

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077085.D
 Acq On : 21 Mar 2023 12:30
 Operator : JC\MD
 Sample : VN0321WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

Quant Time: Mar 21 23:14:18 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	395744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	702128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	614971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	267826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	307601	48.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.320%
35) Dibromofluoromethane	8.172	113	237815	48.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.720%
50) Toluene-d8	10.566	98	889306	50.631	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.854	95	313727	50.547	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	57737	14.605	ug/l	97
3) Chloromethane	2.378	50	49674	12.458	ug/l	97
4) Vinyl Chloride	2.531	62	61018	14.177	ug/l	94
5) Bromomethane	2.972	94	50235	17.280	ug/l	100
6) Chloroethane	3.137	64	53755	19.739	ug/l	92
7) Trichlorofluoromethane	3.513	101	160664	17.352	ug/l	97
8) Diethyl Ether	3.972	74	61179	17.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.390	101	94630	18.017	ug/l	99
10) Methyl Iodide	4.601	142	99897	16.887	ug/l	98
11) Tert butyl alcohol	5.525	59	76848	83.428	ug/l	99
12) 1,1-Dichloroethene	4.360	96	84363	17.559	ug/l	95
13) Acrolein	4.196	56	99086	86.971	ug/l	99
14) Allyl chloride	5.037	41	160228	18.216	ug/l	95
15) Acrylonitrile	5.731	53	273769	88.408	ug/l	99
16) Acetone	4.443	43	253301	89.930	ug/l	97
17) Carbon Disulfide	4.725	76	222677	15.894	ug/l	99
18) Methyl Acetate	5.037	43	185337	17.450	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	306252	17.760	ug/l	99
20) Methylene Chloride	5.295	84	104550	17.103	ug/l	95
21) trans-1,2-Dichloroethene	5.801	96	93410	17.937	ug/l	98
22) Diisopropyl ether	6.684	45	347535	18.033	ug/l	95
23) Vinyl Acetate	6.613	43	1056470	86.873	ug/l	100
24) 1,1-Dichloroethane	6.578	63	191394	17.356	ug/l	100
25) 2-Butanone	7.489	43	363492	88.219	ug/l	97
26) 2,2-Dichloropropane	7.501	77	147178	17.738	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	110787	18.575	ug/l	97
28) Bromochloromethane	7.819	49	90056	18.804	ug/l	98
29) Tetrahydrofuran	7.842	42	236911	88.731	ug/l	99
30) Chloroform	7.972	83	193730	18.100	ug/l	99
31) Cyclohexane	8.260	56	171948	16.625	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	165066	18.044	ug/l	96
36) 1,1-Dichloropropene	8.378	75	138339	18.013	ug/l	98
37) Ethyl Acetate	7.566	43	142799	17.378	ug/l	99
38) Carbon Tetrachloride	8.372	117	137923	18.437	ug/l	98
39) Methylcyclohexane	9.607	83	164237	18.270	ug/l	94
40) Benzene	8.613	78	429308	18.432	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	81942	18.511	ug/l	97
42) 1,2-Dichloroethane	8.678	62	155881	18.521	ug/l	99
43) Isopropyl Acetate	8.695	43	230871	17.986	ug/l	99
44) Trichloroethene	9.360	130	95187	17.792	ug/l	100
45) 1,2-Dichloropropane	9.625	63	113812	18.398	ug/l	96
46) Dibromomethane	9.713	93	71854	18.417	ug/l	97
47) Bromodichloromethane	9.889	83	148113	18.101	ug/l	99
48) Methyl methacrylate	9.683	41	112379	18.313	ug/l	97
49) 1,4-Dioxane	9.701	88	36509	348.322	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	728479	91.133	ug/l	98
52) Toluene	10.636	92	262918	18.906	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	146632	18.284	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	168547	18.627	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	102714	18.730	ug/l	95
56) Ethyl methacrylate	10.877	69	155456	18.852	ug/l	98
57) 1,3-Dichloropropane	11.166	76	180409	17.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	285909	81.325	ug/l	99
59) 2-Hexanone	11.195	43	525716	90.674	ug/l	100
60) Dibromochloromethane	11.366	129	103406	18.772	ug/l	99
61) 1,2-Dibromoethane	11.472	107	98301	18.076	ug/l	100
64) Tetrachloroethene	11.107	164	77378	18.748	ug/l	98
65) Chlorobenzene	11.895	112	262977	18.585	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	97507	18.623	ug/l	99
67) Ethyl Benzene	11.966	91	483066	18.795	ug/l	100
68) m/p-Xylenes	12.071	106	368282	38.637	ug/l	99
69) o-Xylene	12.401	106	176069	18.590	ug/l	98
70) Styrene	12.413	104	290601	19.708	ug/l	99
71) Bromoform	12.577	173	67486	19.022	ug/l #	98
73) Isopropylbenzene	12.701	105	462656	19.276	ug/l	100
74) N-amyl acetate	12.495	43	190062	18.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	154037	17.714	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	187488	27.064	ug/l	46
77) Bromobenzene	12.983	156	101786	18.931	ug/l	95
78) n-propylbenzene	13.036	91	545423	19.685	ug/l	99
79) 2-Chlorotoluene	13.130	91	343320	19.446	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	405315	20.226	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	44615	17.727	ug/l	97
82) 4-Chlorotoluene	13.224	91	324043	19.301	ug/l	99
83) tert-Butylbenzene	13.442	119	331098	19.679	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	400166	20.011	ug/l	98
85) sec-Butylbenzene	13.618	105	474233	19.814	ug/l	99
86) p-Isopropyltoluene	13.730	119	386473	20.108	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	186760	18.378	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	185067	18.305	ug/l	99
89) n-Butylbenzene	14.060	91	324479	19.244	ug/l	100
90) Hexachloroethane	14.336	117	70175	17.958	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	186710	18.433	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	27709	17.197	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	85762	18.729	ug/l	100
94) Hexachlorobutadiene	15.507	225	49408	19.593	ug/l	96
95) Naphthalene	15.642	128	274253	16.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	85636	18.638	ug/l	100

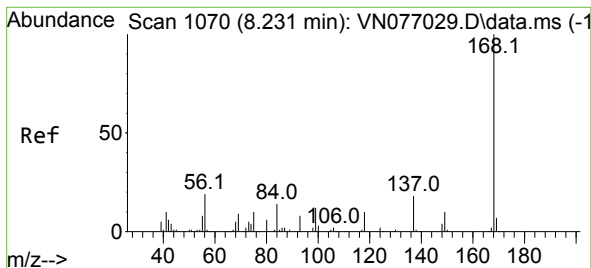
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

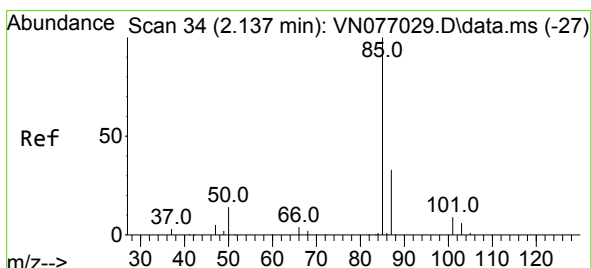
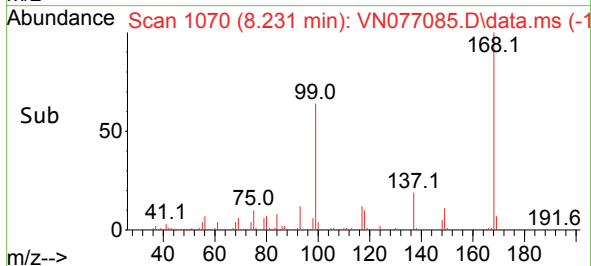
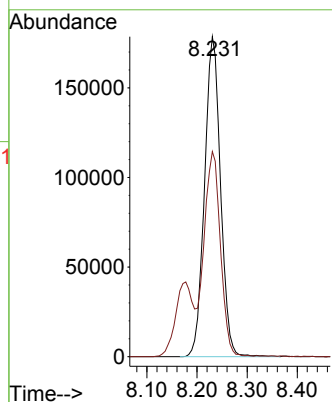
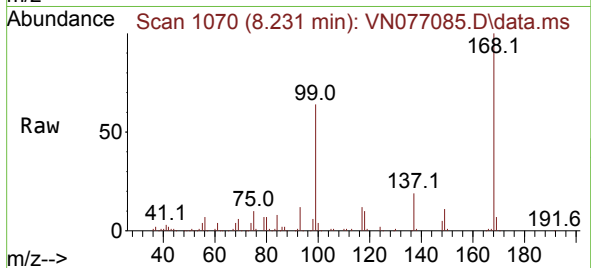
VN0321WBS01

Tgt Ion:168 Resp: 395744

Ion Ratio Lower Upper

168 100

99 63.8 53.9 80.9



#2

Dichlorodifluoromethane

Concen: 14.605 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077085.D

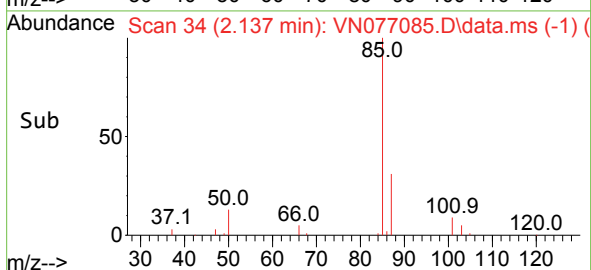
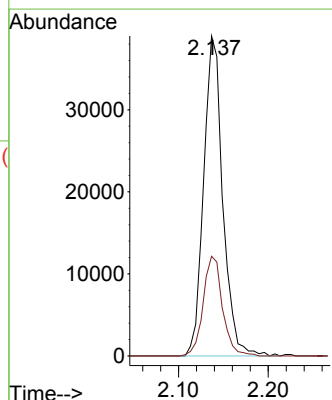
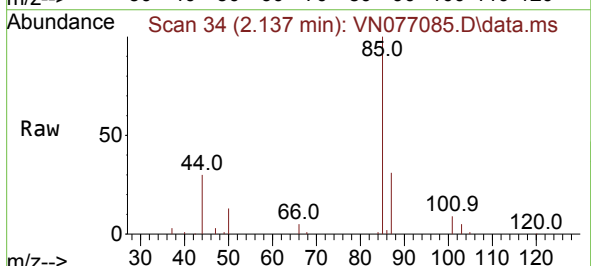
Acq: 21 Mar 2023 12:30

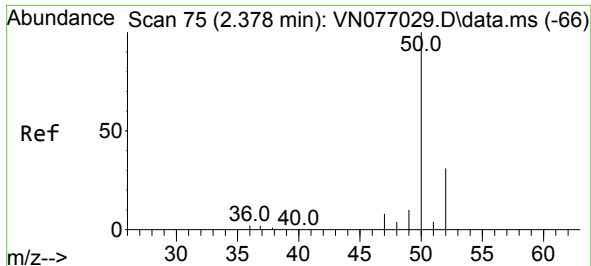
Tgt Ion: 85 Resp: 57737

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.2

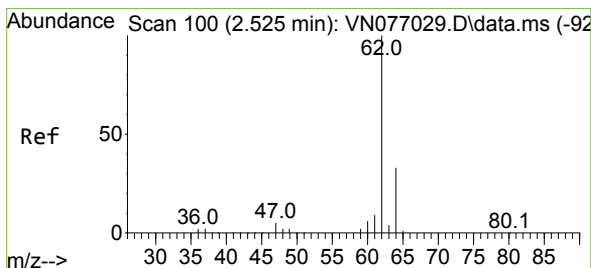
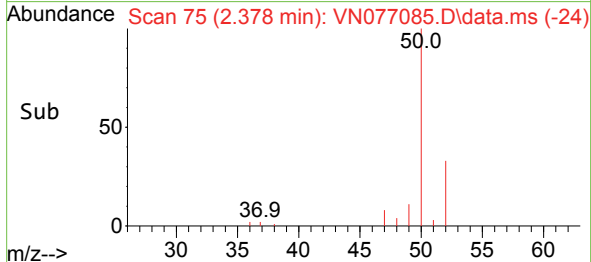
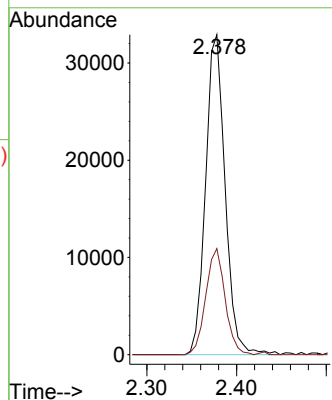
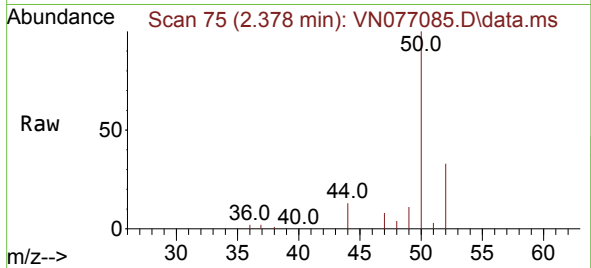




#3
Chloromethane
Concen: 12.458 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

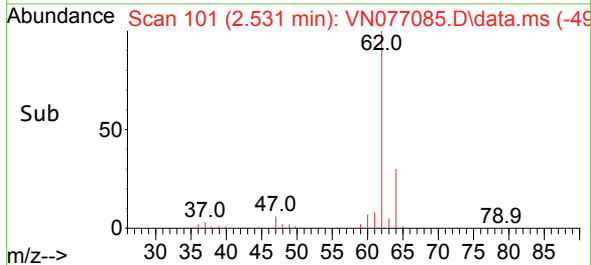
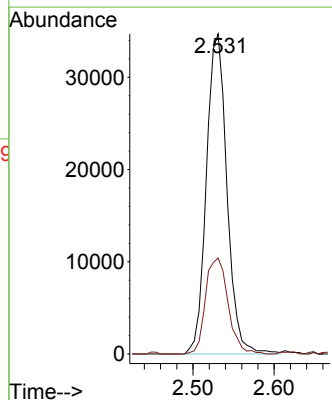
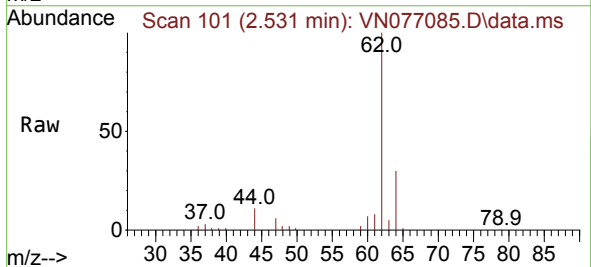
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

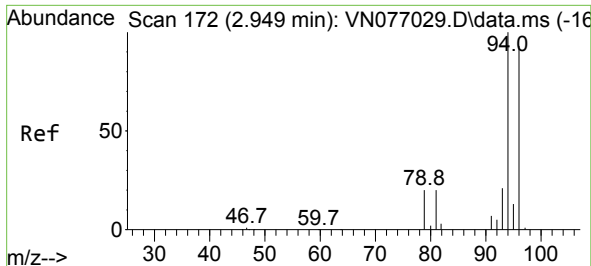
Tgt Ion: 50 Resp: 49674
Ion Ratio Lower Upper
50 100
52 33.1 25.1 37.7



#4
Vinyl Chloride
Concen: 14.177 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 62 Resp: 61018
Ion Ratio Lower Upper
62 100
64 30.0 26.6 40.0

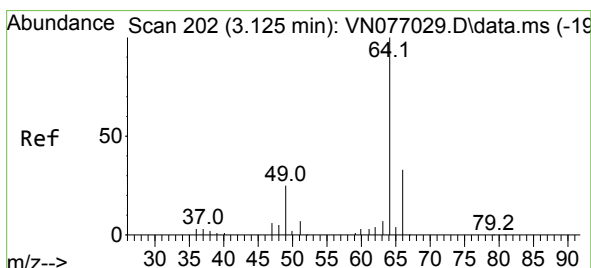
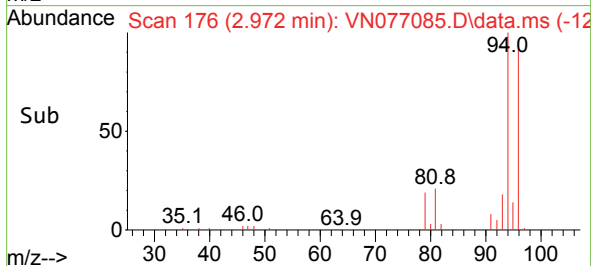
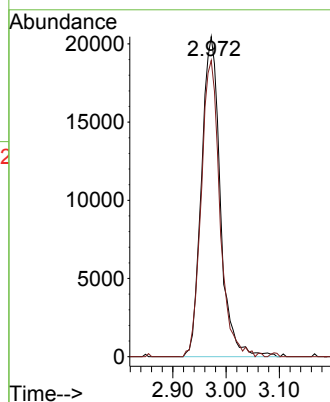
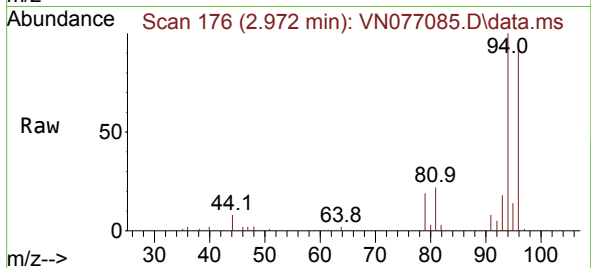




#5
Bromomethane
Concen: 17.280 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

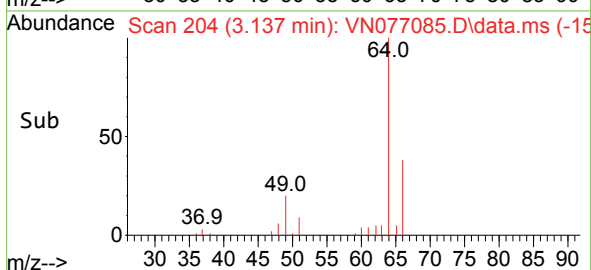
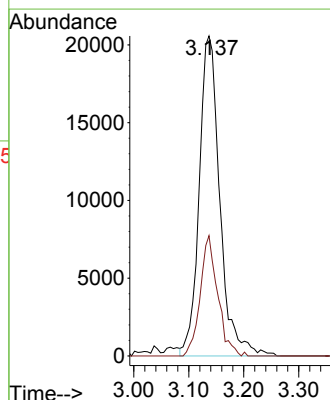
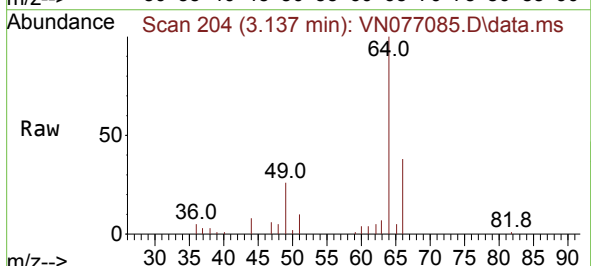
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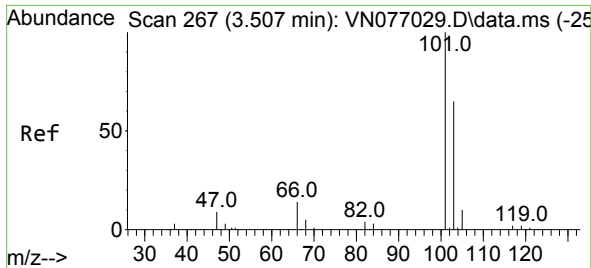
Tgt Ion: 94 Resp: 50235
Ion Ratio Lower Upper
94 100
96 92.5 74.1 111.1



#6
Chloroethane
Concen: 19.739 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 64 Resp: 53755
Ion Ratio Lower Upper
64 100
66 37.6 26.3 39.5

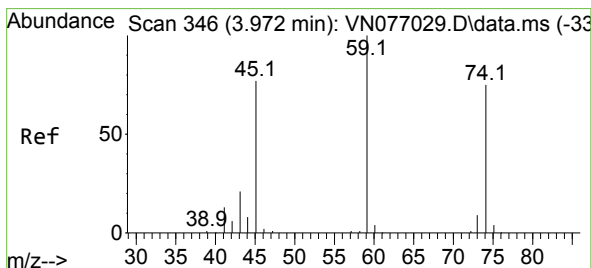
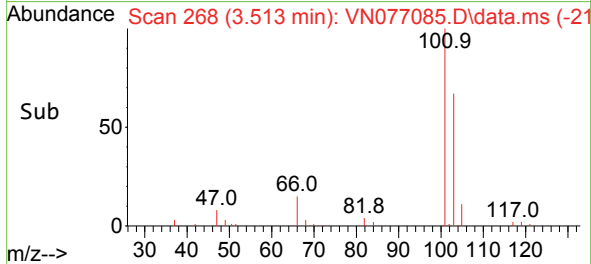
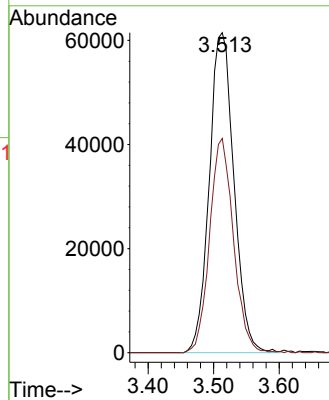
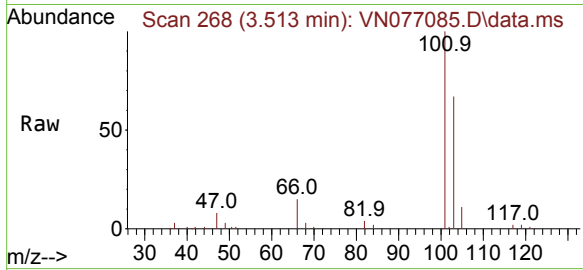




#7
 Trichlorofluoromethane
 Concen: 17.352 ug/l
 RT: 3.513 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

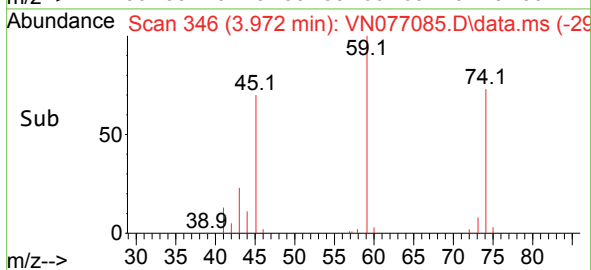
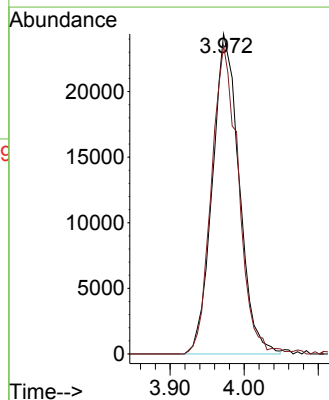
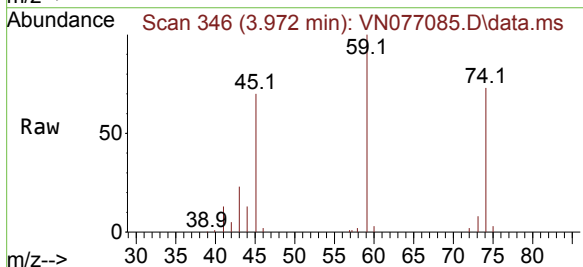
Instrument :
 MSVOA_N
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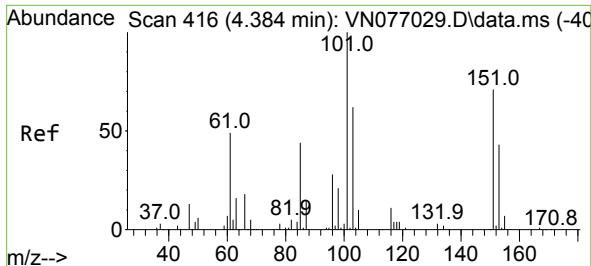
Tgt Ion:101 Resp: 160664
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.8 77.6



#8
 Diethyl Ether
 Concen: 17.557 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

Tgt Ion: 74 Resp: 61179
 Ion Ratio Lower Upper
 74 100
 45 97.3 50.8 152.5

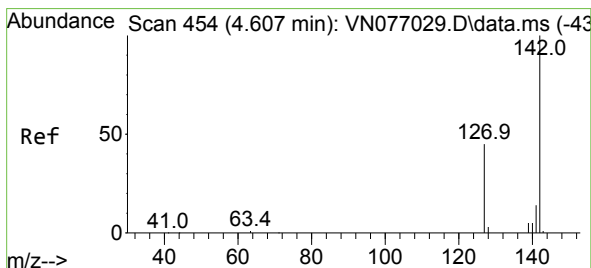
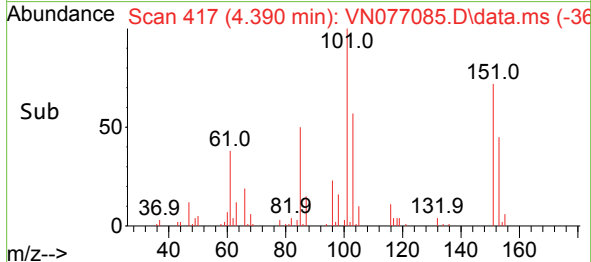
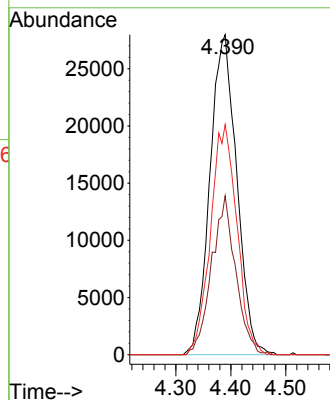
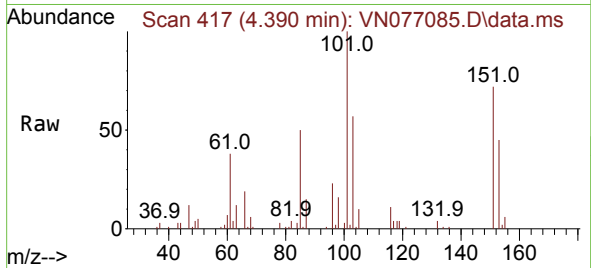




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.017 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077085.D
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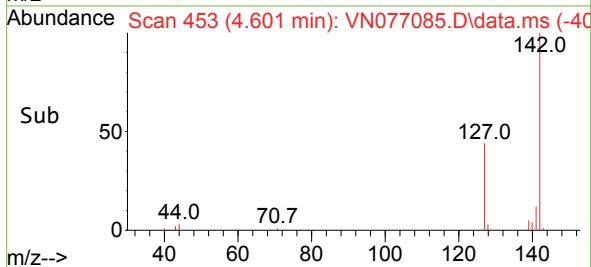
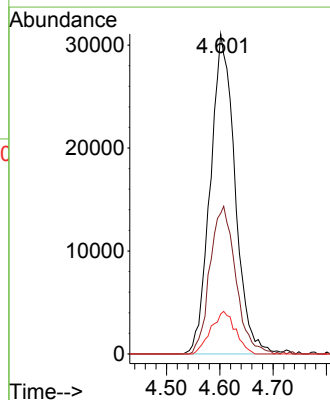
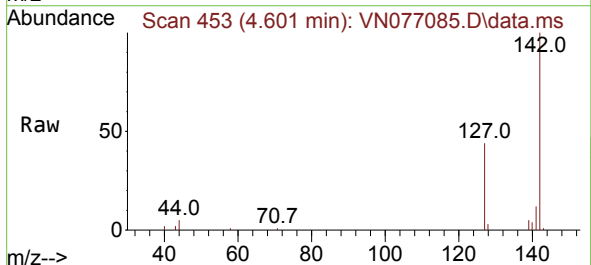
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

