

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074358.D
 Acq On : 08 Sep 2022 14:51
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090822

Quant Time: Sep 09 05:28:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	68700	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	407401	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	381179	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	217720	30.867	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.900%
60) 4-Bromofluorobenzene	12.674	95	224936	29.508	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.367%
63) Toluene-d8	10.381	98	639285	29.859	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	96925	19.930	ug/l	97
3) Chloromethane	2.263	50	130311	19.443	ug/l	89
4) Vinyl Chloride	2.405	62	142449	19.875	ug/l	99
5) Bromomethane	2.793	94	113498	25.687	ug/l	96
6) Chloroethane	2.957	64	104443	21.495	ug/l	98
7) Trichlorofluoromethane	3.310	101	158737	19.578	ug/l	99
8) Diethyl Ether	3.763	74	66469	19.665	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.140	101	96565	20.356	ug/l	61
10) 1,1-Dichloroethene	4.116	96	91093	19.893	ug/l	95
11) Methyl Iodide	4.346	142	110555	19.664	ug/l	90
12) Methyl Acetate	4.775	43	194971	19.594	ug/l #	89
13) Acrolein	3.975	56	129785	96.688	ug/l	100
14) Acrylonitrile	5.475	53	387475	100.465	ug/l	97
15) Acetone	4.216	58	103639	101.405	ug/l	100
16) Carbon Disulfide	4.452	76	264183	20.132	ug/l	96
17) Allyl chloride	4.763	41	193871	19.606	ug/l	93
18) Methylene Chloride	5.004	84	116497	19.986	ug/l	88
19) trans-1,2-Dichloroethene	5.504	96	51835	9.900	ug/l	96
20) Diisopropyl ether	6.410	45	406724	19.974	ug/l	90
21) 1,1-Dichloroethane	6.304	63	209440	19.582	ug/l	98
22) cis-1,2-Dichloroethene	7.245	96	121548	19.102	ug/l	91
23) tert-Butyl Alcohol	5.287	59	176337	105.588	ug/l #	100
25) Chloroform	7.751	83	212630	19.568	ug/l	95
26) Cyclohexane	8.022	56	194398	19.800	ug/l #	95
29) 1,1-Dichloropropene	8.145	75	156537	19.329	ug/l	95
30) 2-Butanone	7.257	43	587972	102.521	ug/l	94
31) 2,2-Dichloropropane	7.245	77	195009	19.679	ug/l #	80
32) 1,1,1-Trichloroethane	7.939	97	189543	18.986	ug/l	95
33) Carbon Tetrachloride	8.134	117	161795	18.729	ug/l	98
34) Benzene	8.387	78	484343	19.452	ug/l #	94
35) Methacrylonitrile	7.563	41	114016	21.636	ug/l	94
36) 1,2-Dichloroethane	8.457	62	175122	19.224	ug/l	100
37) Trichloroethene	9.151	130	107977	18.871	ug/l	94
38) Methylcyclohexane	9.398	83	196371	19.262	ug/l	92
39) 1,2-Dichloropropane	9.428	63	126528	19.733	ug/l	97
40) Dibromomethane	9.516	93	88043	19.735	ug/l	94
41) Bromodichloromethane	9.698	83	171473	19.343	ug/l	95
42) Vinyl Acetate	6.345	43	1855308	98.013	ug/l	99
43) Ethyl Acetate	7.334	43	223349	19.626	ug/l	100

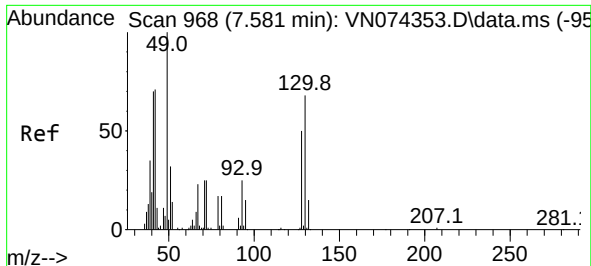
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.492	43	359709	19.887	ug/l	98
45) 1,4-Dioxane	9.504	88	69100	412.731	ug/l	95
46) Methyl methacrylate	9.498	41	151470	19.581	ug/l	92
47) n-amyl Acetate	12.333	43	317393	19.307	ug/l	95
48) t-1,3-Dichloropropene	10.657	75	192843	18.624	ug/l	97
49) cis-1,3-Dichloropropene	10.128	75	203004	19.210	ug/l	95
50) 1,1,2-Trichloroethane	10.839	97	121361	19.229	ug/l	97
51) Ethyl methacrylate	10.704	69	220920	19.673	ug/l	91
52) 1,3-Dichloropropane	10.986	76	215884	19.723	ug/l	100
53) Dibromochloromethane	11.180	129	125839	18.542	ug/l	99
54) 1,2-Dibromoethane	11.286	107	126169	19.070	ug/l	96
55) 2-Chloroethyl vinyl ether	9.981	63	500189	92.731	ug/l	98
56) Bromoform	12.398	173	93227	18.033	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	1156572	97.615	ug/l	98
59) 2-Hexanone	11.028	43	918286	99.475	ug/l	99
61) Tetrachloroethene	10.916	164	87890	18.584	ug/l	95
62) Toluene	10.445	91	534292	19.387	ug/l	98
64) Chlorobenzene	11.710	112	311885	19.124	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	119774	19.391	ug/l	99
66) Ethyl Benzene	11.786	91	591112	19.393	ug/l	99
67) m/p-Xylenes	11.892	106	448339	38.577	ug/l	99
68) o-Xylene	12.222	106	229183	19.322	ug/l	99
69) Styrene	12.239	104	364875	18.597	ug/l	97
70) Isopropylbenzene	12.522	105	582054	18.895	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.769	83	206741	19.246	ug/l	98
72) 1,2,3-Trichloropropane	12.827	75	269383	30.534	ug/l	46
73) Bromobenzene	12.804	156	125788	18.827	ug/l	86
74) n-propylbenzene	12.863	91	672823	18.792	ug/l	98
75) 2-Chlorotoluene	12.951	91	406321	19.017	ug/l	97
76) 1,3,5-Trimethylbenzene	13.004	105	490809	18.949	ug/l	99
77) t-1,4-Dichloro-2-butene	12.569	75	72271	18.524	ug/l	99
78) 4-Chlorotoluene	13.045	91	391708	18.626	ug/l	96
79) tert-butylbenzene	13.269	119	427991	18.584	ug/l	99
80) 1,2,4-Trimethylbenzene	13.310	105	484713	18.590	ug/l #	81
81) sec-Butylbenzene	13.445	105	607103	18.902	ug/l	99
82) p-Isopropyltoluene	13.557	119	495245	18.653	ug/l	100
83) 1,3-Dichlorobenzene	13.557	146	235219	18.719	ug/l	99
84) 1,4-Dichlorobenzene	13.639	146	230810	18.543	ug/l	100
85) n-Butylbenzene	13.886	91	407242	17.478	ug/l	97
86) Hexachloroethane	14.151	117	99293	19.151	ug/l	94
87) 1,2-Dichlorobenzene	13.933	146	242105	18.635	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.545	75	49802	18.930	ug/l	97
89) 1,2,4-Trichlorobenzene	15.198	180	122052	17.969	ug/l	99
90) Hexachlorobutadiene	15.304	225	51861	17.890	ug/l	97
91) Naphthalene	15.439	128	498371	18.303	ug/l	99
92) 1,2,3-Trichlorobenzene	15.633	180	126582	18.355	ug/l	99

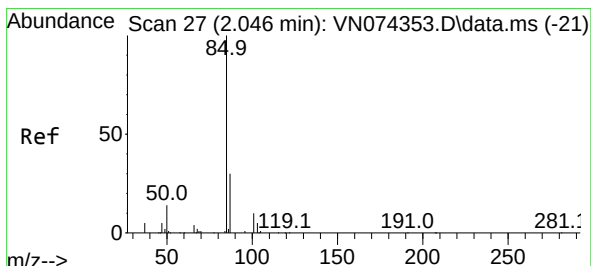
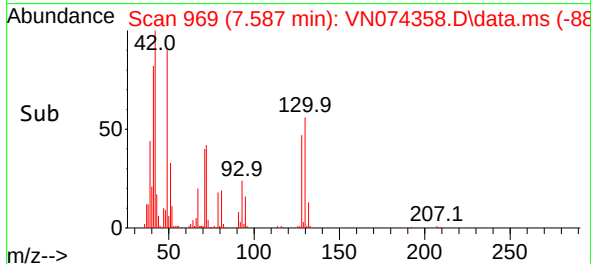
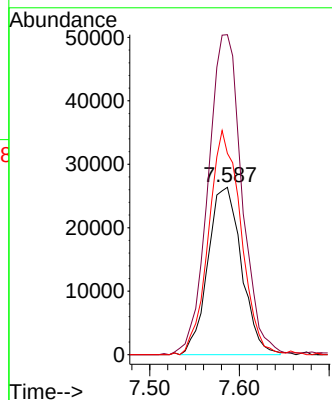
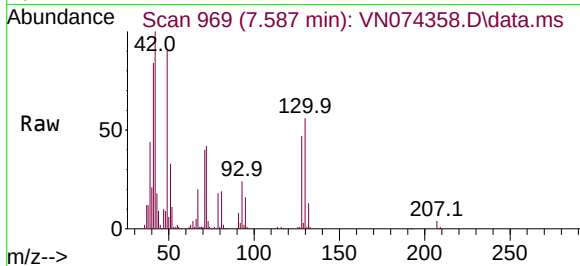
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

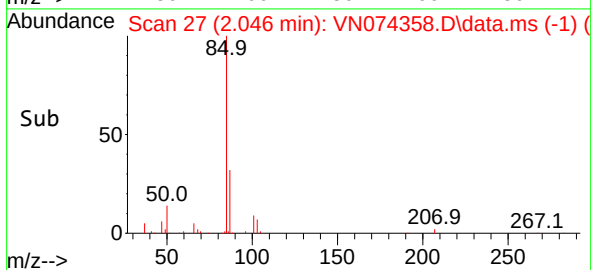
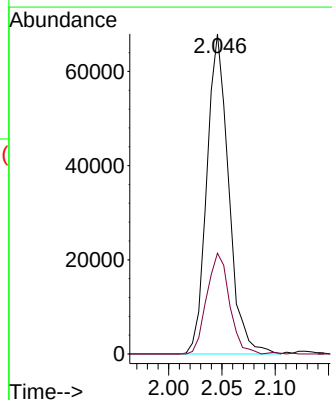
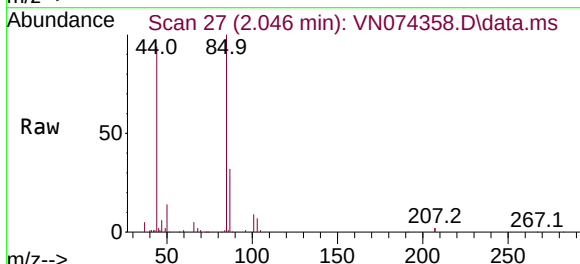
Instrument :
MSVOA_N
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ICVVN090822

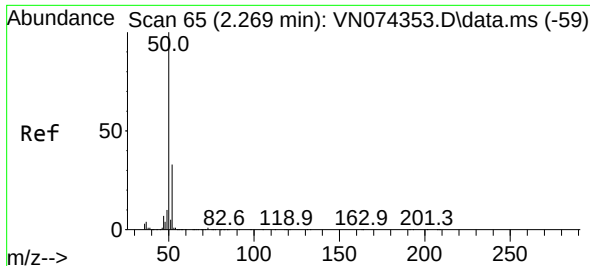
Tgt Ion:128 Resp: 68700
Ion Ratio Lower Upper
128 100
49 192.2 0.0 392.3
130 128.4 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 19.930 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 85 Resp: 96925
Ion Ratio Lower Upper
85 100
87 31.5 16.6 49.7

