

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076929.D
 Acq On : 10 Mar 2023 17:03
 Operator : JC\MD
 Sample : VN0310WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Quant Time: Mar 13 01:19:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	377717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	615767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	532064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	247020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	267624	47.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.960%
35) Dibromofluoromethane	8.172	113	193195	47.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	10.572	98	735614	48.636	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.854	95	270580	48.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	132167	19.426	ug/l	100
3) Chloromethane	2.378	50	57474	15.611	ug/l	95
4) Vinyl Chloride	2.531	62	59395	17.380	ug/l	99
5) Bromomethane	2.972	94	45799	18.220	ug/l	88
6) Chloroethane	3.137	64	35642	16.429	ug/l	100
7) Trichlorofluoromethane	3.513	101	161229	18.183	ug/l	98
8) Diethyl Ether	3.978	74	50111	17.565	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.390	101	79578	17.566	ug/l	97
10) Methyl Iodide	4.607	142	82970	17.498	ug/l	91
11) Tert butyl alcohol	5.531	59	71184	90.784	ug/l	99
12) 1,1-Dichloroethene	4.360	96	69908	16.744	ug/l	88
13) Acrolein	4.196	56	63172	89.632	ug/l	97
14) Allyl chloride	5.037	41	99169	16.557	ug/l	89
15) Acrylonitrile	5.737	53	192677	86.948	ug/l	98
16) Acetone	4.448	43	171753	87.935	ug/l	94
17) Carbon Disulfide	4.731	76	194677	16.833	ug/l #	94
18) Methyl Acetate	5.043	43	122418	16.995	ug/l	91
19) Methyl tert-butyl Ether	5.807	73	269509	18.154	ug/l	98
20) Methylene Chloride	5.295	84	82950	16.517	ug/l #	89
21) trans-1,2-Dichloroethene	5.801	96	77265	17.457	ug/l #	81
22) Diisopropyl ether	6.684	45	230523	17.397	ug/l	93
23) Vinyl Acetate	6.619	43	741274	90.841	ug/l #	92
24) 1,1-Dichloroethane	6.578	63	148898	17.591	ug/l	95
25) 2-Butanone	7.495	43	244760	88.110	ug/l #	86
26) 2,2-Dichloropropane	7.501	77	135172	18.046	ug/l	96
27) cis-1,2-Dichloroethene	7.501	96	91889	17.991	ug/l	89
28) Bromochloromethane	7.813	49	49161	16.056	ug/l	88
29) Tetrahydrofuran	7.842	42	156042	90.627	ug/l	89
30) Chloroform	7.972	83	162274	17.843	ug/l	96
31) Cyclohexane	8.266	56	141323	17.475	ug/l	91
32) 1,1,1-Trichloroethane	8.178	97	156376	18.340	ug/l	99
36) 1,1-Dichloropropene	8.383	75	117116	18.452	ug/l	95
37) Ethyl Acetate	7.566	43	103072	20.307	ug/l	96
38) Carbon Tetrachloride	8.366	117	140865	18.963	ug/l	97
39) Methylcyclohexane	9.607	83	141052	18.307	ug/l #	89
40) Benzene	8.613	78	342013	18.281	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	60149	19.914	ug/l #	84
42) 1,2-Dichloroethane	8.678	62	135822	18.612	ug/l	94
43) Isopropyl Acetate	8.695	43	162583	18.145	ug/l	94
44) Trichloroethene	9.360	130	88024	18.205	ug/l	98
45) 1,2-Dichloropropane	9.625	63	84784	18.419	ug/l	91
46) Dibromomethane	9.713	93	58991	18.350	ug/l	95
47) Bromodichloromethane	9.889	83	128267	18.807	ug/l	98
48) Methyl methacrylate	9.683	41	81777	18.627	ug/l #	83
49) 1,4-Dioxane	9.695	88	31622	380.392	ug/l #	84
51) 4-Methyl-2-Pentanone	10.448	43	509452	94.648	ug/l	94
52) Toluene	10.630	92	216296	18.785	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	128320	18.872	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	135315	18.121	ug/l	89
55) 1,1,2-Trichloroethane	11.019	97	83842	18.714	ug/l	96
56) Ethyl methacrylate	10.877	69	126532	18.621	ug/l #	86
57) 1,3-Dichloropropane	11.166	76	146571	18.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	209530	96.832	ug/l	98
59) 2-Hexanone	11.201	43	374266	95.364	ug/l	93
60) Dibromochloromethane	11.360	129	91834	18.605	ug/l	100
61) 1,2-Dibromoethane	11.472	107	81912	18.242	ug/l	100
64) Tetrachloroethene	11.107	164	85139	19.771	ug/l	97
65) Chlorobenzene	11.895	112	220095	18.493	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	88514	19.052	ug/l	96
67) Ethyl Benzene	11.966	91	413073	18.875	ug/l	98
68) m/p-Xylenes	12.071	106	308916	37.557	ug/l	85
69) o-Xylene	12.401	106	153201	19.185	ug/l	84
70) Styrene	12.413	104	247997	19.224	ug/l #	92
71) Bromoform	12.577	173	65386	19.420	ug/l #	99
73) Isopropylbenzene	12.701	105	412033	18.719	ug/l	96
74) N-amyl acetate	12.495	43	132618	18.197	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	115860	17.889	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	153358	25.607	ug/l	62
77) Bromobenzene	12.977	156	90001	18.290	ug/l	89
78) n-propylbenzene	13.036	91	463699	18.918	ug/l	97
79) 2-Chlorotoluene	13.124	91	296946	18.682	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	361904	19.302	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.742	75	38295	20.887	ug/l #	80
82) 4-Chlorotoluene	13.224	91	281507	18.743	ug/l	92
83) tert-Butylbenzene	13.442	119	300876	18.889	ug/l	89
84) 1,2,4-Trimethylbenzene	13.483	105	361202	19.255	ug/l	91
85) sec-Butylbenzene	13.618	105	414238	18.972	ug/l	96
86) p-Isopropyltoluene	13.730	119	346052	19.626	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	164217	18.311	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	163268	18.148	ug/l	96
89) n-Butylbenzene	14.060	91	271607	18.460	ug/l	98
90) Hexachloroethane	14.336	117	61214	18.068	ug/l	82
91) 1,2-Dichlorobenzene	14.107	146	162851	18.076	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.724	75	25941	18.141	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	88006	17.574	ug/l	96
94) Hexachlorobutadiene	15.501	225	51680	19.370	ug/l	99
95) Naphthalene	15.642	128	275938	18.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	87484	17.990	ug/l	97

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QLast Update : Fri Mar 10 13:47:39 2023
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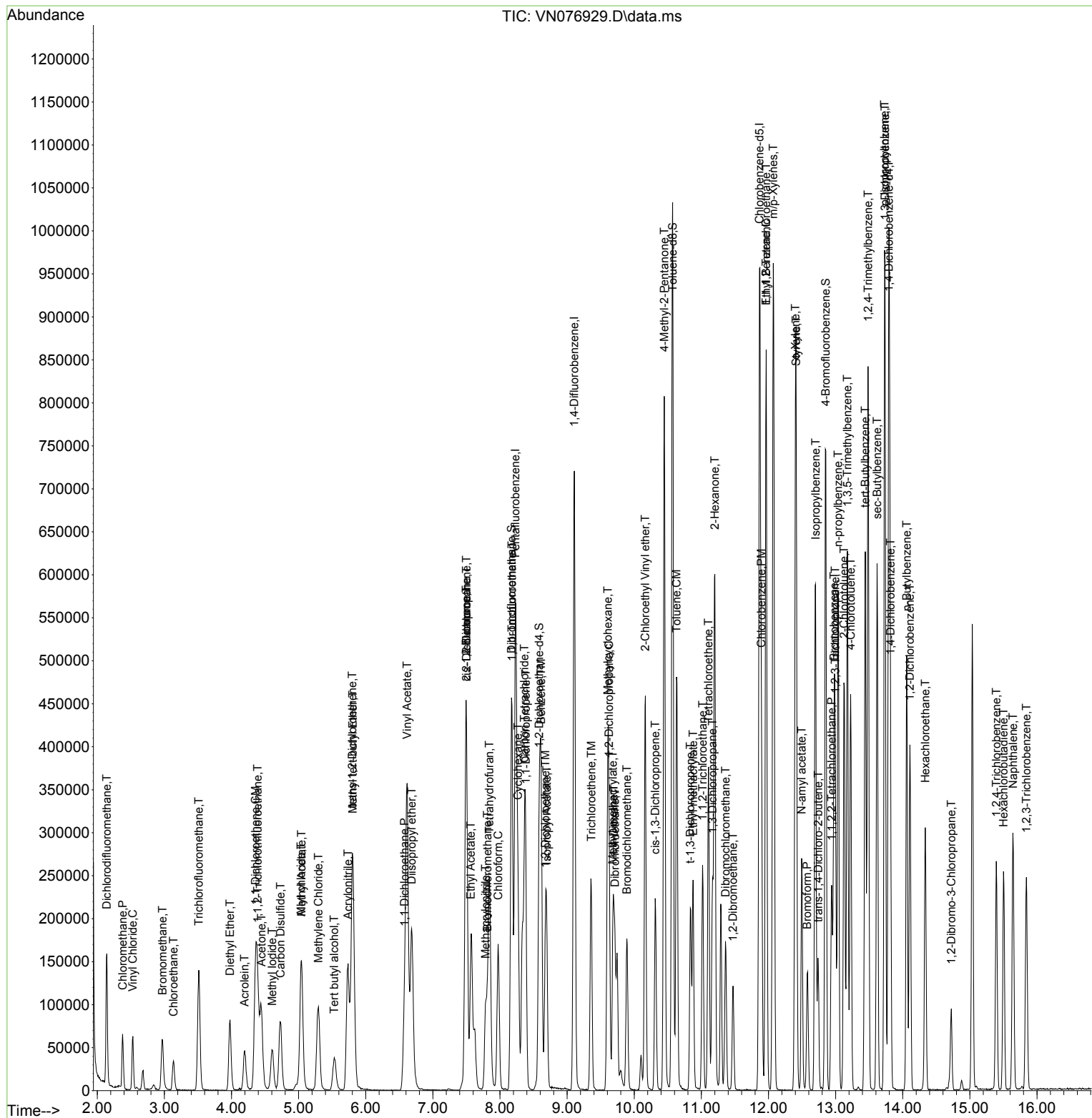
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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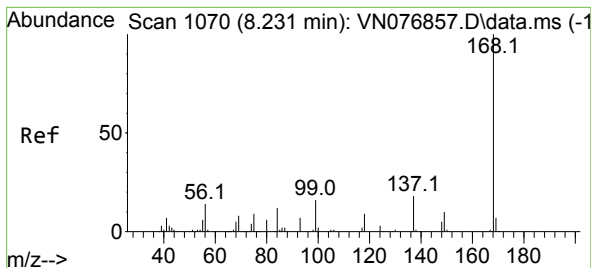
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076929.D

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Instrument :

MSVOA_N

ClientSampleId :

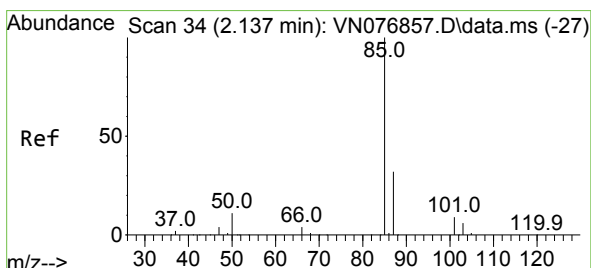
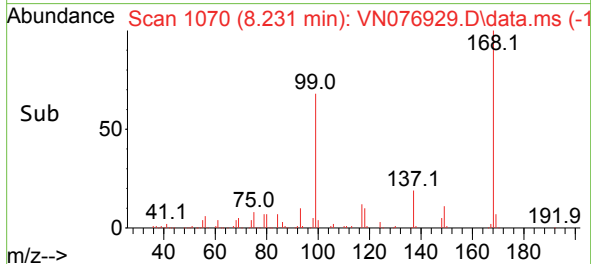
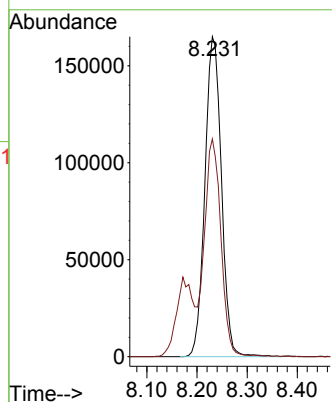
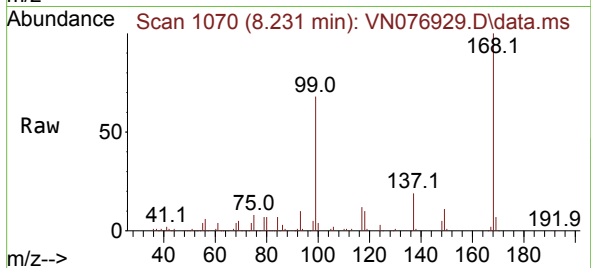
VN0310WBS01

Tgt Ion:168 Resp: 377717

Ion Ratio Lower Upper

168 100

99 68.1 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 19.426 ug/l

RT: 2.143 min Scan# 35

Delta R.T. 0.006 min

Lab File: VN076929.D

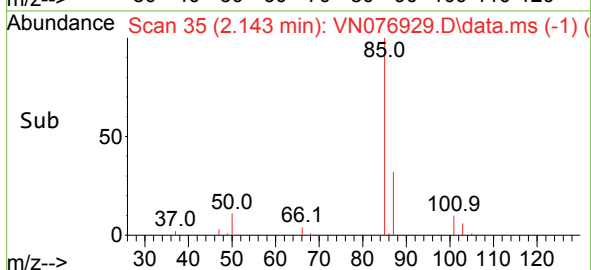
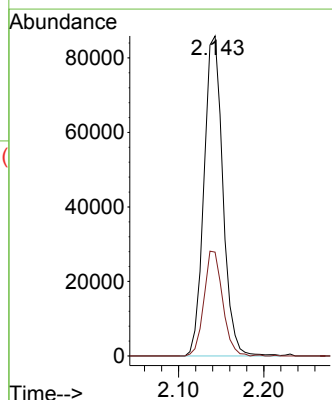
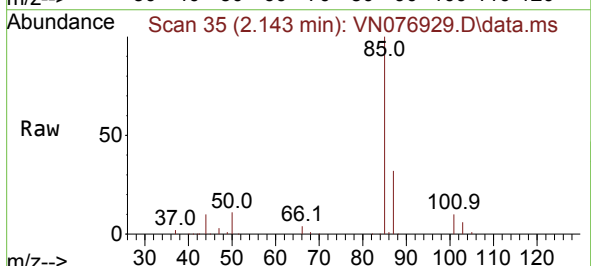
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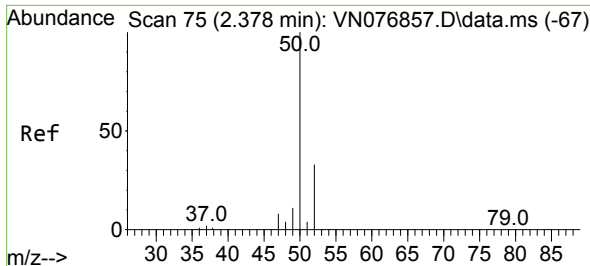
Tgt Ion: 85 Resp: 132167

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.6

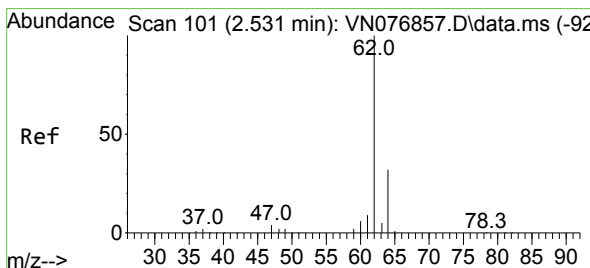
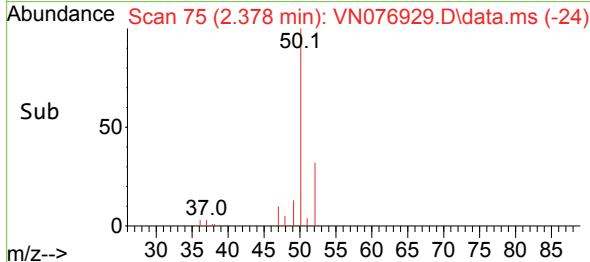
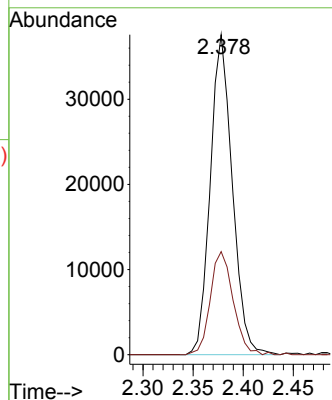
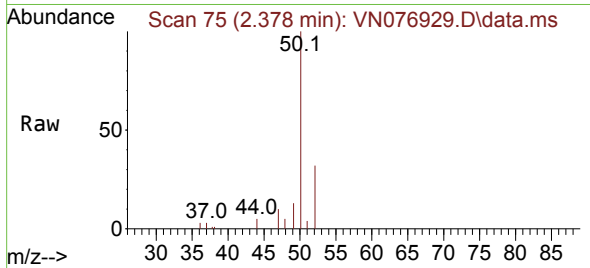




#3
Chloromethane
Concen: 15.611 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076929.D
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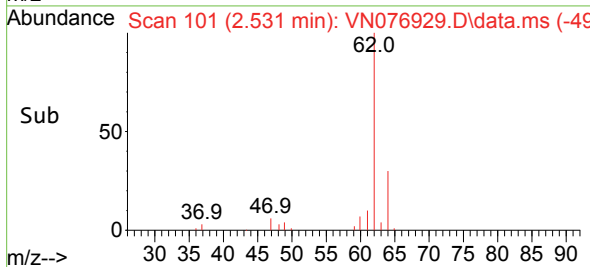
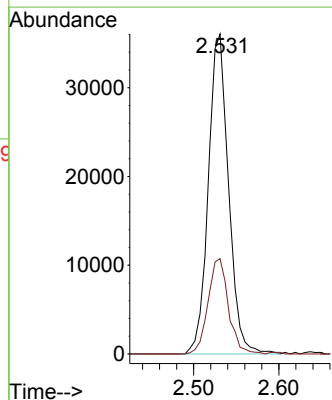
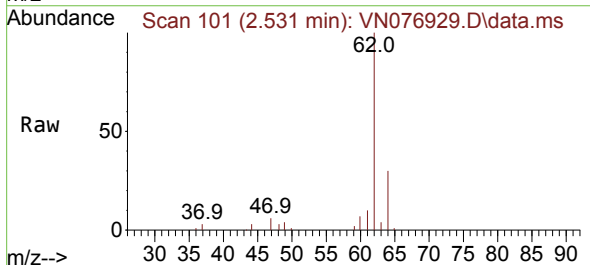
Instrument :
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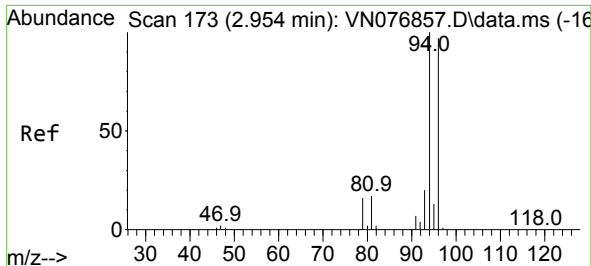
Tgt Ion: 50 Resp: 57474
Ion Ratio Lower Upper
50 100
52 32.2 27.9 41.9



#4
Vinyl Chloride
Concen: 17.380 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 62 Resp: 59395
Ion Ratio Lower Upper
62 100
64 29.8 24.5 36.7

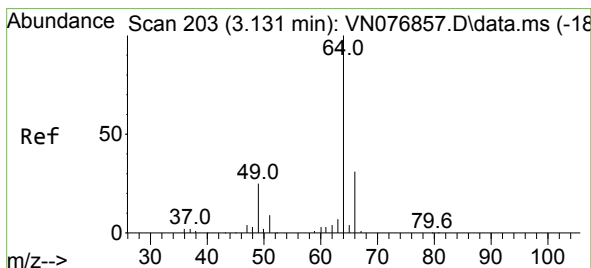
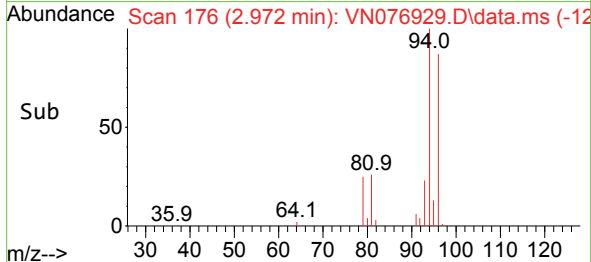
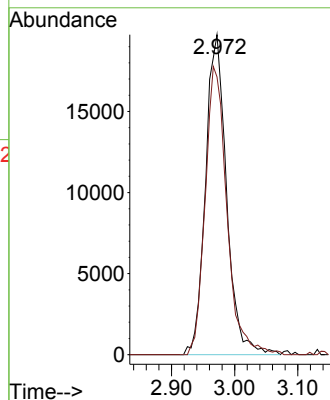
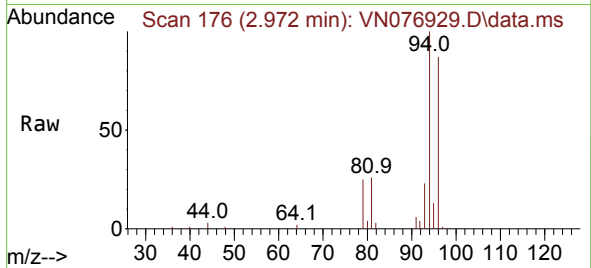




#5
Bromomethane
Concen: 18.220 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

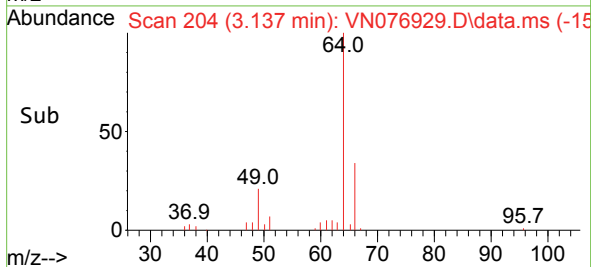
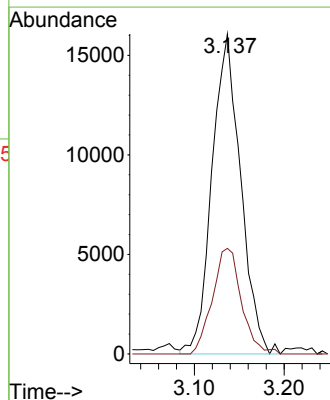
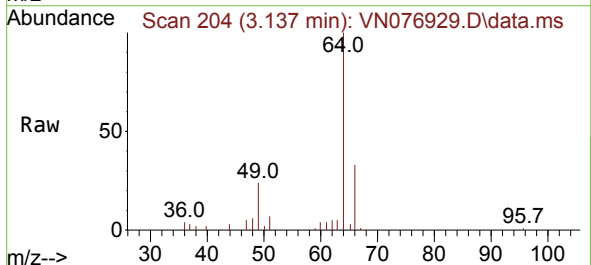
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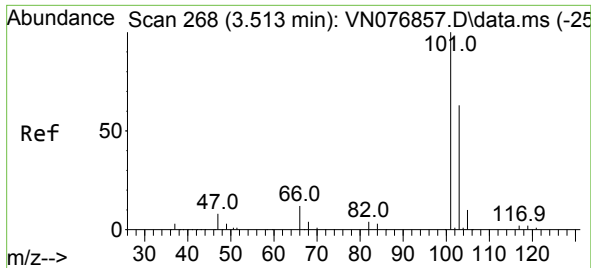
Tgt Ion: 94 Resp: 45799
Ion Ratio Lower Upper
94 100
96 86.8 79.0 118.6



#6
Chloroethane
Concen: 16.429 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076929.D
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Tgt Ion: 64 Resp: 35642
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4

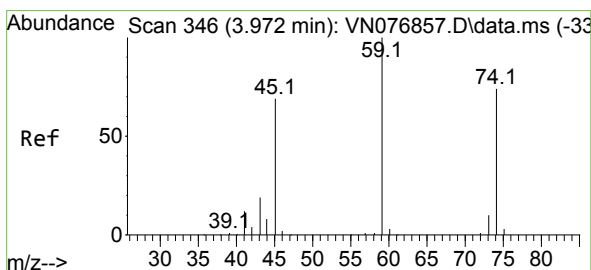
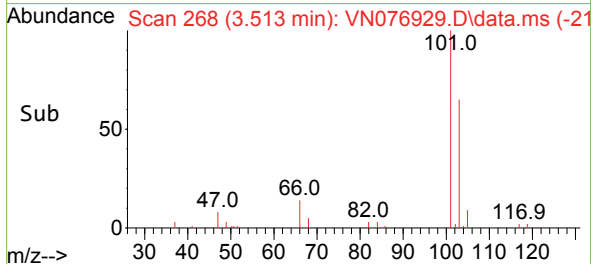
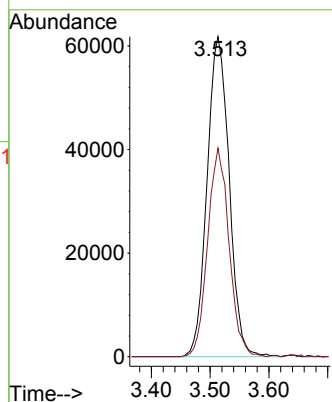
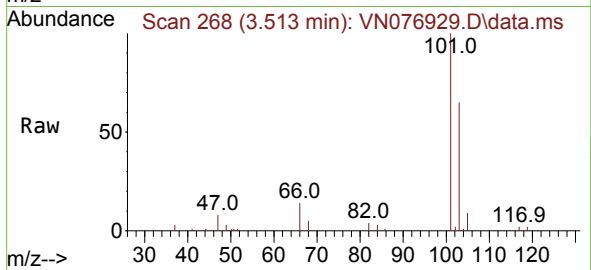




#7
 Trichlorofluoromethane
 Concen: 18.183 ug/l
 RT: 3.513 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

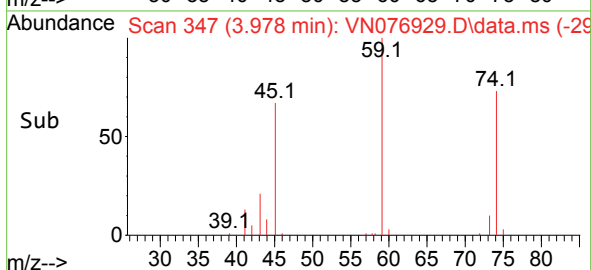
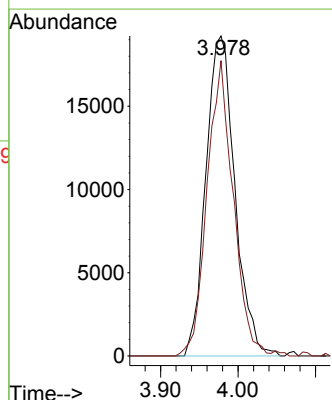
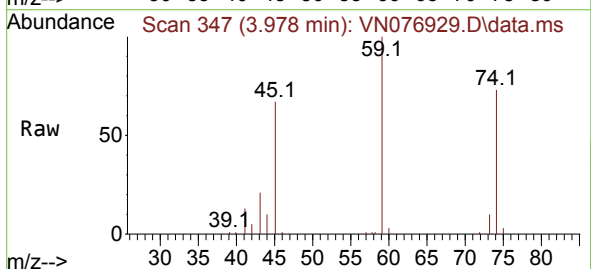
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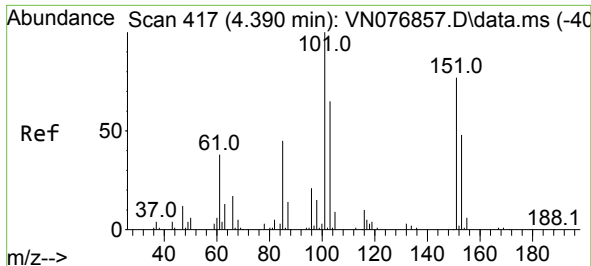
Tgt Ion:101 Resp: 161229
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.4 80.0