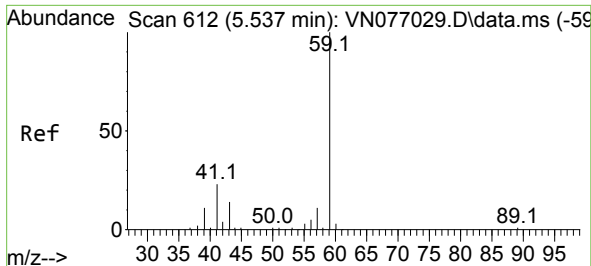
Tgt Ion:101 Resp: 94630
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 70.8 56.9 85.3



#10
Methyl Iodide
Concen: 16.887 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion:142 Resp: 99897
Ion Ratio Lower Upper
142 100
127 44.0 36.1 54.1
141 12.5 10.8 16.2

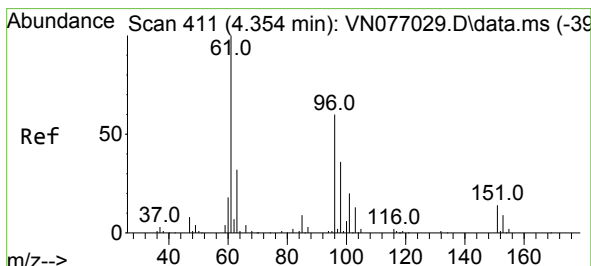
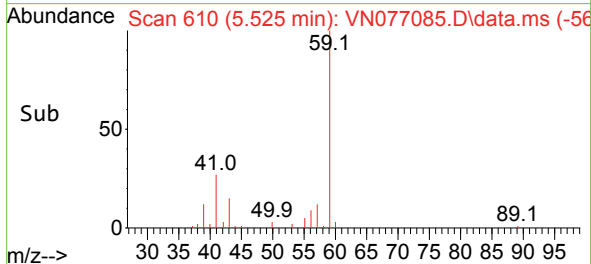
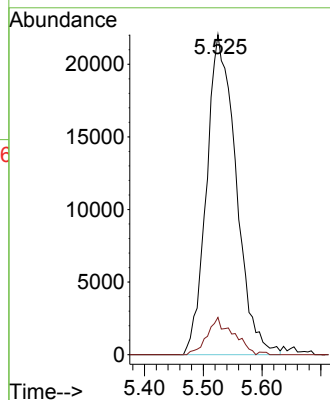
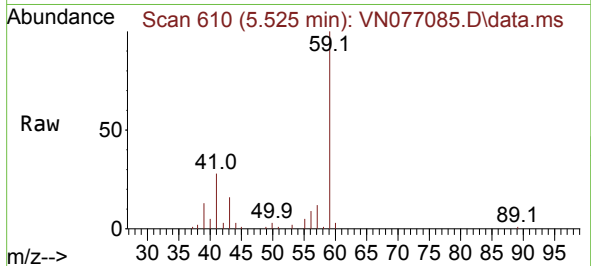




#11
Tert butyl alcohol
Concen: 83.428 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

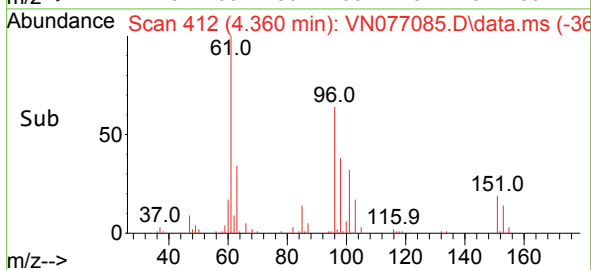
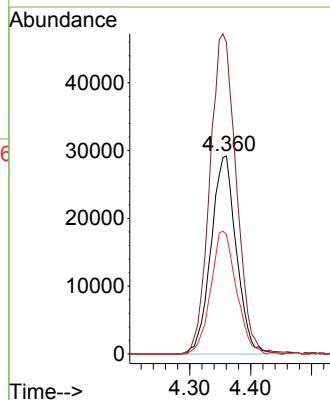
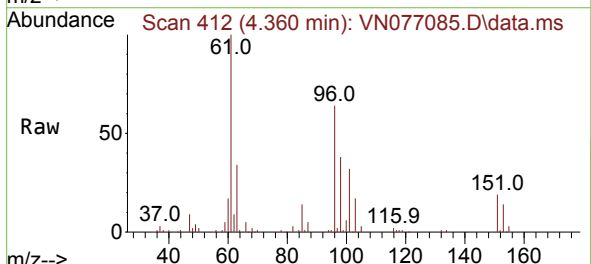
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

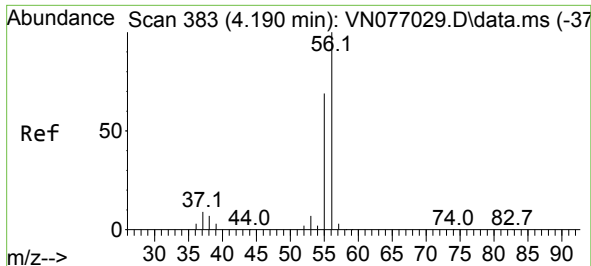
Tgt Ion: 59 Resp: 76848
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.559 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 96 Resp: 84363
Ion Ratio Lower Upper
96 100
61 157.4 133.8 200.8
98 60.3 48.6 72.8

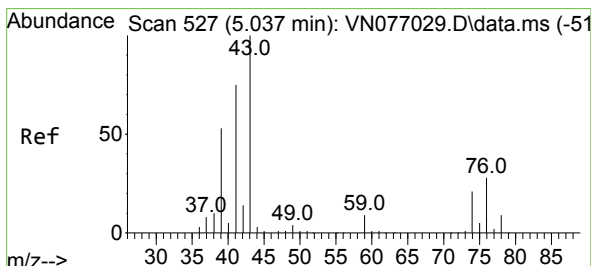
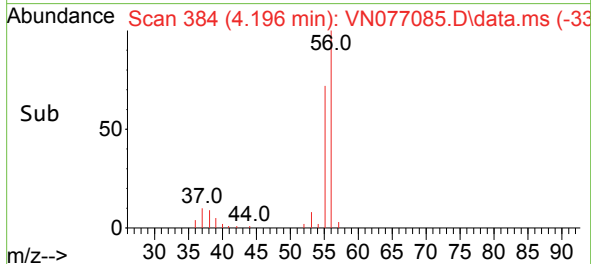
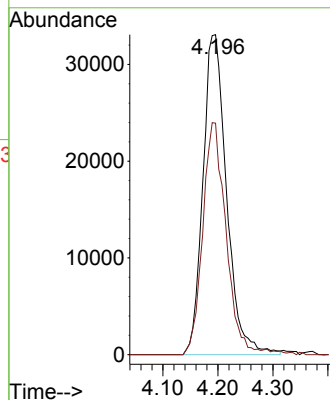
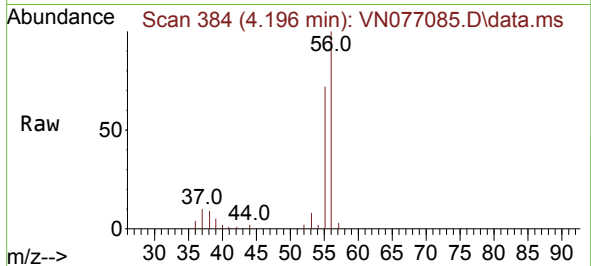




#13
Acrolein
Concen: 86.971 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.005 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

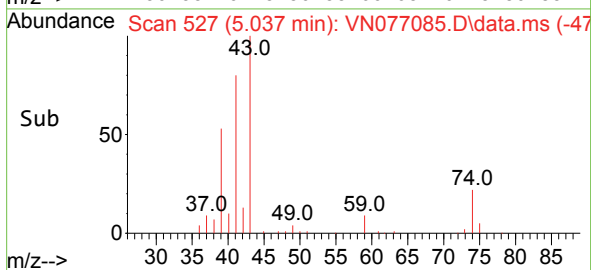
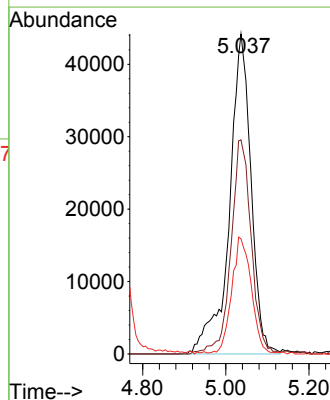
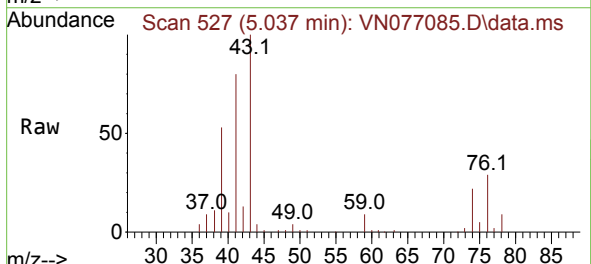
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

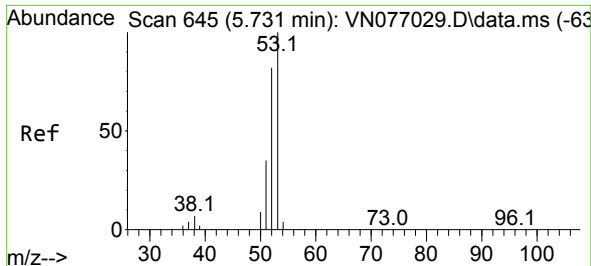
Tgt Ion: 56 Resp: 99086
Ion Ratio Lower Upper
56 100
55 71.9 57.0 85.6



#14
Allyl chloride
Concen: 18.216 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 41 Resp: 160228
Ion Ratio Lower Upper
41 100
39 62.4 53.8 80.8
76 32.0 26.7 40.1

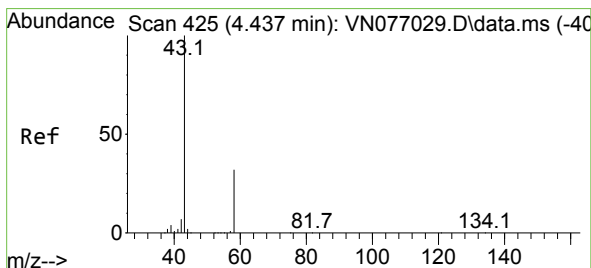
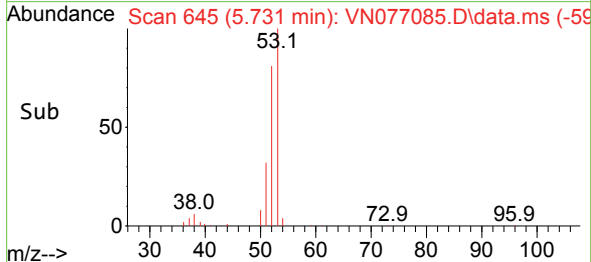
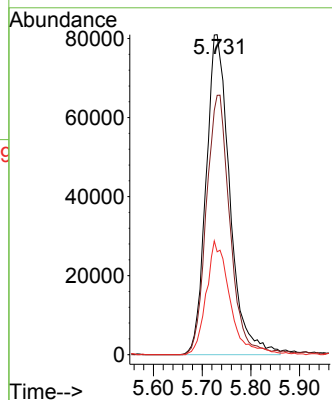
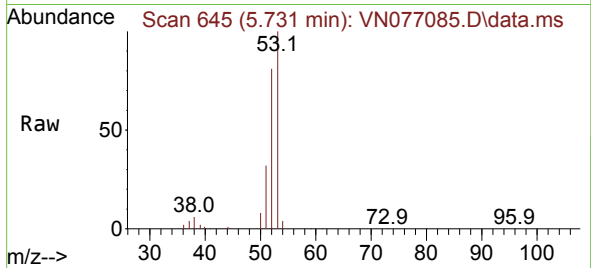




#15
Acrylonitrile
Concen: 88.408 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

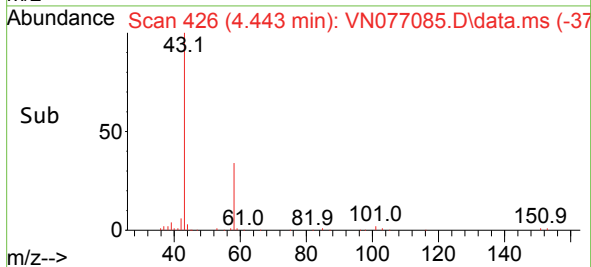
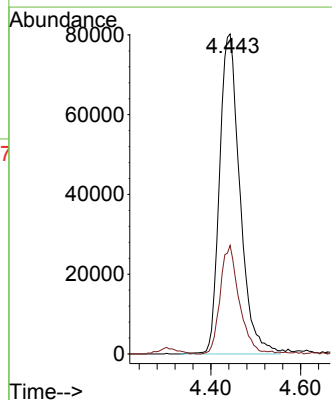
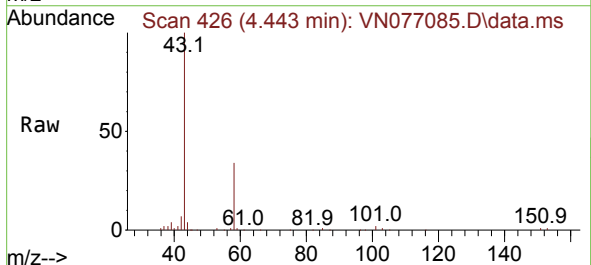
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

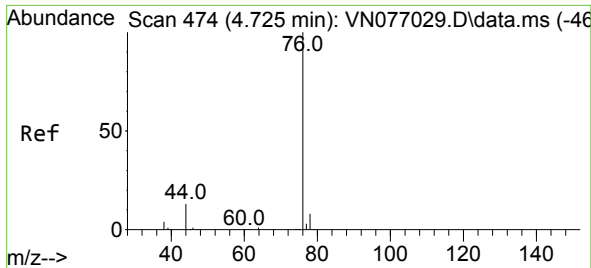
Tgt Ion: 53 Resp: 273769
Ion Ratio Lower Upper
53 100
52 80.3 64.6 97.0
51 35.9 28.3 42.5



#16
Acetone
Concen: 89.930 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 43 Resp: 253301
Ion Ratio Lower Upper
43 100
58 33.4 25.4 38.0

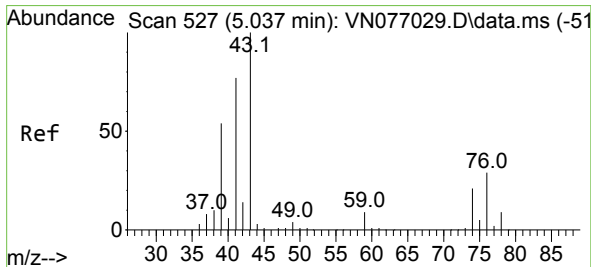
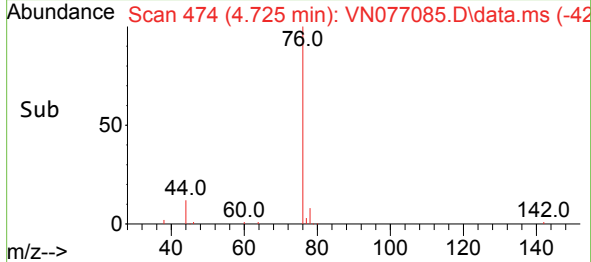
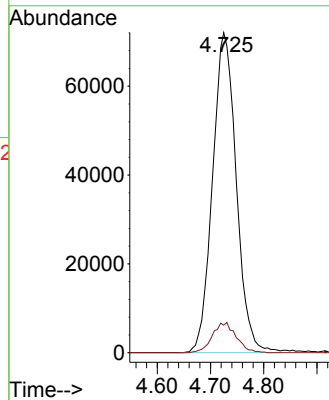
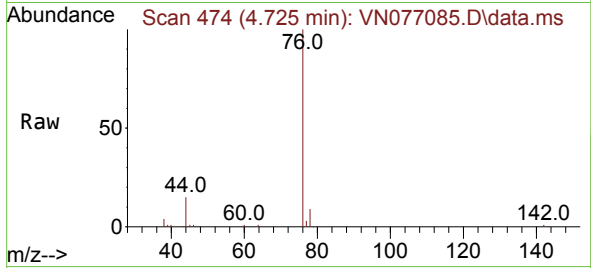




#17
Carbon Disulfide
Concen: 15.894 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

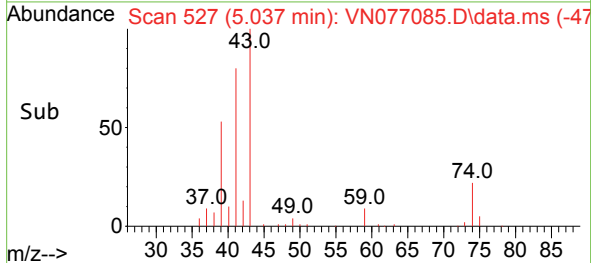
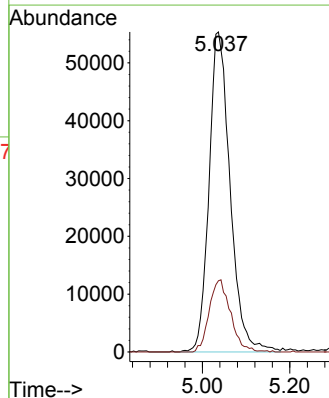
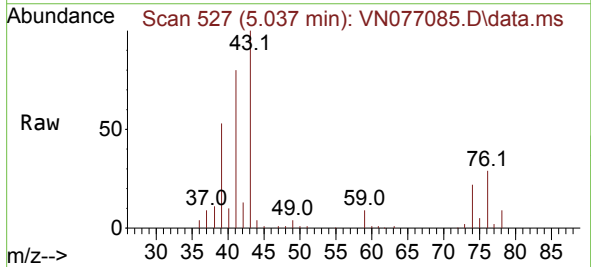
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

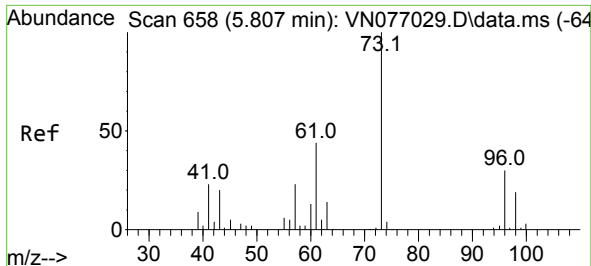
Tgt Ion: 76 Resp: 222677
Ion Ratio Lower Upper
76 100
78 8.6 6.6 10.0



#18
Methyl Acetate
Concen: 17.450 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 43 Resp: 185337
Ion Ratio Lower Upper
43 100
74 22.9 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 17.760 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

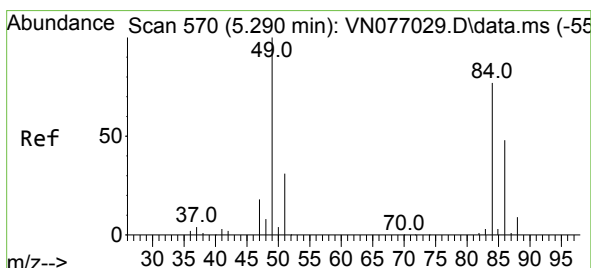
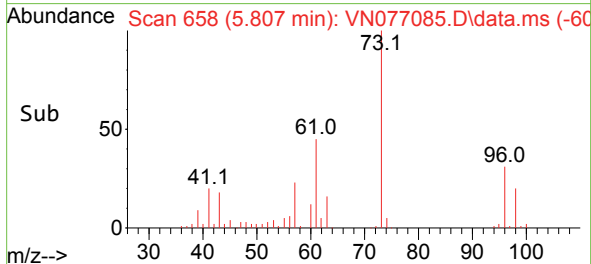
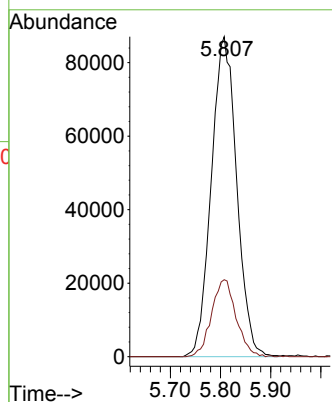
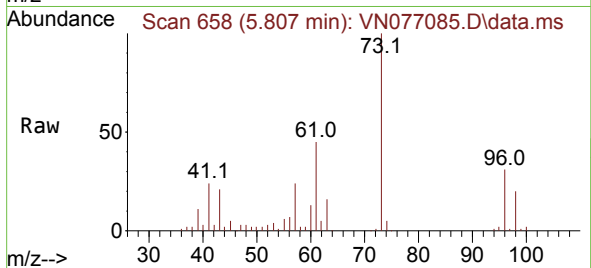
VN0321WBS01

Tgt Ion: 73 Resp: 306252

Ion Ratio Lower Upper

73 100

57 24.0 18.7 28.1



#20

Methylene Chloride

Concen: 17.103 ug/l

RT: 5.295 min Scan# 571

Delta R.T. 0.005 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Tgt Ion: 84 Resp: 104550

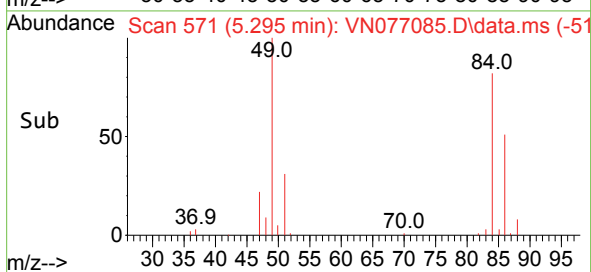
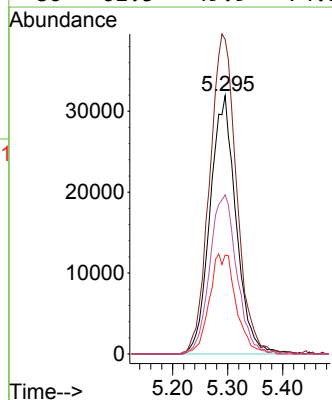
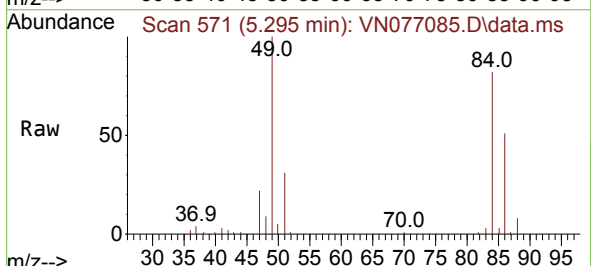
Ion Ratio Lower Upper

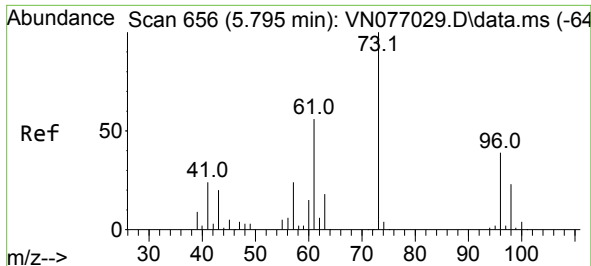
84 100

49 121.7 103.8 155.6

51 38.2 32.3 48.5

86 61.5 49.9 74.9

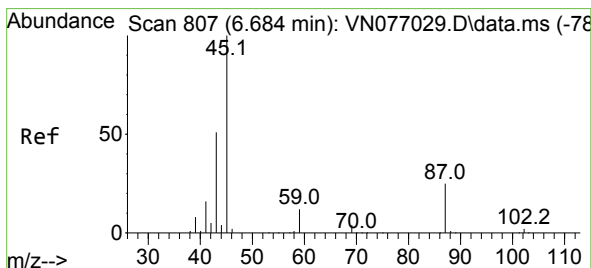
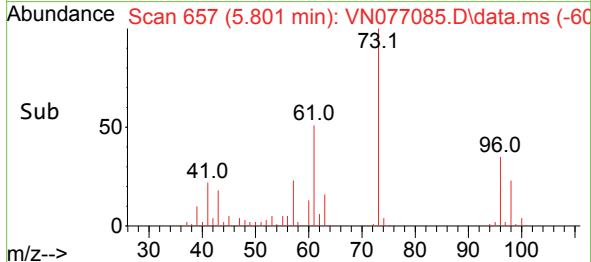
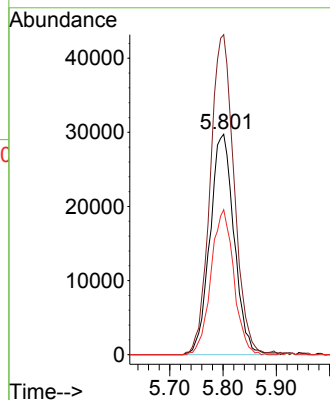
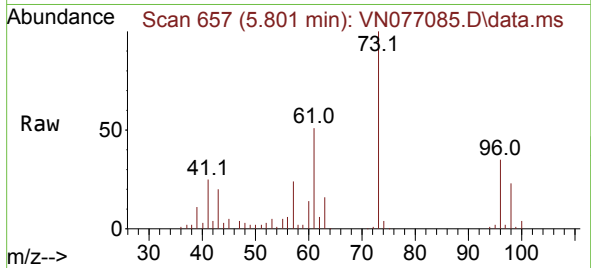




#21
trans-1,2-Dichloroethene
Concen: 17.937 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

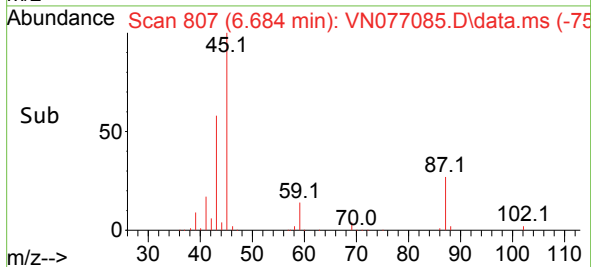
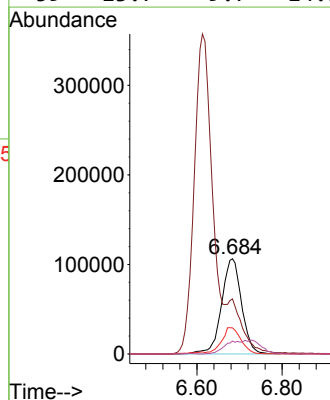
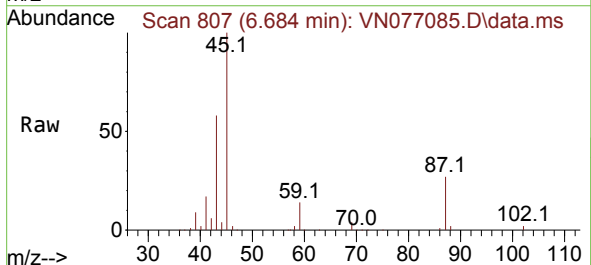
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