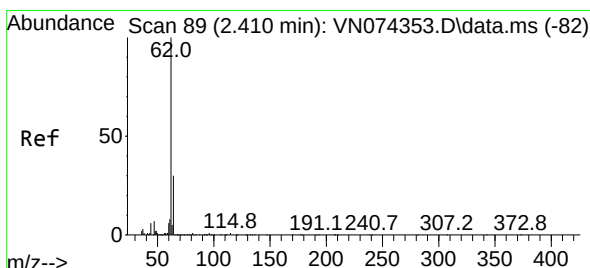
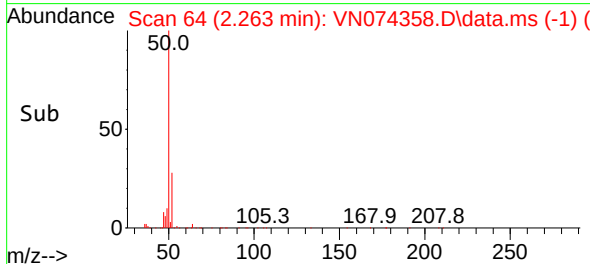
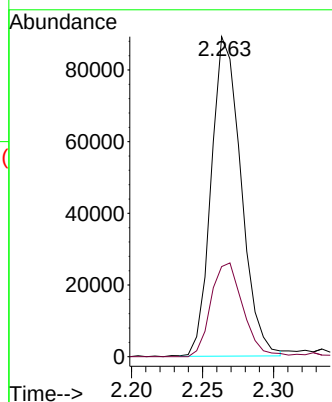
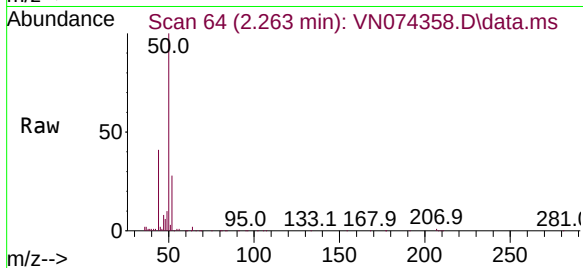




#3
Chloromethane
Concen: 19.443 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

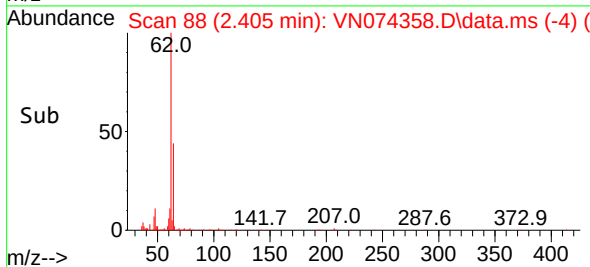
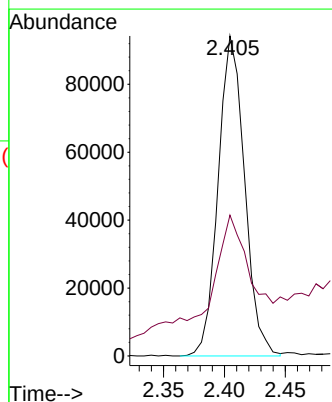
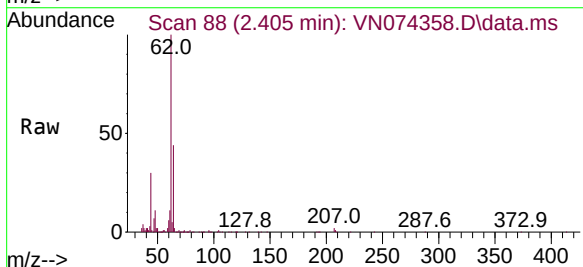
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

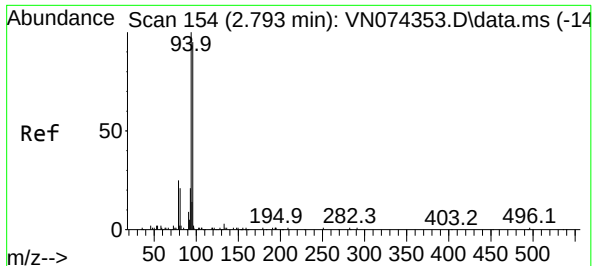
Tgt Ion: 50 Resp: 130311
Ion Ratio Lower Upper
50 100
52 28.2 27.8 41.6



#4
Vinyl Chloride
Concen: 19.875 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 62 Resp: 142449
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7

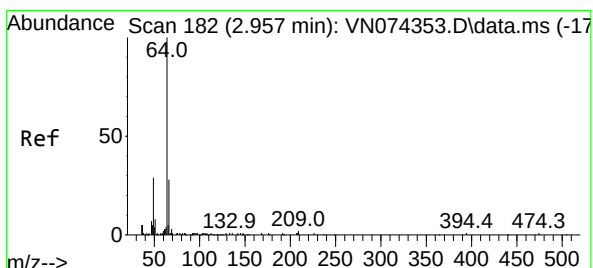
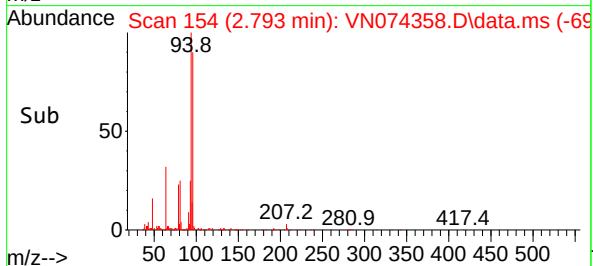
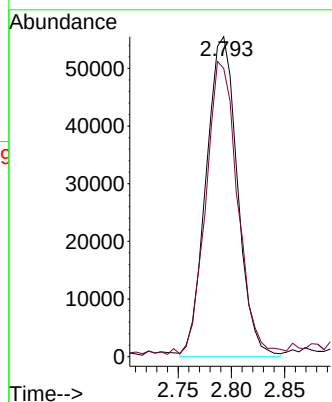
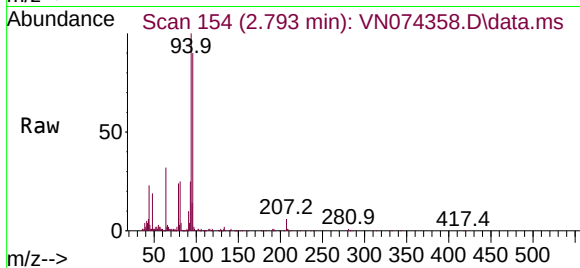




#5
Bromomethane
Concen: 25.687 ug/l
RT: 2.793 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

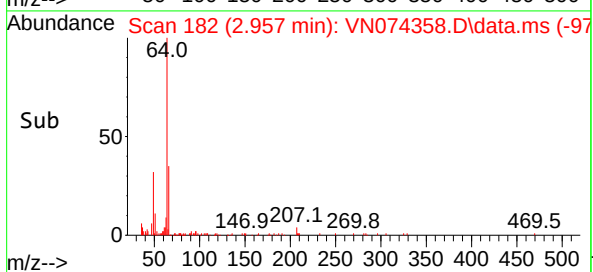
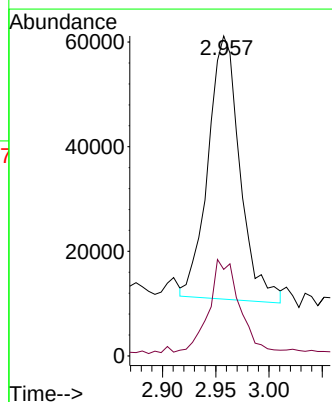
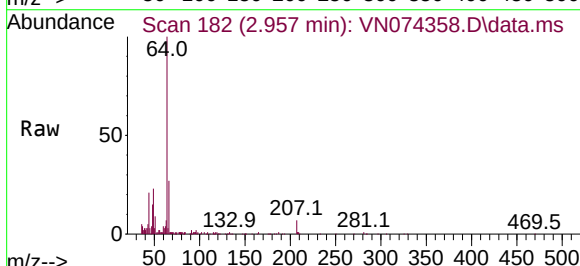
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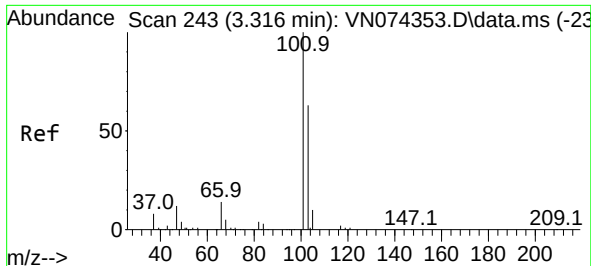
Tgt Ion: 94 Resp: 113498
Ion Ratio Lower Upper
94 100
96 90.0 75.2 112.8



#6
Chloroethane
Concen: 21.495 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 64 Resp: 104443
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8

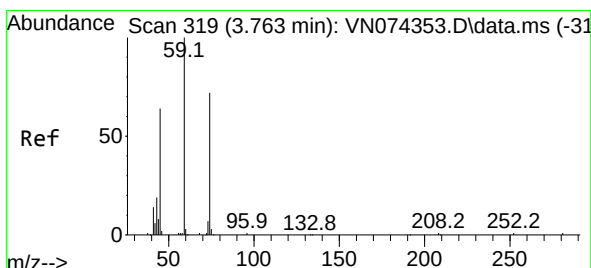
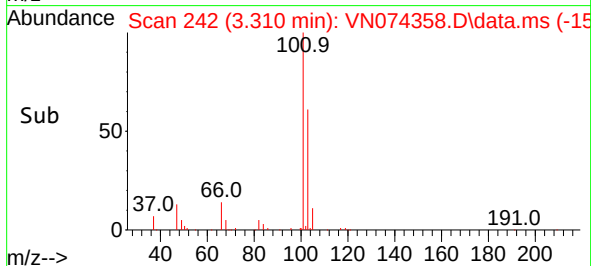
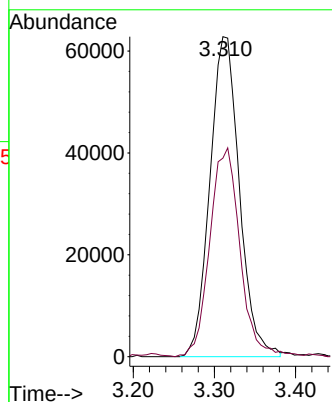
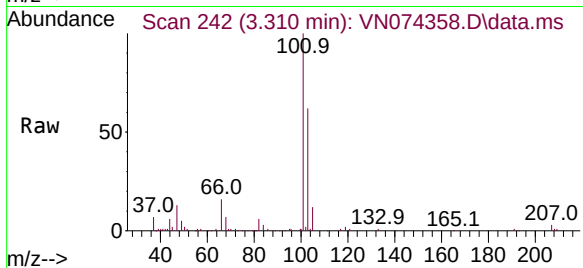




#7
 Trichlorofluoromethane
 Concen: 19.578 ug/l
 RT: 3.310 min Scan# 243
 Delta R.T. -0.006 min
 Lab File: VN074358.D
 Acq: 08 Sep 2022 14:51