#8
 Diethyl Ether
 Concen: 17.565 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 50111
 Ion Ratio Lower Upper
 74 100
 45 83.1 35.5 106.5

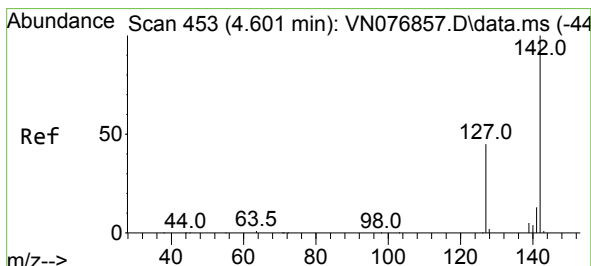
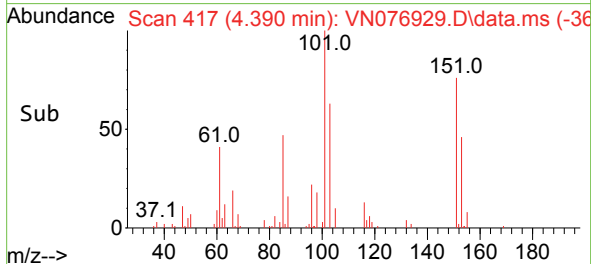
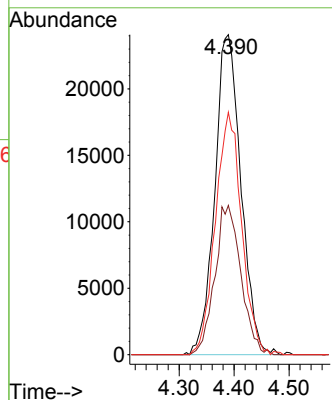
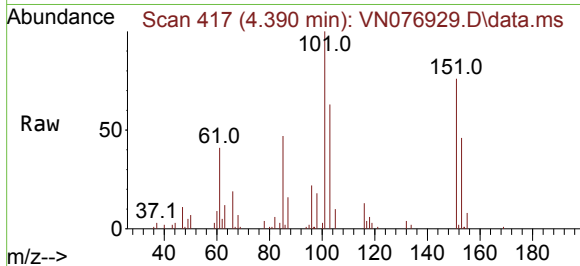




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.566 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

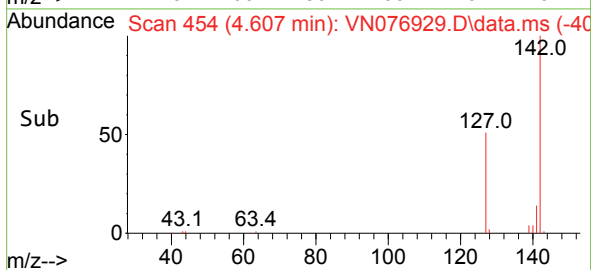
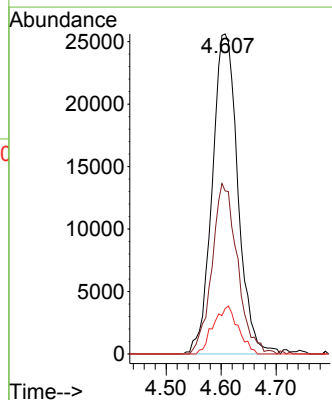
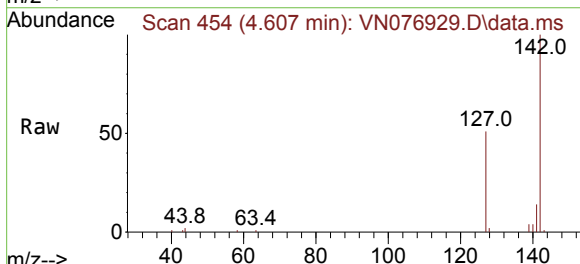
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

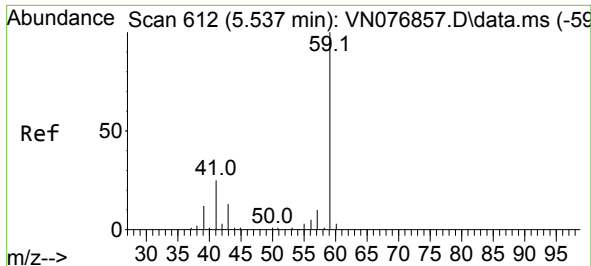
Tgt Ion:	101	Resp:	79578
Ion	Ratio	Lower	Upper
101	100		
85	46.6	35.2	52.8
151	75.7	58.9	88.3



#10
Methyl Iodide
Concen: 17.498 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion:	142	Resp:	82970
Ion	Ratio	Lower	Upper
142	100		
127	51.0	35.2	52.8
141	14.2	10.2	15.2

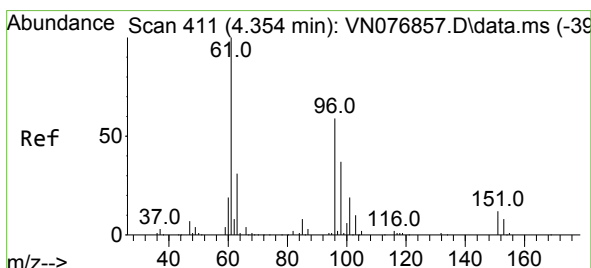
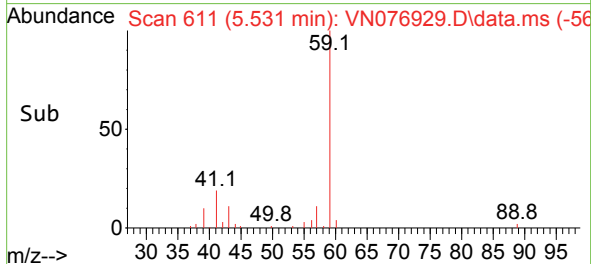
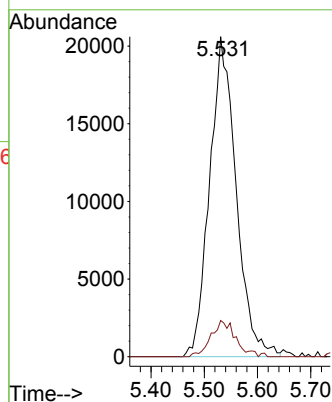
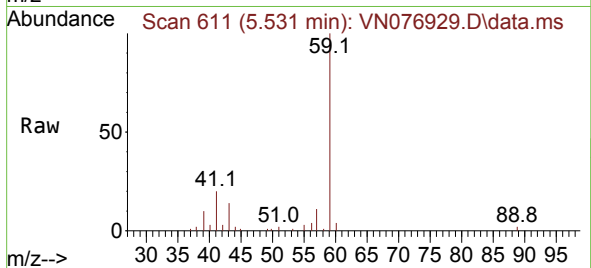




#11
Tert butyl alcohol
Concen: 90.784 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

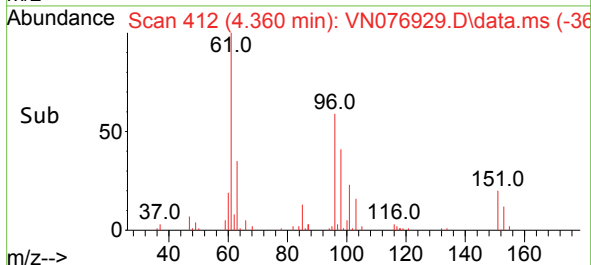
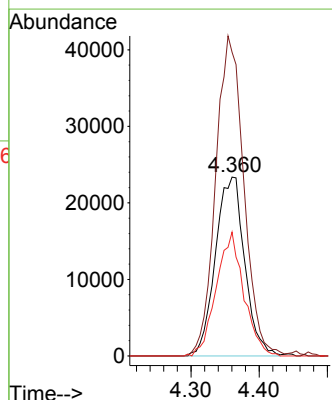
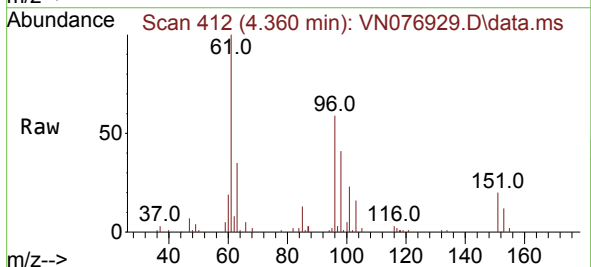
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

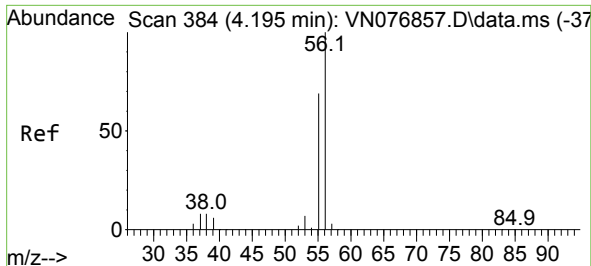
Tgt Ion: 59 Resp: 71184
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 16.744 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 96 Resp: 69908
Ion Ratio Lower Upper
96 100
61 169.8 121.3 181.9
98 69.2 52.1 78.1





#13

Acrolein

Concen: 89.632 ug/l

RT: 4.196 min Scan# 384

Delta R.T. 0.006 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

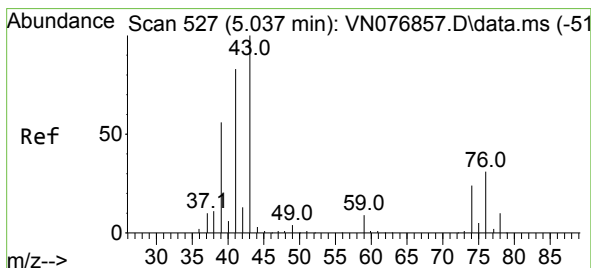
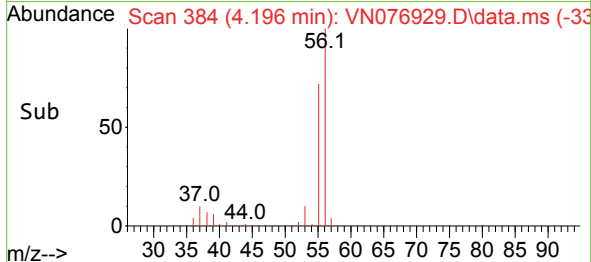
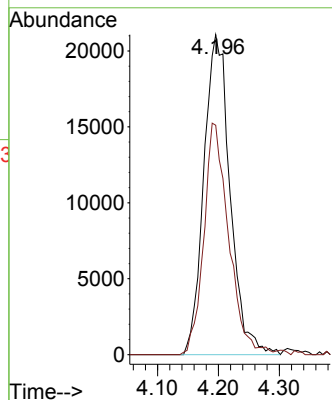
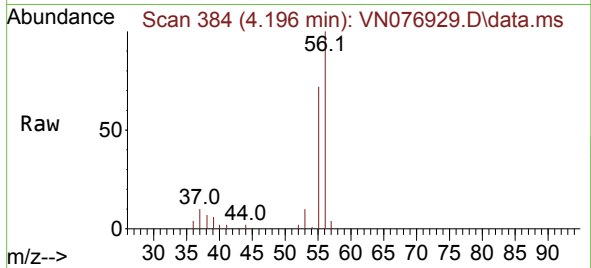
VN0310WBS01

Tgt Ion: 56 Resp: 63172

Ion Ratio Lower Upper

56 100

55 68.4 56.7 85.1



#14

Allyl chloride

Concen: 16.557 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

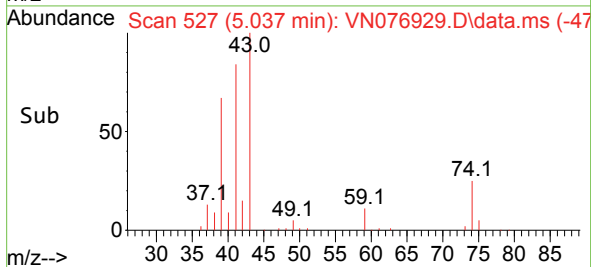
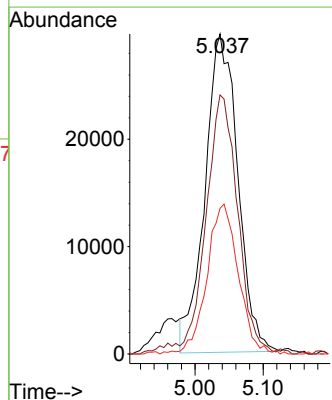
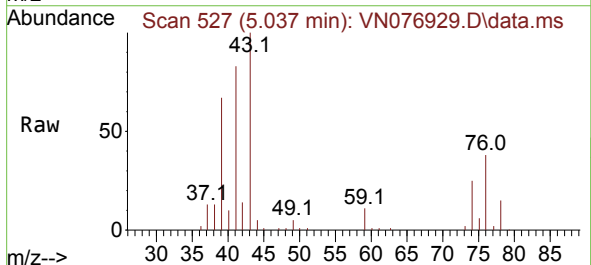
Tgt Ion: 41 Resp: 99169

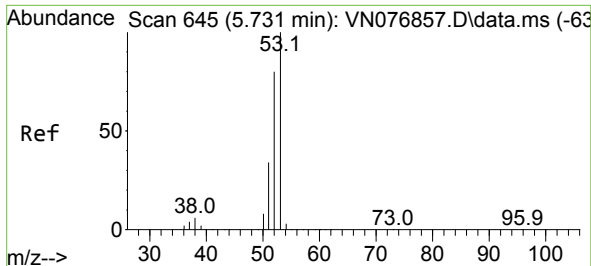
Ion Ratio Lower Upper

41 100

39 76.6 68.1 102.1

76 45.3 44.1 66.1

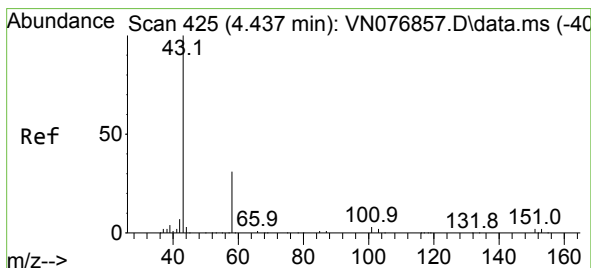
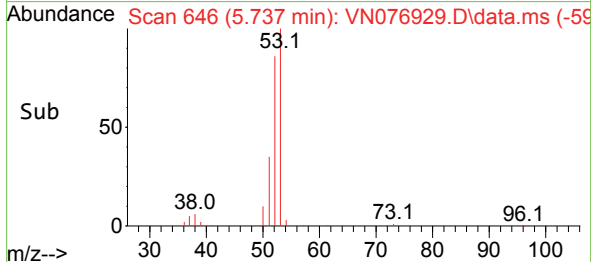
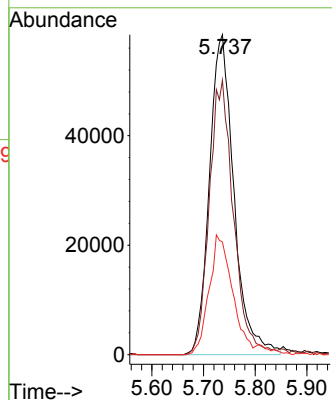
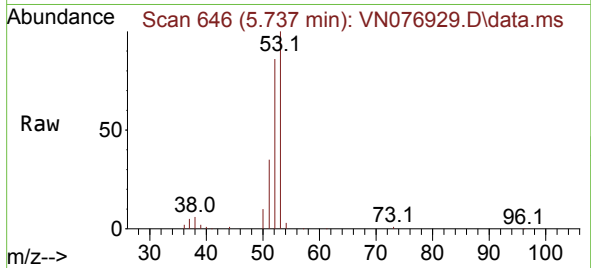




#15
Acrylonitrile
Concen: 86.948 ug/l
RT: 5.737 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

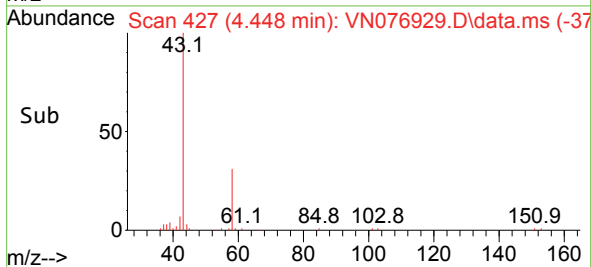
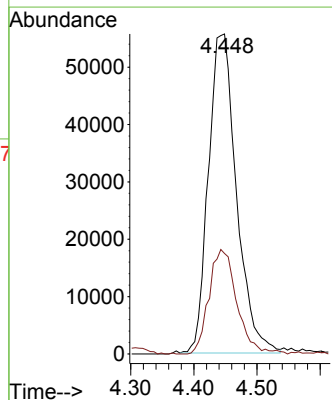
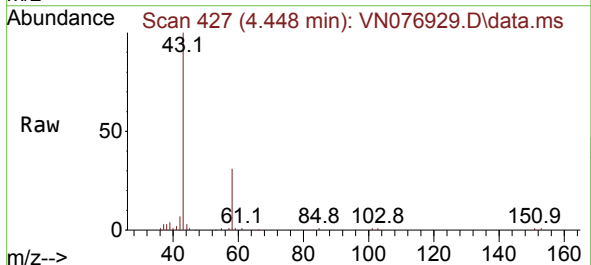
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

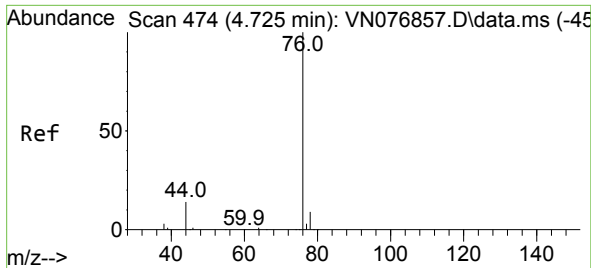
Tgt Ion:	53	Resp:	192677
Ion	Ratio	Lower	Upper
53	100		
52	84.4	65.3	97.9
51	35.9	28.8	43.2



#16
Acetone
Concen: 87.935 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion:	43	Resp:	171753
Ion	Ratio	Lower	Upper
43	100		
58	31.5	28.2	42.2

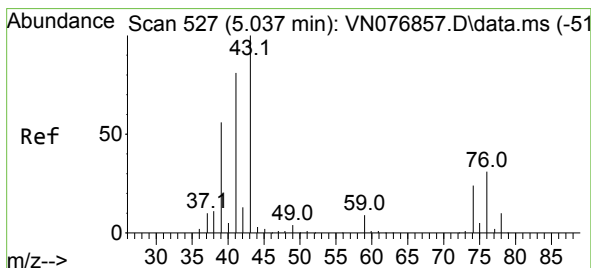
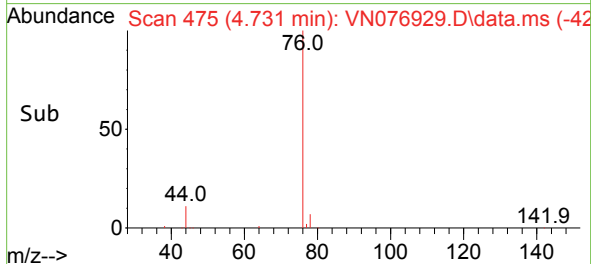
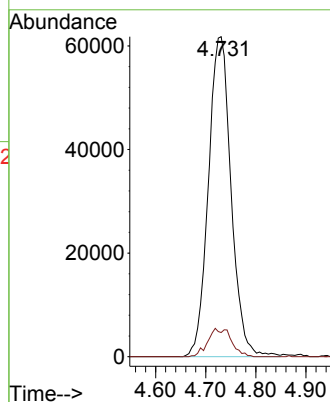
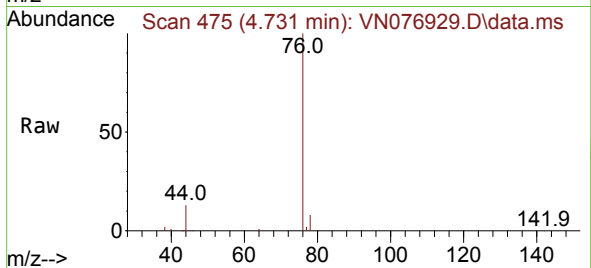




#17
Carbon Disulfide
Concen: 16.833 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

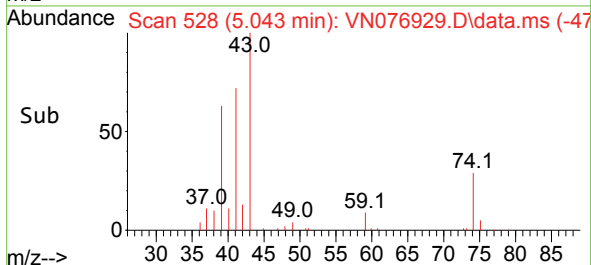
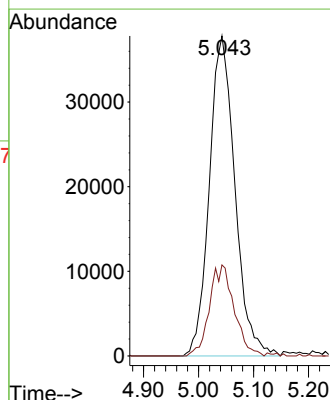
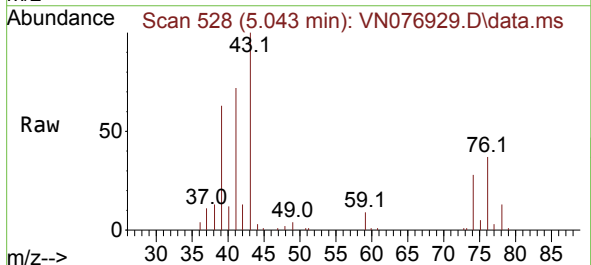
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

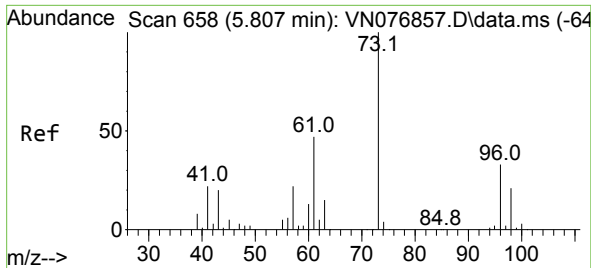
Tgt Ion: 76 Resp: 194677
Ion Ratio Lower Upper
76 100
78 7.6 7.8 11.8#



#18
Methyl Acetate
Concen: 16.995 ug/l
RT: 5.043 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 43 Resp: 122418
Ion Ratio Lower Upper
43 100
74 27.3 25.9 38.9

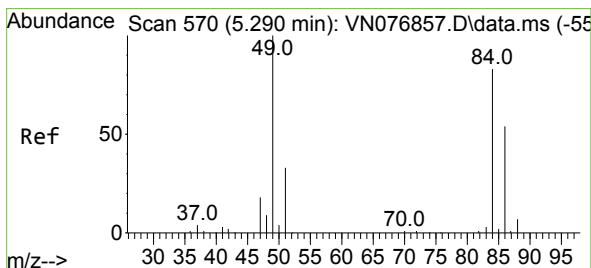
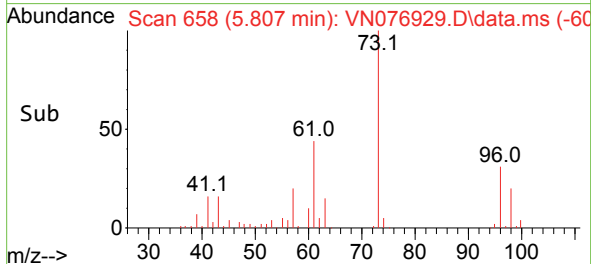
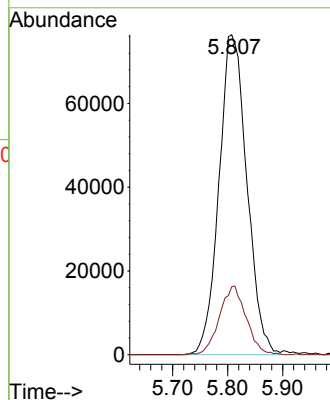
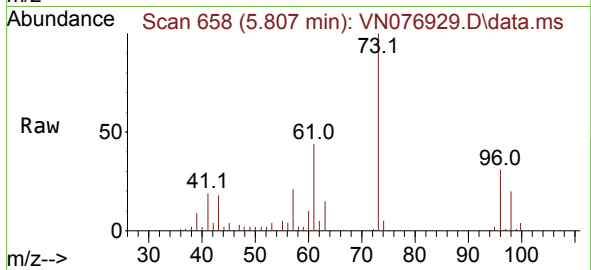




#19
Methyl tert-butyl Ether
Concen: 18.154 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

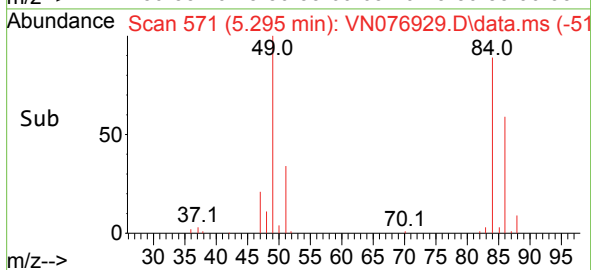
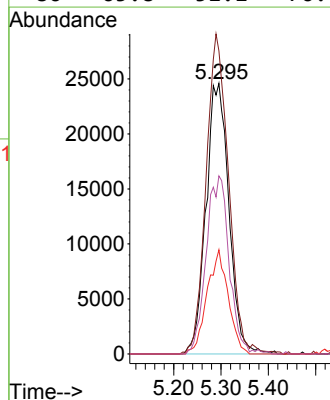
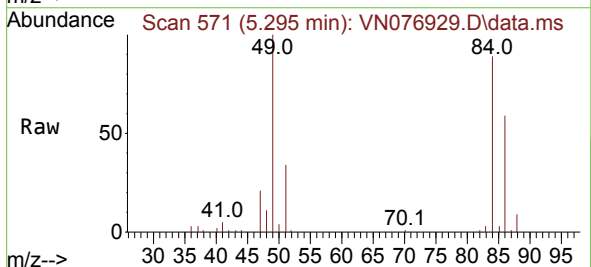
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

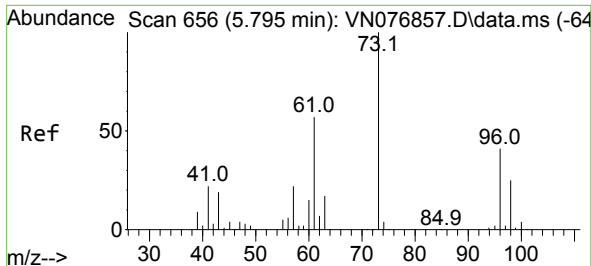
Tgt Ion: 73 Resp: 269509
Ion Ratio Lower Upper
73 100
57 21.2 16.1 24.1



#20
Methylene Chloride
Concen: 16.517 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 84 Resp: 82950
Ion Ratio Lower Upper
84 100
49 112.0 76.6 114.8
51 38.5 25.4 38.2#
86 65.8 51.1 76.7

