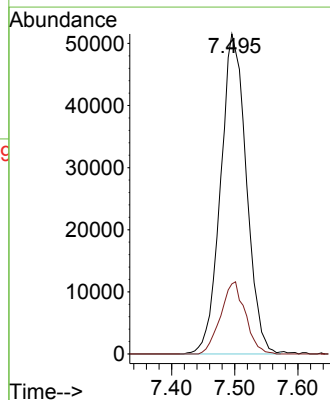
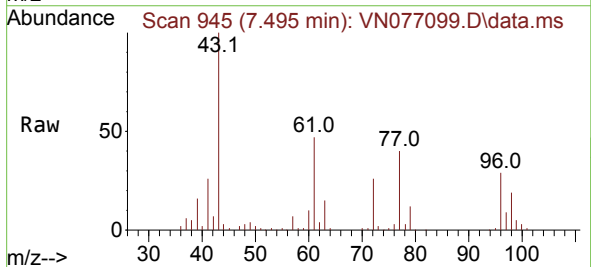
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

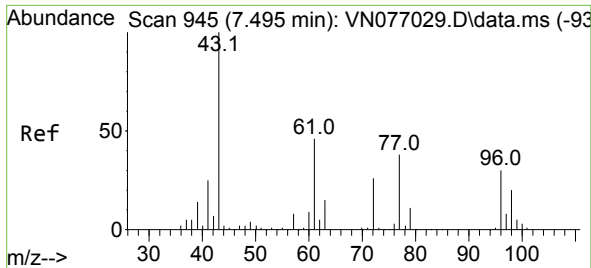
Tgt Ion: 43 Resp: 348067
Ion Ratio Lower Upper
43 100
72 25.1 20.7 31.1



#26
2,2-Dichloropropane
Concen: 19.883 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 77 Resp: 146054
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9



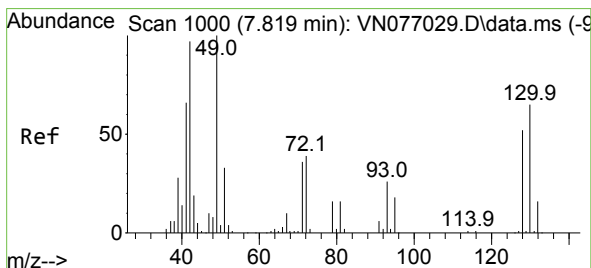
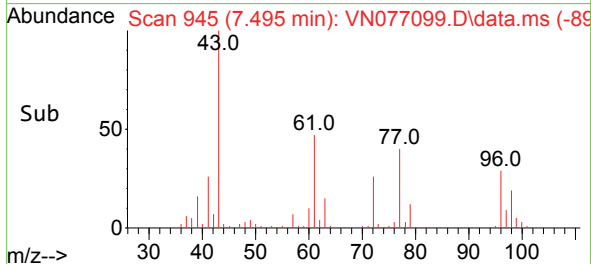
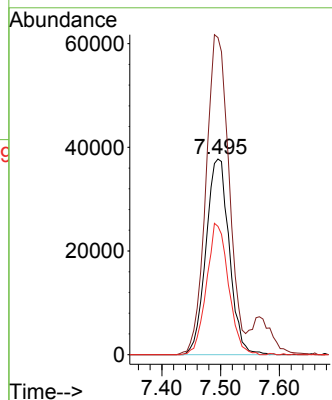
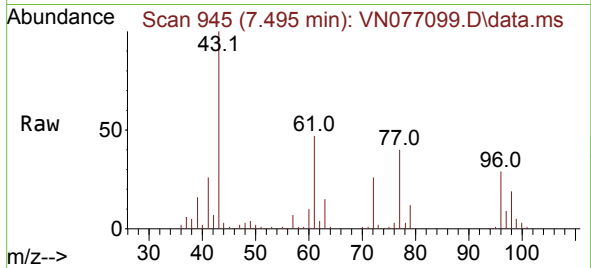


#27
 cis-1,2-Dichloroethene
 Concen: 19.670 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077099.D
 Acq: 22 Mar 2023 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBS01

Tgt Ion: 96 Resp: 103859

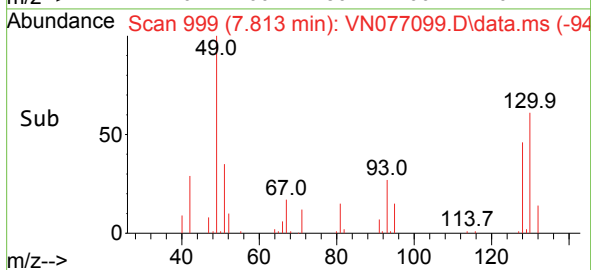
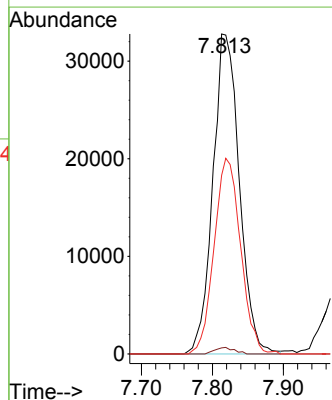
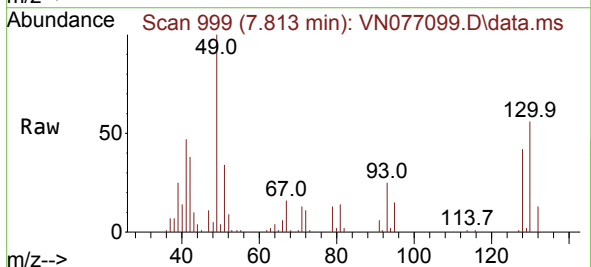
Ion	Ratio	Lower	Upper
96	100		
61	161.9	0.0	315.4
98	63.4	0.0	128.6

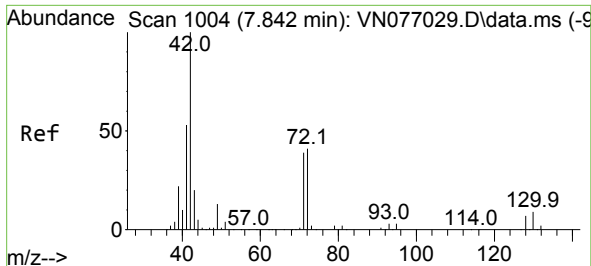


#28
 Bromochloromethane
 Concen: 20.010 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077099.D
 Acq: 22 Mar 2023 11:40

Tgt Ion: 49 Resp: 84835

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.2
130	61.2	51.9	77.9





#29

Tetrahydrofuran

Concen: 95.782 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

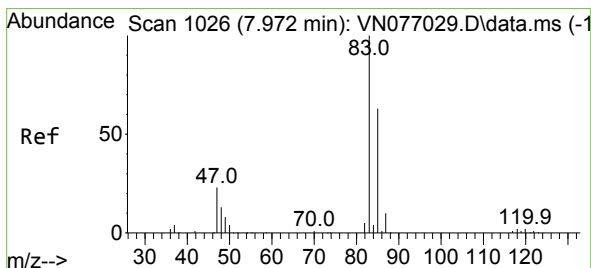
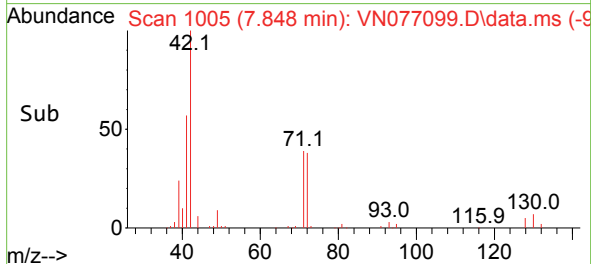
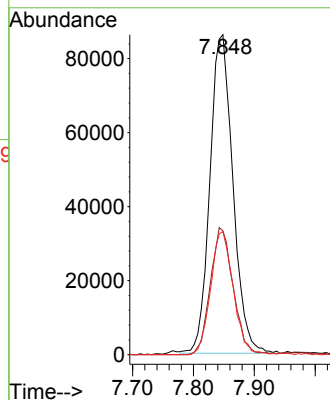
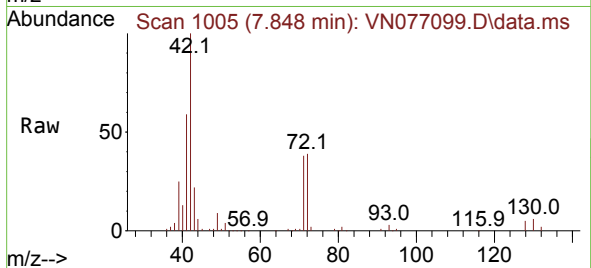
Tgt Ion: 42 Resp: 226403

Ion Ratio Lower Upper

42 100

72 39.5 33.2 49.8

71 38.0 31.0 46.4



#30

Chloroform

Concen: 20.057 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077099.D

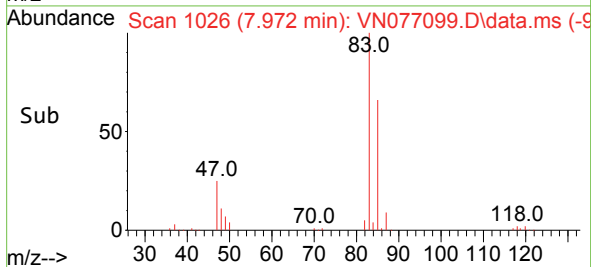
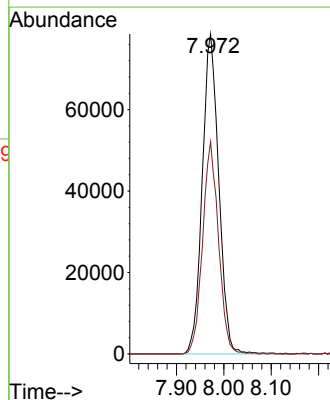
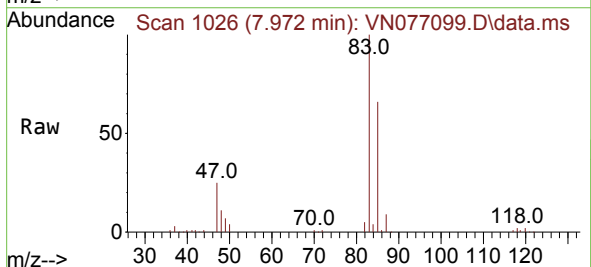
Acq: 22 Mar 2023 11:40

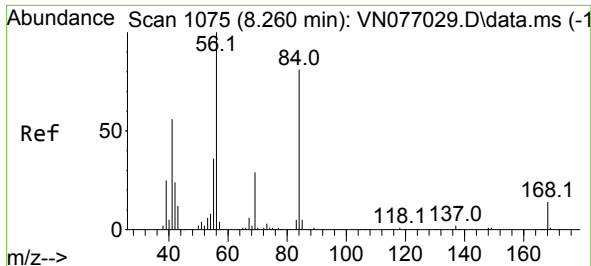
Tgt Ion: 83 Resp: 190056

Ion Ratio Lower Upper

83 100

85 66.4 50.6 75.8

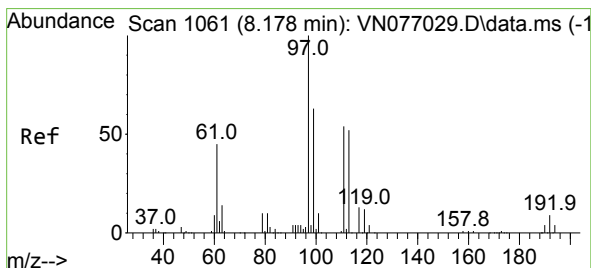
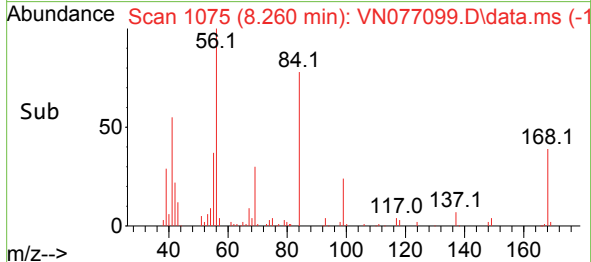
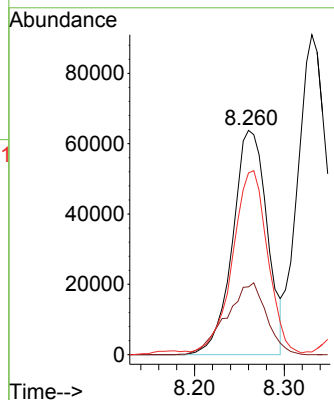
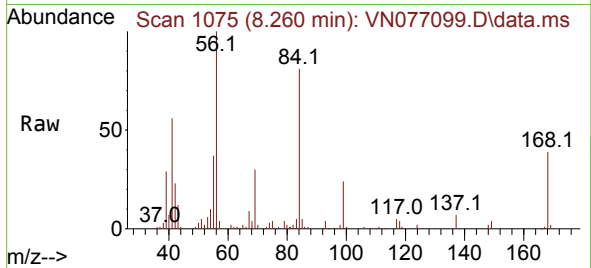




#31
Cyclohexane
Concen: 18.647 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

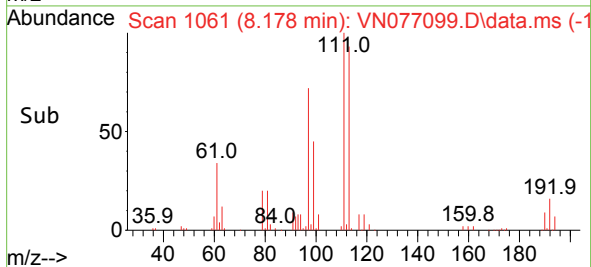
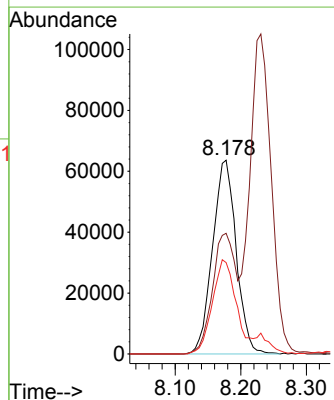
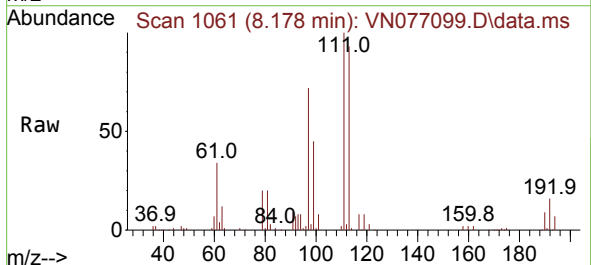
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

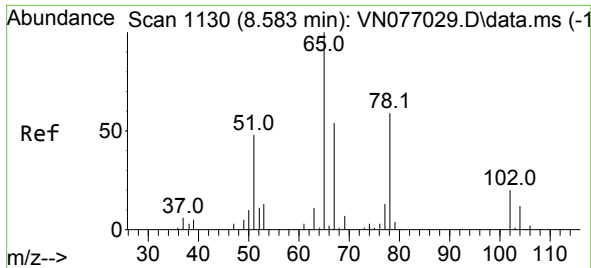
Tgt Ion: 56 Resp: 170736
Ion Ratio Lower Upper
56 100
69 30.0 22.8 34.2
84 79.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 19.689 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 97 Resp: 159453
Ion Ratio Lower Upper
97 100
99 60.0 50.2 75.2
61 49.6 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 53.784 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

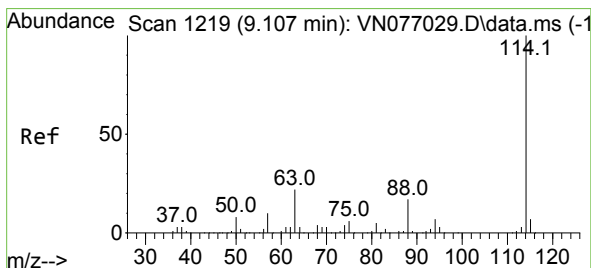
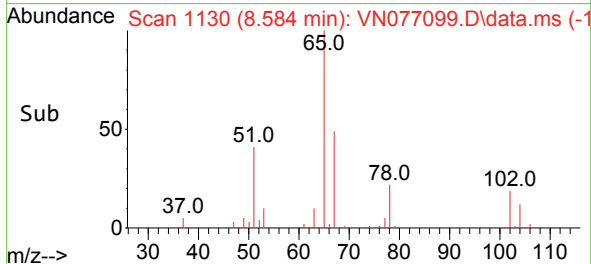
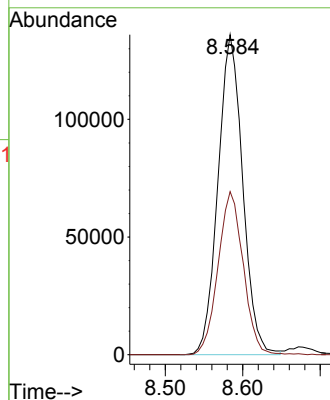
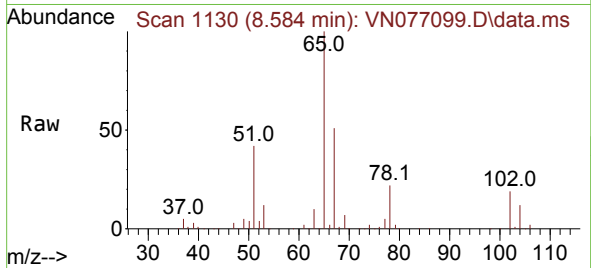
VN0322WBS01

Tgt Ion: 65 Resp: 300984

Ion Ratio Lower Upper

65 100

67 52.1 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: VN077099.D

Acq: 22 Mar 2023 11:40

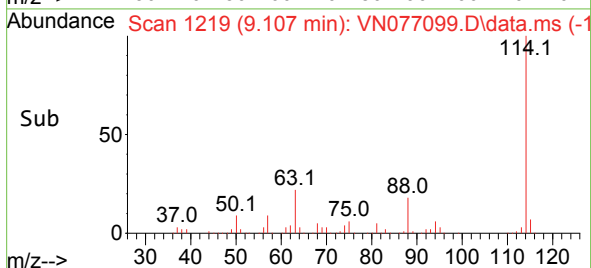
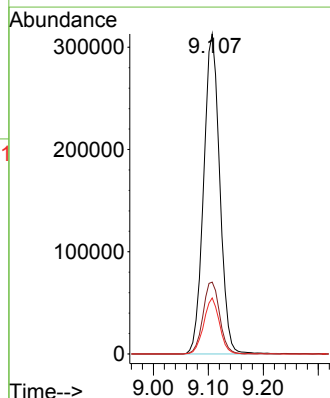
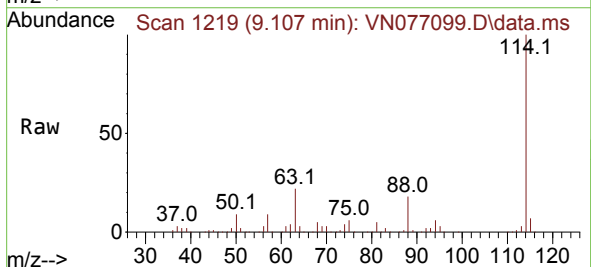
Tgt Ion: 114 Resp: 635840