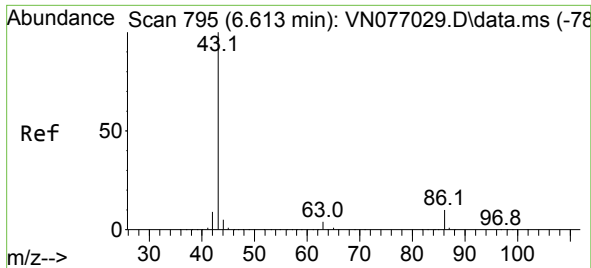
Tgt Ion: 96 Resp: 93410
Ion Ratio Lower Upper
96 100
61 145.1 115.8 173.6
98 65.7 48.2 72.2



#22
Diisopropyl ether
Concen: 18.033 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 45 Resp: 347535
Ion Ratio Lower Upper
45 100
43 56.5 41.5 62.3
87 27.4 20.6 30.8
59 13.7 9.7 14.5

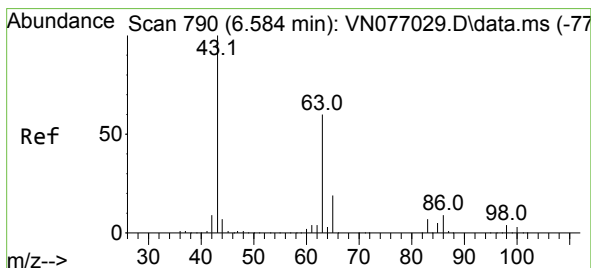
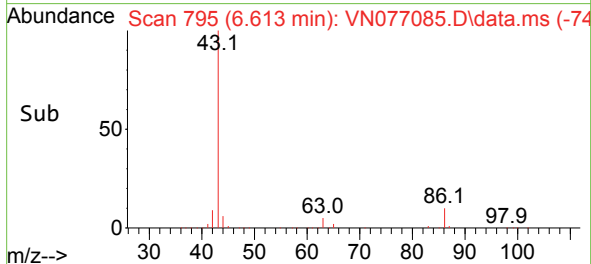
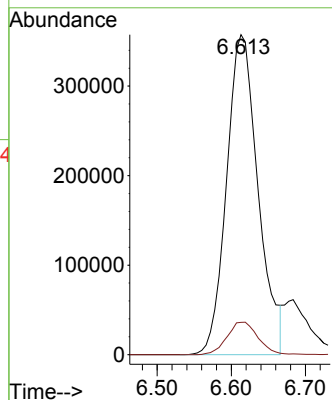
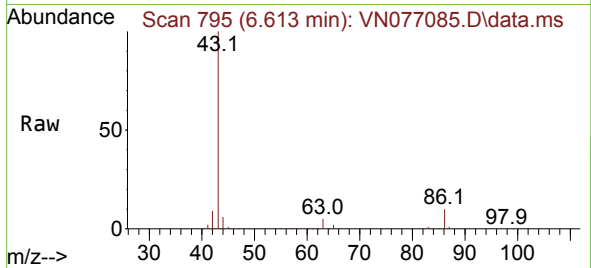




#23
 Vinyl Acetate
 Concen: 86.873 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

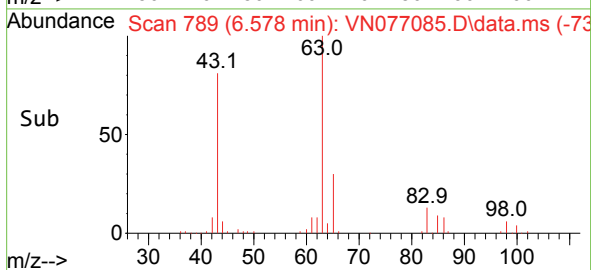
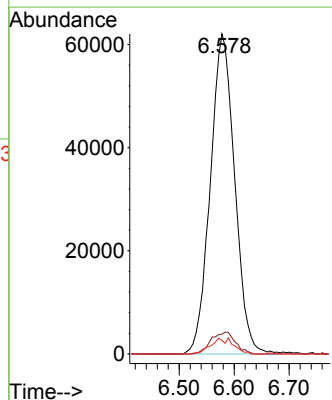
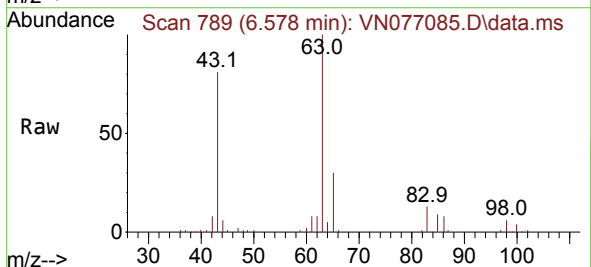
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

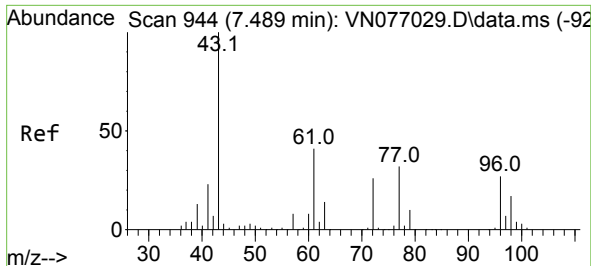
Tgt Ion: 43 Resp: 1056470
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 17.356 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

Tgt Ion: 63 Resp: 191394
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.4
 100 4.2 2.1 6.3

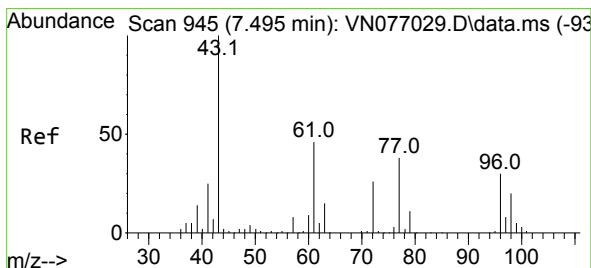
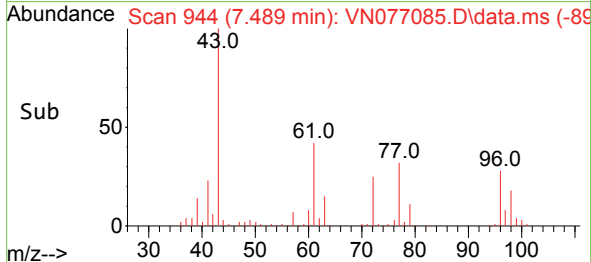
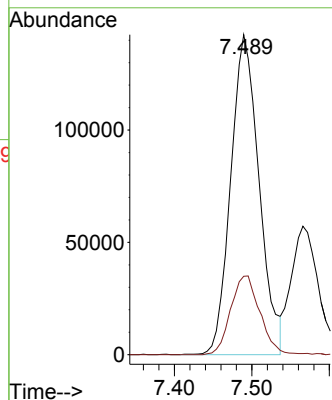
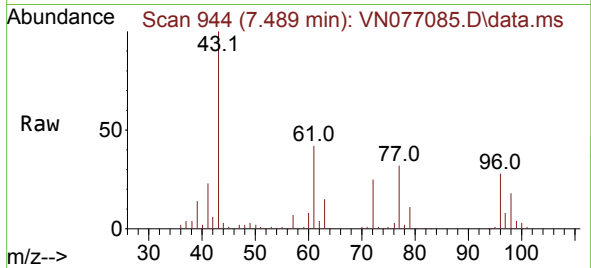




#25
2-Butanone
Concen: 88.219 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

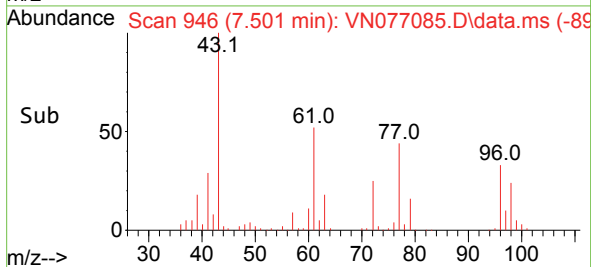
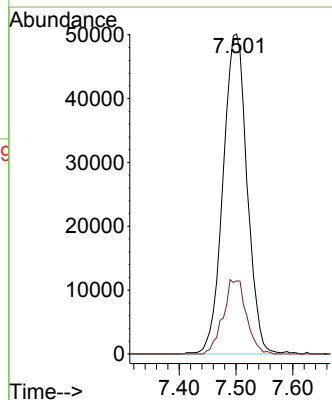
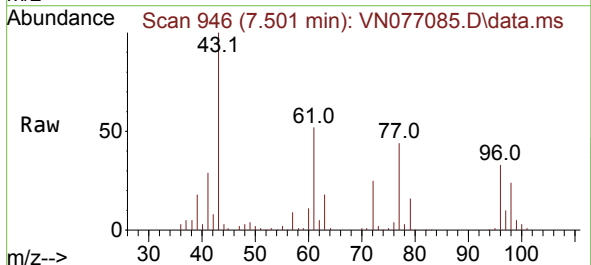
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

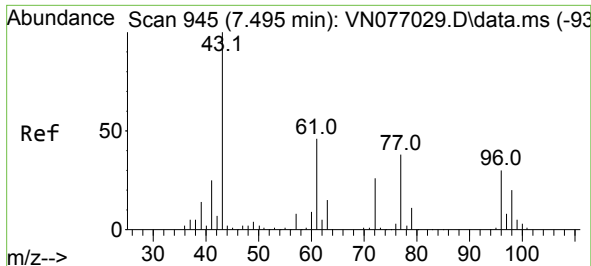
Tgt Ion: 43 Resp: 363492
Ion Ratio Lower Upper
43 100
72 24.5 20.7 31.1



#26
2,2-Dichloropropane
Concen: 17.738 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 77 Resp: 147178
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9



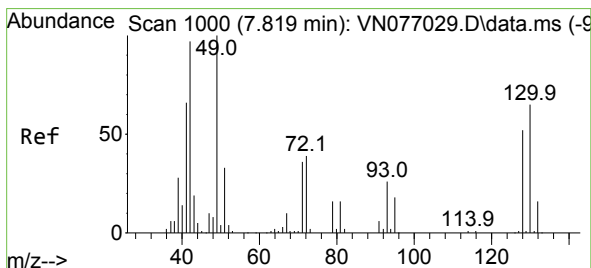
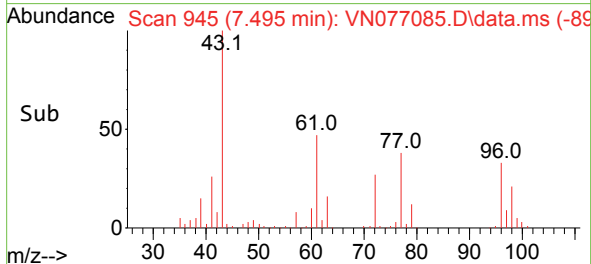
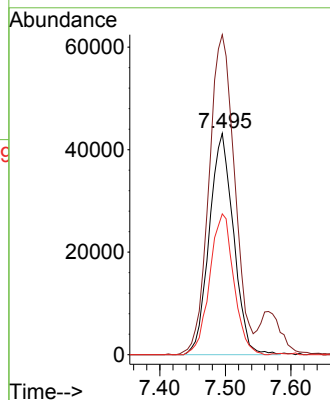
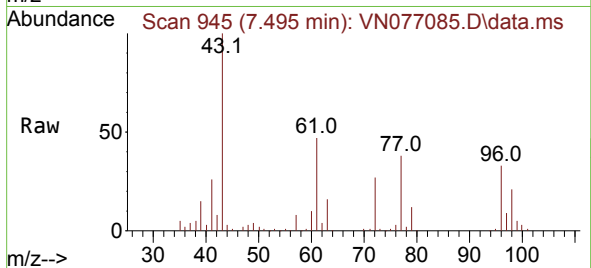


#27
 cis-1,2-Dichloroethene
 Concen: 18.575 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

Tgt Ion: 96 Resp: 110787

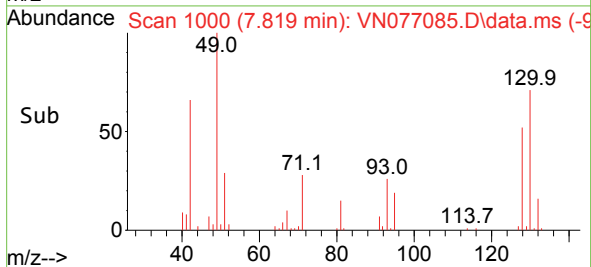
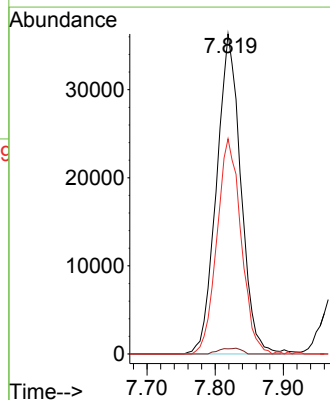
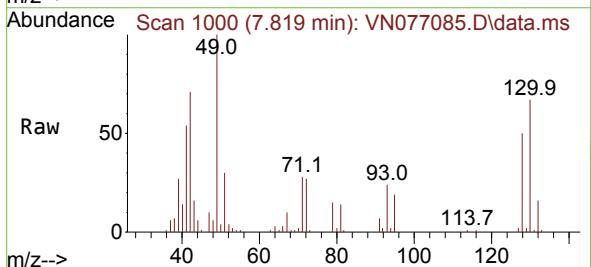
Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	315.4
98	63.4	0.0	128.6

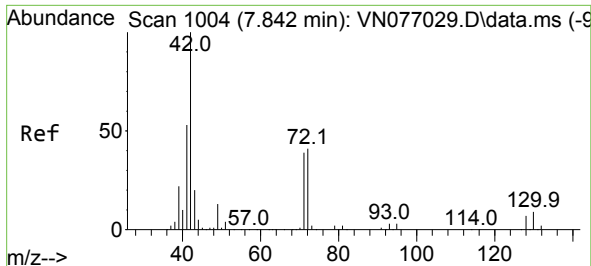


#28
 Bromochloromethane
 Concen: 18.804 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

Tgt Ion: 49 Resp: 90056

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	66.9	51.9	77.9





#29

Tetrahydrofuran

Concen: 88.731 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

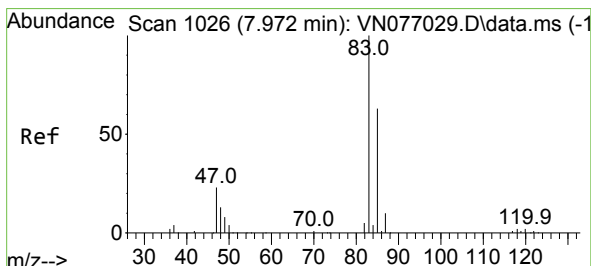
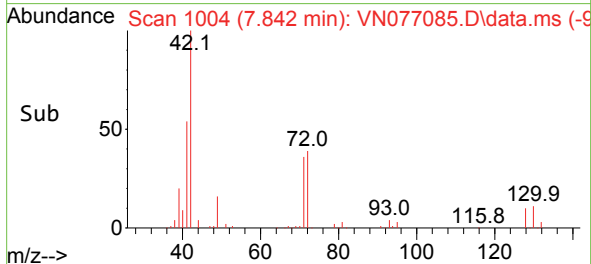
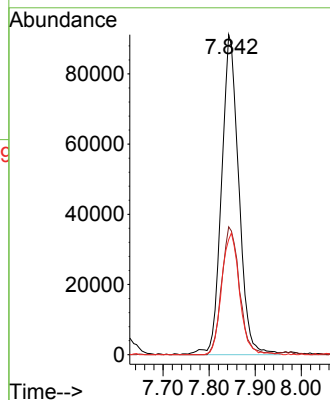
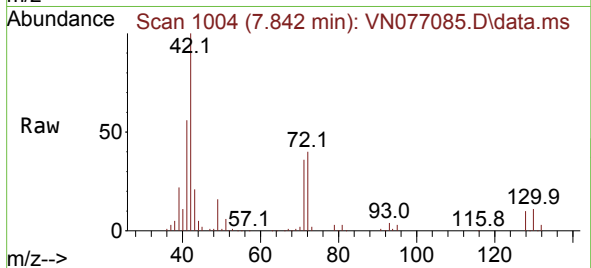
Tgt Ion: 42 Resp: 236911

Ion Ratio Lower Upper

42 100

72 41.2 33.2 49.8

71 39.3 31.0 46.4



#30

Chloroform

Concen: 18.100 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077085.D

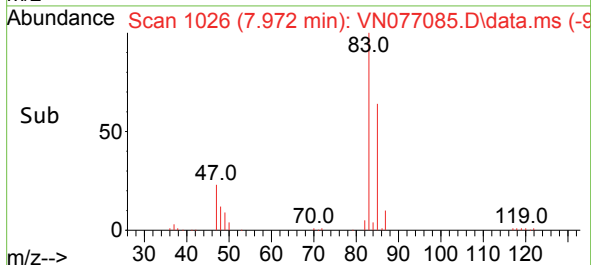
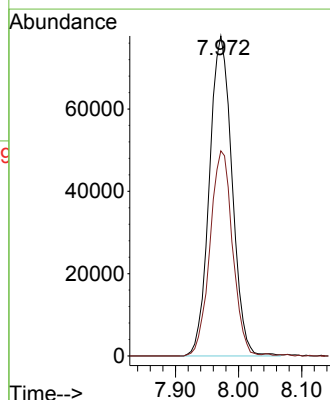
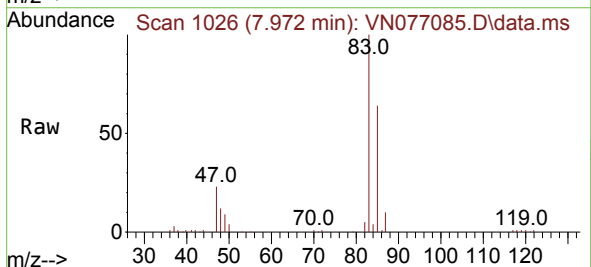
Acq: 21 Mar 2023 12:30

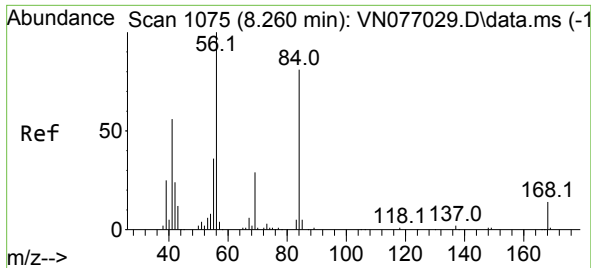
Tgt Ion: 83 Resp: 193730

Ion Ratio Lower Upper

83 100

85 64.1 50.6 75.8

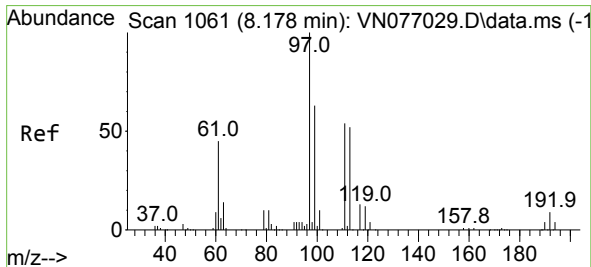
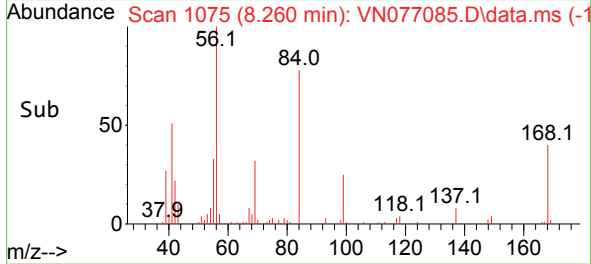
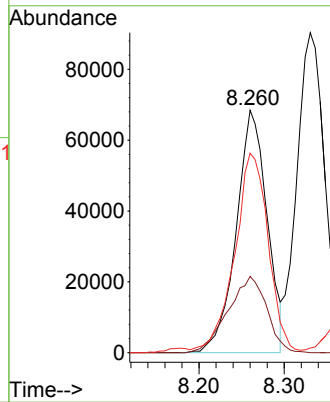
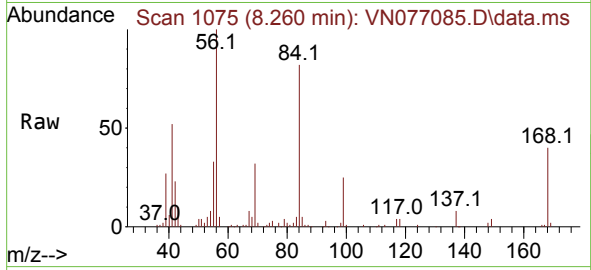




#31
Cyclohexane
Concen: 16.625 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

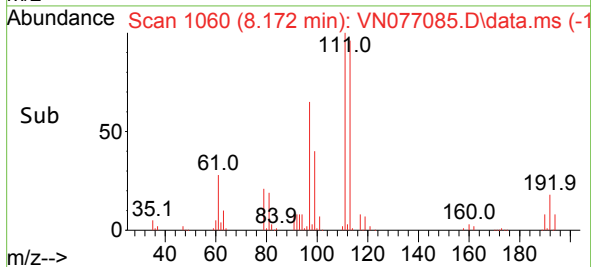
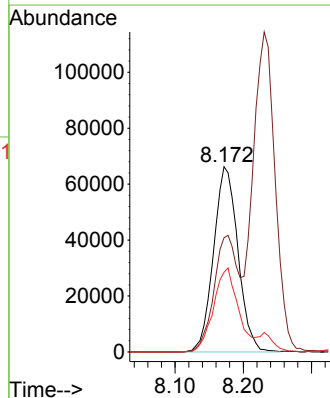
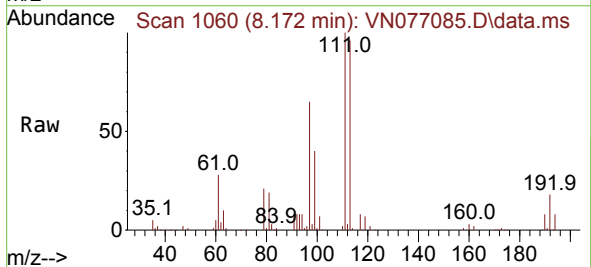
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

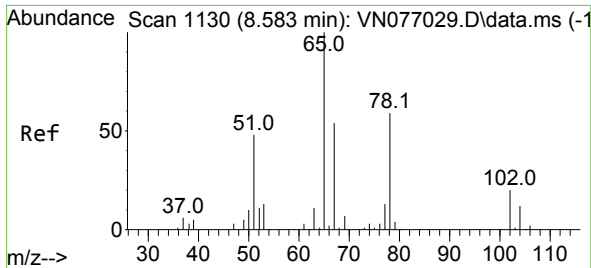
Tgt Ion: 56 Resp: 171948
Ion Ratio Lower Upper
56 100
69 31.5 22.8 34.2
84 80.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 18.044 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 97 Resp: 165066
Ion Ratio Lower Upper
97 100
99 60.4 50.2 75.2
61 45.5 39.0 58.6

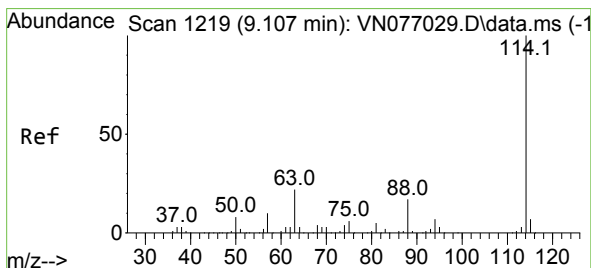
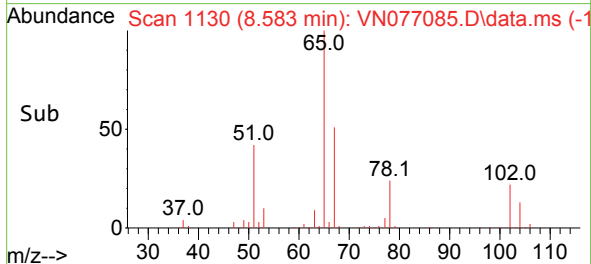
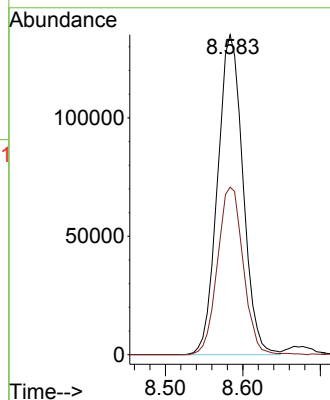
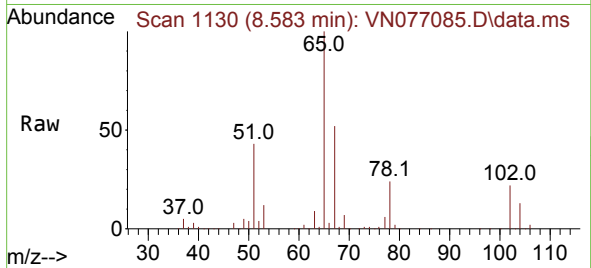




#33
1,2-Dichloroethane-d4
Concen: 48.661 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

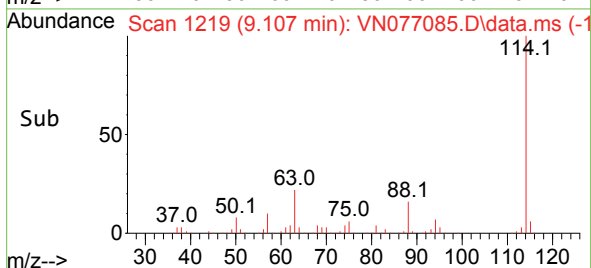
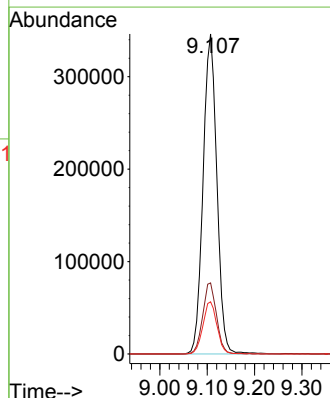
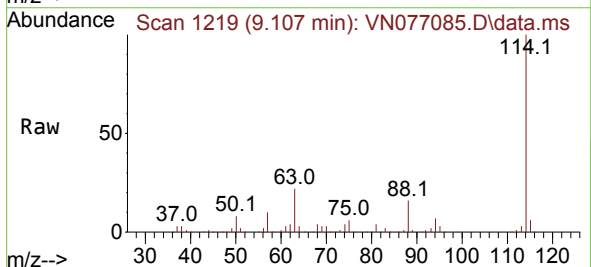
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

