

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076602.D
 Acq On : 10 Feb 2023 11:35
 Operator : JC\MD
 Sample : VN0210WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01

Quant Time: Feb 11 00:53:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.822	128	30727	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.104	114	219859	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.869	117	238281	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.581	65	103754	28.649	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.500%
60) 4-Bromofluorobenzene	12.851	95	150101	27.903	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.000%
63) Toluene-d8	10.569	98	254577	29.097	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.140	85	75034	17.643	ug/l	93
3) Chloromethane	2.375	50	79151	15.478	ug/l	99
4) Vinyl Chloride	2.528	62	69440	15.552	ug/l	98
5) Bromomethane	2.963	94	40192	17.930	ug/l	89
6) Chloroethane	3.134	64	36712	15.326	ug/l #	87
7) Trichlorofluoromethane	3.510	101	139103	18.347	ug/l	92
8) Diethyl Ether	3.975	74	45772	19.034	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.387	101	72442	19.849	ug/l	76
10) 1,1-Dichloroethene	4.351	96	63376	18.479	ug/l	84
11) Methyl Iodide	4.599	142	96084	19.283	ug/l	81
12) Methyl Acetate	5.046	43	125649	17.458	ug/l #	86
13) Acrolein	4.193	56	92092	99.899	ug/l	98
14) Acrylonitrile	5.728	53	184458	87.479	ug/l	98
15) Acetone	4.440	58	55793	91.640	ug/l #	58
16) Carbon Disulfide	4.722	76	181851	19.293	ug/l #	94
17) Allyl chloride	5.040	41	117238	17.731	ug/l	91
18) Methylene Chloride	5.293	84	76806	18.925	ug/l	96
19) trans-1,2-Dichloroethene	5.804	96	68619	19.476	ug/l	92
20) Diisopropyl ether	6.687	45	262623	17.401	ug/l	95
21) 1,1-Dichloroethane	6.581	63	146603	17.813	ug/l	97
22) cis-1,2-Dichloroethene	7.492	96	79237	18.769	ug/l	90
23) tert-Butyl Alcohol	5.522	59	65414	92.449	ug/l #	100
24) Methyl tert-Butyl Ether	5.810	73	240161	19.443	ug/l	96
25) Chloroform	7.969	83	147398	18.099	ug/l	93
26) Cyclohexane	8.269	56	127686	17.483	ug/l #	95
29) 1,1-Dichloropropene	8.375	75	110504	19.418	ug/l	95
30) 2-Butanone	7.492	43	280981	91.471	ug/l	96
31) 2,2-Dichloropropane	7.492	77	118341	20.028	ug/l #	76
32) 1,1,1-Trichloroethane	8.175	97	133107	18.852	ug/l	99
33) Carbon Tetrachloride	8.363	117	116001	19.044	ug/l	91
34) Benzene	8.616	78	308061	17.618	ug/l #	90
35) Methacrylonitrile	7.787	41	65835	18.639	ug/l	88
36) 1,2-Dichloroethane	8.675	62	124043	18.499	ug/l	95
37) Trichloroethene	9.357	130	71200	19.887	ug/l	85
38) Methylcyclohexane	9.604	83	129103	20.496	ug/l	92
39) 1,2-Dichloropropane	9.628	63	83363	19.977	ug/l	98
40) Dibromomethane	9.710	93	53186	19.374	ug/l	95
41) Bromodichloromethane	9.892	83	113688	19.696	ug/l #	92
42) Vinyl Acetate	6.616	43	793880	79.454	ug/l	100

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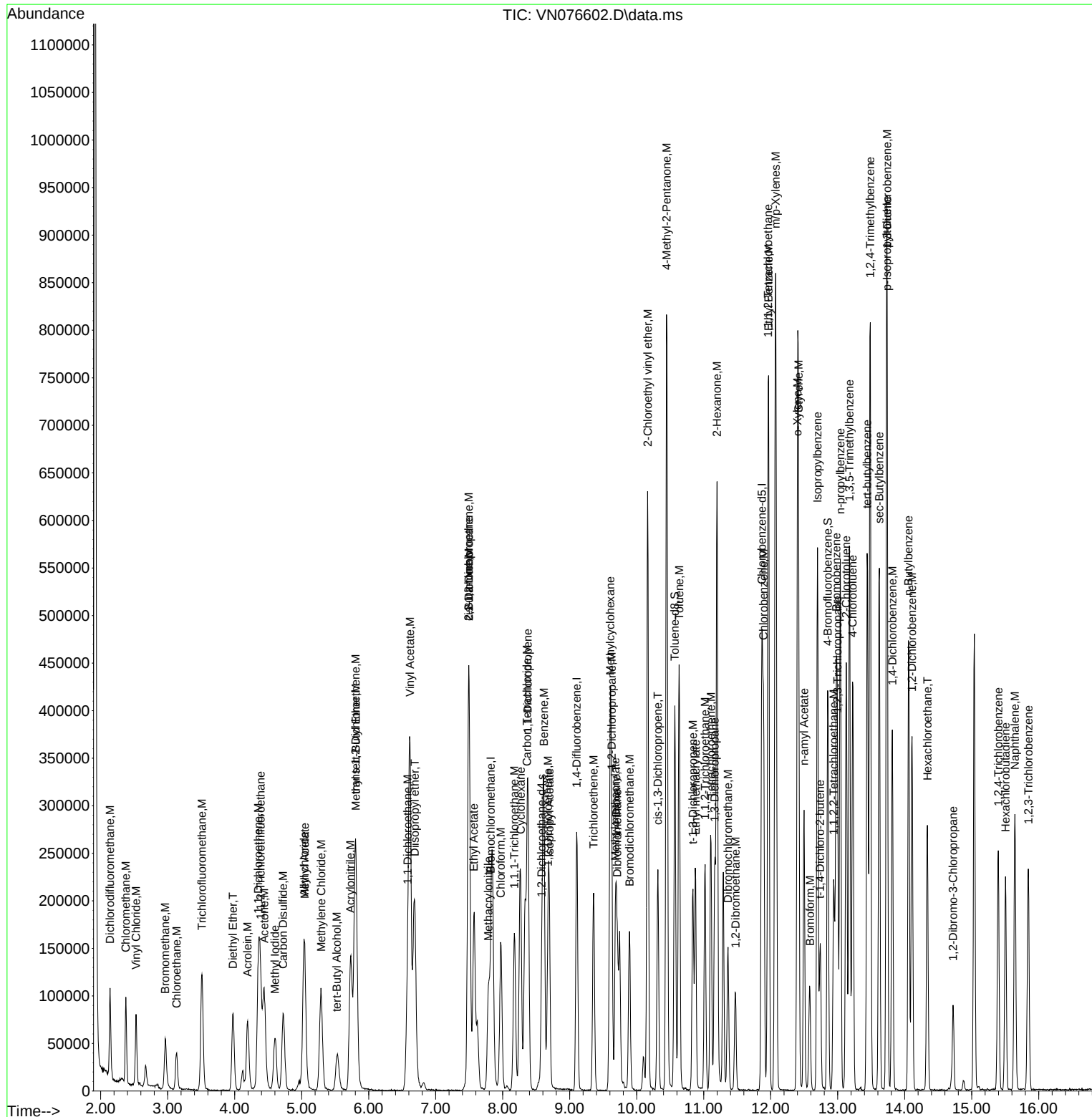
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.569	43	96880	15.467	ug/l	98
44) Isopropyl Acetate	8.698	43	181604	17.626	ug/l	96
45) 1,4-Dioxane	9.692	88	33840	402.898	ug/l	94
46) Methyl methacrylate	9.681	41	90078	18.132	ug/l	93
47) n-amyl Acetate	12.498	43	162121	18.512	ug/l	94
48) t-1,3-Dichloropropene	10.839	75	113599	19.551	ug/l	100
49) cis-1,3-Dichloropropene	10.316	75	126614	19.712	ug/l	96
50) 1,1,2-Trichloroethane	11.022	97	72653	19.487	ug/l	93
51) Ethyl methacrylate	10.880	69	114656	19.368	ug/l	97
52) 1,3-Dichloropropane	11.163	76	132407	19.052	ug/l	99
53) Dibromochloromethane	11.363	129	75888	19.589	ug/l	100
54) 1,2-Dibromoethane	11.475	107	71044	18.831	ug/l	99
55) 2-Chloroethyl vinyl ether	10.163	63	266272	98.472	ug/l	99
56) Bromoform	12.586	173	50363	20.185	ug/l	97
58) 4-Methyl-2-Pentanone	10.445	43	560916	84.208	ug/l	97
59) 2-Hexanone	11.198	43	425899	87.938	ug/l	95
61) Tetrachloroethene	11.110	164	58169	19.097	ug/l	96
62) Toluene	10.633	91	325948	18.450	ug/l	100
64) Chlorobenzene	11.892	112	190413	18.606	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.963	131	73252	18.880	ug/l	96
66) Ethyl Benzene	11.969	91	367999	19.001	ug/l	100
67) m/p-Xylenes	12.075	106	278435	38.317	ug/l	95
68) o-Xylene	12.398	106	135967	18.993	ug/l	92
69) Styrene	12.416	104	220455	19.401	ug/l	95
70) Isopropylbenzene	12.698	105	353627	18.433	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.939	83	108758	16.260	ug/l	99
72) 1,2,3-Trichloropropane	12.998	75	142364	23.304	ug/l	64
73) Bromobenzene	12.980	156	76766	16.863	ug/l	98
74) n-propylbenzene	13.039	91	426057	17.316	ug/l	97
75) 2-Chlorotoluene	13.127	91	262792	16.979	ug/l	94
76) 1,3,5-Trimethylbenzene	13.174	105	313092	17.477	ug/l	96
77) t-1,4-Dichloro-2-butene	12.739	75	32493	17.634	ug/l	79
78) 4-Chlorotoluene	13.222	91	265188	17.040	ug/l	95
79) tert-butylbenzene	13.439	119	264595	17.400	ug/l	91
80) 1,2,4-Trimethylbenzene	13.486	105	308057	17.436	ug/l	95
81) sec-Butylbenzene	13.621	105	372043	17.473	ug/l	99
82) p-Isopropyltoluene	13.733	119	308864	18.053	ug/l	96
83) 1,3-Dichlorobenzene	13.739	146	143872	17.087	ug/l	97
84) 1,4-Dichlorobenzene	13.816	146	141864	16.887	ug/l	96
85) n-Butylbenzene	14.057	91	264052	16.620	ug/l	99
86) Hexachloroethane	14.339	117	54356	16.363	ug/l	92
87) 1,2-Dichlorobenzene	14.110	146	146251	15.823	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.721	75	24767	18.166	ug/l	82
89) 1,2,4-Trichlorobenzene	15.398	180	76596	19.870	ug/l	98
90) Hexachlorobutadiene	15.504	225	38302	20.568	ug/l	98
91) Naphthalene	15.645	128	247788	18.840	ug/l	100
92) 1,2,3-Trichlorobenzene	15.845	180	74671	19.408	ug/l	97

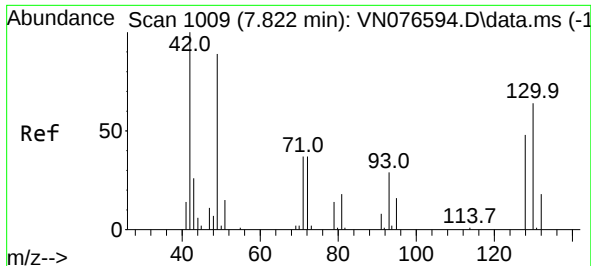
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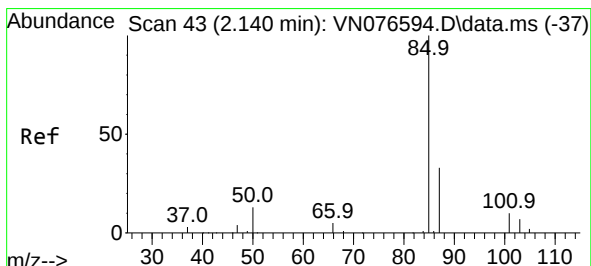
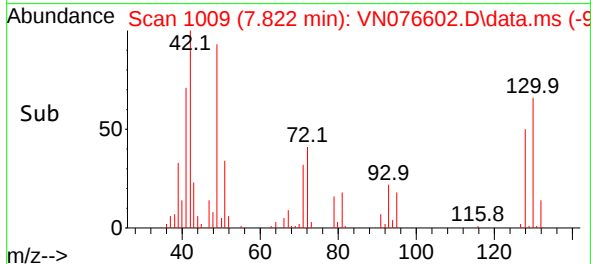
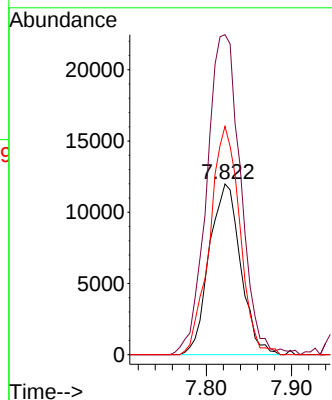
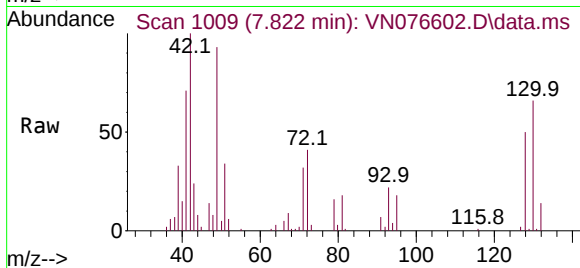




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.822 min Scan# 1009
Delta R.T. -0.008 min
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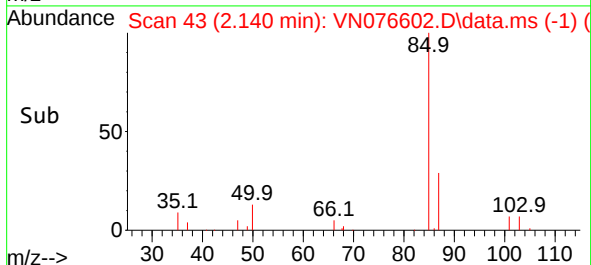
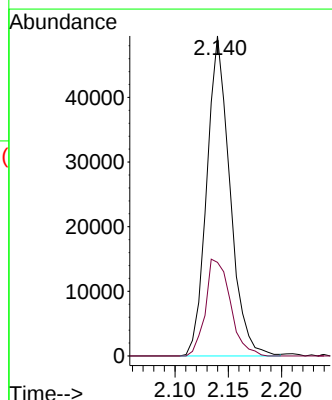
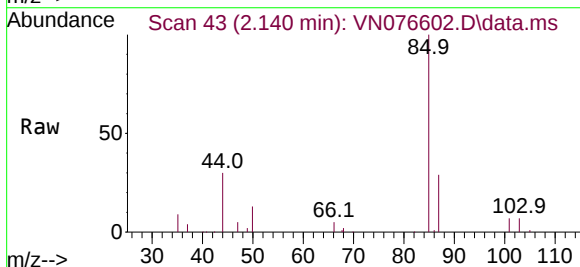
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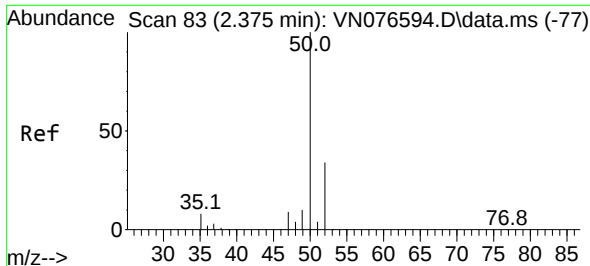
Tgt Ion:128 Resp: 30727
Ion Ratio Lower Upper
128 100
49 200.8 0.0 492.0
130 126.6 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 17.643 ug/l
RT: 2.140 min Scan# 43
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 85 Resp: 75034
Ion Ratio Lower Upper
85 100
87 29.3 16.7 50.1

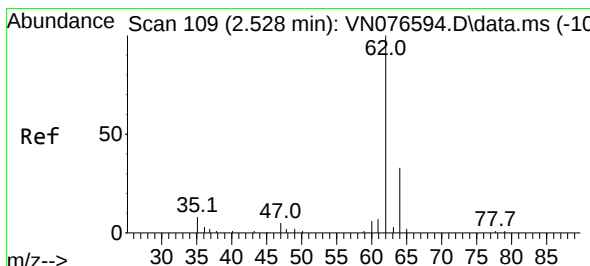
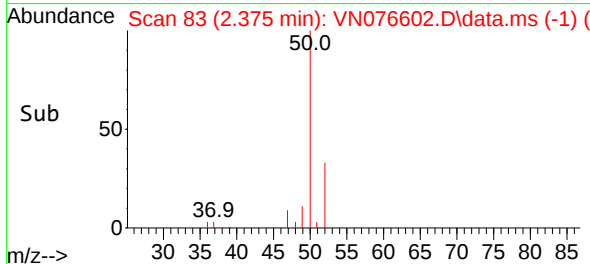
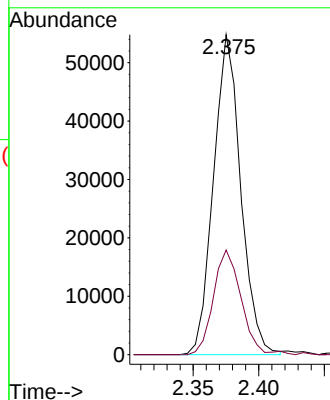
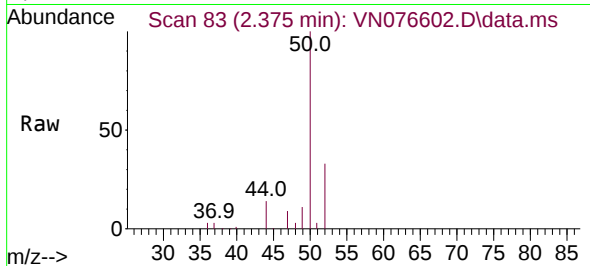




#3
Chloromethane
Concen: 15.478 ug/l
RT: 2.375 min Scan# 83
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

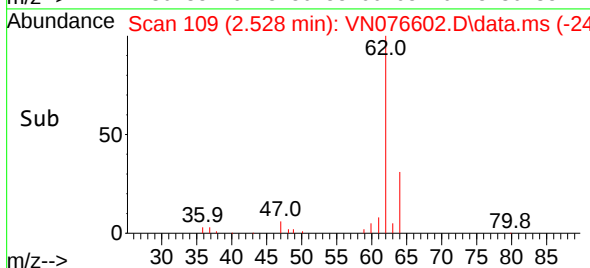
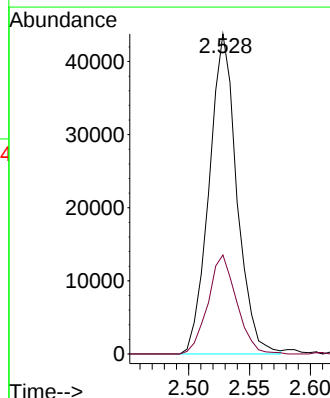
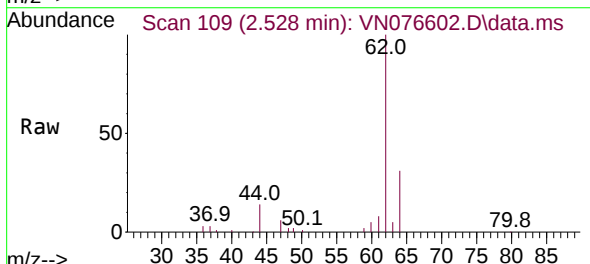
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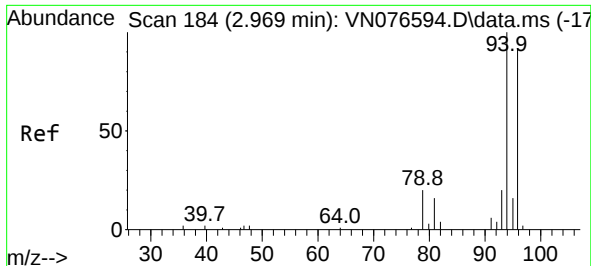
Tgt Ion: 50 Resp: 79151
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 15.552 ug/l
RT: 2.528 min Scan# 109
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 62 Resp: 69440
Ion Ratio Lower Upper
62 100
64 31.0 25.6 38.4

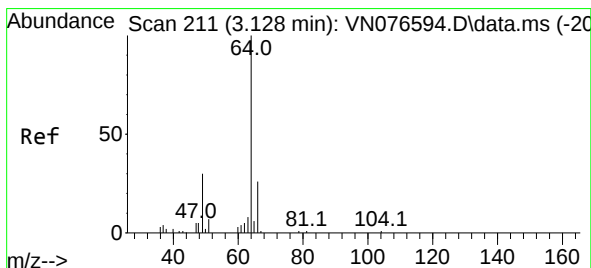
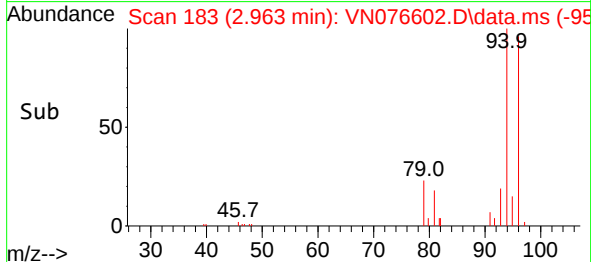
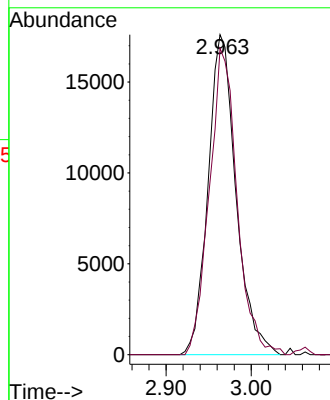
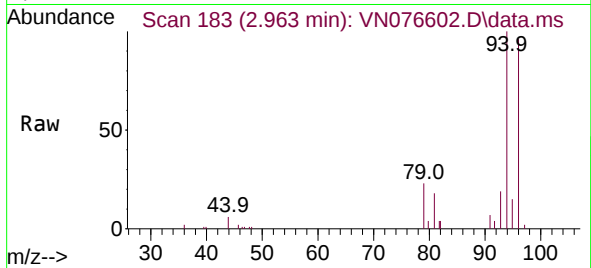




#5
Bromomethane
Concen: 17.930 ug/l
RT: 2.963 min Scan# 11
Delta R.T. 0.015 min
Lab File: VN076602.D
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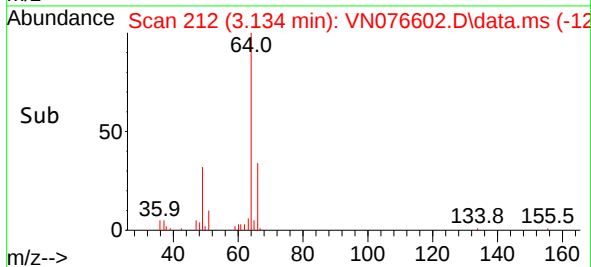
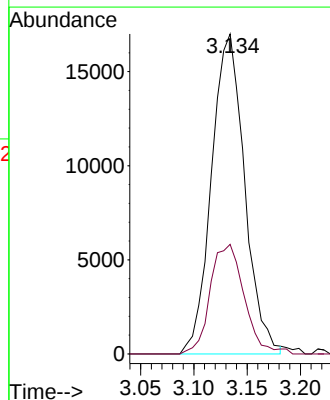
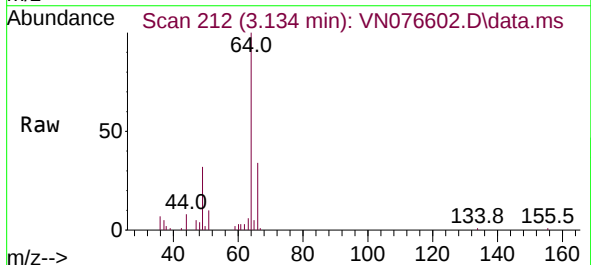
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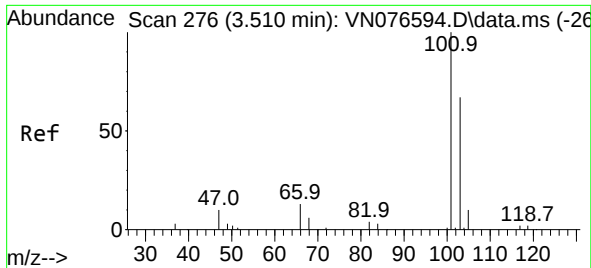
Tgt Ion: 94 Resp: 40192
Ion Ratio Lower Upper
94 100
96 95.7 68.3 102.5



#6
Chloroethane
Concen: 15.326 ug/l
RT: 3.134 min Scan# 212
Delta R.T. 0.010 min
Lab File: VN076602.D
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Tgt Ion: 64 Resp: 36712
Ion Ratio Lower Upper
64 100
66 34.2 21.8 32.8#

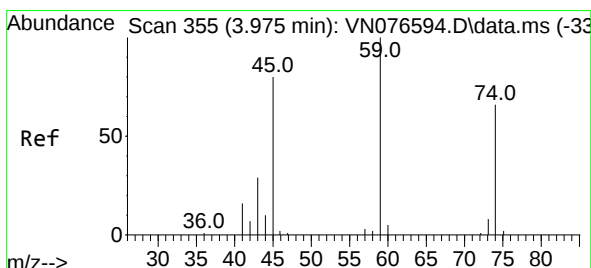
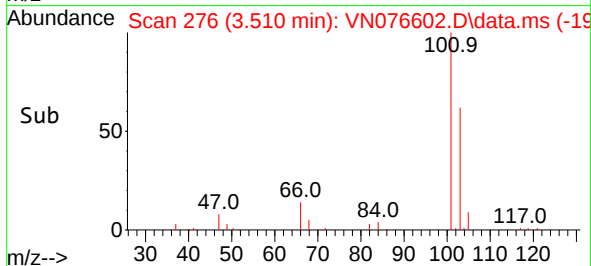
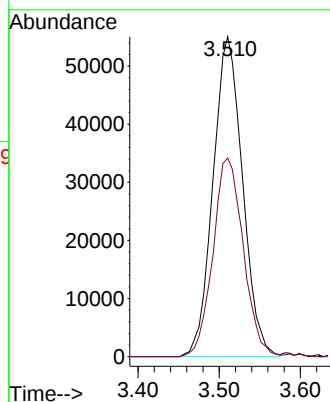
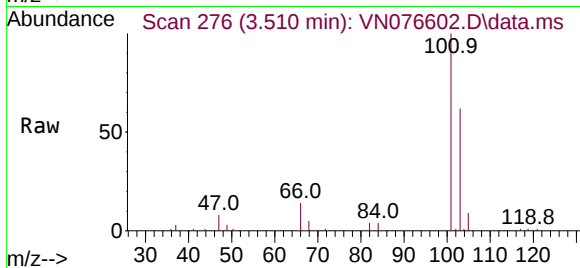