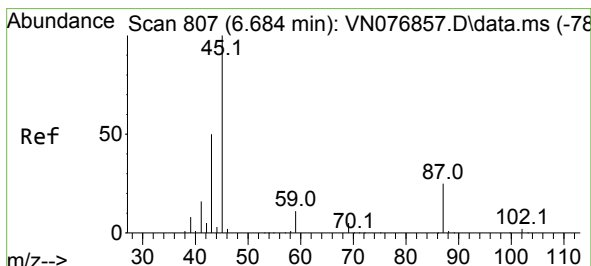
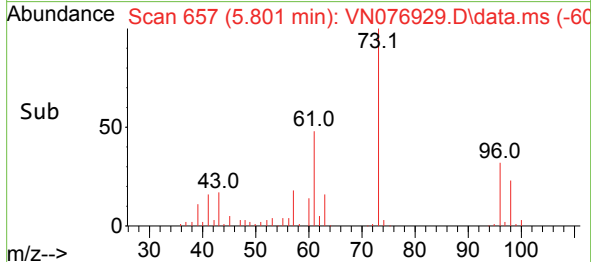
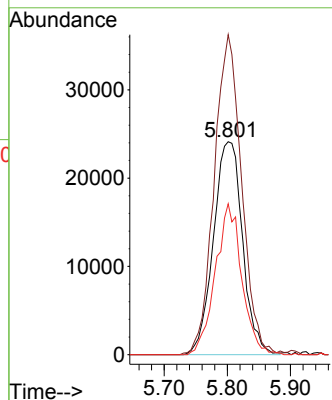
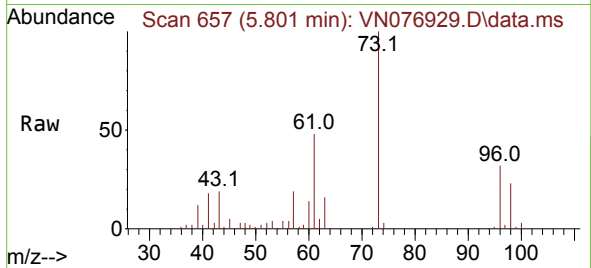




#21
trans-1,2-Dichloroethene
Concen: 17.457 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

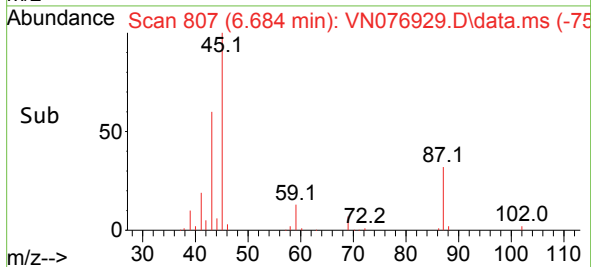
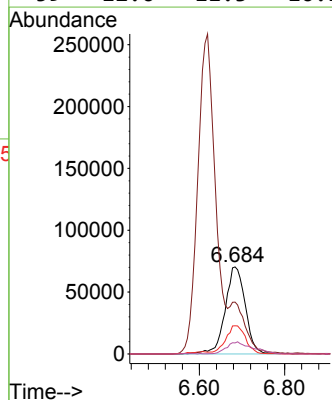
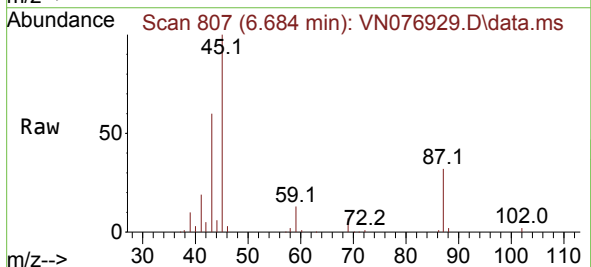
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

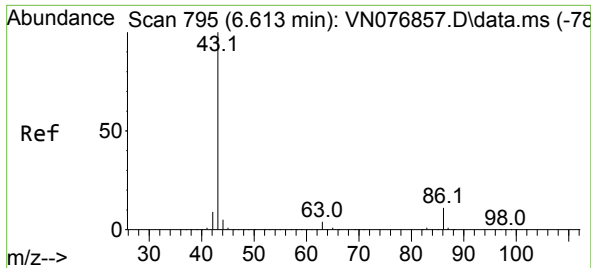
Tgt Ion: 96 Resp: 77265
Ion Ratio Lower Upper
96 100
61 150.3 95.0 142.6#
98 70.8 54.5 81.7



#22
Diisopropyl ether
Concen: 17.397 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 45 Resp: 230523
Ion Ratio Lower Upper
45 100
43 58.3 42.6 63.8
87 32.2 29.7 44.5
59 12.6 11.3 16.9

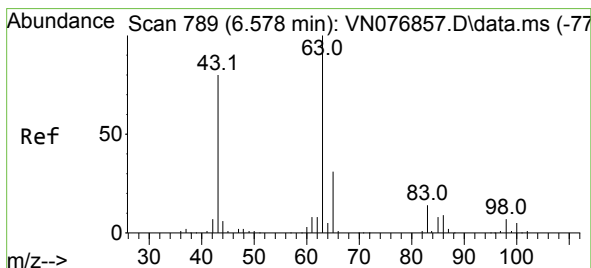
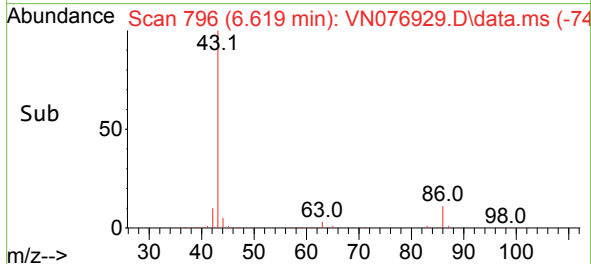
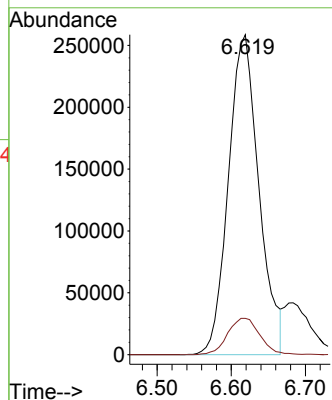
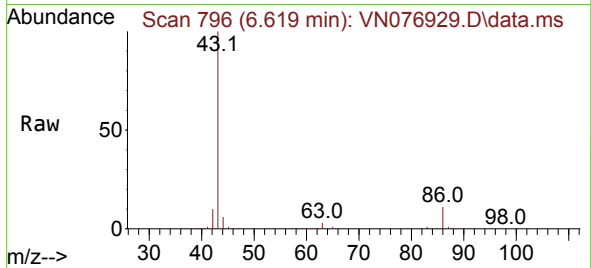




#23
 Vinyl Acetate
 Concen: 90.841 ug/l
 RT: 6.619 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

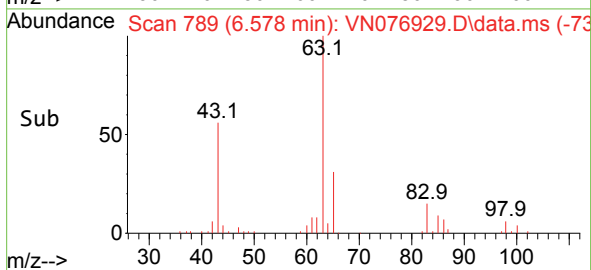
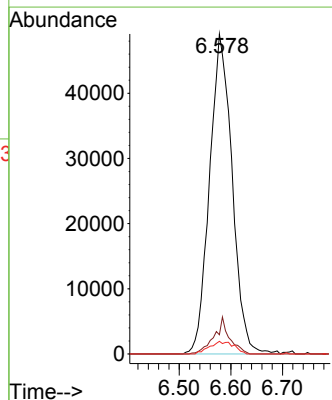
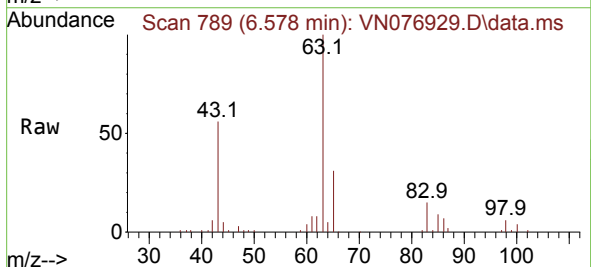
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

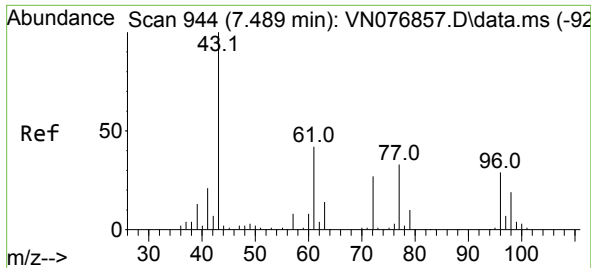
Tgt Ion: 43 Resp: 741274
 Ion Ratio Lower Upper
 43 100
 86 11.3 11.8 17.6#



#24
 1,1-Dichloroethane
 Concen: 17.591 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

Tgt Ion: 63 Resp: 148898
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.2 12.6
 100 3.9 2.2 6.6

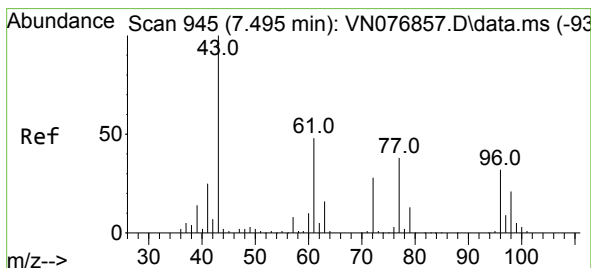
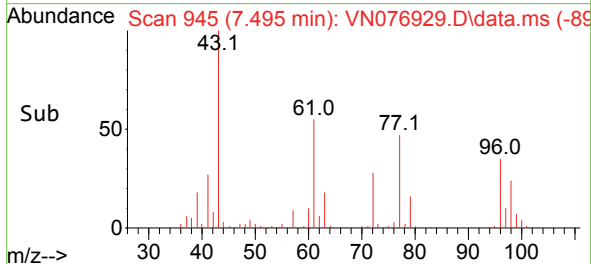
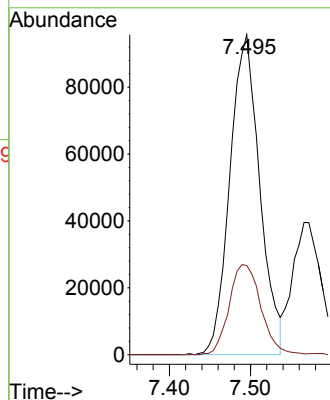
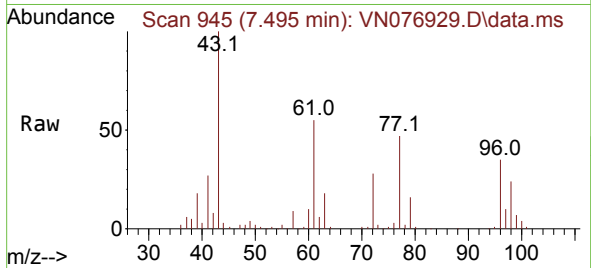




#25
2-Butanone
Concen: 88.110 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

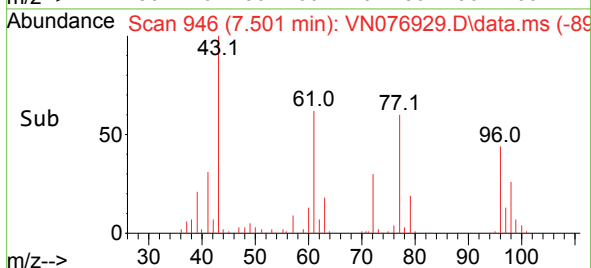
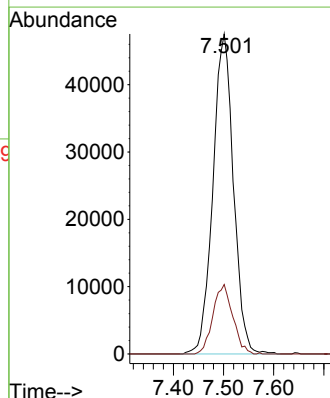
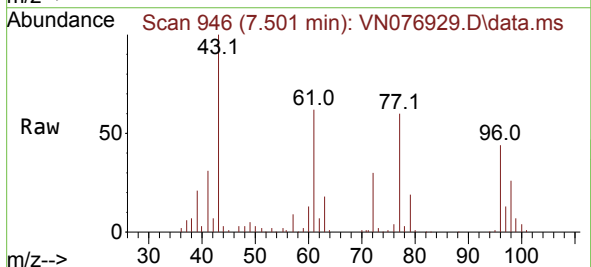
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

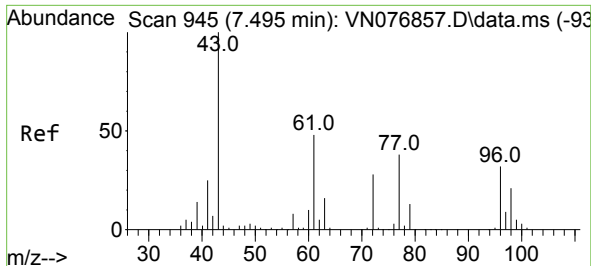
Tgt Ion: 43 Resp: 244760
Ion Ratio Lower Upper
43 100
72 27.9 28.8 43.2#



#26
2,2-Dichloropropane
Concen: 18.046 ug/l
RT: 7.501 min Scan# 946
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 77 Resp: 135172
Ion Ratio Lower Upper
77 100
97 20.9 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 17.991 ug/l

RT: 7.501 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

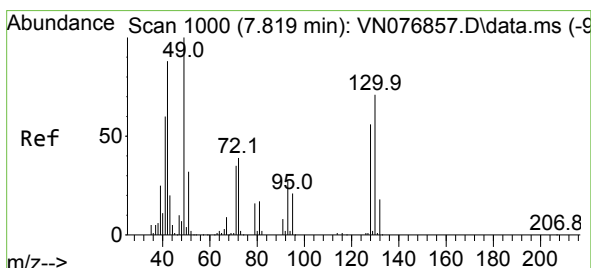
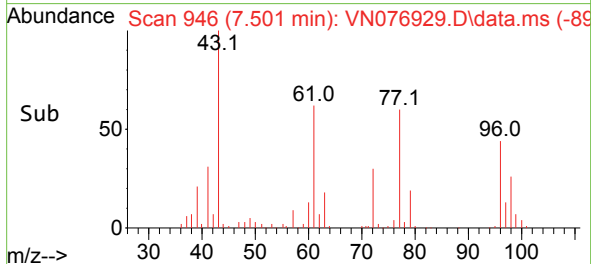
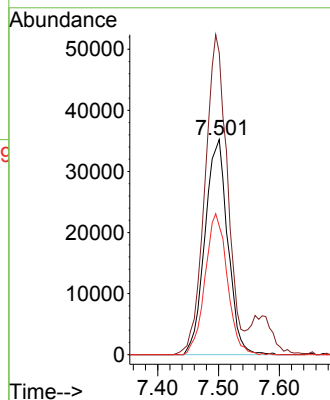
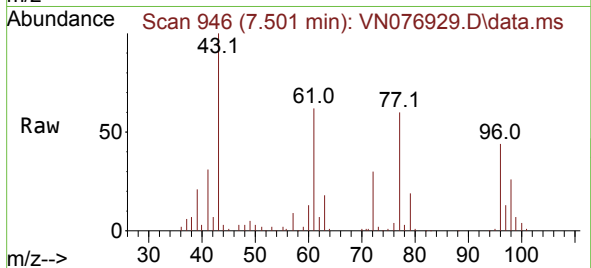
Tgt Ion: 96 Resp: 91889

Ion Ratio Lower Upper

96 100

61 146.0 0.0 255.6

98 63.9 0.0 127.4



#28

Bromochloromethane

Concen: 16.056 ug/l

RT: 7.813 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

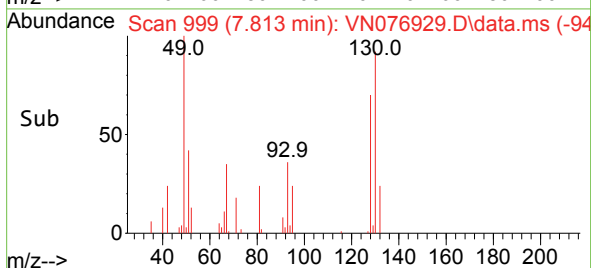
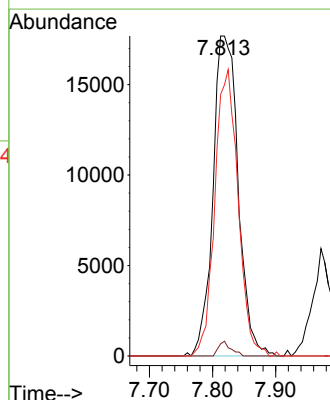
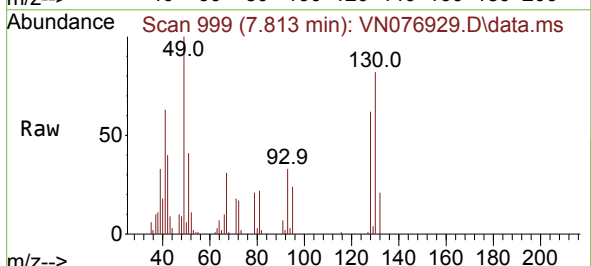
Tgt Ion: 49 Resp: 49161

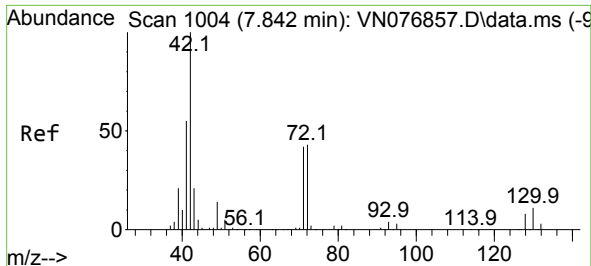
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 82.1 74.8 112.2

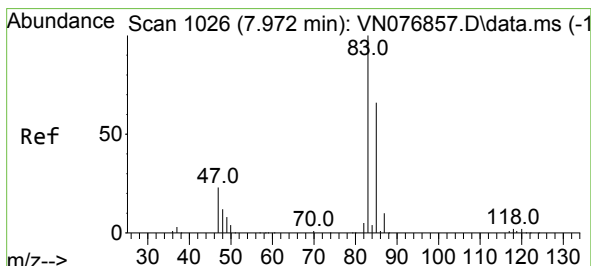
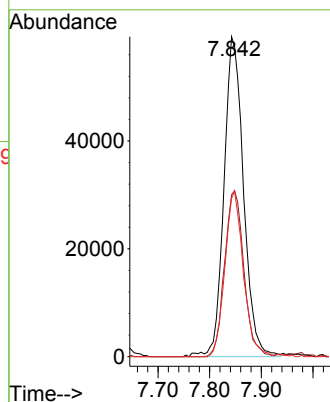
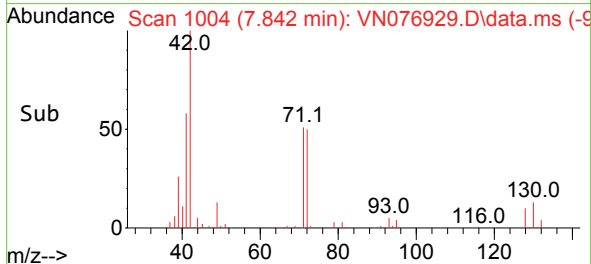
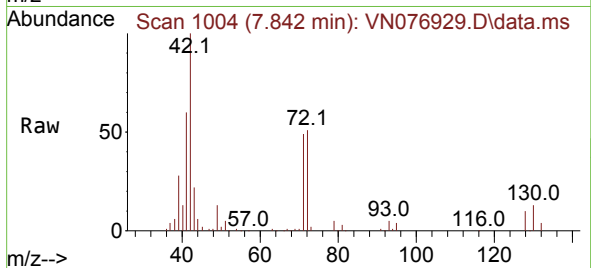




#29
Tetrahydrofuran
Concen: 90.627 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

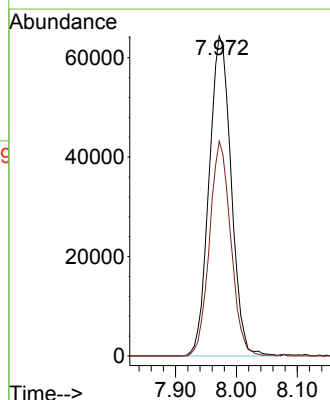
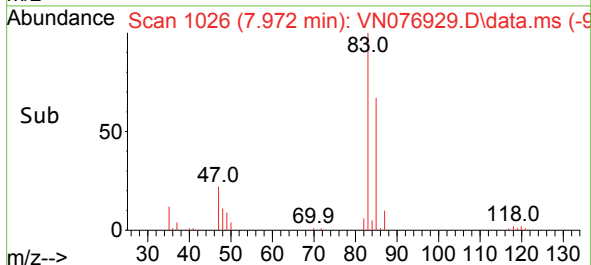
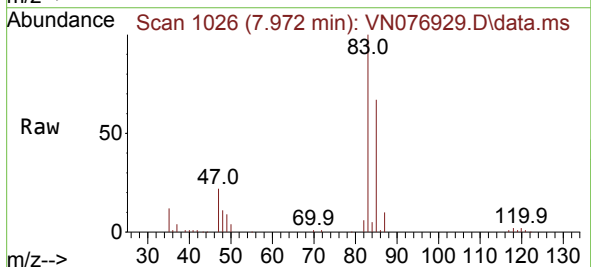
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

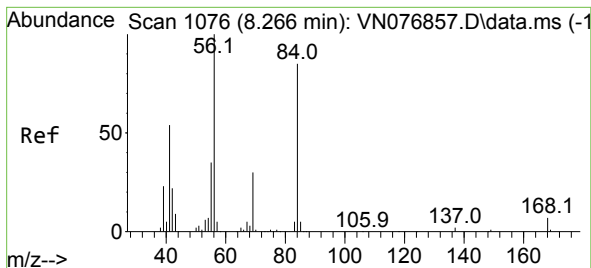
Tgt Ion: 42 Resp: 156042
Ion Ratio Lower Upper
42 100
72 51.2 48.6 73.0
71 48.9 45.1 67.7



#30
Chloroform
Concen: 17.843 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 83 Resp: 162274
Ion Ratio Lower Upper
83 100
85 67.1 51.3 76.9





#31

Cyclohexane

Concen: 17.475 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

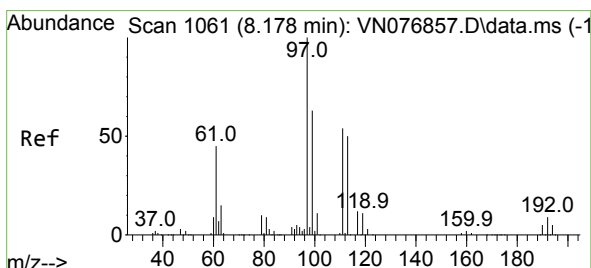
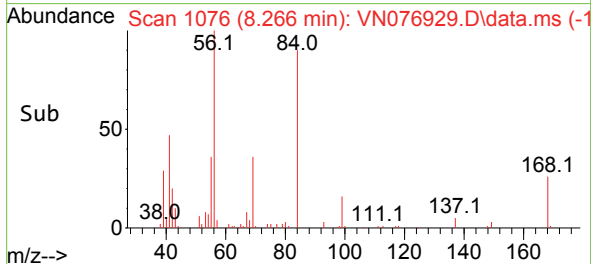
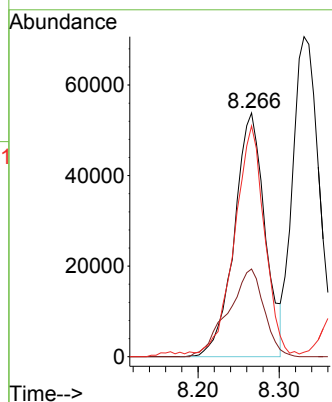
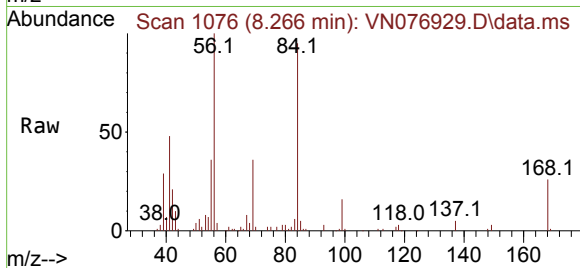
Tgt Ion: 56 Resp: 141323

Ion Ratio Lower Upper

56 100

69 36.0 27.0 40.6

84 92.9 82.9 124.3



#32

1,1,1-Trichloroethane

Concen: 18.340 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

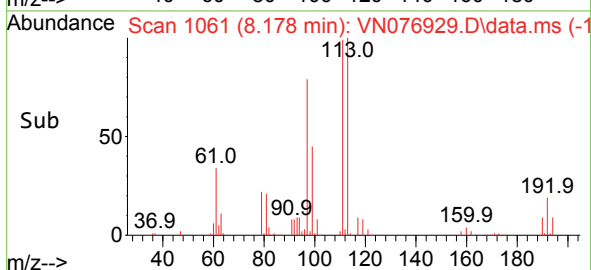
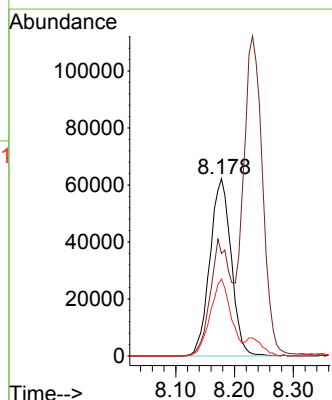
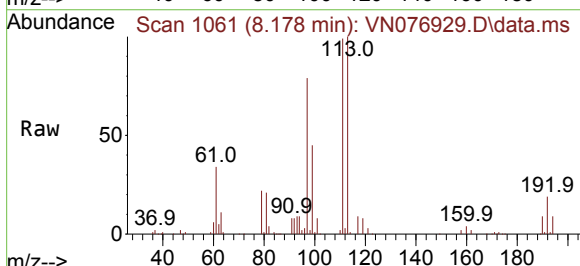
Tgt Ion: 97 Resp: 156376

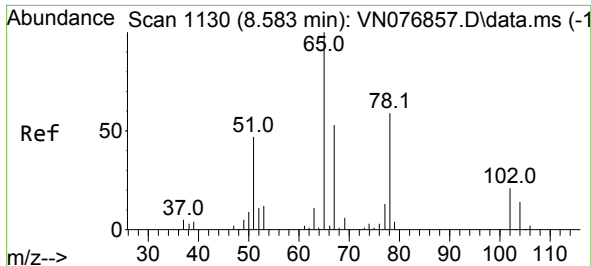
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 42.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 47.480 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

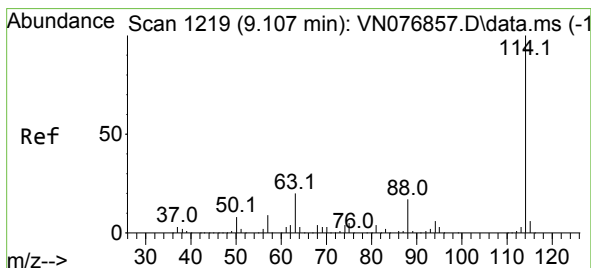
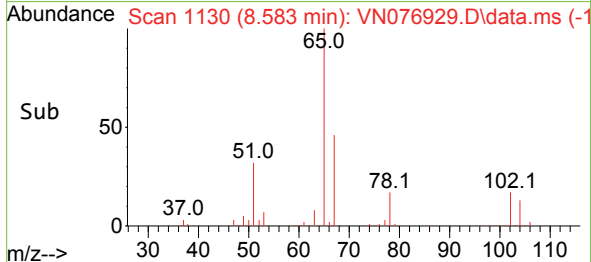
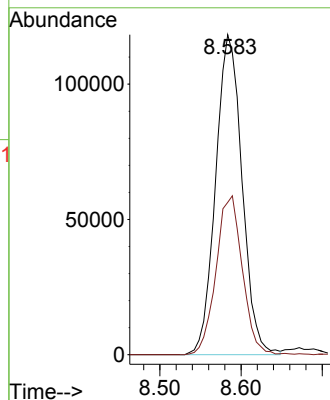
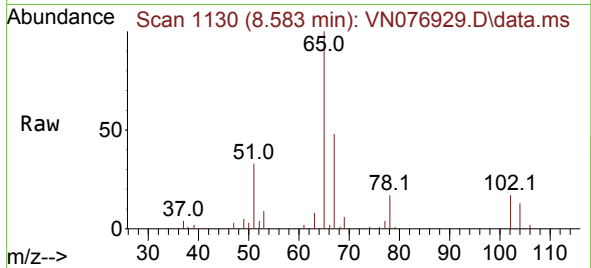
VN0310WBS01