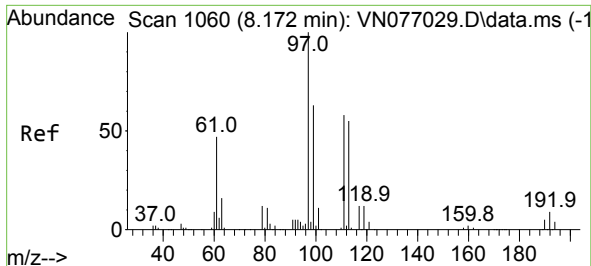
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 17.5 0.0 33.8

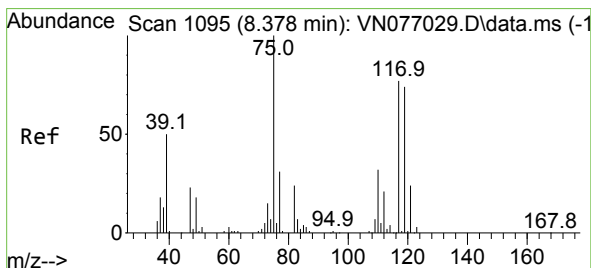
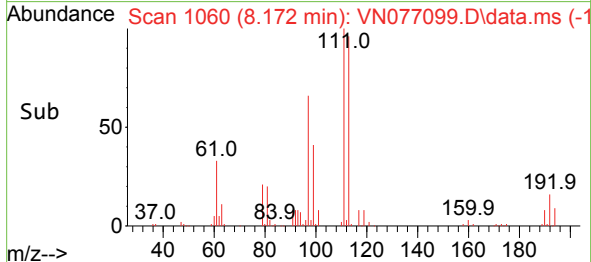
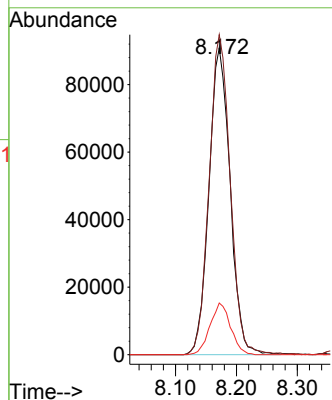
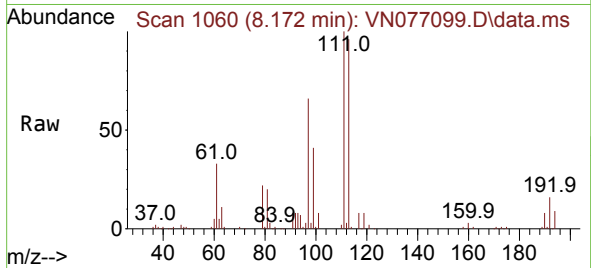




#35
Dibromofluoromethane
Concen: 49.353 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

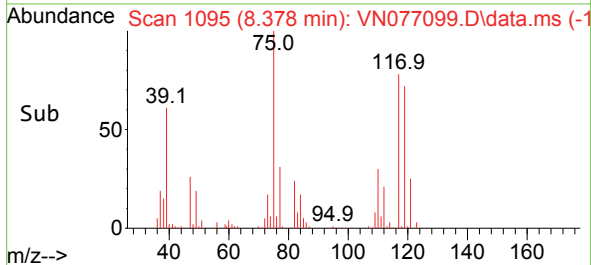
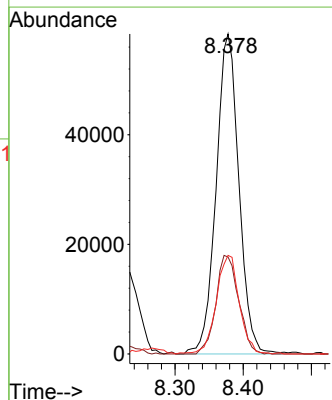
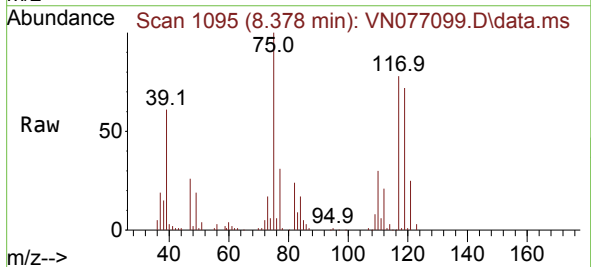
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

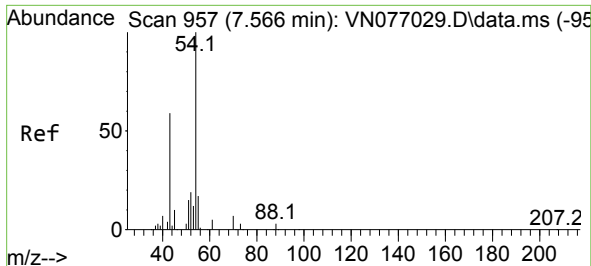
Tgt Ion:113 Resp: 219763
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 16.4 13.0 19.6



#36
1,1-Dichloropropene
Concen: 19.517 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 75 Resp: 135738
Ion Ratio Lower Upper
75 100
110 30.8 15.9 47.7
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 19.383 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

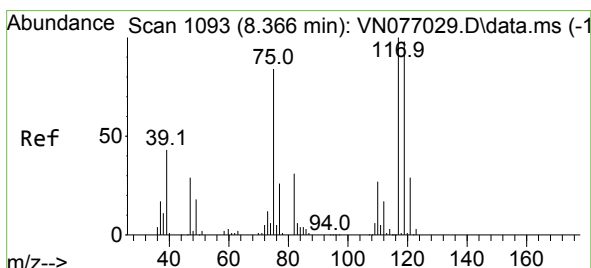
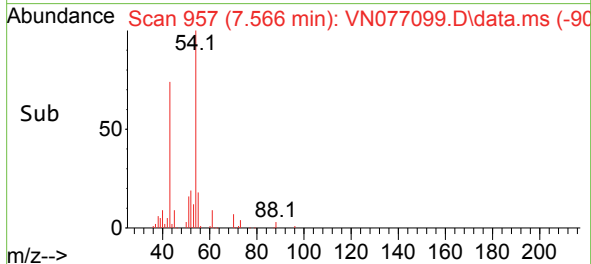
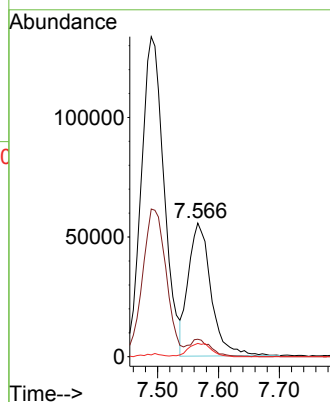
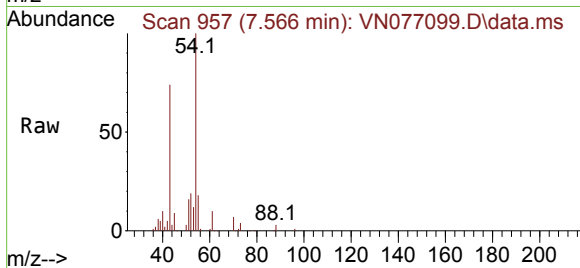
Tgt Ion: 43 Resp: 144236

Ion Ratio Lower Upper

43 100

61 12.7 11.0 16.6

70 10.3 8.4 12.6



#38

Carbon Tetrachloride

Concen: 19.727 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

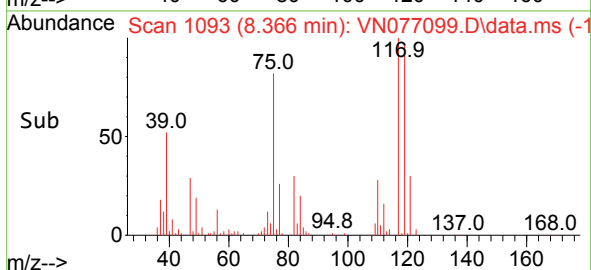
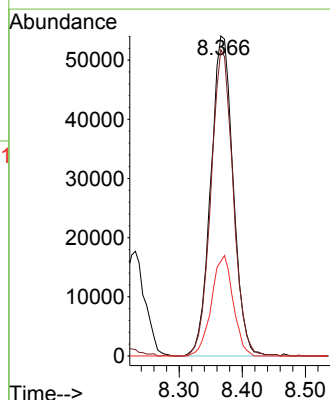
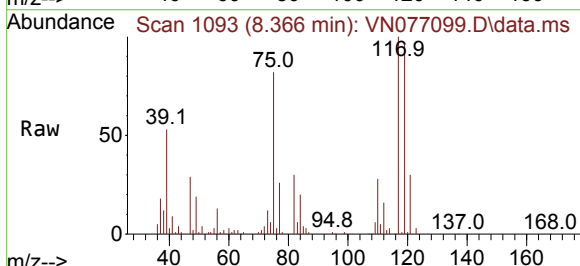
Tgt Ion: 117 Resp: 133637

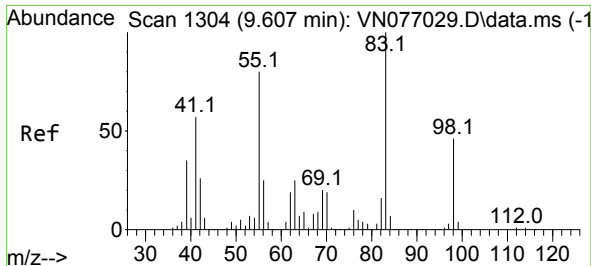
Ion Ratio Lower Upper

117 100

119 95.7 78.2 117.2

121 29.6 23.2 34.8





#39

Methylcyclohexane

Concen: 19.251 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

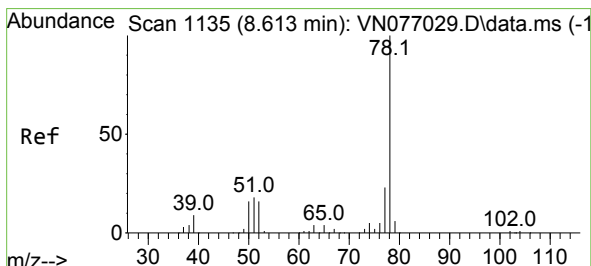
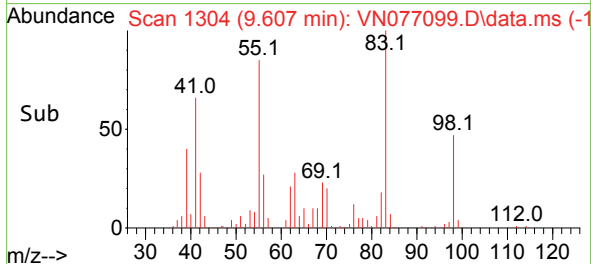
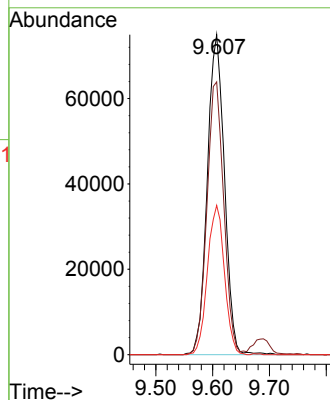
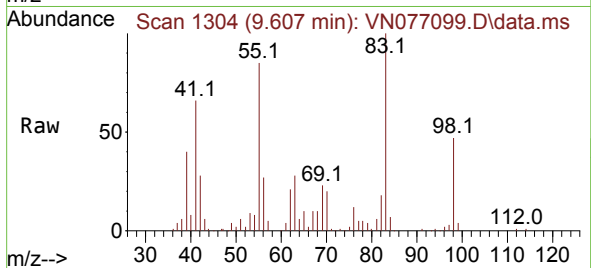
Tgt Ion: 83 Resp: 156720

Ion Ratio Lower Upper

83 100

55 85.2 63.8 95.8

98 46.7 37.1 55.7



#40

Benzene

Concen: 19.353 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077099.D

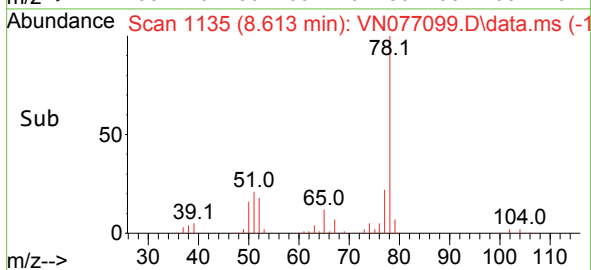
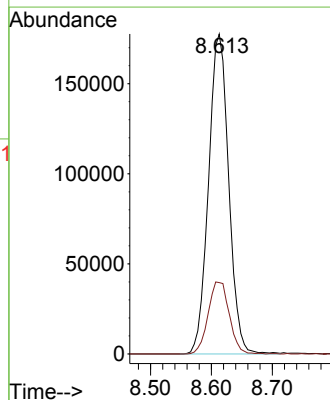
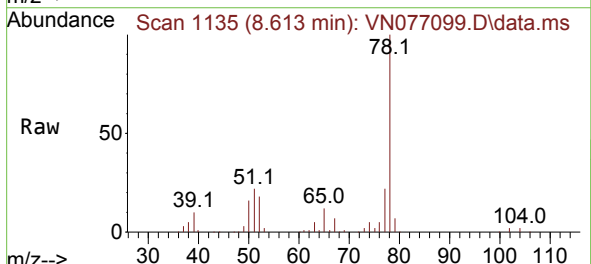
Acq: 22 Mar 2023 11:40

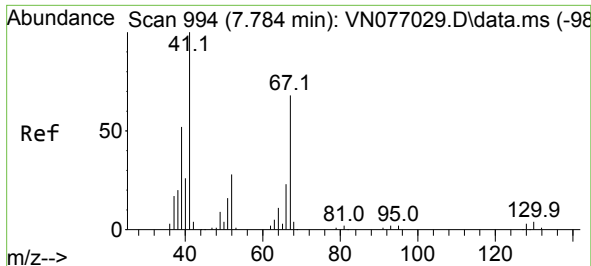
Tgt Ion: 78 Resp: 408206

Ion Ratio Lower Upper

78 100

77 22.3 18.5 27.7

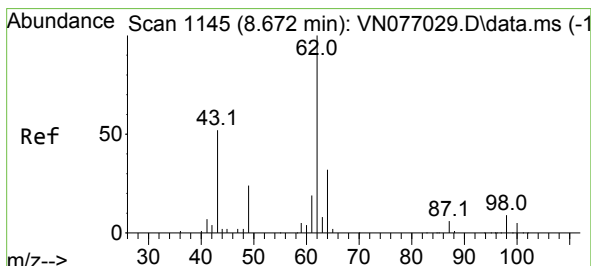
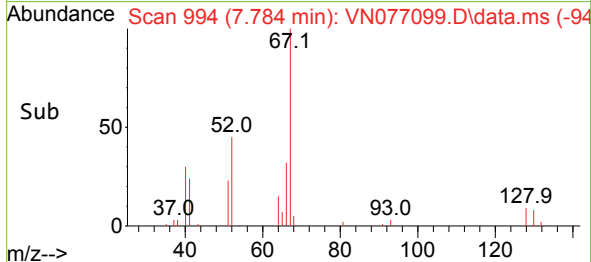
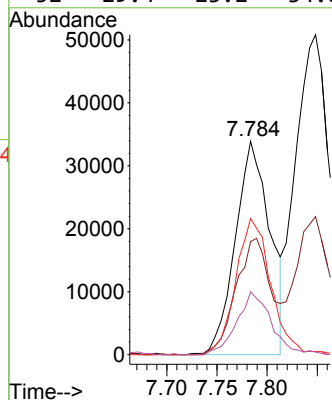
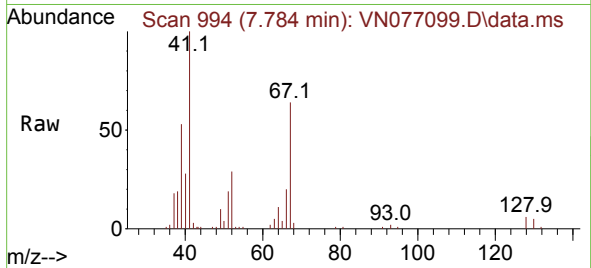




#41
Methacrylonitrile
Concen: 20.314 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

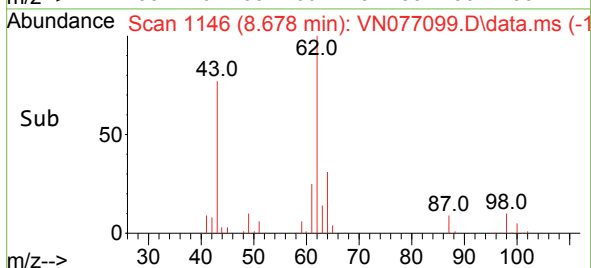
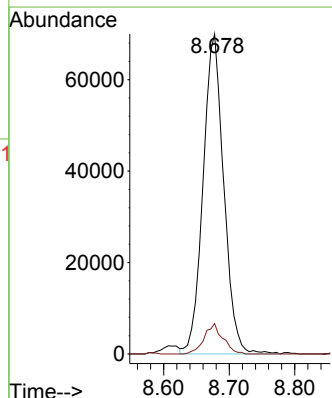
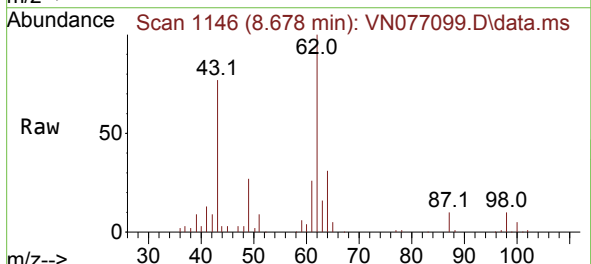
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

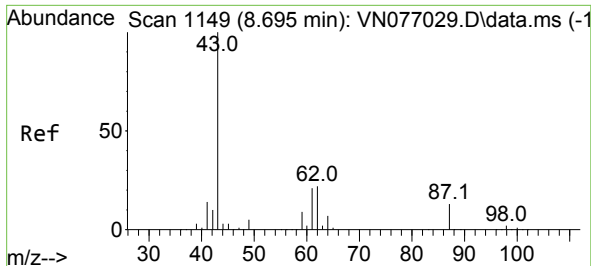
Tgt Ion: 41	Resp: 81433
Ion Ratio	Lower Upper
41 100	
39 54.8	41.6 62.4
67 64.9	53.8 80.8
52 29.4	23.2 34.8



#42
1,2-Dichloroethane
Concen: 20.161 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 62	Resp: 153665
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 17.4

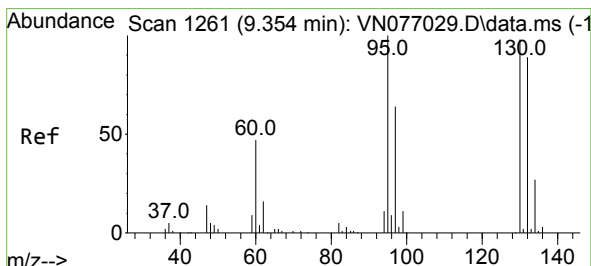
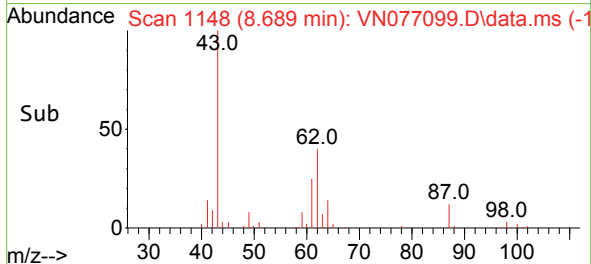
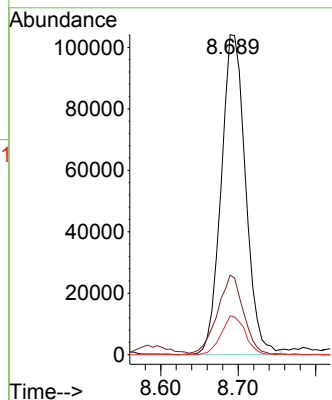
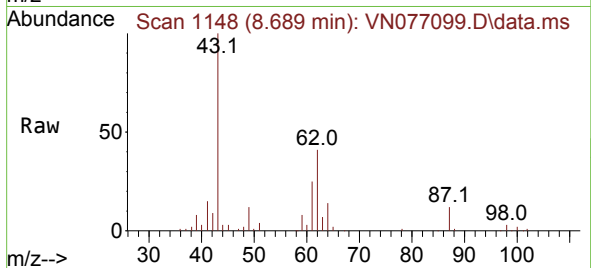