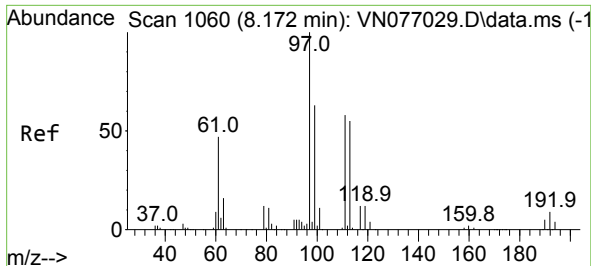
Tgt Ion: 65 Resp: 307601
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

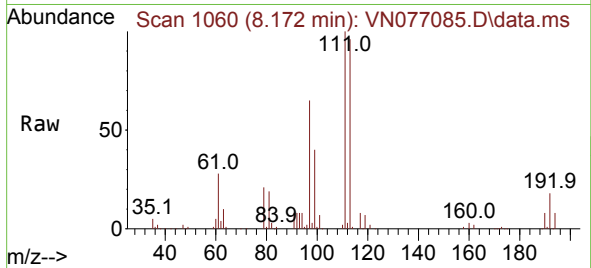
Tgt Ion: 114 Resp: 702128
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.6
88 16.3 0.0 33.8



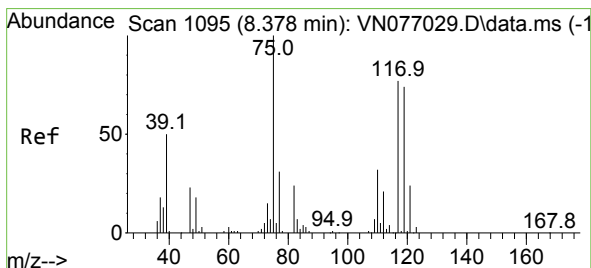
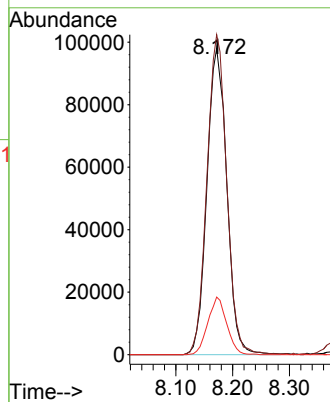
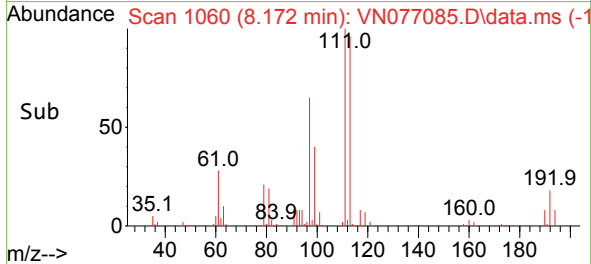


#35
Dibromofluoromethane
Concen: 48.365 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

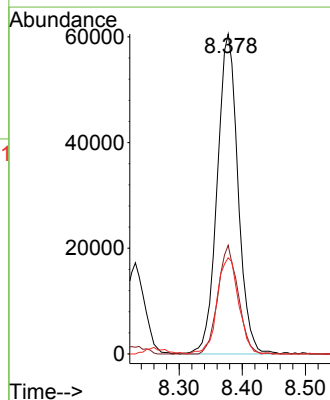
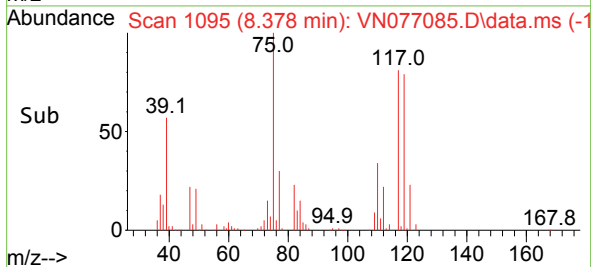
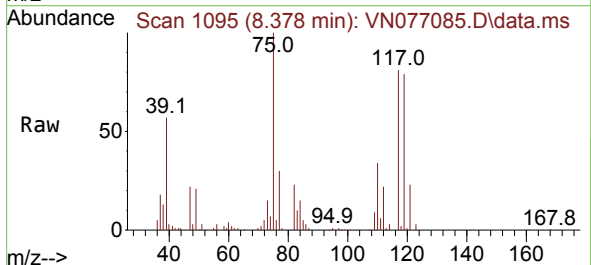


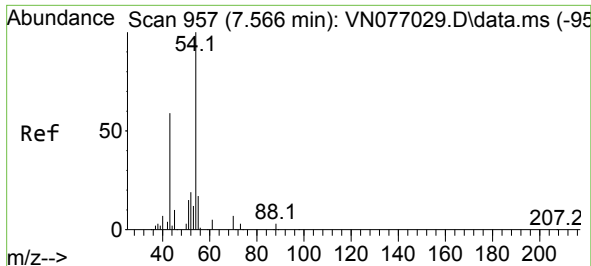
Tgt Ion:113 Resp: 237815
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 17.8 13.0 19.6



#36
1,1-Dichloropropene
Concen: 18.013 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 75 Resp: 138339
Ion Ratio Lower Upper
75 100
110 33.1 15.9 47.7
77 31.3 24.3 36.5

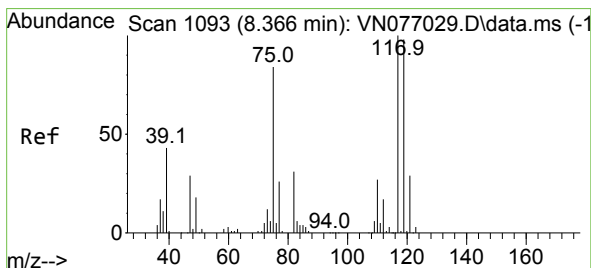
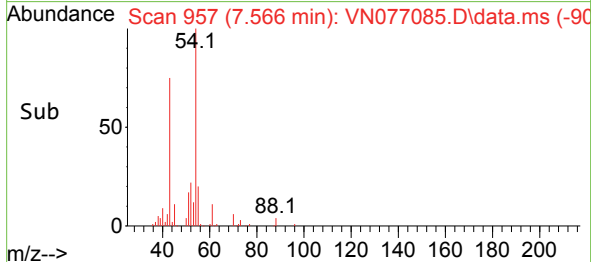
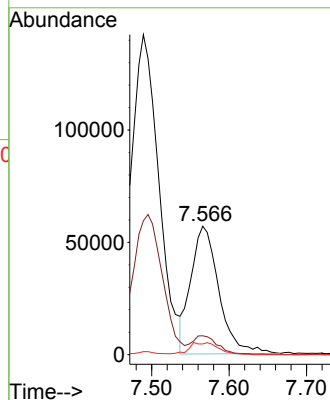
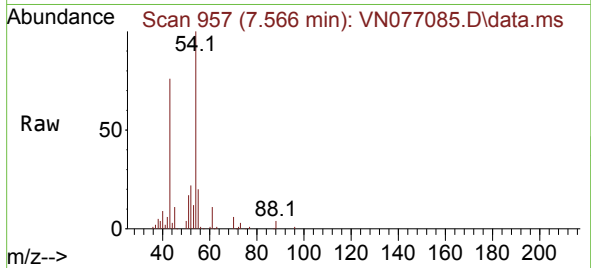




#37
Ethyl Acetate
Concen: 17.378 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

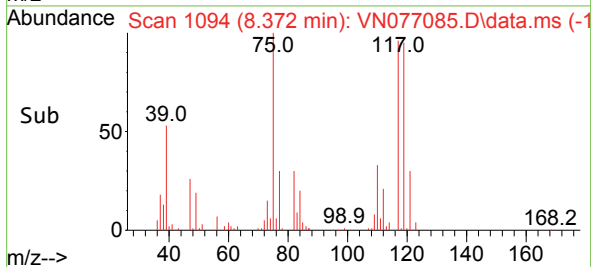
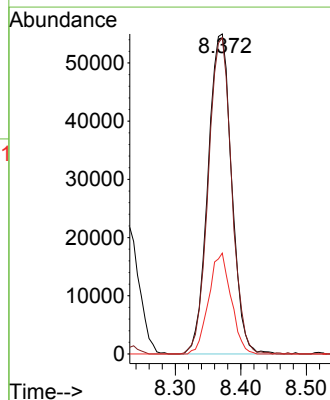
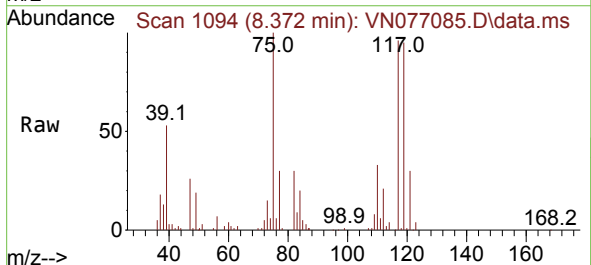
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

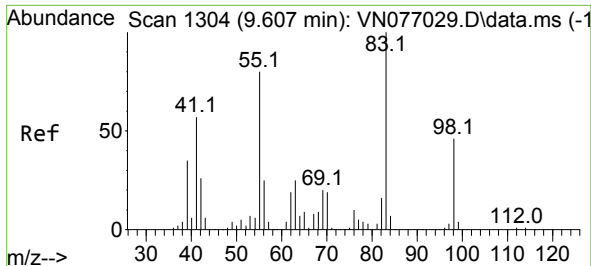
Tgt Ion: 43 Resp: 142799
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.6
70 9.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.437 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 117 Resp: 137923
Ion Ratio Lower Upper
117 100
119 98.9 78.2 117.2
121 31.5 23.2 34.8





#39

Methylcyclohexane

Concen: 18.270 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

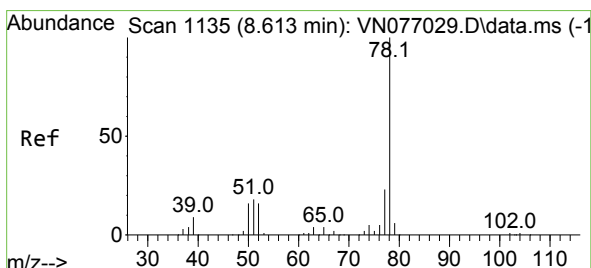
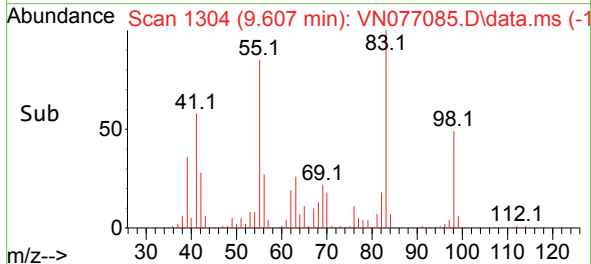
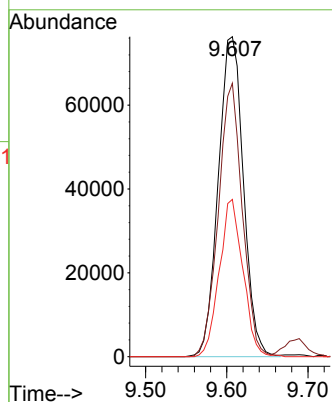
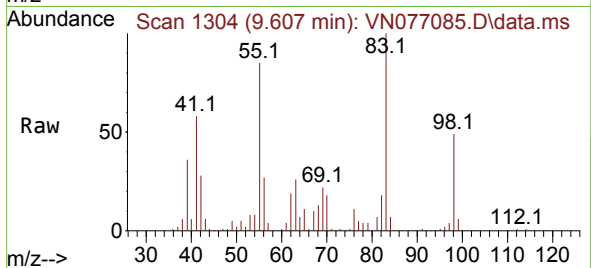
Tgt Ion: 83 Resp: 164237

Ion Ratio Lower Upper

83 100

55 85.5 63.8 95.8

98 49.2 37.1 55.7



#40

Benzene

Concen: 18.432 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077085.D

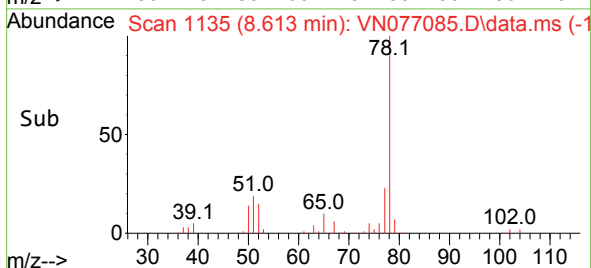
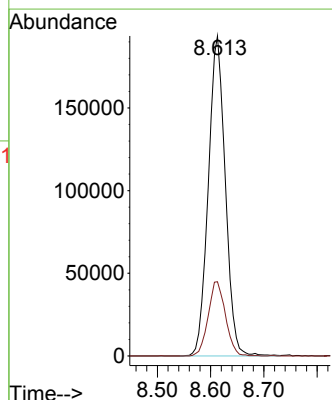
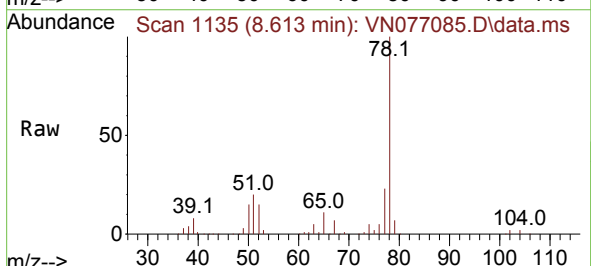
Acq: 21 Mar 2023 12:30

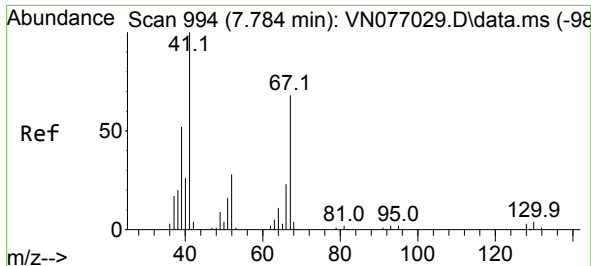
Tgt Ion: 78 Resp: 429308

Ion Ratio Lower Upper

78 100

77 23.2 18.5 27.7

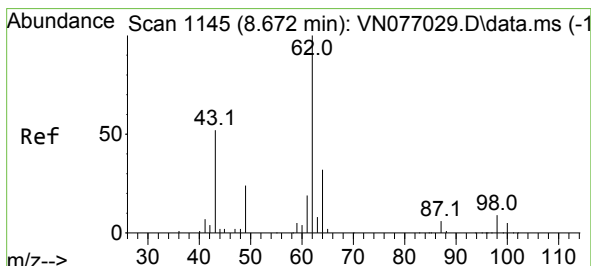
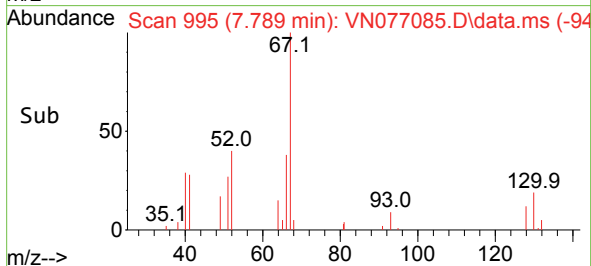
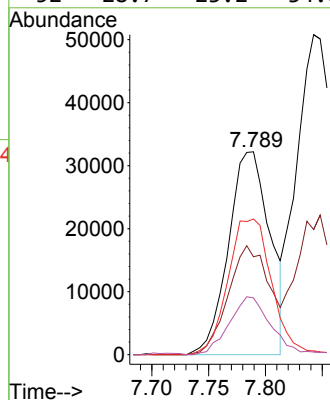
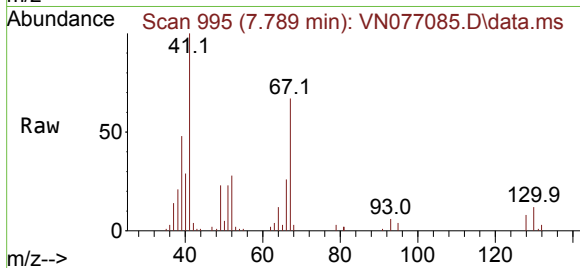




#41
Methacrylonitrile
Concen: 18.511 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

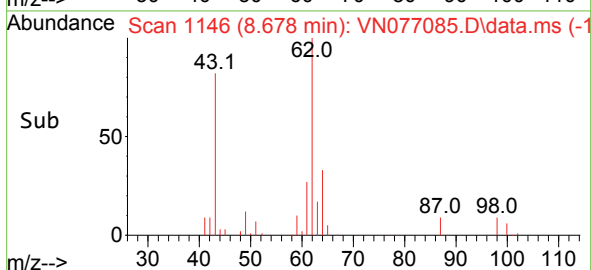
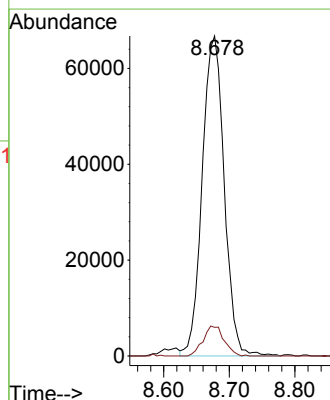
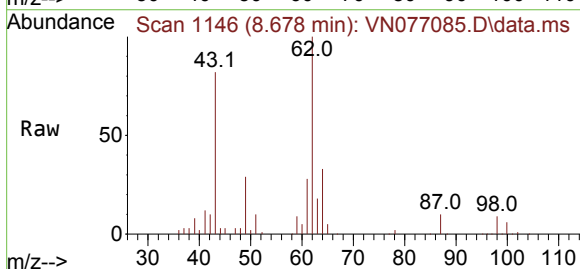
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

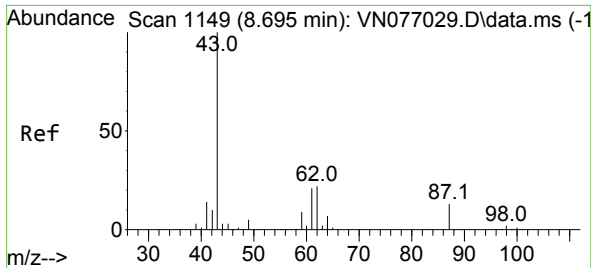
Tgt Ion:	41	Resp:	81942
Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.6	62.4
67	70.8	53.8	80.8
52	28.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 18.521 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion:	62	Resp:	155881
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4

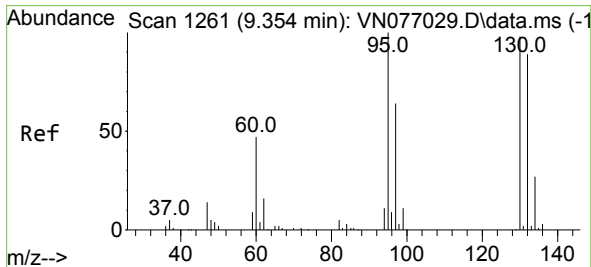
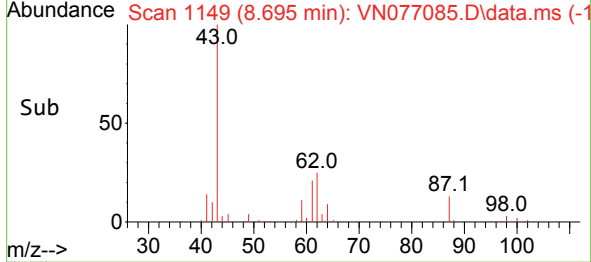
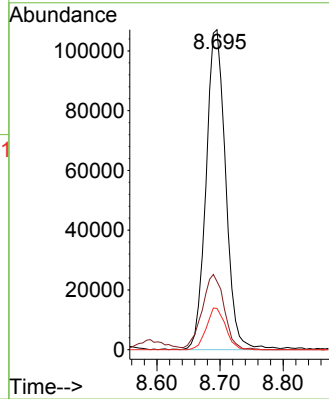
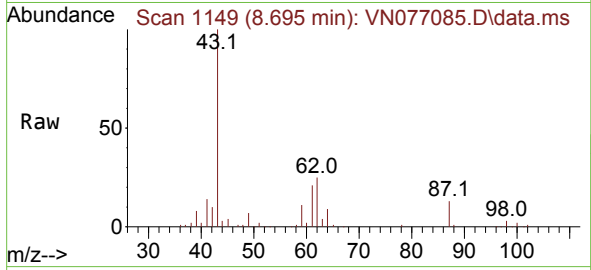




#43
Isopropyl Acetate
Concen: 17.986 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

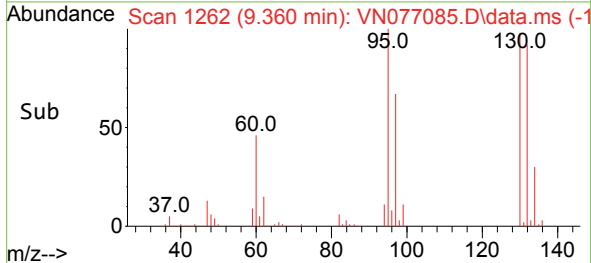
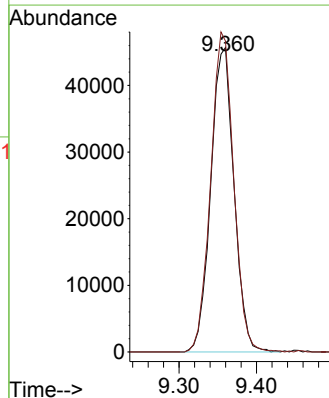
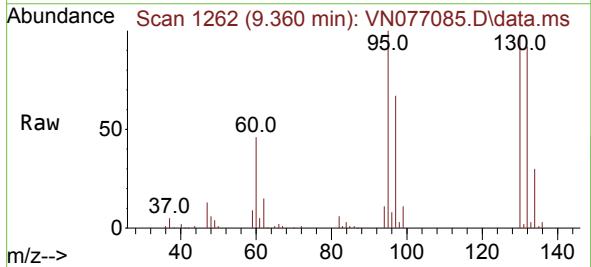
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

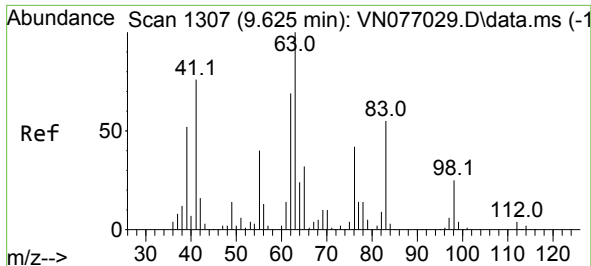
Tgt Ion: 43 Resp: 230871
Ion Ratio Lower Upper
43 100
61 26.6 20.6 30.8
87 12.8 10.0 15.0



#44
Trichloroethene
Concen: 17.792 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion:130 Resp: 95187
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.398 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

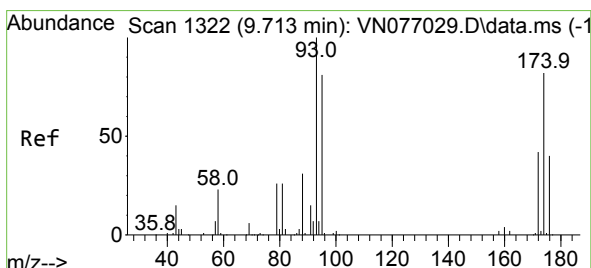
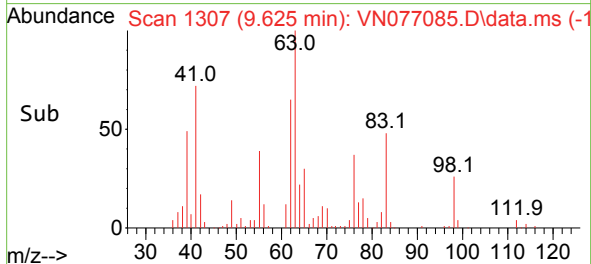
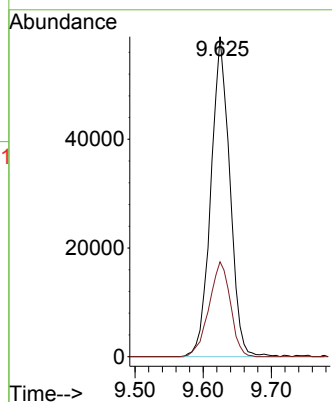
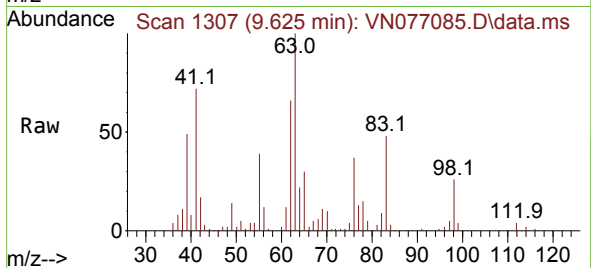
VN0321WBS01

Tgt Ion: 63 Resp: 113812

Ion Ratio Lower Upper

63 100

65 29.6 25.5 38.3



#46

Dibromomethane

Concen: 18.417 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

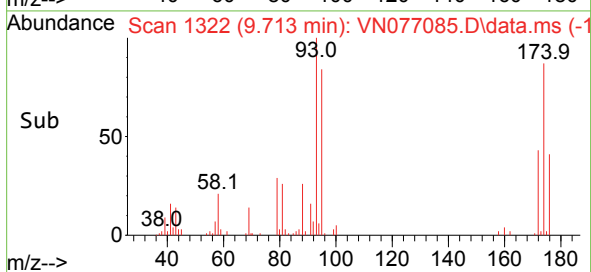
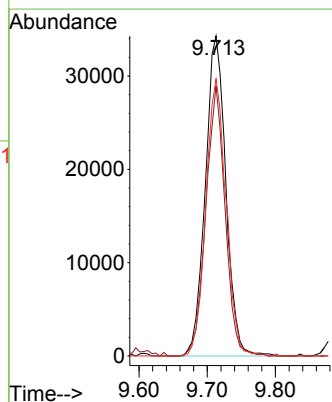
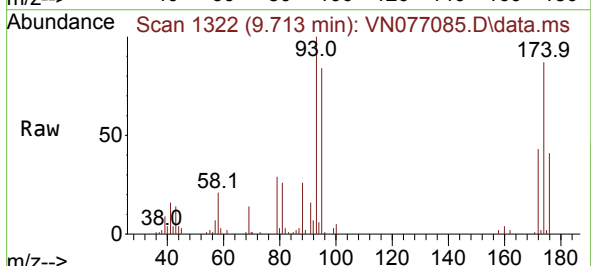
Tgt Ion: 93 Resp: 71854