Tgt Ion: 65 Resp: 267624

Ion Ratio Lower Upper

65 100

67 49.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

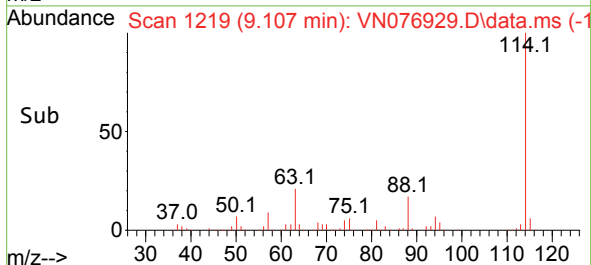
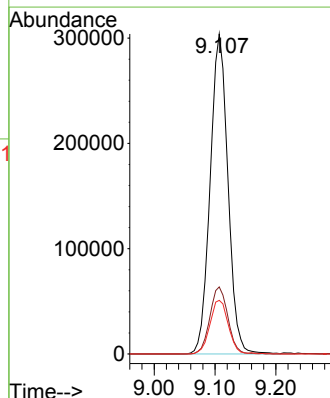
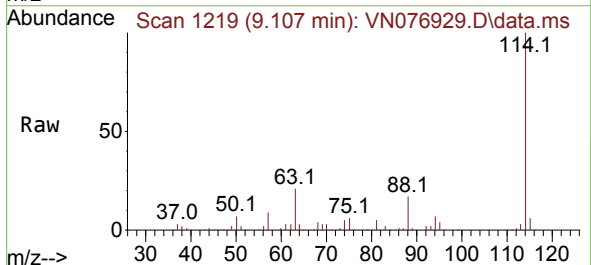
Tgt Ion: 114 Resp: 615767

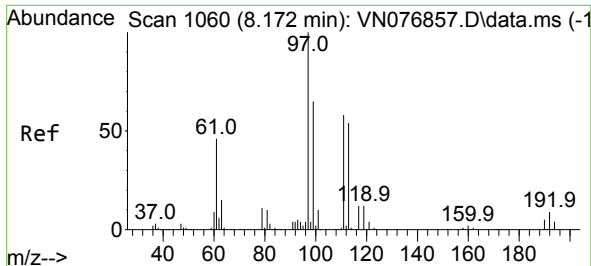
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 16.8 0.0 28.6

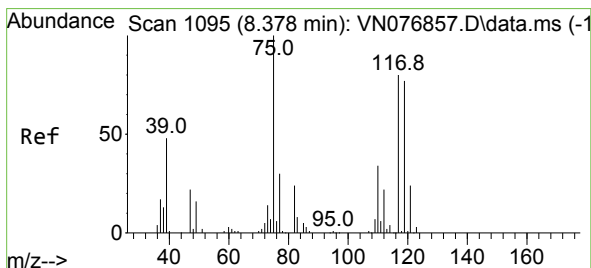
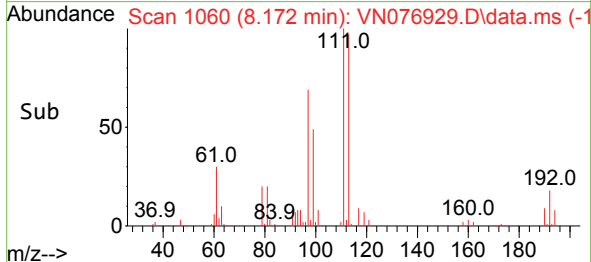
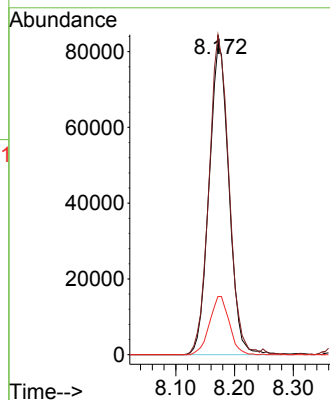
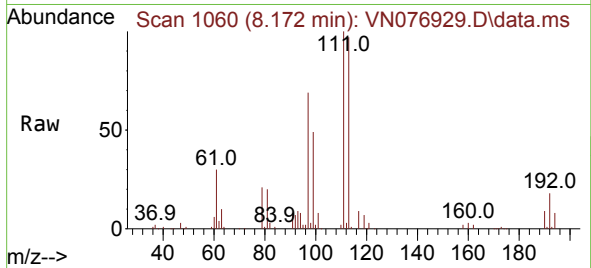




#35
Dibromofluoromethane
Concen: 47.076 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

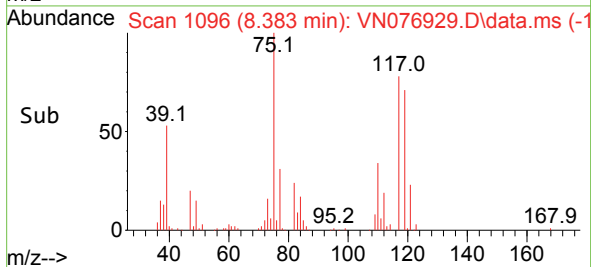
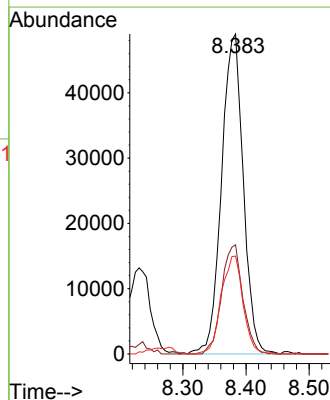
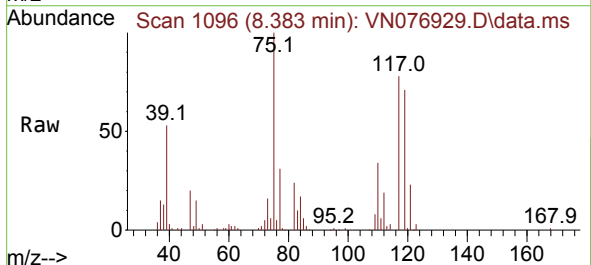
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

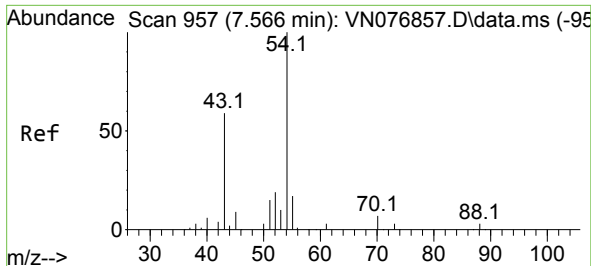
Tgt Ion:113 Resp: 193195
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.5 13.9 20.9



#36
1,1-Dichloropropene
Concen: 18.452 ug/l
RT: 8.383 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 75 Resp: 117116
Ion Ratio Lower Upper
75 100
110 33.4 18.9 56.9
77 30.5 24.9 37.3

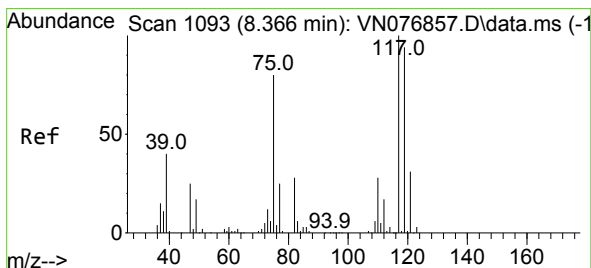
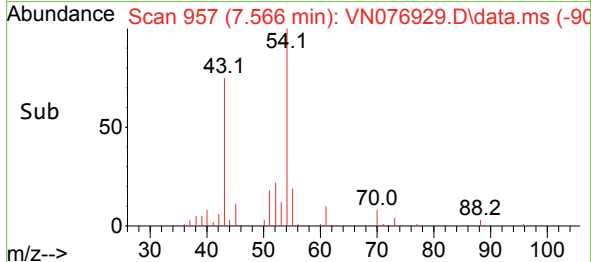
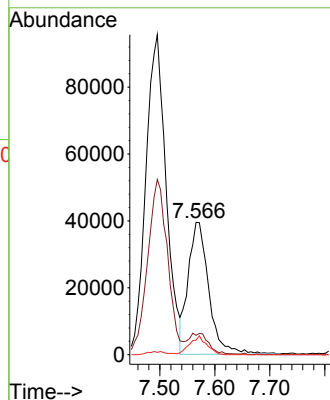
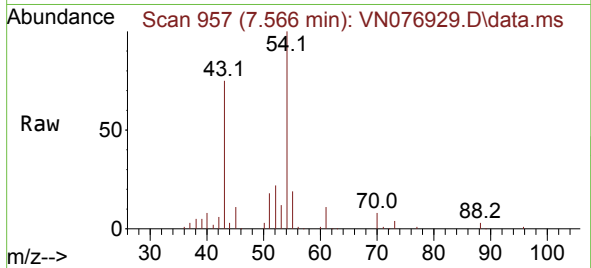




#37
Ethyl Acetate
Concen: 20.307 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

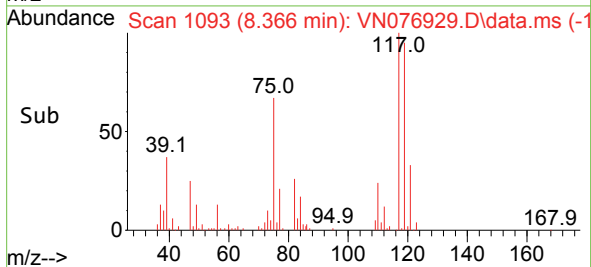
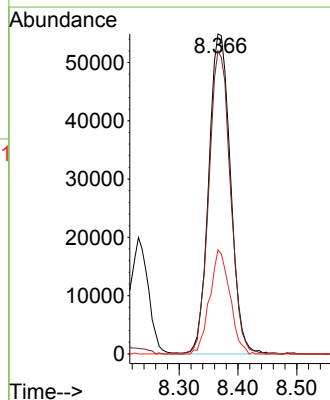
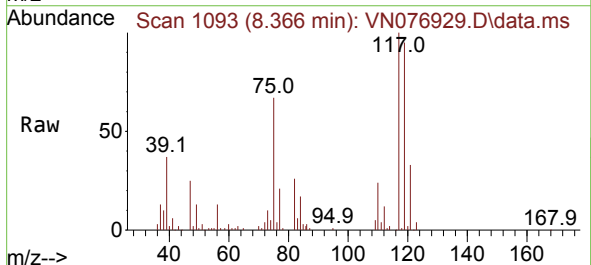
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

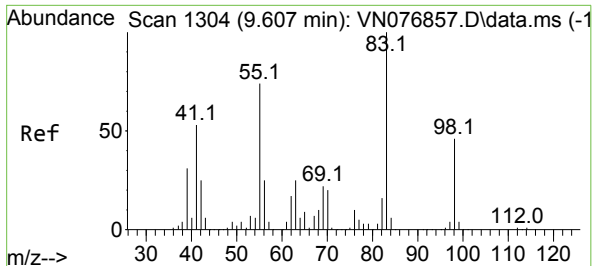
Tgt Ion: 43 Resp: 103072
Ion Ratio Lower Upper
43 100
61 15.5 13.5 20.3
70 11.6 11.0 16.6



#38
Carbon Tetrachloride
Concen: 18.963 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 117 Resp: 140865
Ion Ratio Lower Upper
117 100
119 94.7 76.9 115.3
121 32.5 23.2 34.8





#39

Methylcyclohexane

Concen: 18.307 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

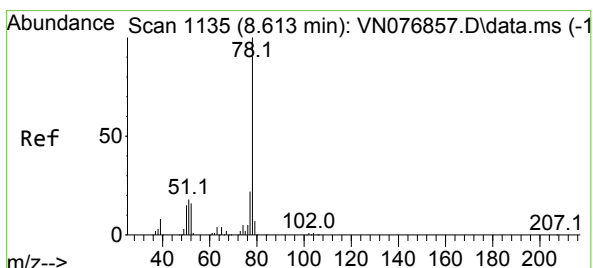
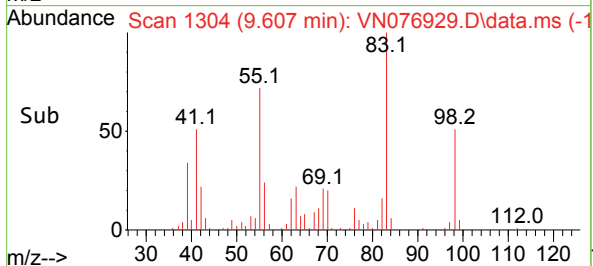
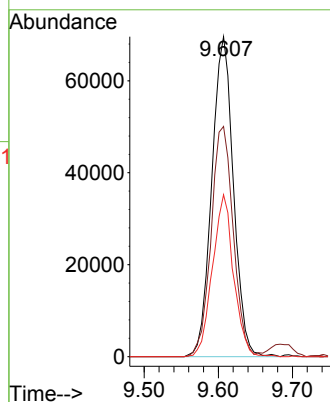
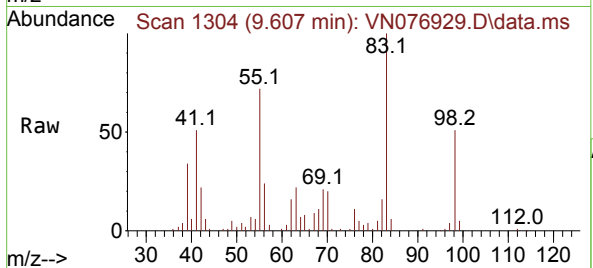
Tgt Ion: 83 Resp: 141052

Ion Ratio Lower Upper

83 100

55 71.9 47.0 70.4#

98 50.6 39.4 59.0



#40

Benzene

Concen: 18.281 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076929.D

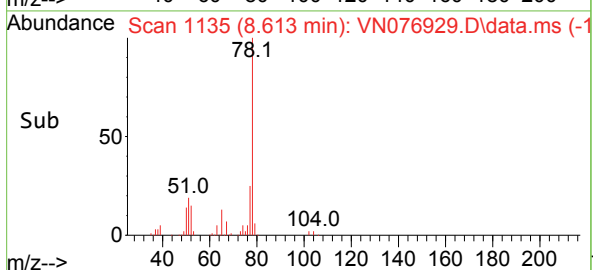
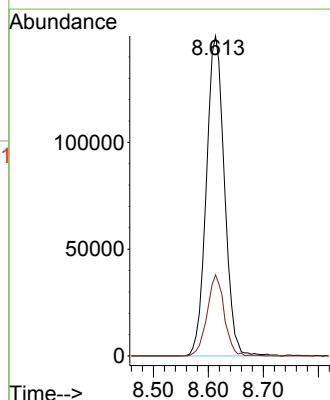
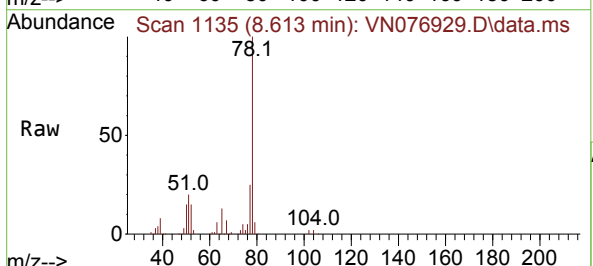
Acq: 10 Mar 2023 17:03

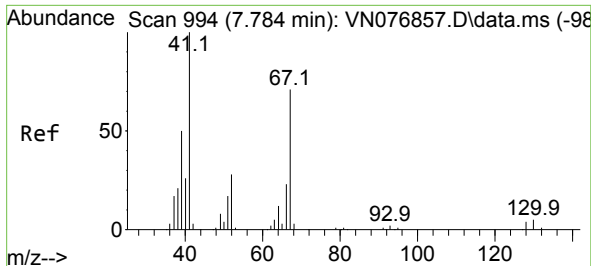
Tgt Ion: 78 Resp: 342013

Ion Ratio Lower Upper

78 100

77 25.4 19.3 28.9

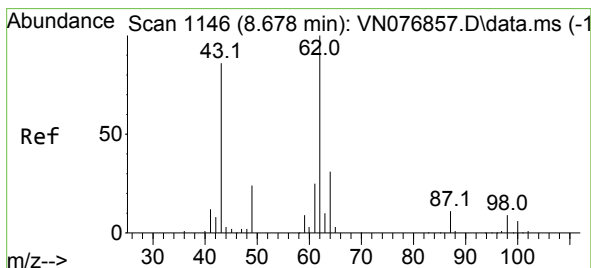
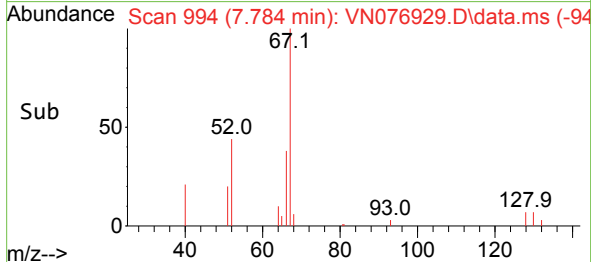
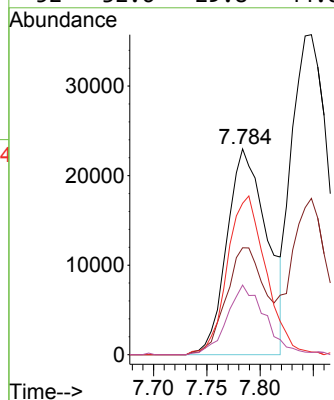
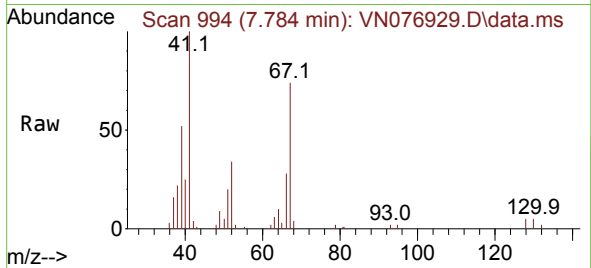




#41
Methacrylonitrile
Concen: 19.914 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

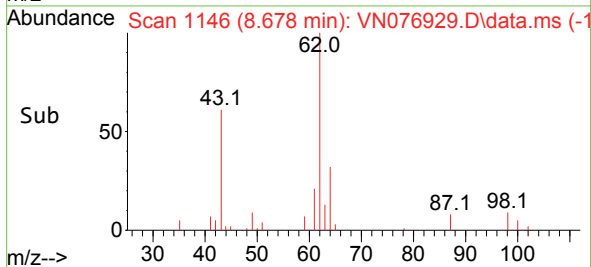
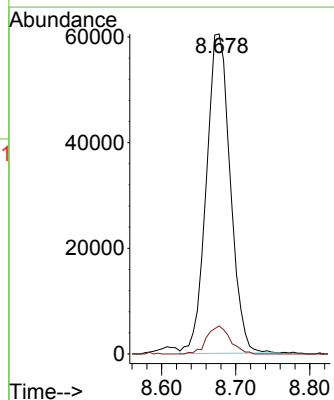
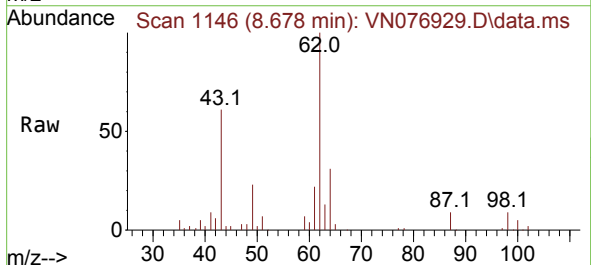
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

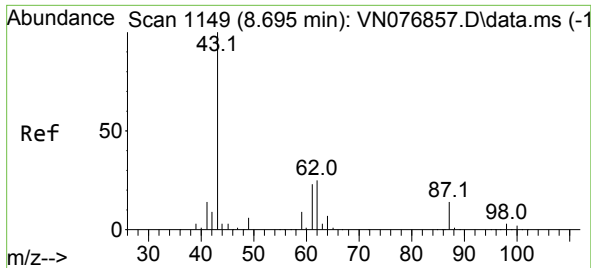
Tgt Ion:	41	Resp:	60149
Ion	Ratio	Lower	Upper
41	100		
39	49.9	43.4	65.0
67	74.4	78.6	118.0
52	32.6	29.8	44.8



#42
1,2-Dichloroethane
Concen: 18.612 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion:	62	Resp:	135822
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	21.8

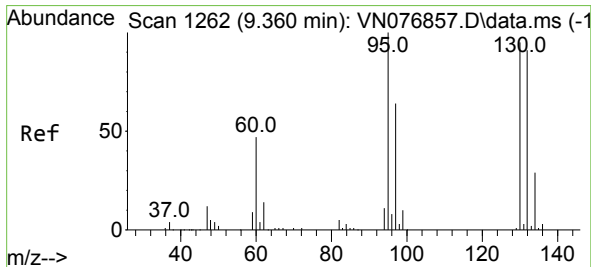
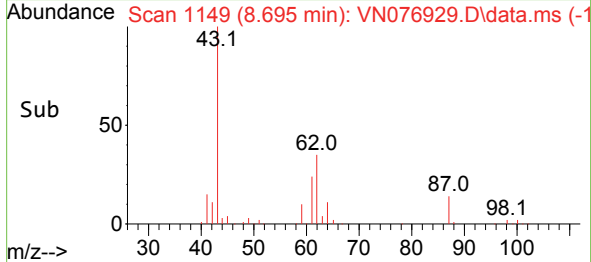
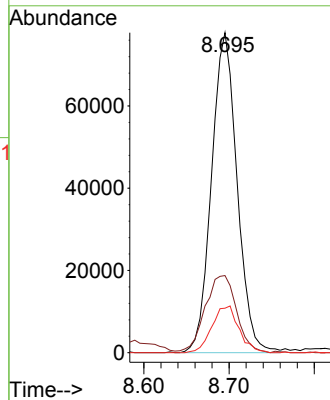
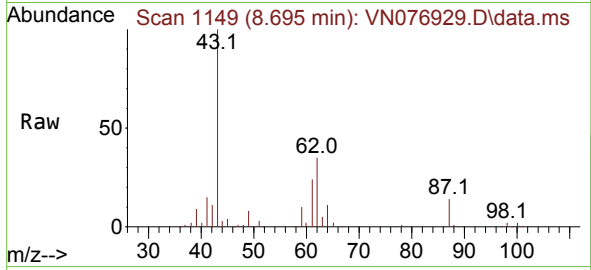




#43
Isopropyl Acetate
Concen: 18.145 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

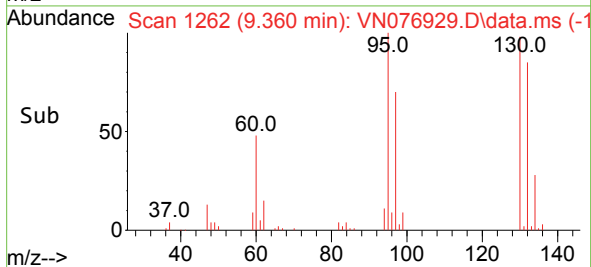
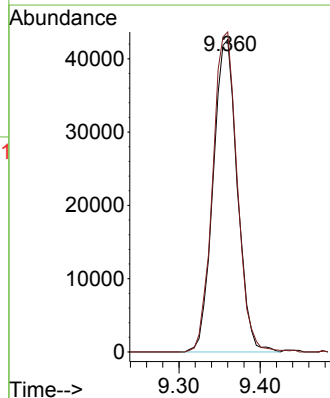
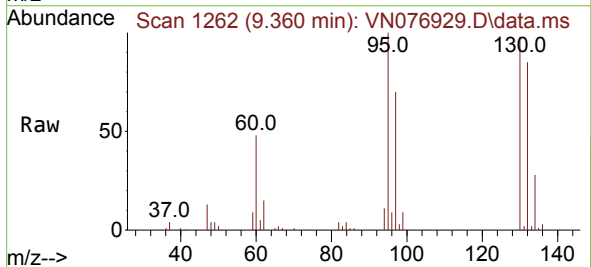
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

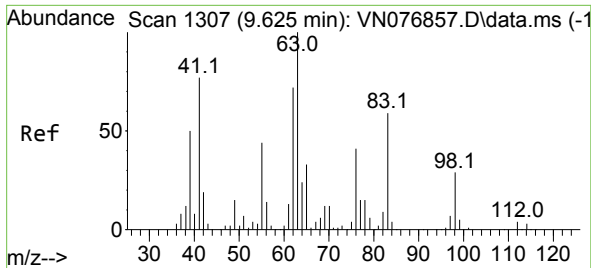
Tgt Ion: 43 Resp: 162583
Ion Ratio Lower Upper
43 100
61 29.5 26.2 39.2
87 15.4 14.8 22.2



#44
Trichloroethene
Concen: 18.205 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion:130 Resp: 88024
Ion Ratio Lower Upper
130 100
95 102.5 0.0 208.6

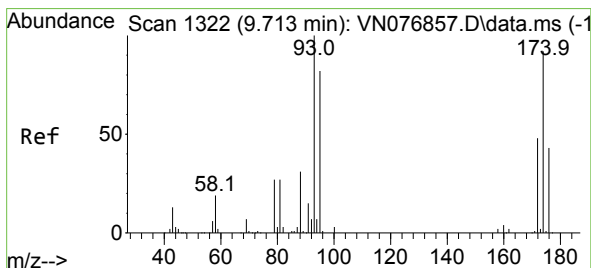
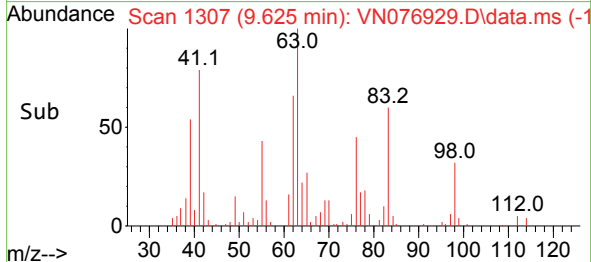
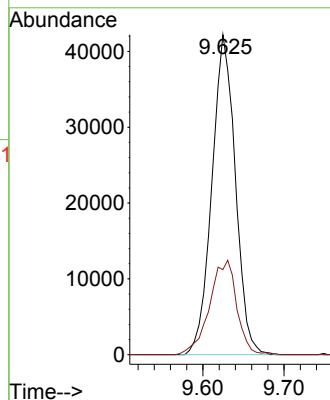
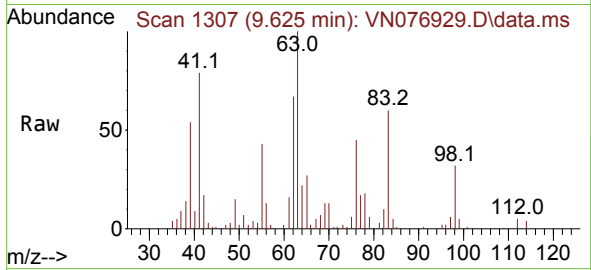




#45
1,2-Dichloropropane
Concen: 18.419 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