#7
 Trichlorofluoromethane
 Concen: 18.347 ug/l
 RT: 3.510 min Scan# 21
 Delta R.T. 0.004 min
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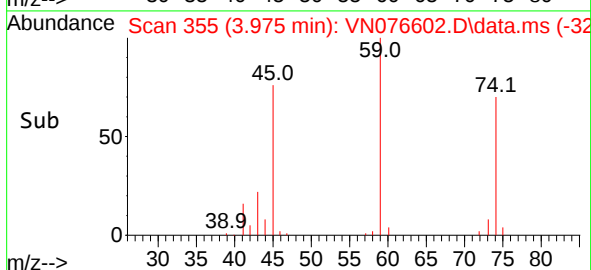
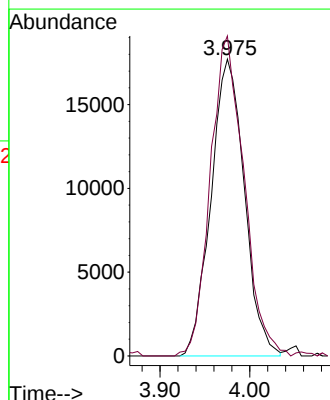
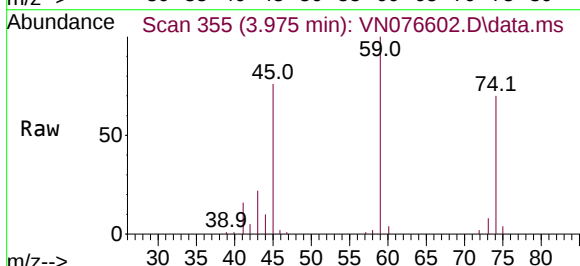
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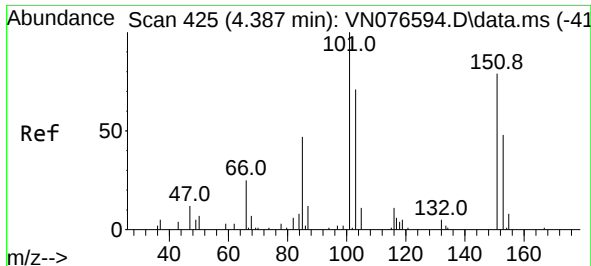
Tgt Ion:101 Resp: 139103
 Ion Ratio Lower Upper
 101 100
 103 62.1 54.8 82.2



#8
 Diethyl Ether
 Concen: 19.034 ug/l
 RT: 3.975 min Scan# 355
 Delta R.T. -0.014 min
 Lab File: VN076602.D
 Acq: 10 Feb 2023 11:35

Tgt Ion: 74 Resp: 45772
 Ion Ratio Lower Upper
 74 100
 45 108.3 19.0 171.0

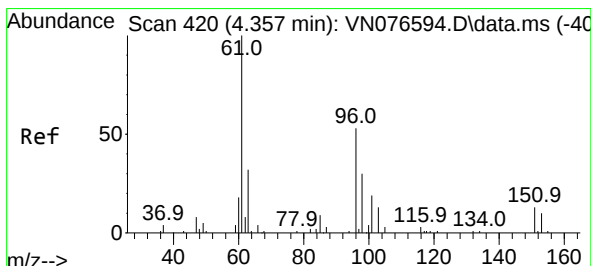
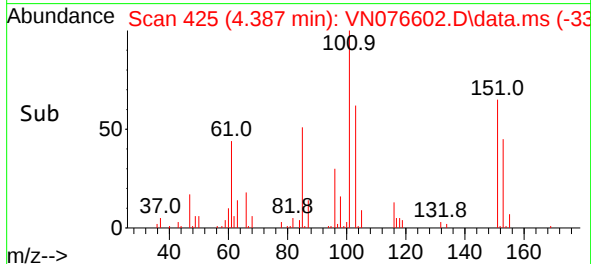
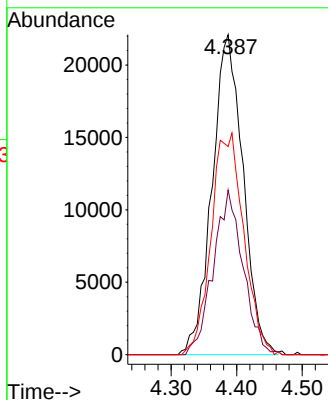
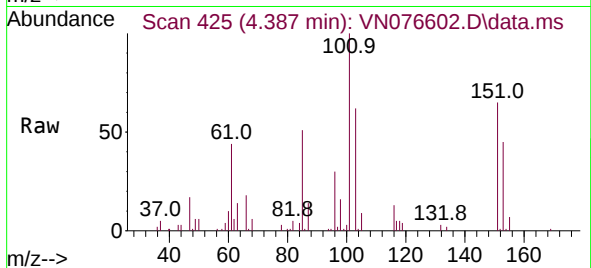




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.849 ug/l
 RT: 4.387 min Scan# 419
 Delta R.T. 0.004 min
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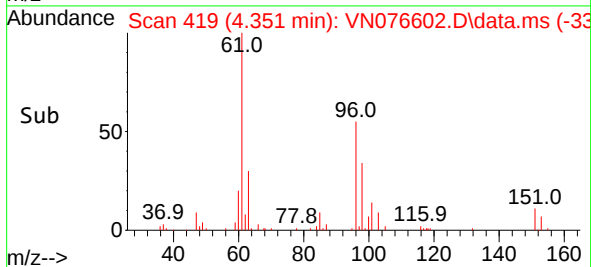
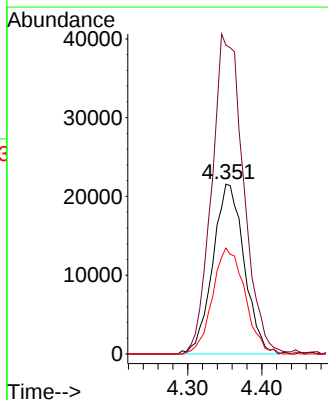
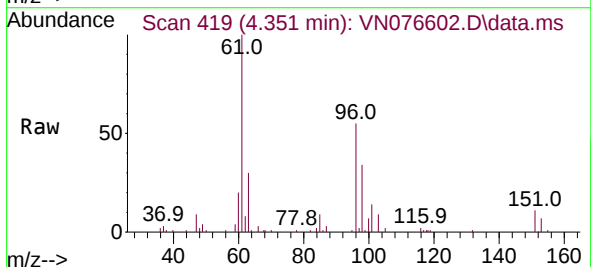
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 ClientSampleId :
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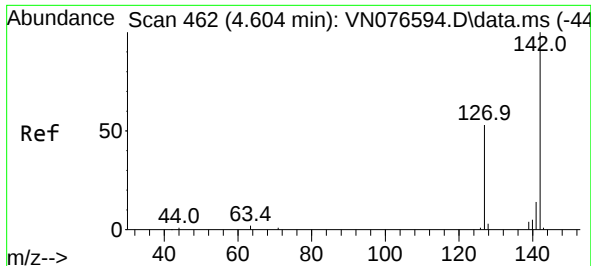
Tgt Ion:101 Resp: 72442
 Ion Ratio Lower Upper
 101 100
 85 49.3 0.0 94.6
 151 40.6 0.0 144.8



#10
 1,1-Dichloroethene
 Concen: 18.479 ug/l
 RT: 4.351 min Scan# 419
 Delta R.T. -0.008 min
 Lab File: VN076602.D
 Acq: 10 Feb 2023 11:35

Tgt Ion: 96 Resp: 63376
 Ion Ratio Lower Upper
 96 100
 61 182.0 125.5 188.3
 98 62.4 45.0 67.4

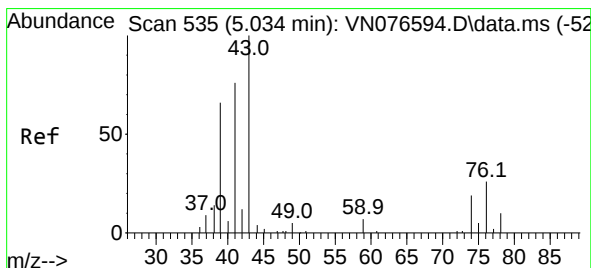
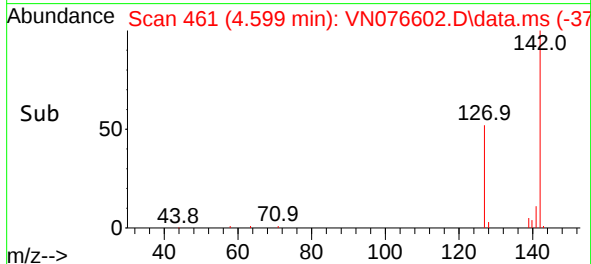
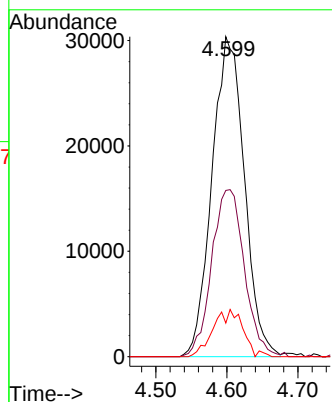
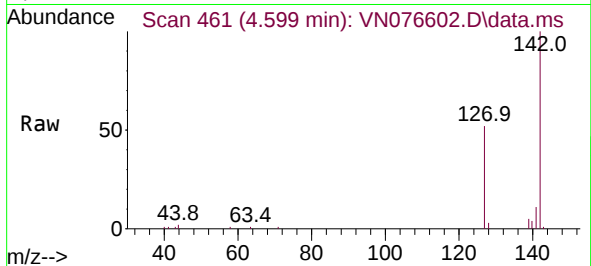




#11
Methyl Iodide
Concen: 19.283 ug/l
RT: 4.599 min Scan# 461
Delta R.T. -0.013 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

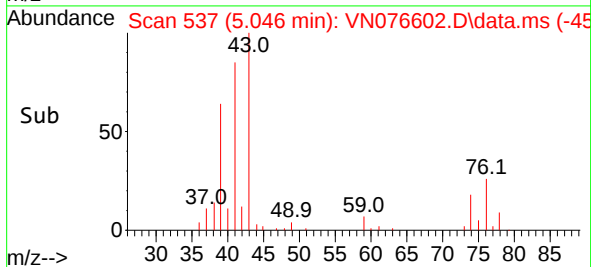
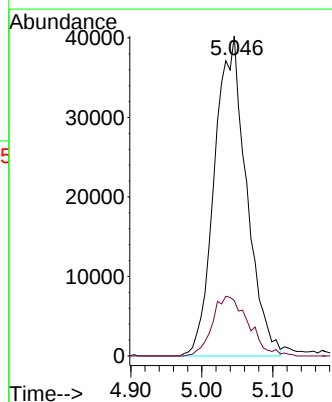
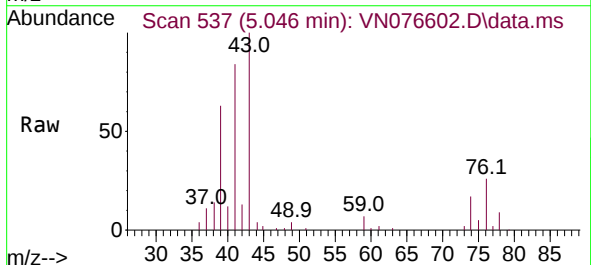
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

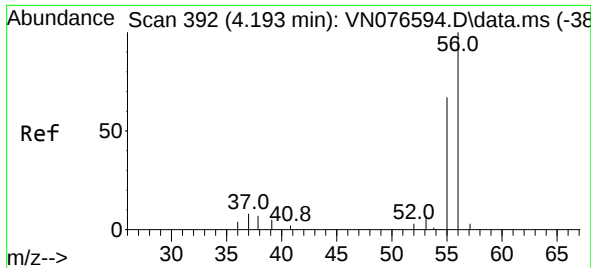
Tgt Ion:142 Resp: 96084
Ion Ratio Lower Upper
142 100
127 51.8 19.3 57.8
141 10.6 7.7 23.1



#12
Methyl Acetate
Concen: 17.458 ug/l
RT: 5.046 min Scan# 537
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 43 Resp: 125649
Ion Ratio Lower Upper
43 100
74 17.2 19.0 28.6#

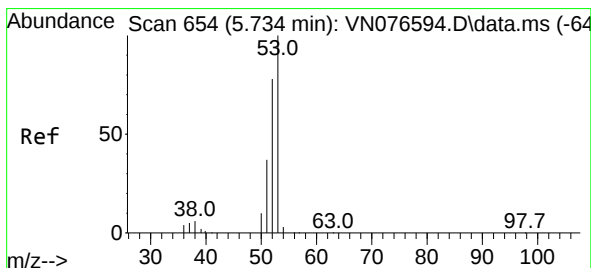
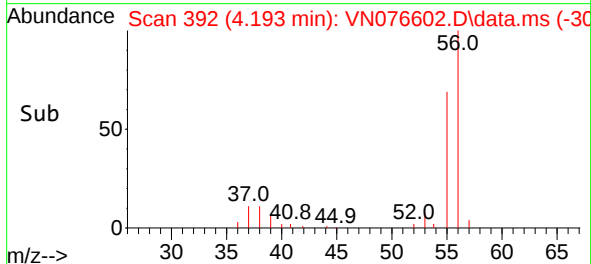
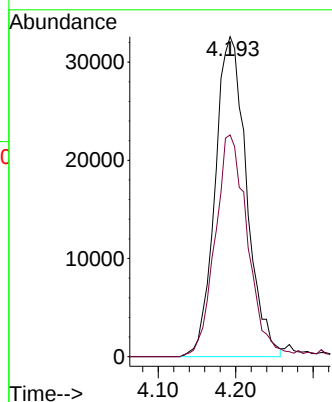
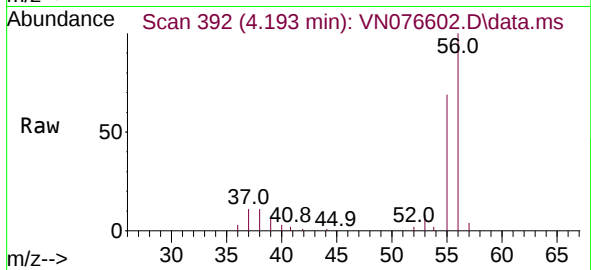




#13
Acrolein
Concen: 99.899 ug/l
RT: 4.193 min Scan# 392
Delta R.T. -0.013 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

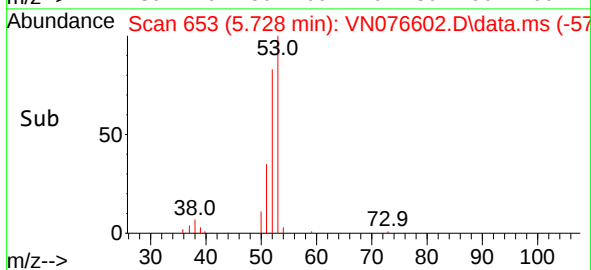
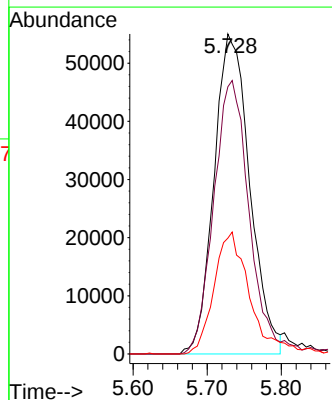
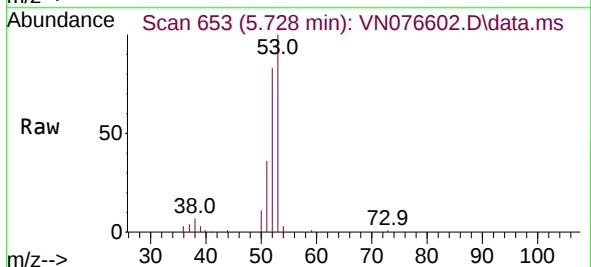
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

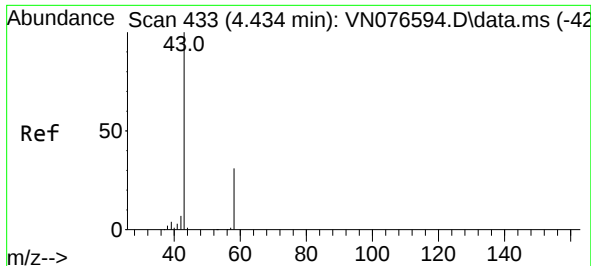
Tgt Ion: 56 Resp: 92092
Ion Ratio Lower Upper
56 100
55 71.5 56.2 84.2



#14
Acrylonitrile
Concen: 87.479 ug/l
RT: 5.728 min Scan# 653
Delta R.T. -0.014 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 53 Resp: 184458
Ion Ratio Lower Upper
53 100
52 83.4 40.8 122.4
51 35.3 17.0 51.0





#15

Acetone

Concen: 91.640 ug/l

RT: 4.440 min Scan# 41

Delta R.T. -0.013 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

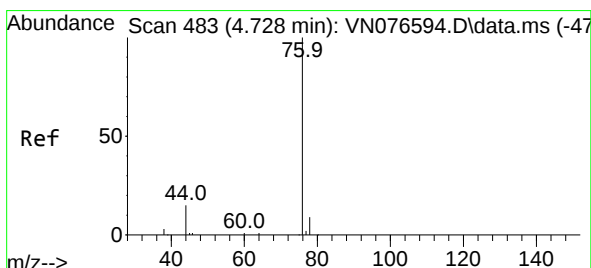
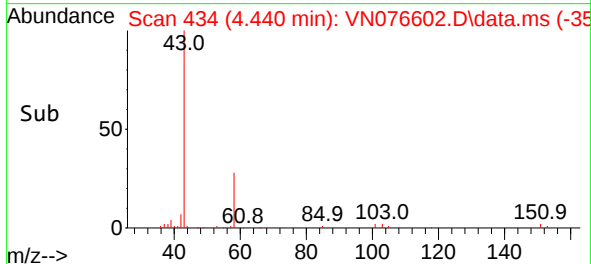
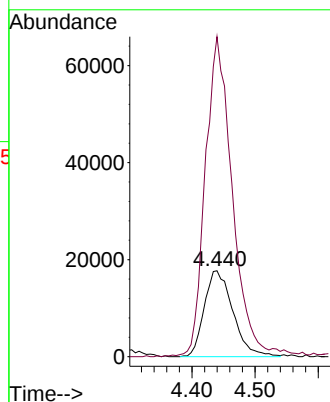
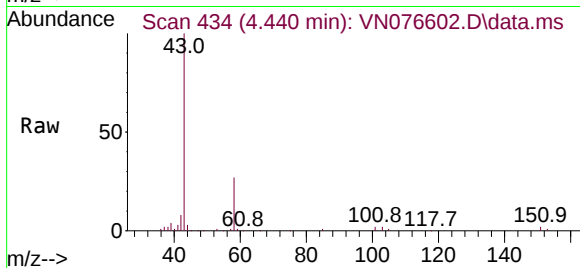
VN0210WBS01

Tgt Ion: 58 Resp: 55793

Ion Ratio Lower Upper

58 100

43 370.1 232.2 348.4#



#16

Carbon Disulfide

Concen: 19.293 ug/l

RT: 4.722 min Scan# 482

Delta R.T. -0.014 min

Lab File: VN076602.D

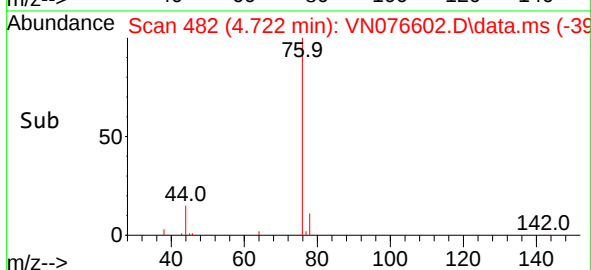
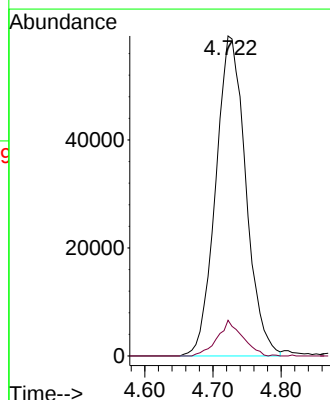
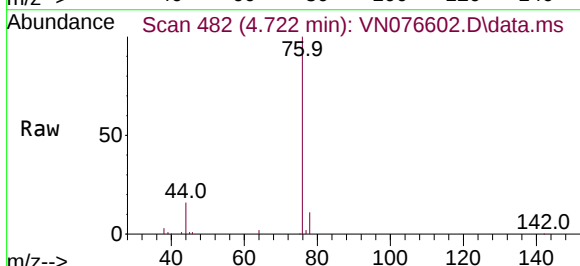
Acq: 10 Feb 2023 11:35

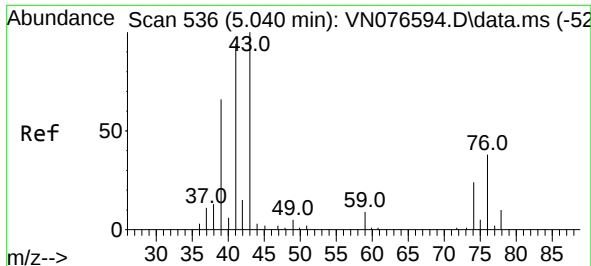
Tgt Ion: 76 Resp: 181851

Ion Ratio Lower Upper

76 100

78 11.1 7.2 10.8#



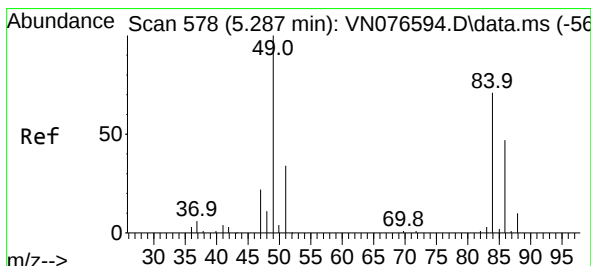
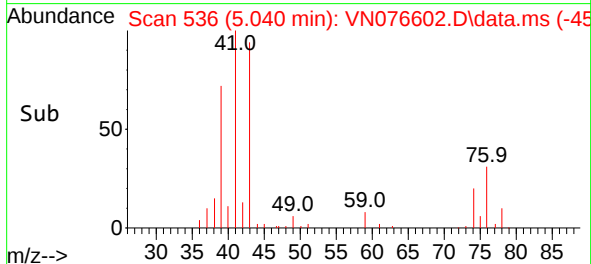
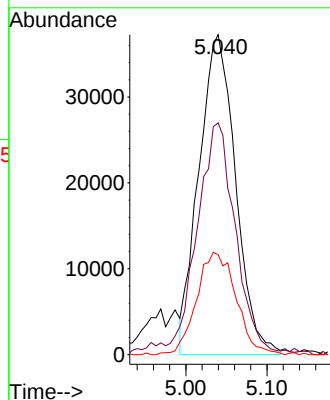
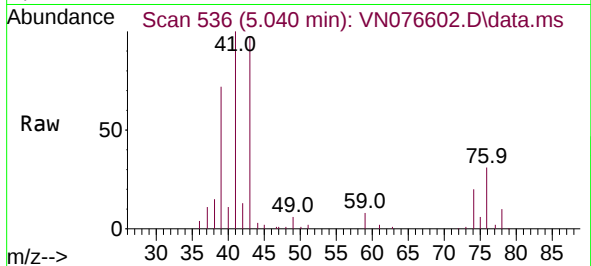


#17
 Allyl chloride
 Concen: 17.731 ug/l
 RT: 5.040 min Scan# 517
 Delta R.T. -0.002 min
 Lab File: VN076602.D
 Acq: 10 Feb 2023 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01

Tgt Ion: 41 Resp: 117238

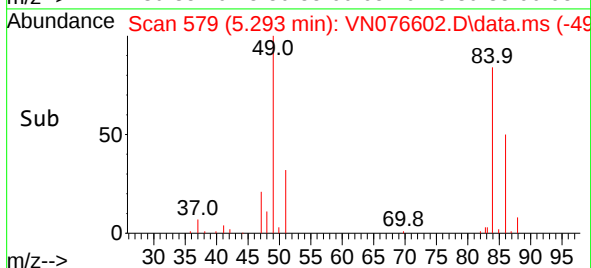
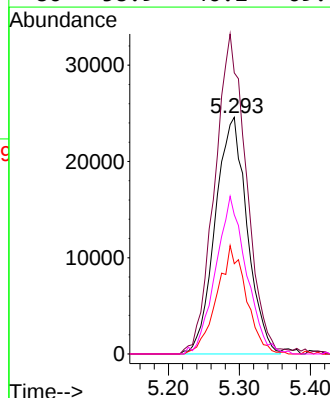
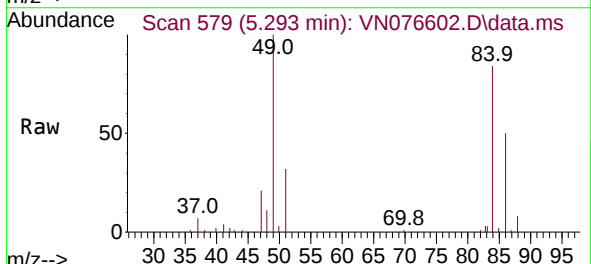
Ion	Ratio	Lower	Upper
41	100		
39	72.3	39.1	117.5
76	31.2	19.8	59.4

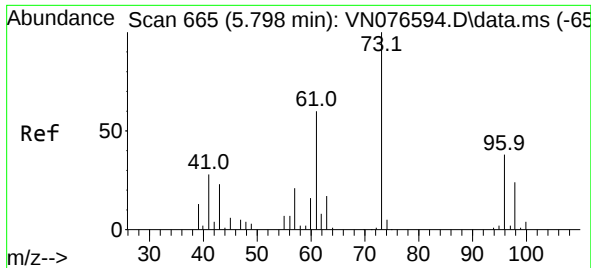


#18
 Methylene Chloride
 Concen: 18.925 ug/l
 RT: 5.293 min Scan# 579
 Delta R.T. -0.007 min
 Lab File: VN076602.D
 Acq: 10 Feb 2023 11:35

Tgt Ion: 84 Resp: 76806

Ion	Ratio	Lower	Upper
84	100		
49	118.8	99.6	149.4
51	38.1	28.2	42.2
86	58.9	46.2	69.4

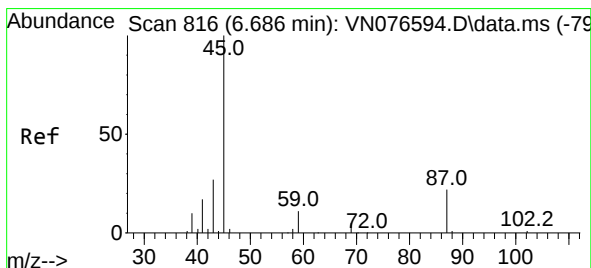
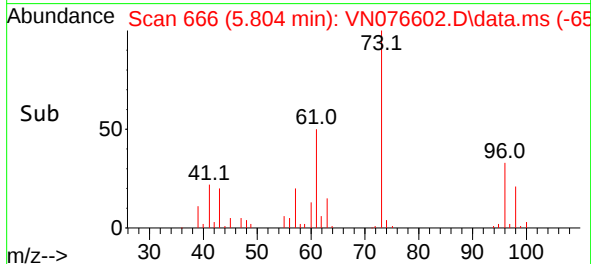
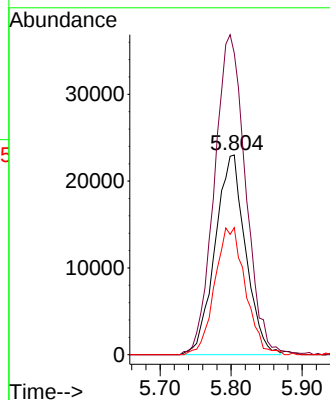
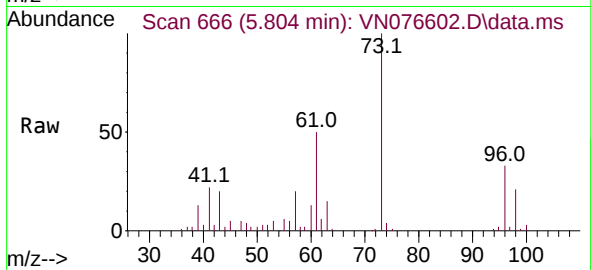