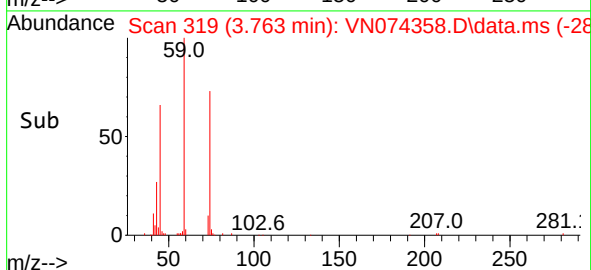
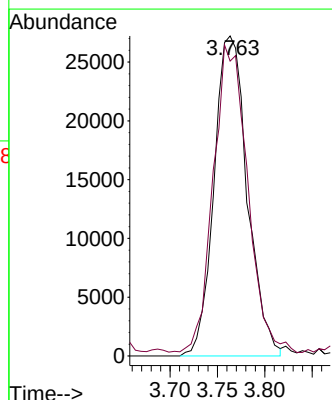
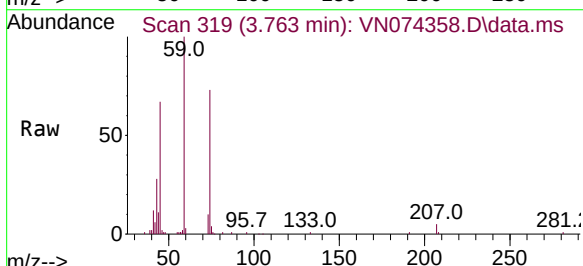
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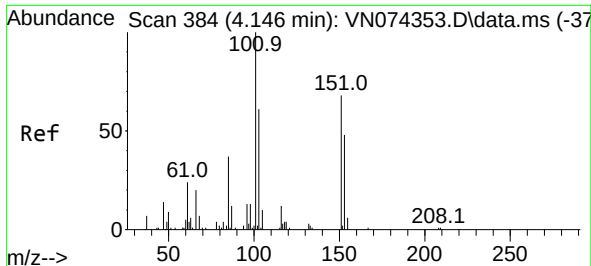
Tgt Ion:101 Resp: 158737
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.665 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074358.D
 Acq: 08 Sep 2022 14:51

Tgt Ion: 74 Resp: 66469
 Ion Ratio Lower Upper
 74 100
 45 100.3 17.6 158.8

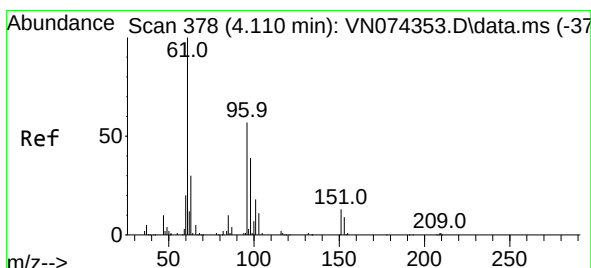
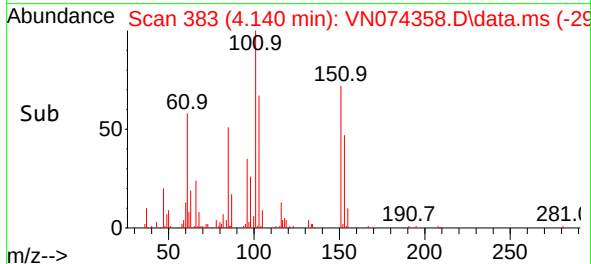
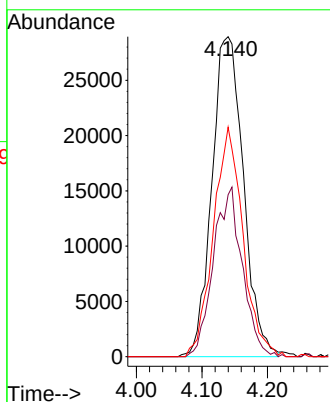
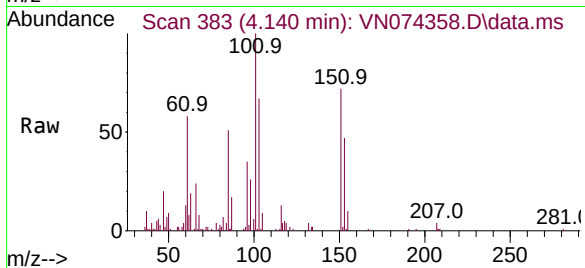




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.356 ug/l
RT: 4.140 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

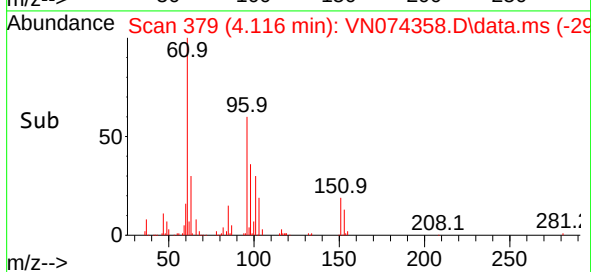
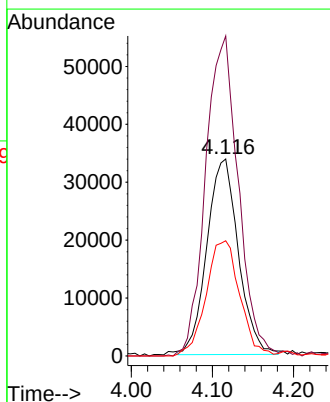
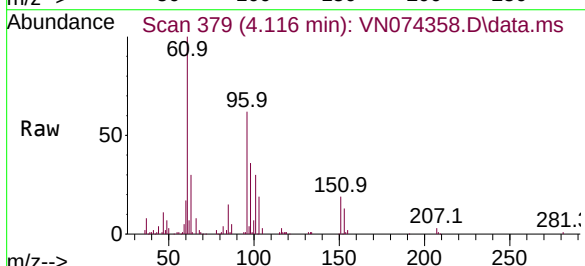
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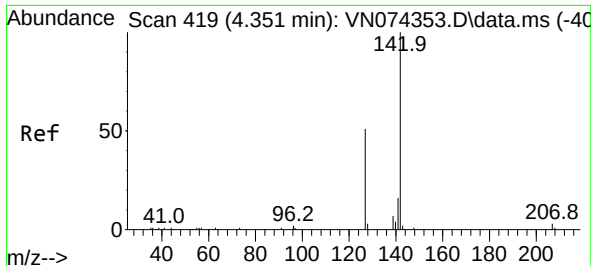
Tgt Ion:101 Resp: 96565
Ion Ratio Lower Upper
101 100
85 26.9 0.0 94.0
151 67.2 0.0 74.6



#10
1,1-Dichloroethene
Concen: 19.893 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 96 Resp: 91093
Ion Ratio Lower Upper
96 100
61 164.8 126.2 189.4
98 59.0 50.9 76.3

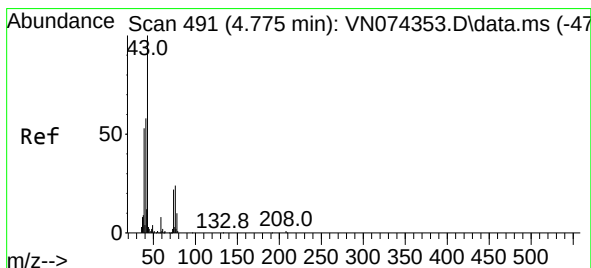
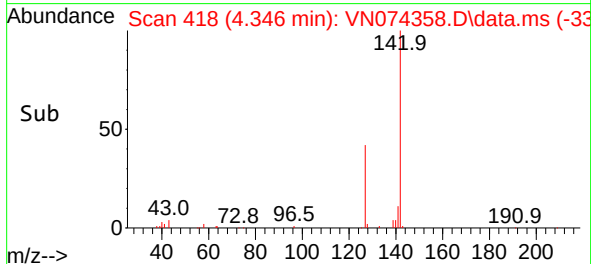
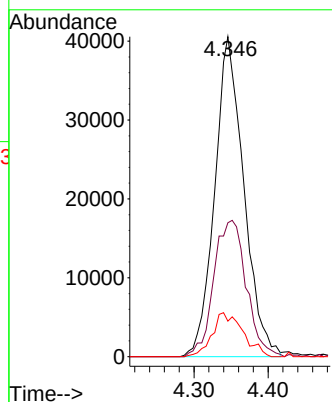
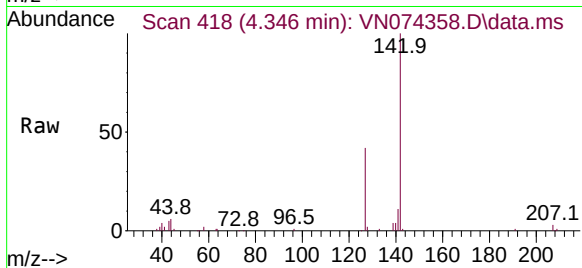




#11
Methyl Iodide
Concen: 19.664 ug/l
RT: 4.346 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

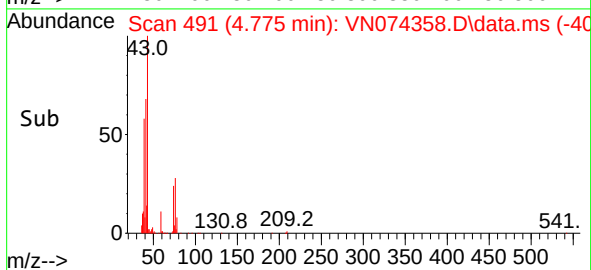
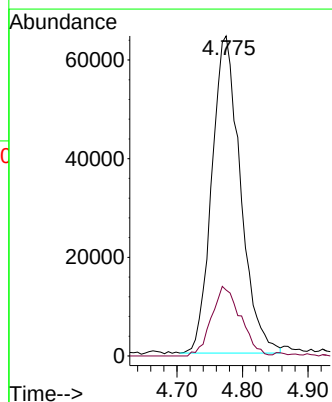
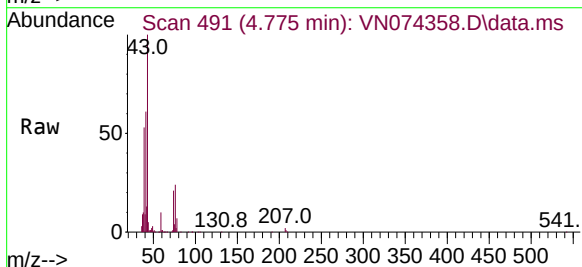
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

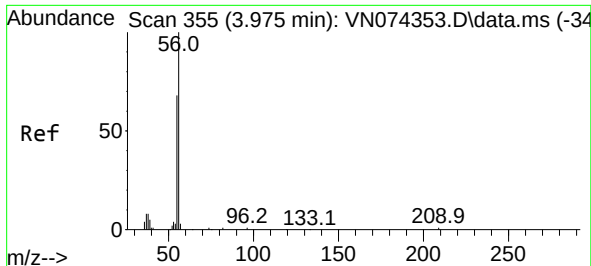
Tgt Ion:142 Resp: 110555
Ion Ratio Lower Upper
142 100
127 41.8 24.0 72.0
141 11.2 8.4 25.2



#12
Methyl Acetate
Concen: 19.594 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 43 Resp: 194971
Ion Ratio Lower Upper
43 100
74 20.4 20.8 31.2#