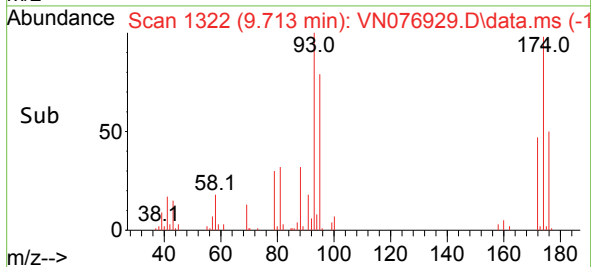
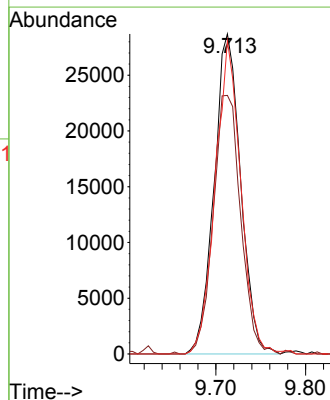
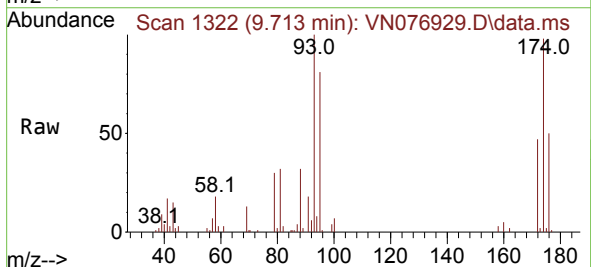
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

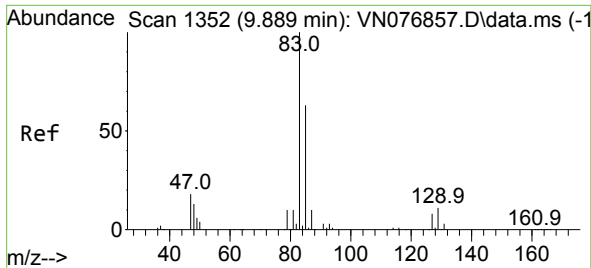
Tgt Ion: 63 Resp: 84784
Ion Ratio Lower Upper
63 100
65 26.6 25.0 37.6



#46
Dibromomethane
Concen: 18.350 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 93 Resp: 58991
Ion Ratio Lower Upper
93 100
95 83.5 65.7 98.5
174 94.4 69.3 103.9

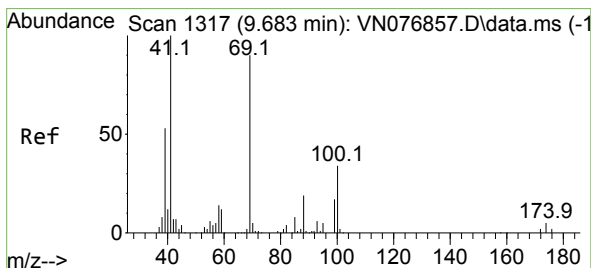
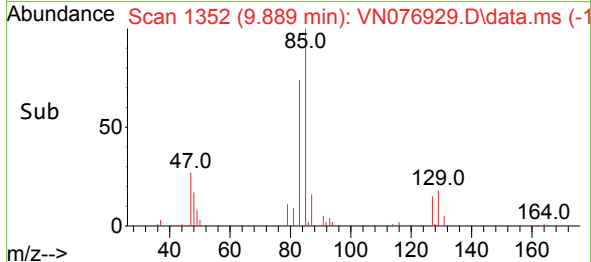
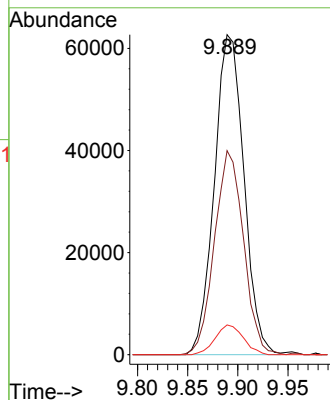
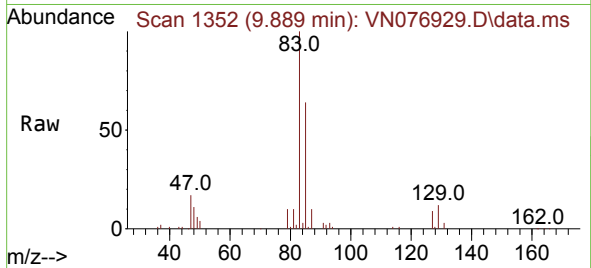




#47
Bromodichloromethane
Concen: 18.807 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

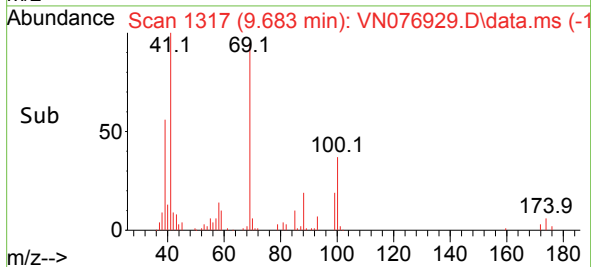
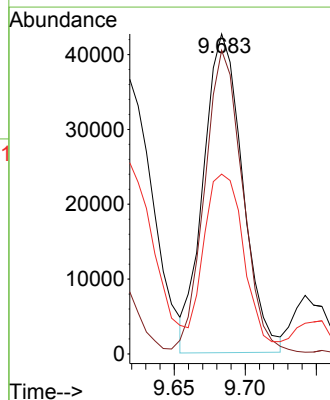
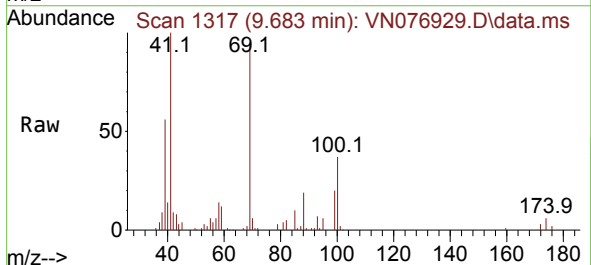
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

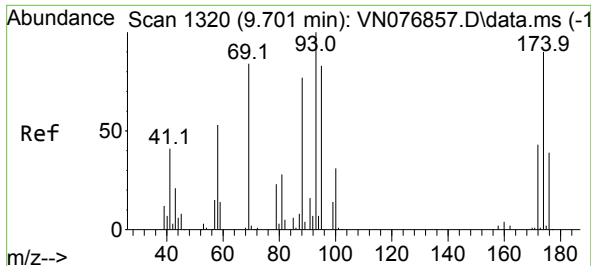
Tgt Ion: 83 Resp: 128267
Ion Ratio Lower Upper
83 100
85 63.8 52.6 78.8
127 9.3 7.0 10.6



#48
Methyl methacrylate
Concen: 18.627 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 41 Resp: 81777
Ion Ratio Lower Upper
41 100
69 91.9 92.6 139.0#
39 57.6 51.4 77.0





#49

1,4-Dioxane

Concen: 380.392 ug/l

RT: 9.695 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

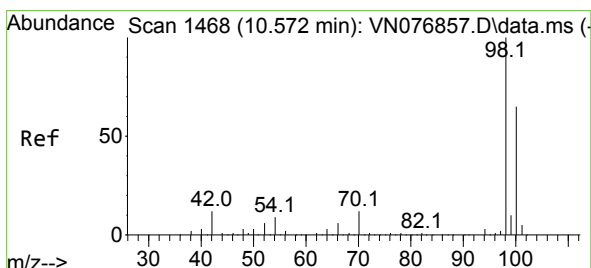
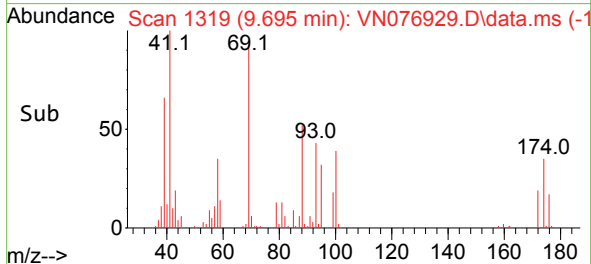
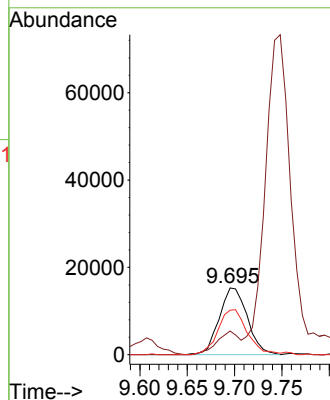
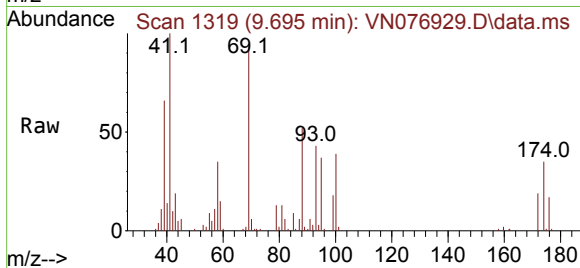
Tgt Ion: 88 Resp: 31622

Ion Ratio Lower Upper

88 100

43 28.3 15.3 22.9#

58 71.0 47.6 71.4



#50

Toluene-d8

Concen: 48.636 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076929.D

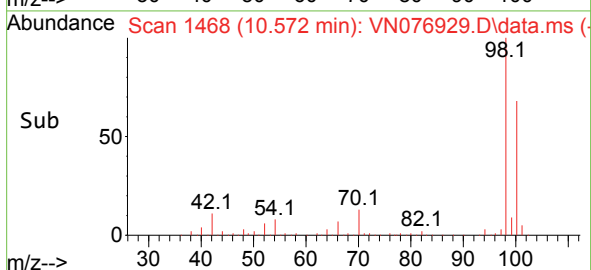
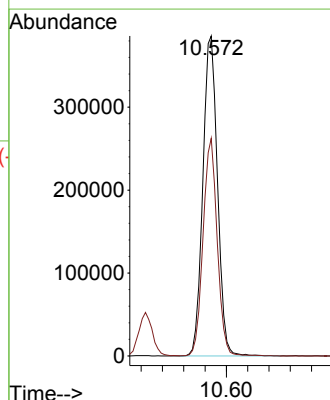
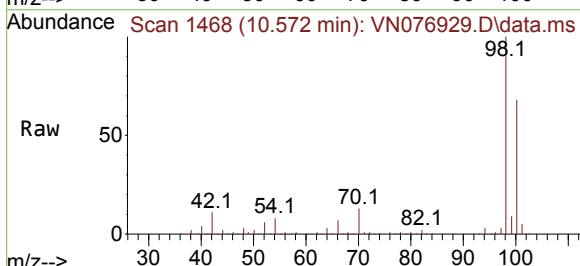
Acq: 10 Mar 2023 17:03

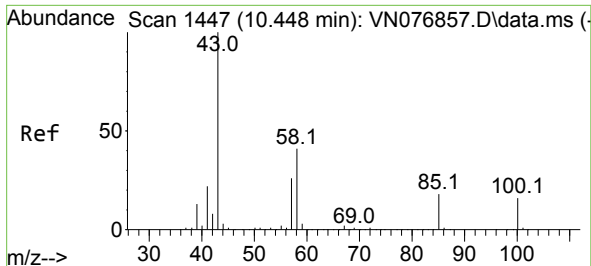
Tgt Ion: 98 Resp: 735614

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2

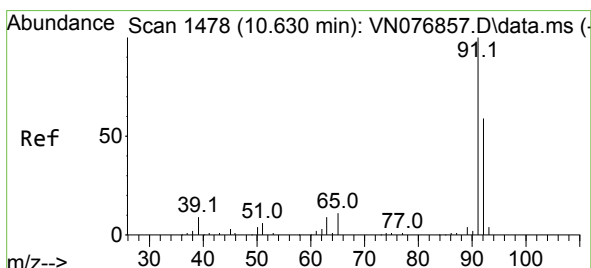
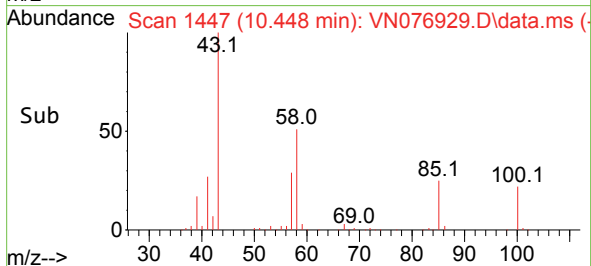
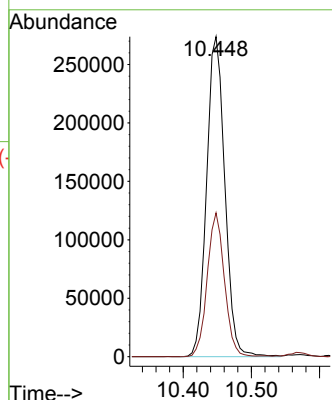
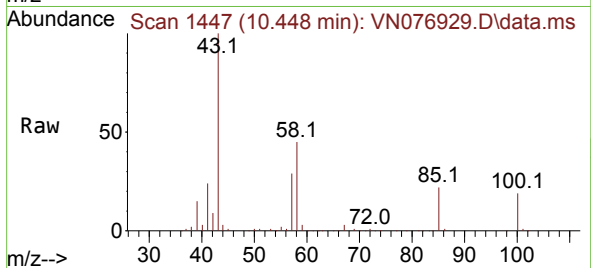




#51
4-Methyl-2-Pentanone
Concen: 94.648 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

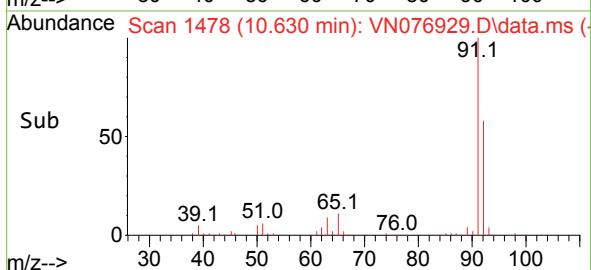
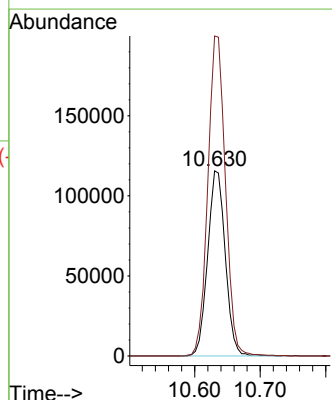
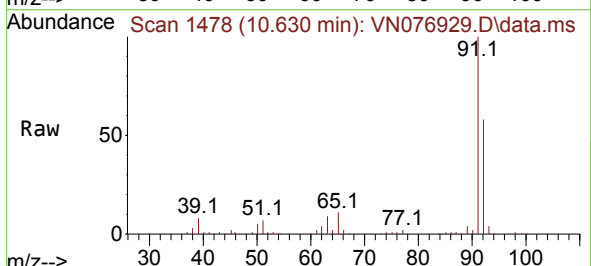
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

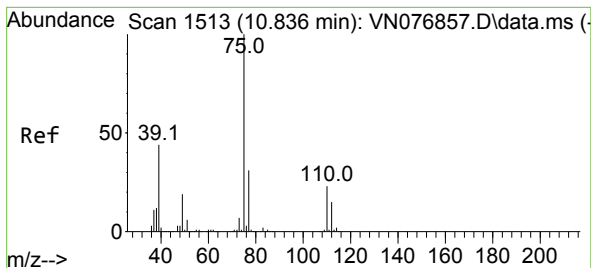
Tgt Ion: 43 Resp: 509452
Ion Ratio Lower Upper
43 100
58 42.5 37.4 56.0



#52
Toluene
Concen: 18.785 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 92 Resp: 216296
Ion Ratio Lower Upper
92 100
91 172.3 138.2 207.2

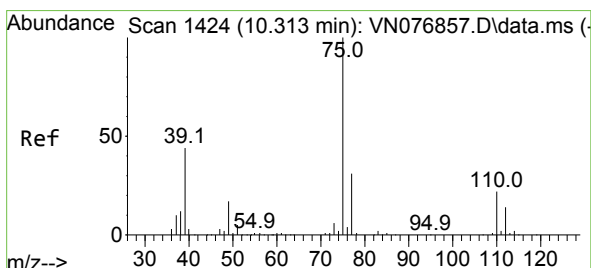
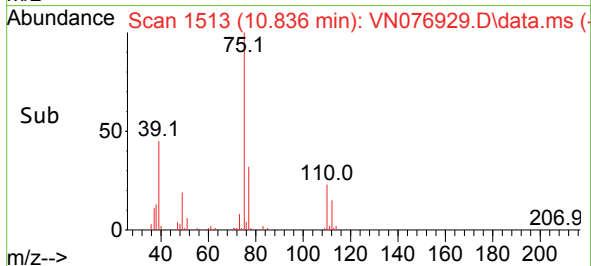
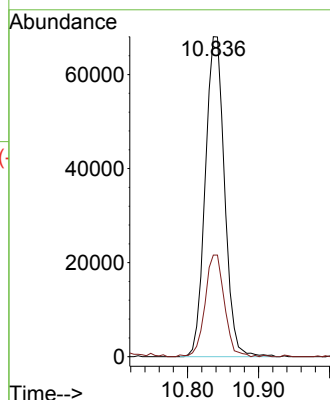
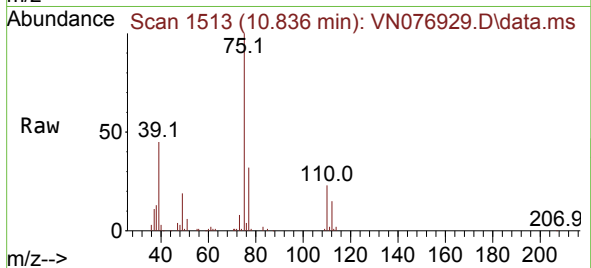




#53
 t-1,3-Dichloropropene
 Concen: 18.872 ug/l
 RT: 10.836 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

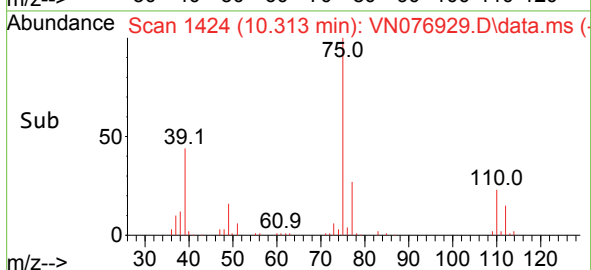
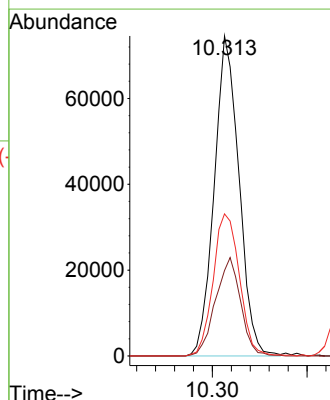
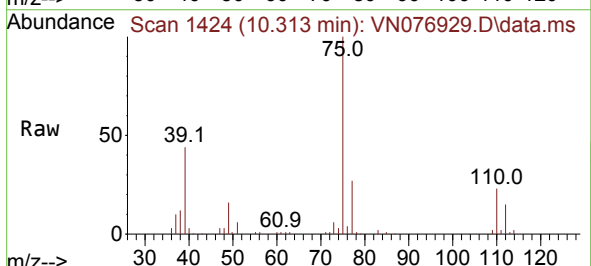
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

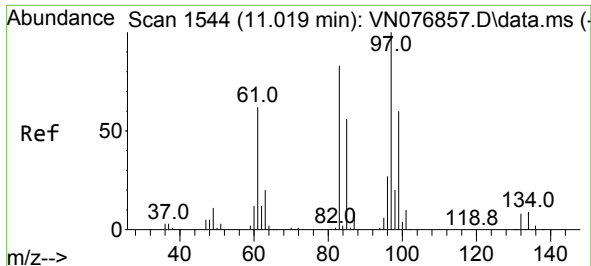
Tgt Ion: 75 Resp: 128320
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.121 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

Tgt Ion: 75 Resp: 135315
 Ion Ratio Lower Upper
 75 100
 77 26.7 25.7 38.5
 39 44.4 29.7 44.5

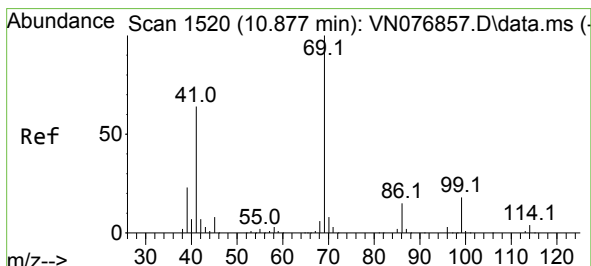
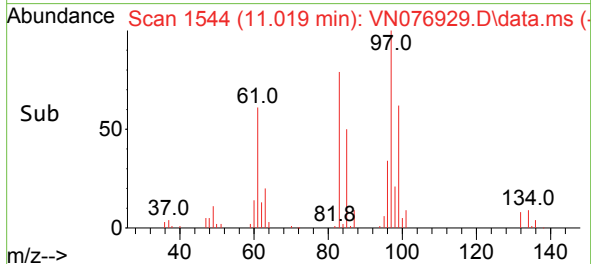
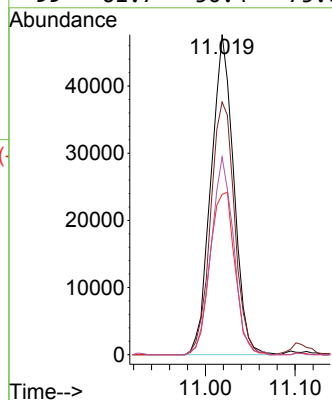
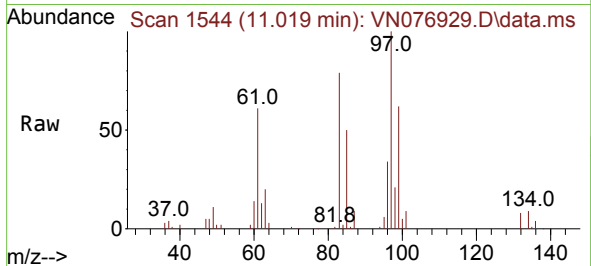




#55
1,1,2-Trichloroethane
Concen: 18.714 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

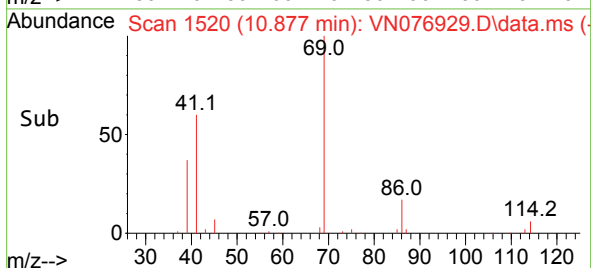
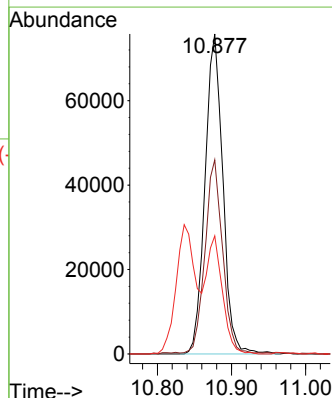
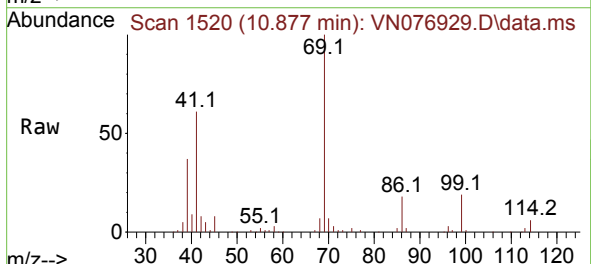
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

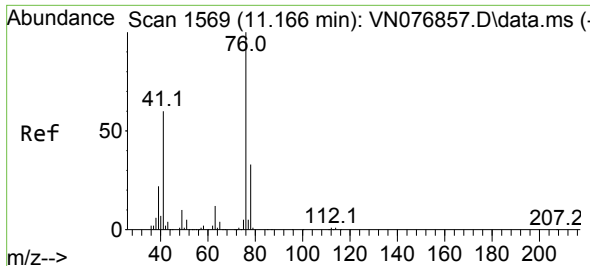
Tgt Ion: 97	Resp: 83842
Ion Ratio	Lower Upper
97 100	
83 78.9	67.1 100.7
85 50.1	41.8 62.8
99 61.7	50.4 75.6



#56
Ethyl methacrylate
Concen: 18.621 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 69	Resp: 126532
Ion Ratio	Lower Upper
69 100	
41 59.1	38.0 57.0#
39 32.7	22.4 33.6

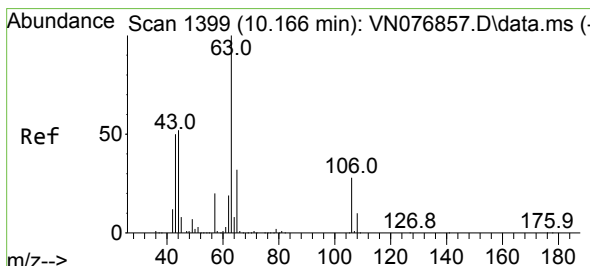
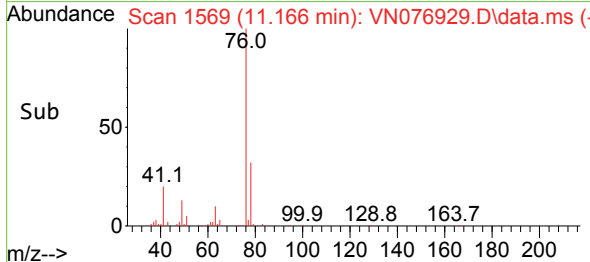
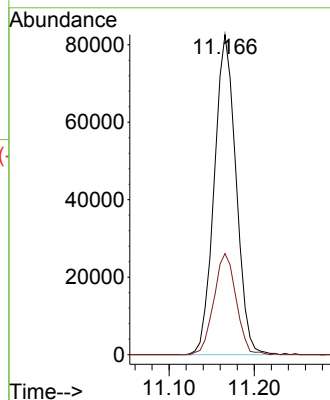
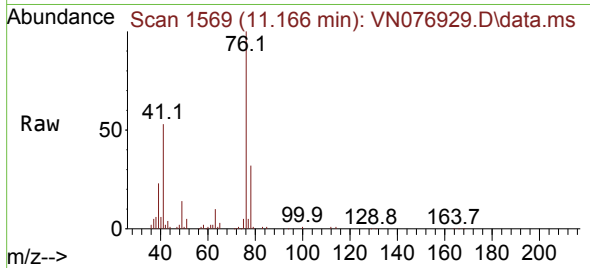




#57
1,3-Dichloropropane
Concen: 18.553 ug/l
RT: 11.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

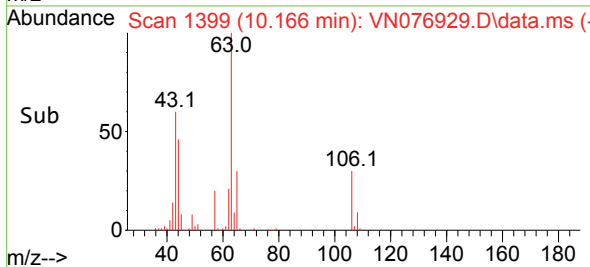
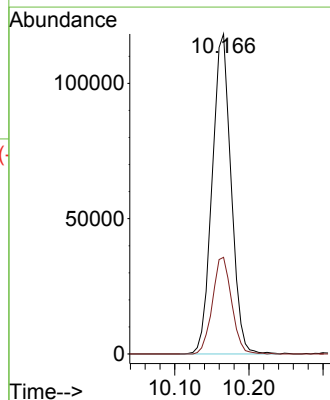
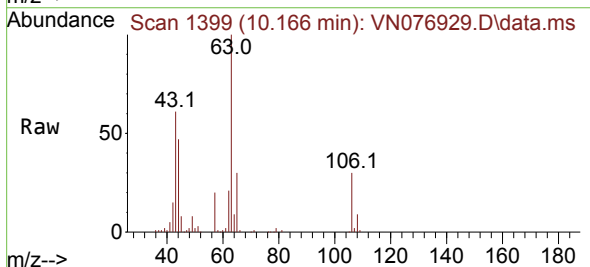
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