#19
trans-1,2-Dichloroethene
Concen: 19.476 ug/l
RT: 5.804 min Scan# 665
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

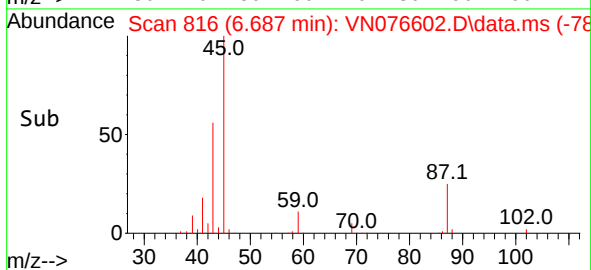
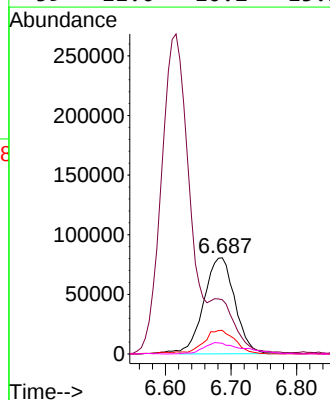
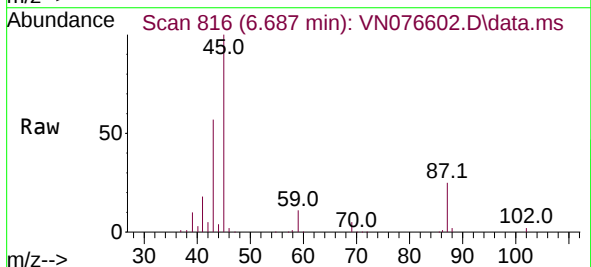
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

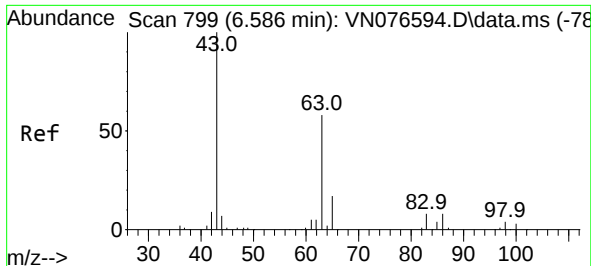
Tgt Ion: 96 Resp: 68619
Ion Ratio Lower Upper
96 100
61 150.9 110.2 165.4
98 63.7 50.0 75.0



#20
Diisopropyl ether
Concen: 17.401 ug/l
RT: 6.687 min Scan# 816
Delta R.T. -0.007 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 45 Resp: 262623
Ion Ratio Lower Upper
45 100
43 54.8 47.3 70.9
87 24.9 21.8 32.8
59 11.0 10.2 15.2

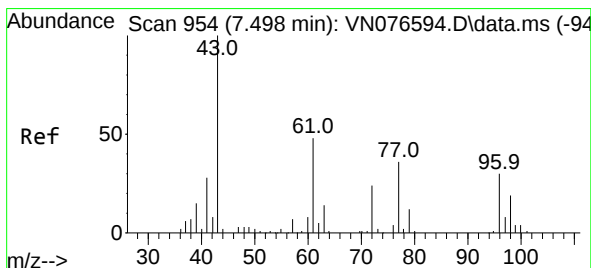
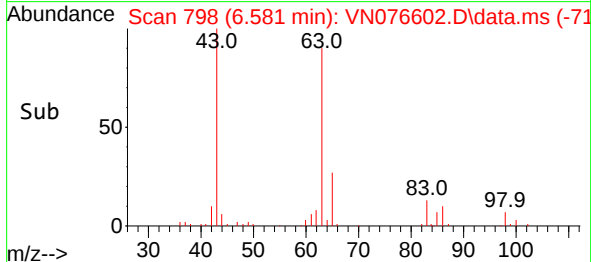
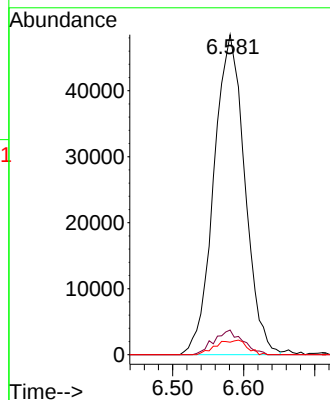
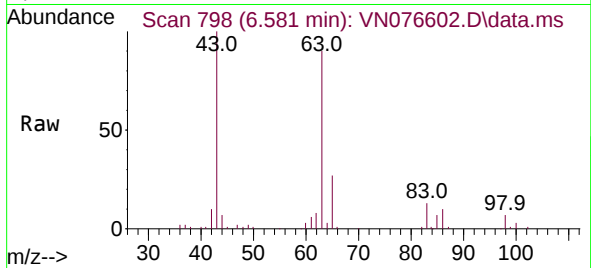




#21
1,1-Dichloroethane
Concen: 17.813 ug/l
RT: 6.581 min Scan# 799
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

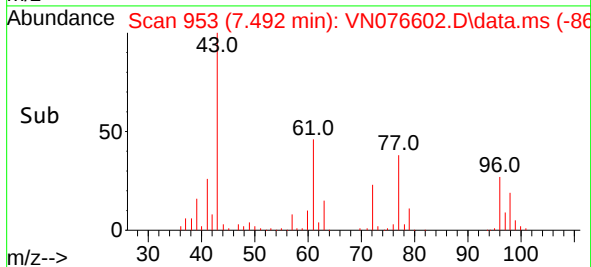
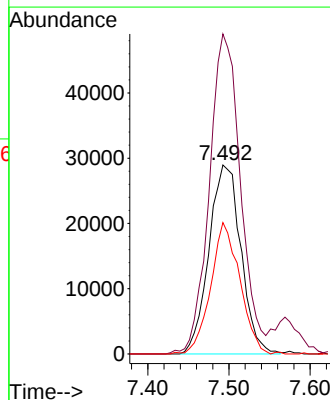
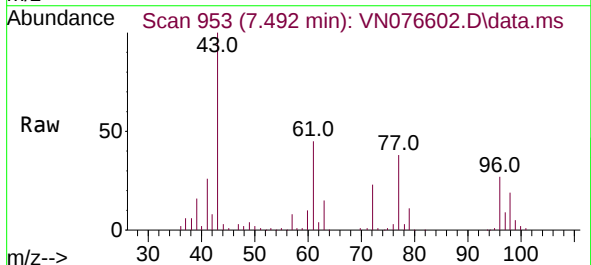
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

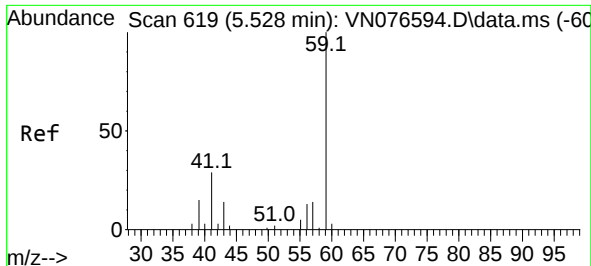
Tgt Ion: 63 Resp: 146603
Ion Ratio Lower Upper
63 100
98 7.7 3.3 9.9
100 3.9 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 18.769 ug/l
RT: 7.492 min Scan# 953
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 96 Resp: 79237
Ion Ratio Lower Upper
96 100
61 164.6 118.8 178.2
98 63.0 52.1 78.1

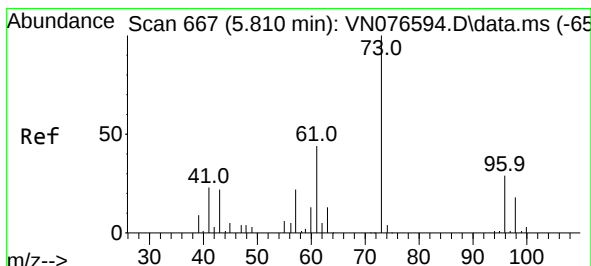
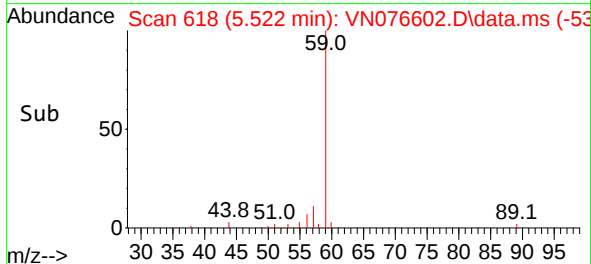
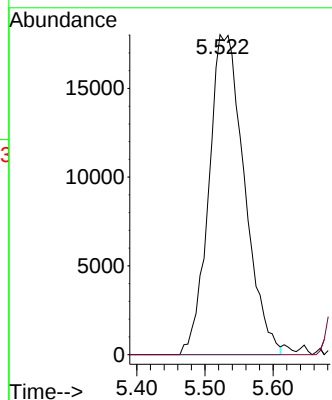
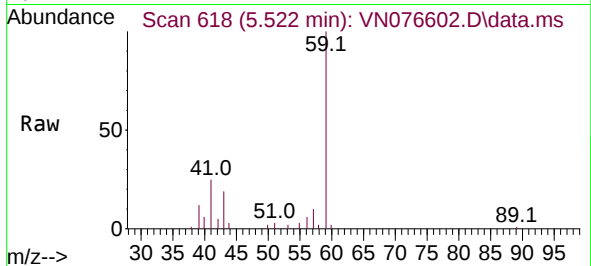




#23
tert-Butyl Alcohol
Concen: 92.449 ug/l
RT: 5.522 min Scan# 619
Delta R.T. -0.037 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

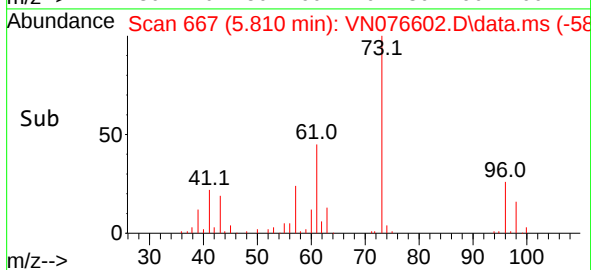
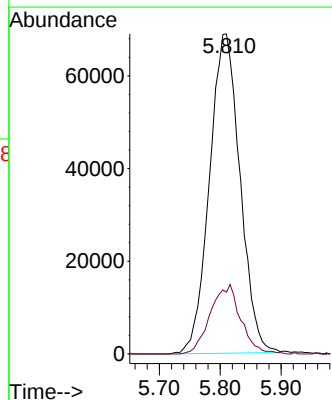
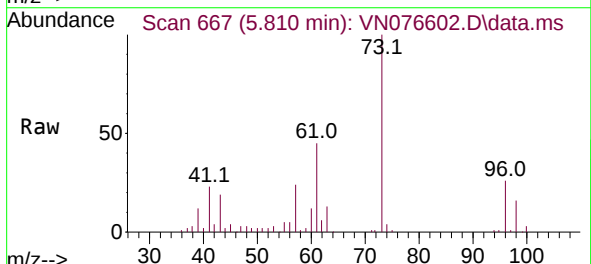
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

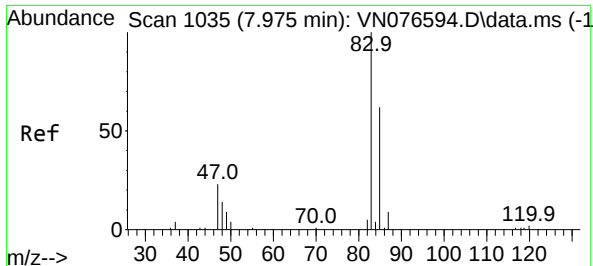
Tgt Ion: 59 Resp: 65414
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 19.443 ug/l
RT: 5.810 min Scan# 667
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 73 Resp: 240161
Ion Ratio Lower Upper
73 100
43 21.3 15.6 23.4





#25

Chloroform

Concen: 18.099 ug/l

RT: 7.969 min Scan# 1034

Delta R.T. -0.008 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

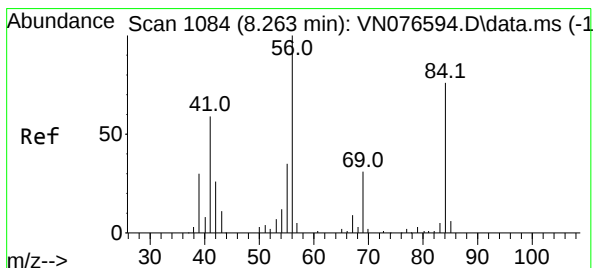
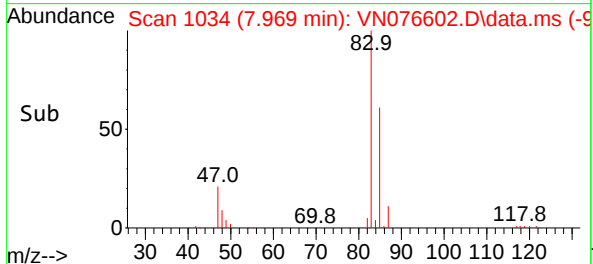
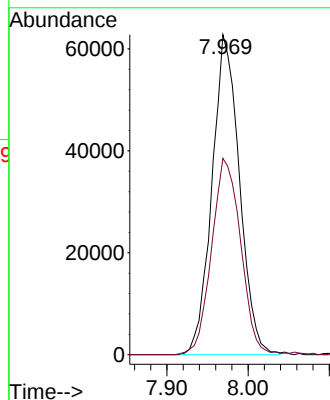
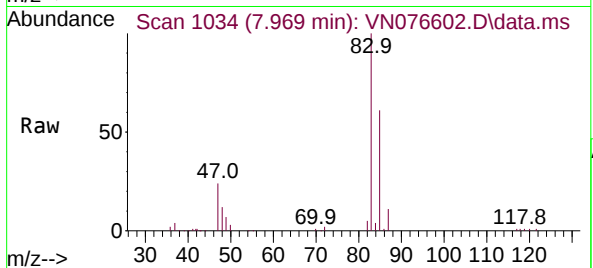
VN0210WBS01

Tgt Ion: 83 Resp: 147398

Ion Ratio Lower Upper

83 100

85 61.0 53.6 80.4



#26

Cyclohexane

Concen: 17.483 ug/l

RT: 8.269 min Scan# 1085

Delta R.T. 0.004 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

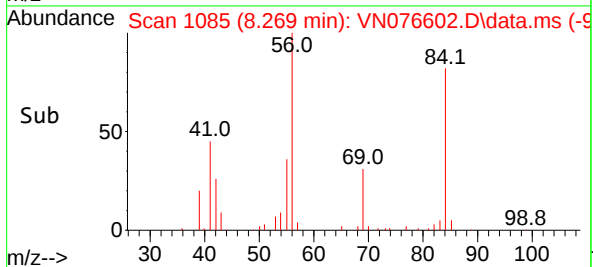
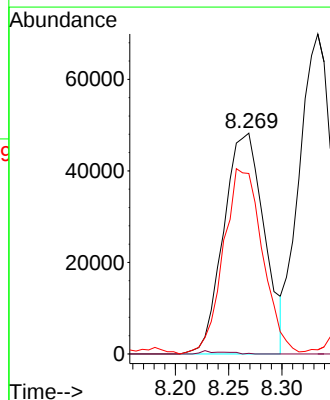
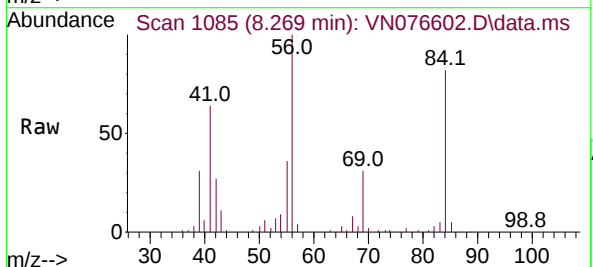
Tgt Ion: 56 Resp: 127686

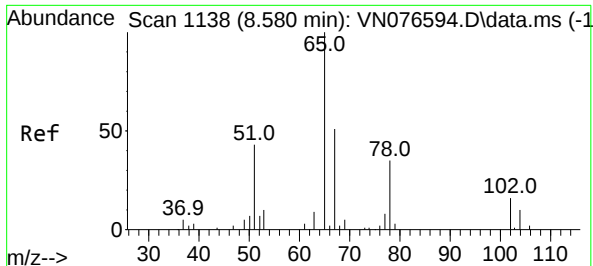
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 81.1 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 28.649 ug/l

RT: 8.581 min Scan# 1138

Delta R.T. -0.007 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

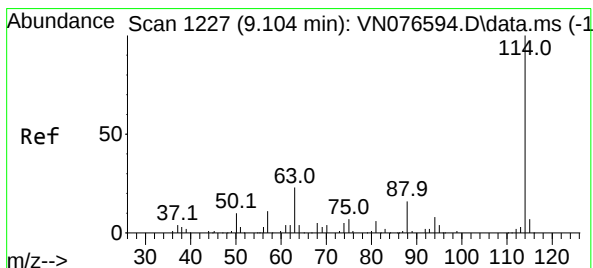
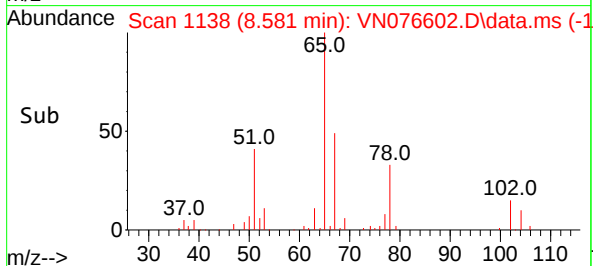
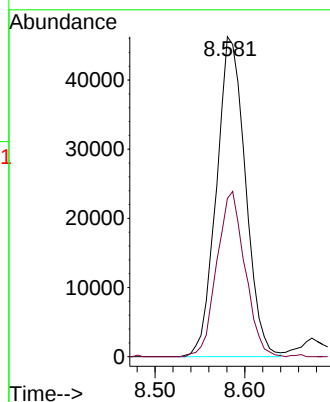
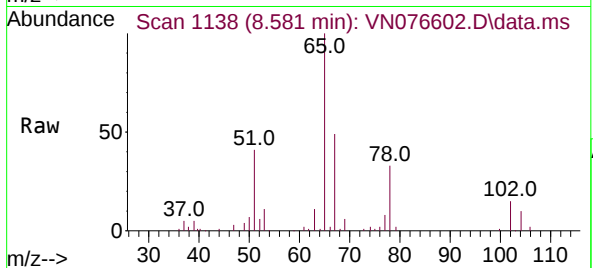
VN0210WBS01

Tgt Ion: 65 Resp: 103754

Ion Ratio Lower Upper

65 100

67 50.1 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.104 min Scan# 1227

Delta R.T. -0.002 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

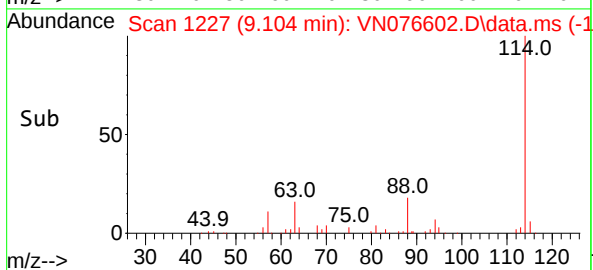
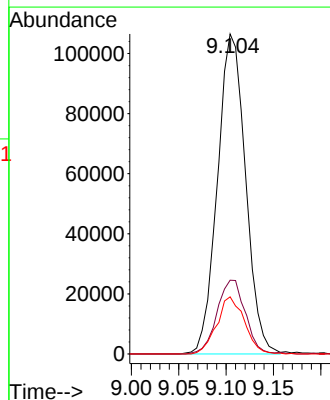
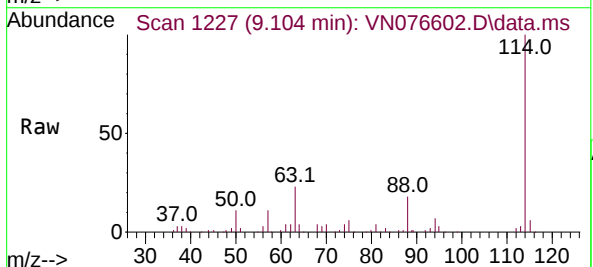
Tgt Ion: 114 Resp: 219859

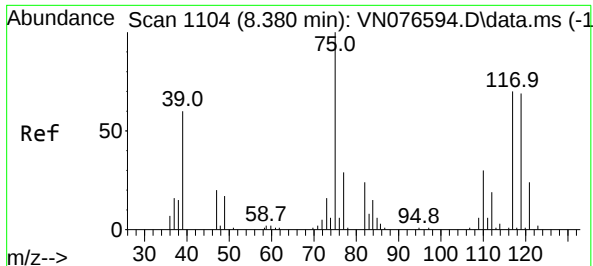
Ion Ratio Lower Upper

114 100

63 23.2 16.6 25.0

88 17.5 12.2 18.4

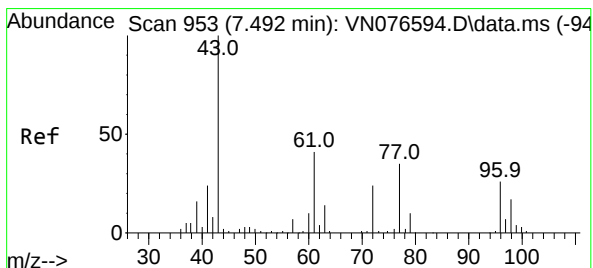
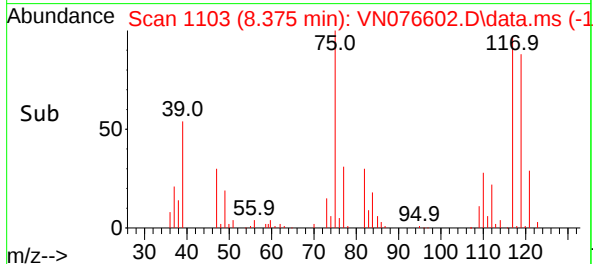
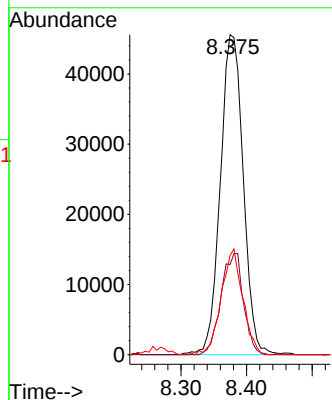
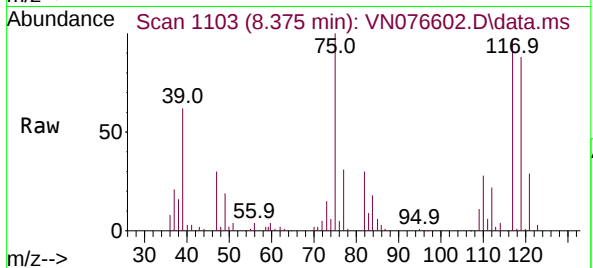




#29
1,1-Dichloropropene
Concen: 19.418 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

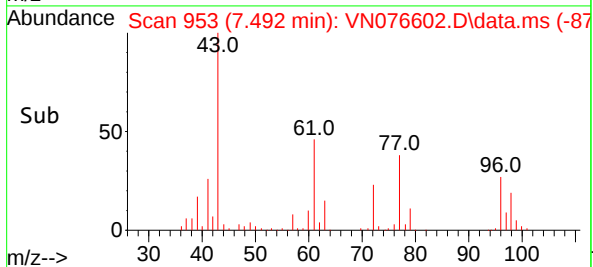
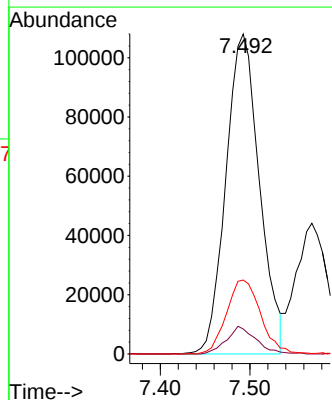
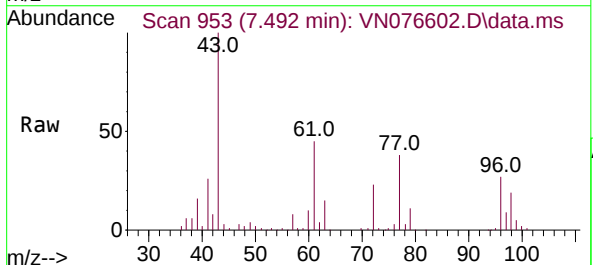
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

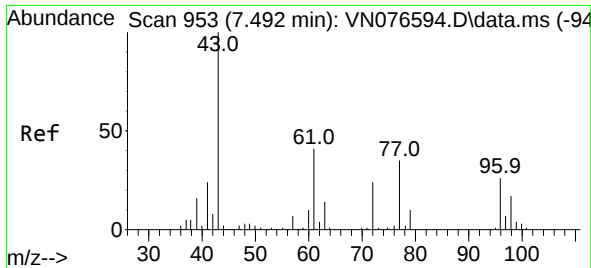
Tgt Ion: 75 Resp: 110504
Ion Ratio Lower Upper
75 100
110 31.1 0.0 72.2
77 30.9 0.0 64.0



#30
2-Butanone
Concen: 91.471 ug/l
RT: 7.492 min Scan# 953
Delta R.T. -0.014 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 43 Resp: 280981
Ion Ratio Lower Upper
43 100
57 7.5 6.3 9.5
72 23.5 21.0 31.4

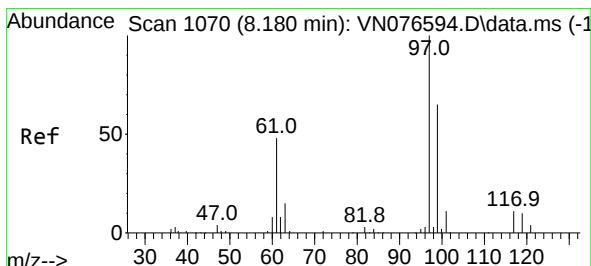
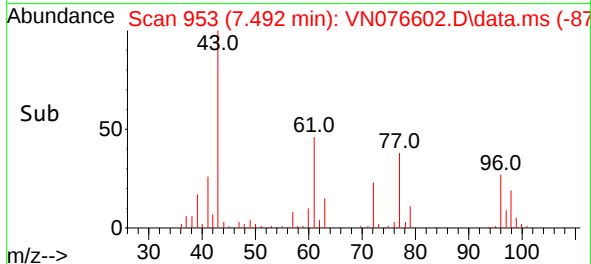
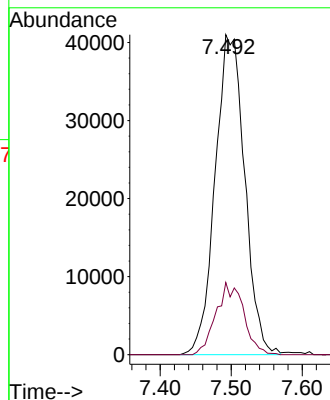
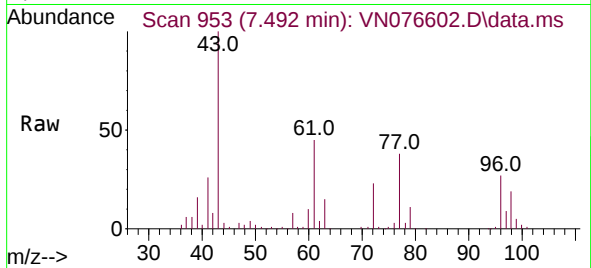