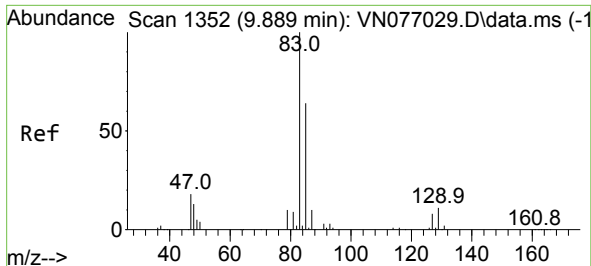
Ion Ratio Lower Upper

93 100

95 79.4 65.7 98.5

174 85.5 66.4 99.6

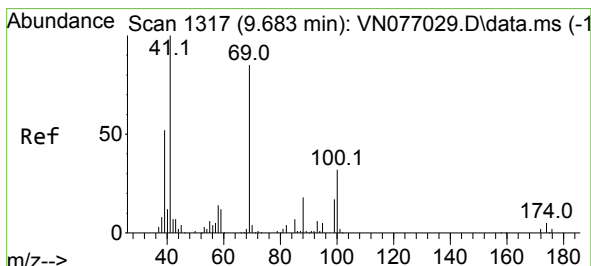
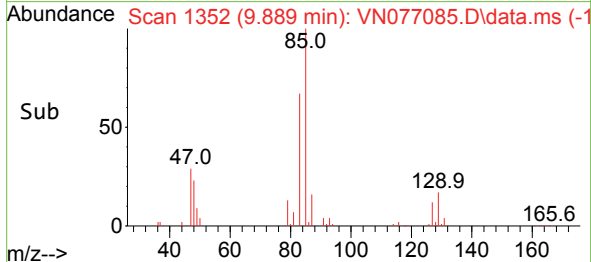
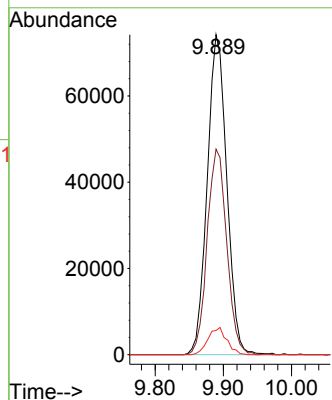
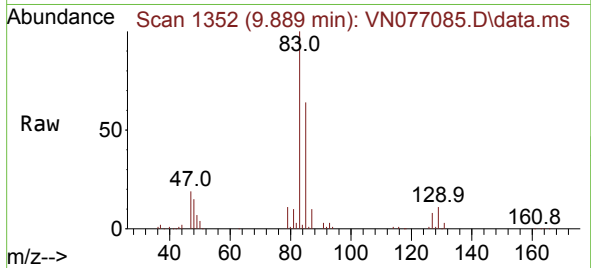




#47
Bromodichloromethane
Concen: 18.101 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

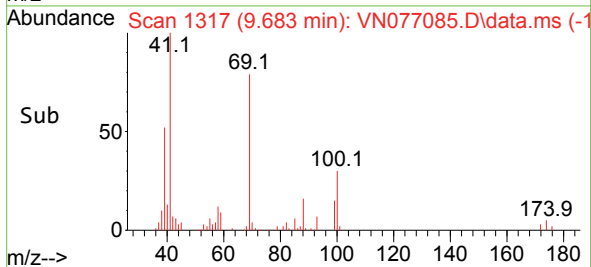
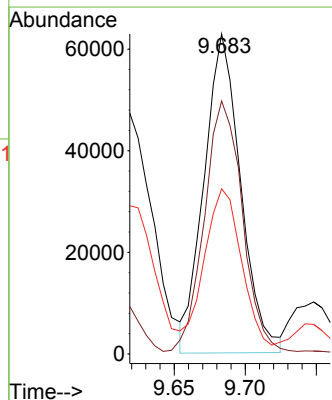
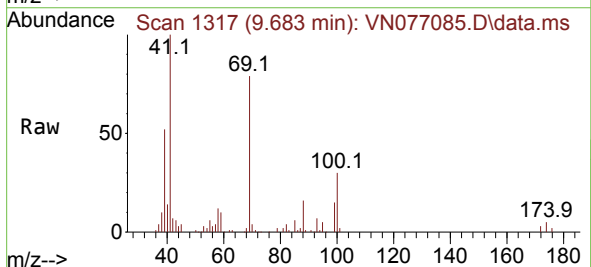
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

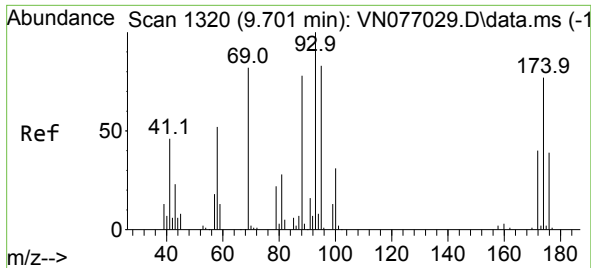
Tgt Ion: 83 Resp: 148113
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 18.313 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 41 Resp: 112379
Ion Ratio Lower Upper
41 100
69 84.6 64.3 96.5
39 54.4 43.2 64.8

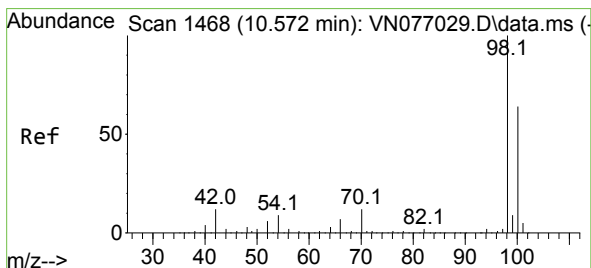
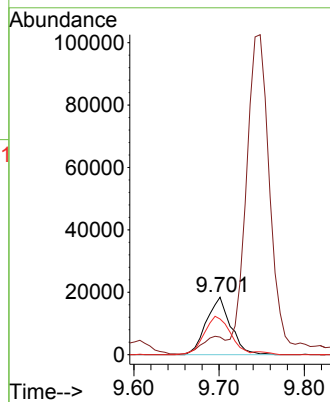
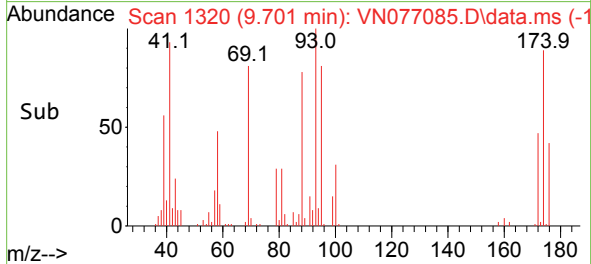
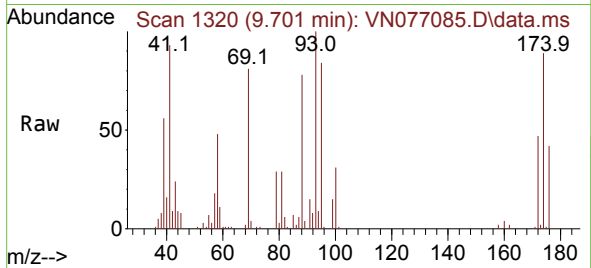




#49
1,4-Dioxane
Concen: 348.322 ug/l
RT: 9.701 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

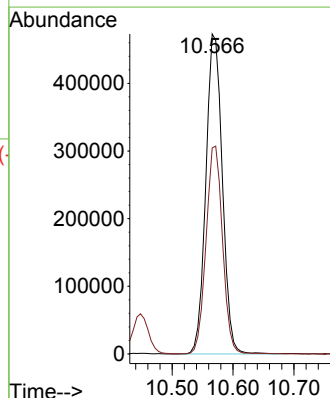
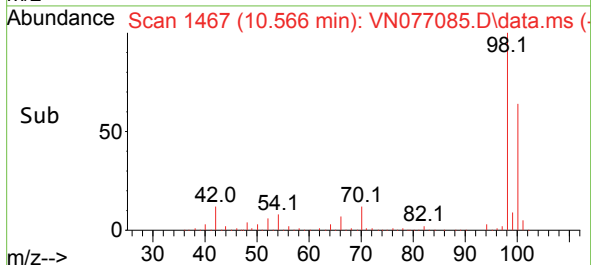
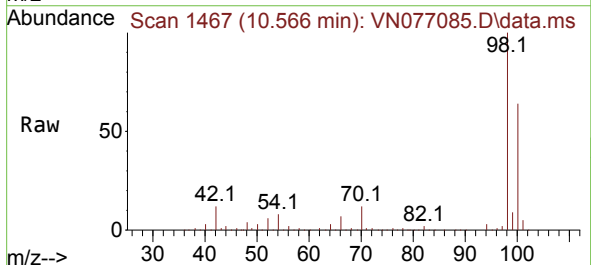
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

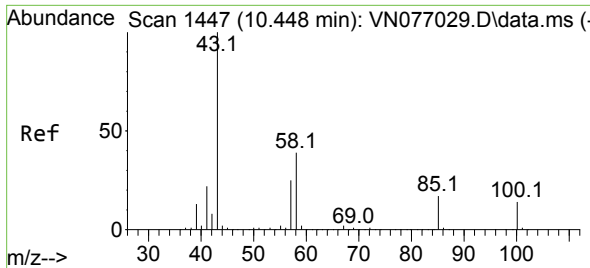
Tgt Ion: 88 Resp: 36509
Ion Ratio Lower Upper
88 100
43 29.0 22.2 33.2
58 75.2 60.8 91.2



#50
Toluene-d8
Concen: 50.631 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 98 Resp: 889306
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4

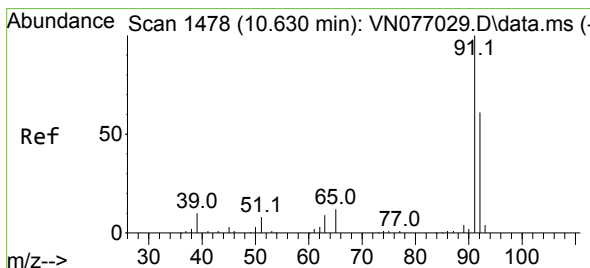
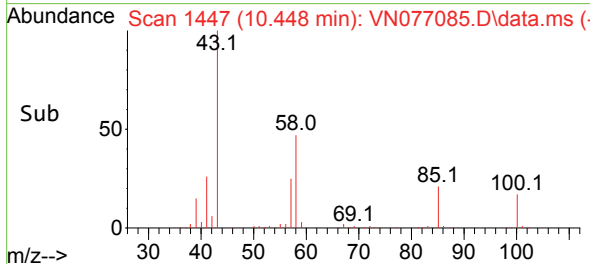
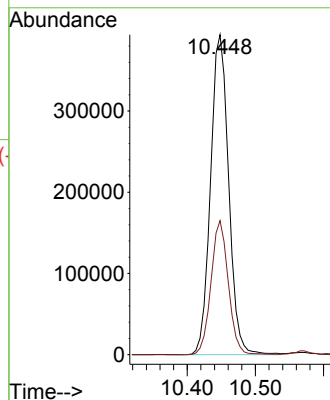
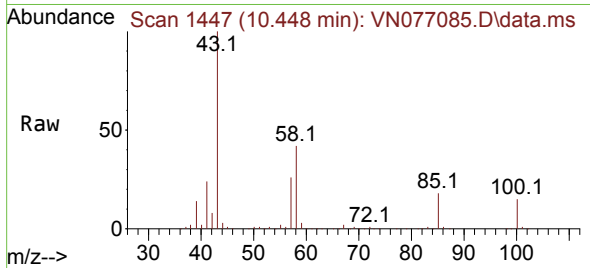




#51
4-Methyl-2-Pentanone
Concen: 91.133 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

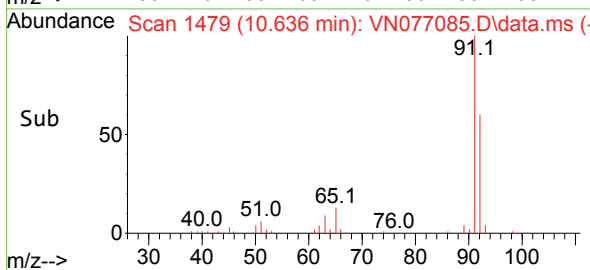
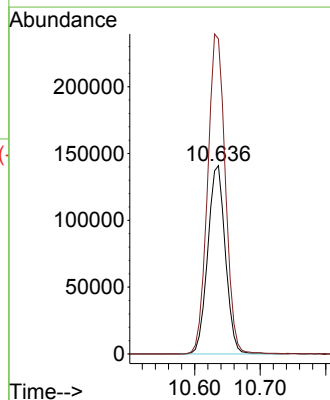
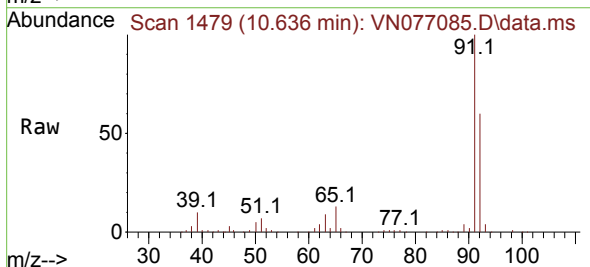
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

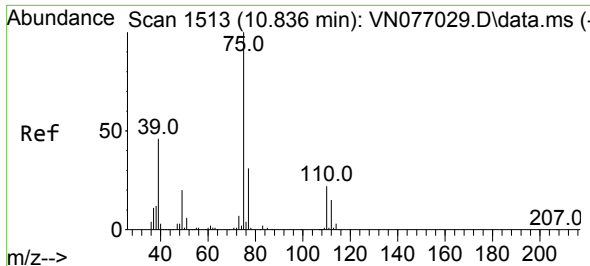
Tgt Ion: 43 Resp: 728479
Ion Ratio Lower Upper
43 100
58 40.1 31.1 46.7



#52
Toluene
Concen: 18.906 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 92 Resp: 262918
Ion Ratio Lower Upper
92 100
91 171.2 135.8 203.8

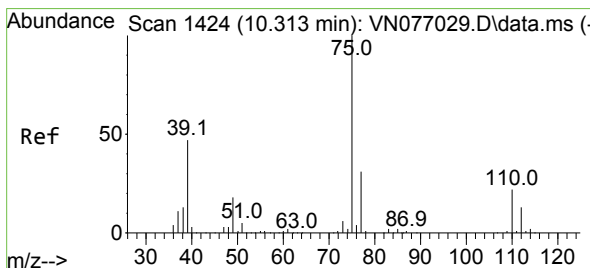
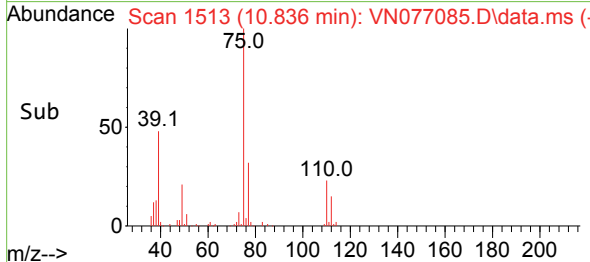
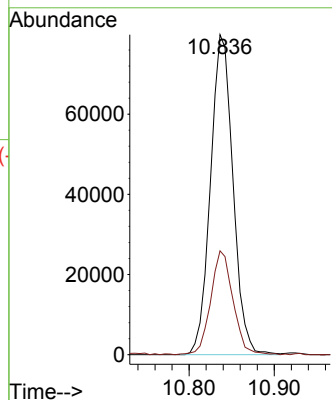
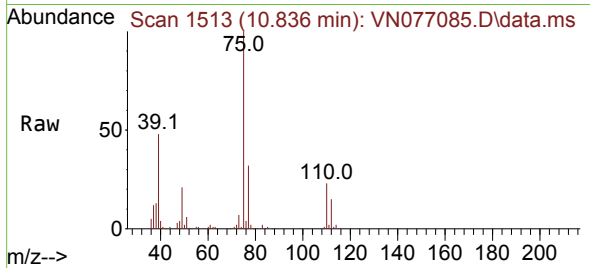




#53
t-1,3-Dichloropropene
Concen: 18.284 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

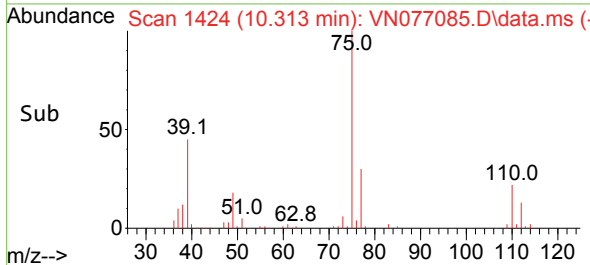
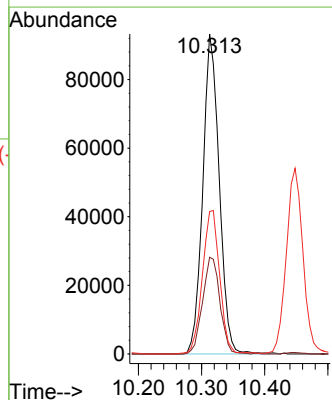
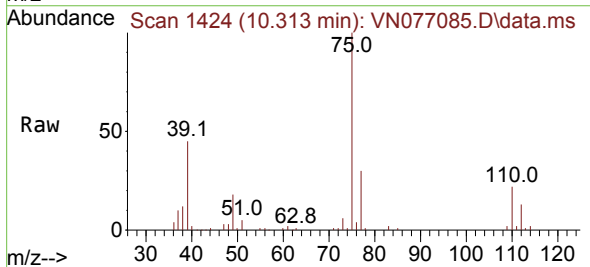
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

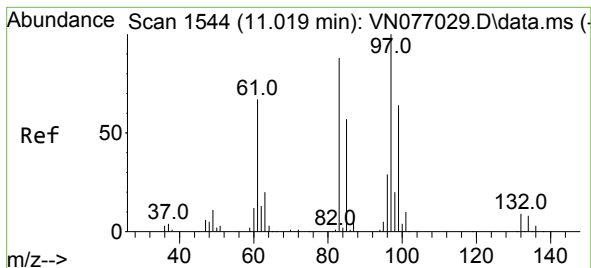
Tgt Ion: 75 Resp: 146632
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.627 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 75 Resp: 168547
Ion Ratio Lower Upper
75 100
77 30.2 24.5 36.7
39 44.3 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 18.730 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

Tgt Ion: 97 Resp: 102714

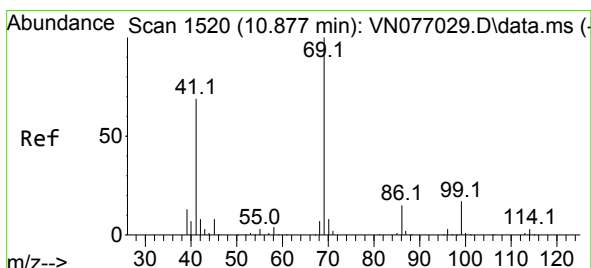
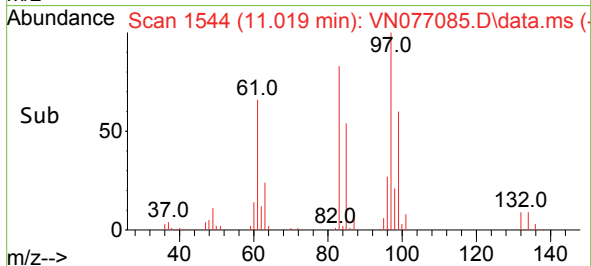
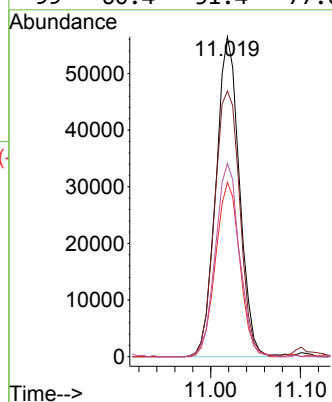
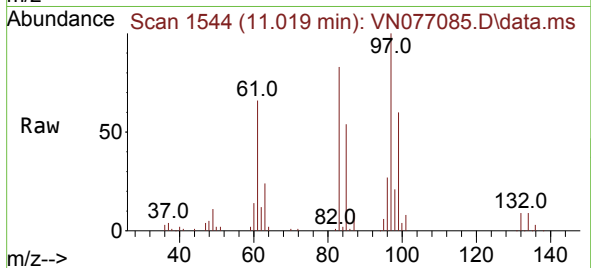
Ion Ratio Lower Upper

97 100

83 83.1 70.5 105.7

85 54.5 45.4 68.2

99 60.4 51.4 77.0



#56

Ethyl methacrylate

Concen: 18.852 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

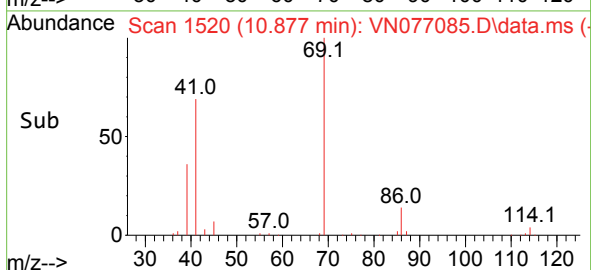
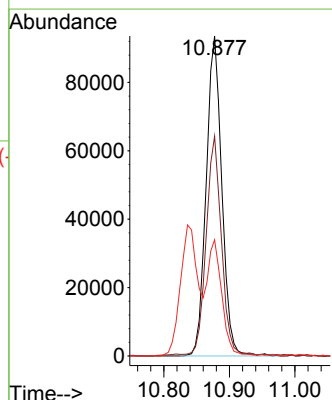
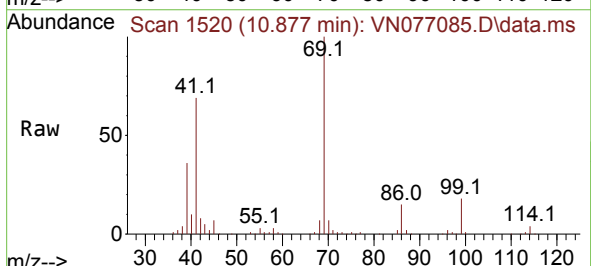
Tgt Ion: 69 Resp: 155456

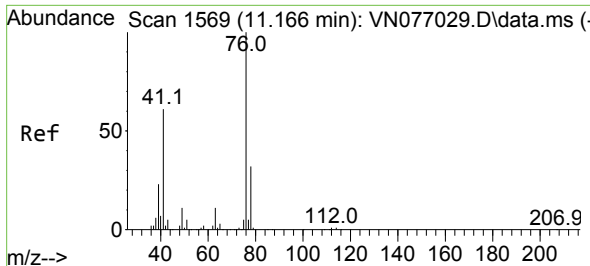
Ion Ratio Lower Upper

69 100

41 66.7 54.9 82.3

39 32.3 26.6 40.0





#57

1,3-Dichloropropane

Concen: 17.969 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

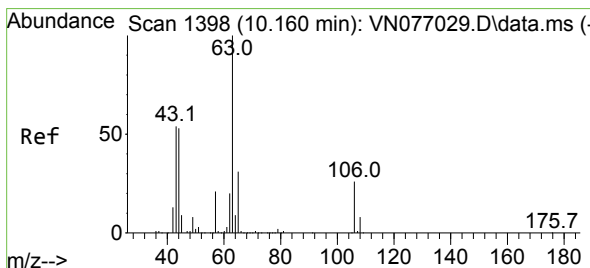
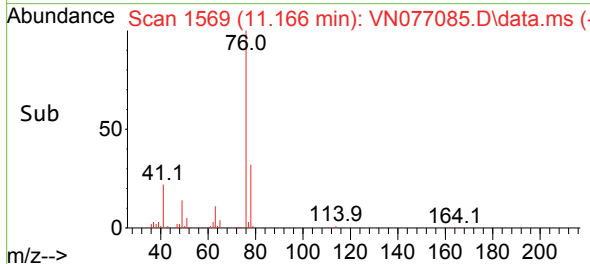
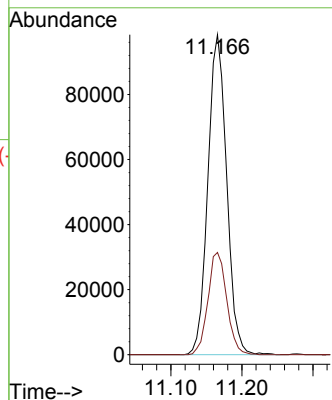
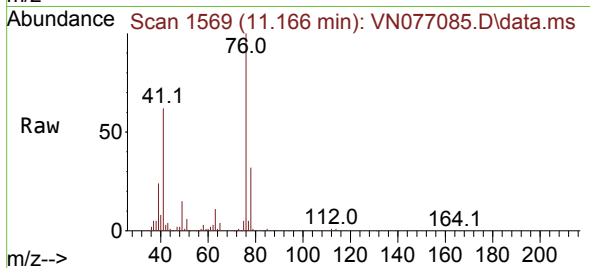
VN0321WBS01

Tgt Ion: 76 Resp: 180409

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 81.325 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077085.D

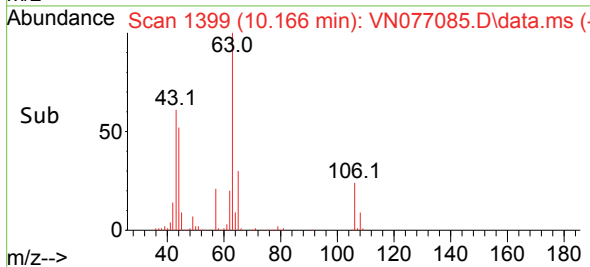
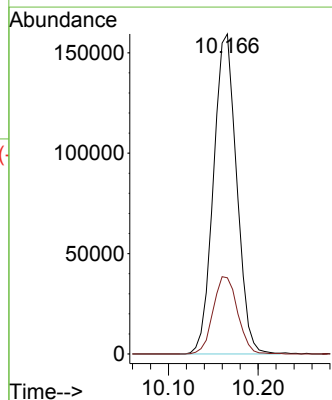
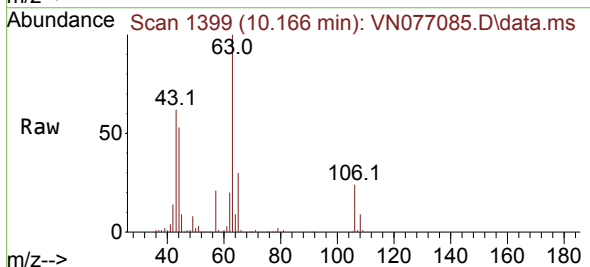
Acq: 21 Mar 2023 12:30