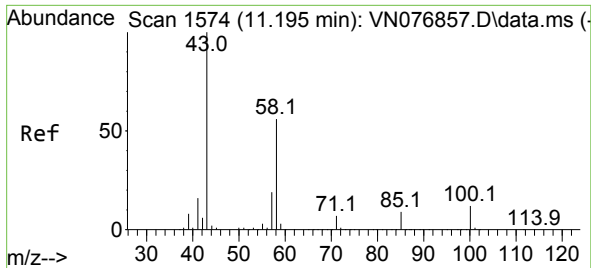
Tgt Ion: 76 Resp: 146571
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 96.832 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 63 Resp: 209530
Ion Ratio Lower Upper
63 100
106 30.7 25.6 38.4

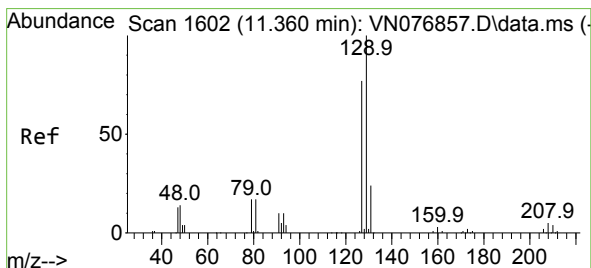
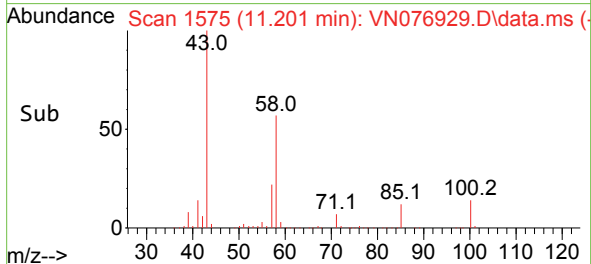
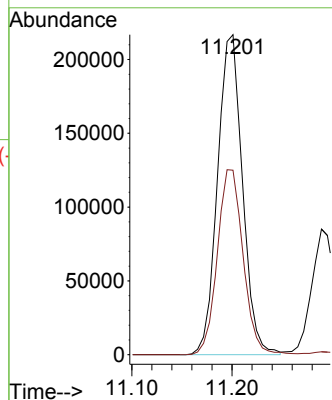
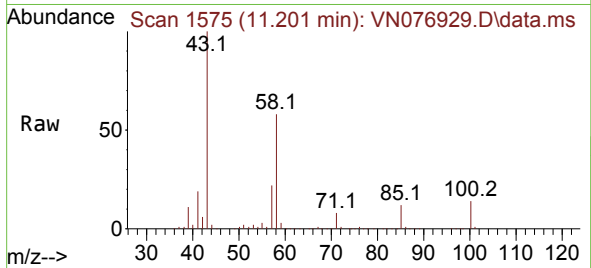




#59
2-Hexanone
Concen: 95.364 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

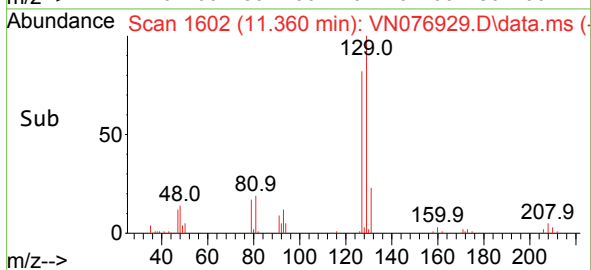
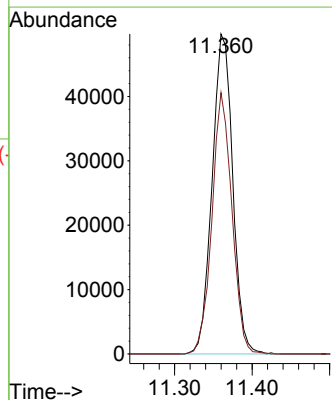
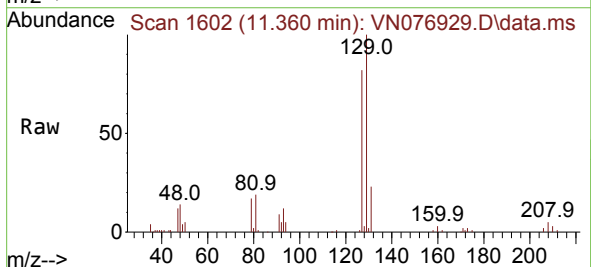
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

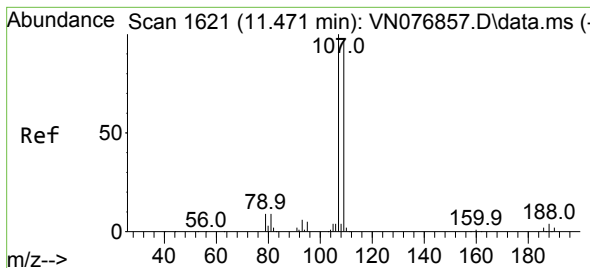
Tgt Ion: 43 Resp: 374266
Ion Ratio Lower Upper
43 100
58 59.8 32.6 98.0



#60
Dibromochloromethane
Concen: 18.605 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 129 Resp: 91834
Ion Ratio Lower Upper
129 100
127 79.0 39.6 118.8





#61

1,2-Dibromoethane

Concen: 18.242 ug/l

RT: 11.472 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

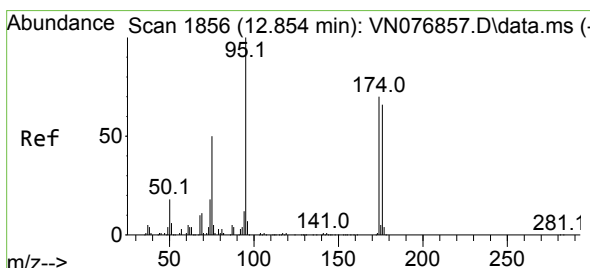
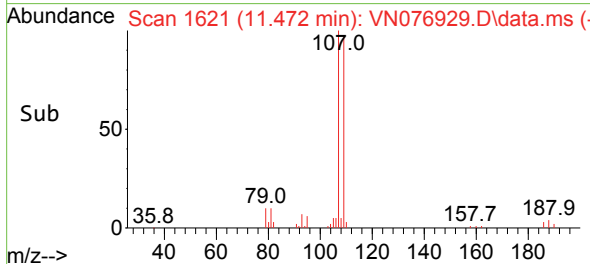
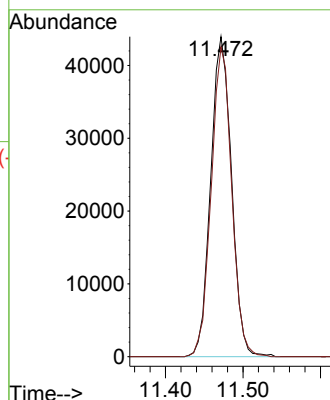
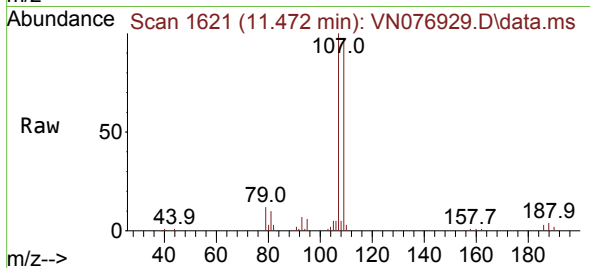
VN0310WBS01

Tgt Ion:107 Resp: 81912

Ion Ratio Lower Upper

107 100

109 95.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.910 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

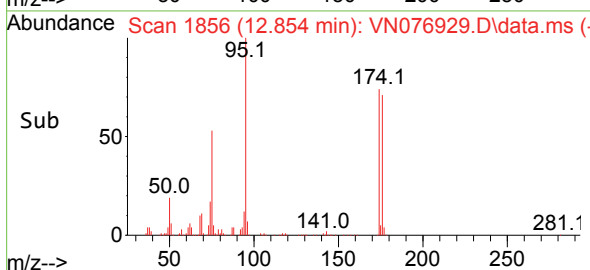
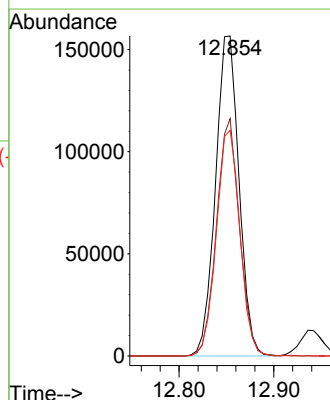
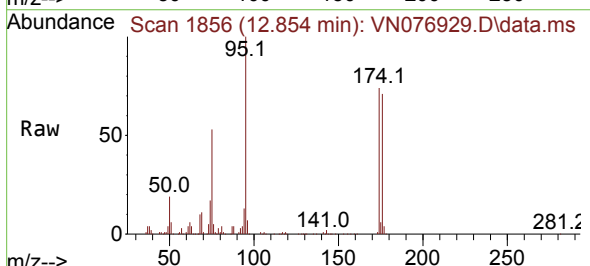
Tgt Ion: 95 Resp: 270580

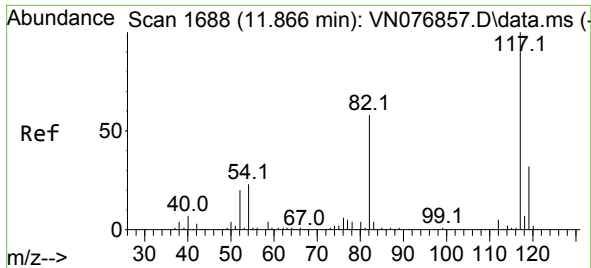
Ion Ratio Lower Upper

95 100

174 72.3 0.0 162.4

176 70.5 0.0 157.4

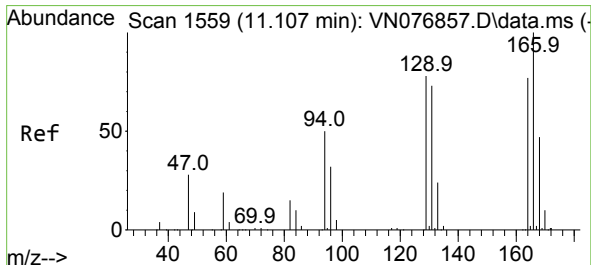
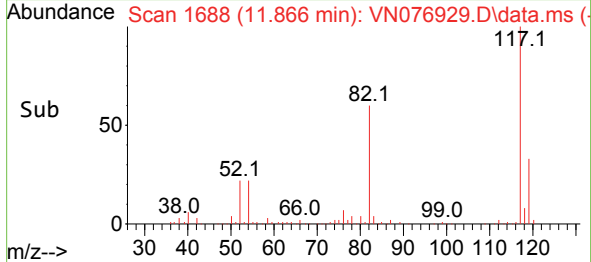
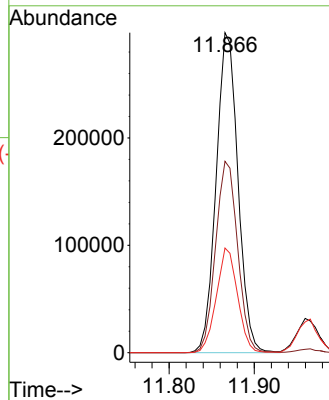
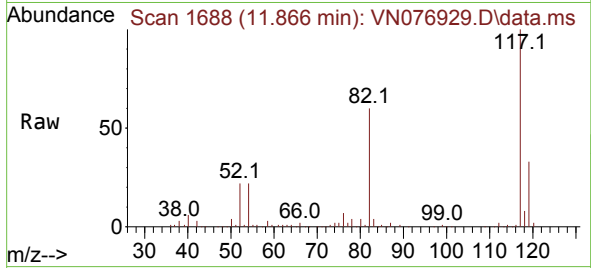




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

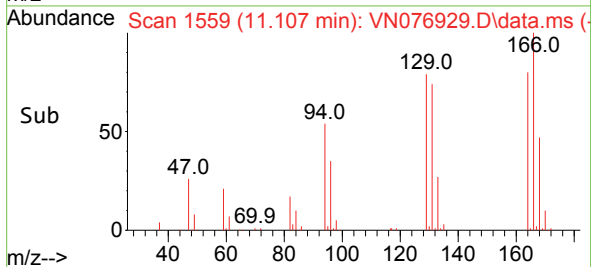
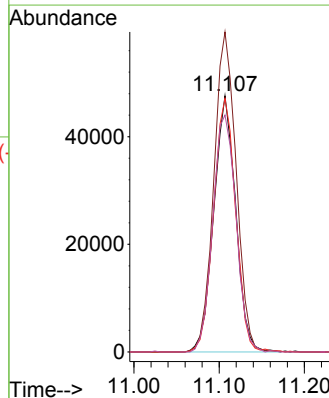
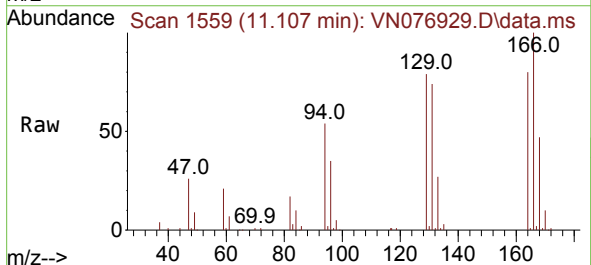
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

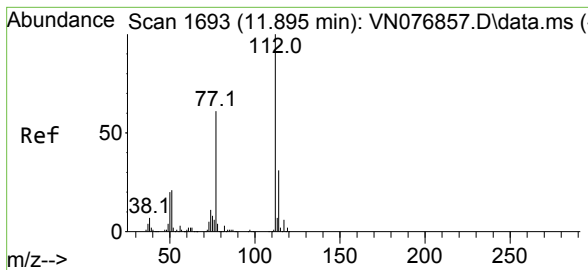
Tgt Ion:117 Resp: 532064
Ion Ratio Lower Upper
117 100
82 59.8 43.5 65.3
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 19.771 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion:164 Resp: 85139
Ion Ratio Lower Upper
164 100
166 124.9 102.7 154.1
129 99.0 81.5 122.3
131 92.5 77.7 116.5

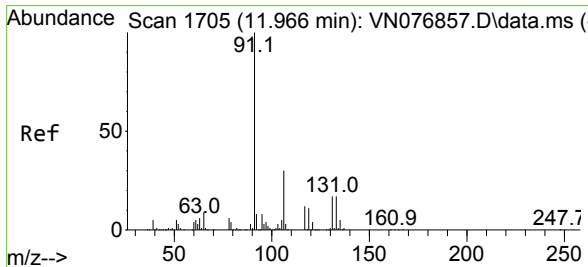
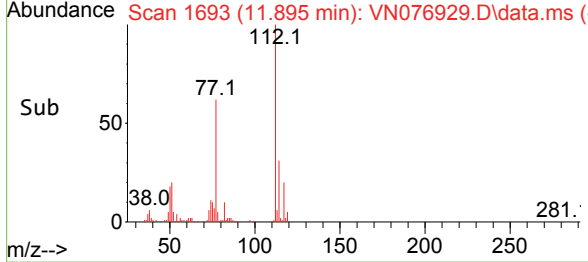
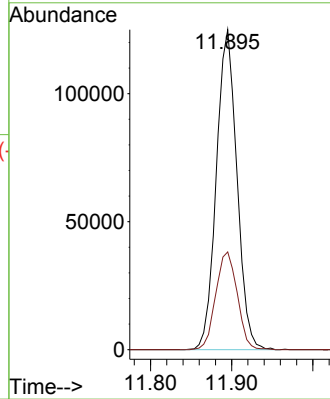
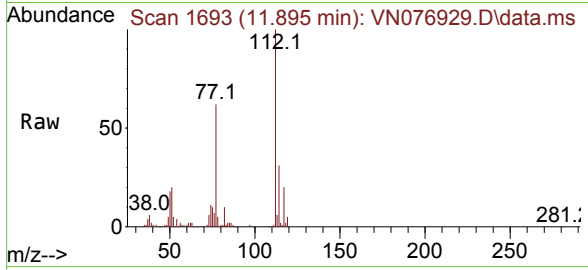




#65
Chlorobenzene
Concen: 18.493 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

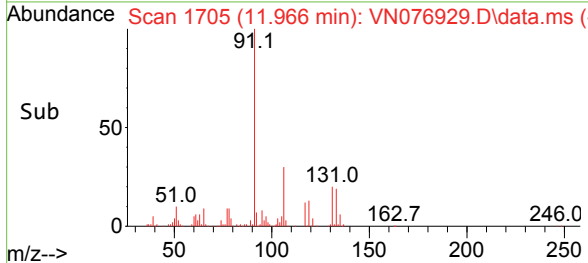
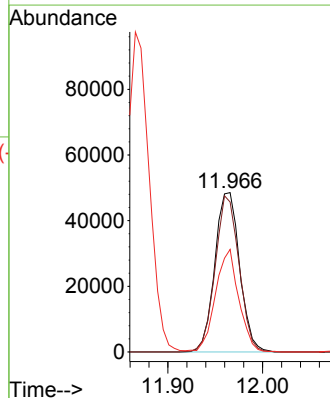
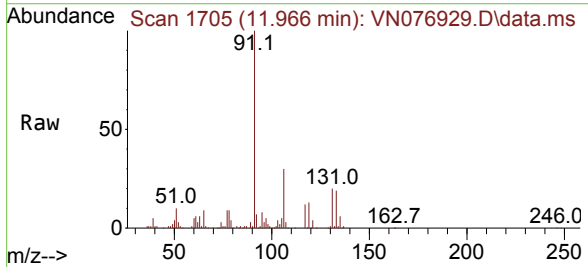
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

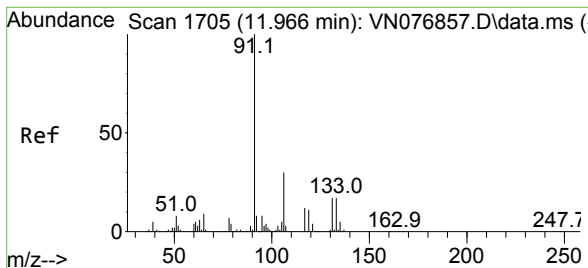
Tgt Ion:112 Resp: 220095
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.052 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion:131 Resp: 88514
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.8
119 60.5 33.1 99.2





#67

Ethyl Benzene

Concen: 18.875 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

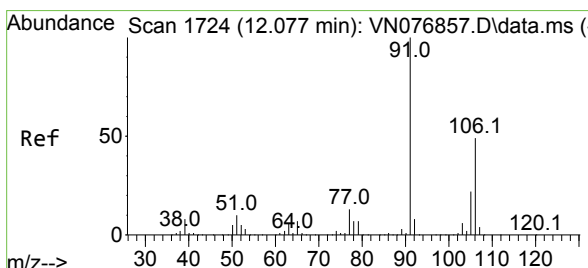
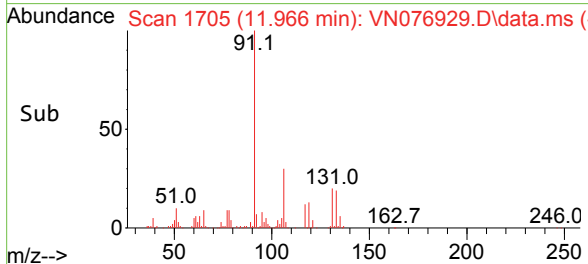
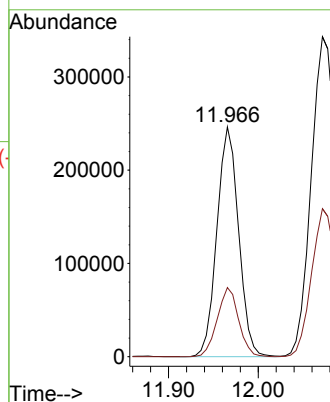
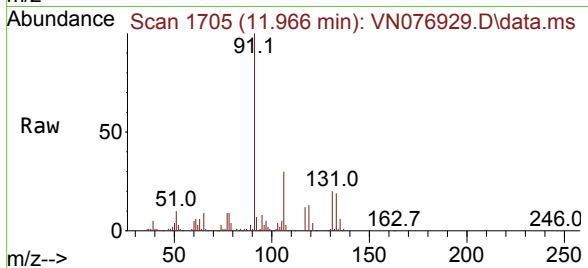
VN0310WBS01

Tgt Ion: 91 Resp: 413073

Ion Ratio Lower Upper

91 100

106 30.1 25.1 37.7



#68

m/p-Xylenes

Concen: 37.557 ug/l

RT: 12.071 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VN076929.D

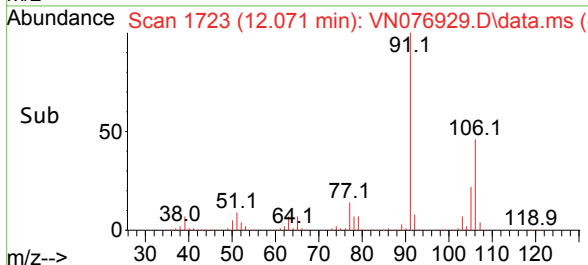
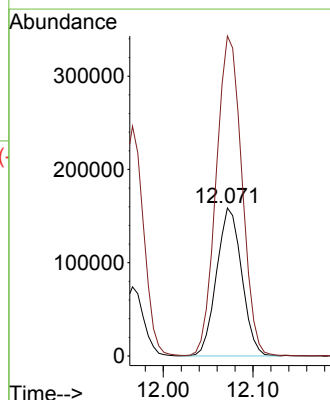
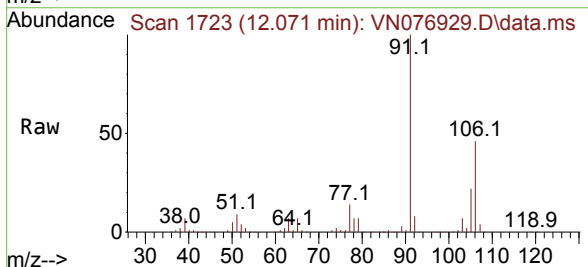
Acq: 10 Mar 2023 17:03

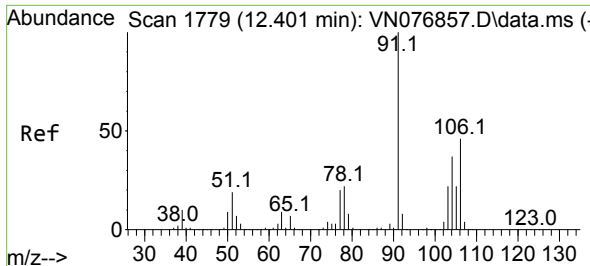
Tgt Ion: 106 Resp: 308916

Ion Ratio Lower Upper

106 100

91 220.8 158.0 237.0

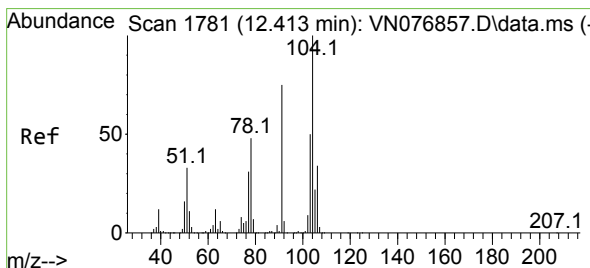
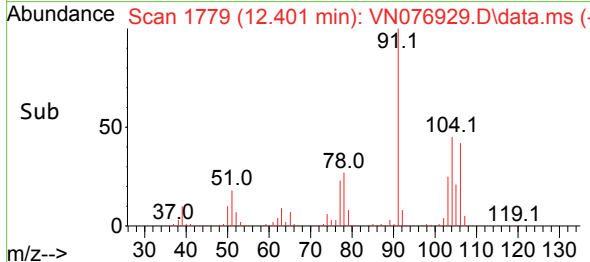
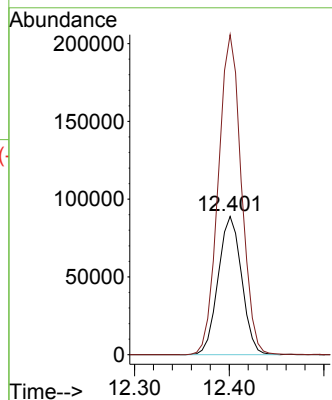
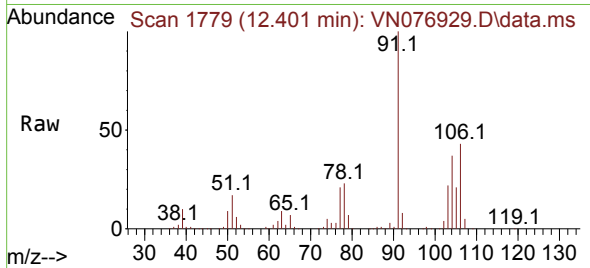




#69
o-Xylene
Concen: 19.185 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

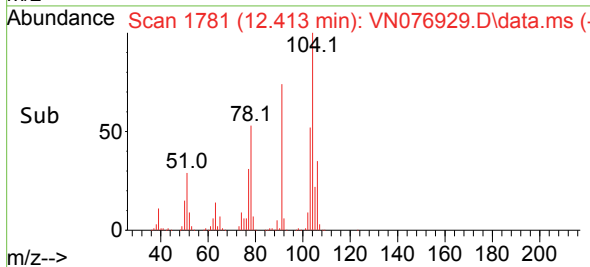
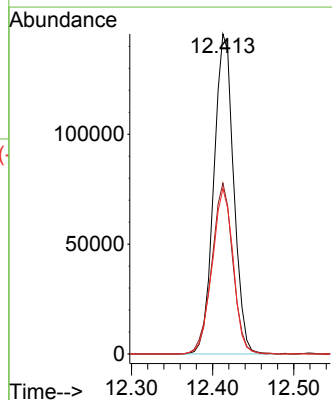
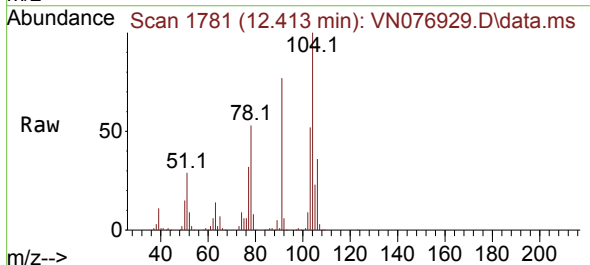
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

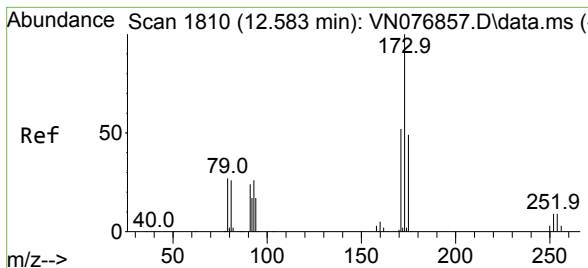
Tgt Ion:106 Resp: 153201
Ion Ratio Lower Upper
106 100
91 227.9 101.8 305.4



#70
Styrene
Concen: 19.224 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion:104 Resp: 247997
Ion Ratio Lower Upper
104 100
78 56.2 36.6 55.0#
103 54.7 43.4 65.0