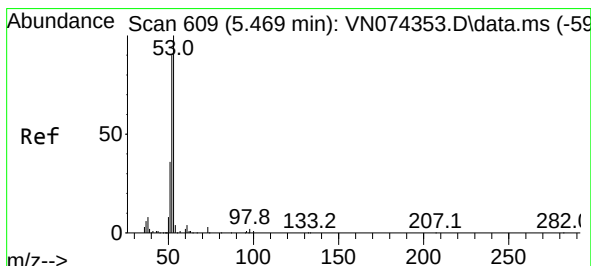
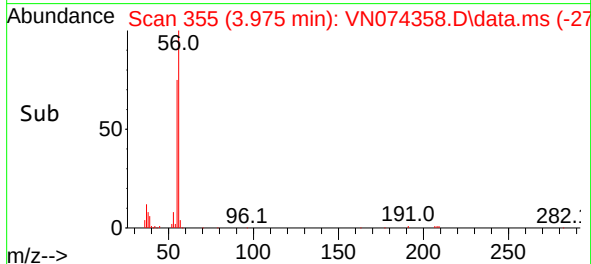
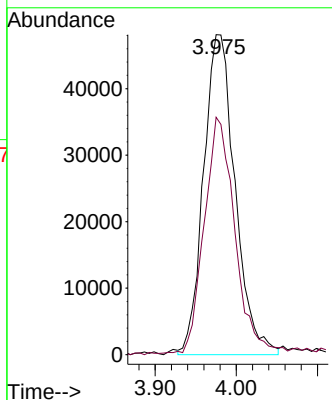
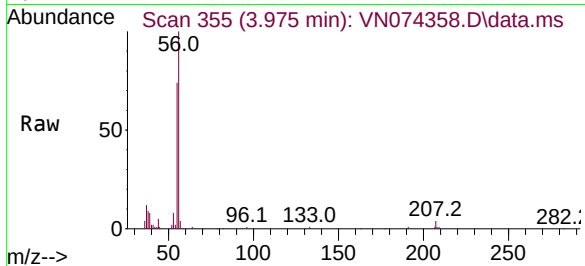




#13
Acrolein
Concen: 96.688 ug/l
RT: 3.975 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

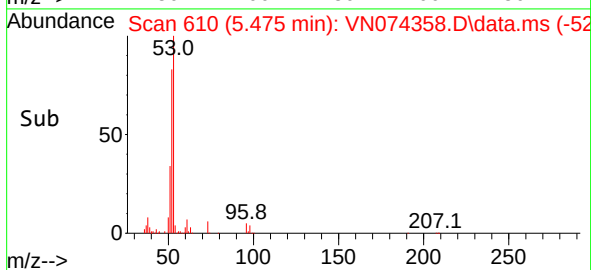
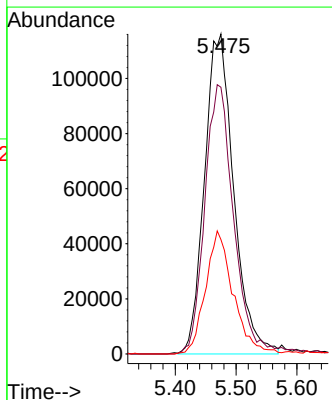
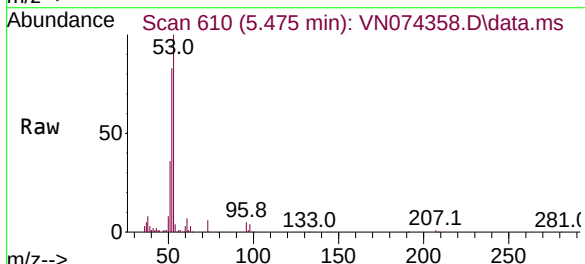
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

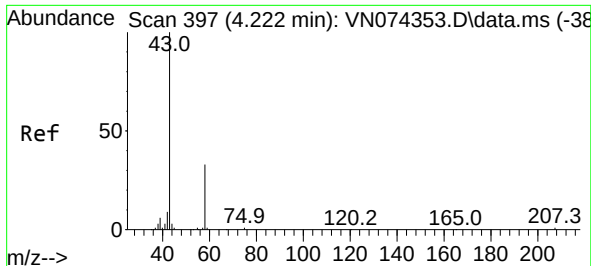
Tgt Ion: 56 Resp: 129785
Ion Ratio Lower Upper
56 100
55 71.9 57.6 86.4



#14
Acrylonitrile
Concen: 100.465 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 53 Resp: 387475
Ion Ratio Lower Upper
53 100
52 80.9 41.8 125.4
51 36.2 19.0 57.0

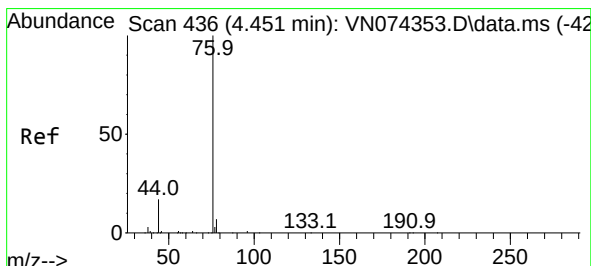
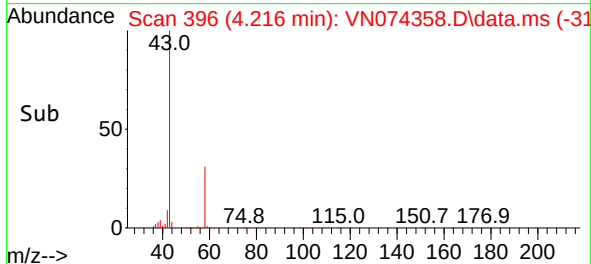
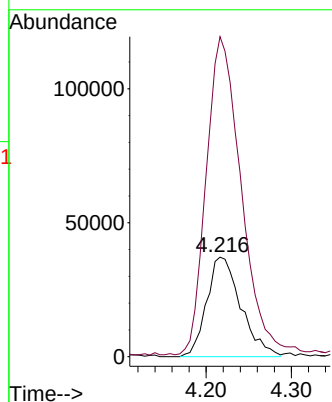
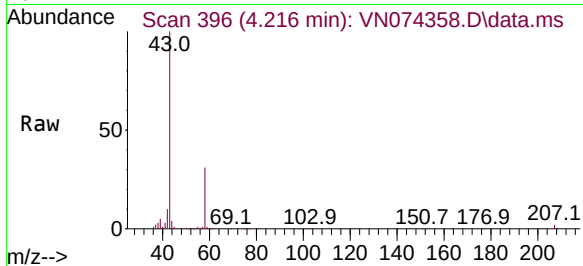




#15
Acetone
Concen: 101.405 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

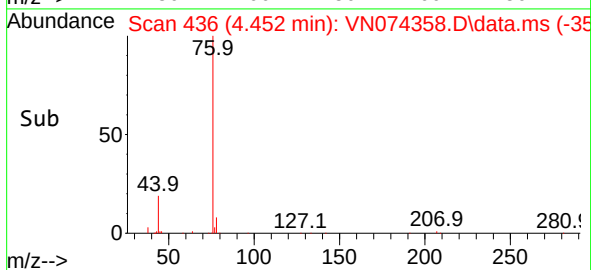
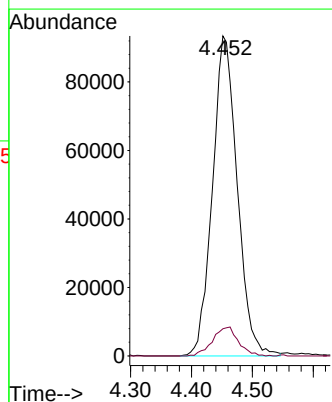
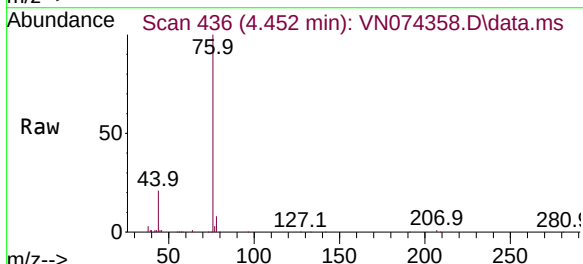
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

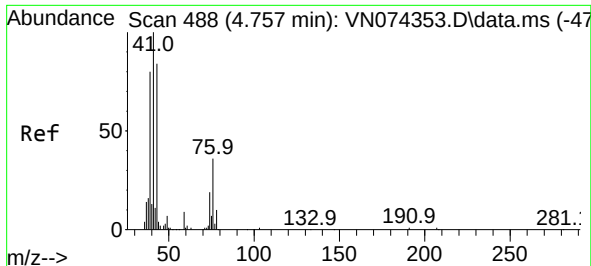
Tgt Ion: 58 Resp: 103639
Ion Ratio Lower Upper
58 100
43 320.2 256.6 384.8



#16
Carbon Disulfide
Concen: 20.132 ug/l
RT: 4.452 min Scan# 436
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 76 Resp: 264183
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8





#17

Allyl chloride

Concen: 19.606 ug/l

RT: 4.763 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090822

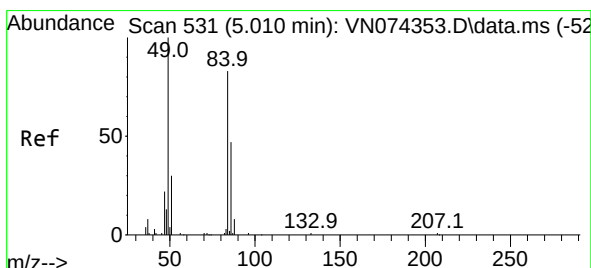
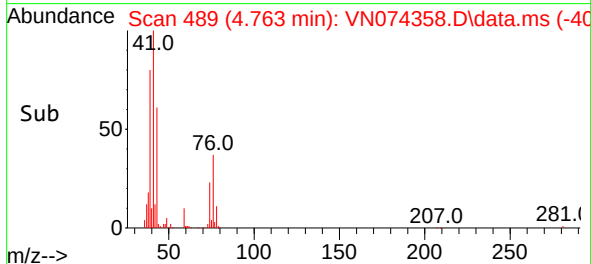
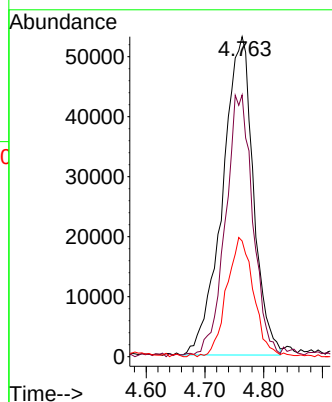
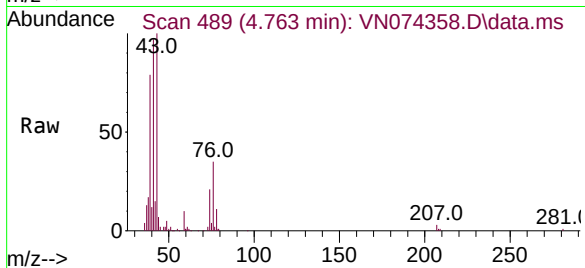
Tgt Ion: 41 Resp: 193871

Ion Ratio Lower Upper

41 100

39 81.7 44.6 134.0

76 36.0 19.6 58.7



#18

Methylene Chloride

Concen: 19.986 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Tgt Ion: 84 Resp: 116497