#43
Isopropyl Acetate
Concen: 19.635 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

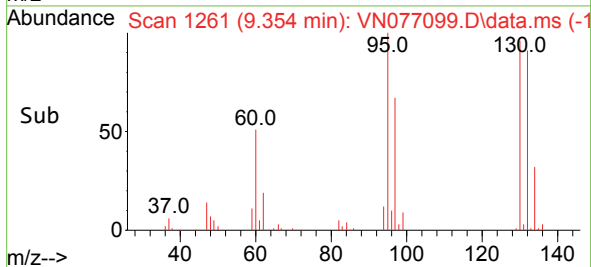
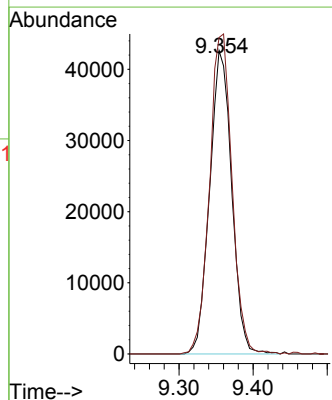
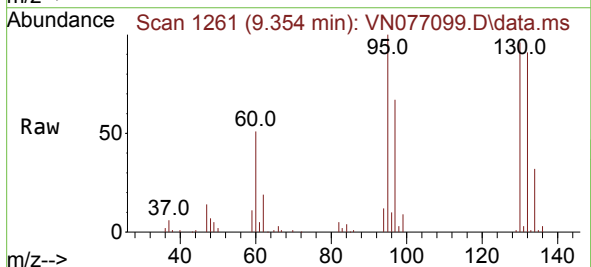
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

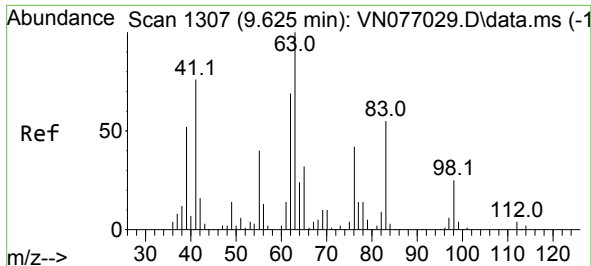
Tgt Ion: 43 Resp: 228243
Ion Ratio Lower Upper
43 100
61 26.7 20.6 30.8
87 12.0 10.0 15.0



#44
Trichloroethene
Concen: 18.147 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion:130 Resp: 87920
Ion Ratio Lower Upper
130 100
95 104.3 0.0 204.4

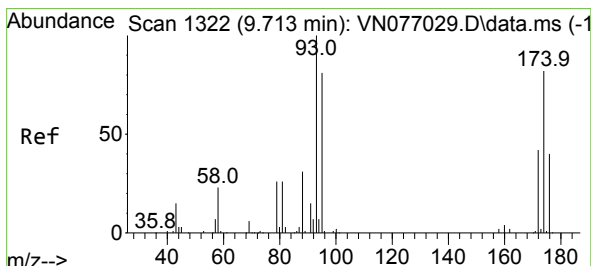
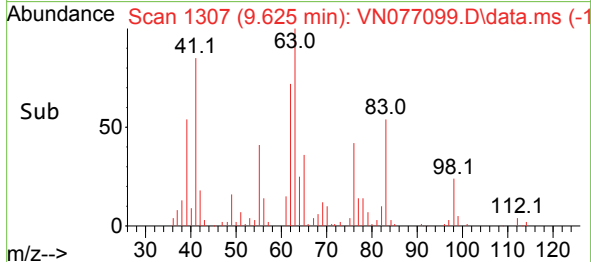
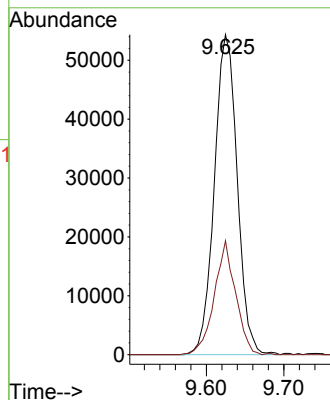
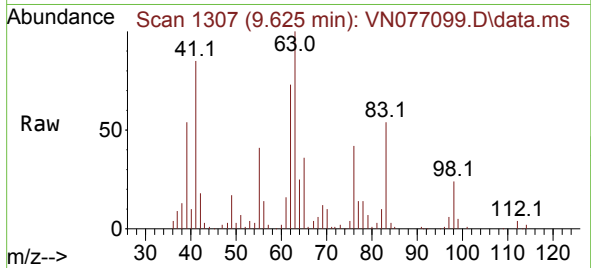




#45
1,2-Dichloropropane
Concen: 19.895 ug/l
RT: 9.625 min Scan# 111452
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

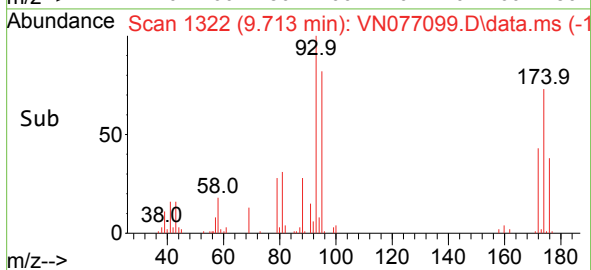
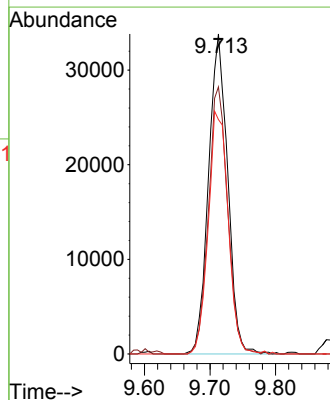
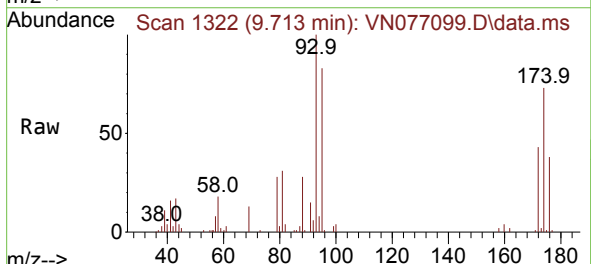
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

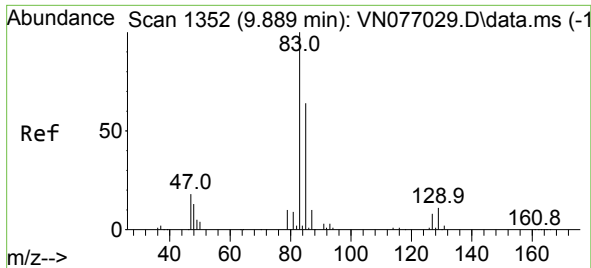
Tgt Ion: 63 Resp: 111452
Ion Ratio Lower Upper
63 100
65 35.6 25.5 38.3



#46
Dibromomethane
Concen: 19.402 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 93 Resp: 68550
Ion Ratio Lower Upper
93 100
95 84.0 65.7 98.5
174 79.3 66.4 99.6

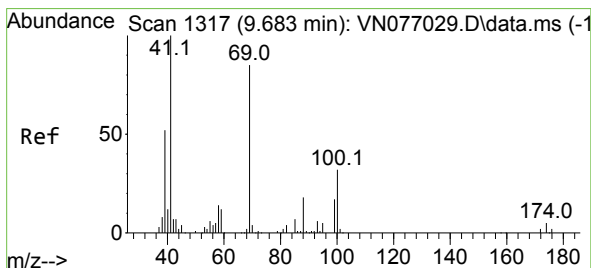
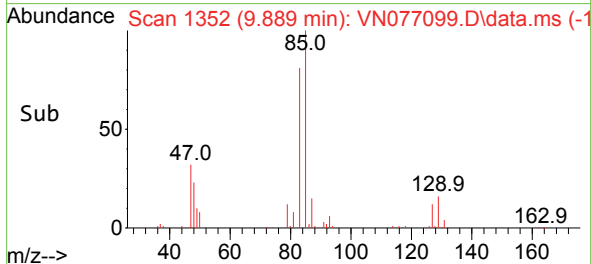
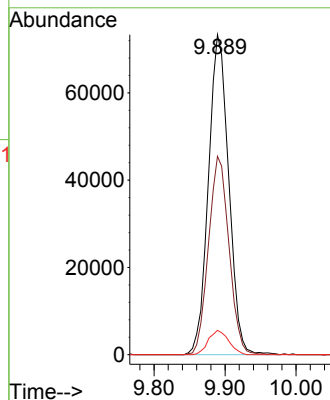
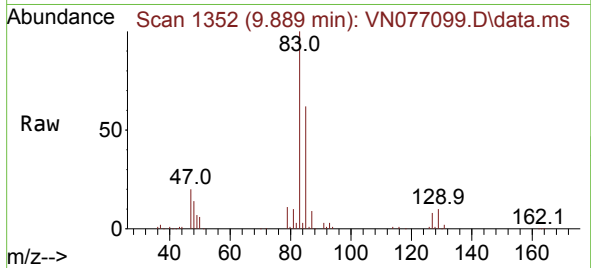




#47
Bromodichloromethane
Concen: 19.638 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

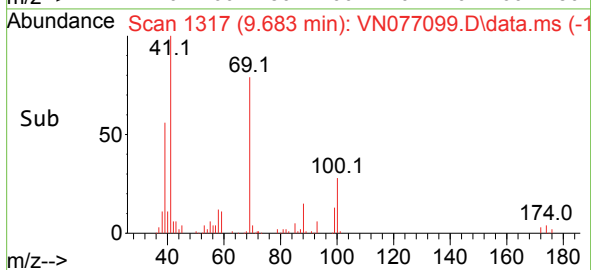
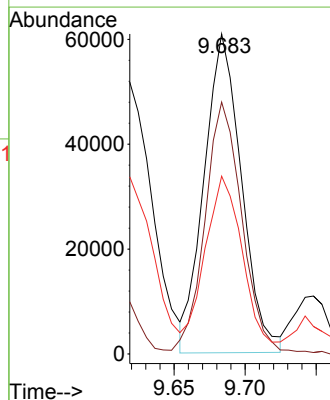
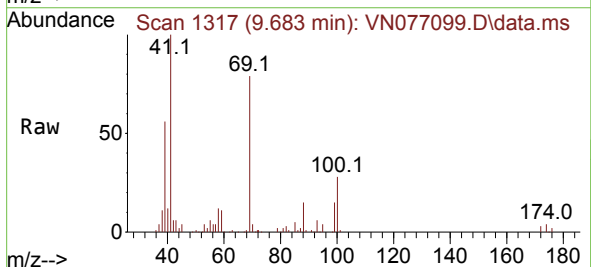
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

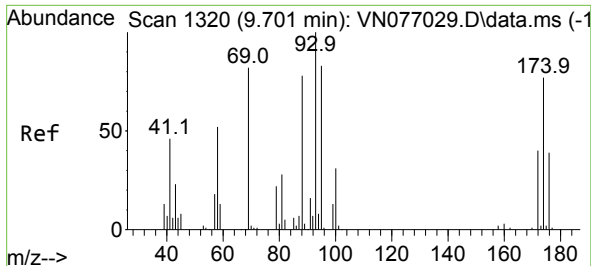
Tgt Ion: 83 Resp: 145518
Ion Ratio Lower Upper
83 100
85 62.0 51.0 76.4
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 19.973 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 41 Resp: 110998
Ion Ratio Lower Upper
41 100
69 79.1 64.3 96.5
39 57.0 43.2 64.8





#49

1,4-Dioxane

Concen: 370.202 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

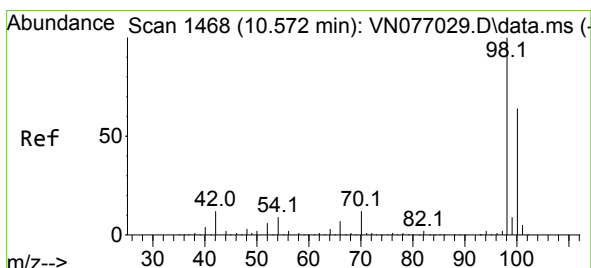
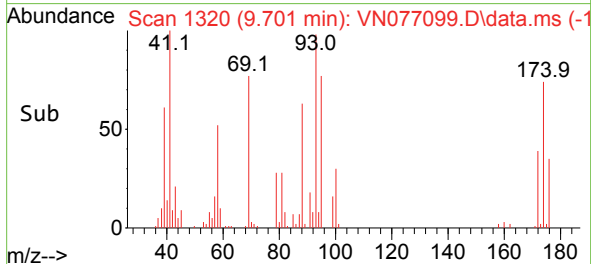
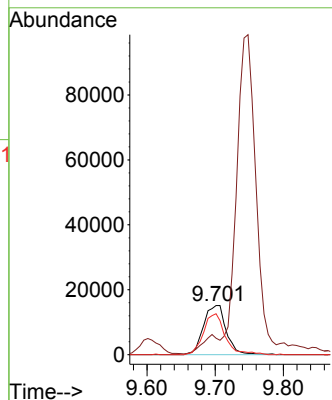
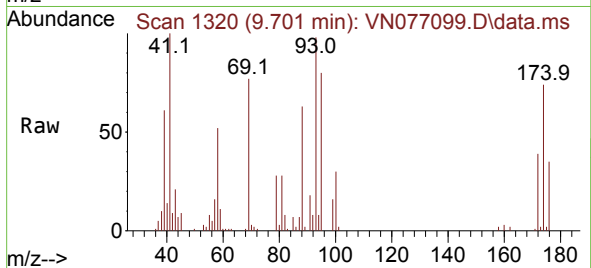
Tgt Ion: 88 Resp: 35139

Ion Ratio Lower Upper

88 100

43 28.5 22.2 33.2

58 79.3 60.8 91.2



#50

Toluene-d8

Concen: 51.664 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077099.D

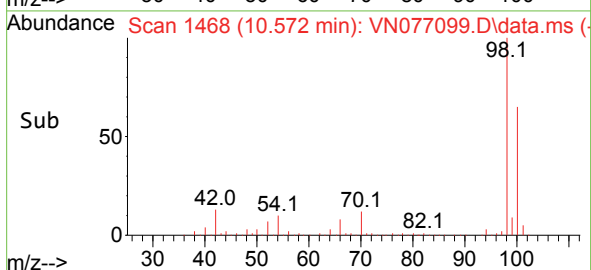
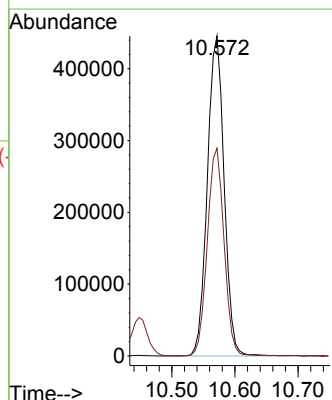
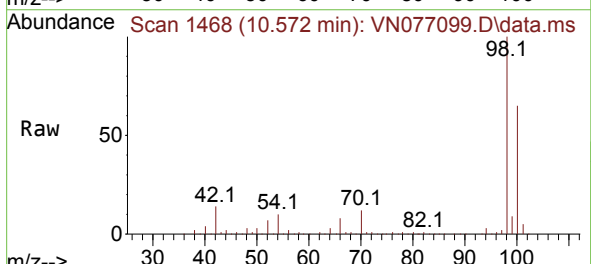
Acq: 22 Mar 2023 11:40

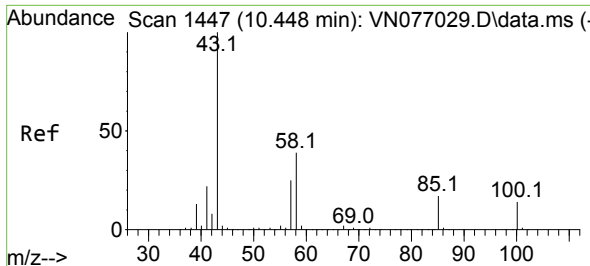
Tgt Ion: 98 Resp: 821787

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 99.158 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

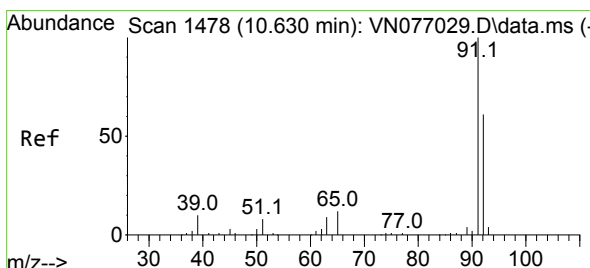
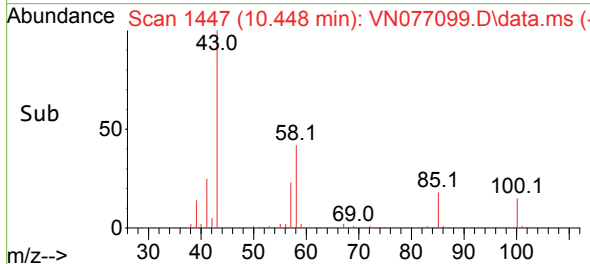
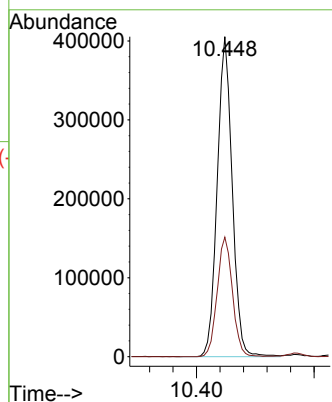
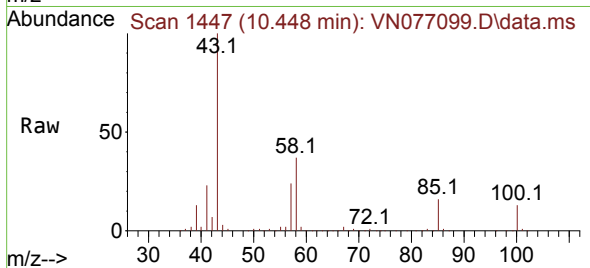
VN0322WBS01