#71

Bromoform

Concen: 19.420 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

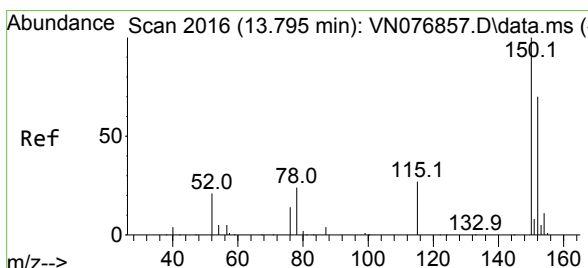
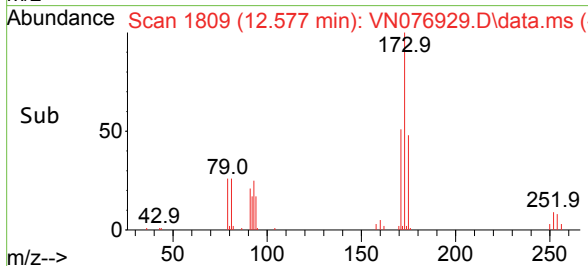
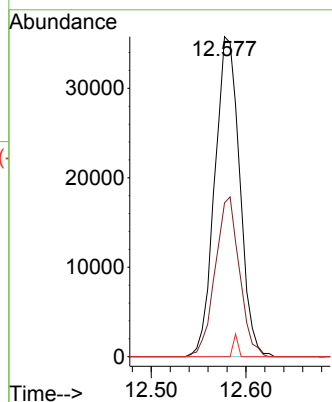
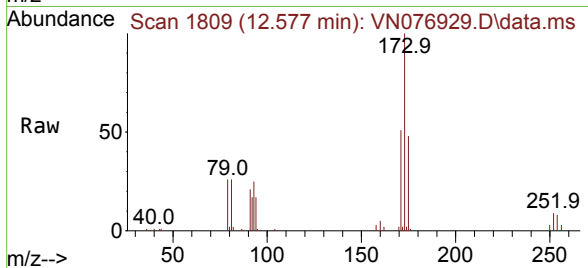
Tgt Ion:173 Resp: 65386

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.6

254 1.4 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

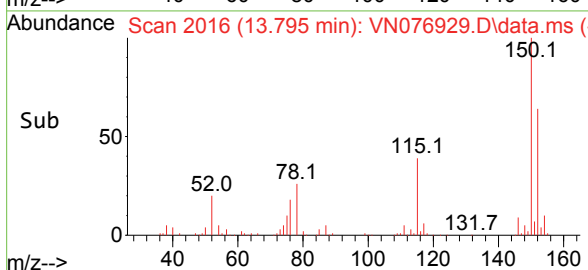
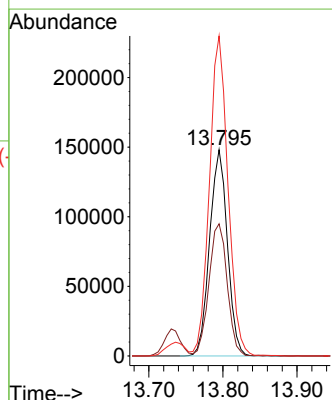
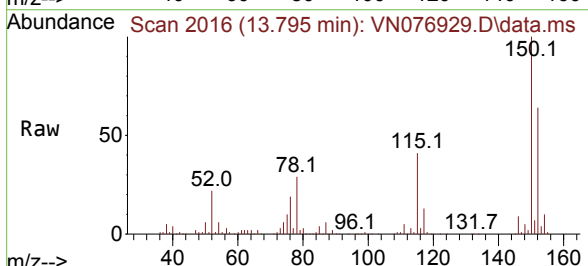
Tgt Ion:152 Resp: 247020

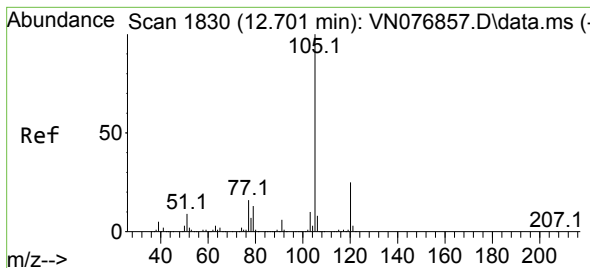
Ion Ratio Lower Upper

152 100

115 65.9 30.3 90.9

150 161.8 0.0 353.6





#73

Isopropylbenzene

Concen: 18.719 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

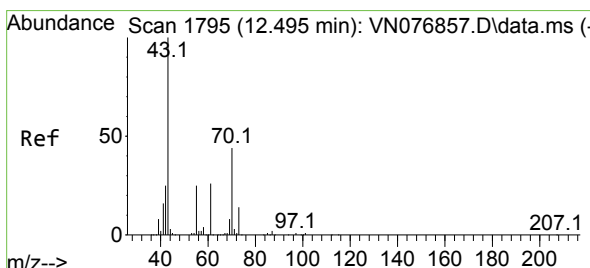
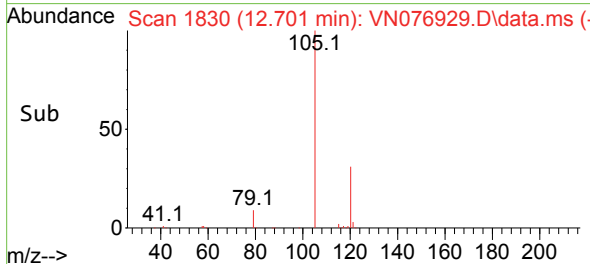
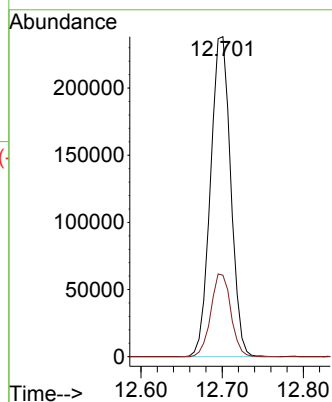
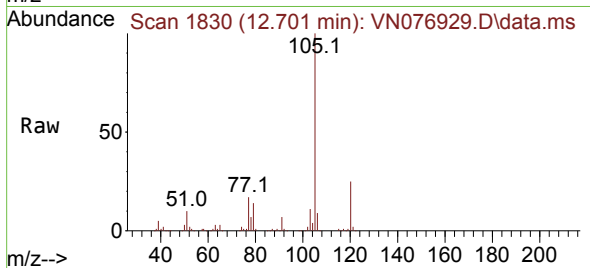
VN0310WBS01

Tgt Ion:105 Resp: 412033

Ion Ratio Lower Upper

105 100

120 25.6 13.8 41.4



#74

N-ethyl acetate

Concen: 18.197 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Tgt Ion: 43 Resp: 132618

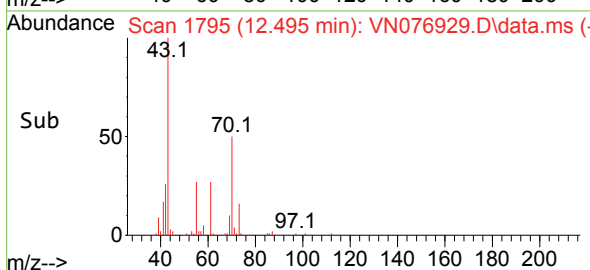
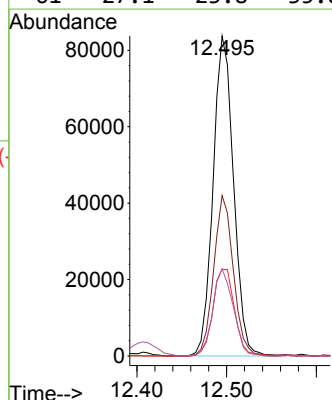
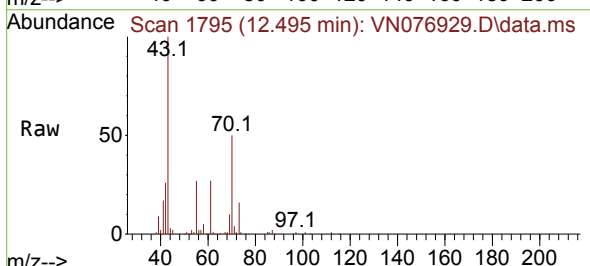
Ion Ratio Lower Upper

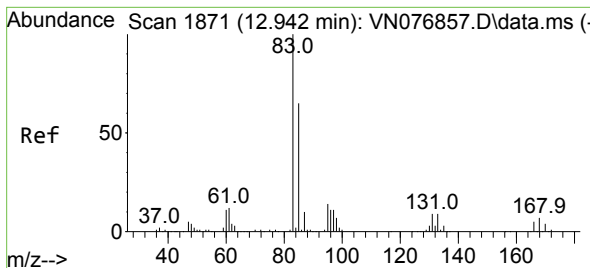
43 100

70 48.0 46.8 70.2

55 28.7 23.4 35.2

61 27.1 23.8 35.8





#75

1,1,2,2-Tetrachloroethane

Concen: 17.889 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

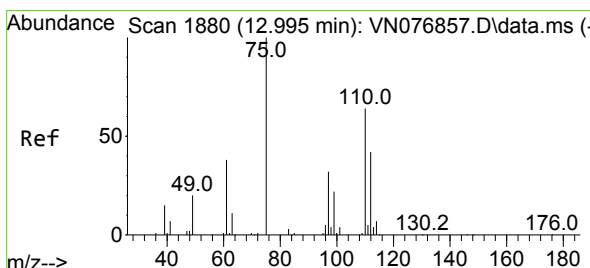
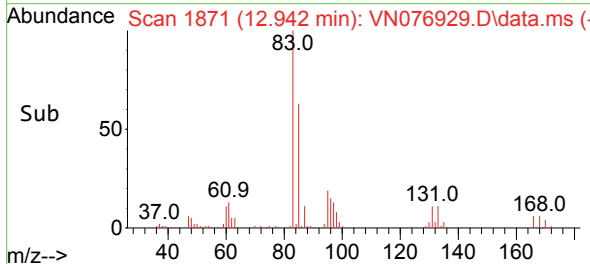
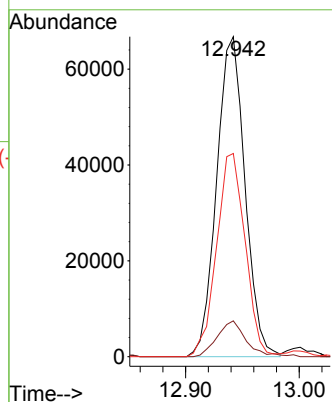
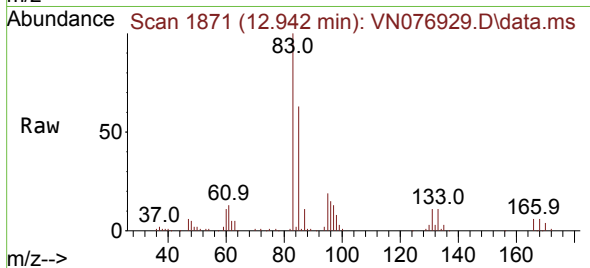
Tgt Ion: 83 Resp: 115860

Ion Ratio Lower Upper

83 100

131 11.5 5.3 16.1

85 63.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 25.607 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN076929.D

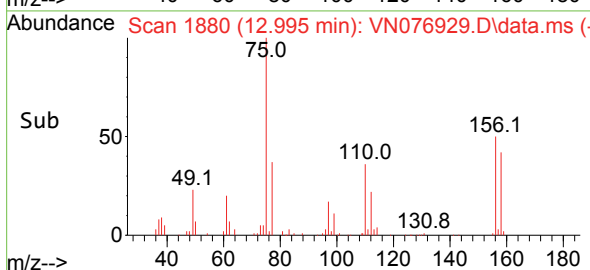
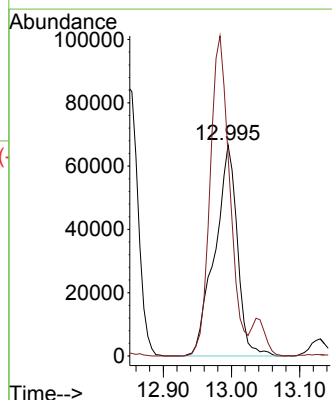
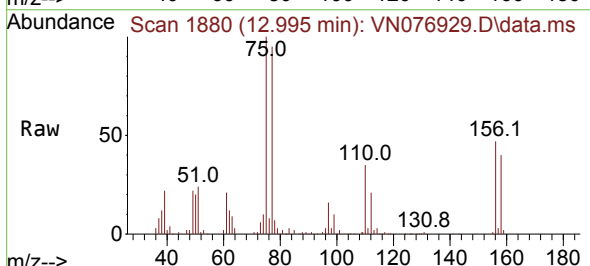
Acq: 10 Mar 2023 17:03

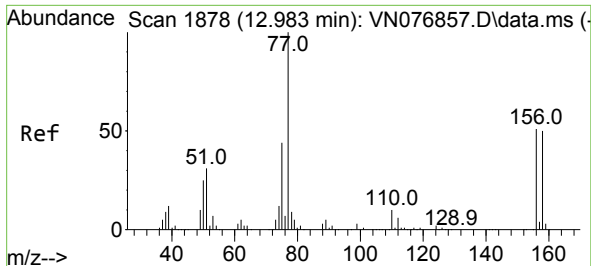
Tgt Ion: 75 Resp: 153358

Ion Ratio Lower Upper

75 100

77 132.5 93.8 281.4

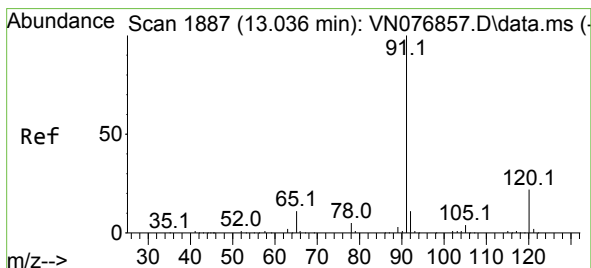
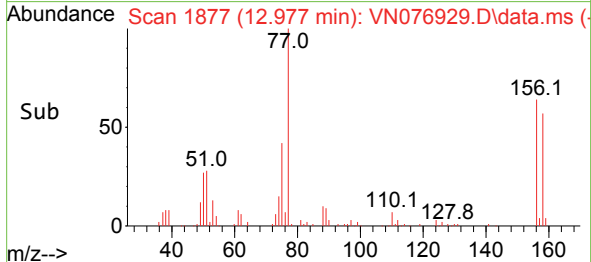
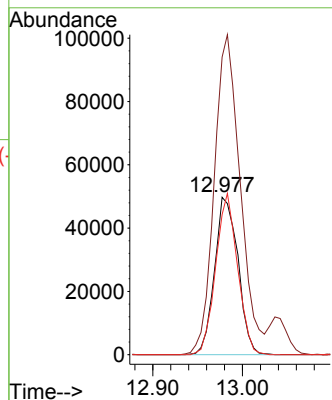
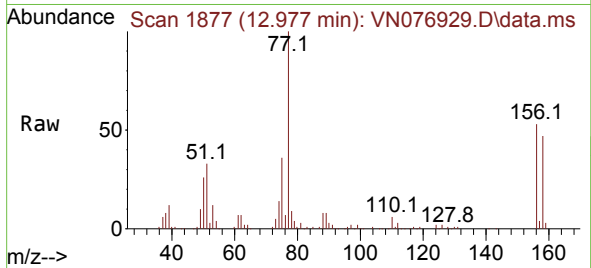




#77
Bromobenzene
Concen: 18.290 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

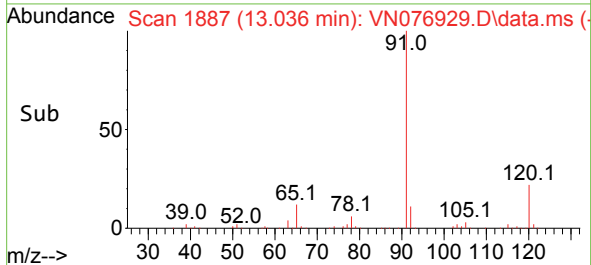
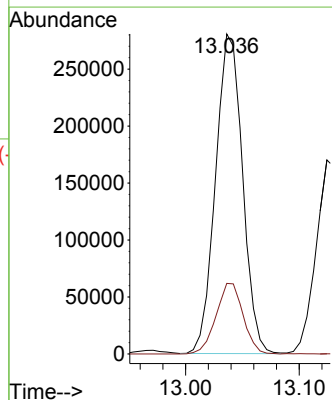
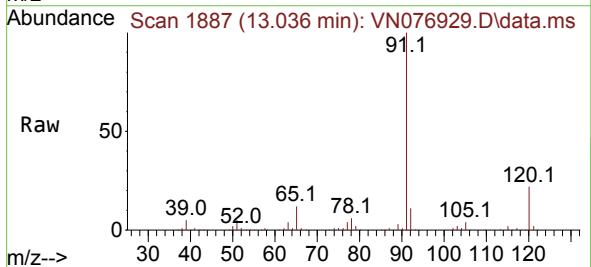
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

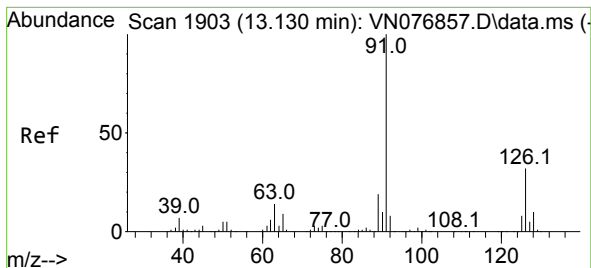
Tgt Ion:156 Resp: 90001
Ion Ratio Lower Upper
156 100
77 225.8 101.3 303.7
158 95.7 48.9 146.7



#78
n-propylbenzene
Concen: 18.918 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 91 Resp: 463699
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.7





#79

2-Chlorotoluene

Concen: 18.682 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

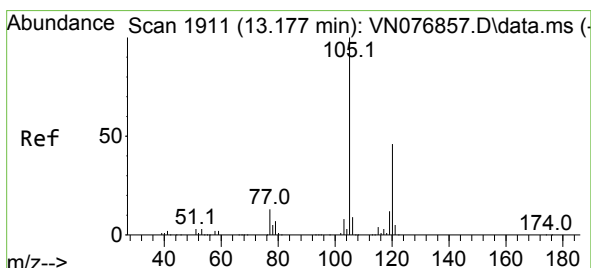
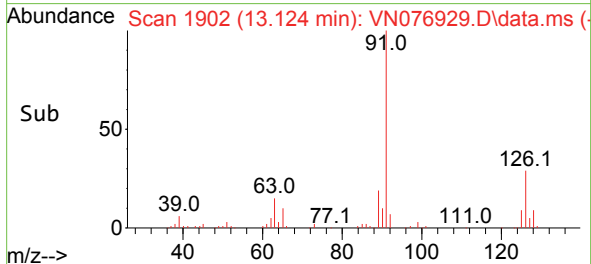
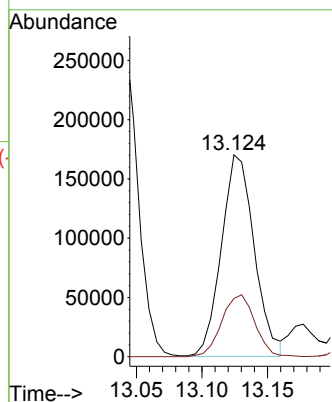
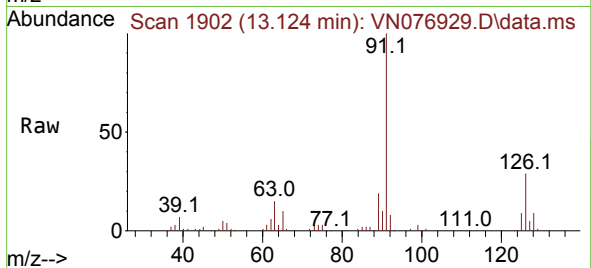
VN0310WBS01

Tgt Ion: 91 Resp: 296946

Ion Ratio Lower Upper

91 100

126 30.9 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 19.302 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN076929.D

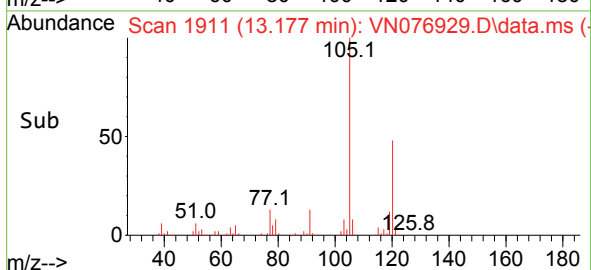
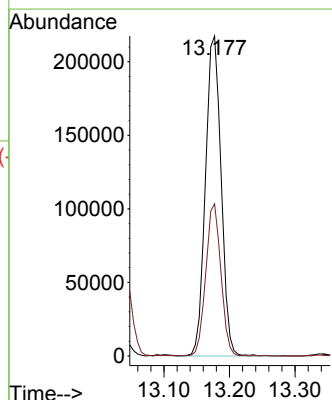
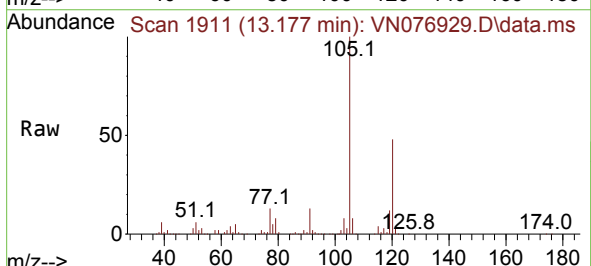
Acq: 10 Mar 2023 17:03

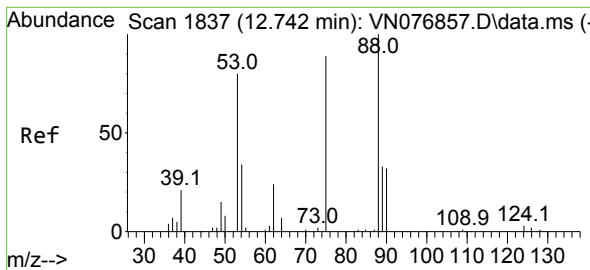
Tgt Ion:105 Resp: 361904

Ion Ratio Lower Upper

105 100

120 45.9 25.2 75.6

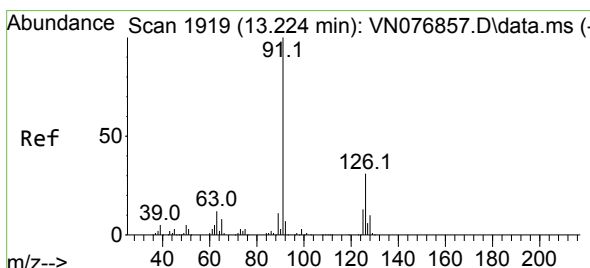
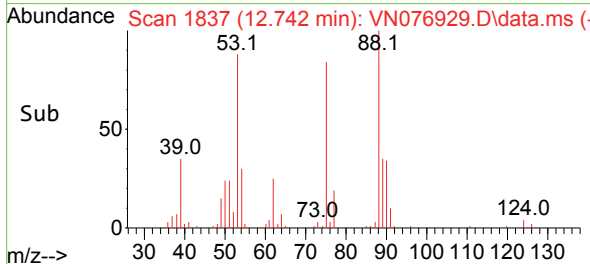
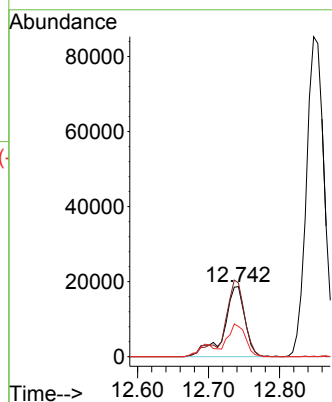
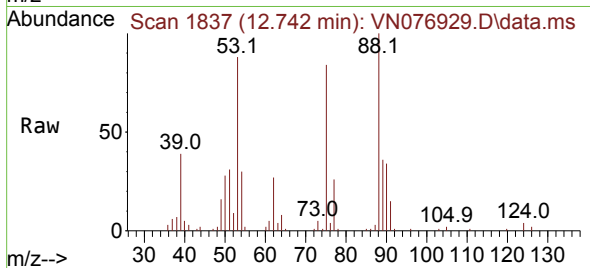




#81
trans-1,4-Dichloro-2-butene
Concen: 20.887 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

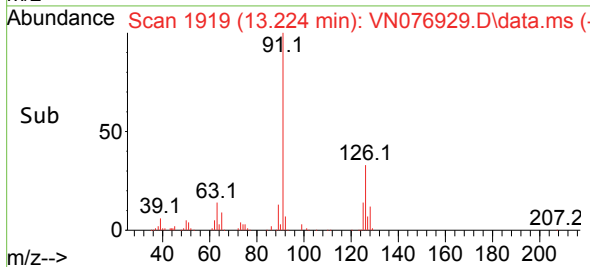
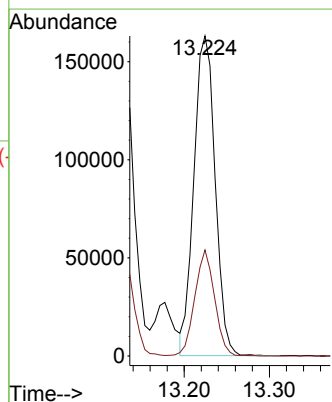
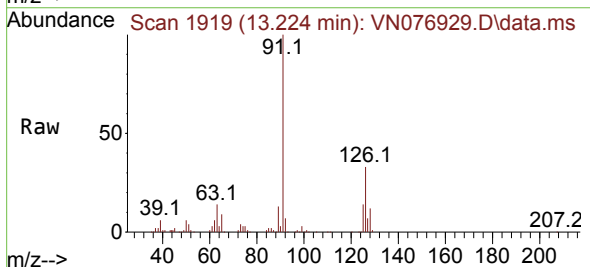
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

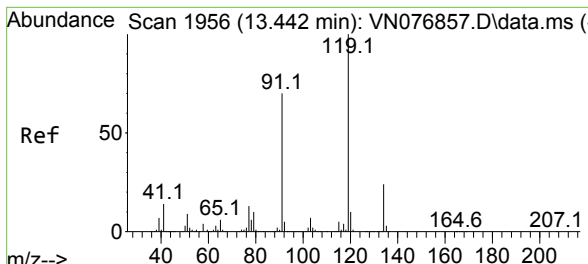
Tgt Ion: 75 Resp: 38295
Ion Ratio Lower Upper
75 100
53 103.9 67.4 101.0#
89 38.1 39.5 59.3#



#82
4-Chlorotoluene
Concen: 18.743 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 91 Resp: 281507
Ion Ratio Lower Upper
91 100
126 31.0 18.0 54.0



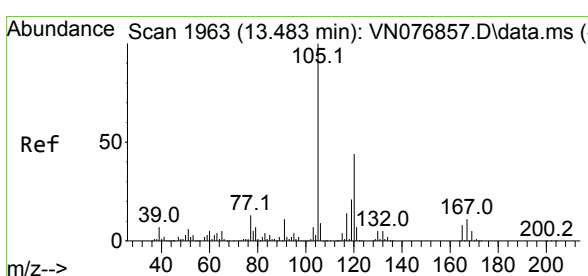
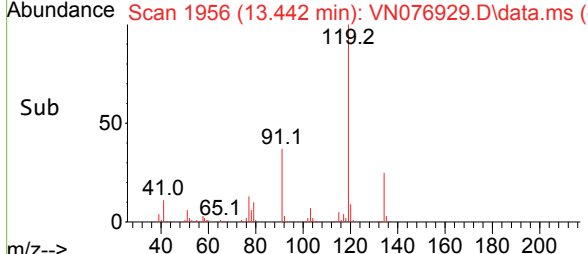
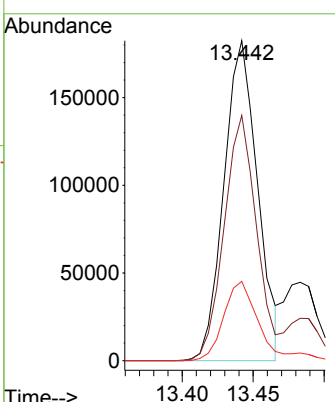
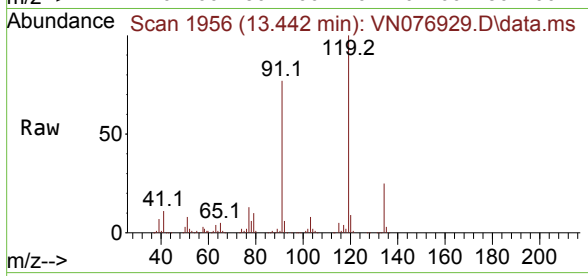