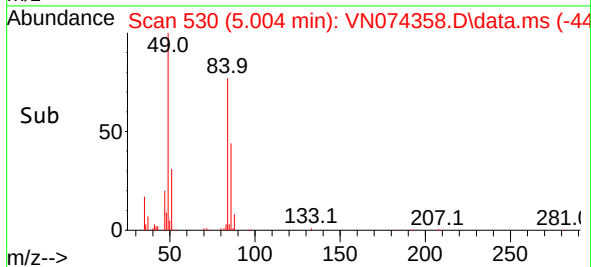
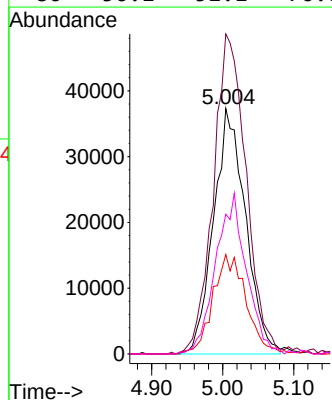
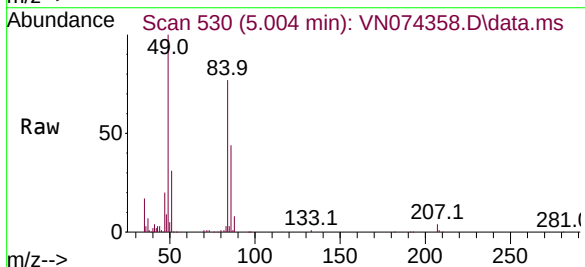
Ion Ratio Lower Upper

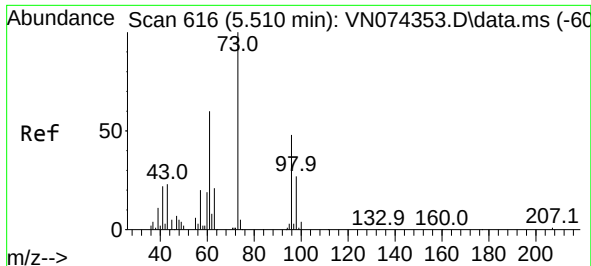
84 100

49 129.8 91.4 137.0

51 39.9 29.4 44.0

86 56.1 51.1 76.7

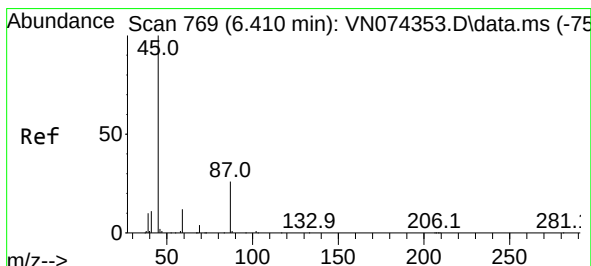
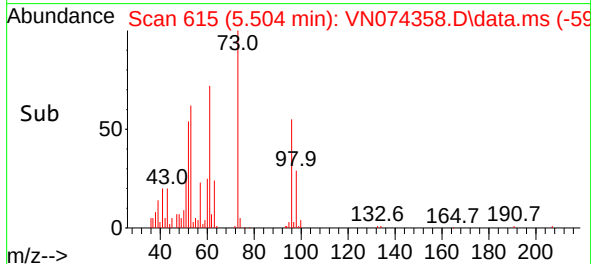
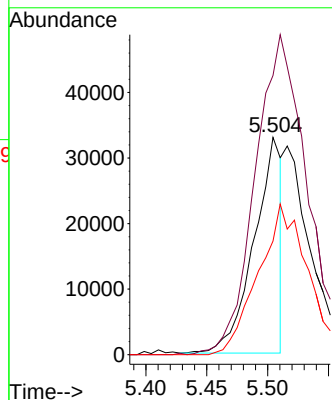
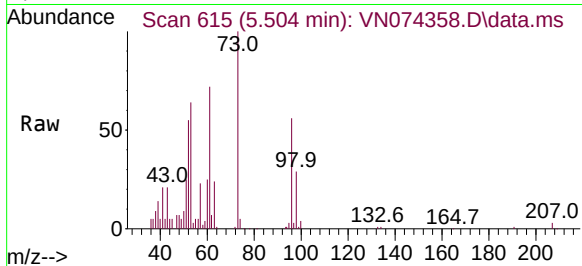




#19
trans-1,2-Dichloroethene
Concen: 9.900 ug/l
RT: 5.504 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

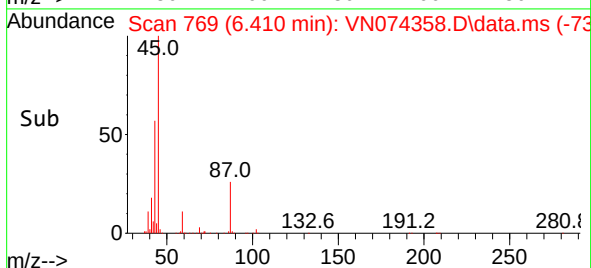
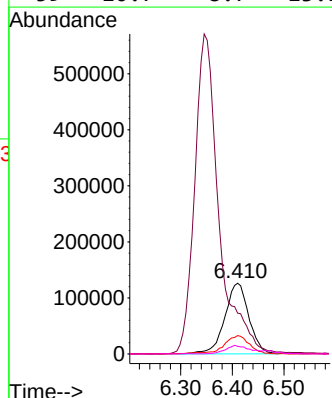
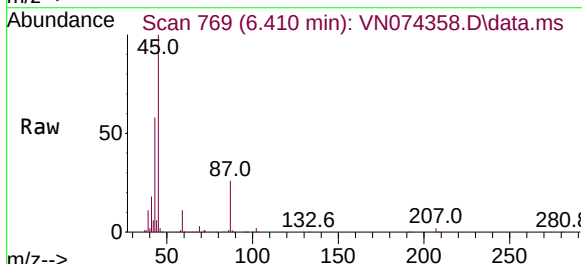
Instrument :
MSVOA_N
ClientSampleId :
ICV090822

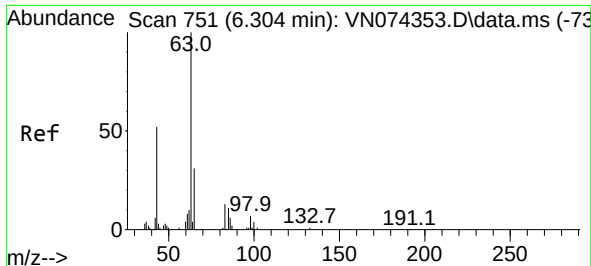
Tgt Ion: 96 Resp: 51835
Ion Ratio Lower Upper
96 100
61 128.7 102.8 154.2
98 52.7 49.3 73.9



#20
Diisopropyl ether
Concen: 19.974 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 45 Resp: 406724
Ion Ratio Lower Upper
45 100
43 54.7 51.0 76.4
87 25.4 25.0 37.4
59 10.7 8.7 13.1

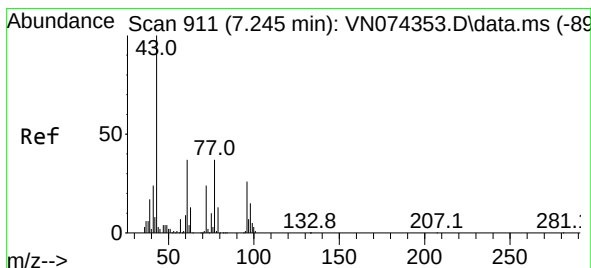
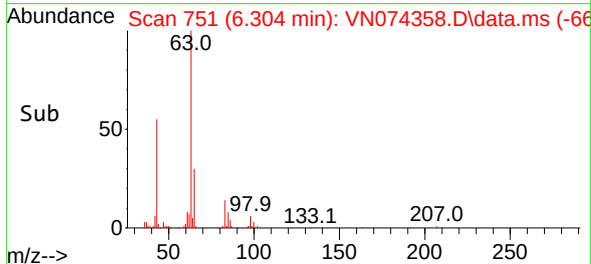
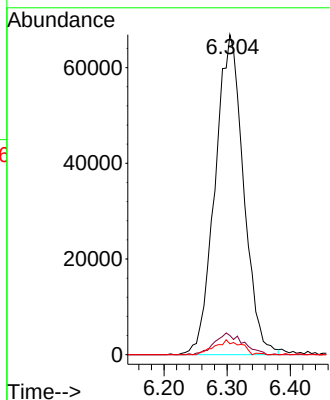
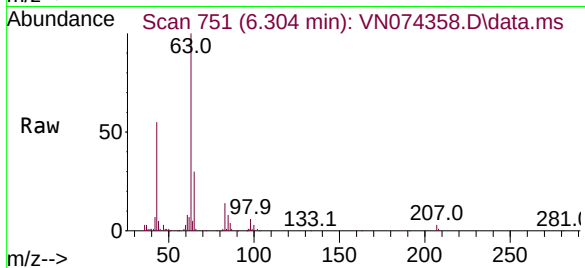




#21
1,1-Dichloroethane
Concen: 19.582 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

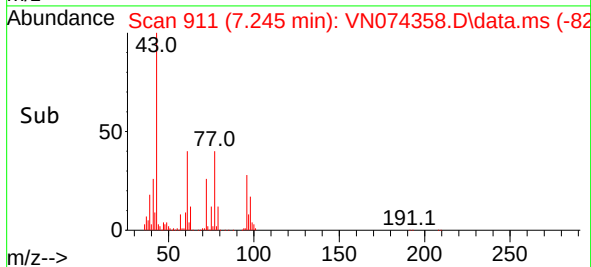
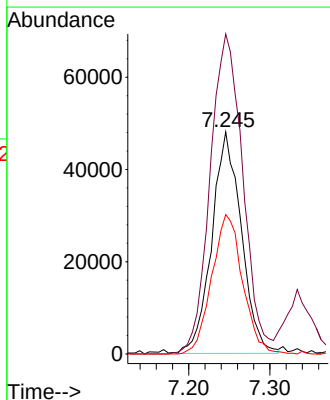
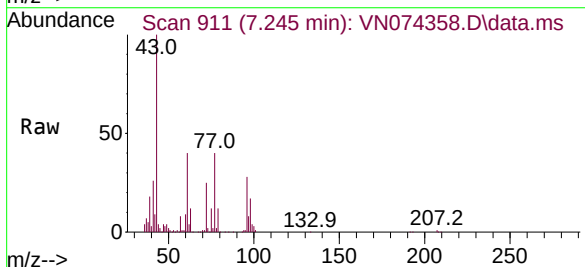
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

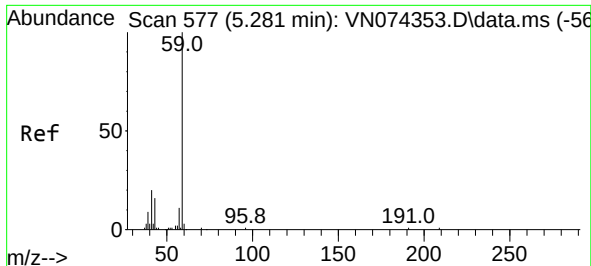
Tgt Ion: 63 Resp: 209440
Ion Ratio Lower Upper
63 100
98 6.0 3.2 9.6
100 3.4 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 19.102 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 96 Resp: 121548
Ion Ratio Lower Upper
96 100
61 159.7 115.7 173.5
98 65.6 51.6 77.4