#31
2,2-Dichloropropane
Concen: 20.028 ug/l
RT: 7.492 min Scan# 91
Delta R.T. -0.014 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

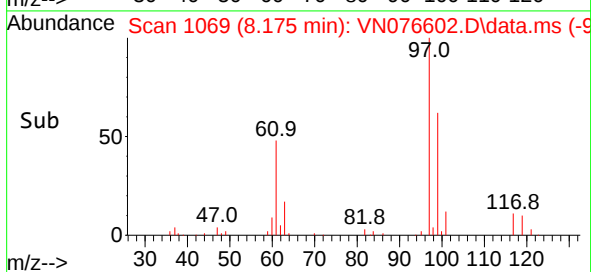
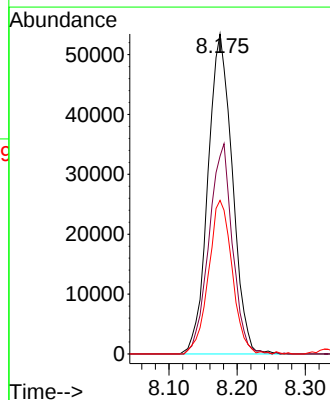
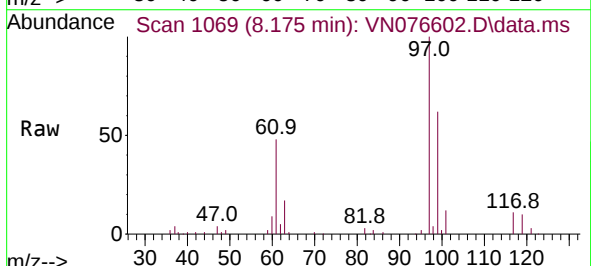
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

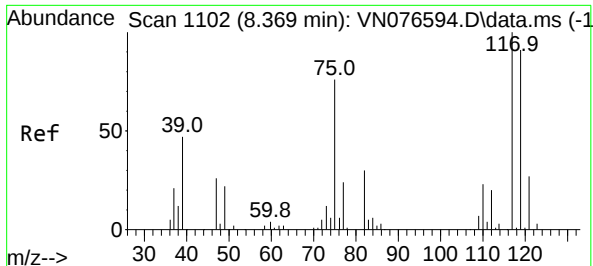
Tgt Ion: 77 Resp: 118341
Ion Ratio Lower Upper
77 100
97 11.6 18.4 27.6#



#32
1,1,1-Trichloroethane
Concen: 18.852 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 97 Resp: 133107
Ion Ratio Lower Upper
97 100
99 63.2 50.0 75.0
61 46.4 36.1 54.1

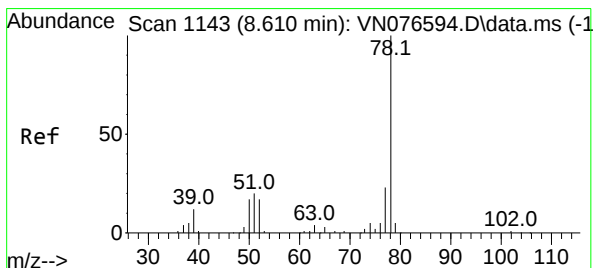
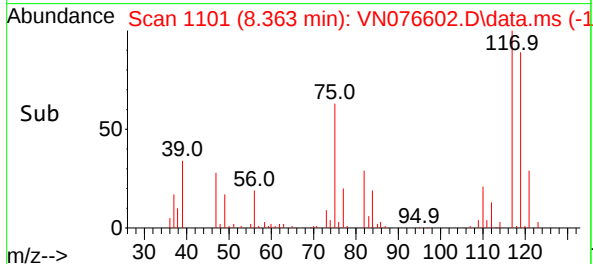
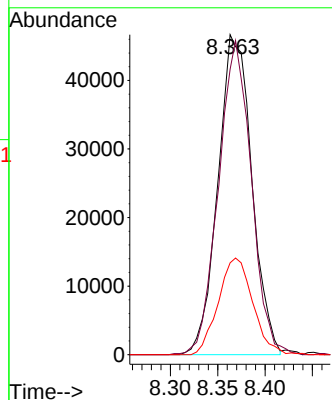
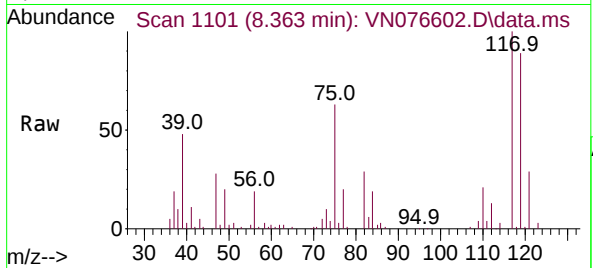




#33
Carbon Tetrachloride
Concen: 19.044 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

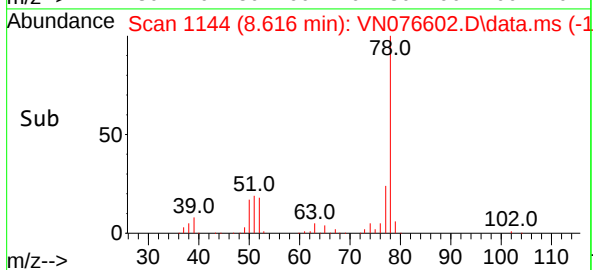
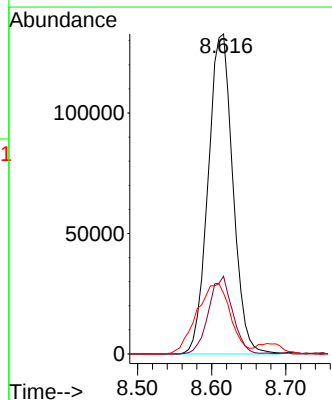
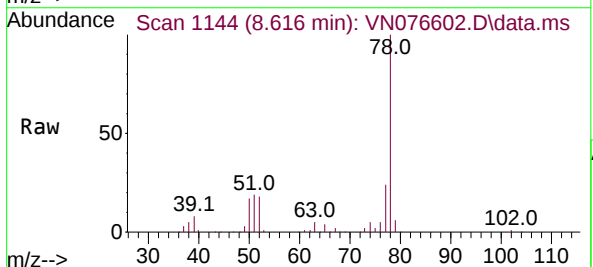
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

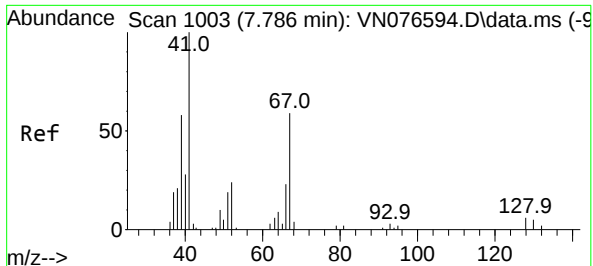
Tgt Ion:117 Resp: 116001
Ion Ratio Lower Upper
117 100
119 88.8 77.8 116.6
121 28.7 27.6 41.4



#34
Benzene
Concen: 17.618 ug/l
RT: 8.616 min Scan# 1144
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 78 Resp: 308061
Ion Ratio Lower Upper
78 100
77 24.3 19.9 29.9
51 17.0 21.1 31.7#

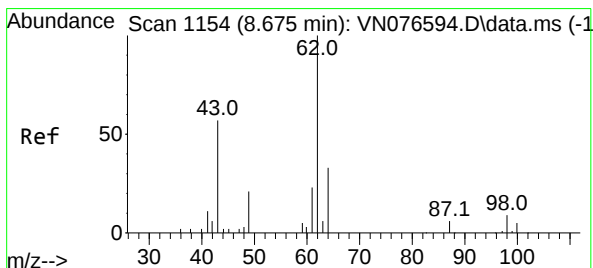
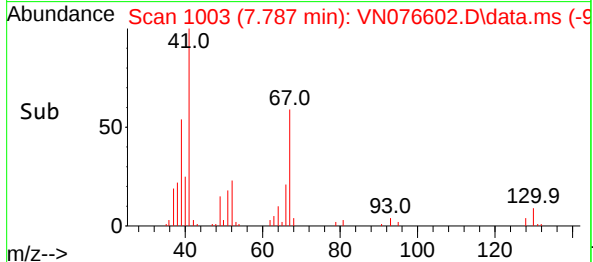
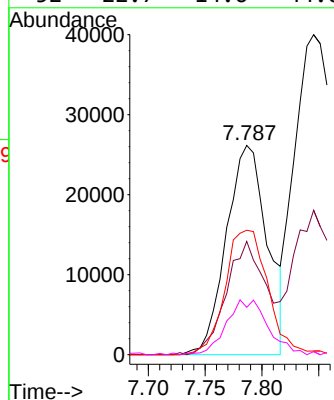
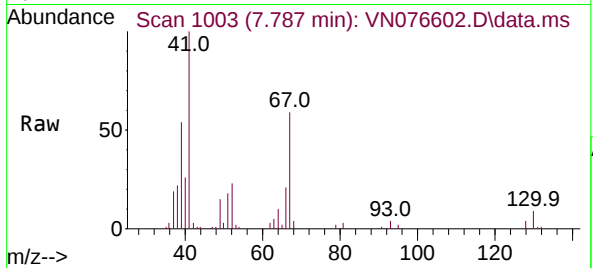




#35
Methacrylonitrile
Concen: 18.639 ug/l
RT: 7.787 min Scan# 1003
Delta R.T. -0.007 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

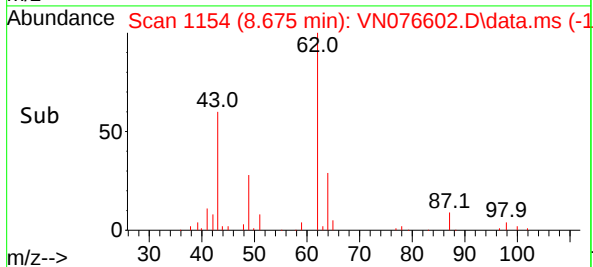
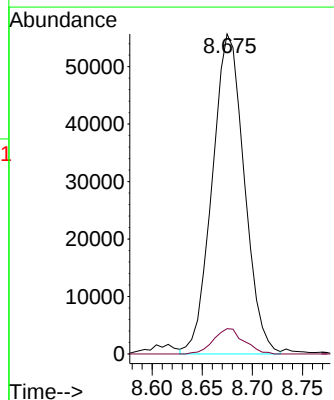
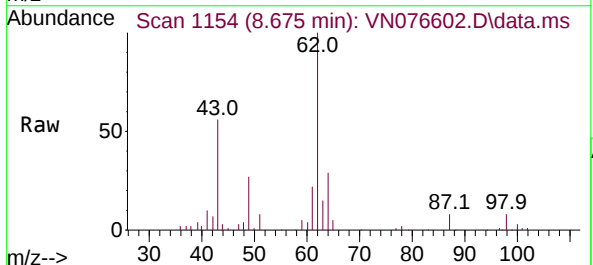
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

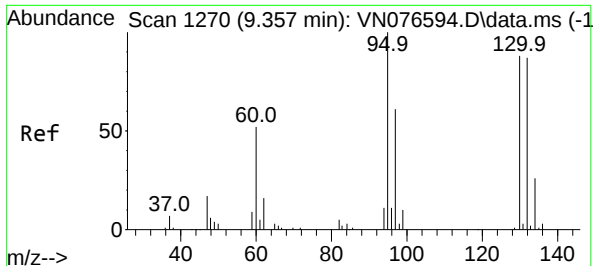
Tgt Ion:	41	Resp:	65835
Ion	Ratio	Lower	Upper
41	100		
39	53.1	27.7	83.1
67	59.5	38.0	113.9
52	22.7	14.6	44.0



#36
1,2-Dichloroethane
Concen: 18.499 ug/l
RT: 8.675 min Scan# 1154
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion:	62	Resp:	124043
Ion	Ratio	Lower	Upper
62	100		
98	7.5	7.4	11.2





#37

Trichloroethene

Concen: 19.887 ug/l

RT: 9.357 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

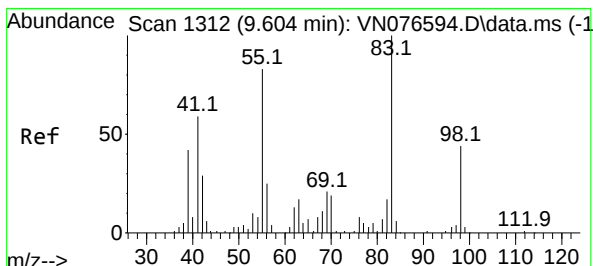
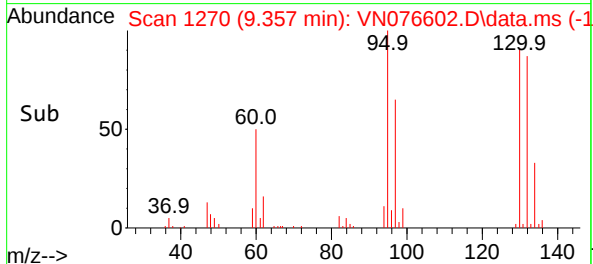
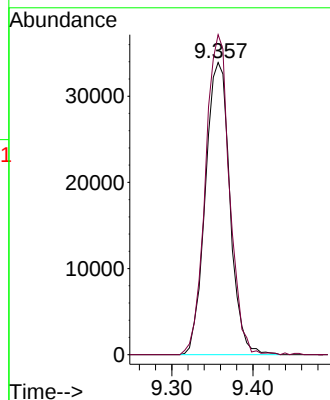
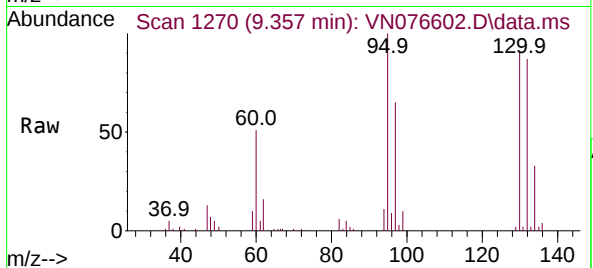
VN0210WBS01

Tgt Ion:130 Resp: 71200

Ion Ratio Lower Upper

130 100

95 109.5 75.9 113.9



#38

Methylcyclohexane

Concen: 20.496 ug/l

RT: 9.604 min Scan# 1312

Delta R.T. -0.002 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

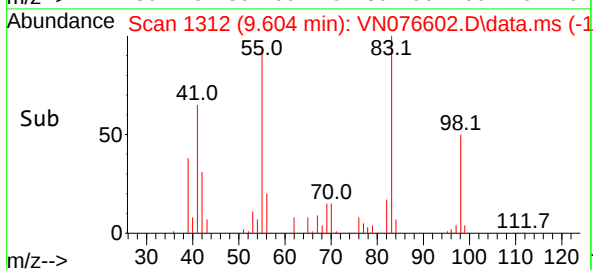
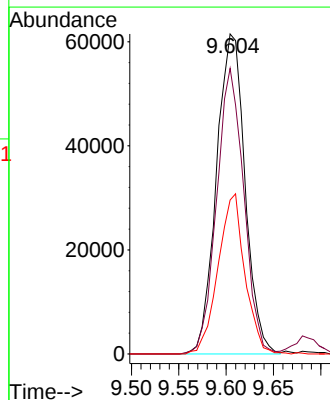
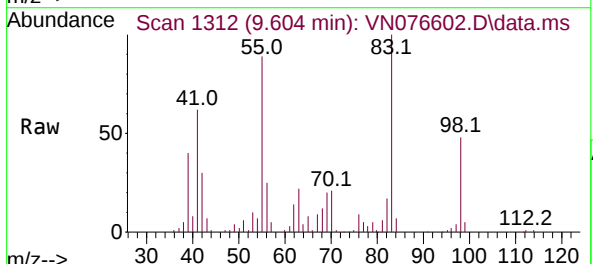
Tgt Ion: 83 Resp: 129103

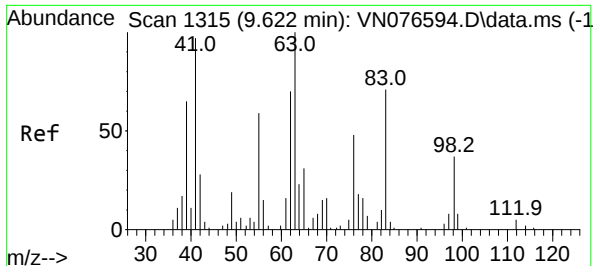
Ion Ratio Lower Upper

83 100

55 84.6 37.4 112.2

98 46.8 24.5 73.5





#39

1,2-Dichloropropane

Concen: 19.977 ug/l

RT: 9.628 min Scan# 1315

Delta R.T. -0.002 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

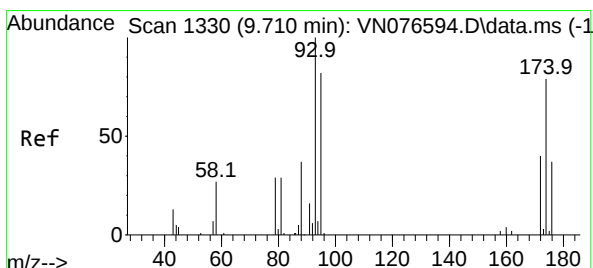
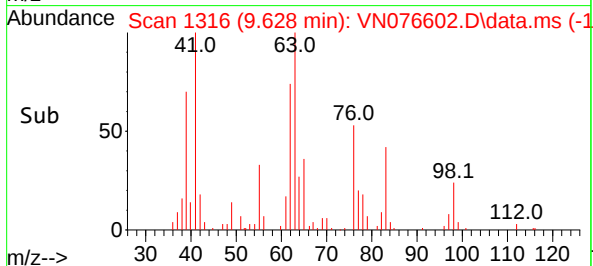
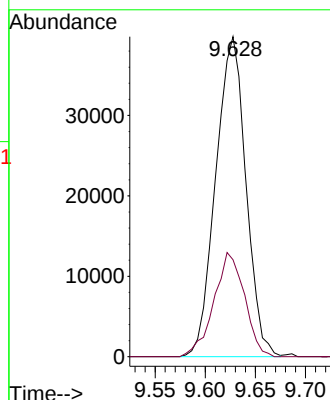
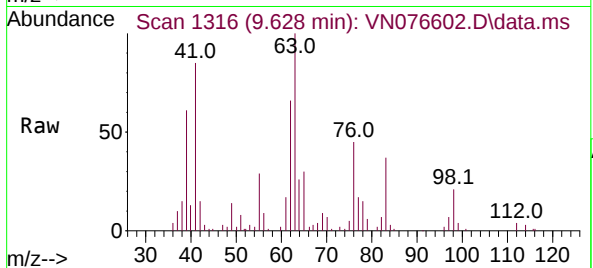
VN0210WBS01

Tgt Ion: 63 Resp: 83363

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.6



#40

Dibromomethane

Concen: 19.374 ug/l

RT: 9.710 min Scan# 1330

Delta R.T. -0.002 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

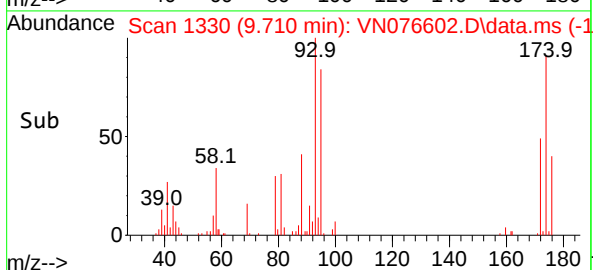
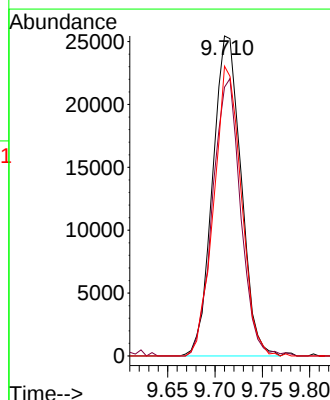
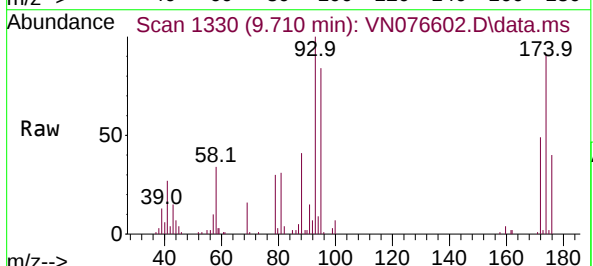
Tgt Ion: 93 Resp: 53186

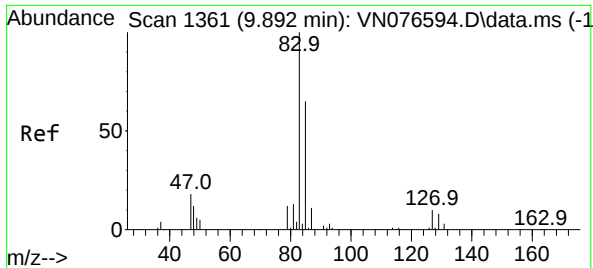
Ion Ratio Lower Upper

93 100

95 84.8 0.0 168.0

174 87.5 0.0 158.4

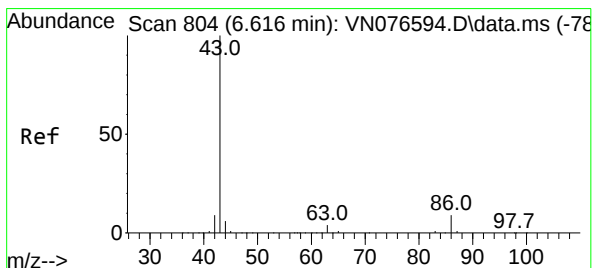
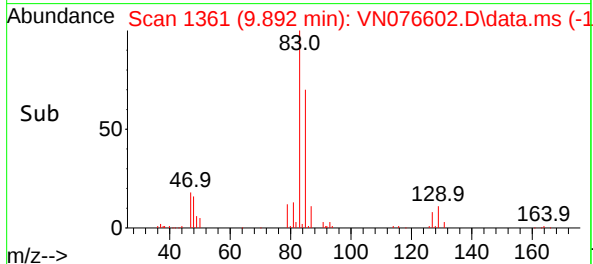
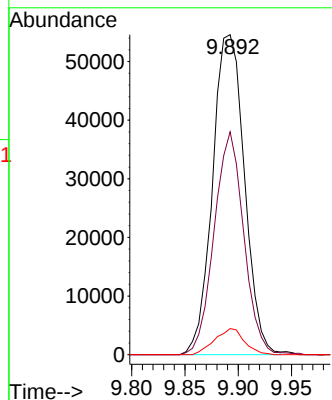
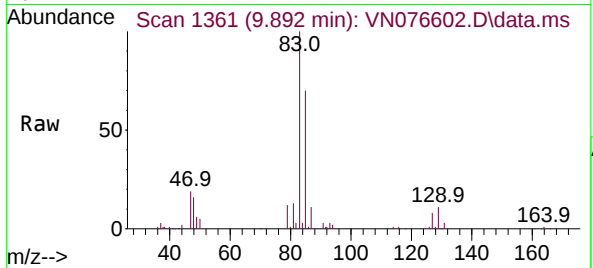




#41
Bromodichloromethane
Concen: 19.696 ug/l
RT: 9.892 min Scan# 11
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

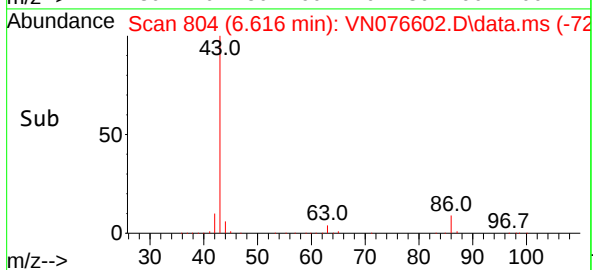
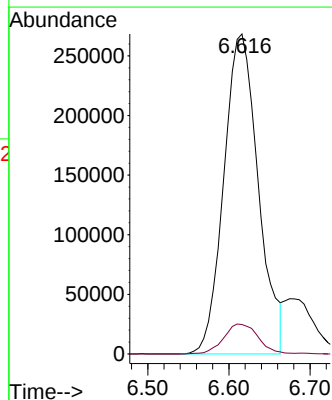
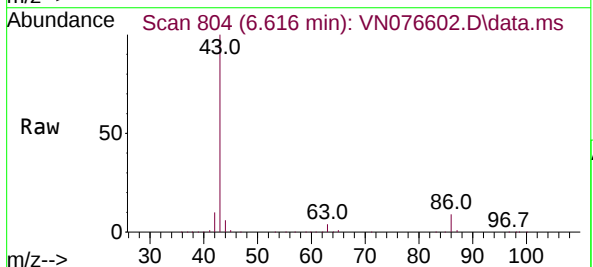
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

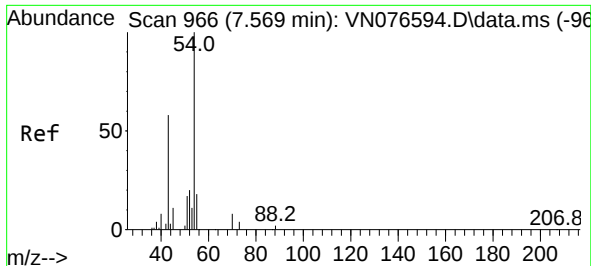
Tgt Ion: 83 Resp: 113688
Ion Ratio Lower Upper
83 100
85 69.6 50.2 75.4
127 8.1 5.1 7.7#



#42
Vinyl Acetate
Concen: 79.454 ug/l
RT: 6.616 min Scan# 804
Delta R.T. -0.008 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 43 Resp: 793880
Ion Ratio Lower Upper
43 100
86 9.4 7.5 11.3

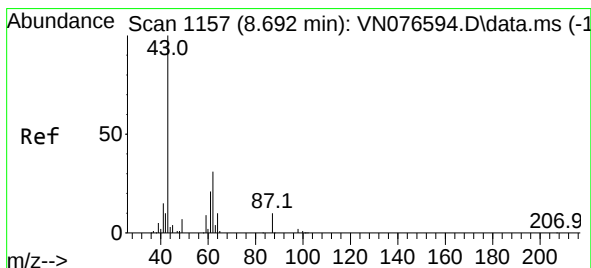
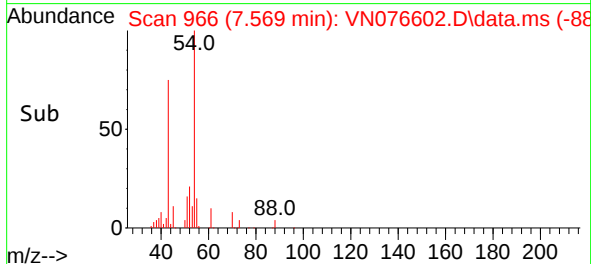
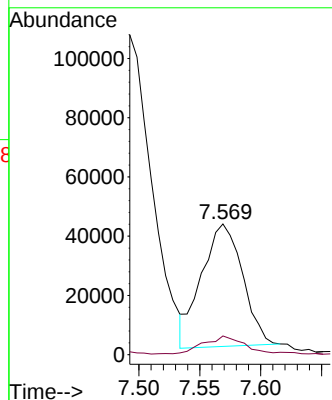
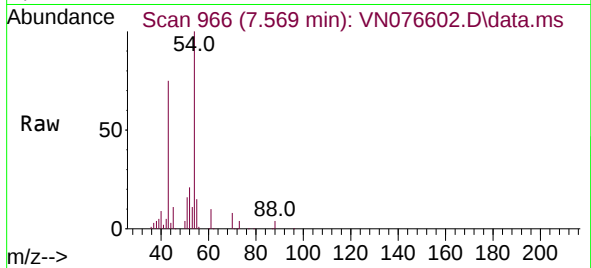