Tgt Ion: 43 Resp: 717793

Ion Ratio Lower Upper

43 100

58 38.1 31.1 46.7



#52

Toluene

Concen: 19.798 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN077099.D

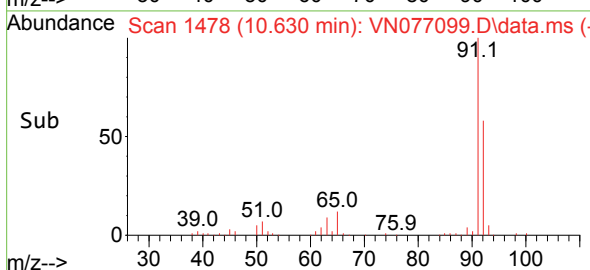
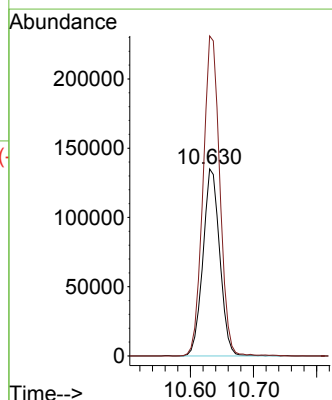
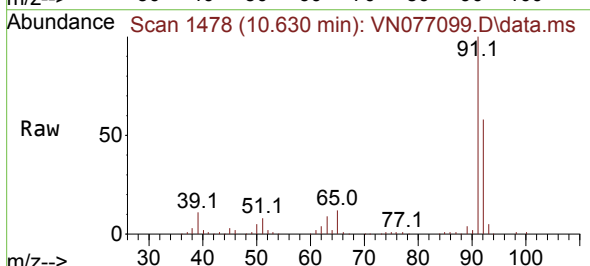
Acq: 22 Mar 2023 11:40

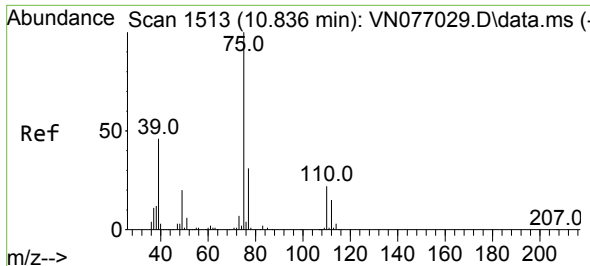
Tgt Ion: 92 Resp: 249341

Ion Ratio Lower Upper

92 100

91 170.4 135.8 203.8

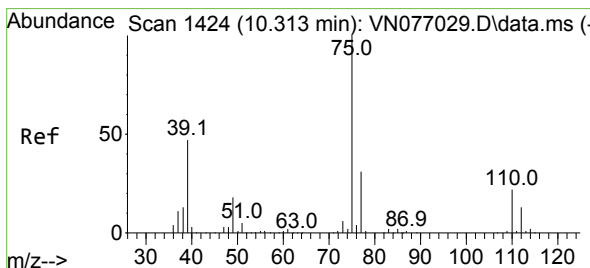
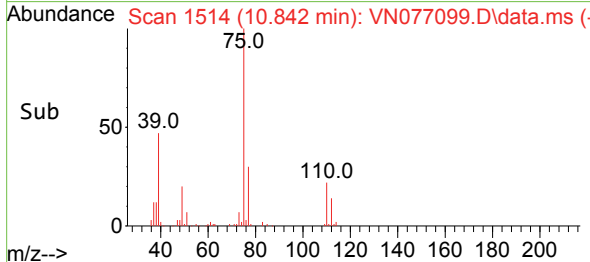
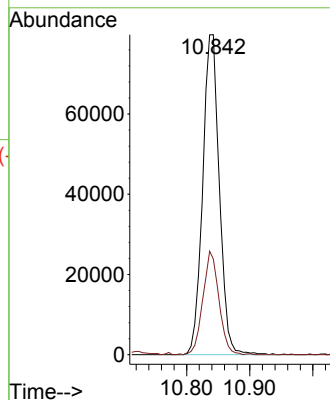
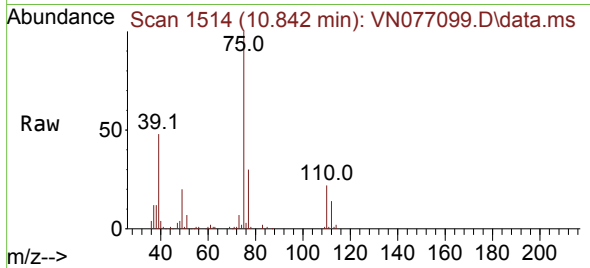




#53
 t-1,3-Dichloropropene
 Concen: 20.147 ug/l
 RT: 10.842 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN077099.D
 Acq: 22 Mar 2023 11:40

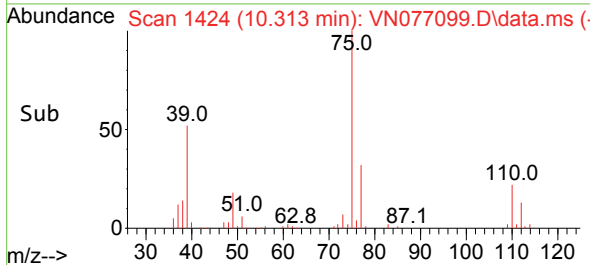
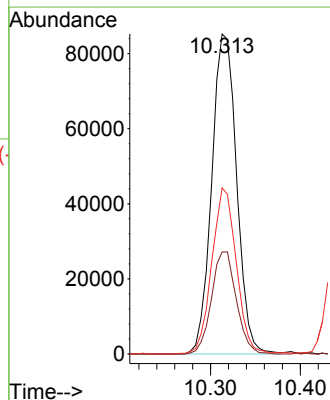
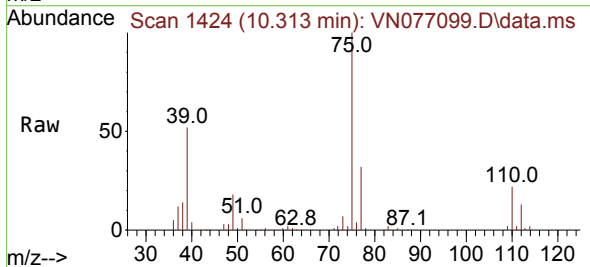
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBS01

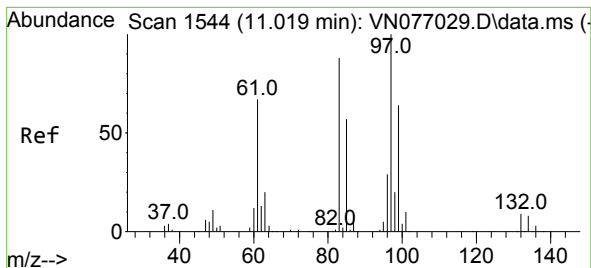
Tgt Ion: 75 Resp: 146320
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.041 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077099.D
 Acq: 22 Mar 2023 11:40

Tgt Ion: 75 Resp: 164227
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.5 36.7
 39 51.7 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 19.913 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

Tgt Ion: 97 Resp: 98891

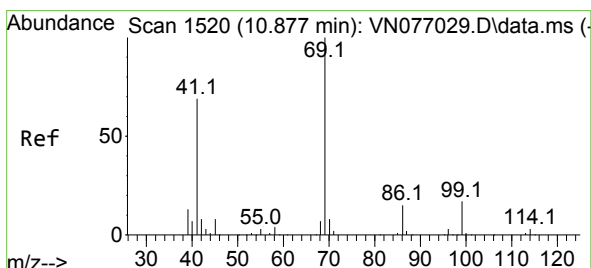
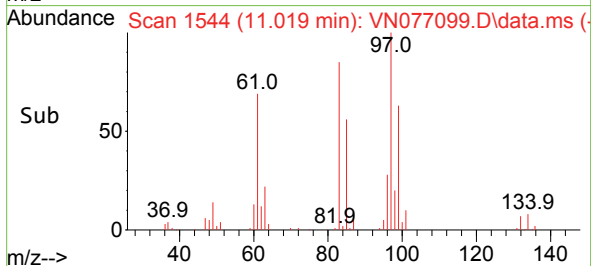
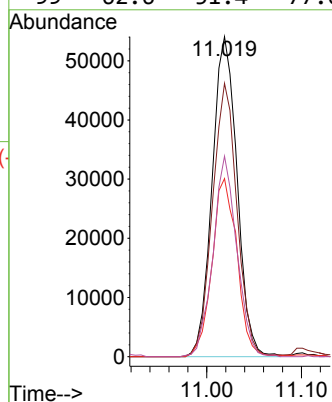
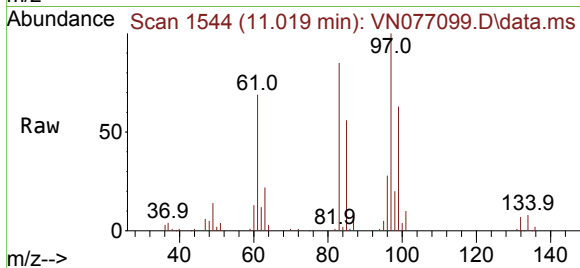
Ion Ratio Lower Upper

97 100

83 85.4 70.5 105.7

85 55.6 45.4 68.2

99 62.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 19.580 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

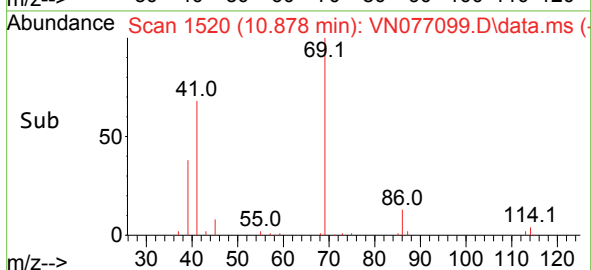
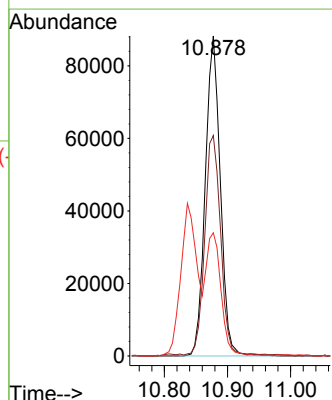
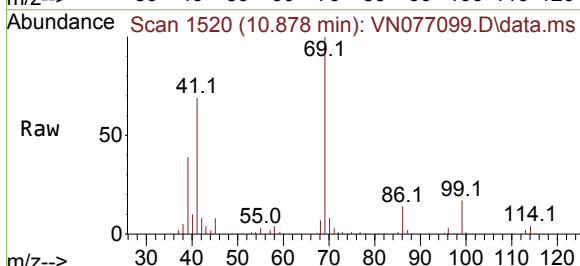
Tgt Ion: 69 Resp: 146217

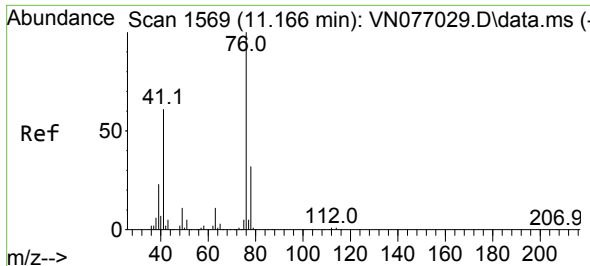
Ion Ratio Lower Upper

69 100

41 71.9 54.9 82.3

39 38.1 26.6 40.0





#57

1,3-Dichloropropane

Concen: 19.299 ug/l

RT: 11.166 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

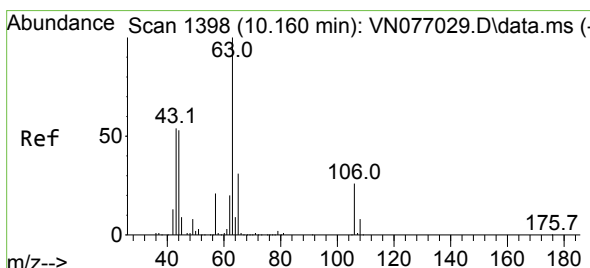
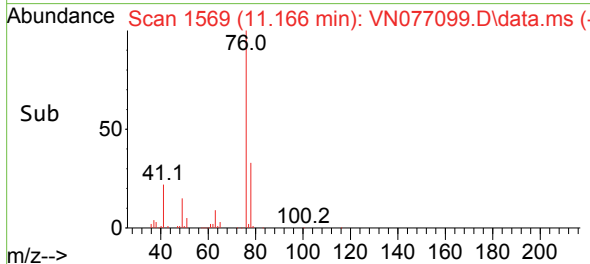
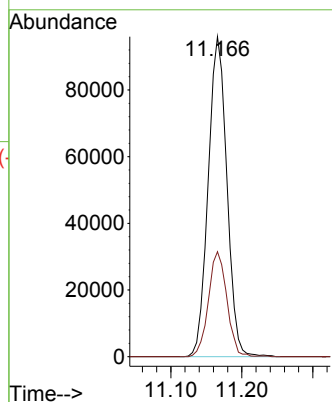
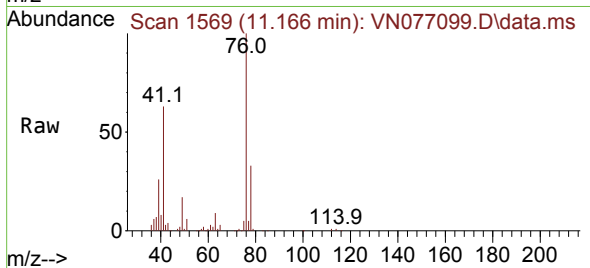
VN0322WBS01

Tgt Ion: 76 Resp: 175469

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.700 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077099.D

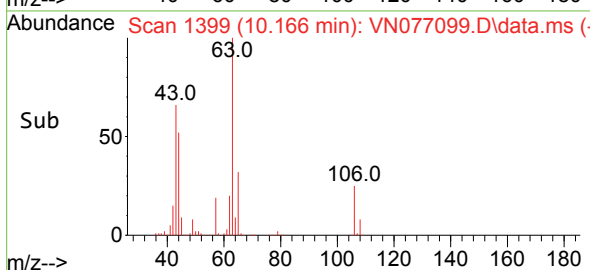
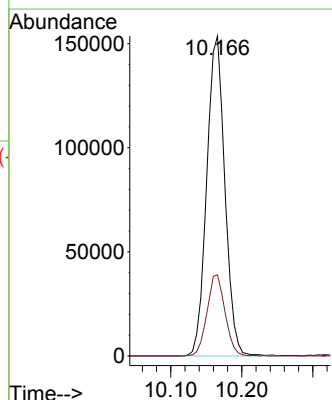
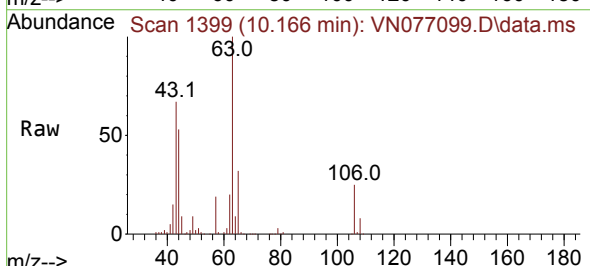
Acq: 22 Mar 2023 11:40

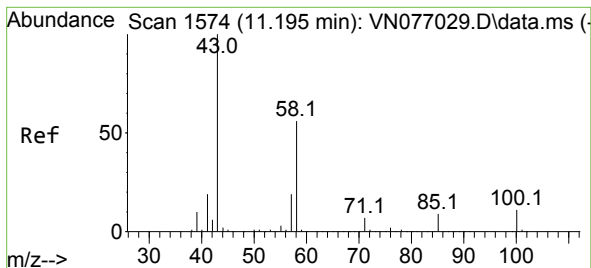
Tgt Ion: 63 Resp: 272845

Ion Ratio Lower Upper

63 100

106 25.2 20.6 31.0

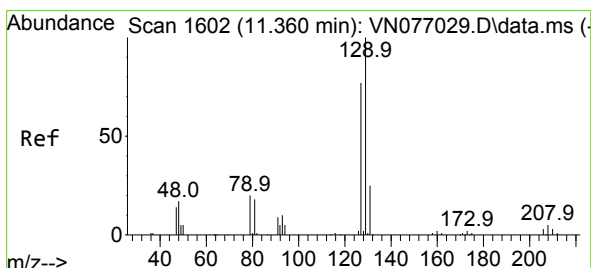
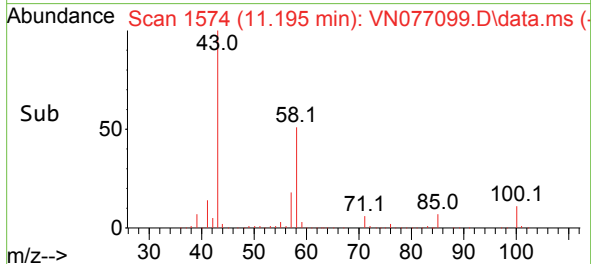
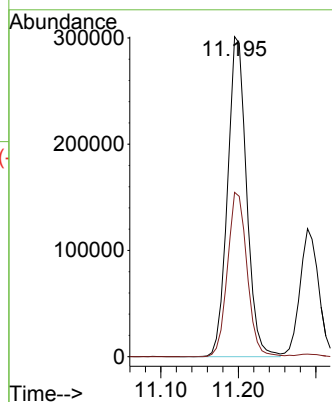
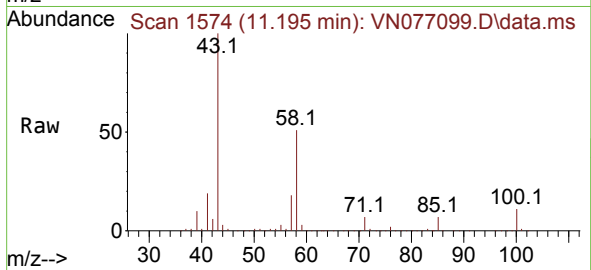




#59
2-Hexanone
Concen: 97.973 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

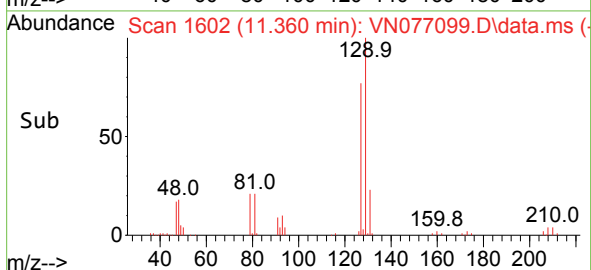
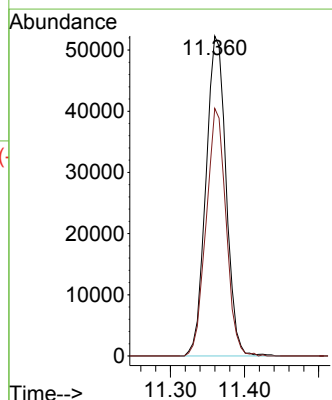
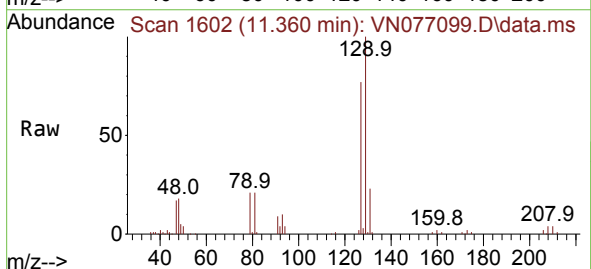
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

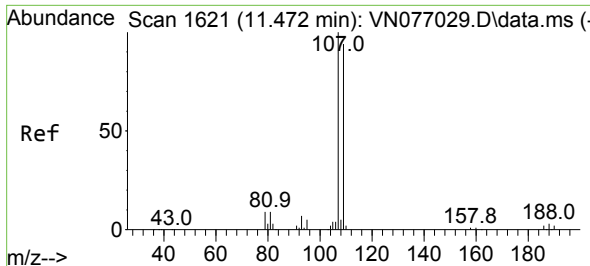
Tgt Ion: 43 Resp: 514406
Ion Ratio Lower Upper
43 100
58 52.8 27.7 83.1



#60
Dibromochloromethane
Concen: 19.782 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 129 Resp: 98682
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7