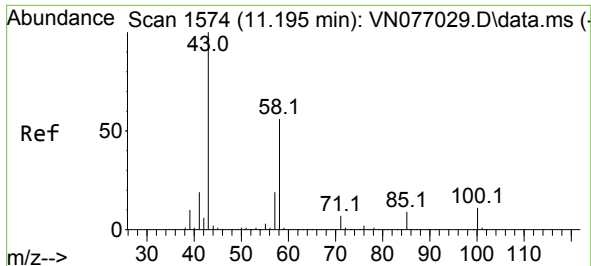
Tgt Ion: 63 Resp: 285909

Ion Ratio Lower Upper

63 100

106 25.5 20.6 31.0

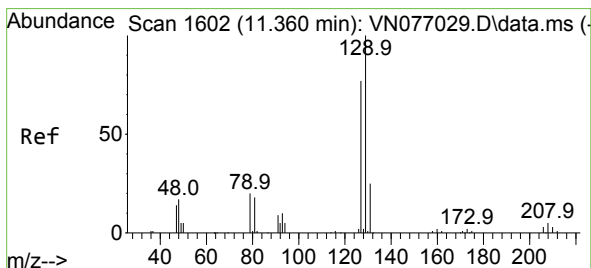
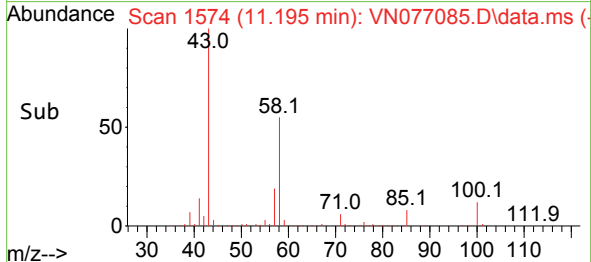
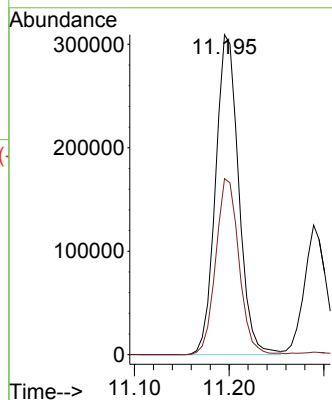
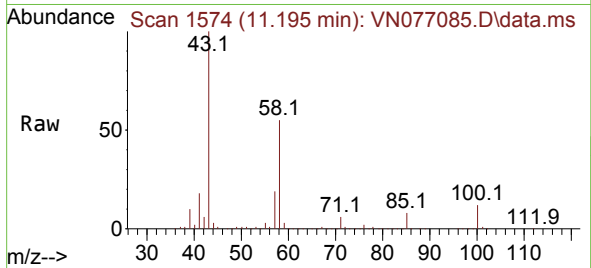




#59
2-Hexanone
Concen: 90.674 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

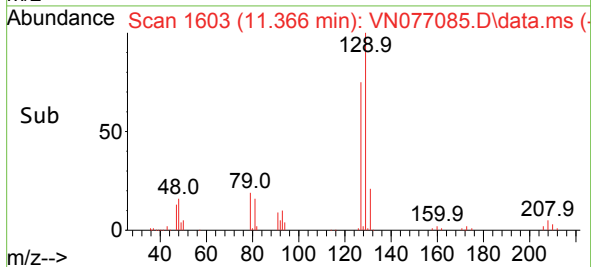
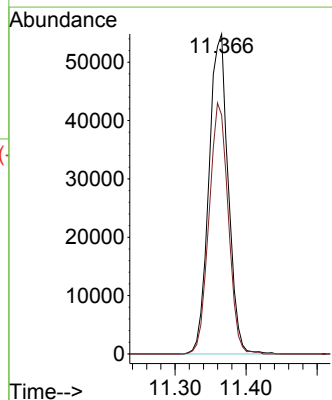
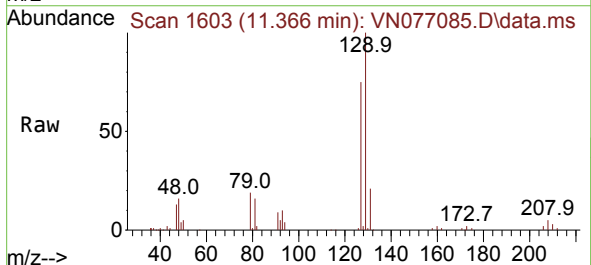
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

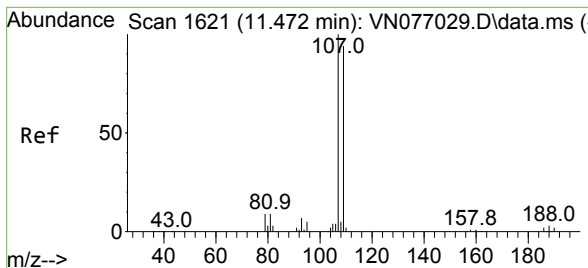
Tgt Ion: 43 Resp: 525716
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1



#60
Dibromochloromethane
Concen: 18.772 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 129 Resp: 103406
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

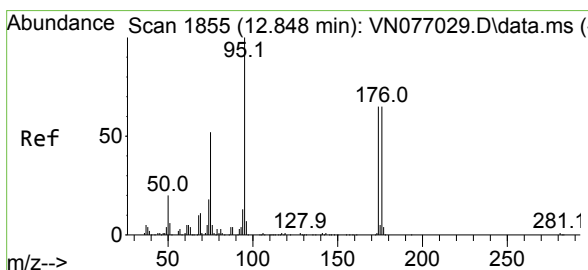
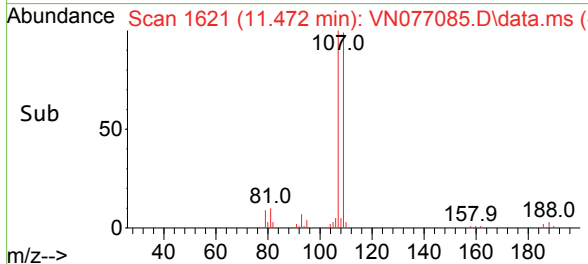
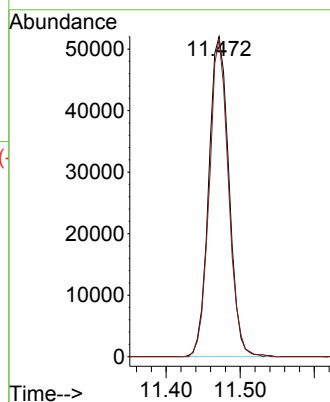
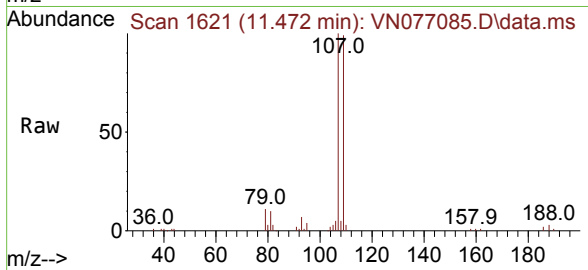




#61
1,2-Dibromoethane
Concen: 18.076 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

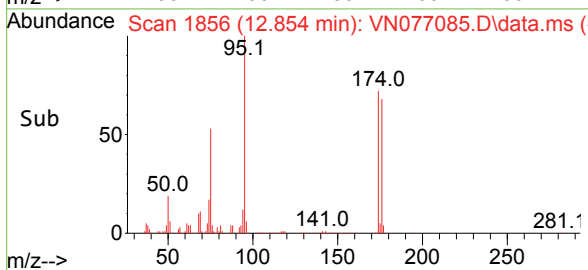
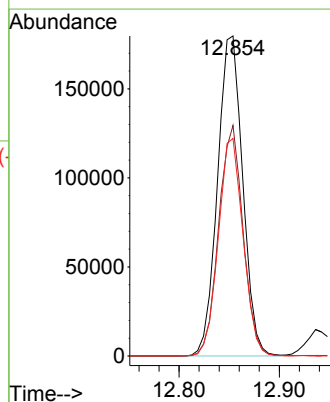
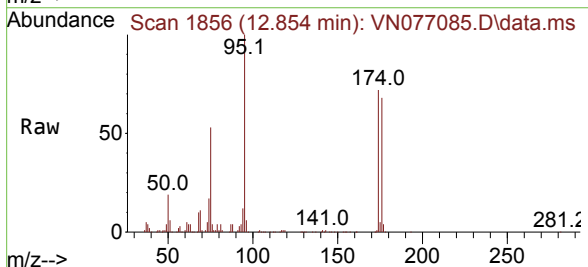
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

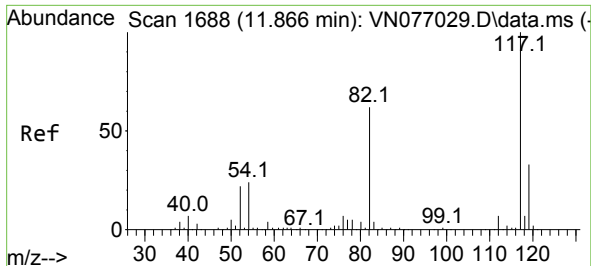
Tgt Ion:107 Resp: 98301
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.547 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 95 Resp: 313727
Ion Ratio Lower Upper
95 100
174 69.6 0.0 136.6
176 66.7 0.0 130.0

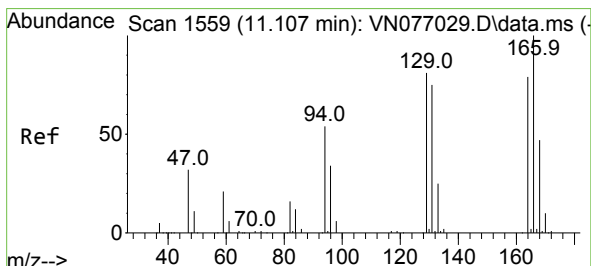
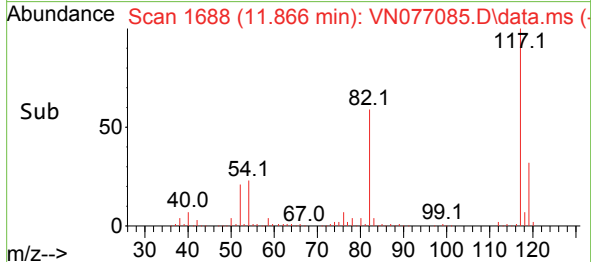
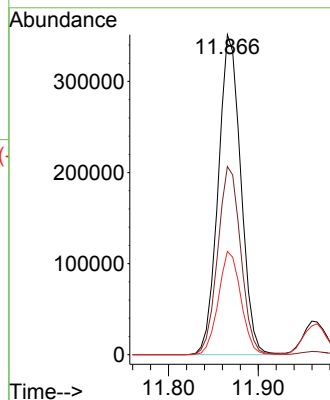
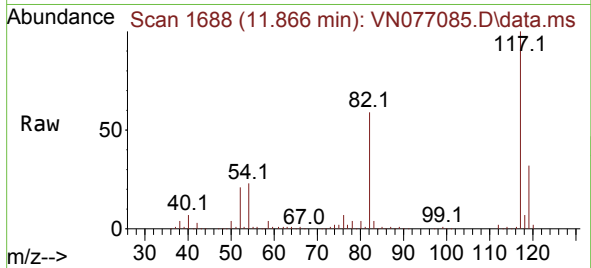




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

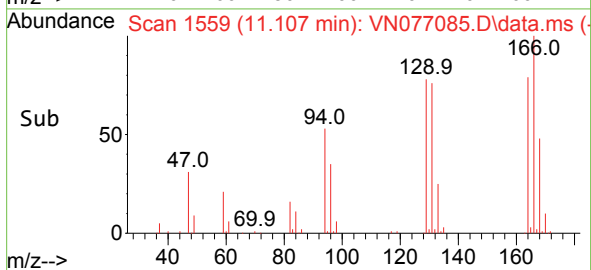
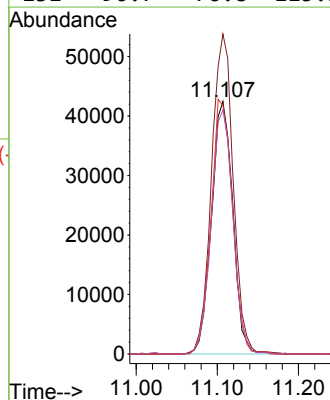
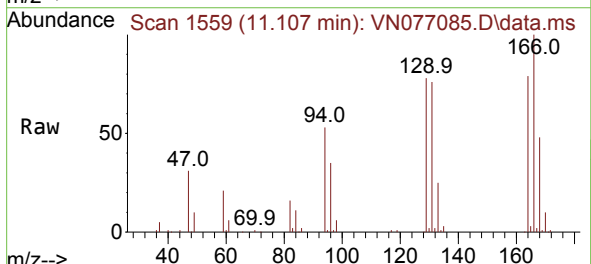
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

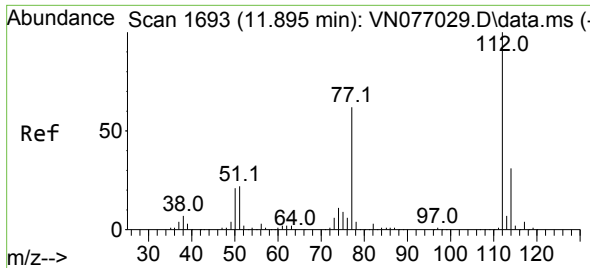
Tgt Ion:117 Resp: 614971
Ion Ratio Lower Upper
117 100
82 58.8 49.4 74.0
119 32.3 26.5 39.7



#64
Tetrachloroethene
Concen: 18.748 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion:164 Resp: 77378
Ion Ratio Lower Upper
164 100
166 126.7 101.9 152.9
129 98.5 82.6 123.8
131 96.7 76.8 115.2

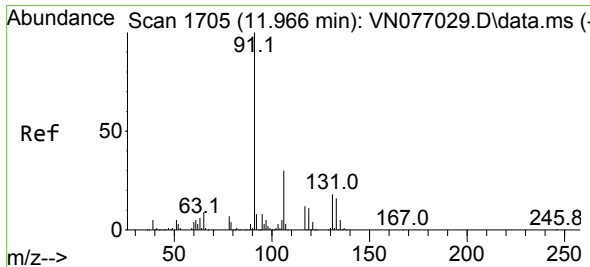
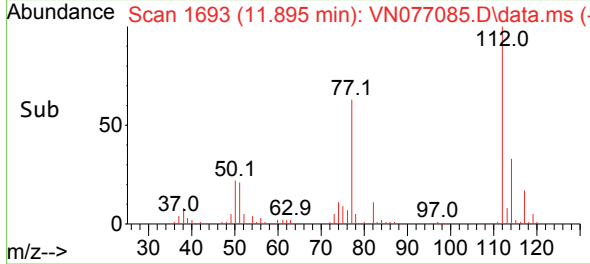
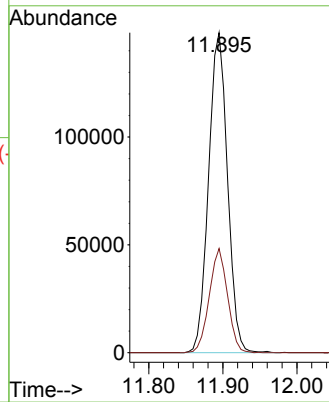
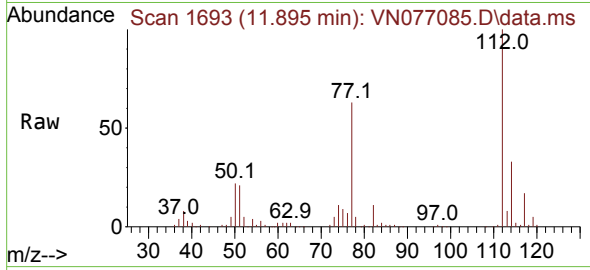




#65
Chlorobenzene
Concen: 18.585 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

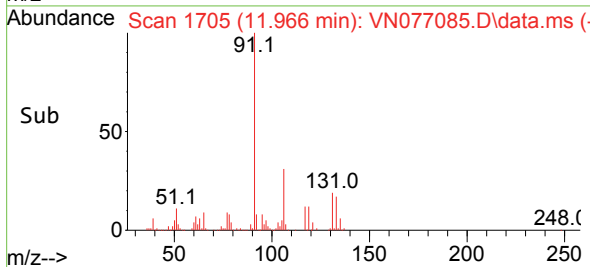
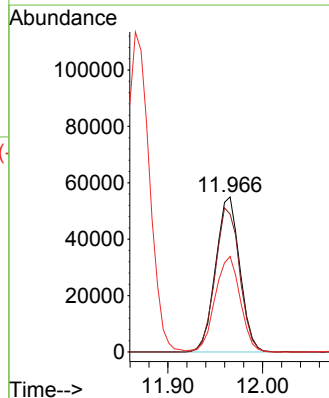
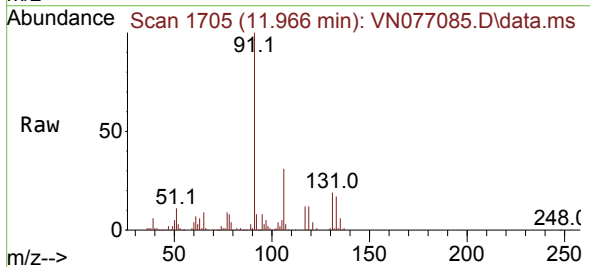
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

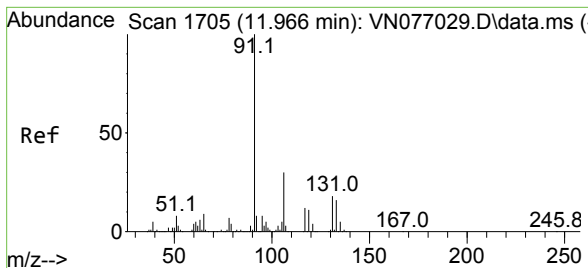
Tgt Ion:112 Resp: 262977
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.623 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion:131 Resp: 97507
Ion Ratio Lower Upper
131 100
133 94.4 46.8 140.3
119 63.8 32.6 97.8





#67

Ethyl Benzene

Concen: 18.795 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

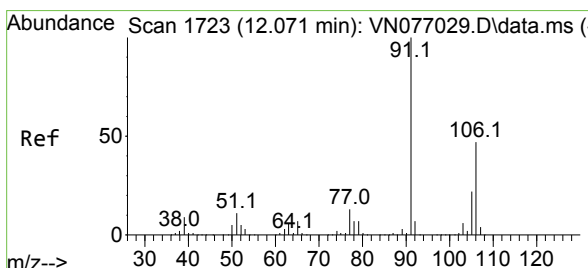
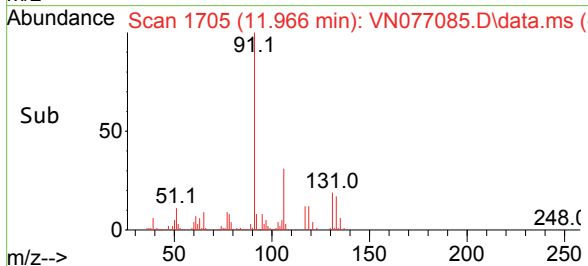
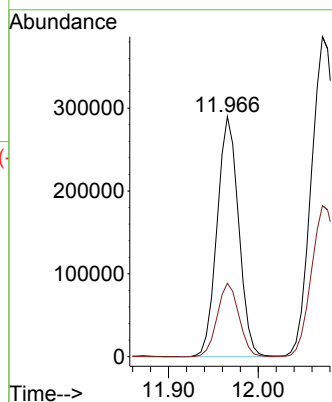
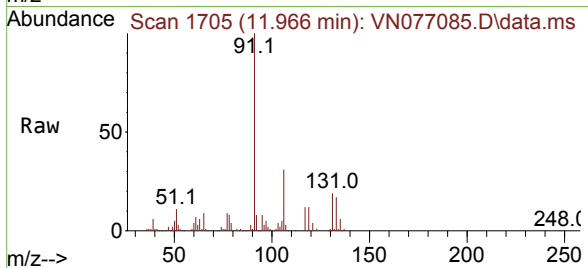
VN0321WBS01

Tgt Ion: 91 Resp: 483066

Ion Ratio Lower Upper

91 100

106 30.6 24.3 36.5



#68

m/p-Xylenes

Concen: 38.637 ug/l

RT: 12.071 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VN077085.D

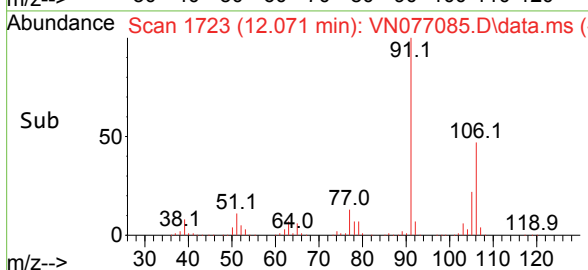
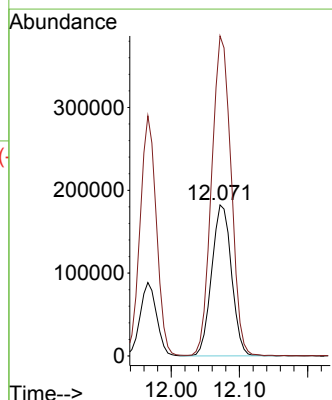
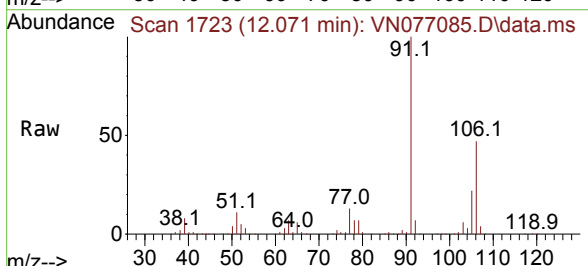
Acq: 21 Mar 2023 12:30

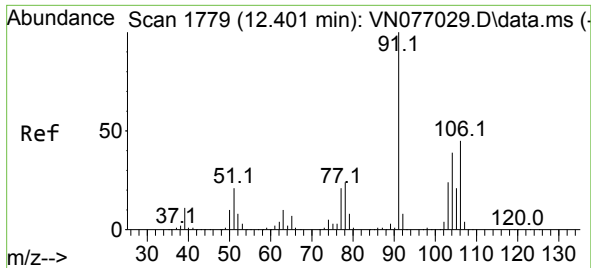
Tgt Ion:106 Resp: 368282

Ion Ratio Lower Upper

106 100

91 208.5 168.0 252.0

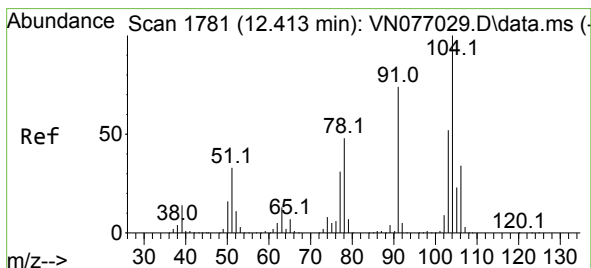
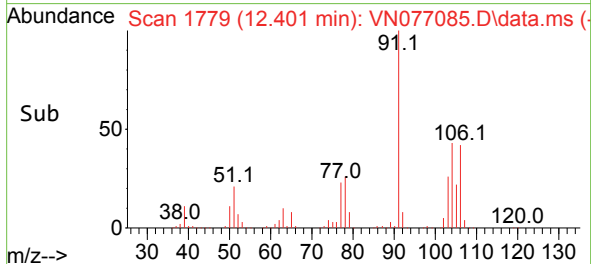
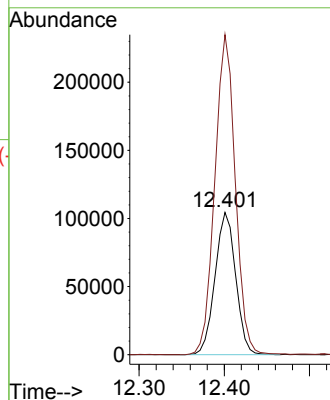
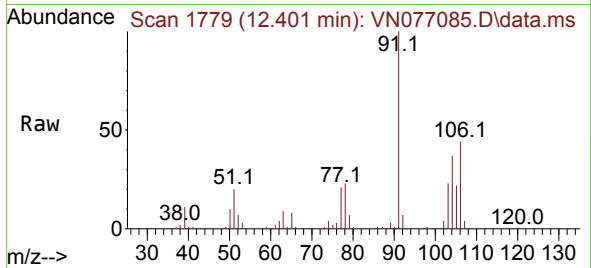




#69
o-Xylene
Concen: 18.590 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

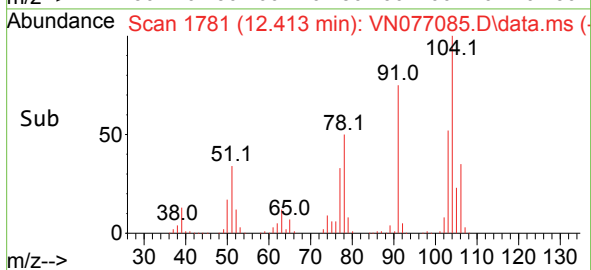
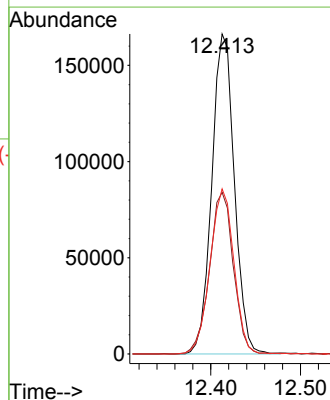
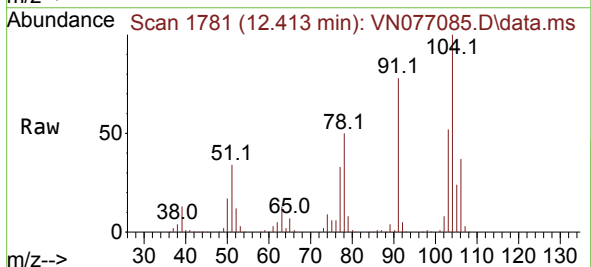
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

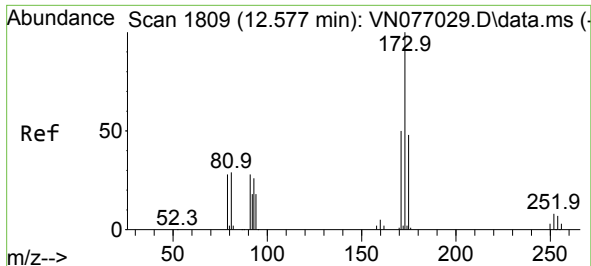
Tgt Ion:106 Resp: 176069
Ion Ratio Lower Upper
106 100
91 223.5 110.3 330.9



#70
Styrene
Concen: 19.708 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion:104 Resp: 290601
Ion Ratio Lower Upper
104 100
78 53.5 41.8 62.8
103 54.6 43.8 65.6

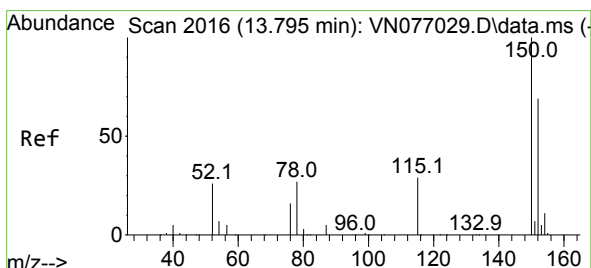
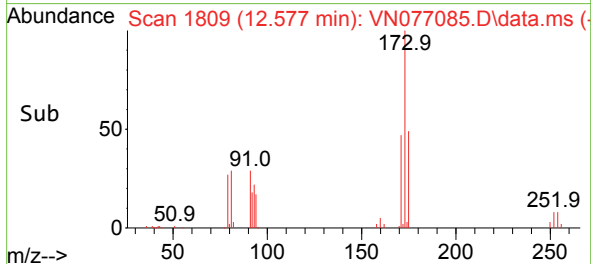
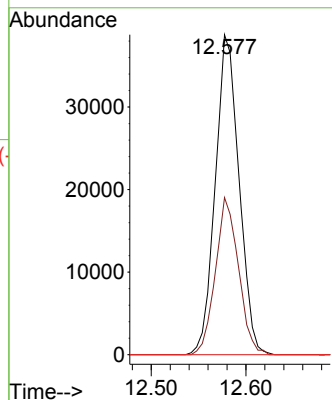
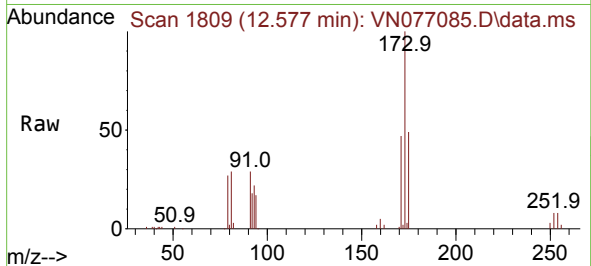