#43
Ethyl Acetate
Concen: 15.467 ug/l
RT: 7.569 min Scan# 966
Delta R.T. -0.014 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

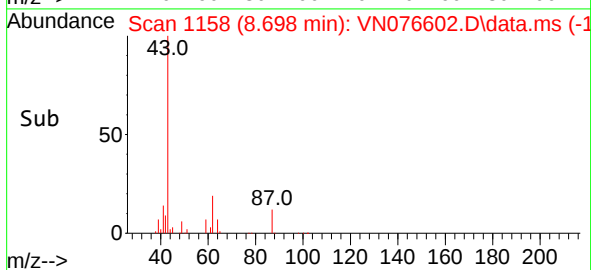
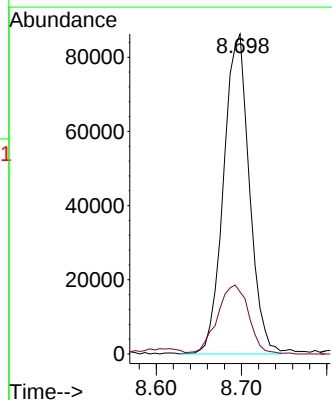
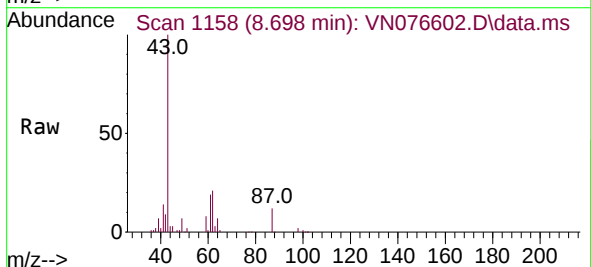
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

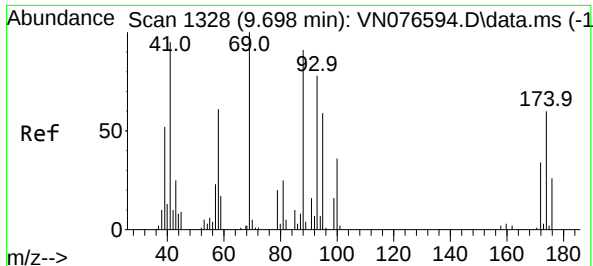
Tgt Ion: 43 Resp: 96880
Ion Ratio Lower Upper
43 100
45 15.4 11.5 17.3



#44
Isopropyl Acetate
Concen: 17.626 ug/l
RT: 8.698 min Scan# 1158
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 43 Resp: 181604
Ion Ratio Lower Upper
43 100
61 26.2 19.5 29.3





#45

1,4-Dioxane

Concen: 402.898 ug/l

RT: 9.692 min Scan# 1327

Delta R.T. -0.008 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

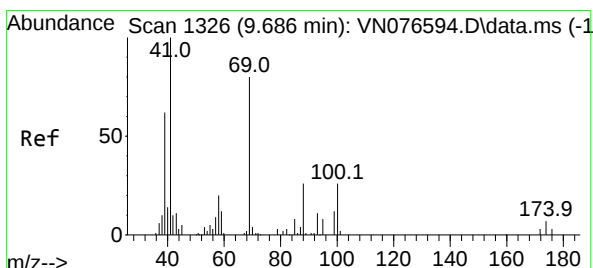
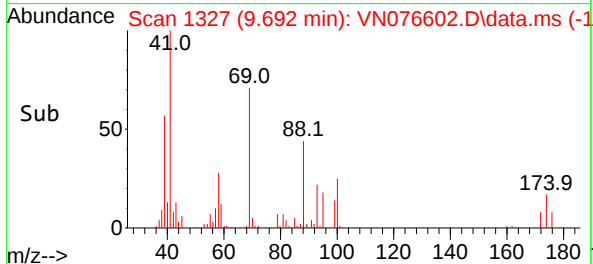
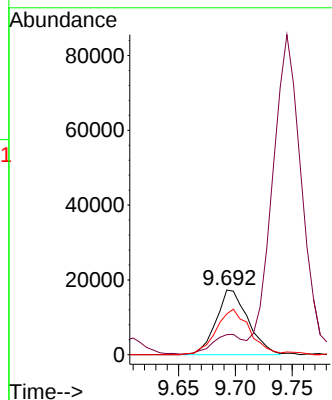
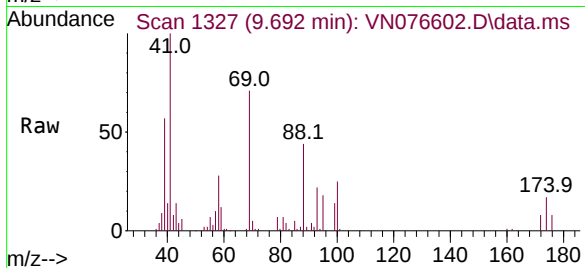
Tgt Ion: 88 Resp: 33840

Ion Ratio Lower Upper

88 100

43 31.4 25.7 38.5

58 74.0 53.4 80.2



#46

Methyl methacrylate

Concen: 18.132 ug/l

RT: 9.681 min Scan# 1325

Delta R.T. -0.007 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

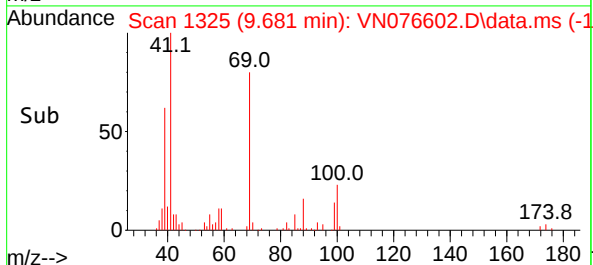
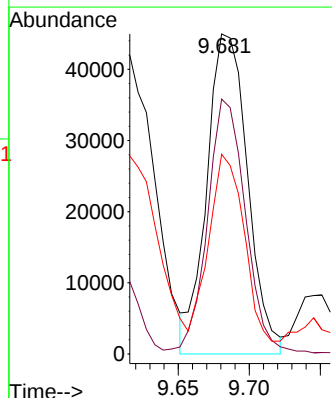
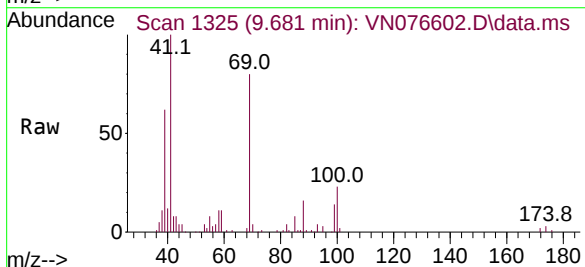
Tgt Ion: 41 Resp: 90078

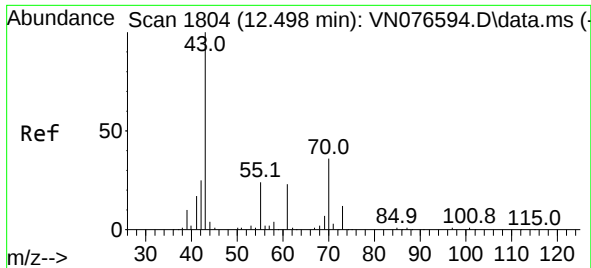
Ion Ratio Lower Upper

41 100

69 81.8 45.6 136.7

39 61.6 32.3 96.9

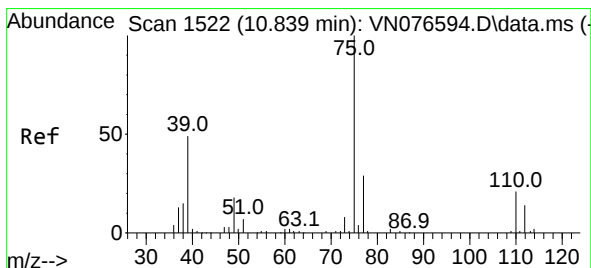
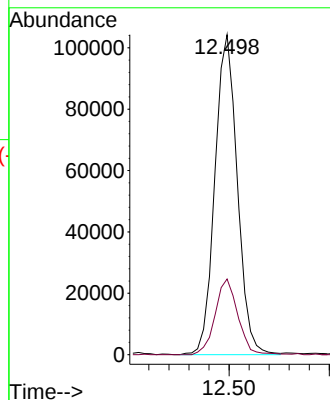
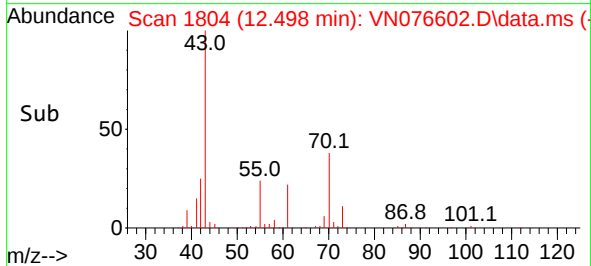
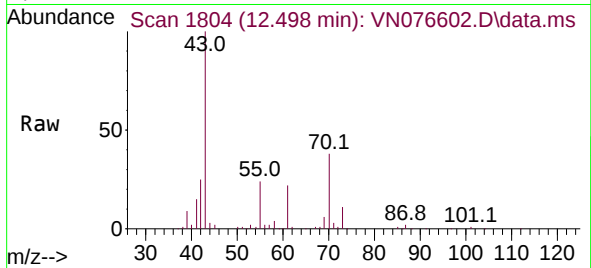




#47
n-amyl acetate
Concen: 18.512 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

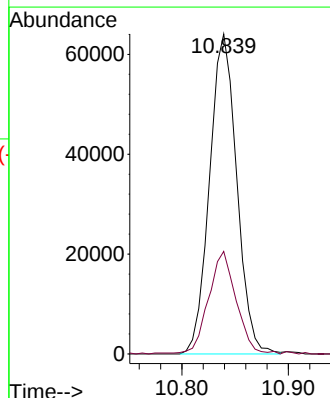
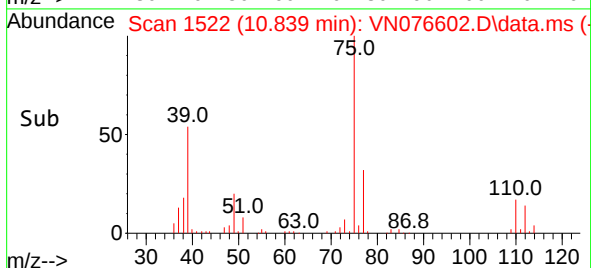
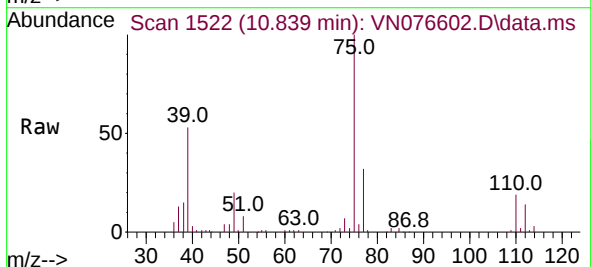
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

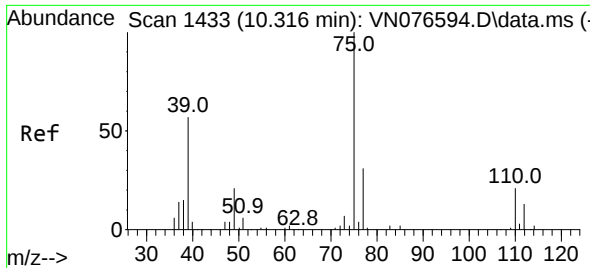
Tgt Ion: 43 Resp: 162121
Ion Ratio Lower Upper
43 100
55 23.9 16.8 25.2



#48
t-1,3-Dichloropropene
Concen: 19.551 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 75 Resp: 113599
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8

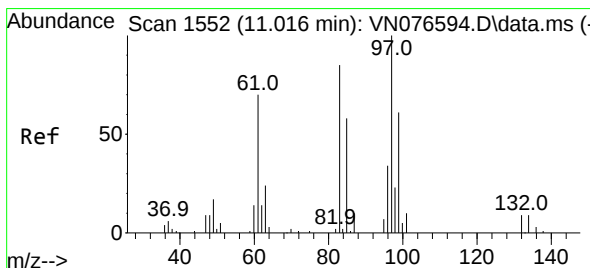
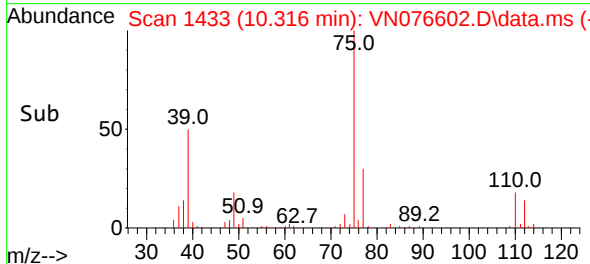
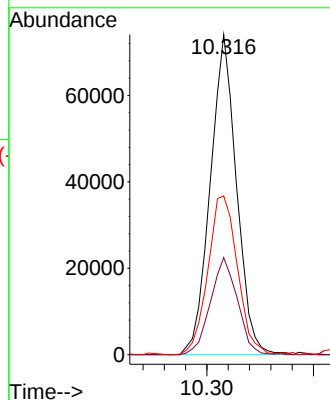
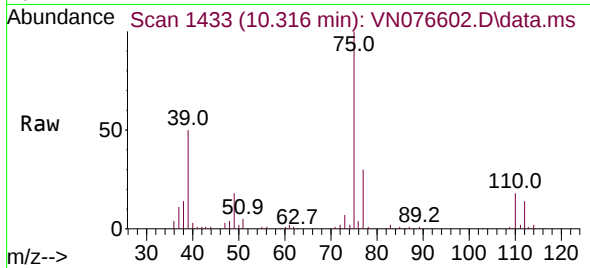




#49
 cis-1,3-Dichloropropene
 Concen: 19.712 ug/l
 RT: 10.316 min Scan# 1433
 Delta R.T. -0.002 min
 Lab File: VN076602.D
 Acq: 10 Feb 2023 11:35

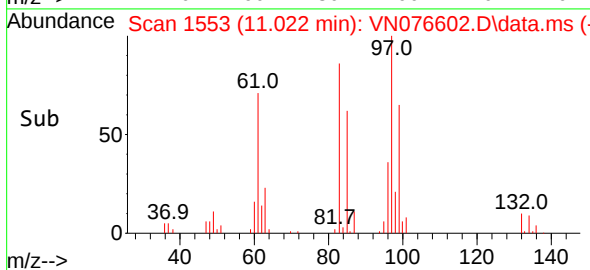
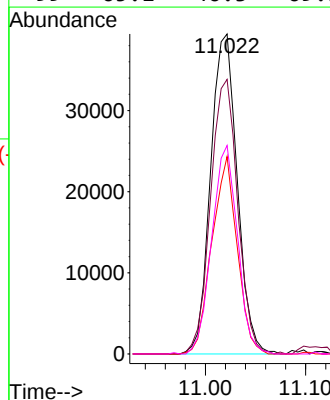
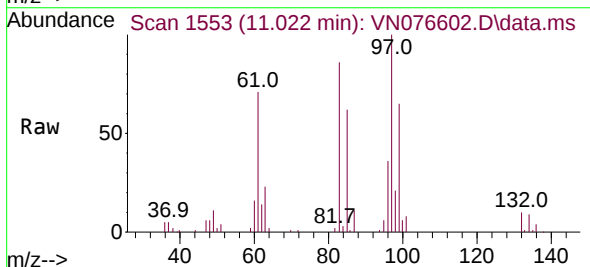
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01

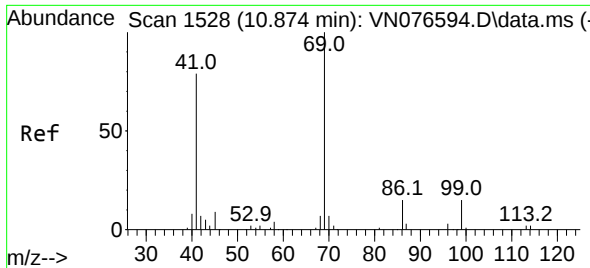
Tgt Ion:	75	Resp:	126614
Ion	Ratio	Lower	Upper
75	100		
77	30.4	22.5	33.7
39	49.4	37.6	56.4



#50
 1,1,2-Trichloroethane
 Concen: 19.487 ug/l
 RT: 11.022 min Scan# 1553
 Delta R.T. 0.004 min
 Lab File: VN076602.D
 Acq: 10 Feb 2023 11:35

Tgt Ion:	97	Resp:	72653
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.2	103.8
85	61.7	41.4	62.2
99	65.1	46.3	69.5

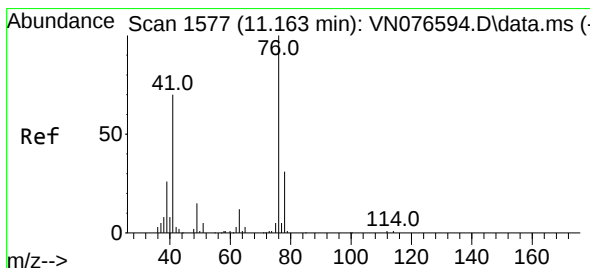
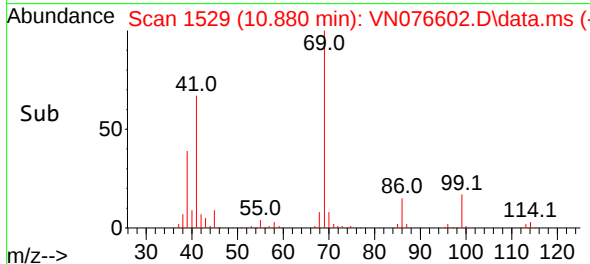
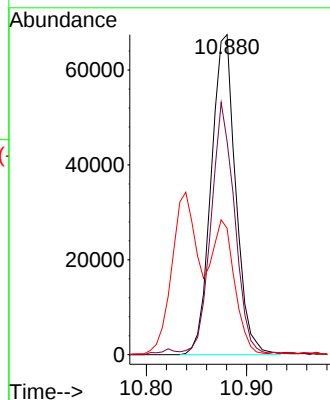
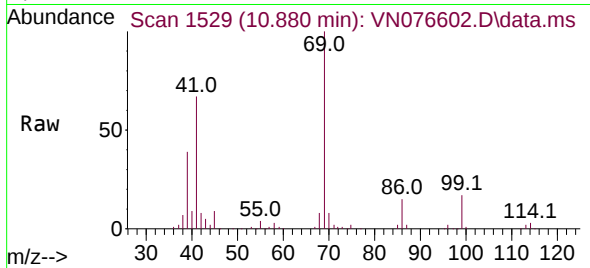




#51
Ethyl methacrylate
Concen: 19.368 ug/l
RT: 10.880 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

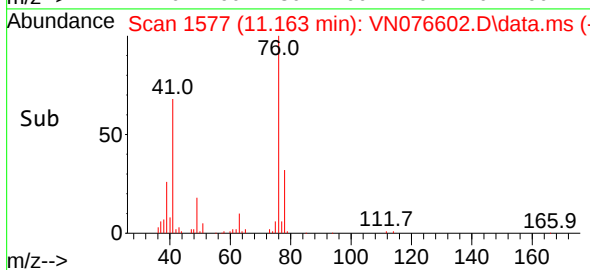
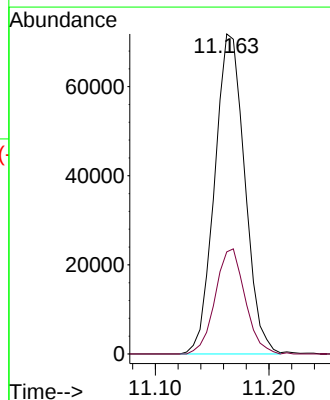
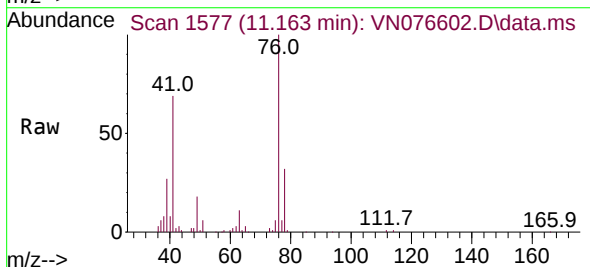
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

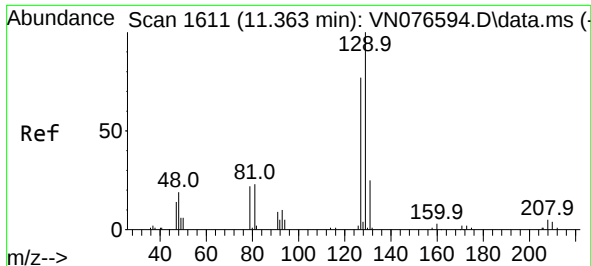
Tgt Ion: 69 Resp: 114656
Ion Ratio Lower Upper
69 100
41 66.1 32.5 97.5
39 39.1 21.5 64.5



#52
1,3-Dichloropropane
Concen: 19.052 ug/l
RT: 11.163 min Scan# 1577
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 76 Resp: 132407
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.8

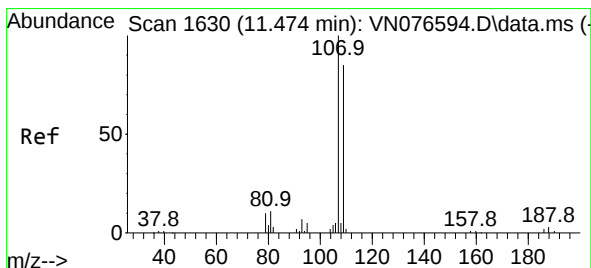
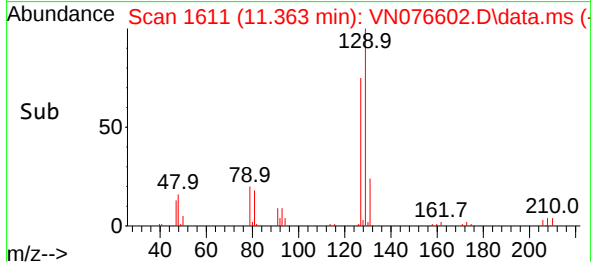
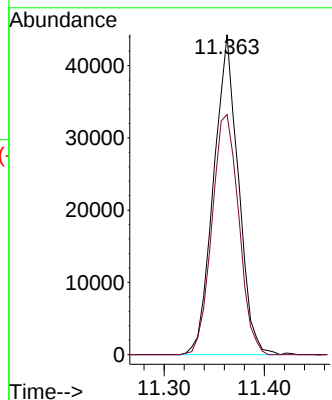
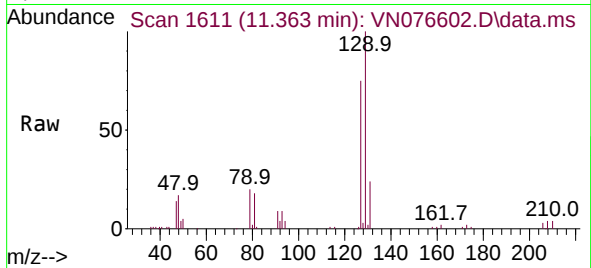




#53
Dibromochloromethane
Concen: 19.589 ug/l
RT: 11.363 min Scan# 1611
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

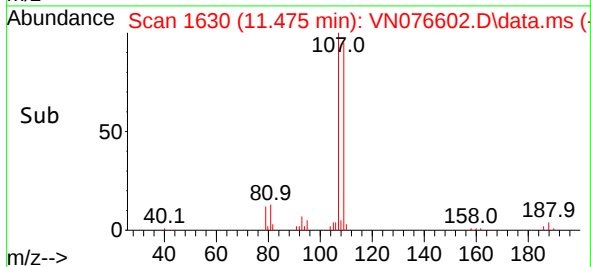
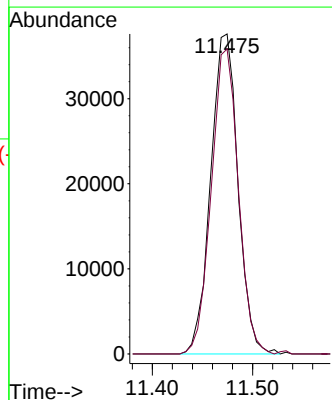
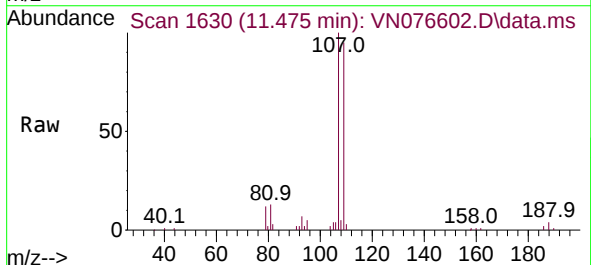
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

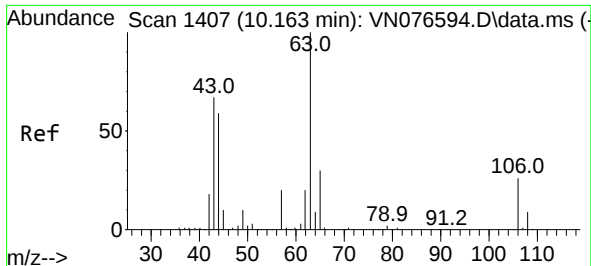
Tgt Ion:129 Resp: 75888
Ion Ratio Lower Upper
129 100
127 81.4 40.6 121.7



#54
1,2-Dibromoethane
Concen: 18.831 ug/l
RT: 11.475 min Scan# 1630
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion:107 Resp: 71044
Ion Ratio Lower Upper
107 100
109 94.4 76.2 114.2

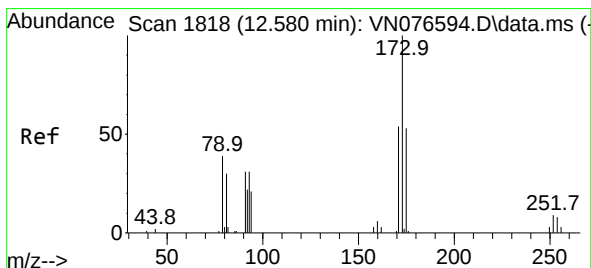
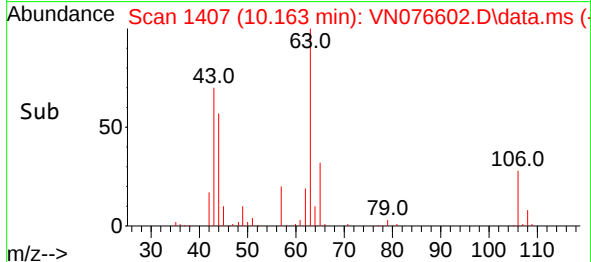
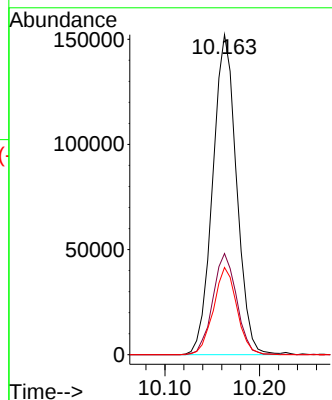
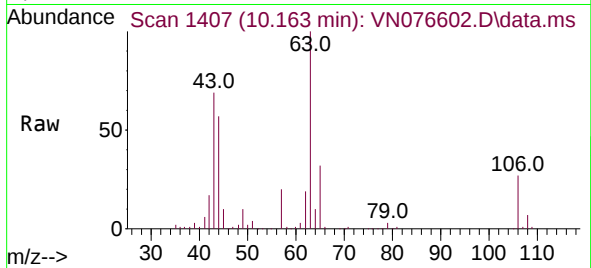