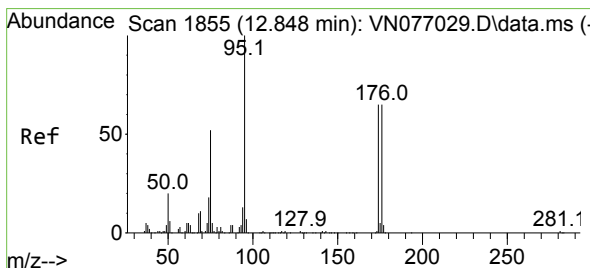
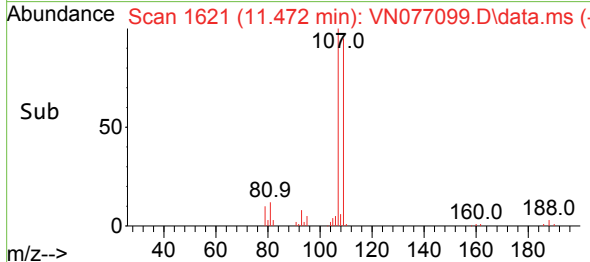
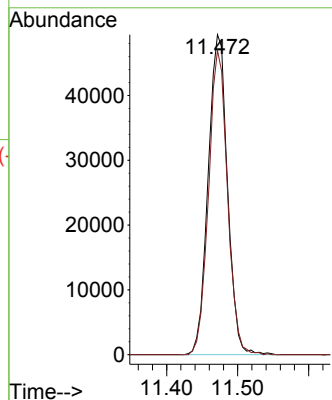
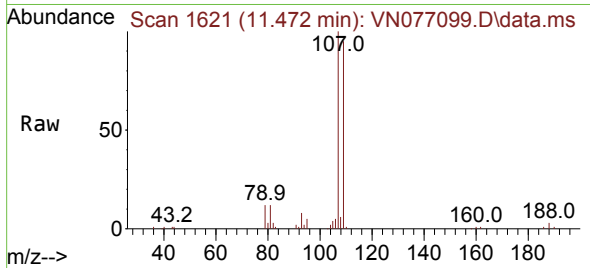




#61
1,2-Dibromoethane
Concen: 18.946 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

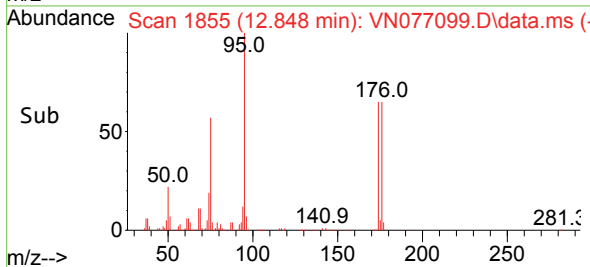
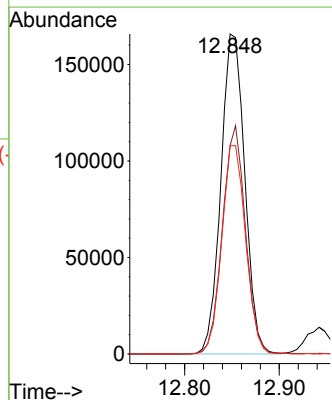
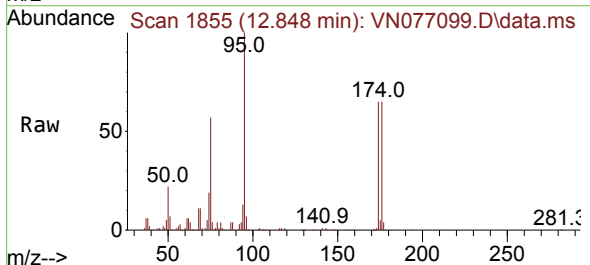
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

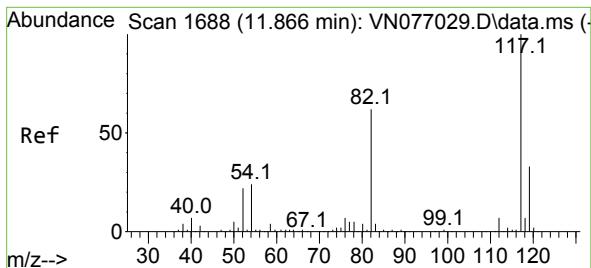
Tgt Ion:107 Resp: 93303
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.756 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 95 Resp: 290907
Ion Ratio Lower Upper
95 100
174 68.9 0.0 136.6
176 65.1 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

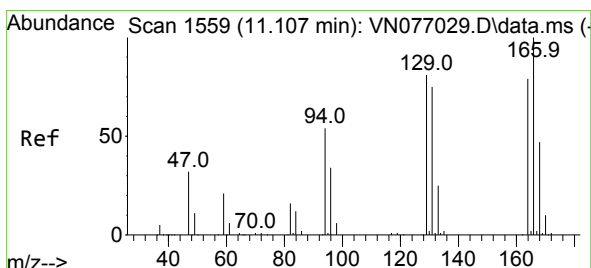
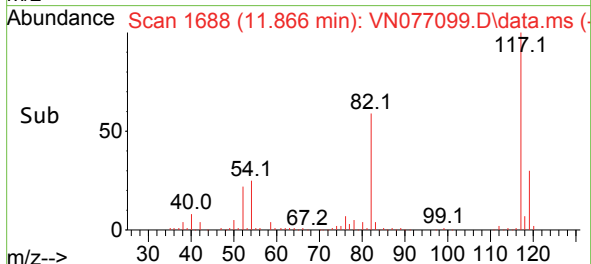
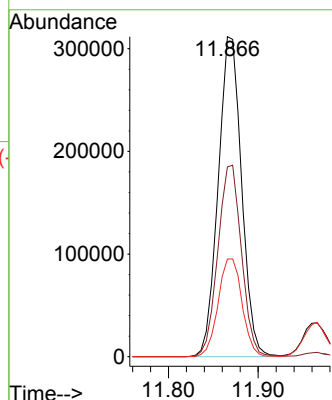
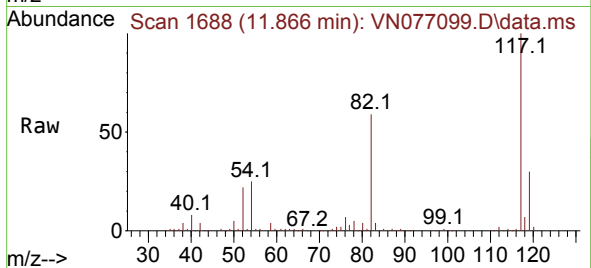
Tgt Ion:117 Resp: 563927

Ion Ratio Lower Upper

117 100

82 59.3 49.4 74.0

119 30.5 26.5 39.7



#64

Tetrachloroethene

Concen: 18.107 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Tgt Ion:164 Resp: 68529

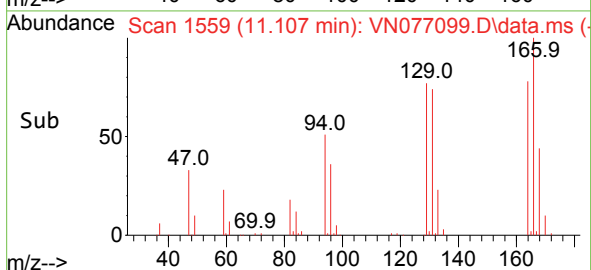
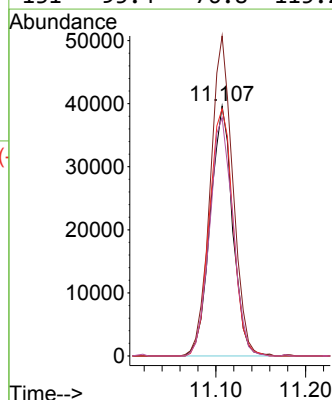
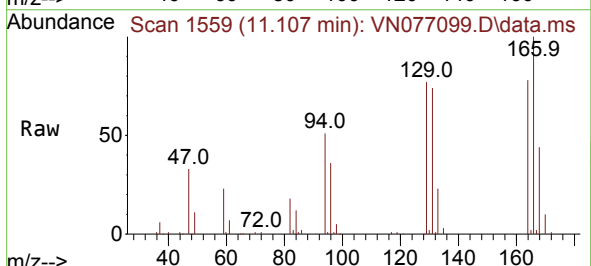
Ion Ratio Lower Upper

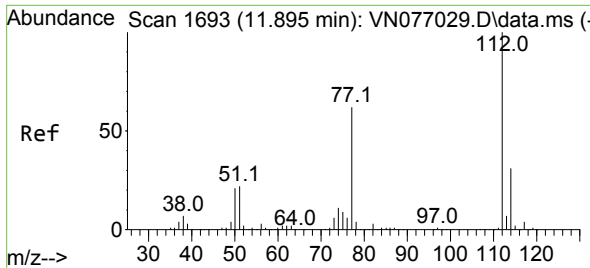
164 100

166 128.1 101.9 152.9

129 99.0 82.6 123.8

131 95.4 76.8 115.2

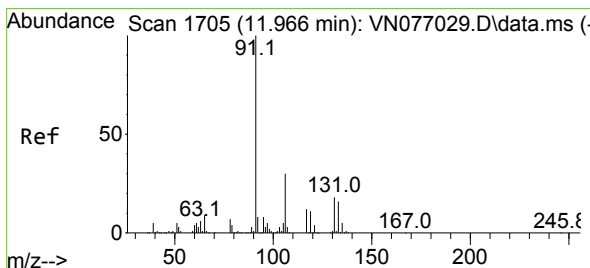
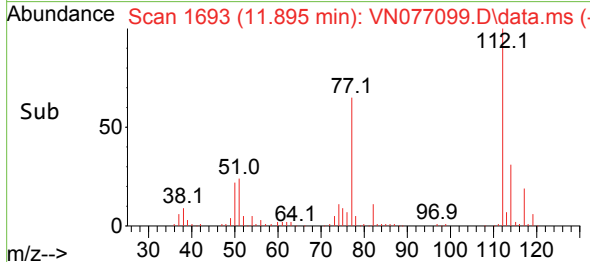
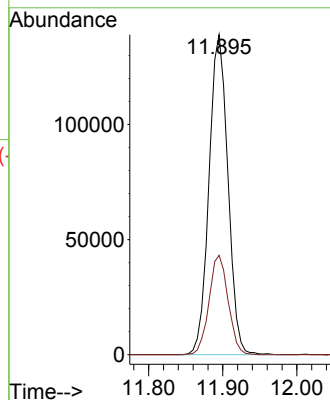
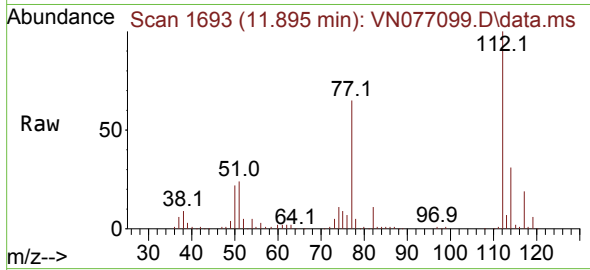




#65
Chlorobenzene
Concen: 18.958 ug/l
RT: 11.895 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

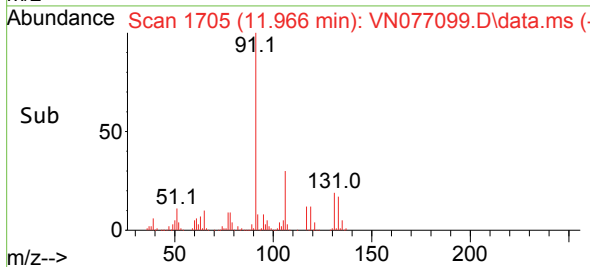
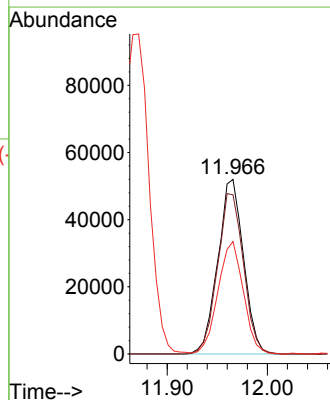
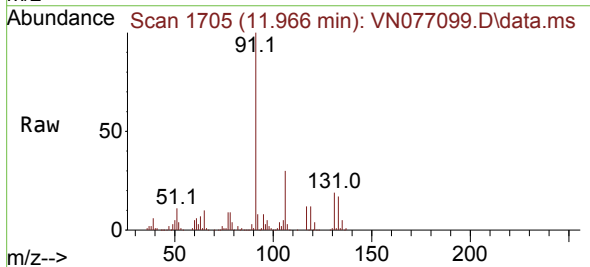
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

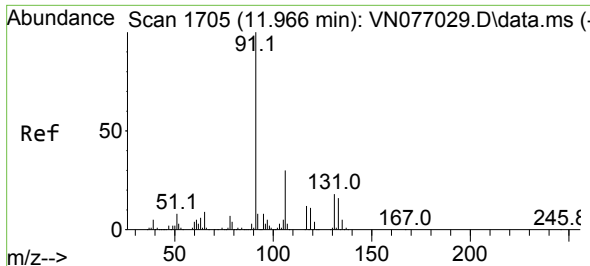
Tgt Ion:112 Resp: 245988
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.224 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion:131 Resp: 92298
Ion Ratio Lower Upper
131 100
133 93.0 46.8 140.3
119 63.8 32.6 97.8

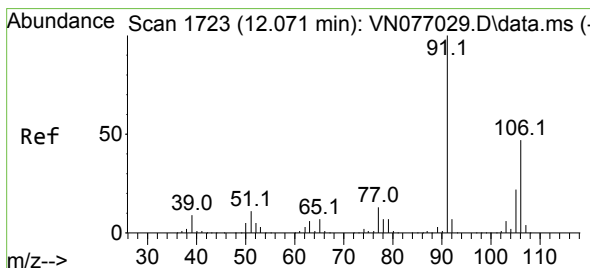
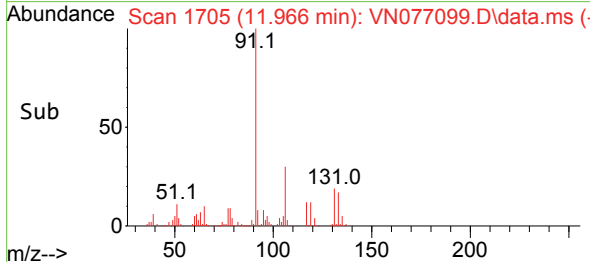
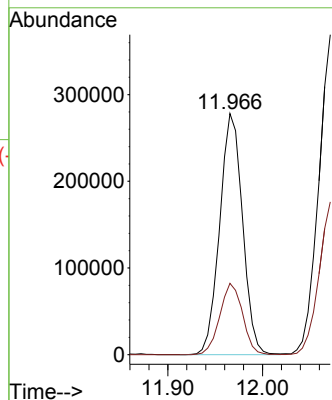
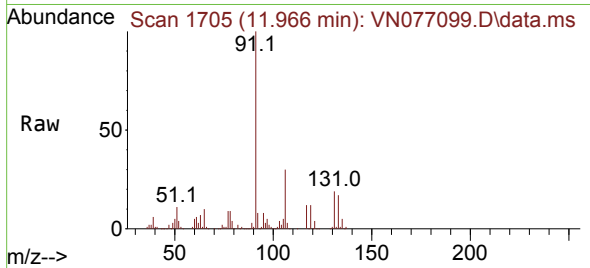




#67
Ethyl Benzene
Concen: 19.821 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

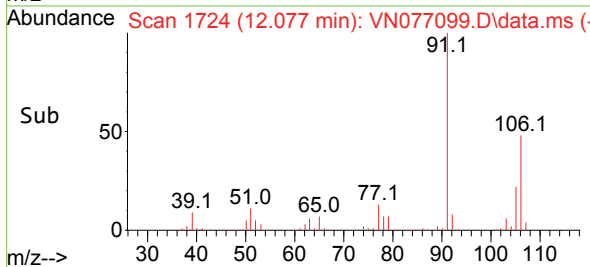
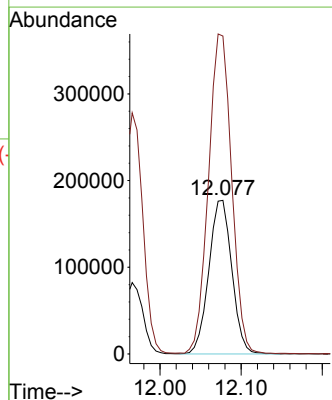
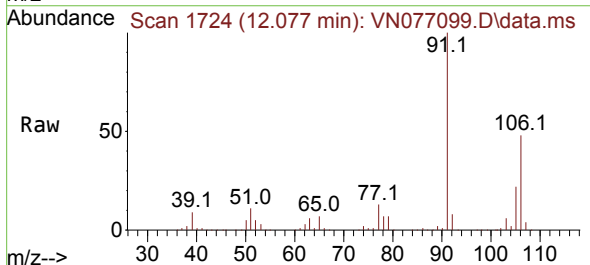
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

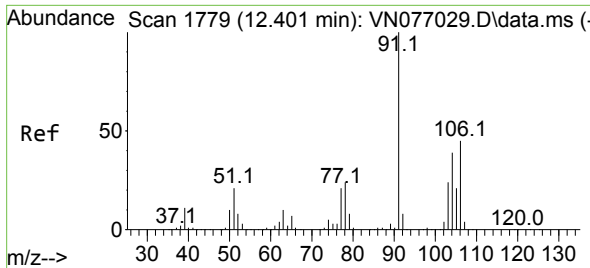
Tgt Ion: 91 Resp: 467147
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 39.937 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion:106 Resp: 349074
Ion Ratio Lower Upper
106 100
91 209.4 168.0 252.0

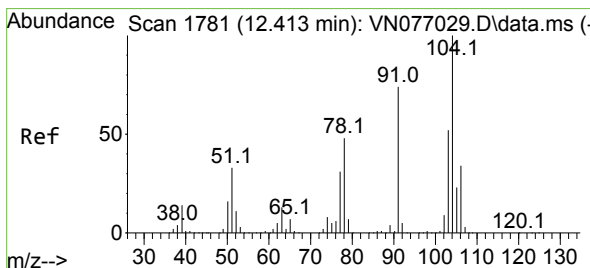
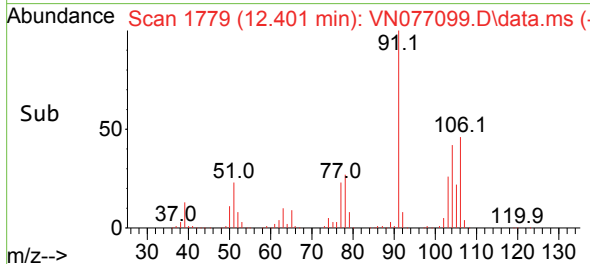
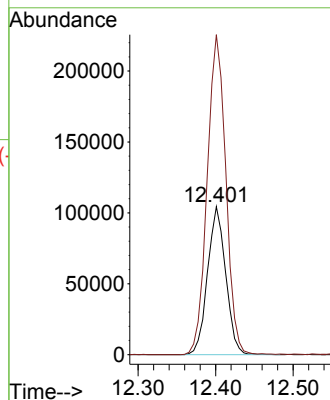
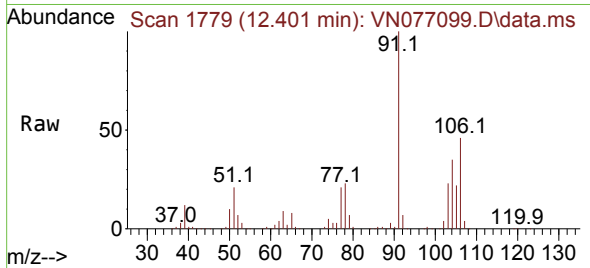