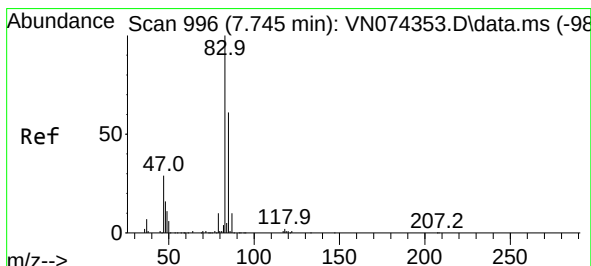
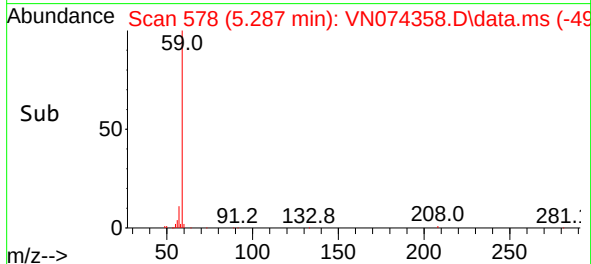
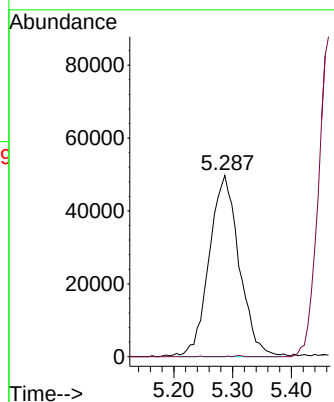
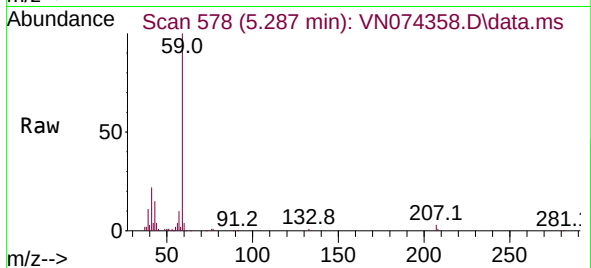




#23
tert-Butyl Alcohol
Concen: 105.588 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

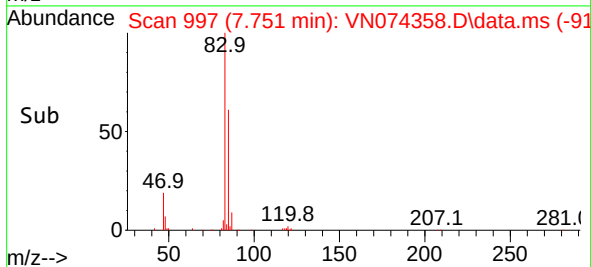
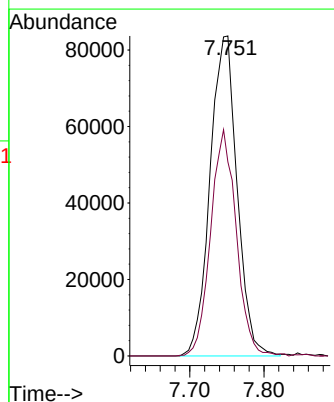
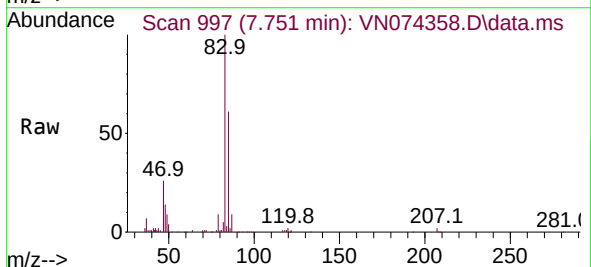
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

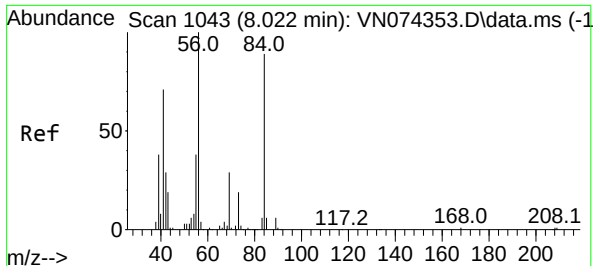
Tgt Ion: 59 Resp: 176337
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#



#25
Chloroform
Concen: 19.568 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 83 Resp: 212630
Ion Ratio Lower Upper
83 100
85 60.4 51.3 76.9

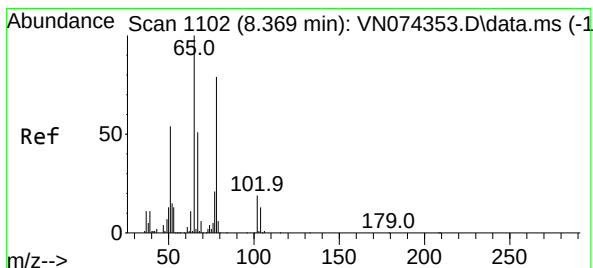
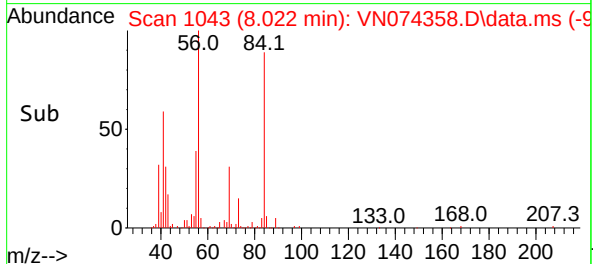
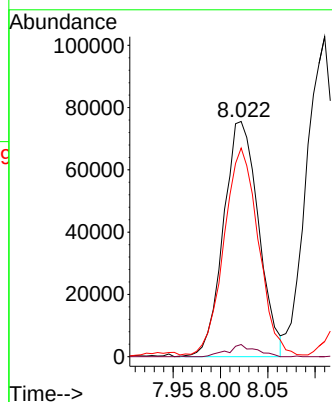
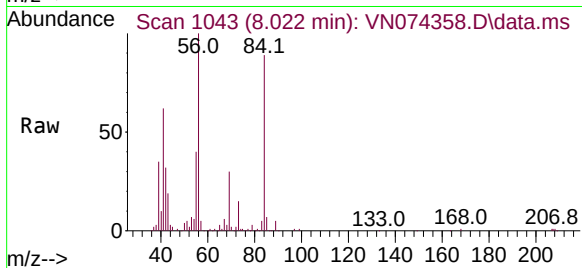




#26
Cyclohexane
Concen: 19.800 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

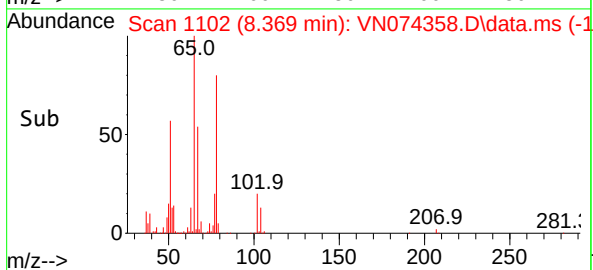
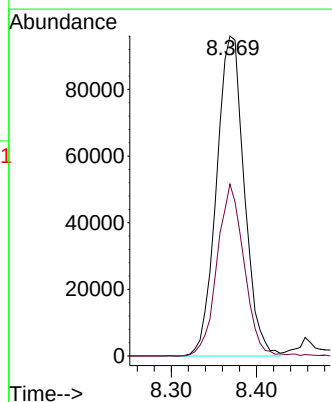
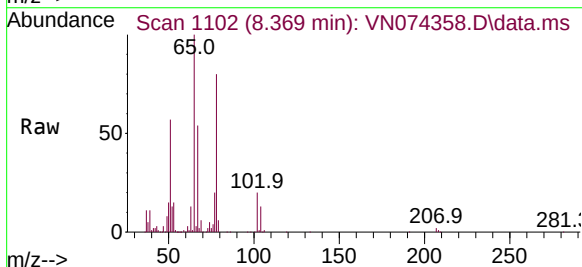
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

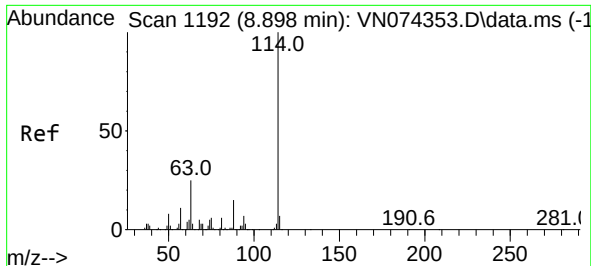
Tgt Ion: 56 Resp: 194398
Ion Ratio Lower Upper
56 100
89 1.1 0.1 0.1#
84 88.1 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 30.867 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 65 Resp: 217720
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090822

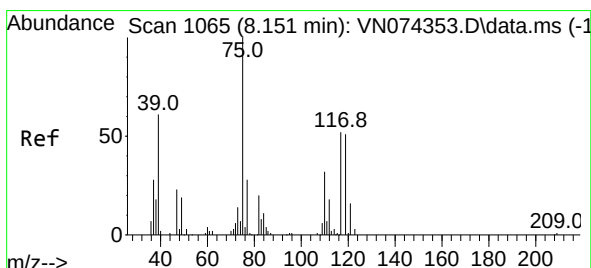
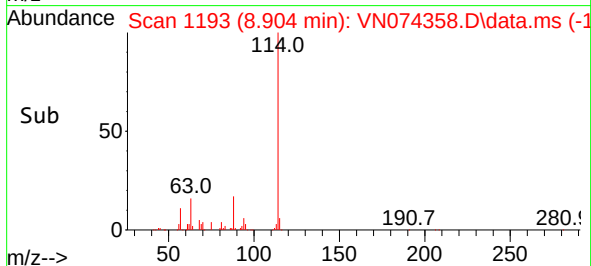
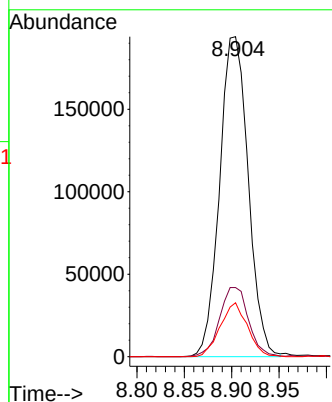
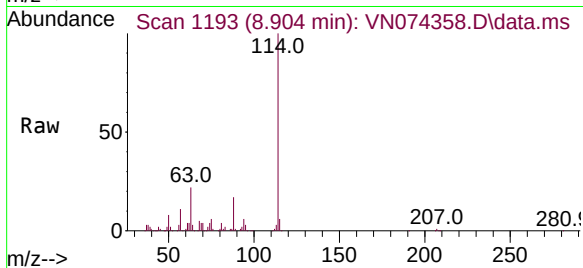
Tgt Ion:114 Resp: 407401

Ion Ratio Lower Upper

114 100

63 22.0 15.8 23.6

88 16.1 11.6 17.4



#29

1,1-Dichloropropene

Concen: 19.329 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

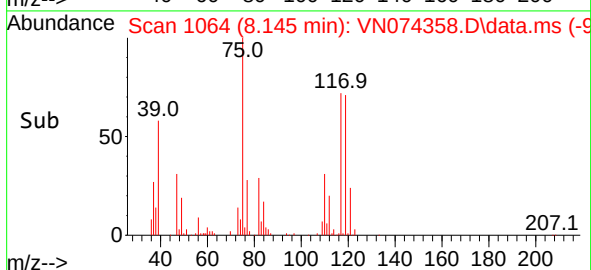
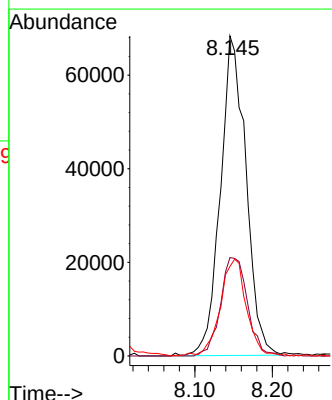
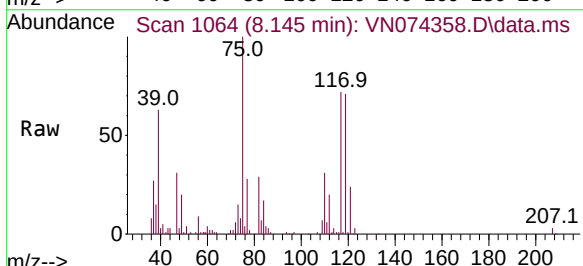
Tgt Ion: 75 Resp: 156537