#55
2-Chloroethyl vinyl ether
Concen: 98.472 ug/l
RT: 10.163 min Scan# 1407
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

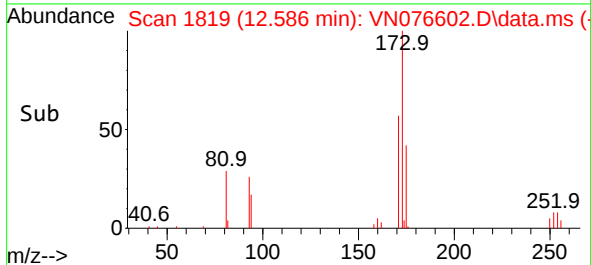
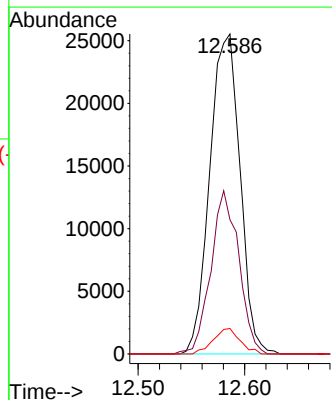
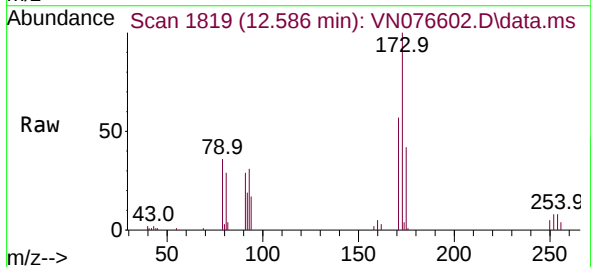
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

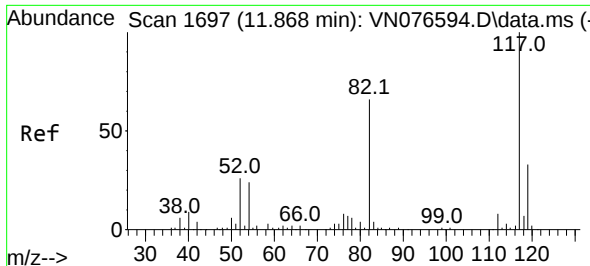
Tgt Ion: 63 Resp: 266272
Ion Ratio Lower Upper
63 100
65 31.4 24.6 36.8
106 26.8 21.3 31.9



#56
Bromoform
Concen: 20.185 ug/l
RT: 12.586 min Scan# 1819
Delta R.T. 0.010 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 173 Resp: 50363
Ion Ratio Lower Upper
173 100
175 47.1 39.1 58.7
254 7.1 7.0 10.6

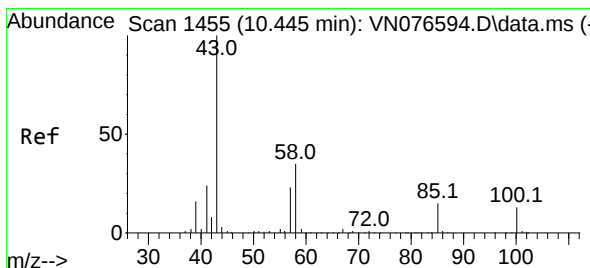
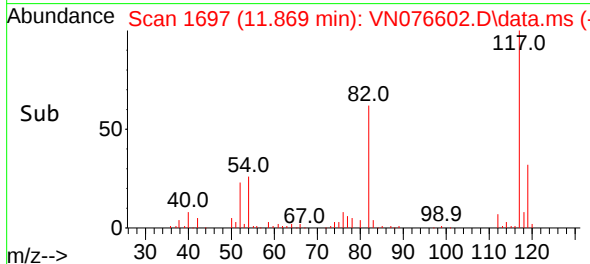
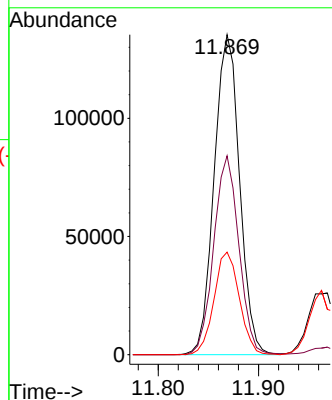
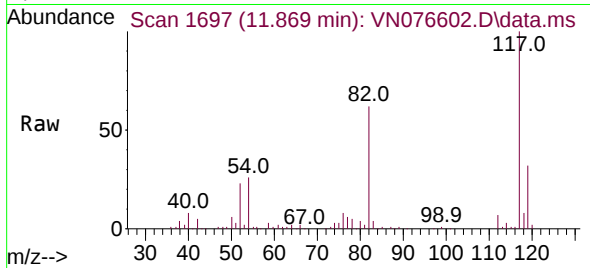




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.869 min Scan# 117
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

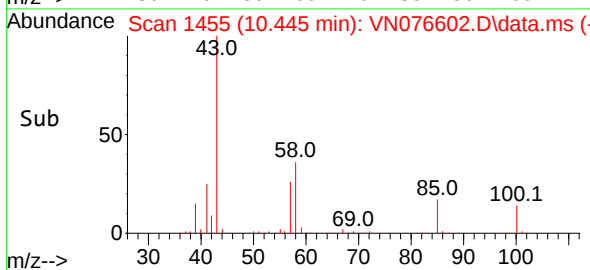
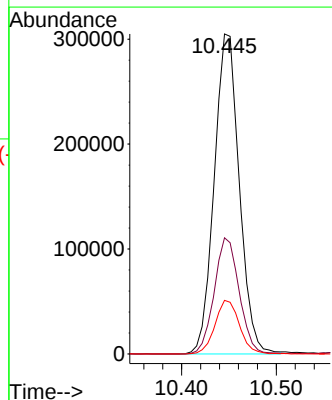
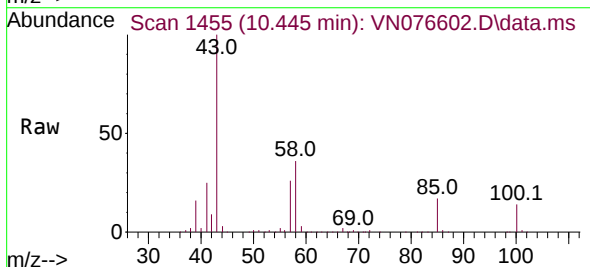
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

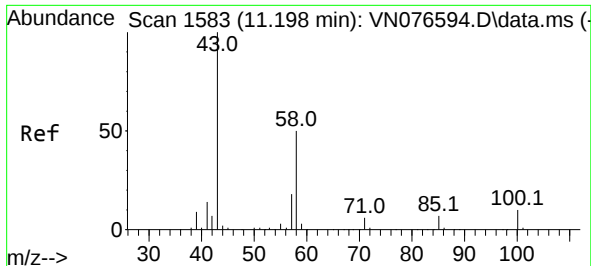
Tgt Ion:117 Resp: 238281
Ion Ratio Lower Upper
117 100
82 61.6 44.6 67.0
119 32.0 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 84.208 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 43 Resp: 560916
Ion Ratio Lower Upper
43 100
58 36.1 30.8 46.2
85 16.3 13.3 19.9

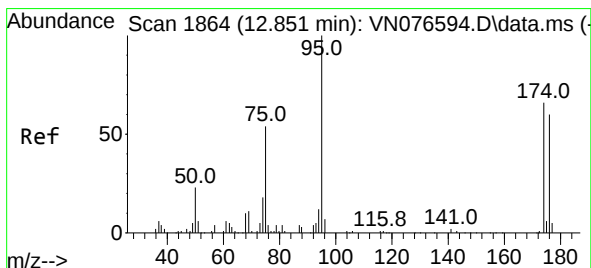
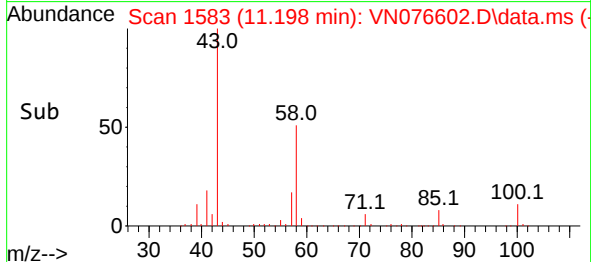
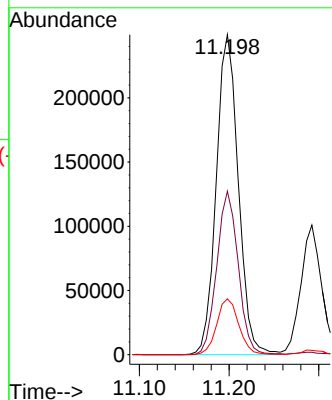
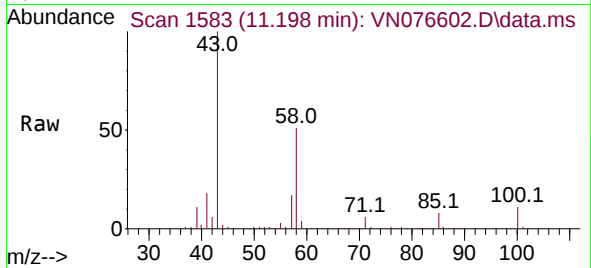




#59
2-Hexanone
Concen: 87.938 ug/l
RT: 11.198 min Scan# 1583
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

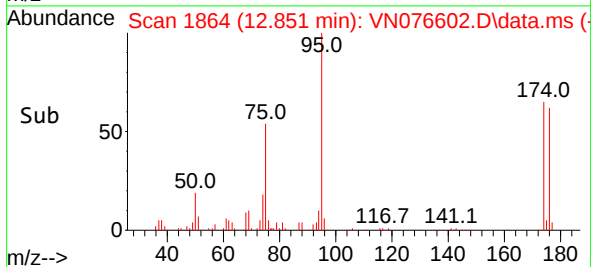
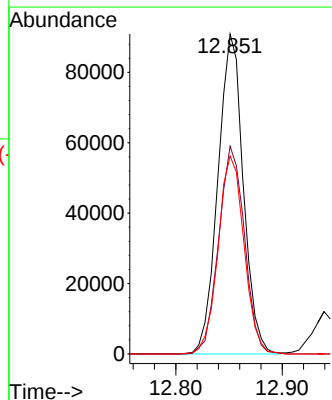
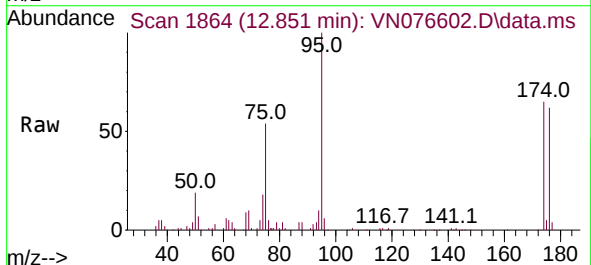
Instrument :
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ClientSampleId :
VN0210WBS01

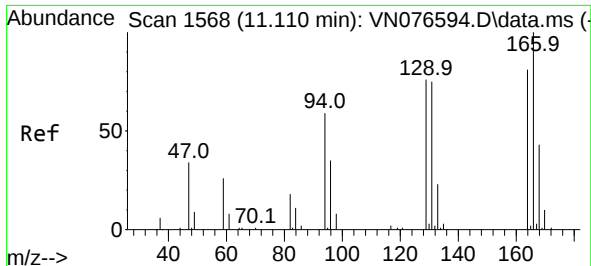
Tgt Ion: 43 Resp: 425899
Ion Ratio Lower Upper
43 100
58 49.7 43.6 65.4
57 17.5 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 27.903 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 95 Resp: 150101
Ion Ratio Lower Upper
95 100
174 65.9 57.8 86.8
176 63.2 57.0 85.4

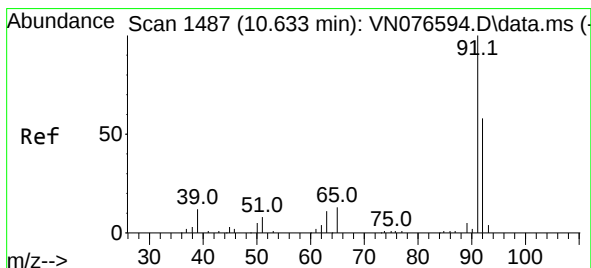
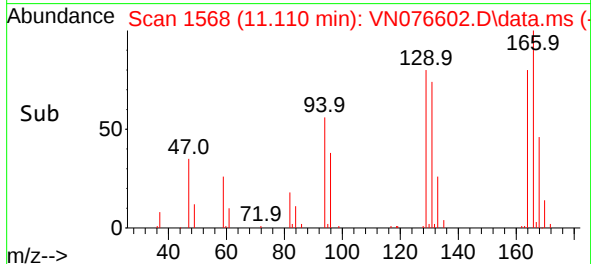
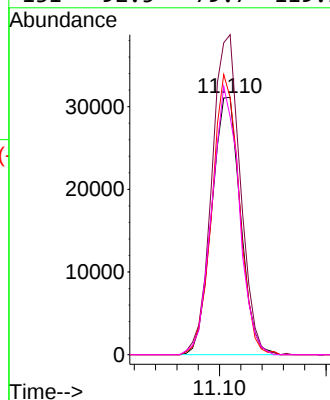
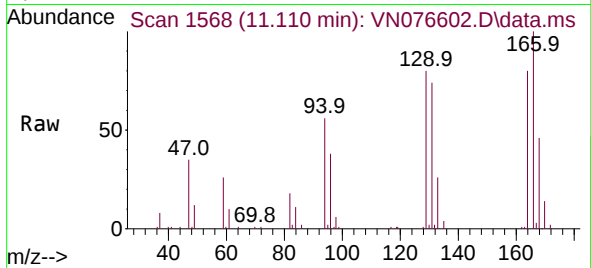




#61
Tetrachloroethene
Concen: 19.097 ug/l
RT: 11.110 min Scan# 11
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

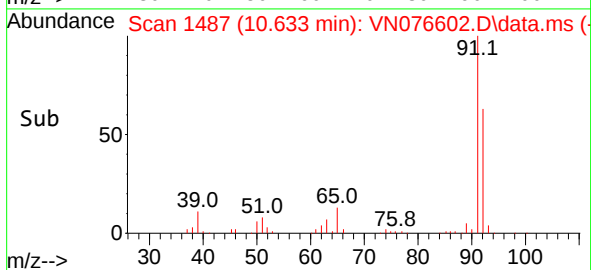
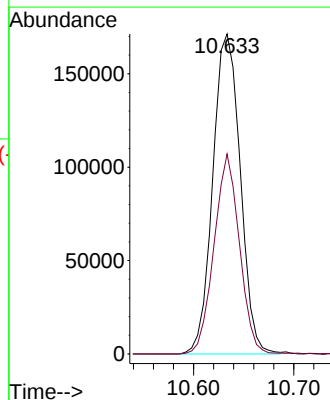
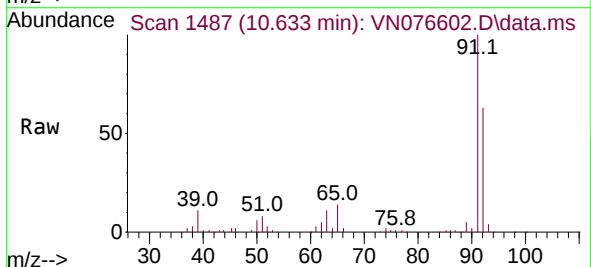
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

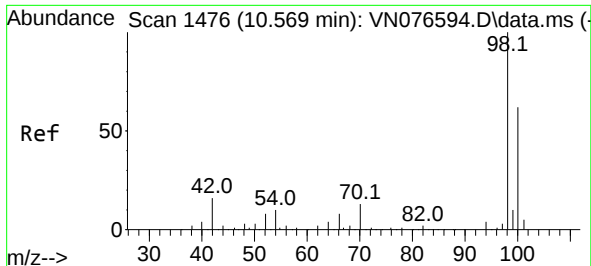
Tgt Ion:164 Resp: 58169
Ion Ratio Lower Upper
164 100
166 124.4 99.6 149.4
129 100.1 84.0 126.0
131 92.5 79.7 119.5



#62
Toluene
Concen: 18.450 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 91 Resp: 325948
Ion Ratio Lower Upper
91 100
92 57.8 46.0 69.0

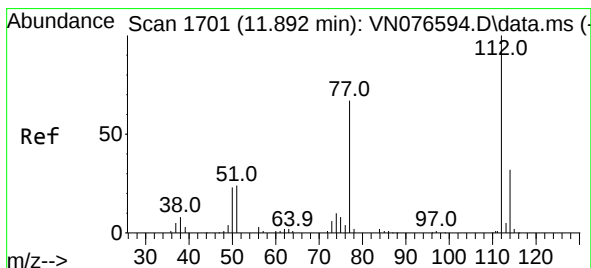
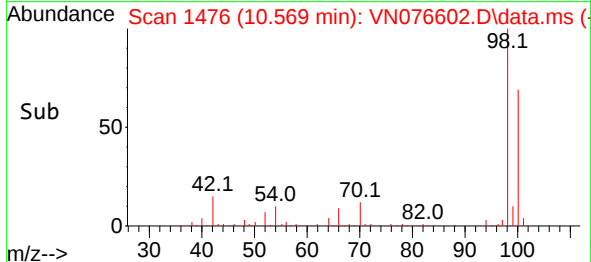
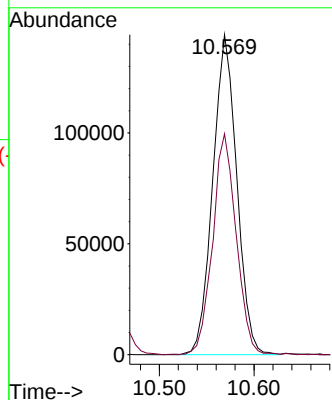
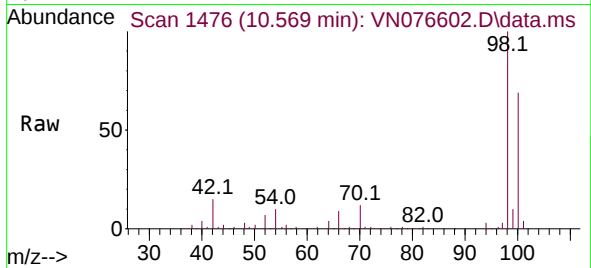




#63
Toluene-d8
Concen: 29.097 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

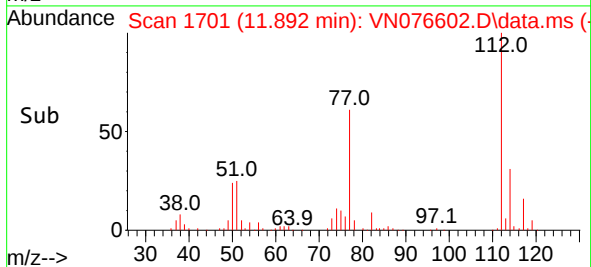
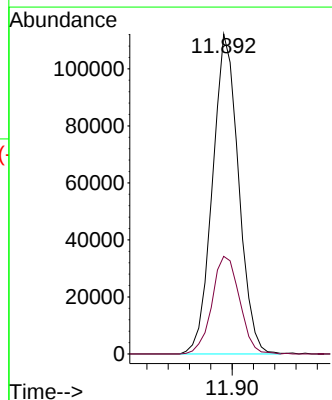
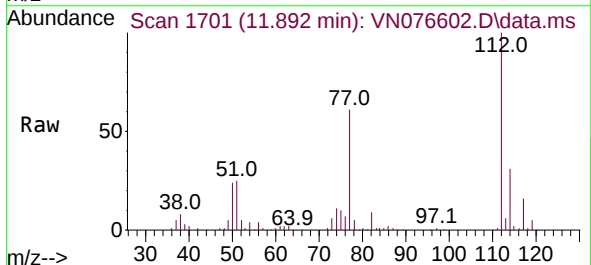
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

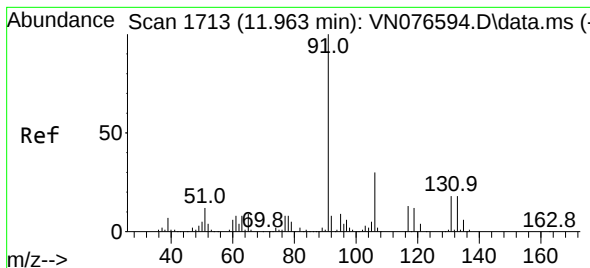
Tgt Ion: 98 Resp: 254577
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1



#64
Chlorobenzene
Concen: 18.606 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 112 Resp: 190413
Ion Ratio Lower Upper
112 100
114 30.5 24.7 37.1

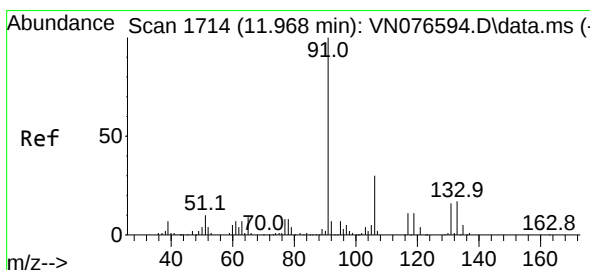
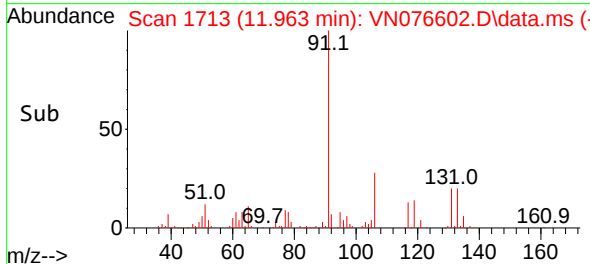
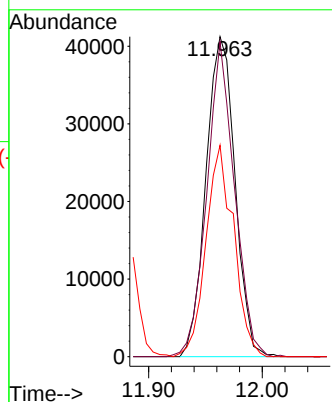
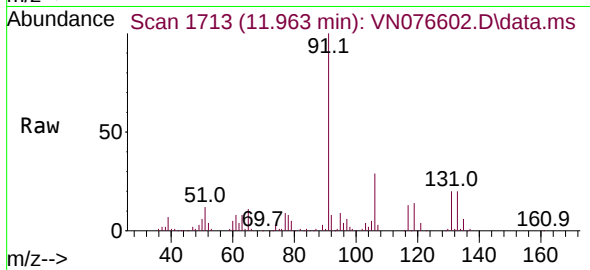




#65
1,1,1,2-Tetrachloroethane
Concen: 18.880 ug/l
RT: 11.963 min Scan# 1713
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

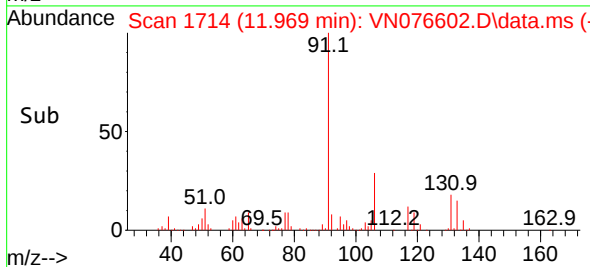
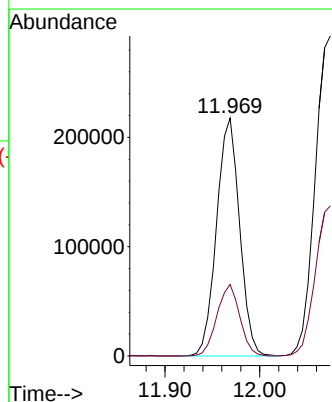
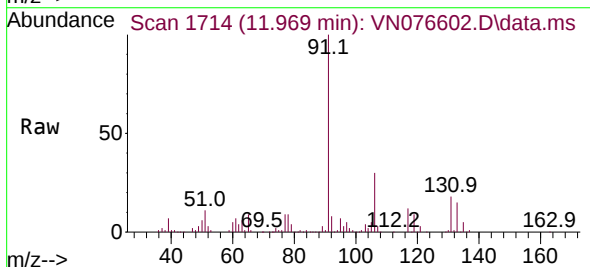
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

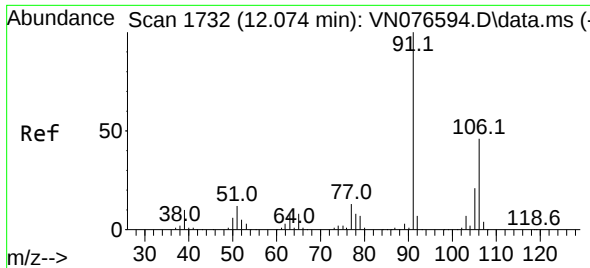
Tgt Ion:131 Resp: 73252
Ion Ratio Lower Upper
131 100
133 93.7 0.0 191.8
119 62.9 0.0 135.8



#66
Ethyl Benzene
Concen: 19.001 ug/l
RT: 11.969 min Scan# 1714
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 91 Resp: 367999
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1

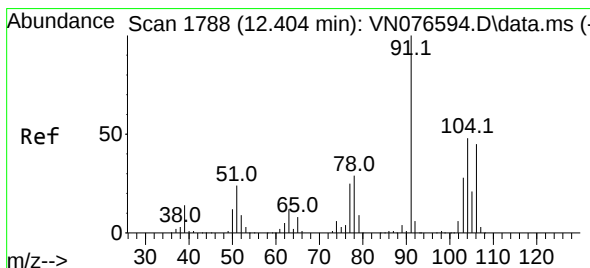
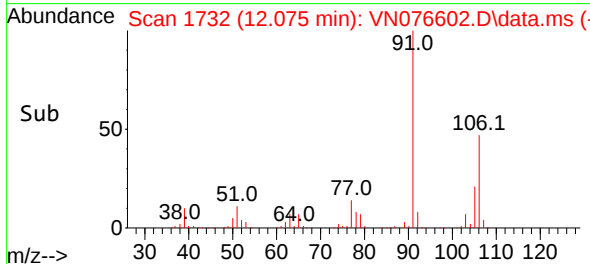
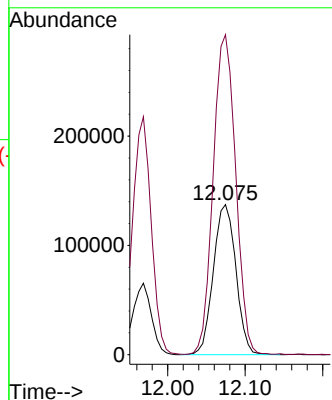
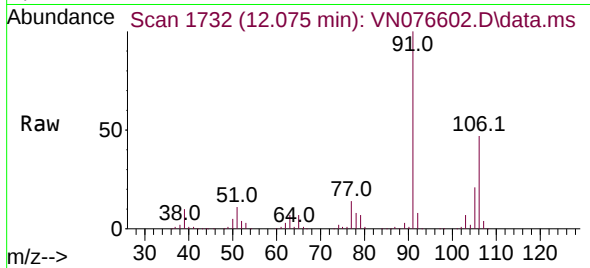