#69
o-Xylene
Concen: 19.530 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

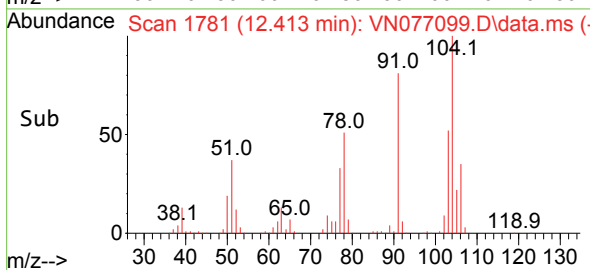
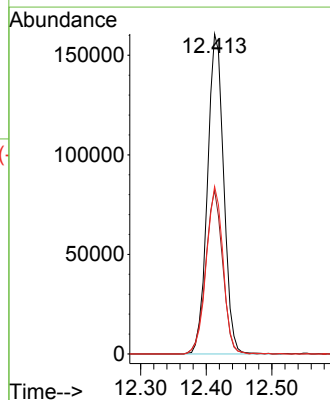
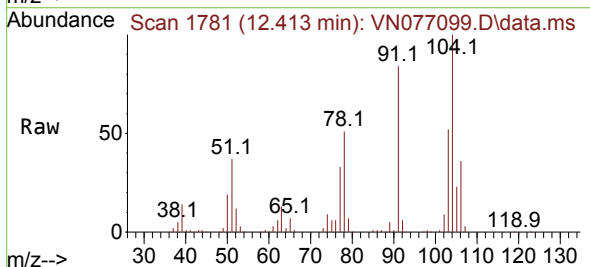
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

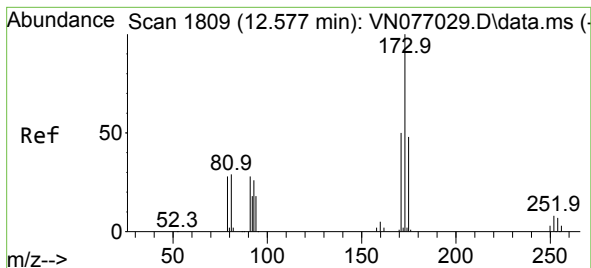
Tgt Ion:106 Resp: 169618
Ion Ratio Lower Upper
106 100
91 222.5 110.3 330.9



#70
Styrene
Concen: 20.472 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion:104 Resp: 276814
Ion Ratio Lower Upper
104 100
78 53.5 41.8 62.8
103 54.2 43.8 65.6





#71

Bromoform

Concen: 18.725 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

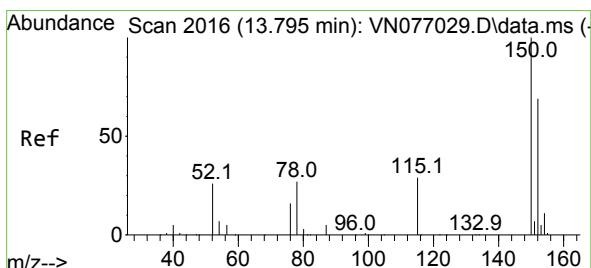
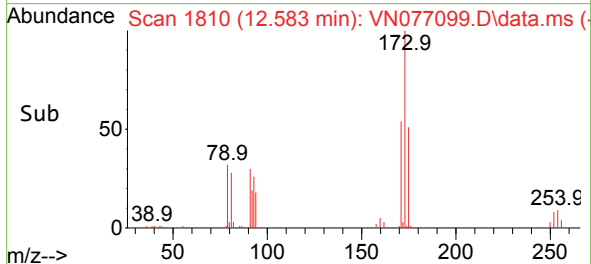
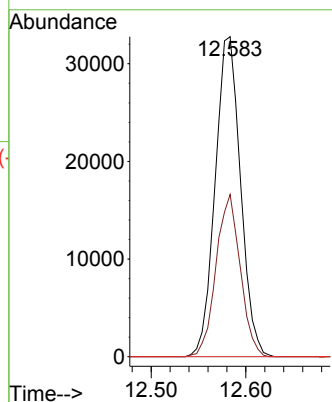
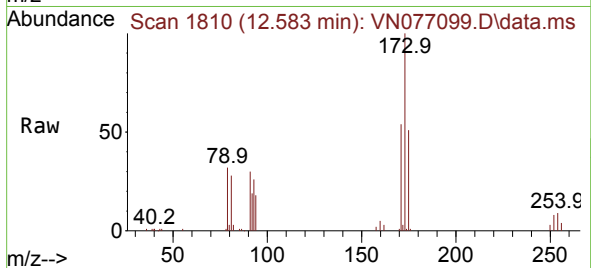
Tgt Ion:173 Resp: 60918

Ion Ratio Lower Upper

173 100

175 48.4 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: VN077099.D

Acq: 22 Mar 2023 11:40

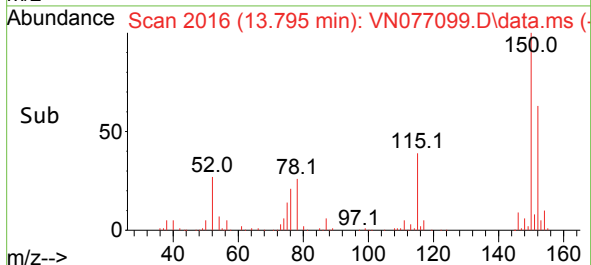
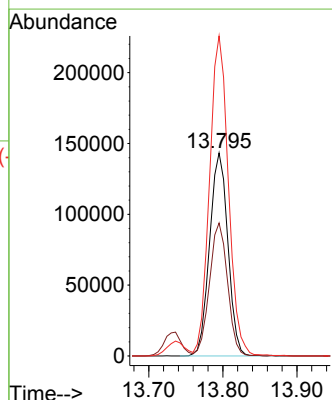
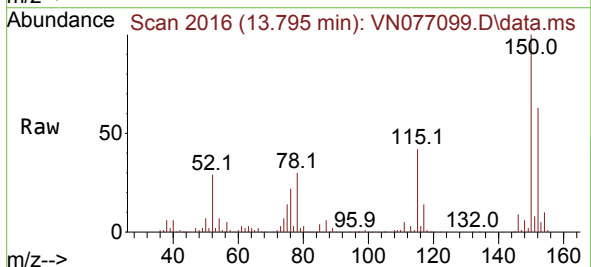
Tgt Ion:152 Resp: 245548

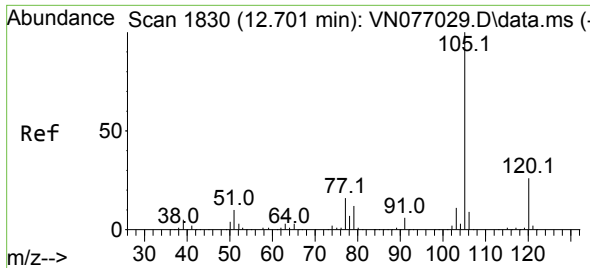
Ion Ratio Lower Upper

152 100

115 64.8 31.9 95.7

150 162.7 0.0 348.0

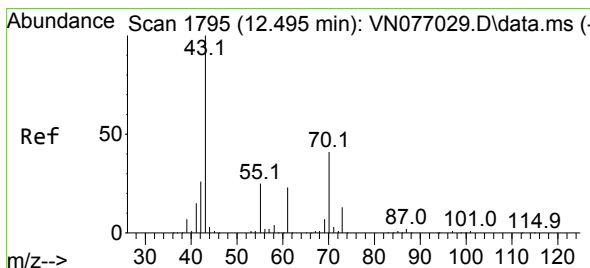
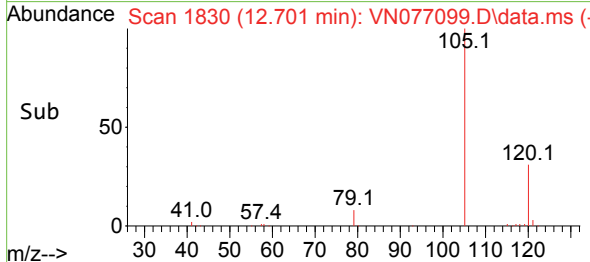
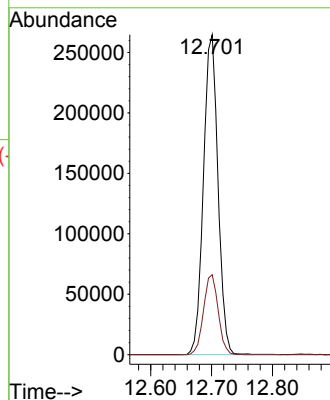
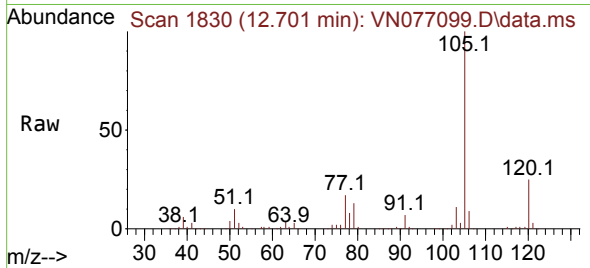




#73
Isopropylbenzene
Concen: 19.919 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

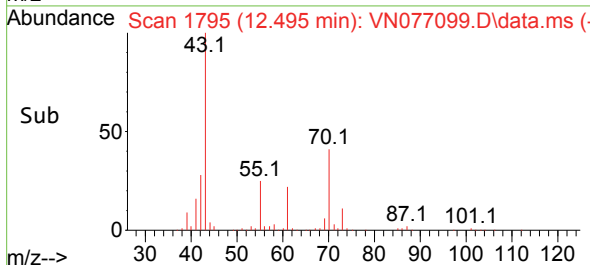
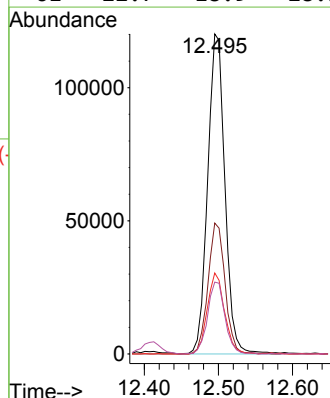
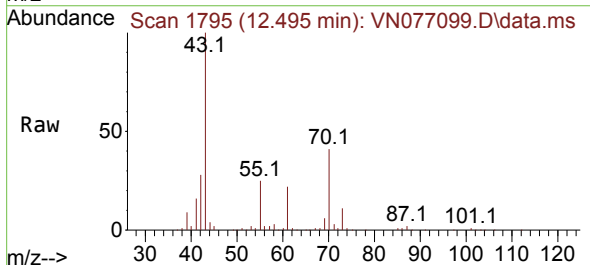
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

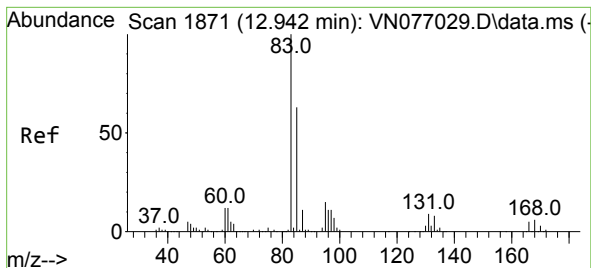
Tgt Ion:105 Resp: 438325
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4



#74
N-ethyl acetate
Concen: 20.394 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 43 Resp: 194248
Ion Ratio Lower Upper
43 100
70 40.6 33.6 50.4
55 25.4 20.3 30.5
61 22.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.209 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

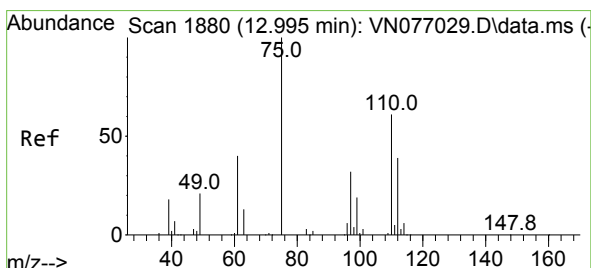
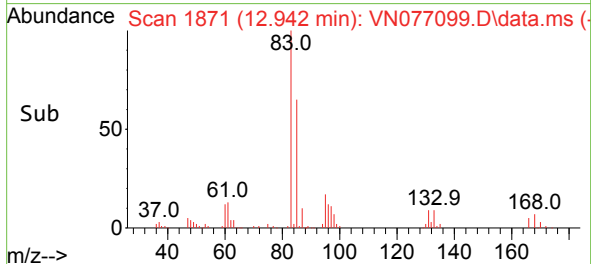
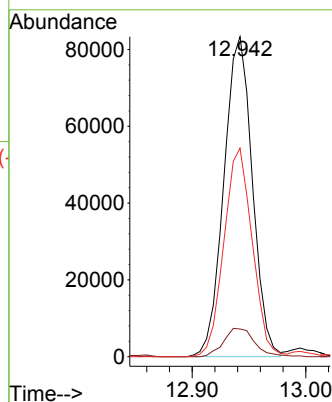
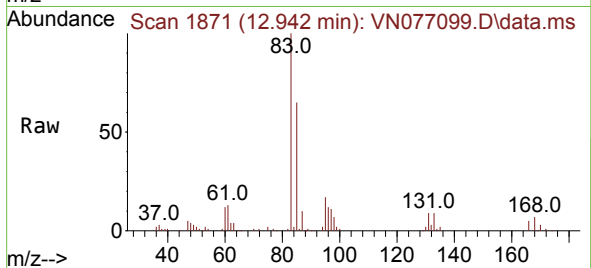
Tgt Ion: 83 Resp: 145164

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.7

85 64.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 28.355 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077099.D

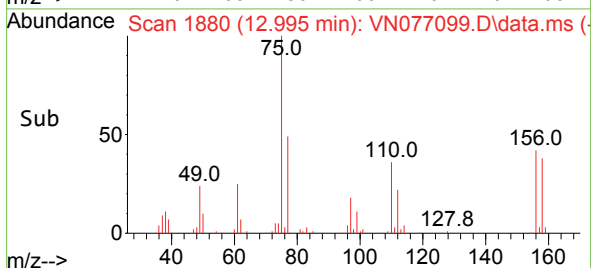
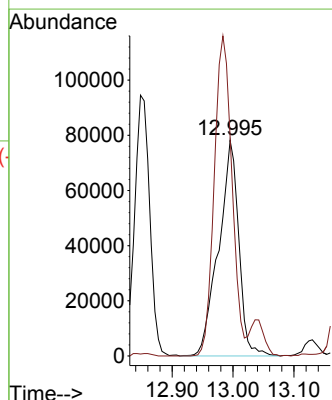
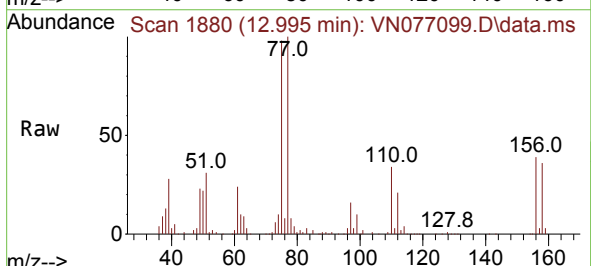
Acq: 22 Mar 2023 11:40

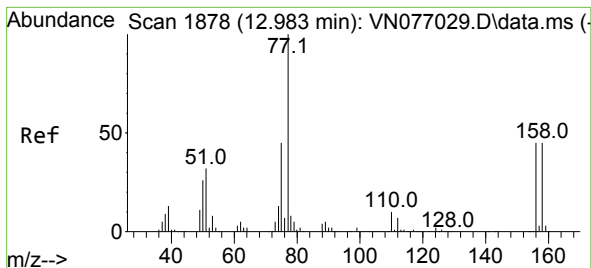
Tgt Ion: 75 Resp: 180093

Ion Ratio Lower Upper

75 100

77 129.8 107.3 322.0





#77

Bromobenzene

Concen: 19.092 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

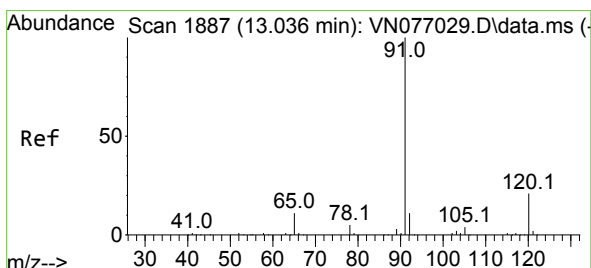
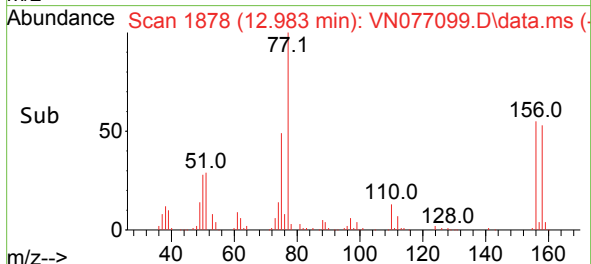
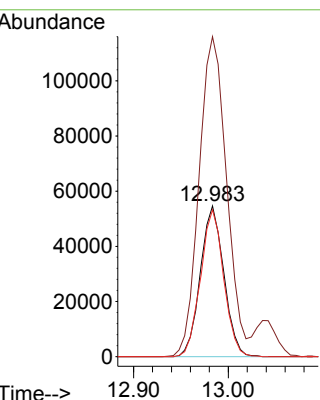
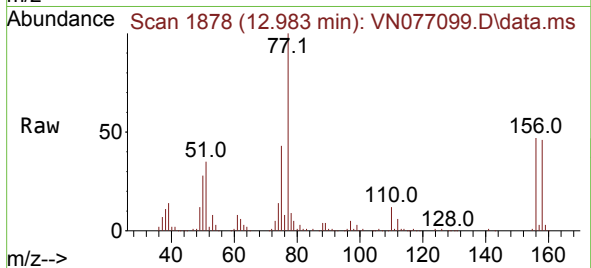
Tgt Ion:156 Resp: 94114

Ion Ratio Lower Upper

156 100

77 248.3 124.8 374.3

158 96.0 48.6 145.9



#78

n-propylbenzene

Concen: 20.722 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.006 min

Lab File: VN077099.D

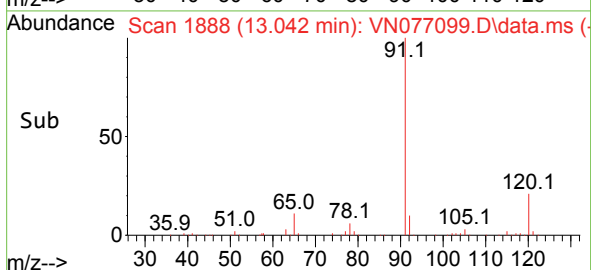
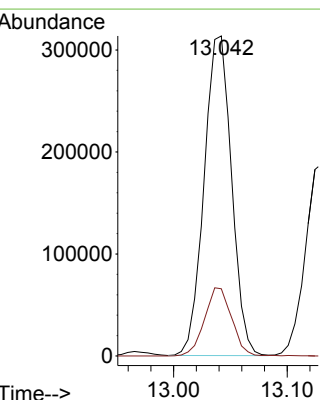
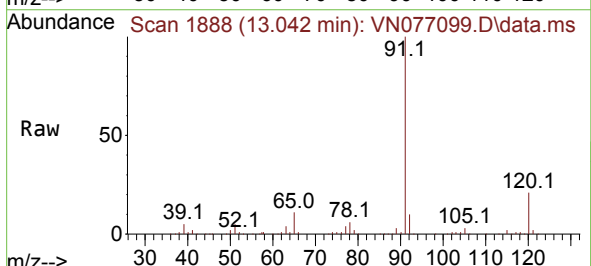
Acq: 22 Mar 2023 11:40