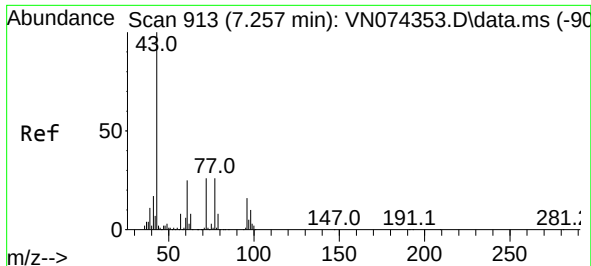
Ion Ratio Lower Upper

75 100

110 32.6 0.0 74.2

77 30.1 0.0 63.2

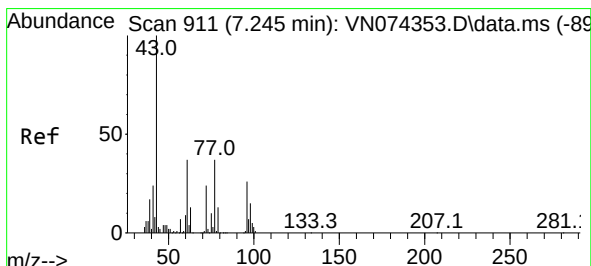
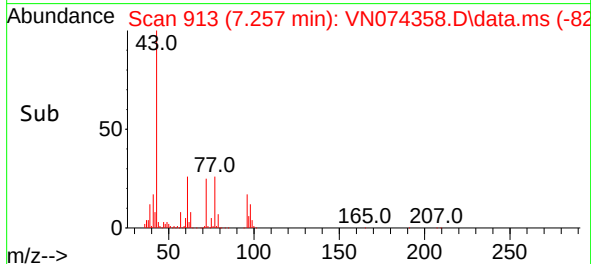
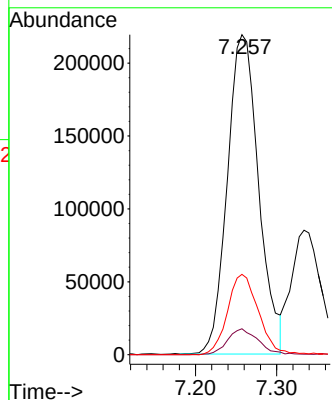
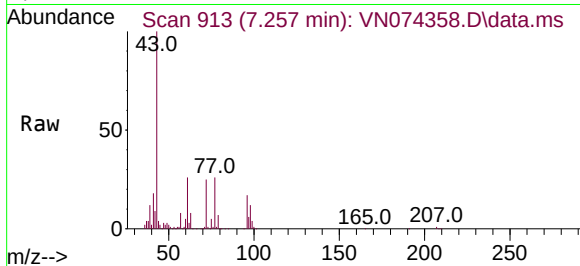




#30
2-Butanone
Concen: 102.521 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

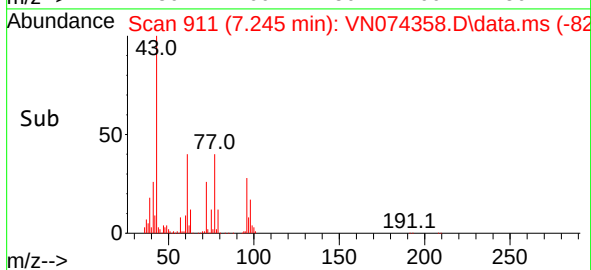
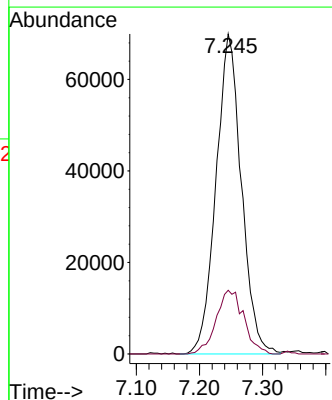
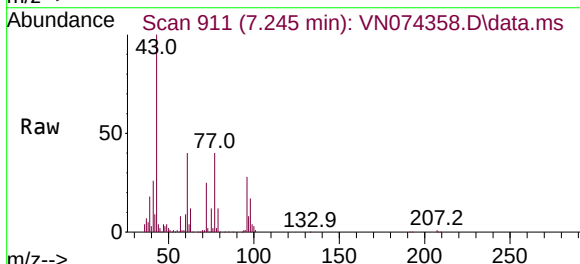
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

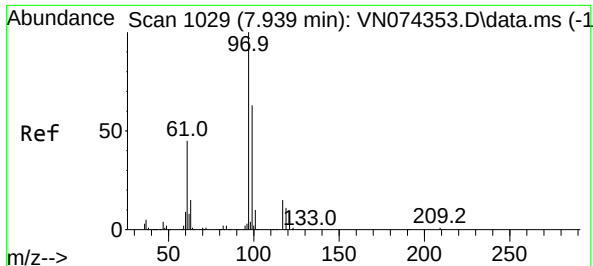
Tgt Ion: 43 Resp: 587972
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 24.8 23.2 34.8



#31
2,2-Dichloropropane
Concen: 19.679 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 77 Resp: 195009
Ion Ratio Lower Upper
77 100
97 13.2 18.3 27.5#





#32

1,1,1-Trichloroethane

Concen: 18.986 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090822

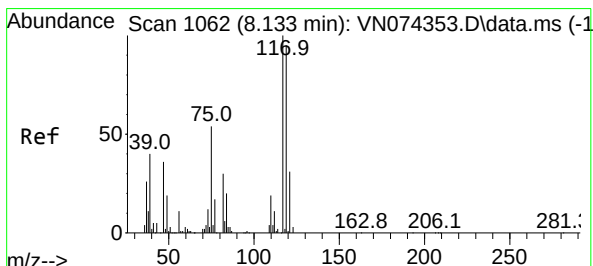
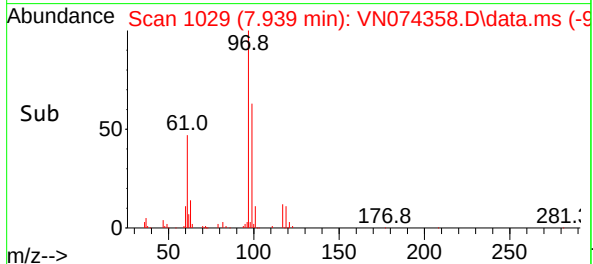
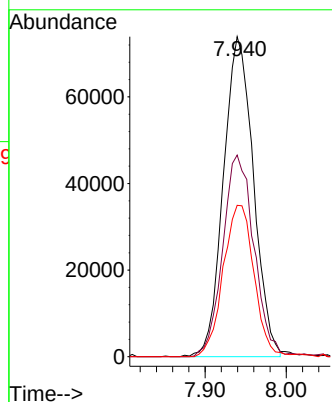
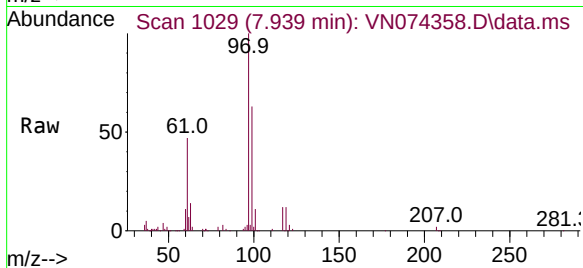
Tgt Ion: 97 Resp: 189543

Ion Ratio Lower Upper

97 100

99 65.4 50.4 75.6

61 48.5 34.6 51.8



#33

Carbon Tetrachloride

Concen: 18.729 ug/l

RT: 8.134 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

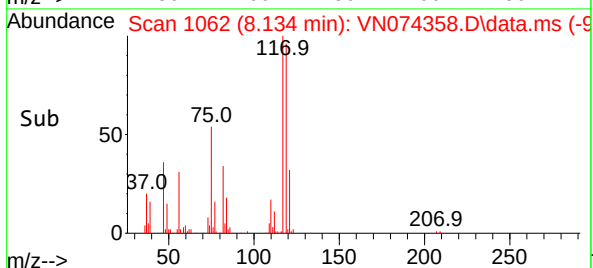
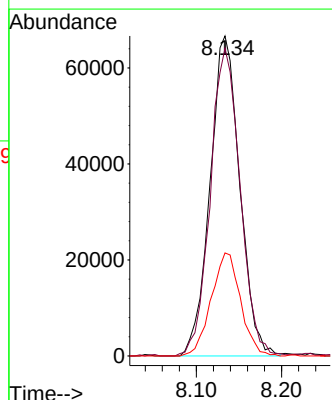
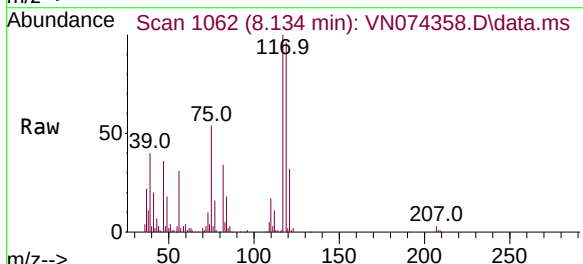
Tgt Ion: 117 Resp: 161795

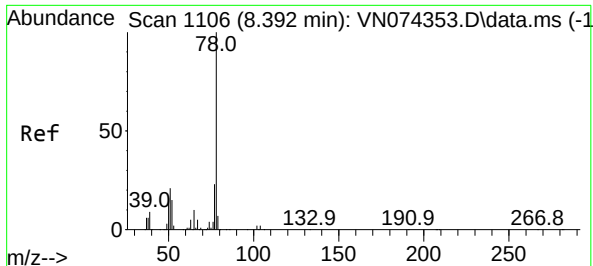
Ion Ratio Lower Upper

117 100

119 95.4 77.5 116.3

121 32.2 23.5 35.3

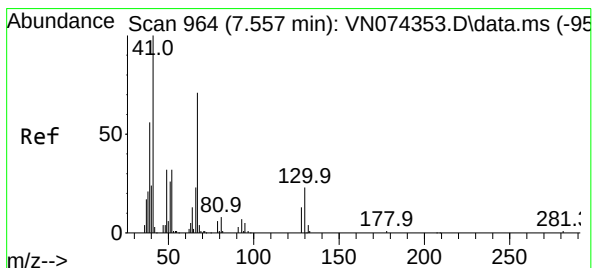
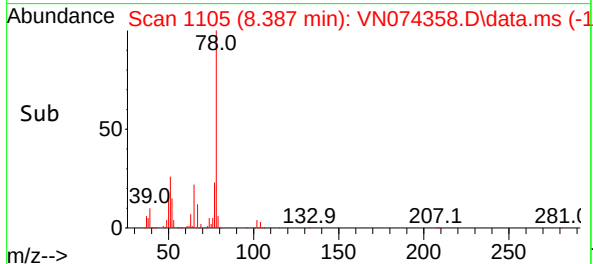
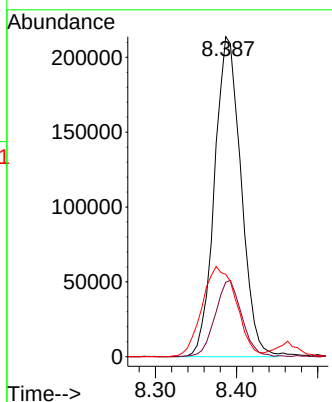
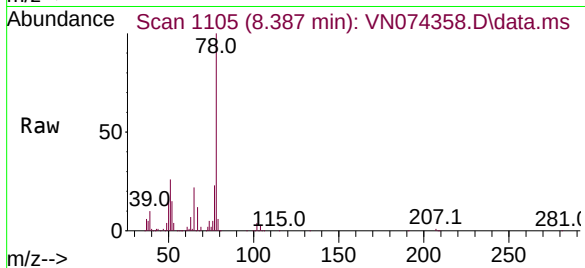