#67
m/p-Xylenes
Concen: 38.317 ug/l
RT: 12.075 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

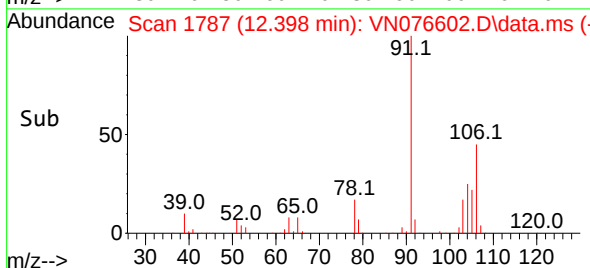
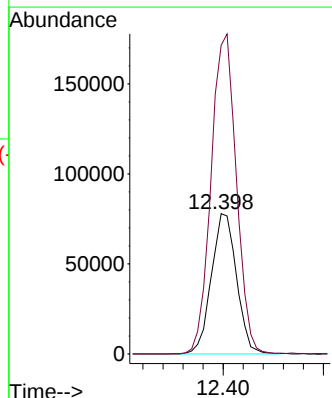
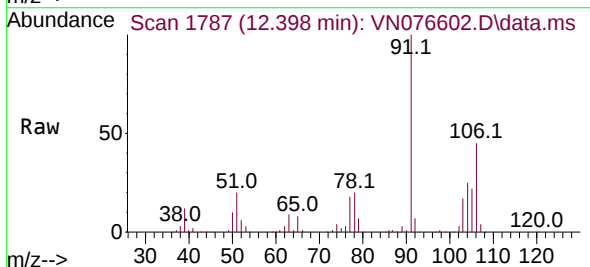
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

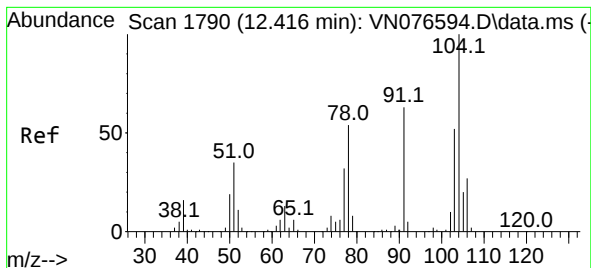
Tgt Ion:106 Resp: 278435
Ion Ratio Lower Upper
106 100
91 212.8 164.2 246.4



#68
o-Xylene
Concen: 18.993 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion:106 Resp: 135967
Ion Ratio Lower Upper
106 100
91 229.1 108.5 325.5





#69

Styrene

Concen: 19.401 ug/l

RT: 12.416 min Scan# 1

Delta R.T. 0.004 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

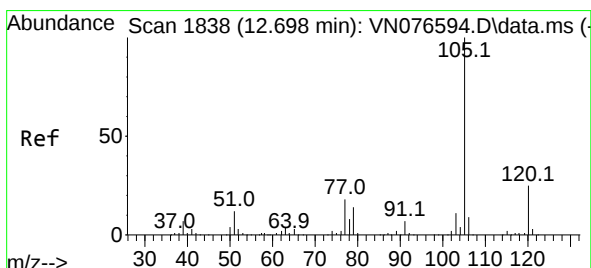
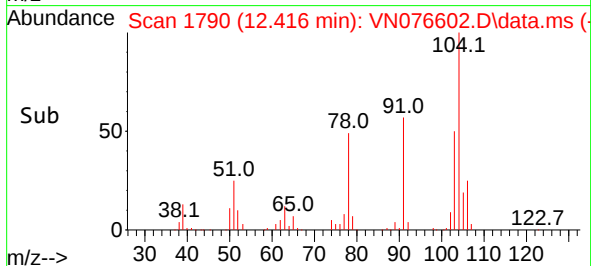
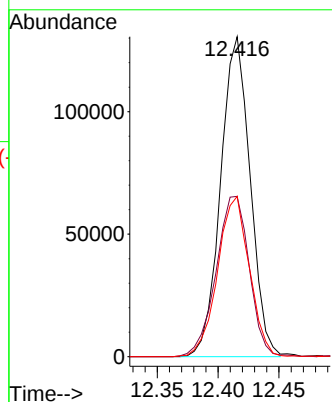
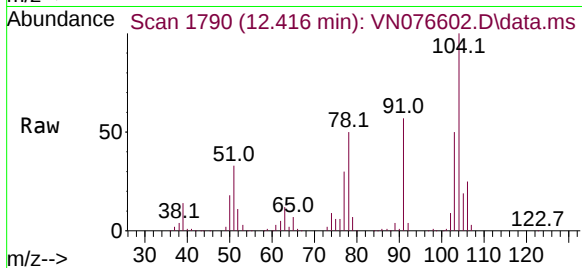
Tgt Ion:104 Resp: 220455

Ion Ratio Lower Upper

104 100

78 56.3 39.9 59.9

103 53.7 43.8 65.8



#70

Isopropylbenzene

Concen: 18.433 ug/l

RT: 12.698 min Scan# 1838

Delta R.T. -0.002 min

Lab File: VN076602.D

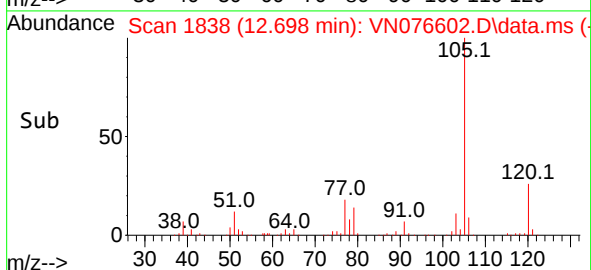
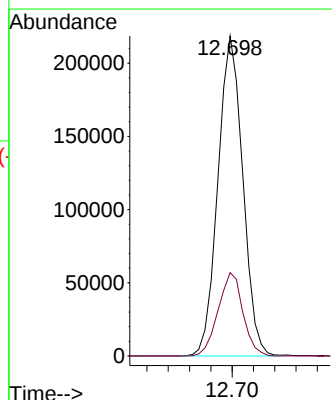
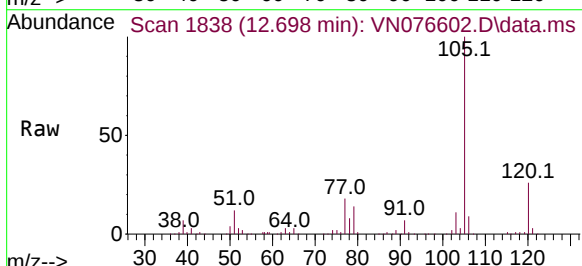
Acq: 10 Feb 2023 11:35

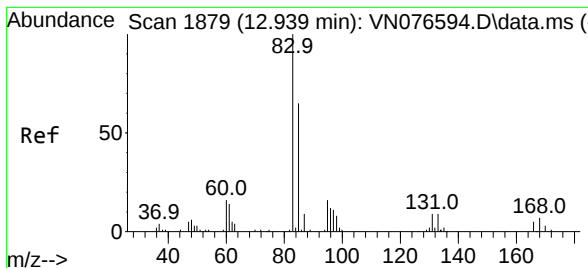
Tgt Ion:105 Resp: 353627

Ion Ratio Lower Upper

105 100

120 25.9 18.5 34.3

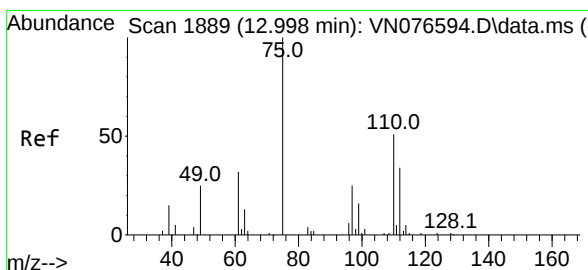
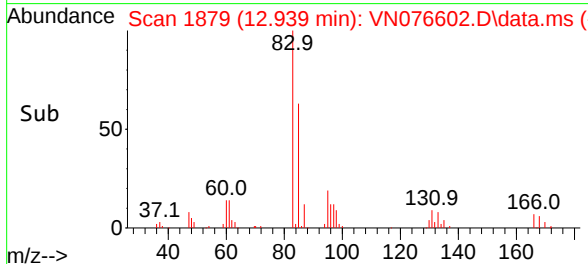
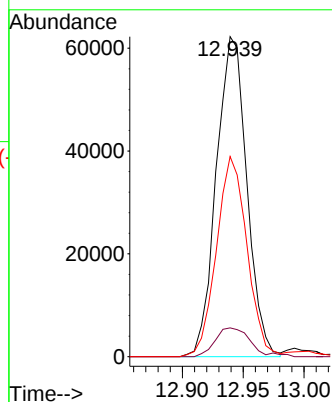
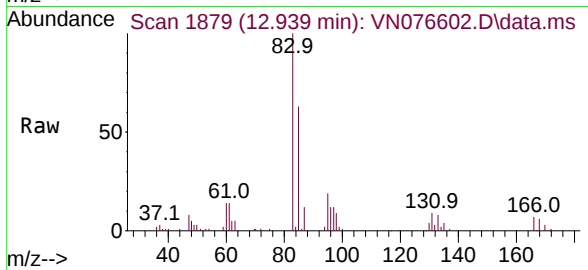




#71
1,1,2,2-Tetrachloroethane
Concen: 16.260 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

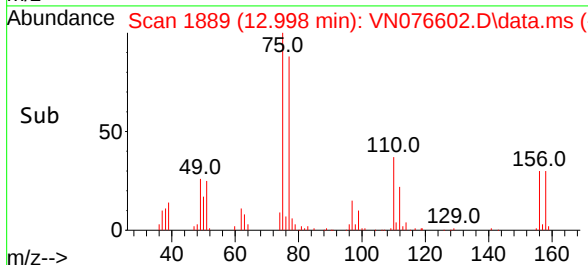
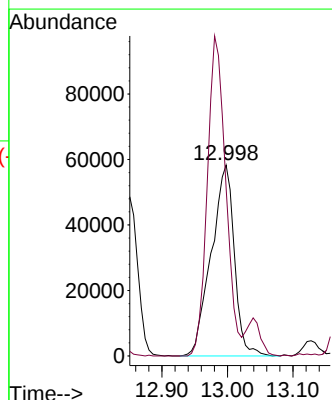
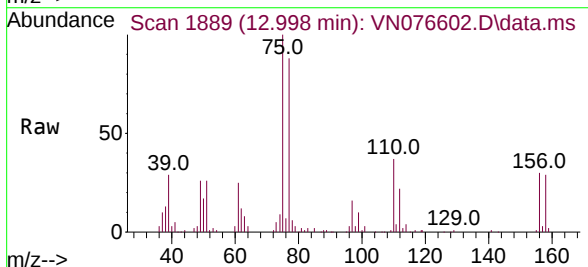
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

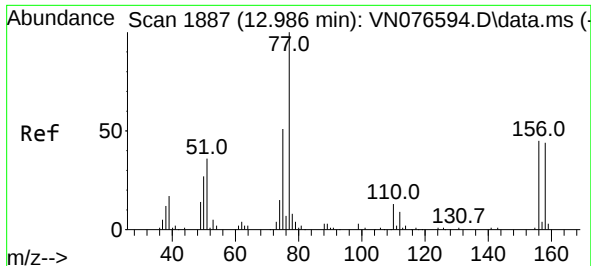
Tgt Ion: 83 Resp: 108758
Ion Ratio Lower Upper
83 100
131 9.9 4.5 13.5
85 62.4 30.9 92.7



#72
1,2,3-Trichloropropane
Concen: 23.304 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 75 Resp: 142364
Ion Ratio Lower Upper
75 100
77 134.1 0.0 372.4

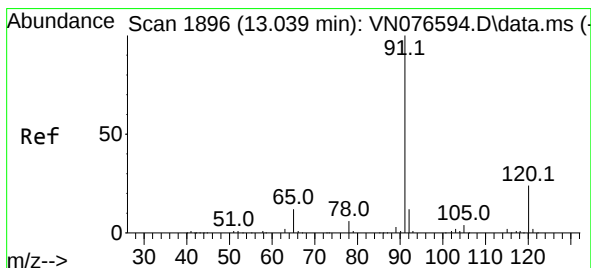
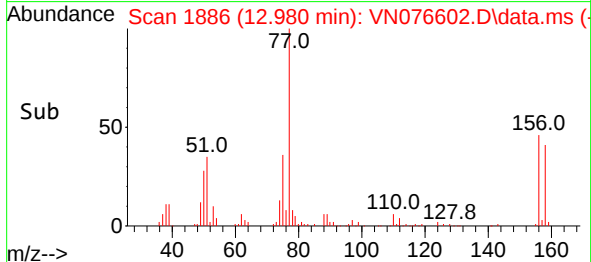
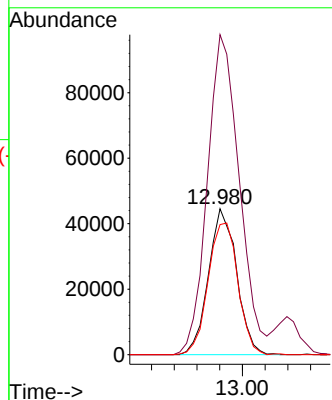
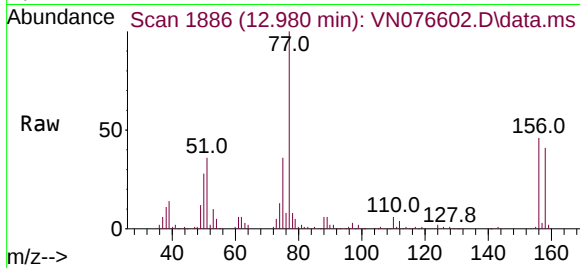




#73
Bromobenzene
Concen: 16.863 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

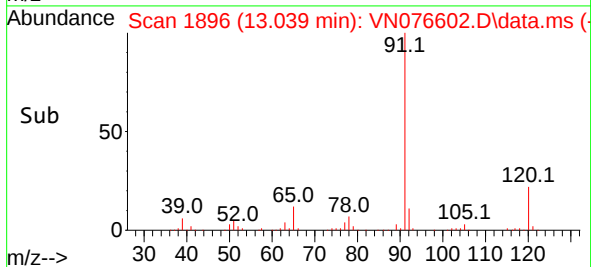
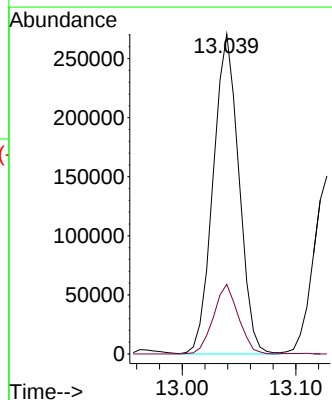
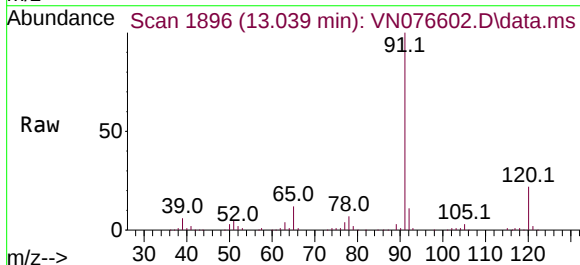
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

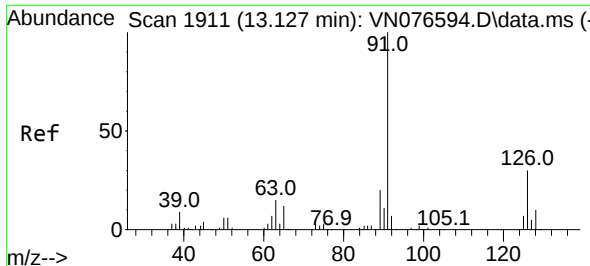
Tgt Ion:156 Resp: 76766
Ion Ratio Lower Upper
156 100
77 248.8 0.0 491.8
158 95.1 0.0 185.0



#74
n-propylbenzene
Concen: 17.316 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 91 Resp: 426057
Ion Ratio Lower Upper
91 100
120 21.0 0.0 44.6

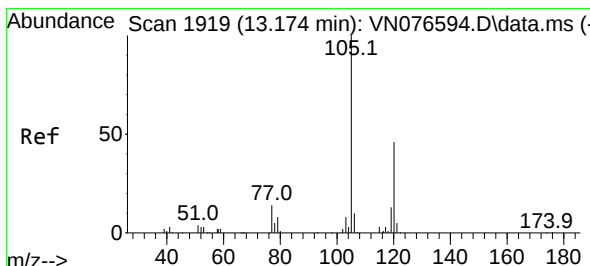
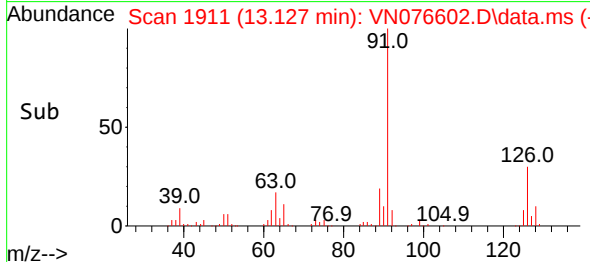
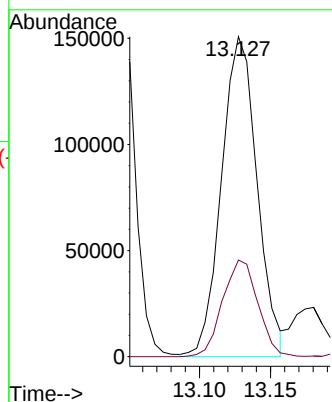
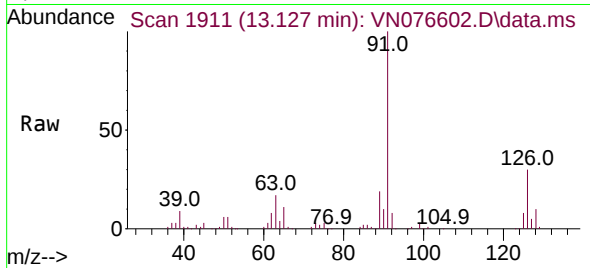




#75
2-Chlorotoluene
Concen: 16.979 ug/l
RT: 13.127 min Scan# 1911
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

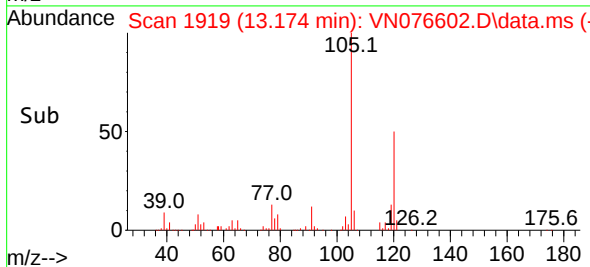
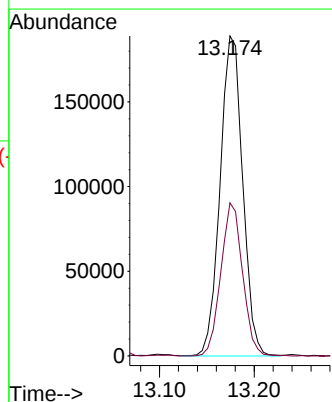
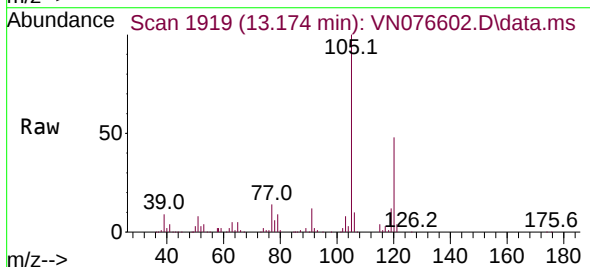
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

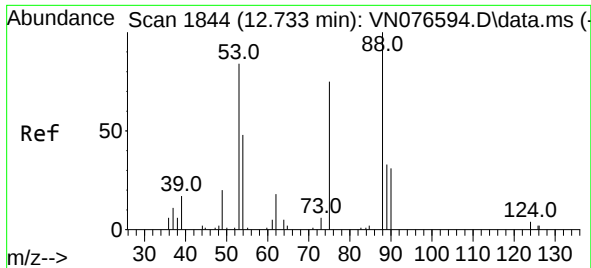
Tgt Ion: 91 Resp: 262792
Ion Ratio Lower Upper
91 100
126 29.9 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 17.477 ug/l
RT: 13.174 min Scan# 1919
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion:105 Resp: 313092
Ion Ratio Lower Upper
105 100
120 45.9 0.0 97.4

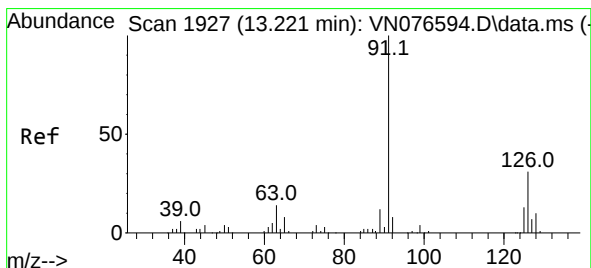
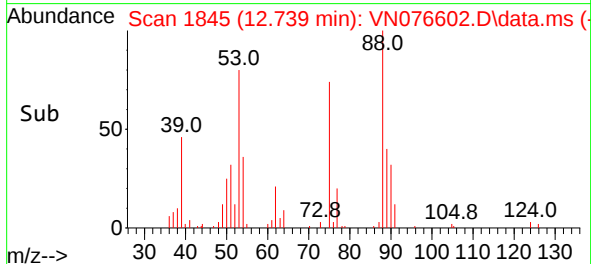
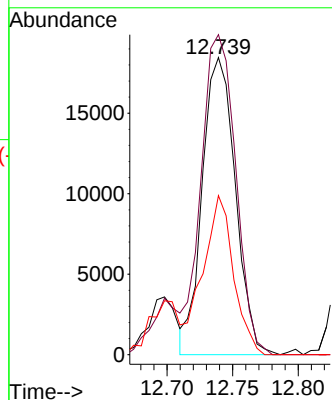
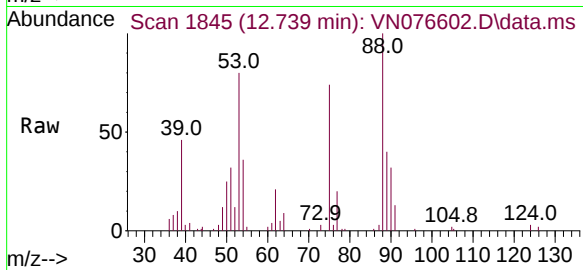




#77
t-1,4-Dichloro-2-butene
Concen: 17.634 ug/l
RT: 12.739 min Scan# 1844
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

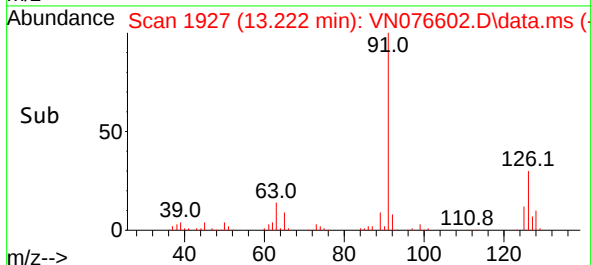
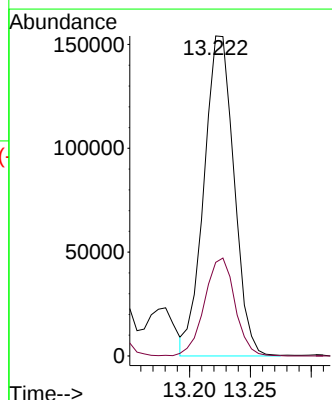
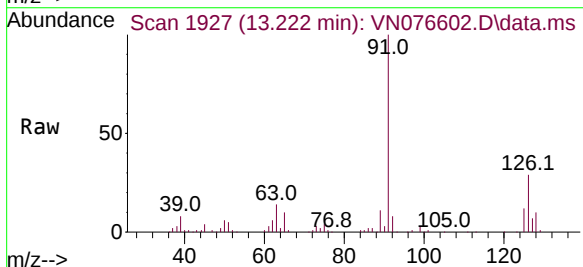
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

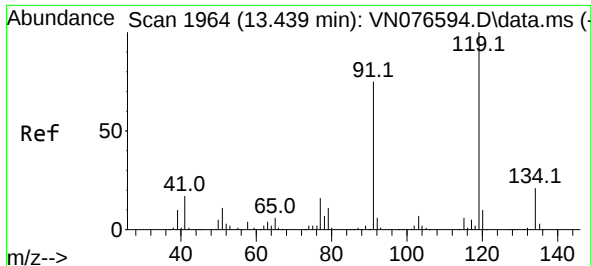
Tgt Ion: 75 Resp: 32493
Ion Ratio Lower Upper
75 100
53 107.7 43.3 129.9
89 53.5 21.1 63.1



#78
4-Chlorotoluene
Concen: 17.040 ug/l
RT: 13.222 min Scan# 1927
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 91 Resp: 265188
Ion Ratio Lower Upper
91 100
126 31.0 0.0 67.8

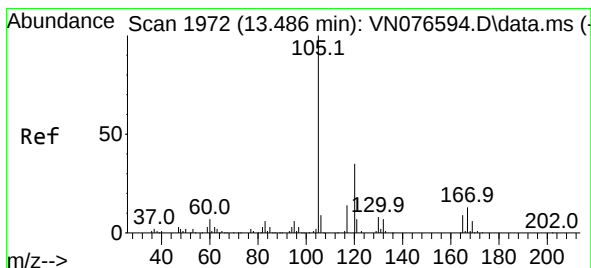
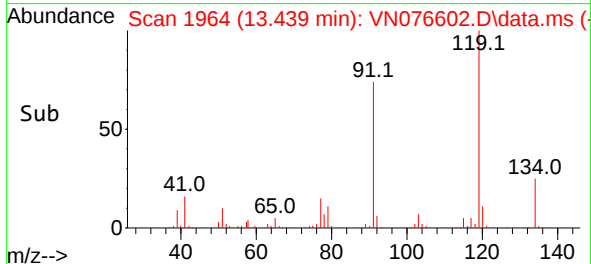
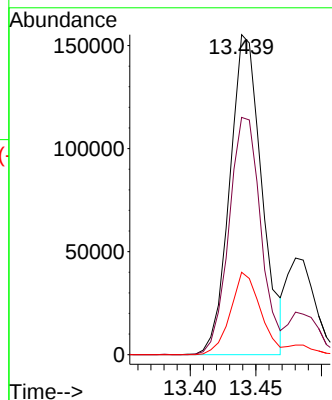
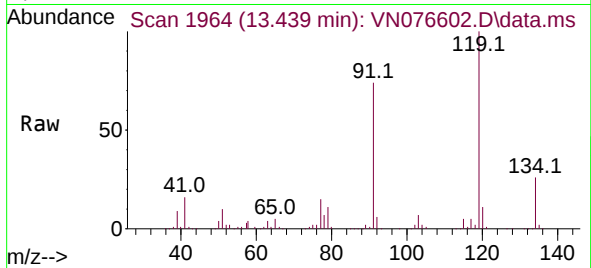




#79
tert-butylbenzene
Concen: 17.400 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