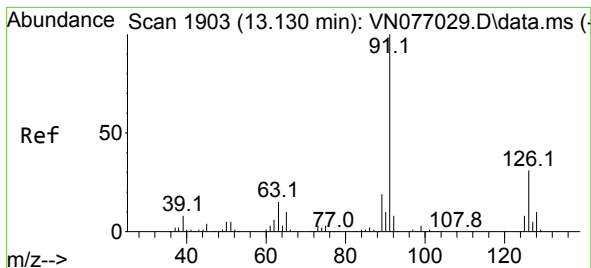
Tgt Ion: 91 Resp: 526398

Ion Ratio Lower Upper

91 100

120 21.1 10.8 32.3





#79

2-Chlorotoluene

Concen: 20.028 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

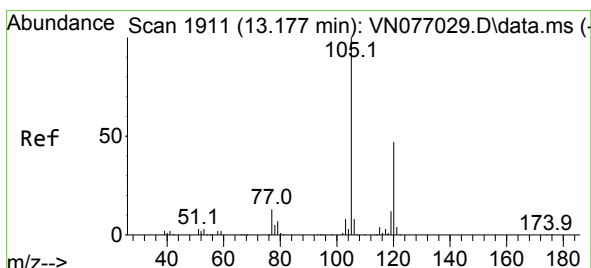
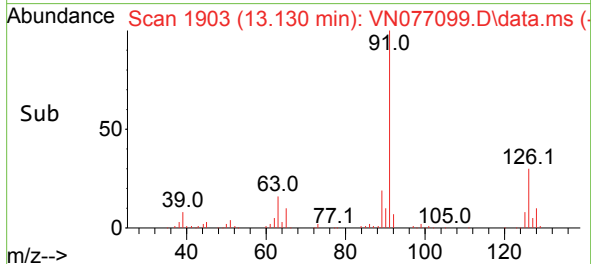
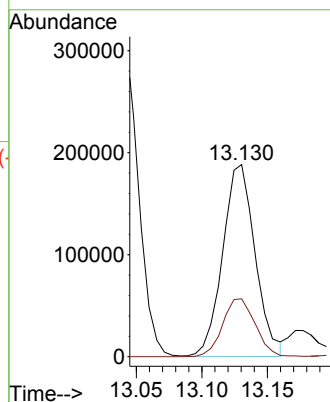
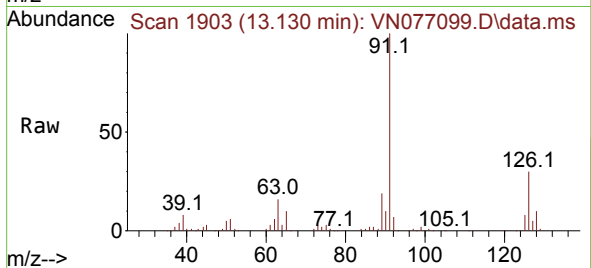
VN0322WBS01

Tgt Ion: 91 Resp: 324177

Ion Ratio Lower Upper

91 100

126 30.4 15.2 45.5



#80

1,3,5-Trimethylbenzene

Concen: 21.056 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077099.D

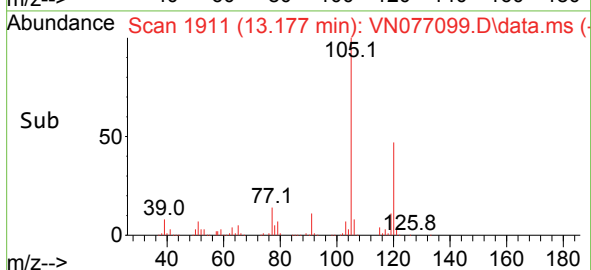
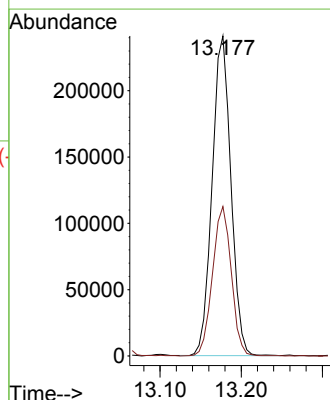
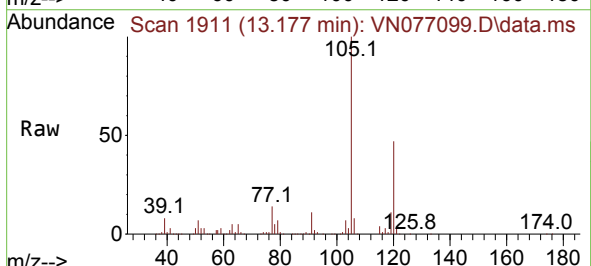
Acq: 22 Mar 2023 11:40

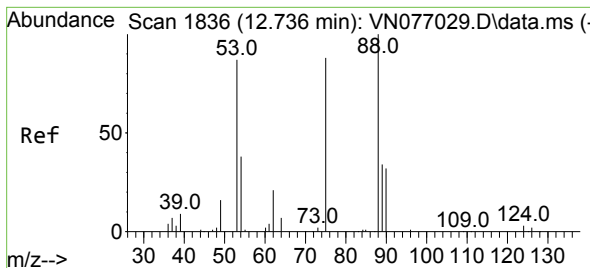
Tgt Ion: 105 Resp: 386845

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.2

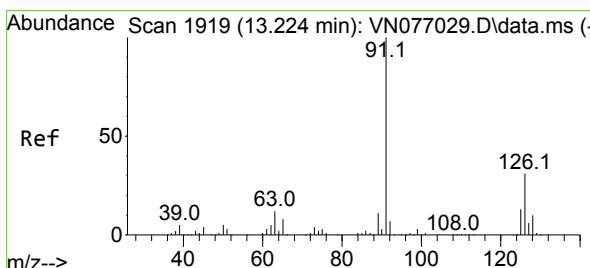
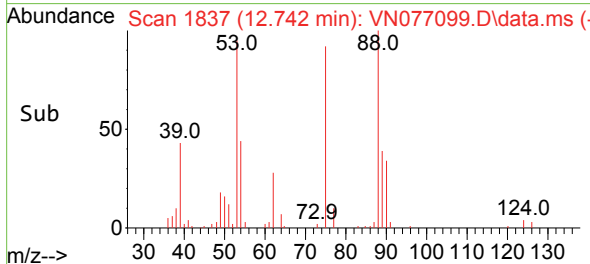
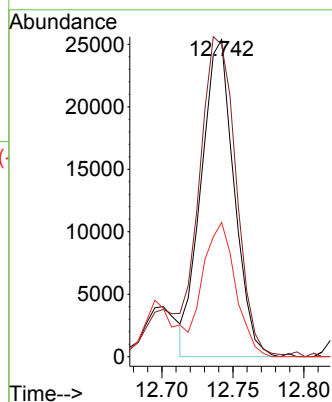
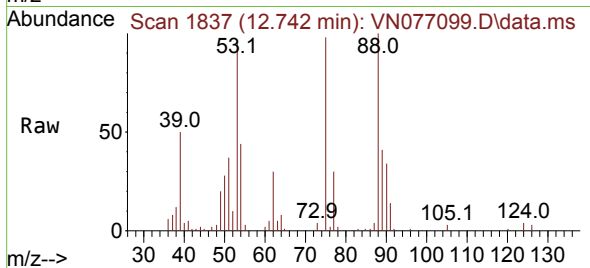




#81
trans-1,4-Dichloro-2-butene
Concen: 17.718 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

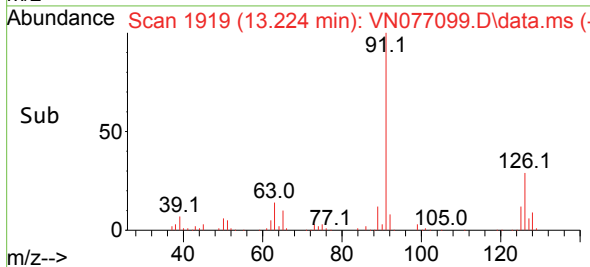
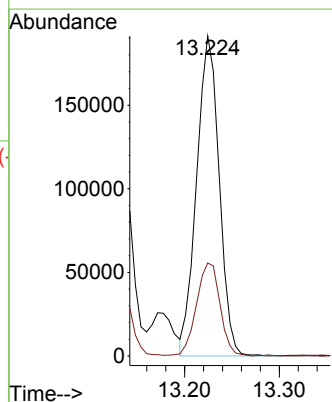
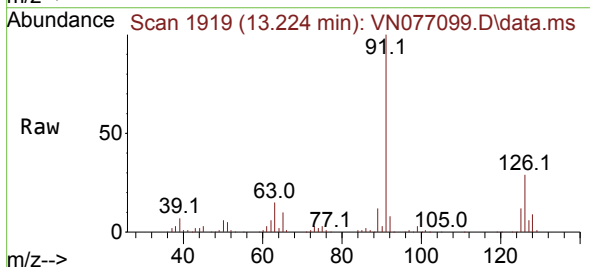
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

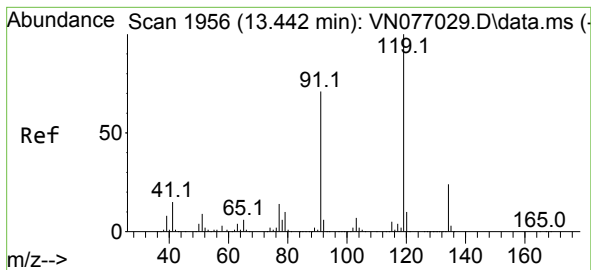
Tgt Ion: 75 Resp: 40883
Ion Ratio Lower Upper
75 100
53 127.3 80.8 121.2#
89 41.5 34.2 51.4



#82
4-Chlorotoluene
Concen: 20.620 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 91 Resp: 317382
Ion Ratio Lower Upper
91 100
126 30.4 15.5 46.5

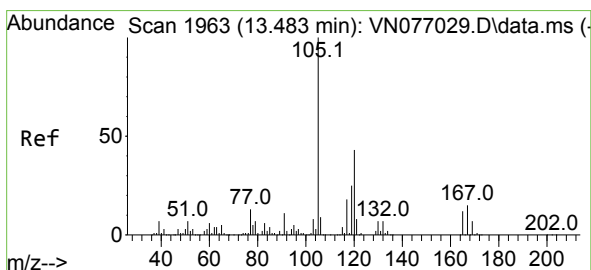
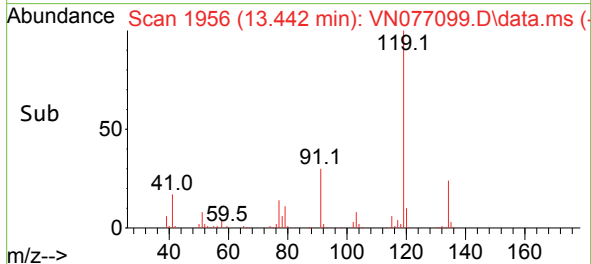
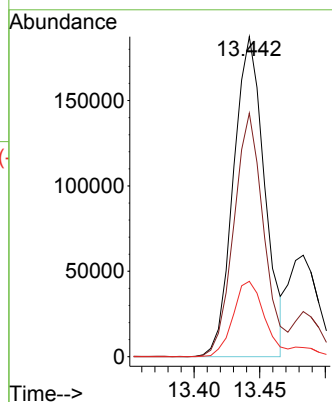
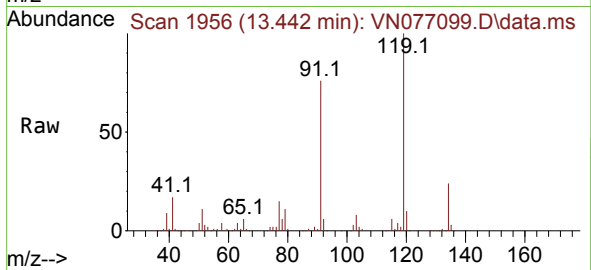




#83
tert-Butylbenzene
Concen: 20.100 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

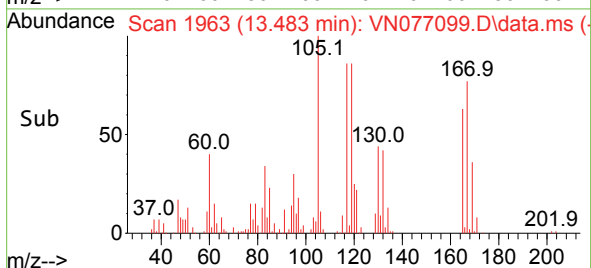
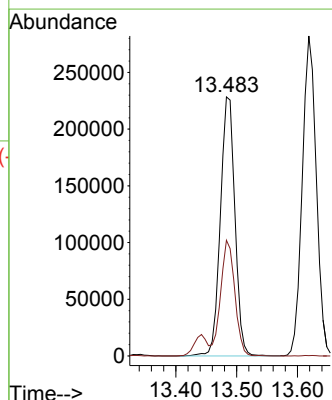
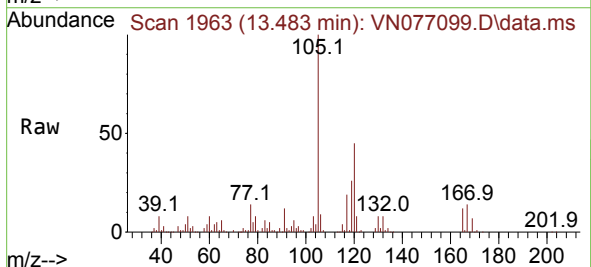
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

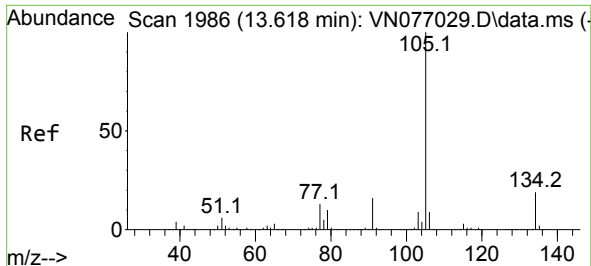
Tgt Ion:119 Resp: 310059
Ion Ratio Lower Upper
119 100
91 73.7 35.8 107.3
134 23.9 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.703 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion:105 Resp: 379579
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.3

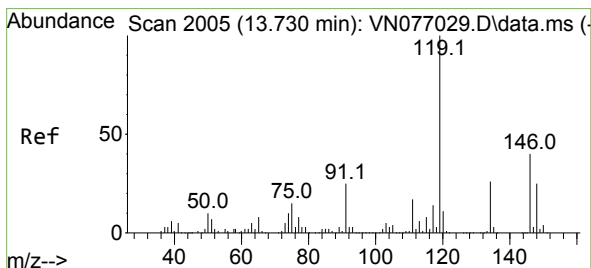
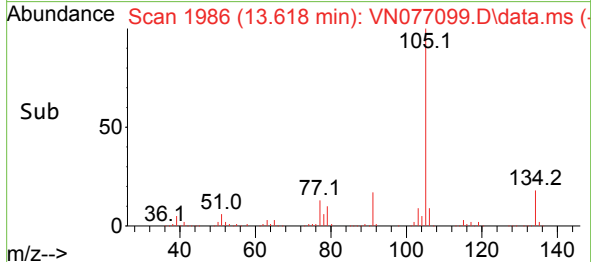
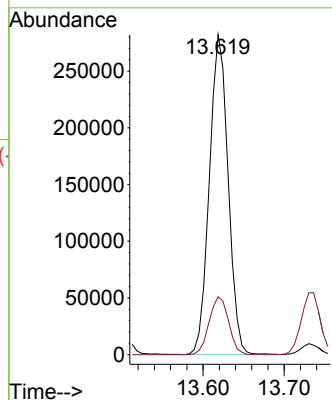
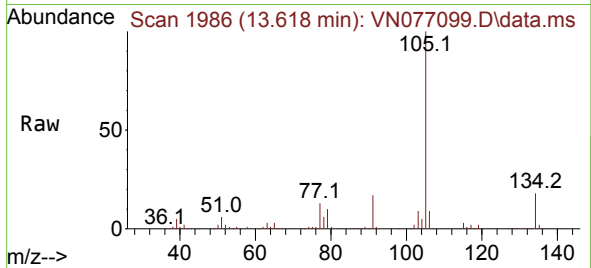




#85
 sec-Butylbenzene
 Concen: 20.609 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077099.D
 Acq: 22 Mar 2023 11:40

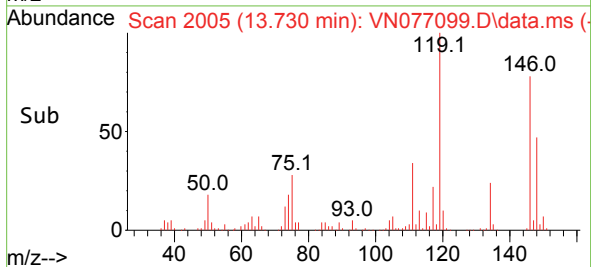
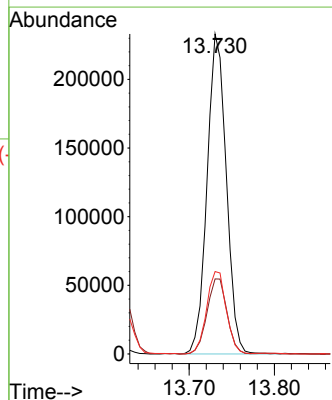
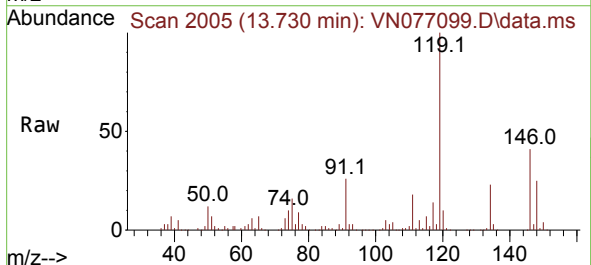
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBS01

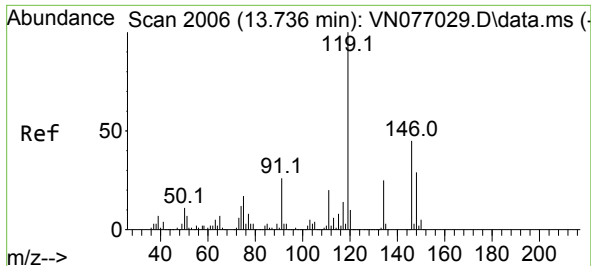
Tgt Ion:105 Resp: 452219
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 20.704 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077099.D
 Acq: 22 Mar 2023 11:40

Tgt Ion:119 Resp: 364827
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.4
 91 26.3 12.7 38.1