#71
Bromoform
Concen: 19.022 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

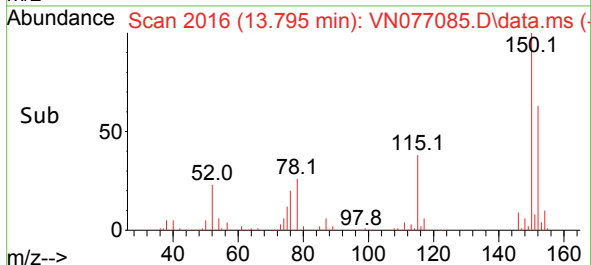
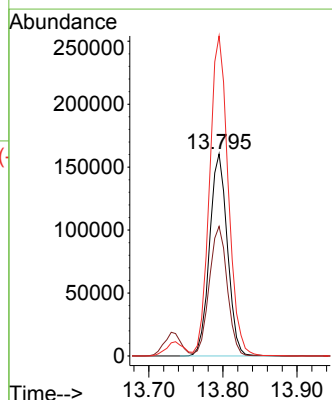
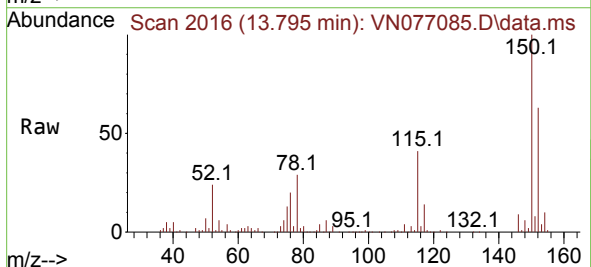
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

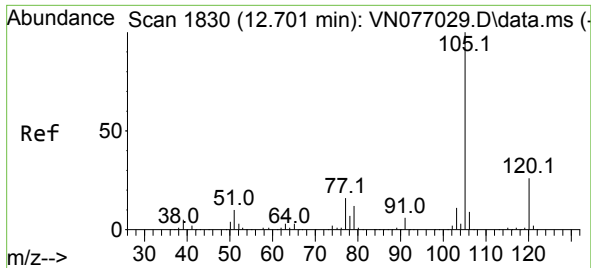
Tgt Ion:173 Resp: 67486
Ion Ratio Lower Upper
173 100
175 47.7 24.5 73.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion:152 Resp: 267826
Ion Ratio Lower Upper
152 100
115 64.4 31.9 95.7
150 165.9 0.0 348.0

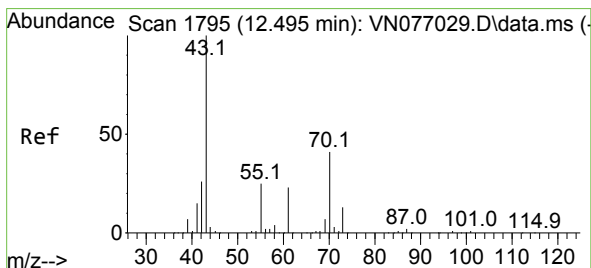
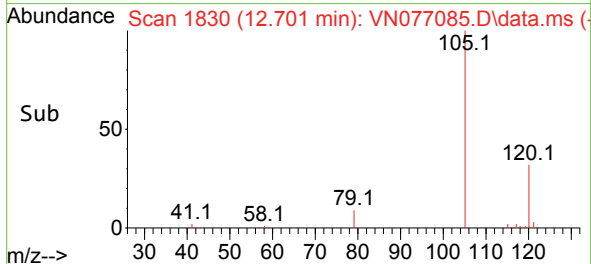
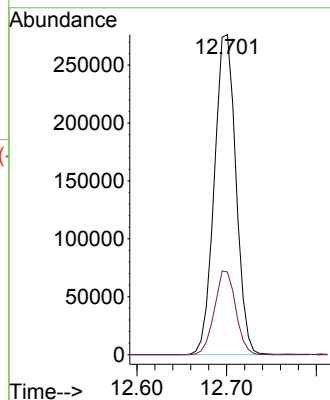
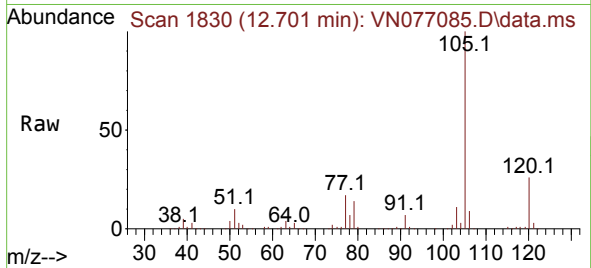




#73
Isopropylbenzene
Concen: 19.276 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

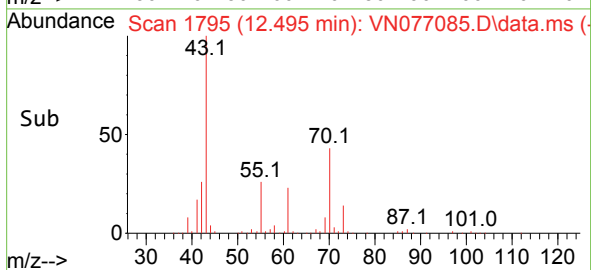
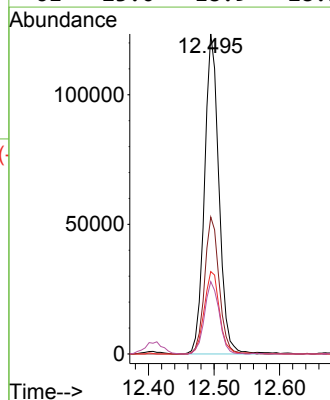
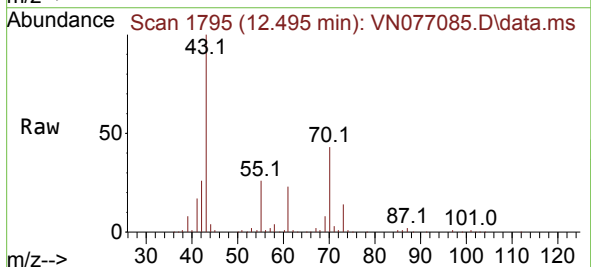
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

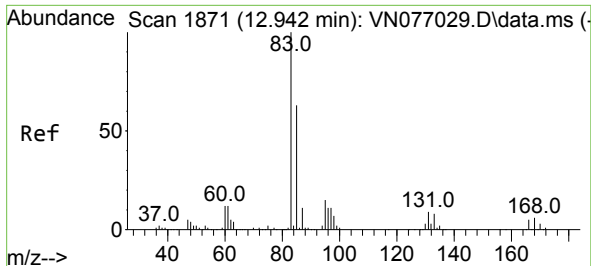
Tgt Ion:105 Resp: 462656
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4



#74
N-ethyl acetate
Concen: 18.295 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 43 Resp: 190062
Ion Ratio Lower Upper
43 100
70 42.9 33.6 50.4
55 27.3 20.3 30.5
61 23.0 18.9 28.3

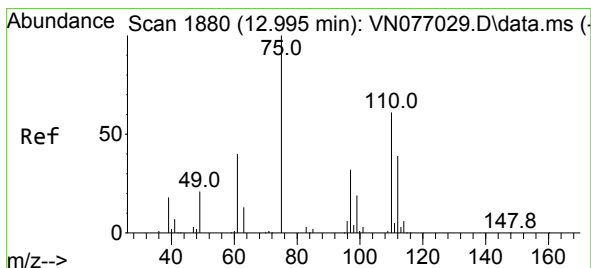
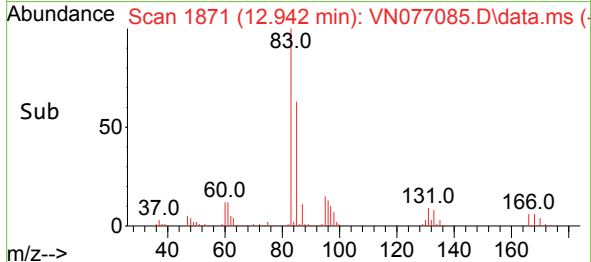
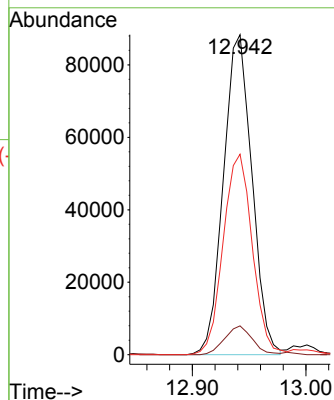
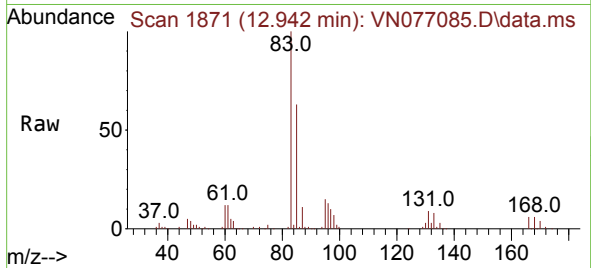




#75
1,1,2,2-Tetrachloroethane
Concen: 17.714 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

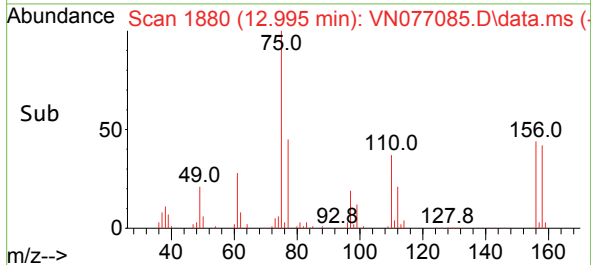
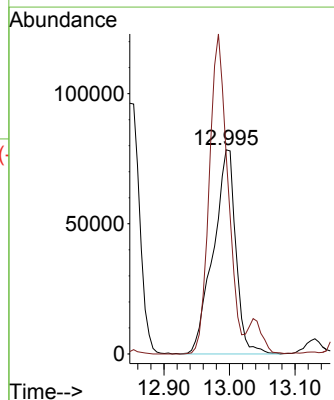
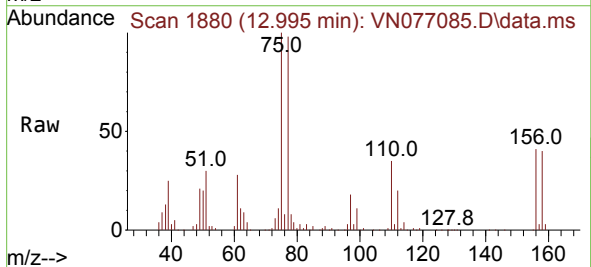
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

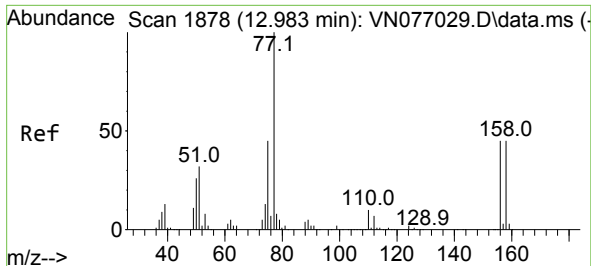
Tgt Ion: 83 Resp: 154037
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.7
85 64.0 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 27.064 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 75 Resp: 187488
Ion Ratio Lower Upper
75 100
77 129.2 107.3 322.0

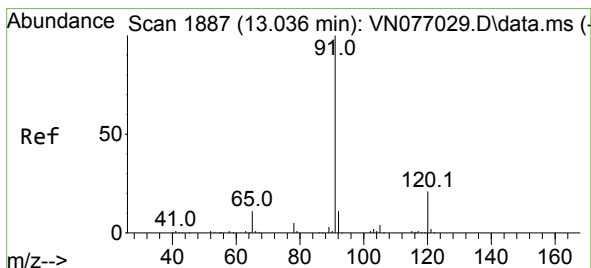
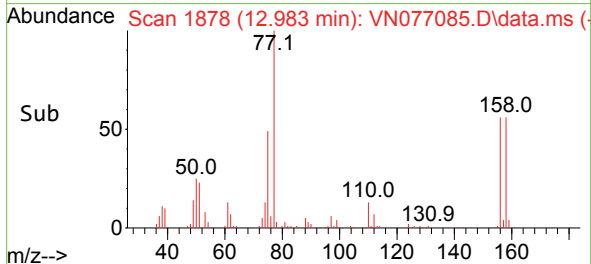
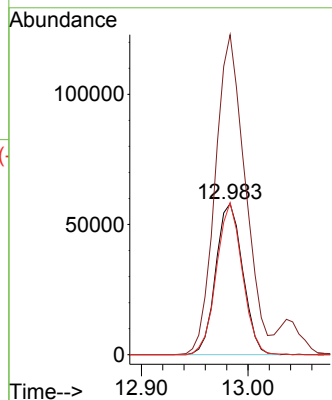
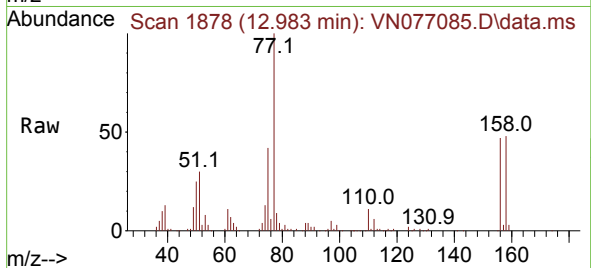




#77
Bromobenzene
Concen: 18.931 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

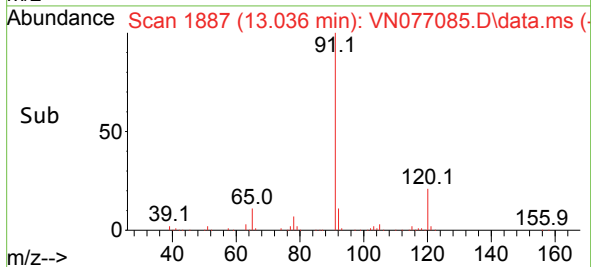
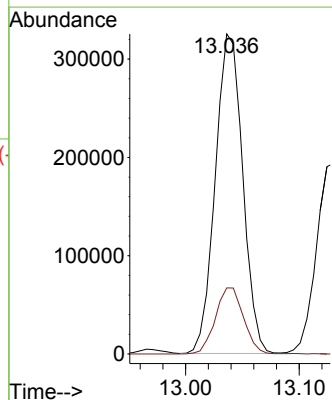
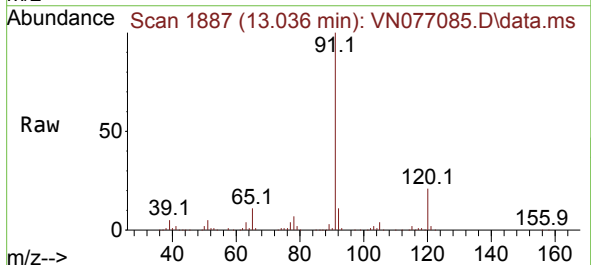
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

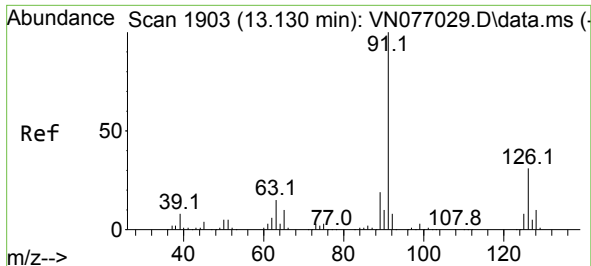
Tgt Ion:156 Resp: 101786
Ion Ratio Lower Upper
156 100
77 237.9 124.8 374.3
158 96.7 48.6 145.9



#78
n-propylbenzene
Concen: 19.685 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 91 Resp: 545423
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.3





#79

2-Chlorotoluene

Concen: 19.446 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

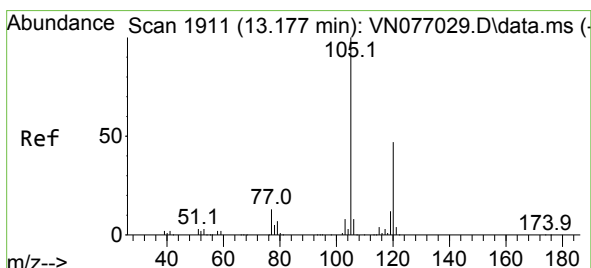
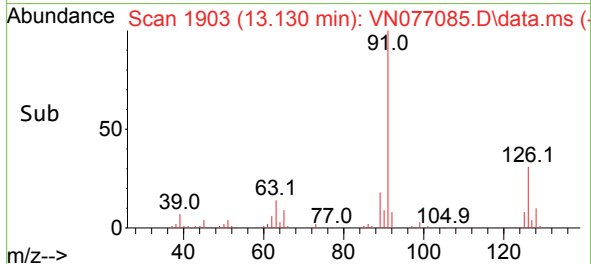
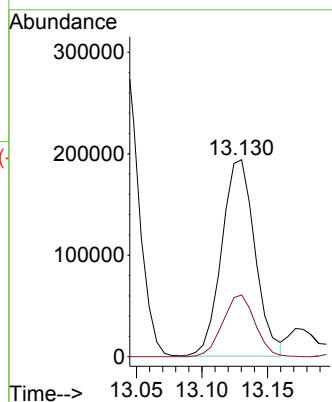
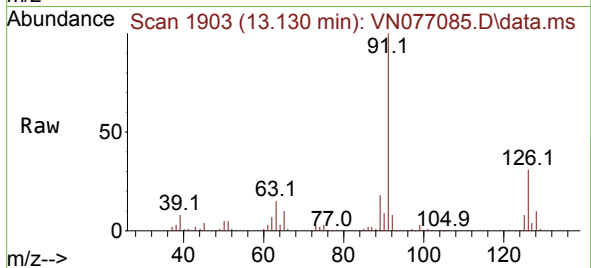
VN0321WBS01

Tgt Ion: 91 Resp: 343320

Ion Ratio Lower Upper

91 100

126 30.4 15.2 45.5



#80

1,3,5-Trimethylbenzene

Concen: 20.226 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077085.D

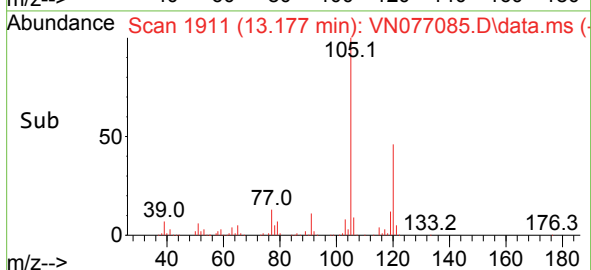
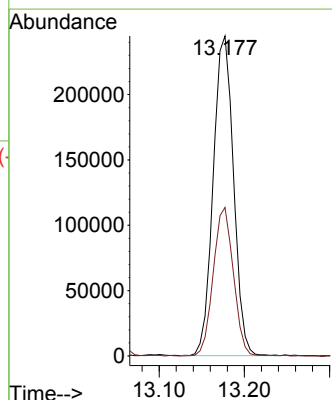
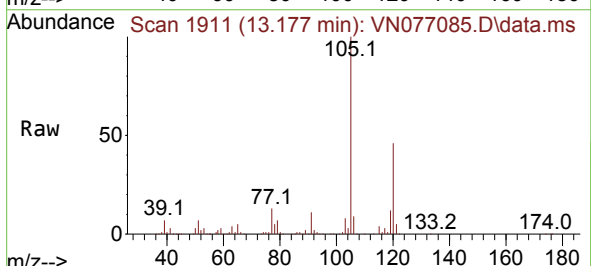
Acq: 21 Mar 2023 12:30

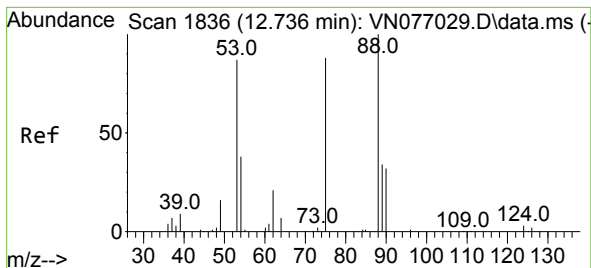
Tgt Ion:105 Resp: 405315

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.2

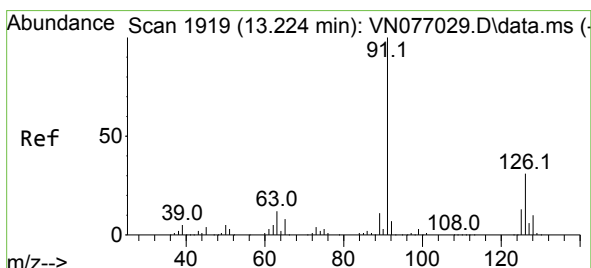
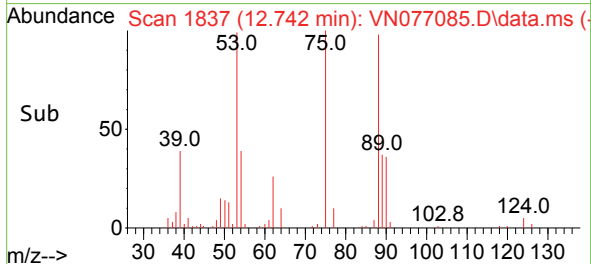
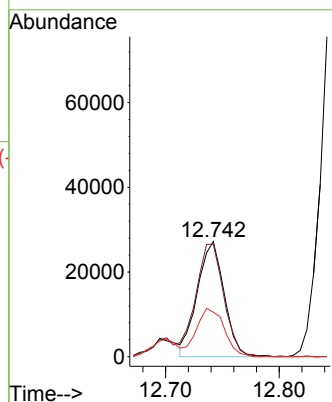
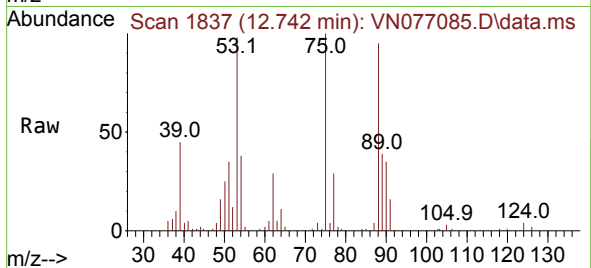




#81
trans-1,4-Dichloro-2-butene
Concen: 17.727 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

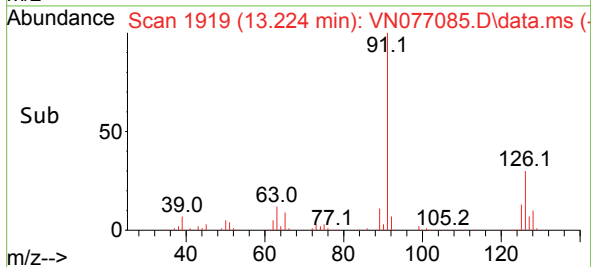
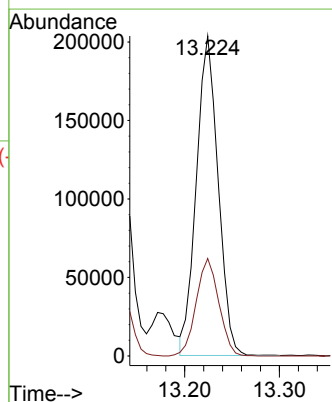
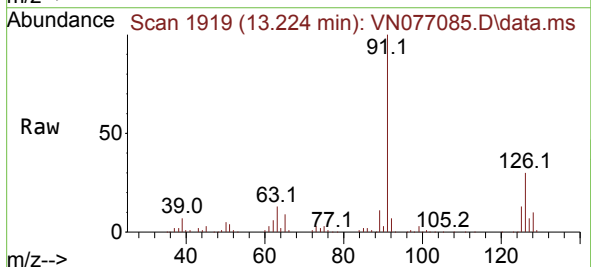
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

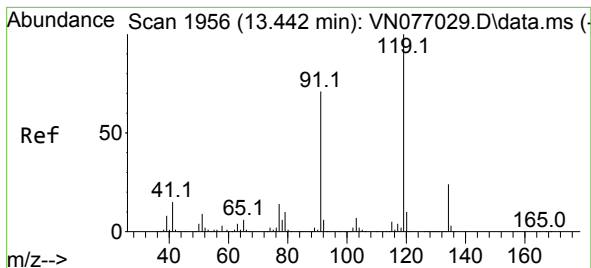
Tgt Ion: 75 Resp: 44615
Ion Ratio Lower Upper
75 100
53 104.5 80.8 121.2
89 43.9 34.2 51.4



#82
4-Chlorotoluene
Concen: 19.301 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 91 Resp: 324043
Ion Ratio Lower Upper
91 100
126 31.8 15.5 46.5





#83

tert-Butylbenzene

Concen: 19.679 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

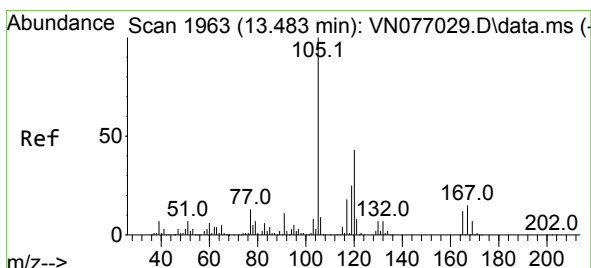
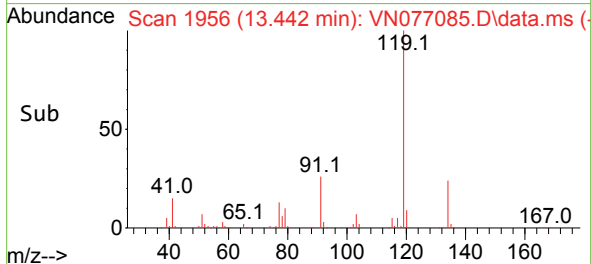
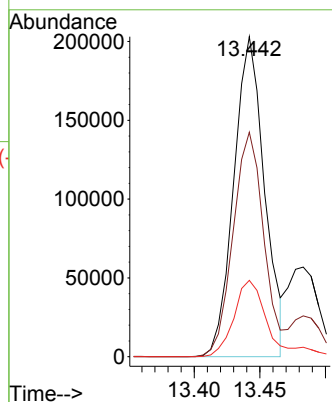
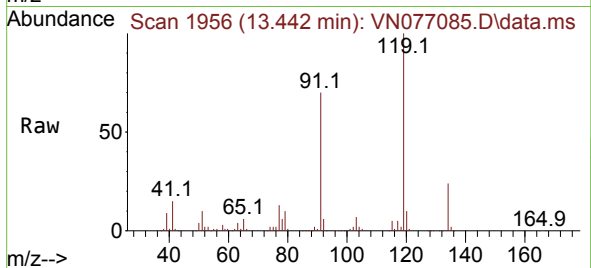
Tgt Ion:119 Resp: 331098