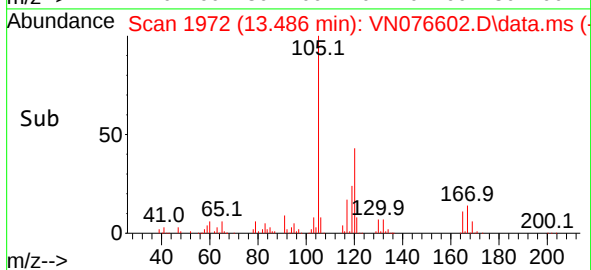
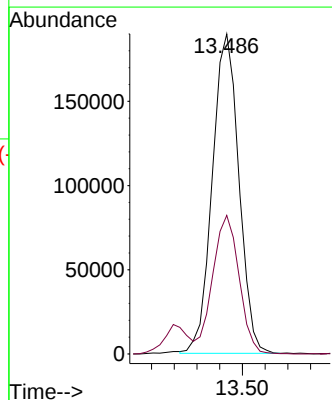
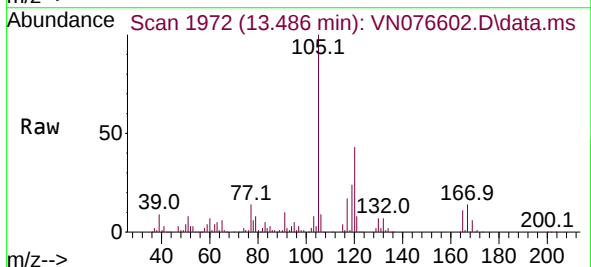
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

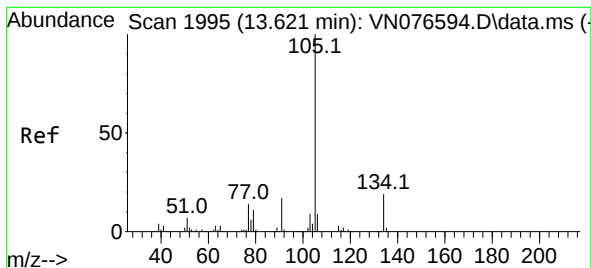
Tgt Ion:119 Resp: 264595
Ion Ratio Lower Upper
119 100
91 73.6 0.0 129.0
134 24.0 0.0 52.2



#80
1,2,4-Trimethylbenzene
Concen: 17.436 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion:105 Resp: 308057
Ion Ratio Lower Upper
105 100
120 43.2 0.0 93.2

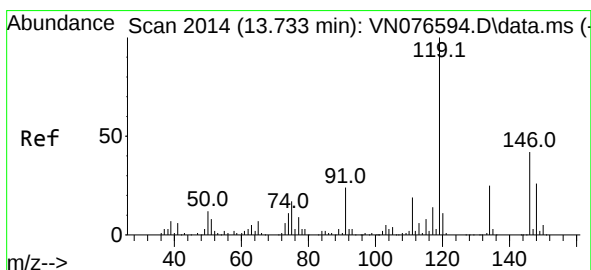
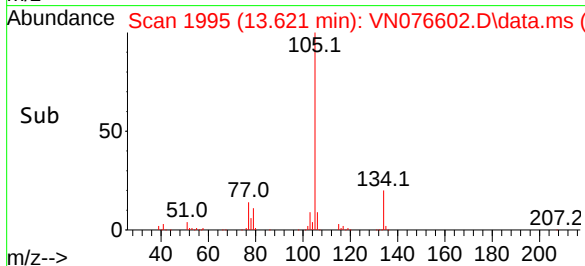
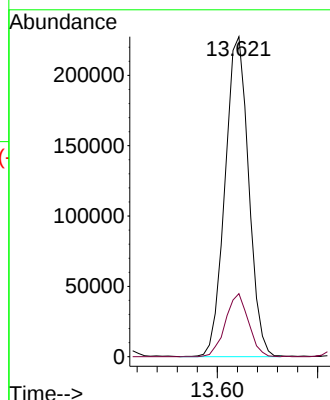
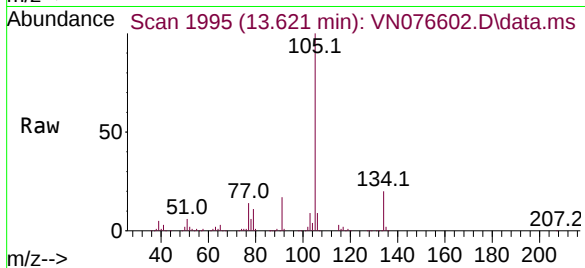




#81
 sec-Butylbenzene
 Concen: 17.473 ug/l
 RT: 13.621 min Scan# 1995
 Delta R.T. 0.003 min
 Lab File: VN076602.D
 Acq: 10 Feb 2023 11:35

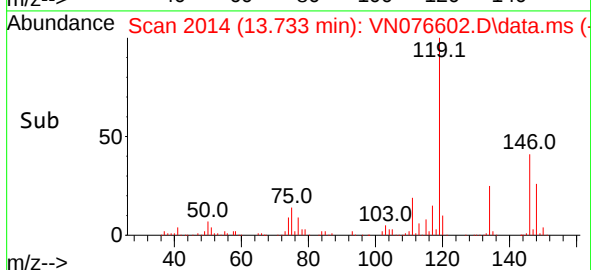
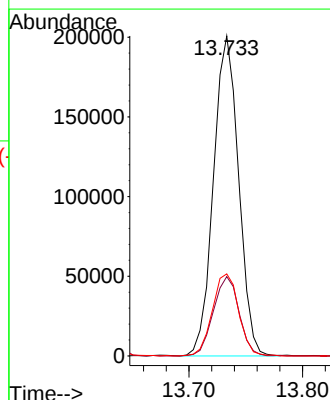
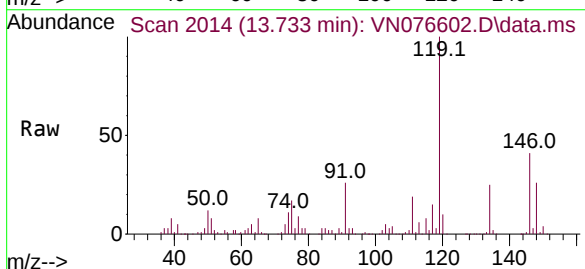
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01

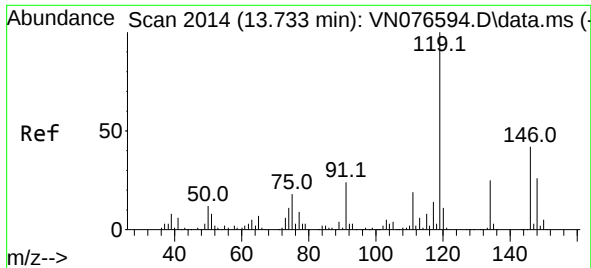
Tgt Ion:105 Resp: 372043
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 18.053 ug/l
 RT: 13.733 min Scan# 2014
 Delta R.T. 0.004 min
 Lab File: VN076602.D
 Acq: 10 Feb 2023 11:35

Tgt Ion:119 Resp: 308864
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.4
 91 26.8 0.0 46.8

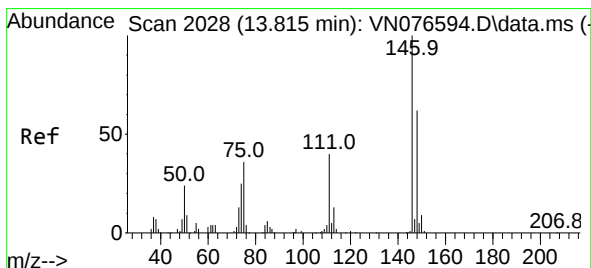
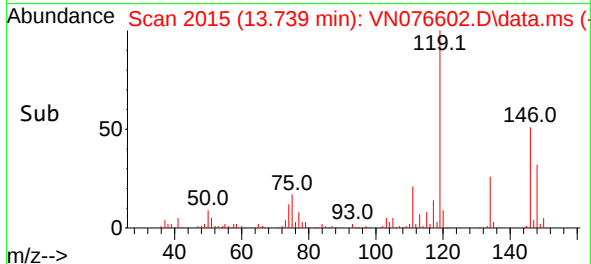
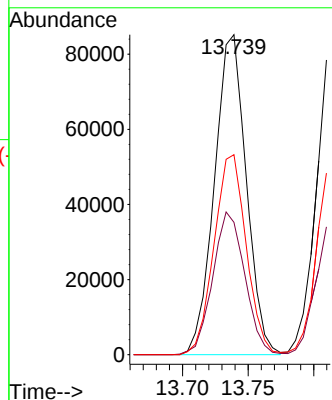
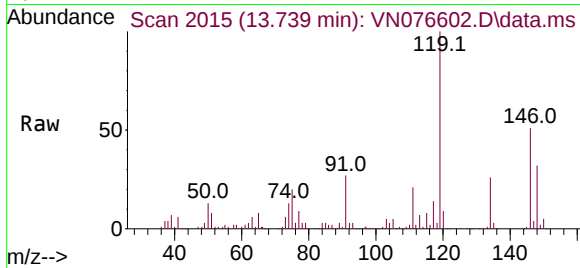




#83
1,3-Dichlorobenzene
Concen: 17.087 ug/l
RT: 13.739 min Scan# 2014
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

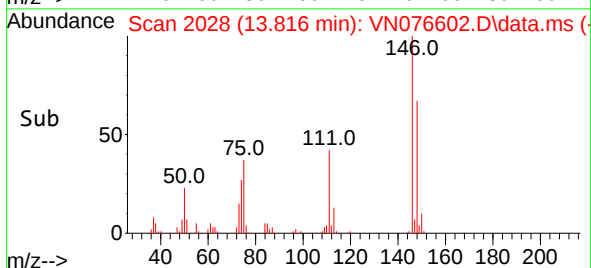
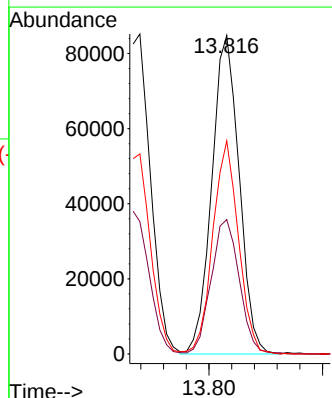
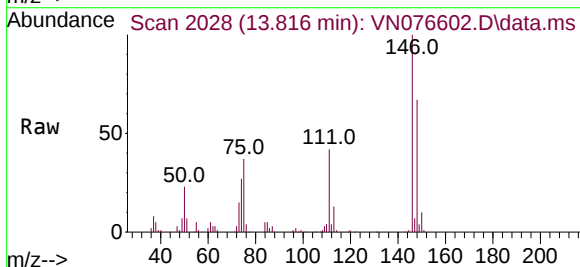
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

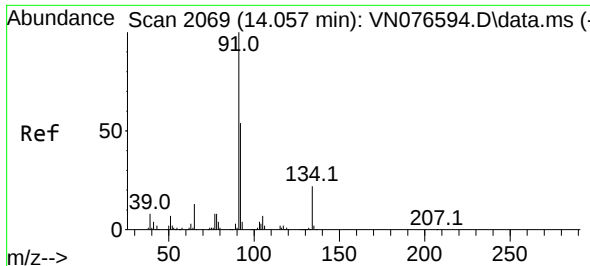
Tgt Ion:146 Resp: 143872
Ion Ratio Lower Upper
146 100
111 45.0 20.5 61.5
148 63.1 31.0 93.0



#84
1,4-Dichlorobenzene
Concen: 16.887 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion:146 Resp: 141864
Ion Ratio Lower Upper
146 100
111 43.5 19.1 57.5
148 62.8 31.7 95.1

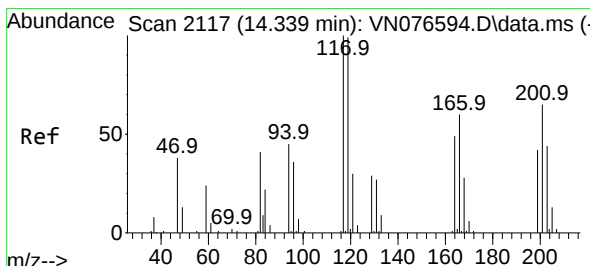
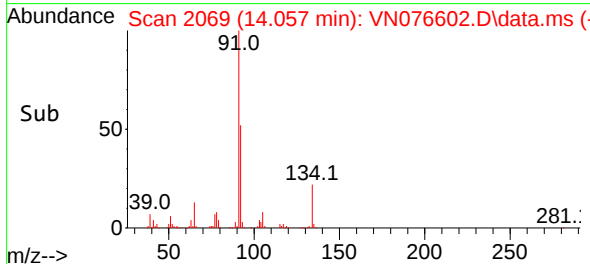
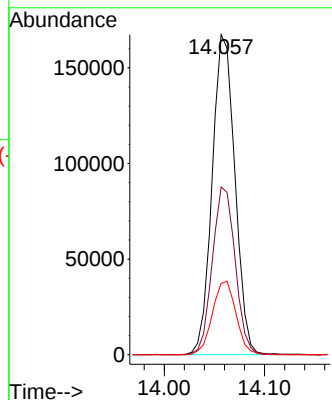
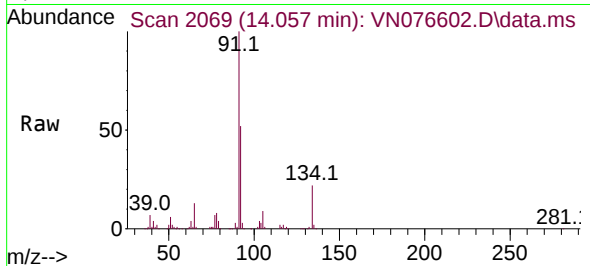




#85
n-Butylbenzene
Concen: 16.620 ug/l
RT: 14.057 min Scan# 2069
Delta R.T. -0.002 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

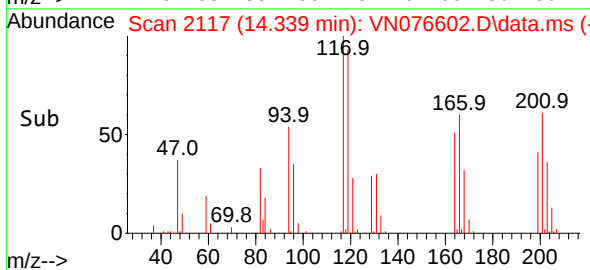
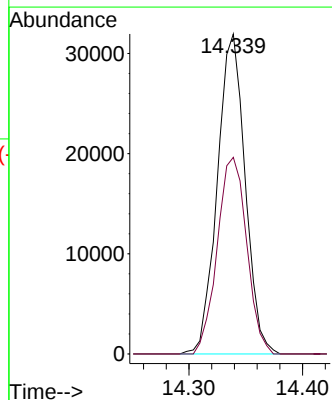
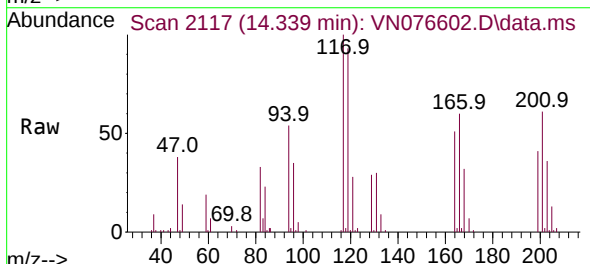
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

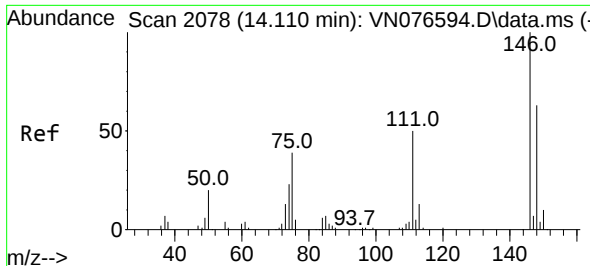
Tgt Ion: 91 Resp: 264052
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.4
134 23.9 0.0 46.4



#86
Hexachloroethane
Concen: 16.363 ug/l
RT: 14.339 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 117 Resp: 54356
Ion Ratio Lower Upper
117 100
201 64.9 29.4 88.3

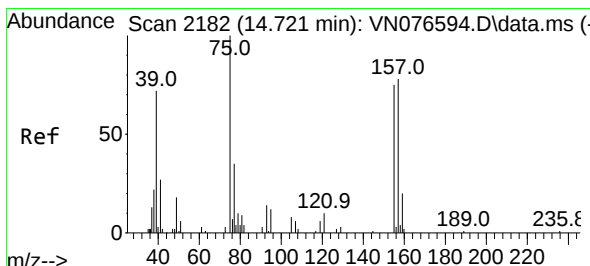
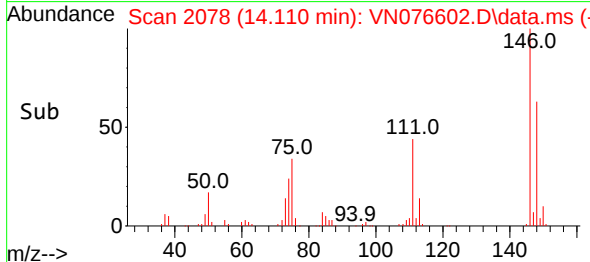
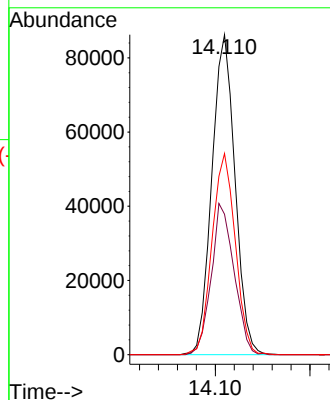
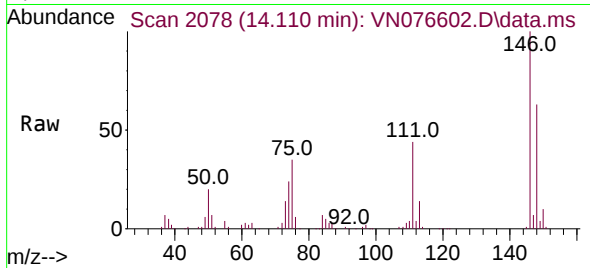




#87
1,2-Dichlorobenzene
Concen: 15.823 ug/l
RT: 14.110 min Scan# 2078
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

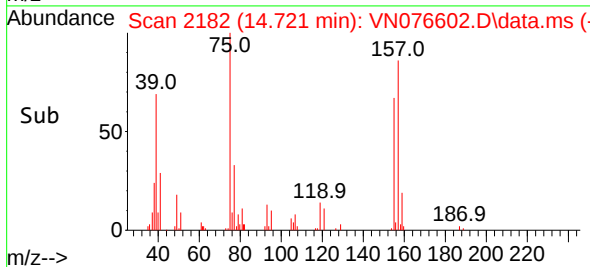
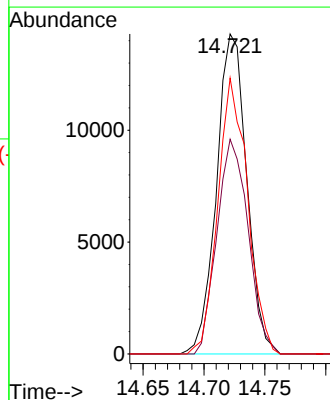
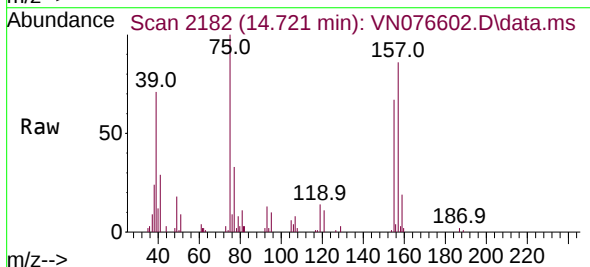
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

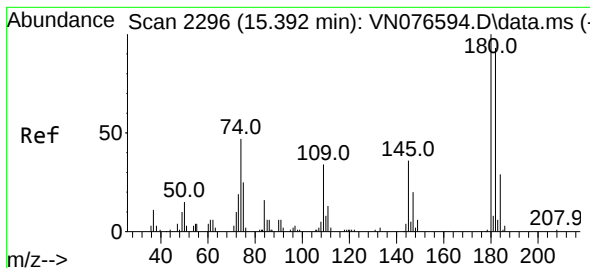
Tgt Ion:146 Resp: 146251
Ion Ratio Lower Upper
146 100
111 46.6 21.4 64.2
148 63.3 30.6 92.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.166 ug/l
RT: 14.721 min Scan# 2182
Delta R.T. 0.004 min
Lab File: VN076602.D
Acq: 10 Feb 2023 11:35

Tgt Ion: 75 Resp: 24767
Ion Ratio Lower Upper
75 100
155 69.1 66.3 99.5
157 84.4 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 19.870 ug/l

RT: 15.398 min Scan# 2296

Delta R.T. 0.004 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

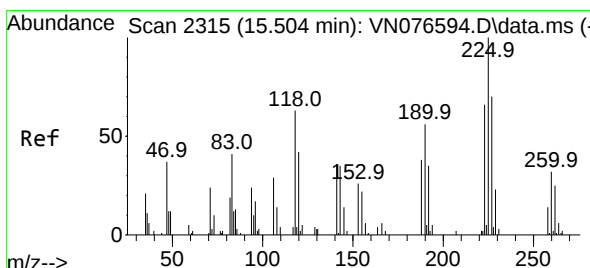
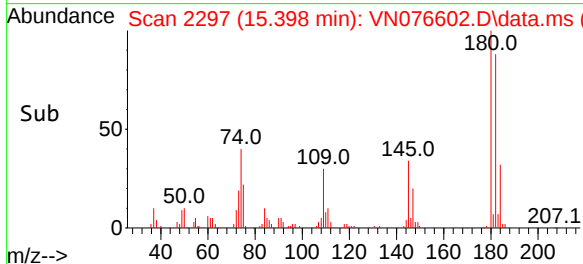
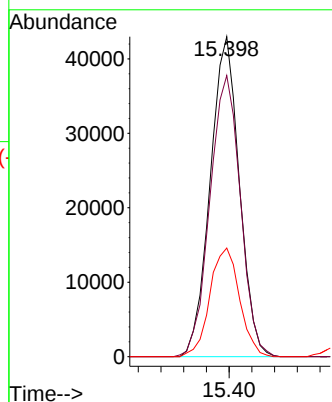
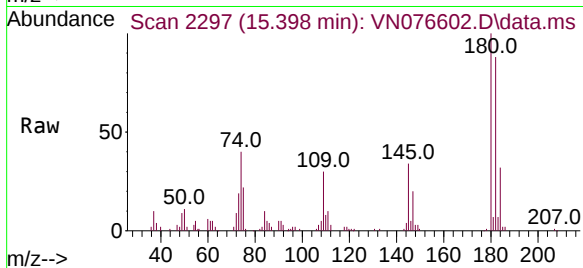
Tgt Ion:180 Resp: 76596

Ion Ratio Lower Upper

180 100

182 91.8 74.9 112.3

145 34.6 26.3 39.5



#90

Hexachlorobutadiene

Concen: 20.568 ug/l

RT: 15.504 min Scan# 2315

Delta R.T. 0.004 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

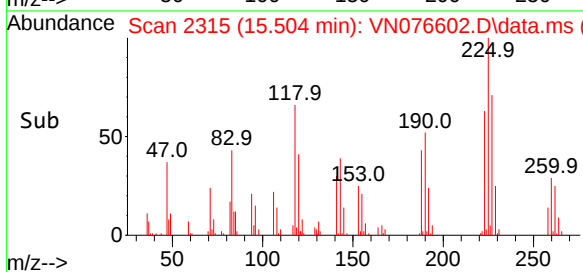
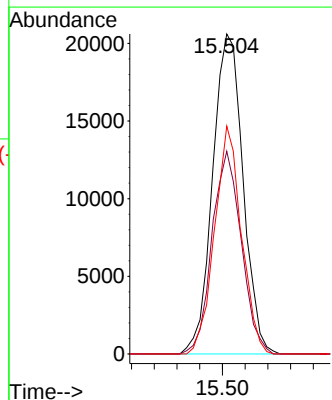
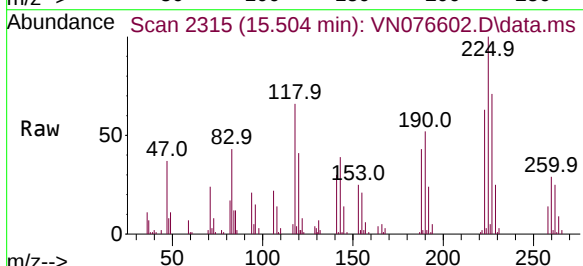
Tgt Ion:225 Resp: 38302

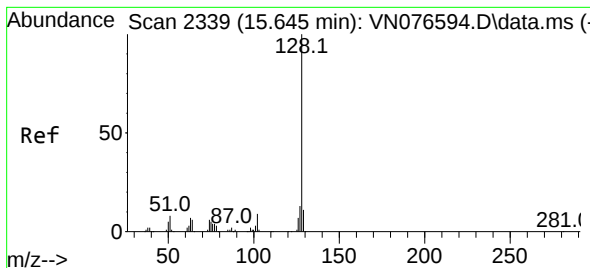
Ion Ratio Lower Upper

225 100

223 60.9 0.0 125.0

227 62.8 0.0 123.0





#91

Naphthalene

Concen: 18.840 ug/l

RT: 15.645 min Scan# 2339

Delta R.T. 0.004 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

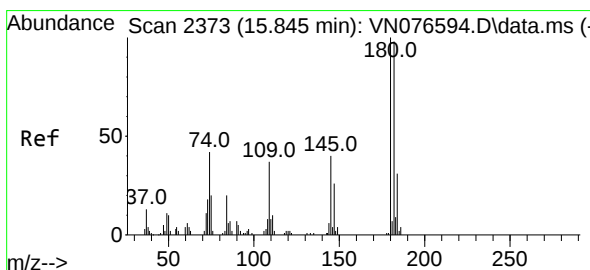
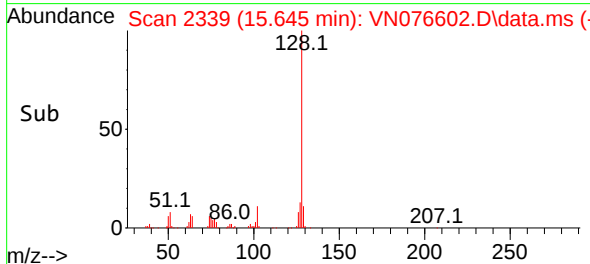
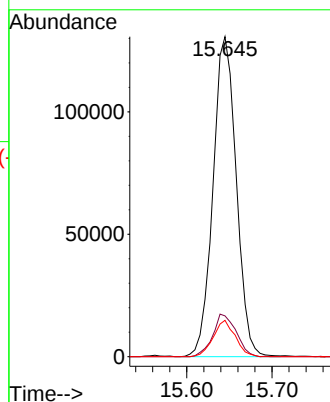
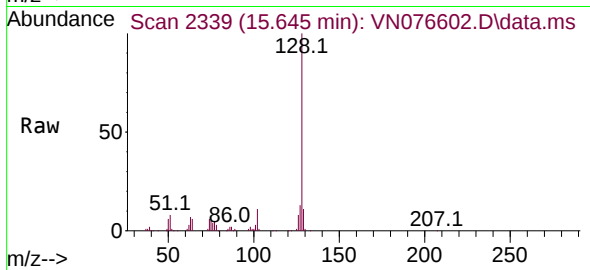
Tgt Ion:128 Resp: 247788

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.8 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 19.408 ug/l

RT: 15.845 min Scan# 2373

Delta R.T. 0.004 min

Lab File: VN076602.D

Acq: 10 Feb 2023 11:35

Tgt Ion:180 Resp: 74671

Ion Ratio Lower Upper

180 100

182 95.3 0.0 185.4

145 36.0 0.0 68.6