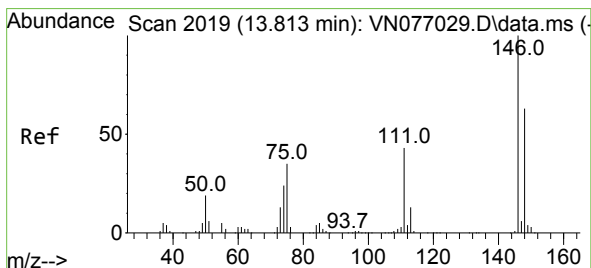
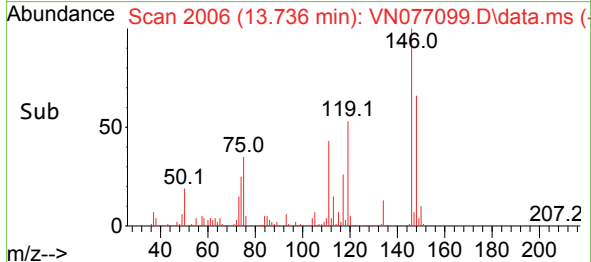
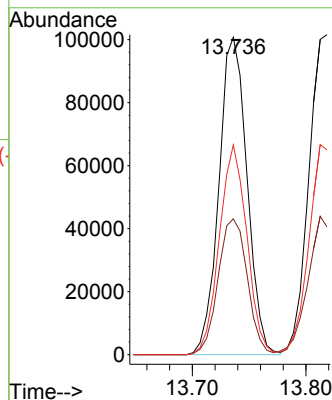
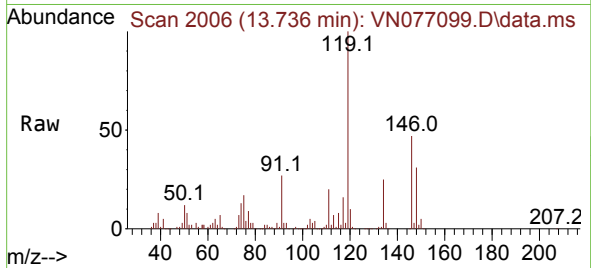




#87
1,3-Dichlorobenzene
Concen: 18.602 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

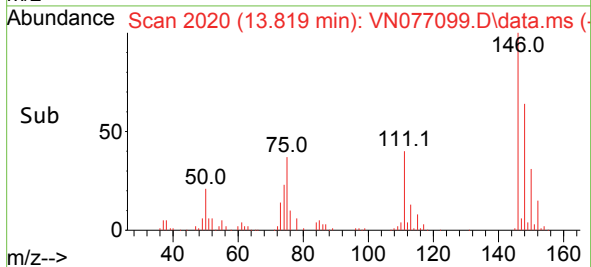
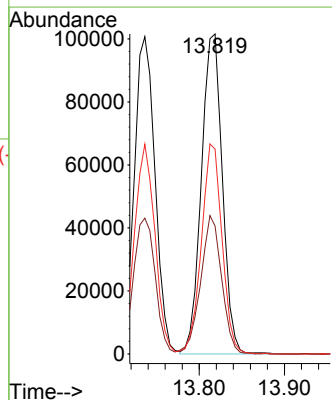
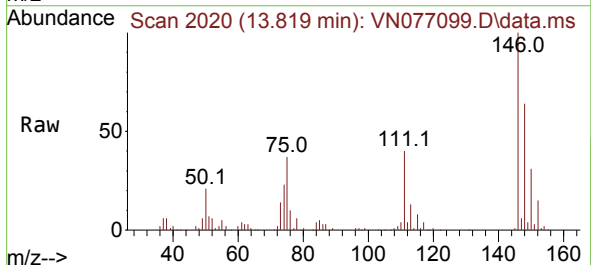
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

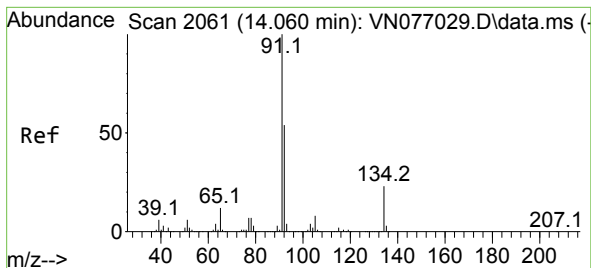
Tgt Ion:146 Resp: 173309
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 64.5 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 18.754 ug/l
RT: 13.819 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion:146 Resp: 173834
Ion Ratio Lower Upper
146 100
111 43.4 21.5 64.5
148 64.9 31.9 95.9





#89

n-Butylbenzene

Concen: 19.958 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

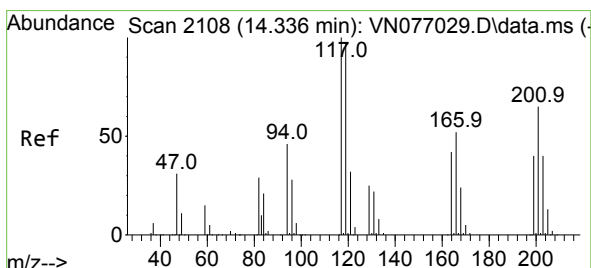
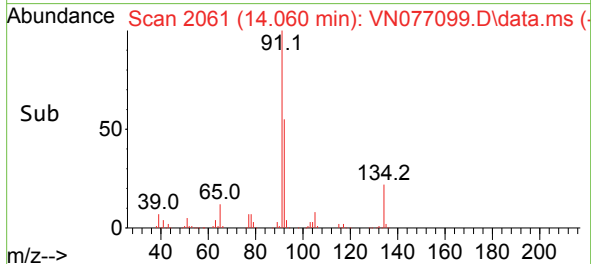
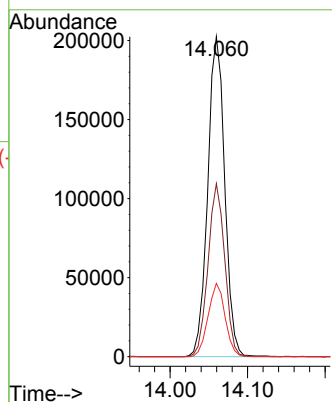
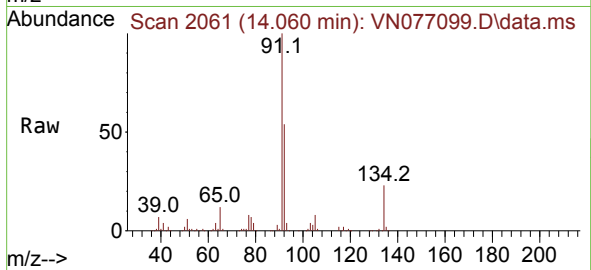
Tgt Ion: 91 Resp: 308525

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 22.9 11.7 35.1



#90

Hexachloroethane

Concen: 19.224 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077099.D

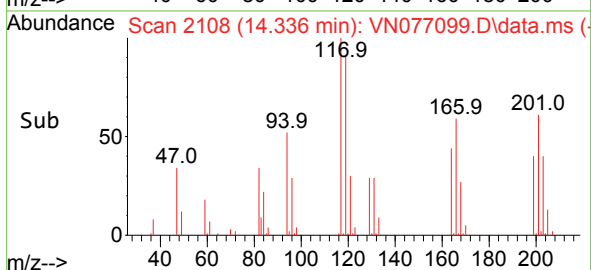
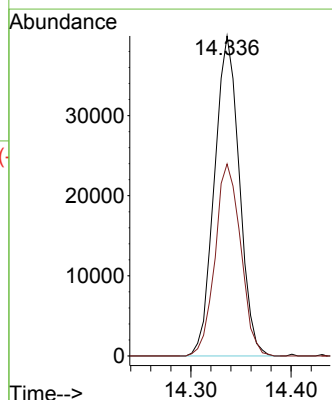
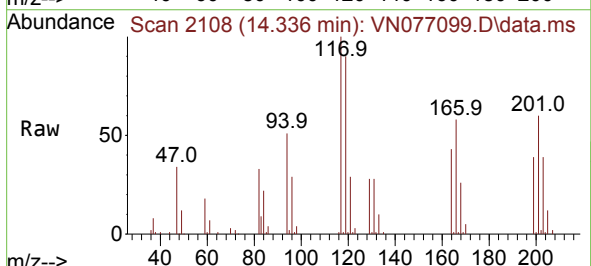
Acq: 22 Mar 2023 11:40

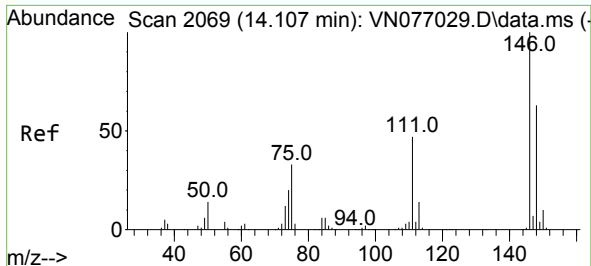
Tgt Ion: 117 Resp: 68872

Ion Ratio Lower Upper

117 100

201 61.7 32.5 97.4

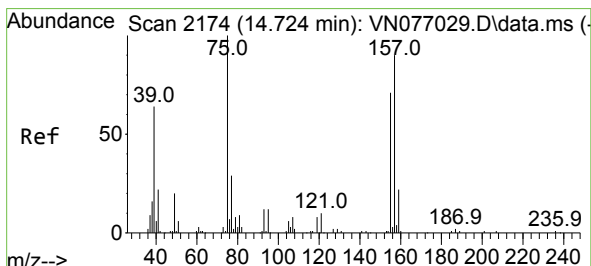
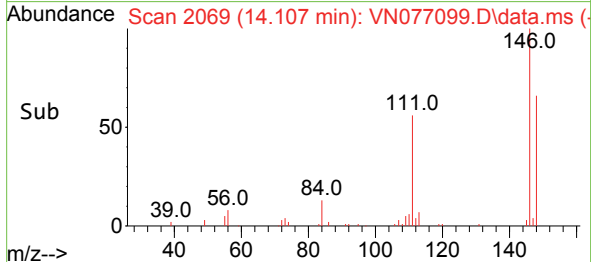
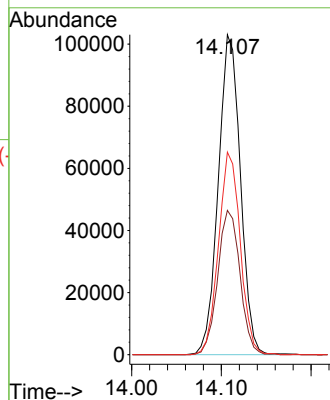
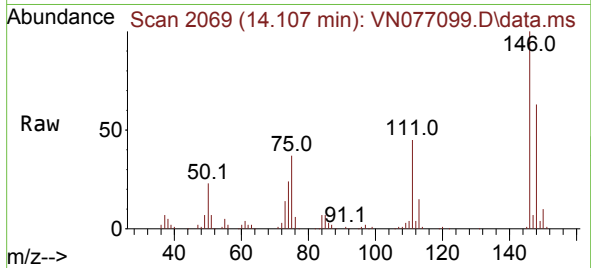




#91
1,2-Dichlorobenzene
Concen: 18.998 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

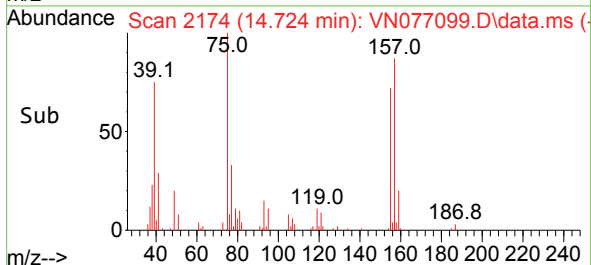
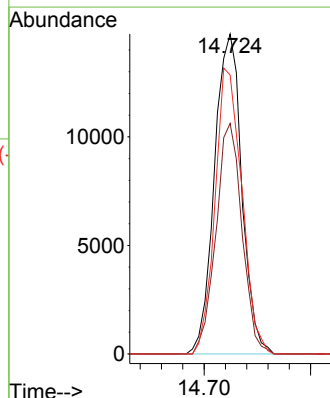
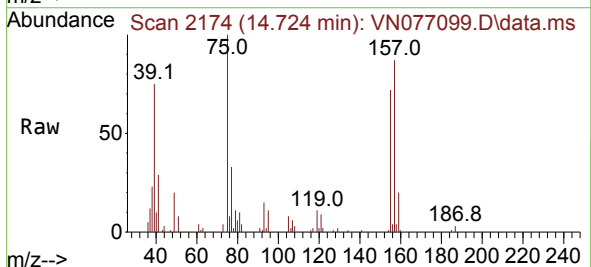
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBS01

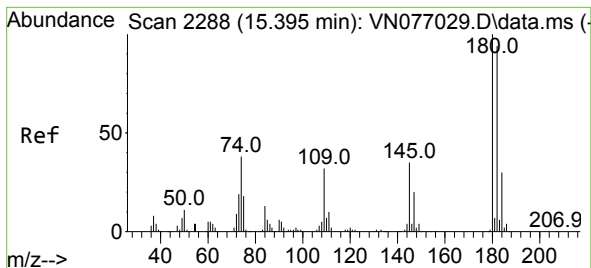
Tgt Ion:146 Resp: 176431
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.7
148 62.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.743 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077099.D
Acq: 22 Mar 2023 11:40

Tgt Ion: 75 Resp: 26210
Ion Ratio Lower Upper
75 100
155 68.8 36.1 108.3
157 87.6 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 18.548 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

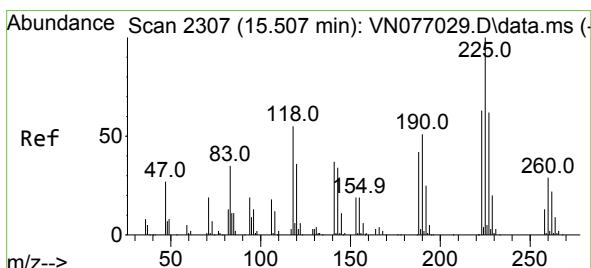
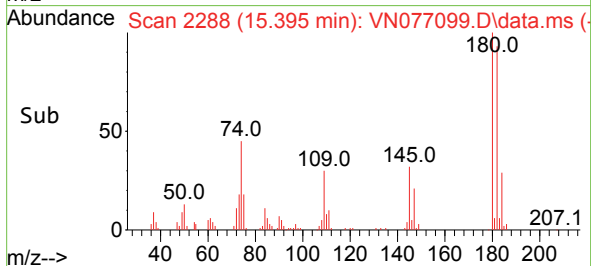
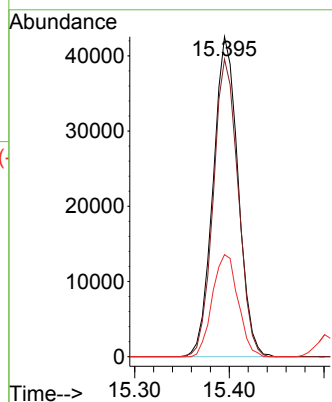
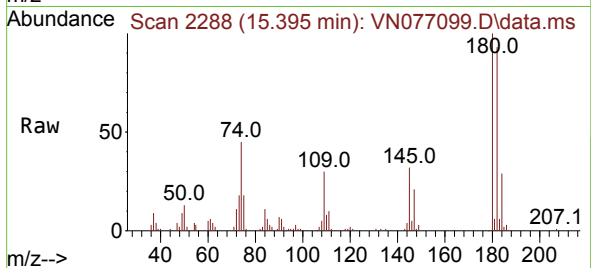
Tgt Ion:180 Resp: 77867

Ion Ratio Lower Upper

180 100

182 92.6 47.3 141.9

145 32.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 18.501 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

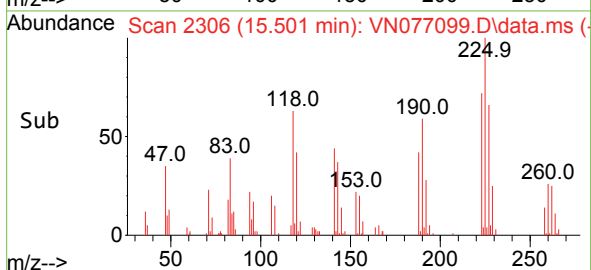
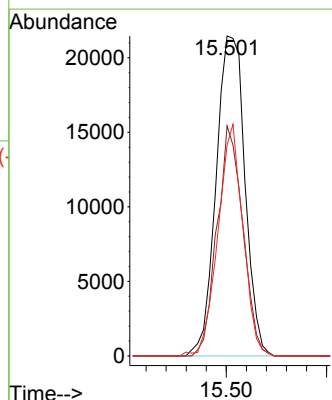
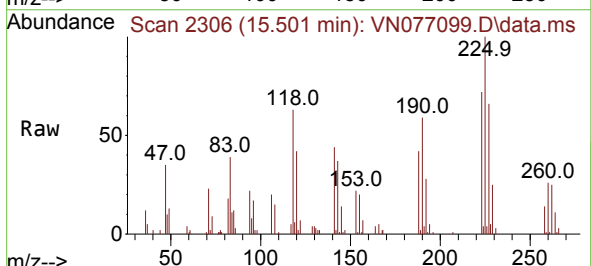
Tgt Ion:225 Resp: 42775

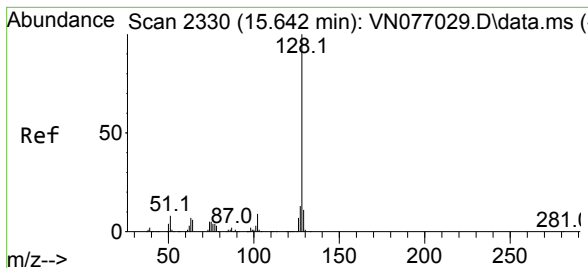
Ion Ratio Lower Upper

225 100

223 64.1 31.6 95.0

227 62.8 31.3 93.8





#95

Naphthalene

Concen: 16.598 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBS01

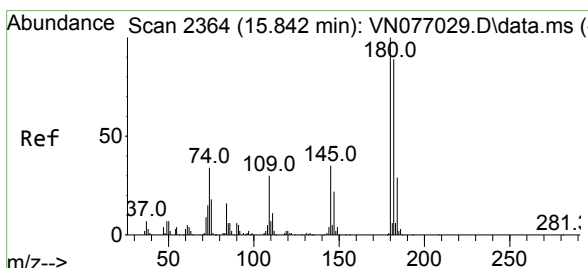
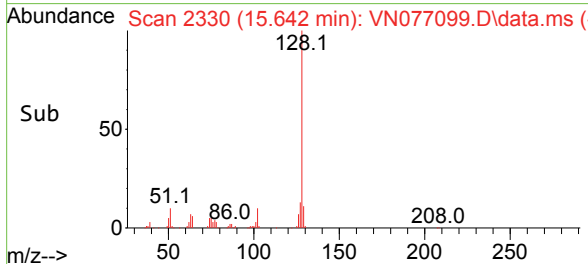
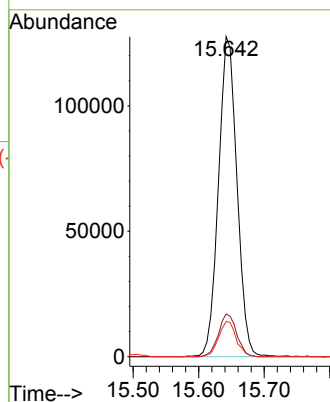
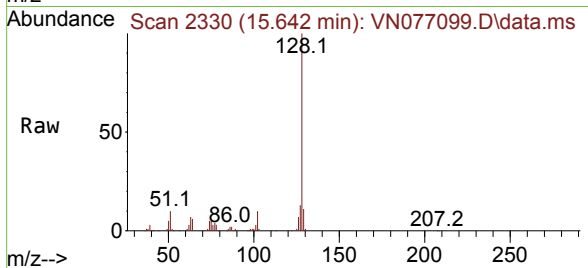
Tgt Ion:128 Resp: 249119

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.970 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077099.D

Acq: 22 Mar 2023 11:40

Tgt Ion:180 Resp: 75696

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.2

145 36.3 17.9 53.8