Ion Ratio Lower Upper

119 100

91 71.6 35.8 107.3

134 26.5 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 20.011 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077085.D

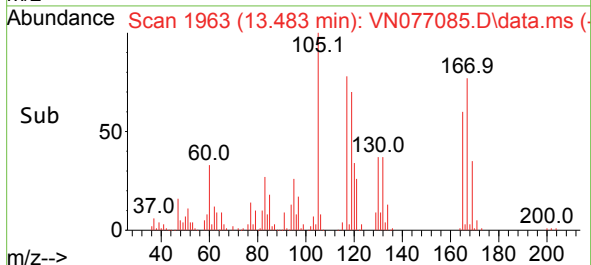
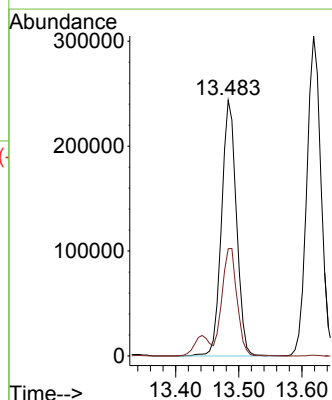
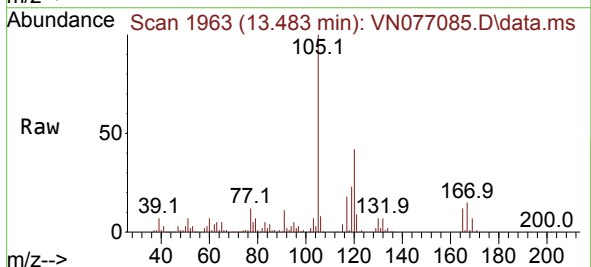
Acq: 21 Mar 2023 12:30

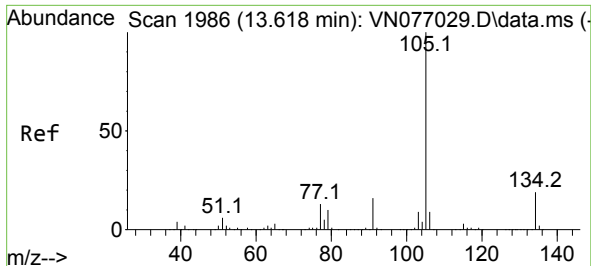
Tgt Ion:105 Resp: 400166

Ion Ratio Lower Upper

105 100

120 42.3 21.8 65.3

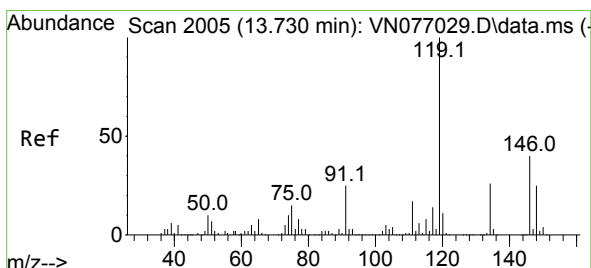
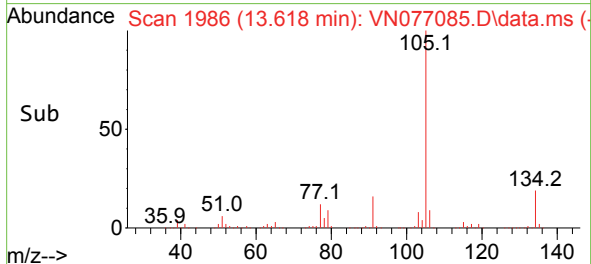
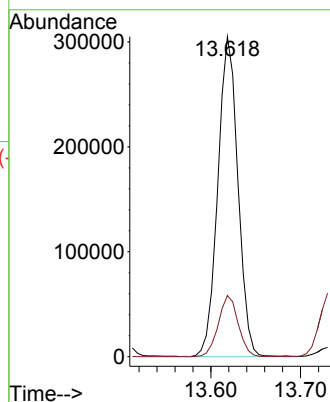
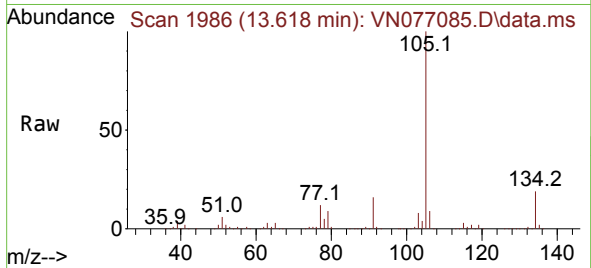




#85
 sec-Butylbenzene
 Concen: 19.814 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

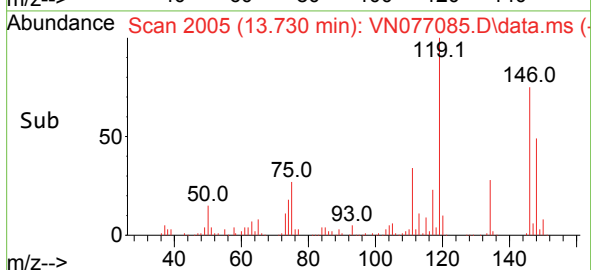
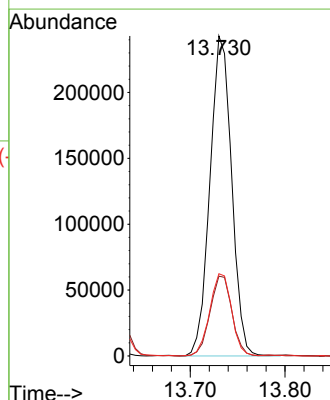
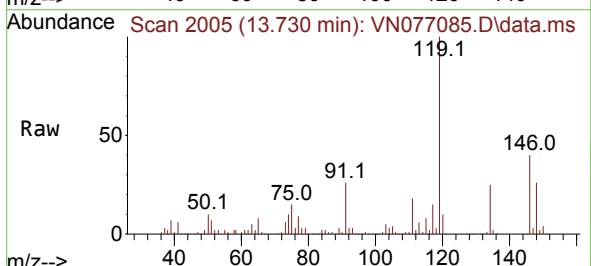
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

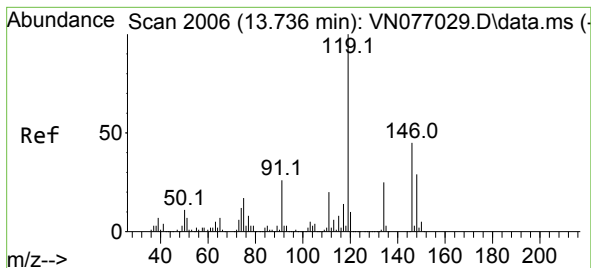
Tgt Ion:105 Resp: 474233
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 20.108 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

Tgt Ion:119 Resp: 386473
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.4
 91 25.8 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 18.378 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

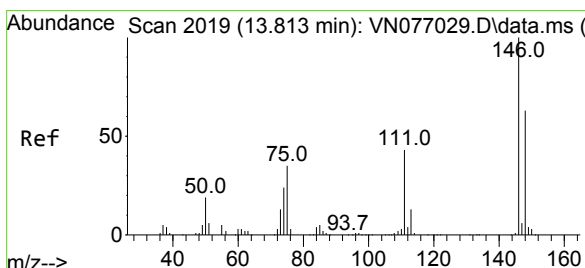
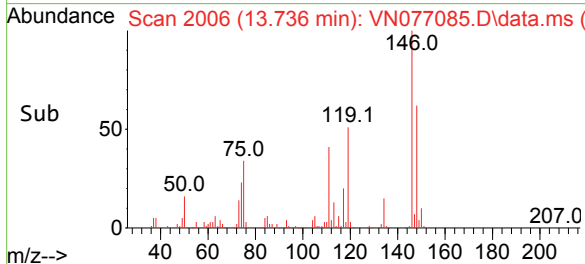
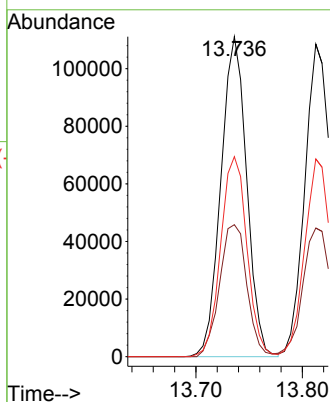
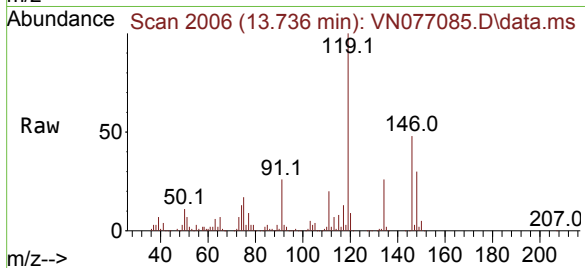
Tgt Ion:146 Resp: 186760

Ion Ratio Lower Upper

146 100

111 43.7 21.9 65.5

148 63.8 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 18.305 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

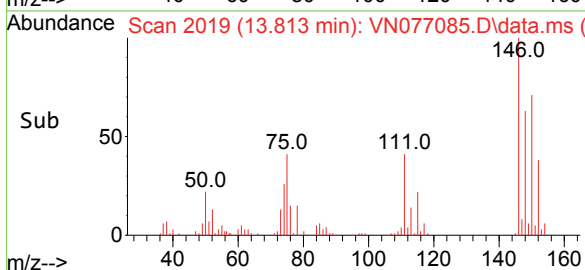
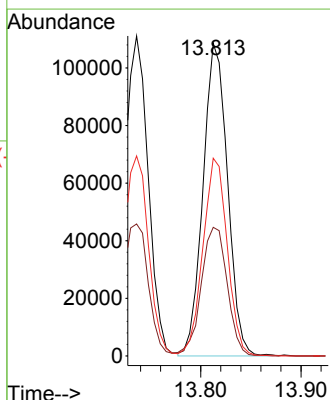
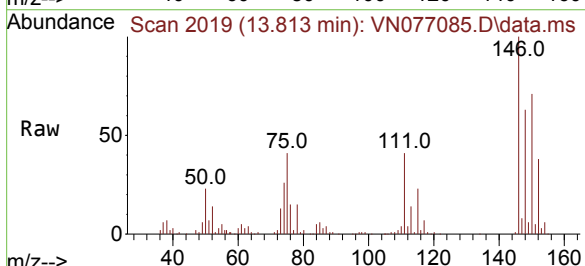
Tgt Ion:146 Resp: 185067

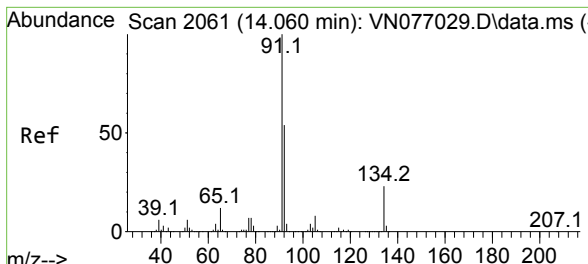
Ion Ratio Lower Upper

146 100

111 43.3 21.5 64.5

148 62.8 31.9 95.9

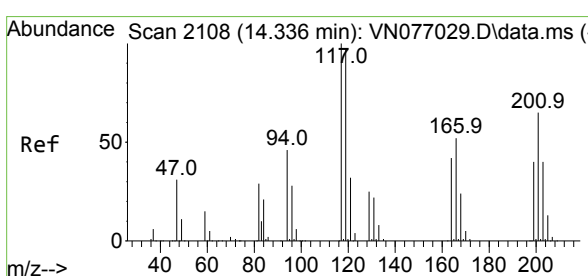
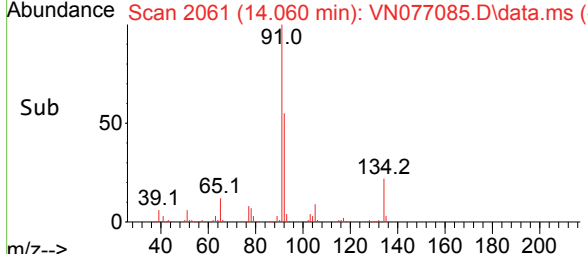
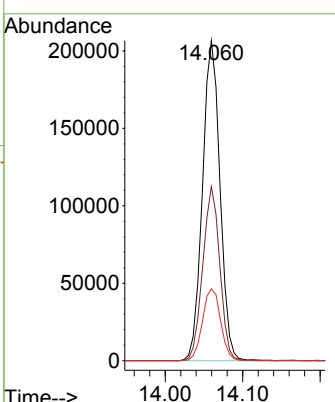
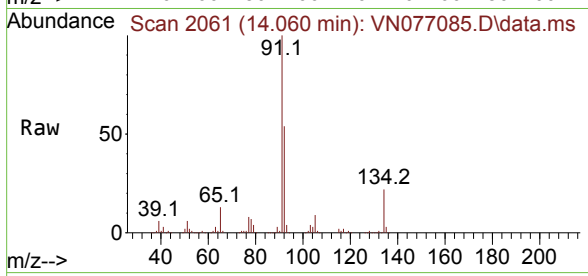




#89
 n-Butylbenzene
 Concen: 19.244 ug/l
 RT: 14.060 min Scan# 2061
 Delta R.T. -0.000 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

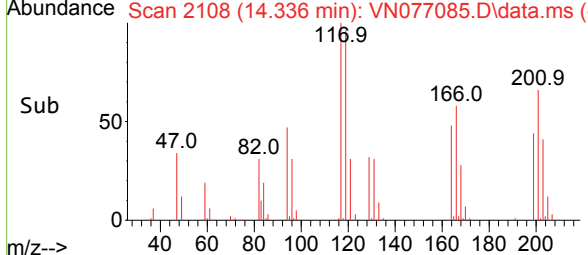
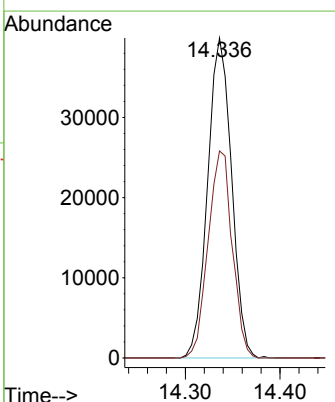
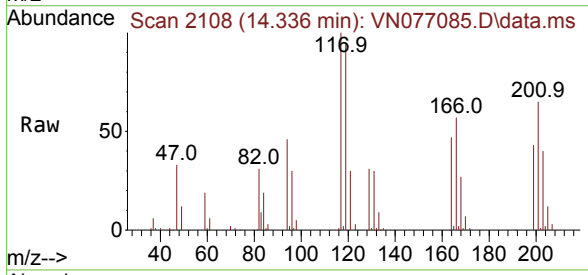
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

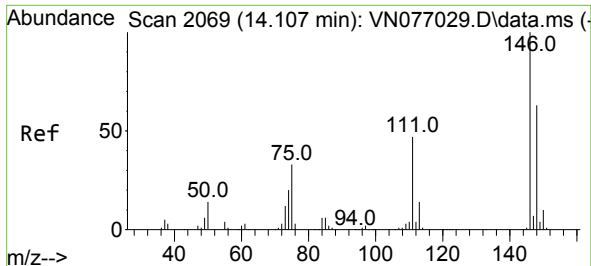
Tgt Ion:	91	Resp:	324479
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	23.3	11.7	35.1



#90
 Hexachloroethane
 Concen: 17.958 ug/l
 RT: 14.336 min Scan# 2108
 Delta R.T. 0.000 min
 Lab File: VN077085.D
 Acq: 21 Mar 2023 12:30

Tgt Ion:	117	Resp:	70175
Ion	Ratio	Lower	Upper
117	100		
201	65.1	32.5	97.4

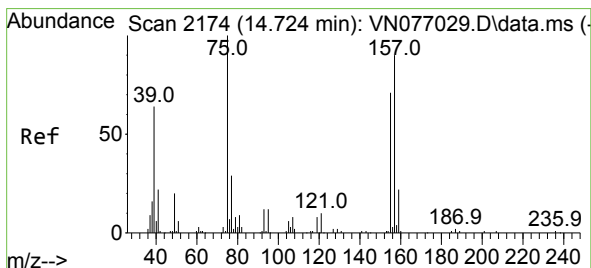
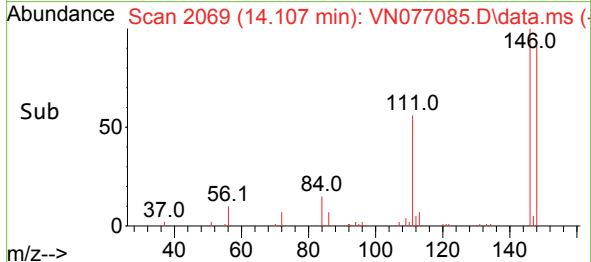
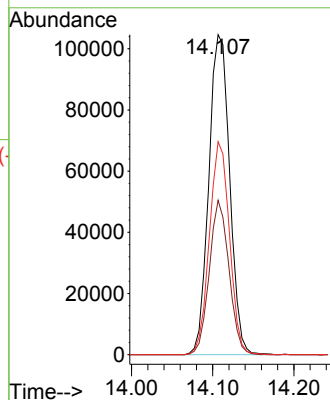
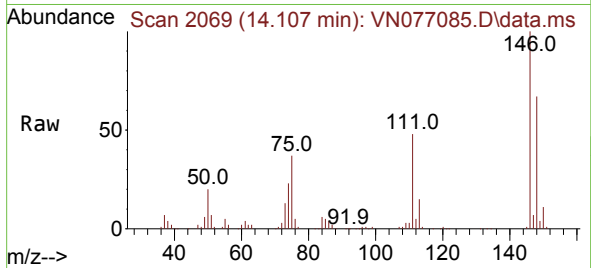




#91
1,2-Dichlorobenzene
Concen: 18.433 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

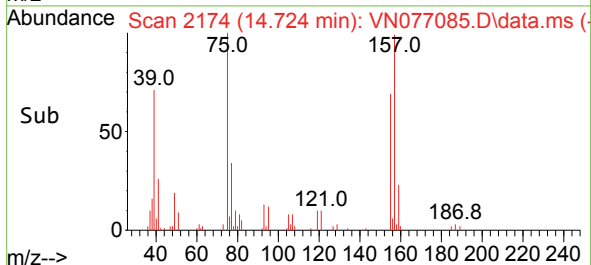
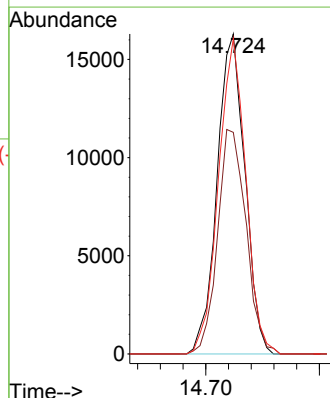
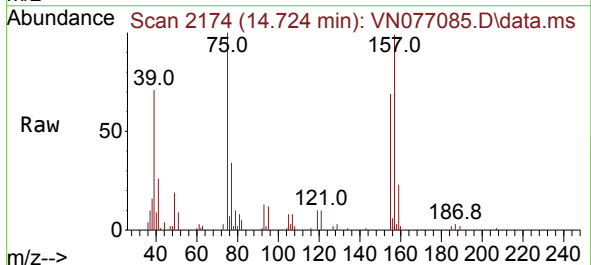
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

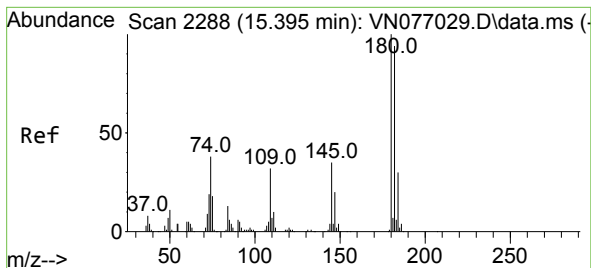
Tgt Ion:146 Resp: 186710
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.7
148 64.0 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.197 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion: 75 Resp: 27709
Ion Ratio Lower Upper
75 100
155 71.7 36.1 108.3
157 96.7 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 18.729 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS01

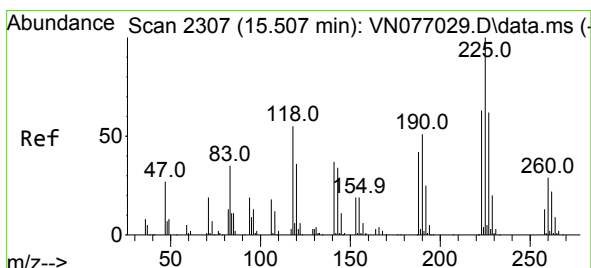
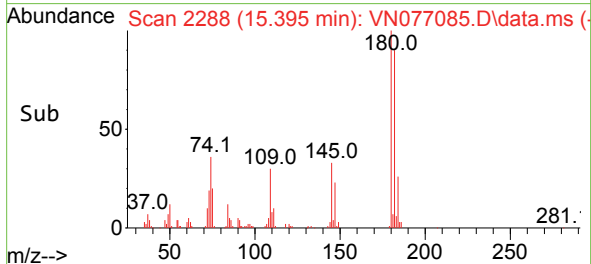
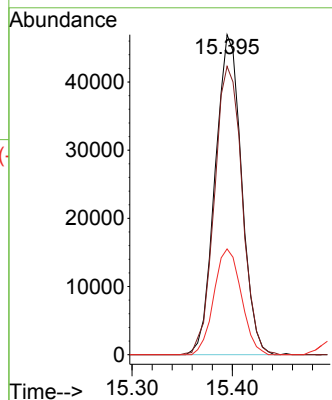
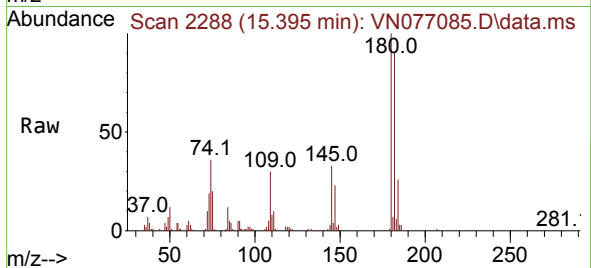
Tgt Ion:180 Resp: 85762

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 34.2 16.9 50.7



#94

Hexachlorobutadiene

Concen: 19.593 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077085.D

Acq: 21 Mar 2023 12:30

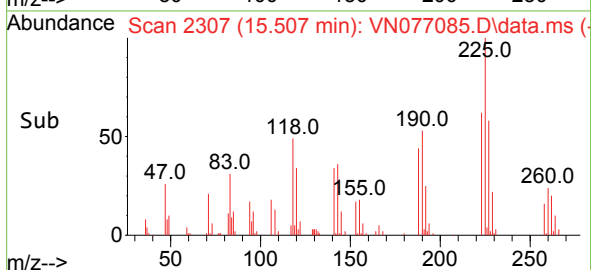
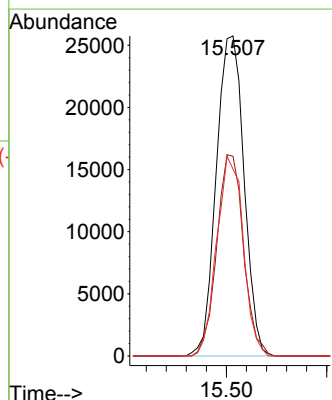
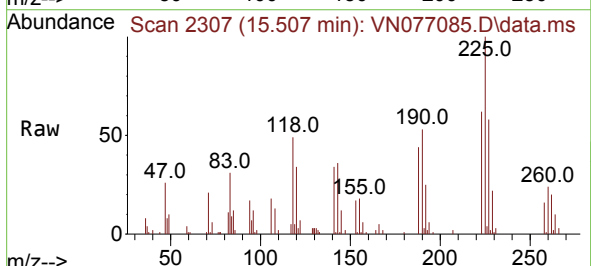
Tgt Ion:225 Resp: 49408

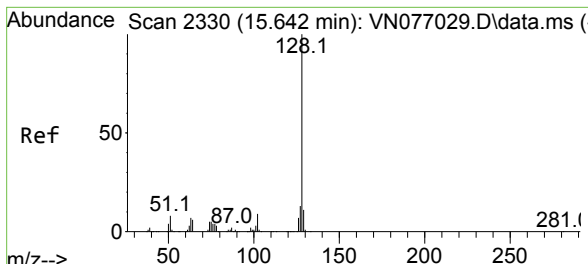
Ion Ratio Lower Upper

225 100

223 60.5 31.6 95.0

227 59.6 31.3 93.8

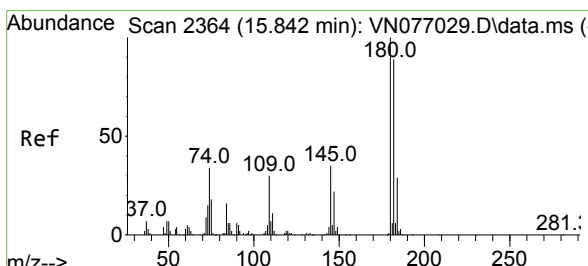
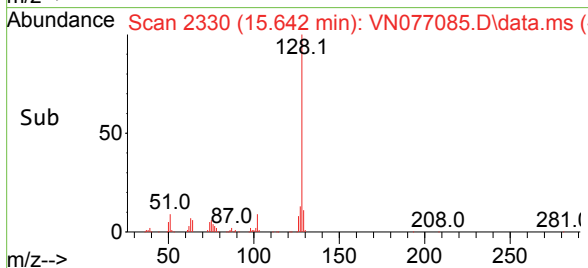
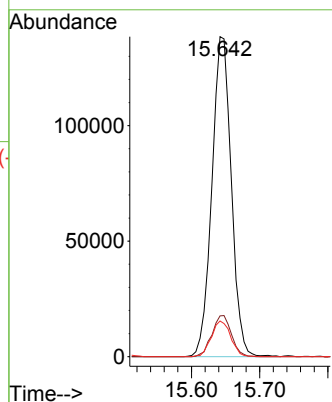
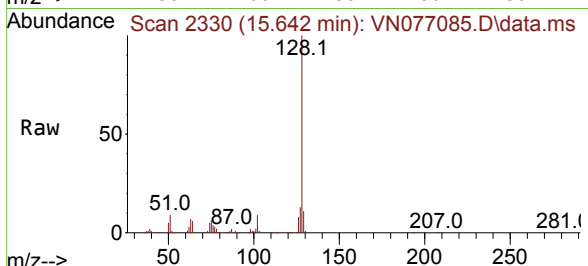




#95
Naphthalene
Concen: 16.735 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Tgt Ion:	128	Resp:	274253
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	11.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.638 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077085.D
Acq: 21 Mar 2023 12:30

Tgt Ion:	180	Resp:	85636
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.2
145	35.4	17.9	53.8