#83
 tert-Butylbenzene
 Concen: 18.889 ug/l
 RT: 13.442 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tgt Ion:119 Resp: 300876

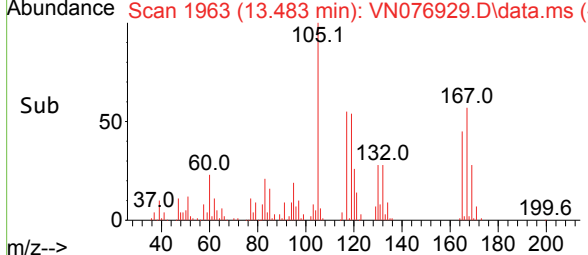
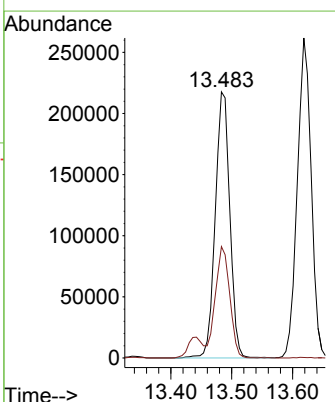
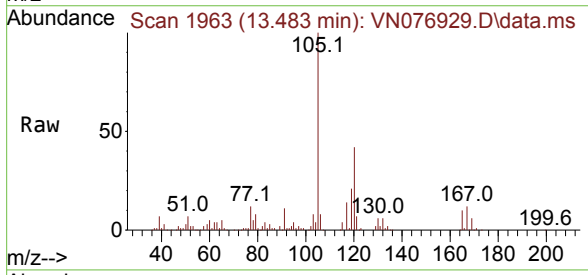
Ion	Ratio	Lower	Upper
119	100		
91	75.4	31.9	95.5
134	26.3	13.8	41.4

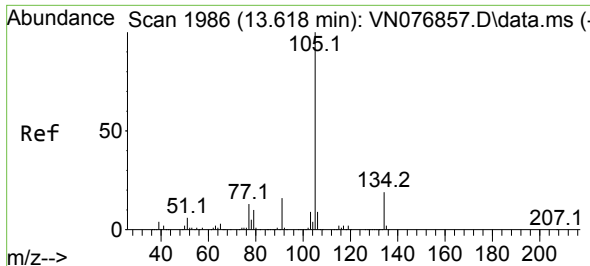


#84
 1,2,4-Trimethylbenzene
 Concen: 19.255 ug/l
 RT: 13.483 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

Tgt Ion:105 Resp: 361202

Ion	Ratio	Lower	Upper
105	100		
120	41.0	23.6	70.8

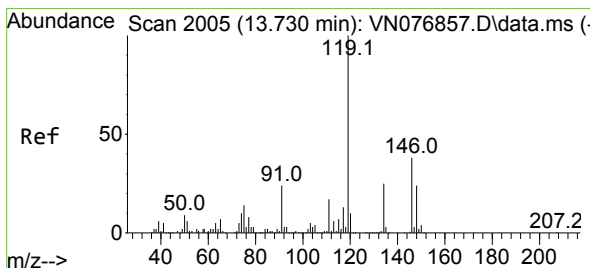
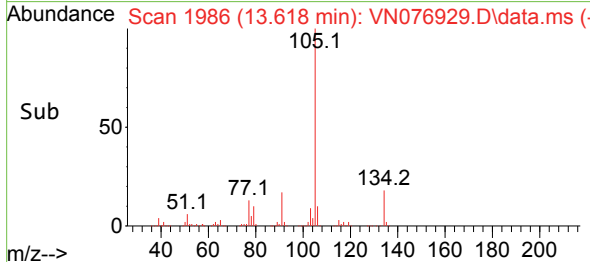
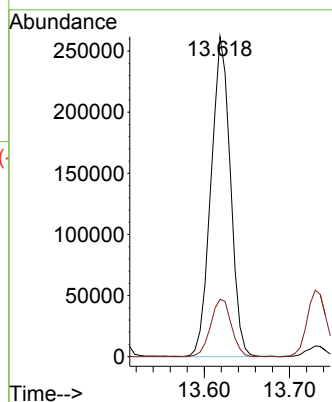
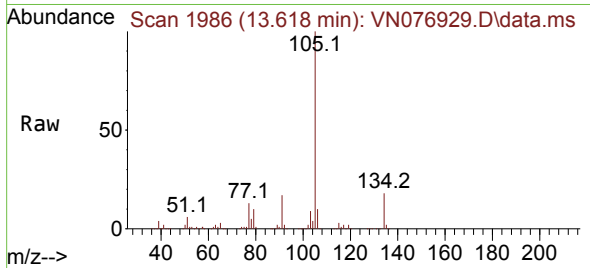




#85
 sec-Butylbenzene
 Concen: 18.972 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

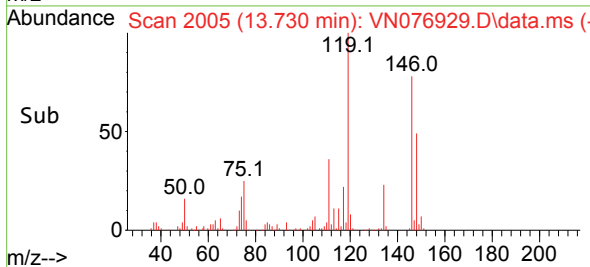
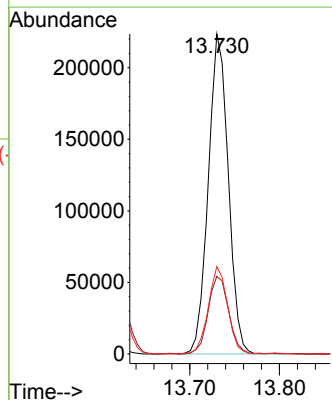
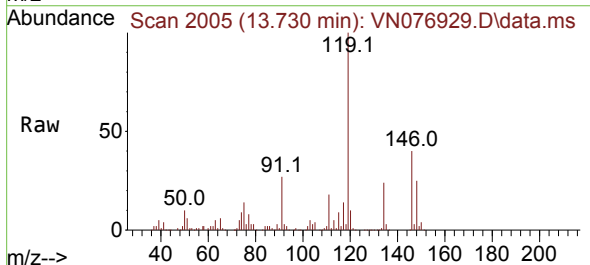
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

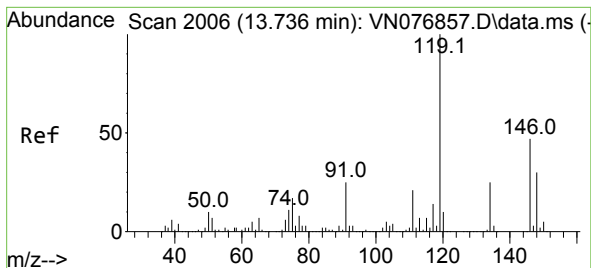
Tgt Ion:105 Resp: 414238
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.626 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

Tgt Ion:119 Resp: 346052
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.5 40.5
 91 26.4 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.311 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

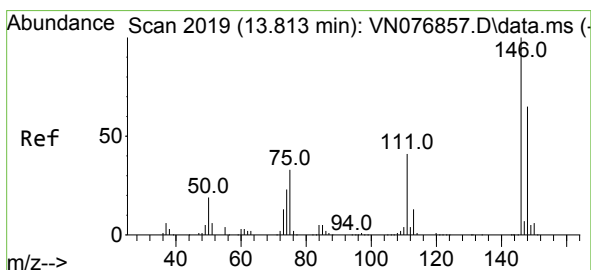
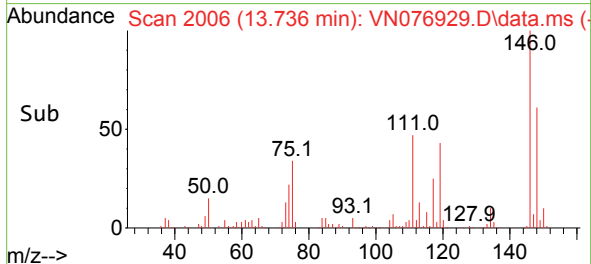
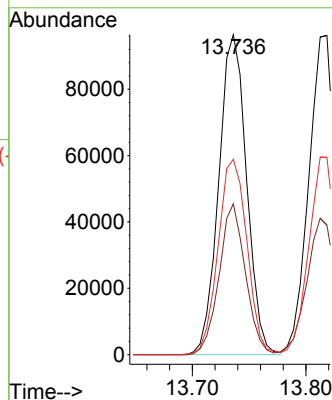
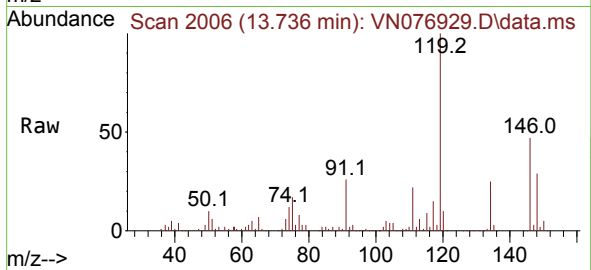
Tgt Ion:146 Resp: 164217

Ion Ratio Lower Upper

146 100

111 44.6 20.4 61.2

148 63.5 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 18.148 ug/l

RT: 13.818 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VN076929.D

Acq: 10 Mar 2023 17:03

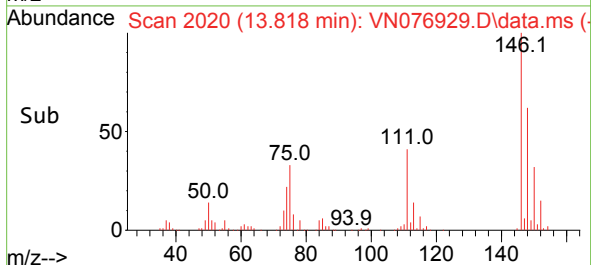
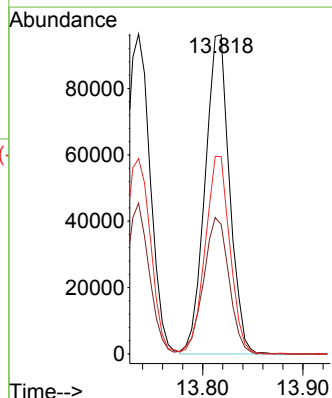
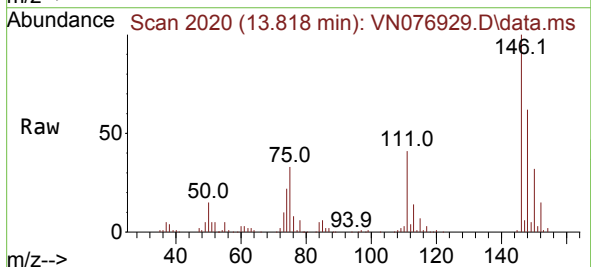
Tgt Ion:146 Resp: 163268

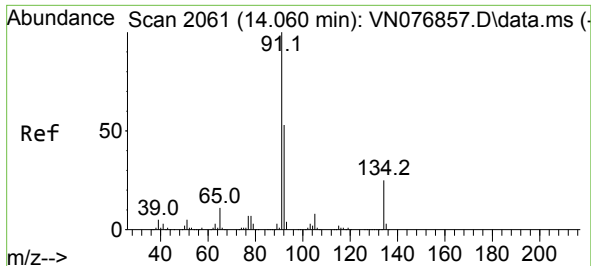
Ion Ratio Lower Upper

146 100

111 44.4 20.0 60.0

148 62.6 31.8 95.4

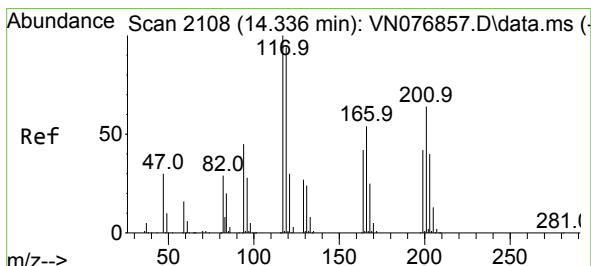
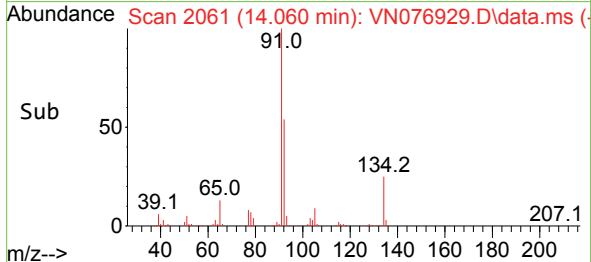
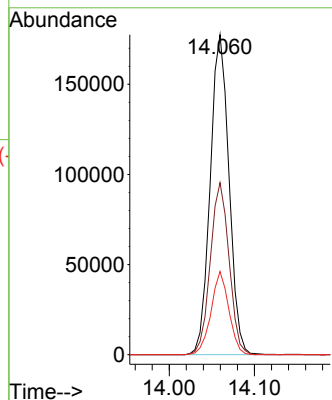
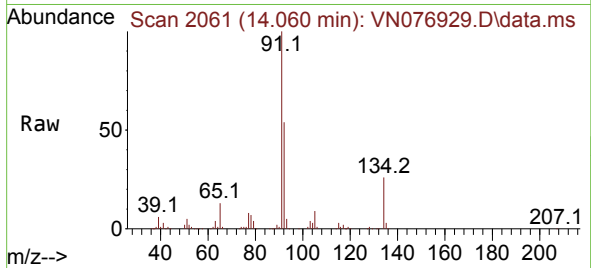




#89
n-Butylbenzene
Concen: 18.460 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

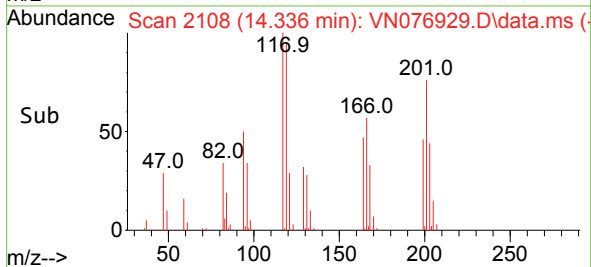
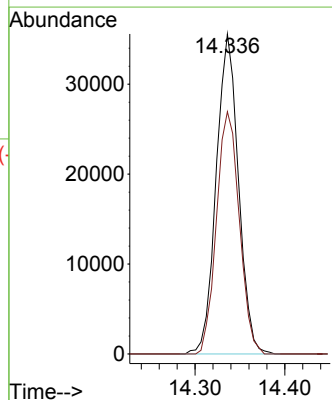
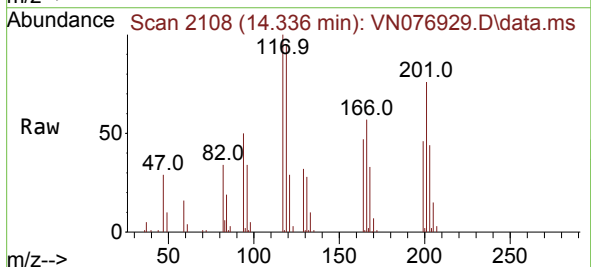
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

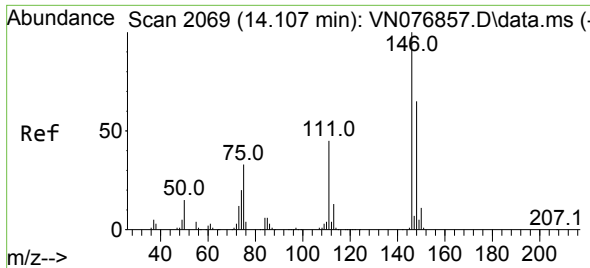
Tgt Ion: 91 Resp: 271607
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.7
134 24.7 13.6 40.7



#90
Hexachloroethane
Concen: 18.068 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion: 117 Resp: 61214
Ion Ratio Lower Upper
117 100
201 77.7 31.9 95.7

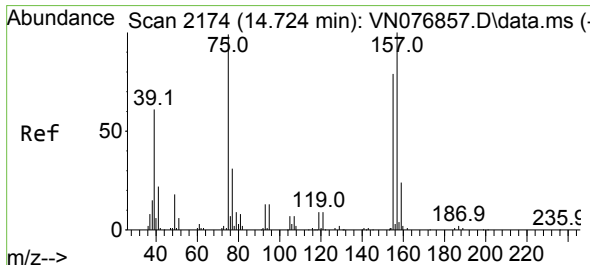
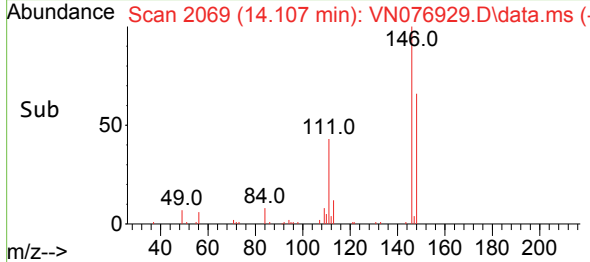
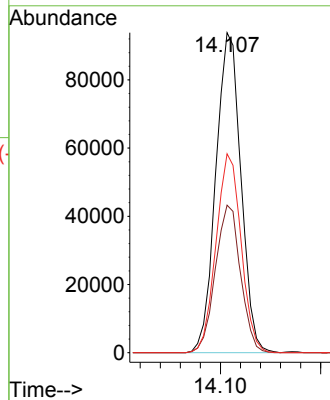
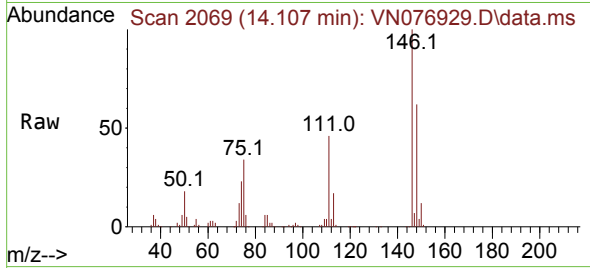




#91
 1,2-Dichlorobenzene
 Concen: 18.076 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

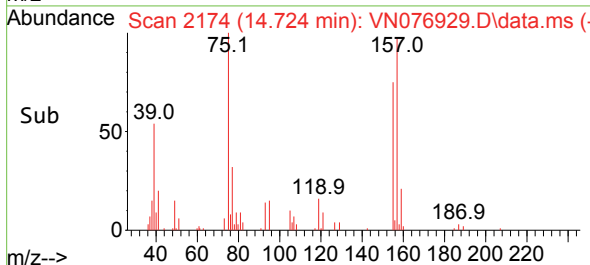
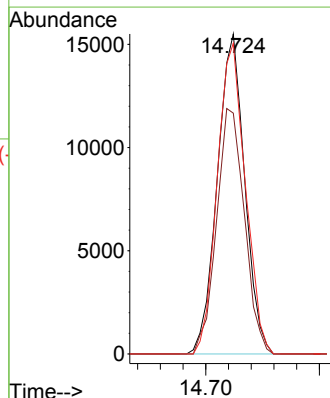
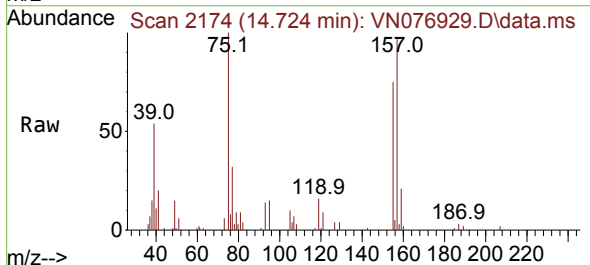
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

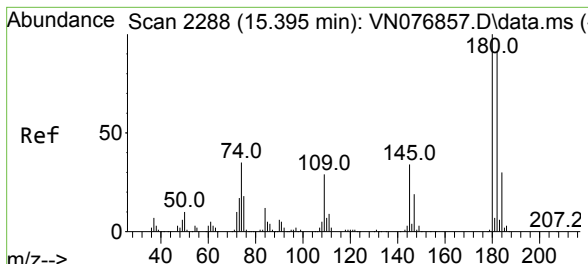
Tgt Ion:146 Resp: 162851
 Ion Ratio Lower Upper
 146 100
 111 46.3 21.4 64.2
 148 62.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.141 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. -0.000 min
 Lab File: VN076929.D
 Acq: 10 Mar 2023 17:03

Tgt Ion: 75 Resp: 25941
 Ion Ratio Lower Upper
 75 100
 155 78.1 44.3 132.8
 157 99.4 58.3 174.8

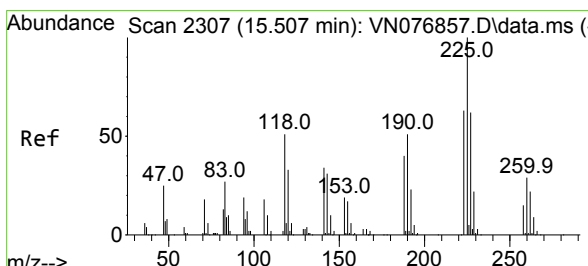
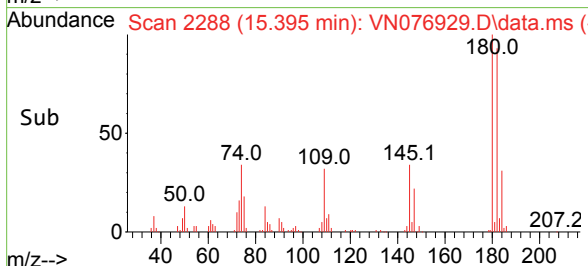
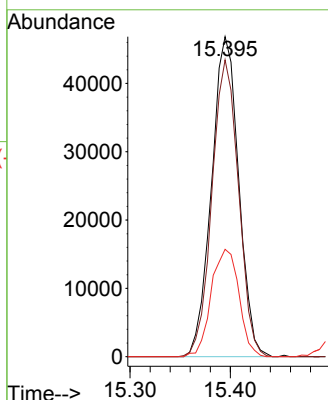
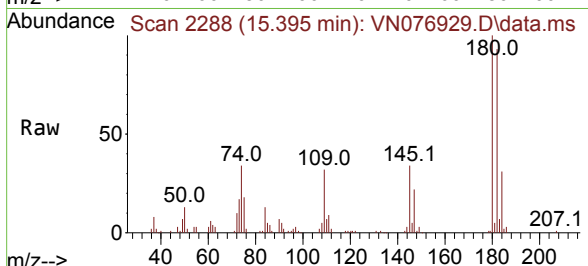




#93
1,2,4-Trichlorobenzene
Concen: 17.574 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

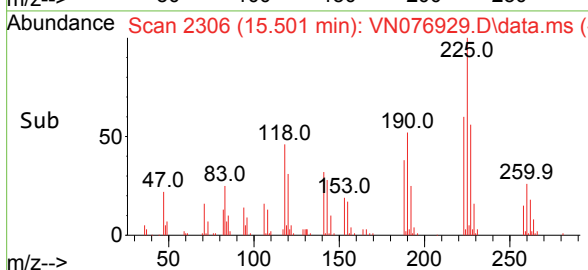
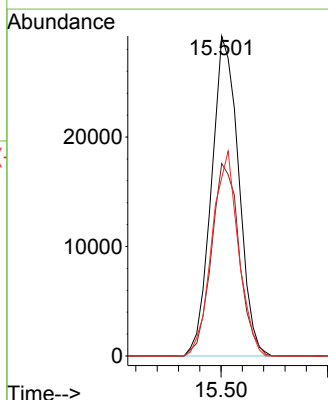
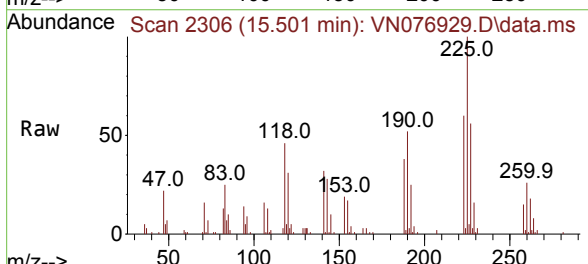
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

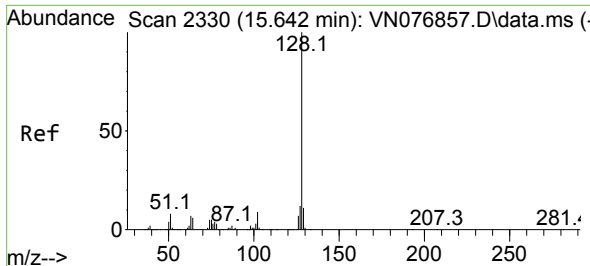
Tgt Ion:180	Resp:	88006
Ion Ratio	Lower	Upper
180	100	
182	90.7	47.4 142.2
145	34.3	15.8 47.3



#94
Hexachlorobutadiene
Concen: 19.370 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion:225	Resp:	51680
Ion Ratio	Lower	Upper
225	100	
223	61.6	31.4 94.0
227	62.3	30.9 92.7

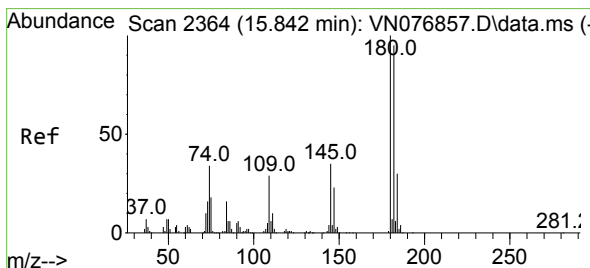
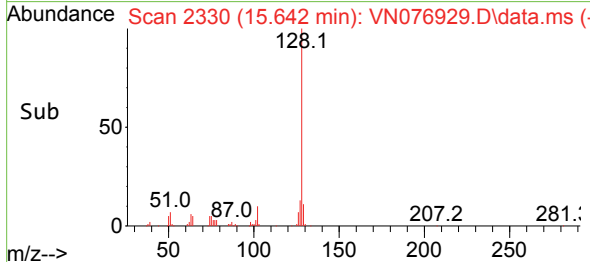
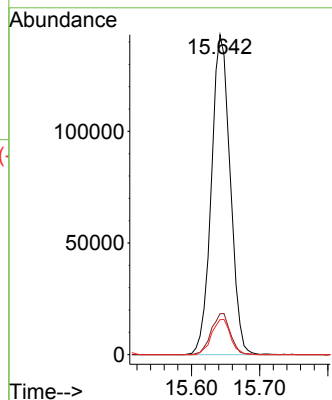
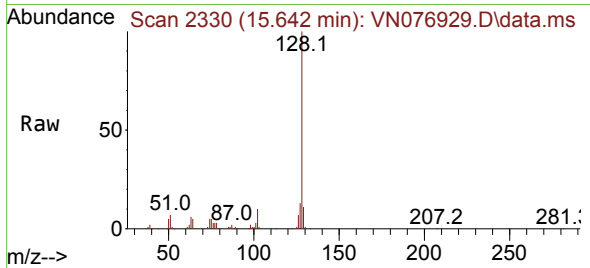




#95
Naphthalene
Concen: 18.508 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tgt Ion:128 Resp: 275938
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.990 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076929.D
Acq: 10 Mar 2023 17:03

Tgt Ion:180 Resp: 87484
Ion Ratio Lower Upper
180 100
182 94.3 47.7 143.1
145 38.7 17.0 51.0