#34
Benzene
Concen: 19.452 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

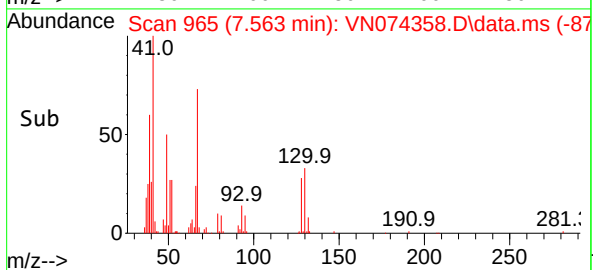
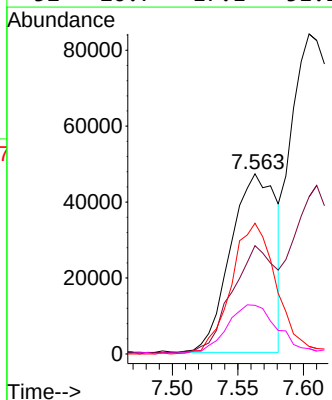
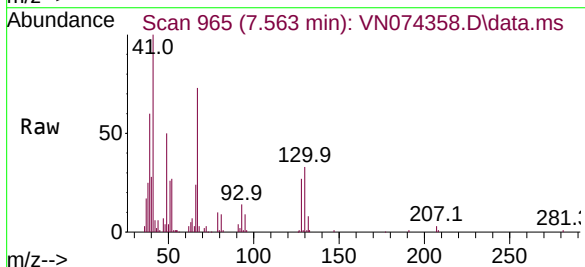
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

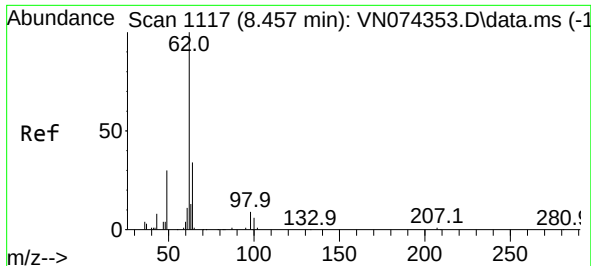
Tgt Ion: 78 Resp: 484343
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7
51 25.3 16.0 24.0#



#35
Methacrylonitrile
Concen: 21.636 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 41 Resp: 114016
Ion Ratio Lower Upper
41 100
39 59.7 28.0 83.9
67 72.8 37.7 113.1
52 26.7 17.1 51.2





#36

1,2-Dichloroethane

Concen: 19.224 ug/l

RT: 8.457 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

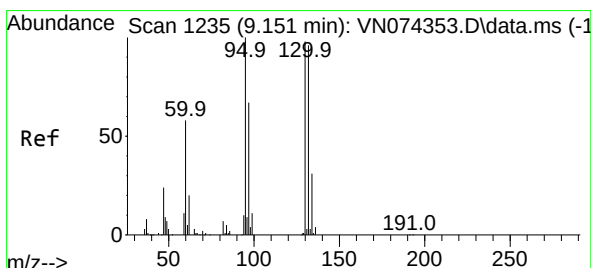
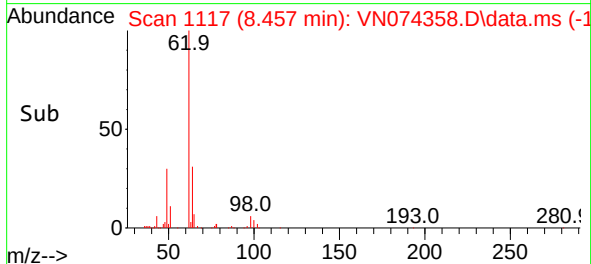
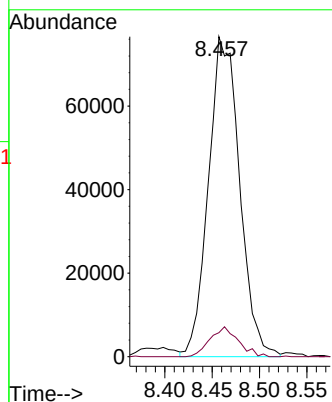
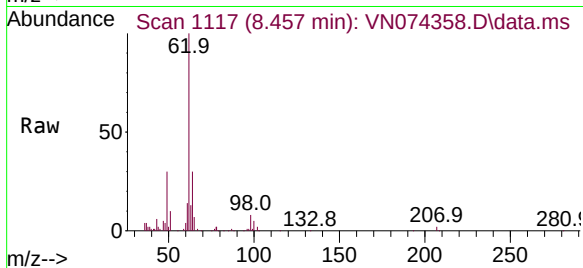
ICVVN090822

Tgt Ion: 62 Resp: 175122

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0



#37

Trichloroethene

Concen: 18.871 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074358.D

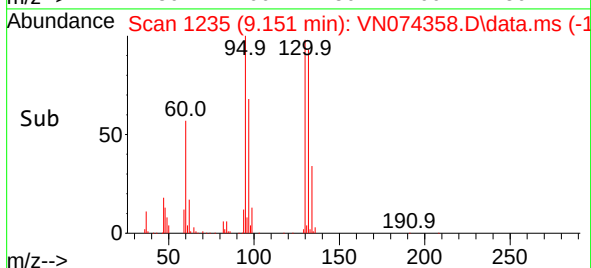
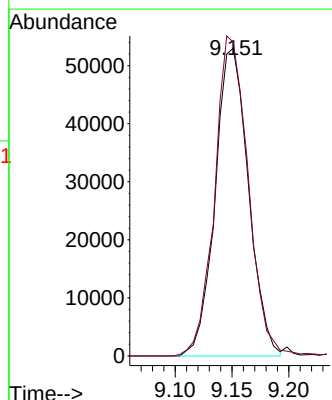
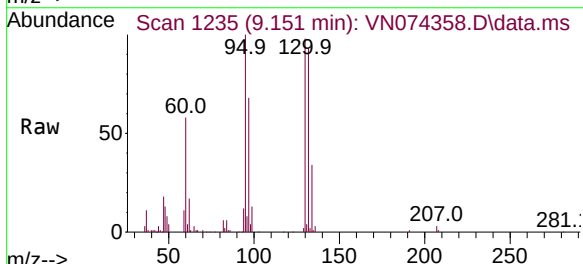
Acq: 08 Sep 2022 14:51

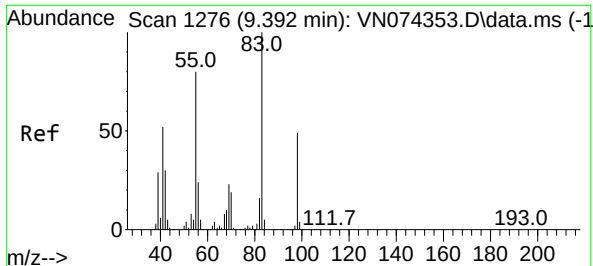
Tgt Ion:130 Resp: 107977

Ion Ratio Lower Upper

130 100

95 101.4 76.6 115.0





#38

Methylcyclohexane

Concen: 19.262 ug/l

RT: 9.398 min Scan# 1276

Delta R.T. 0.006 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090822

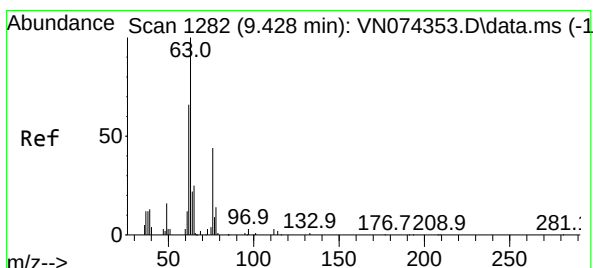
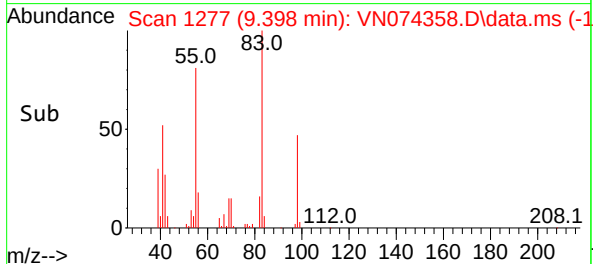
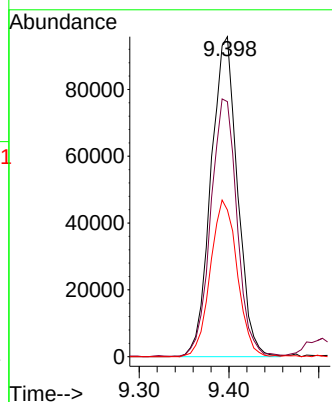
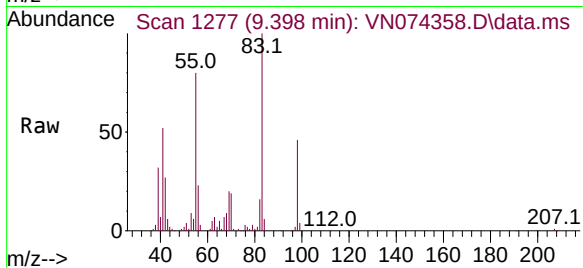
Tgt Ion: 83 Resp: 196371

Ion Ratio Lower Upper

83 100

55 79.3 35.1 105.3

98 49.5 23.4 70.2



#39

1,2-Dichloropropane

Concen: 19.733 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074358.D

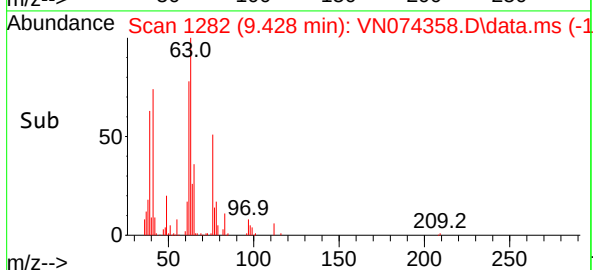
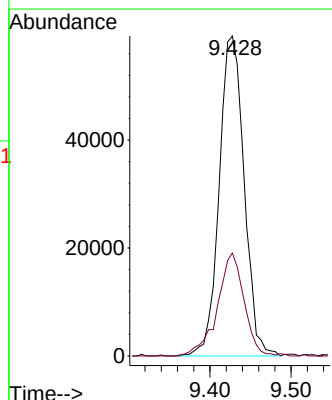
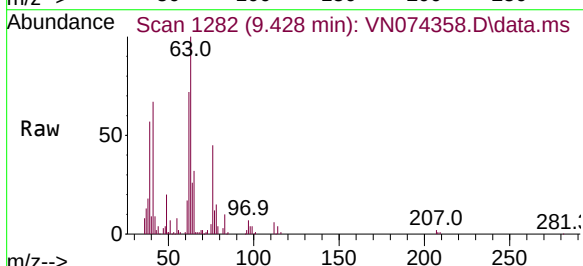
Acq: 08 Sep 2022 14:51

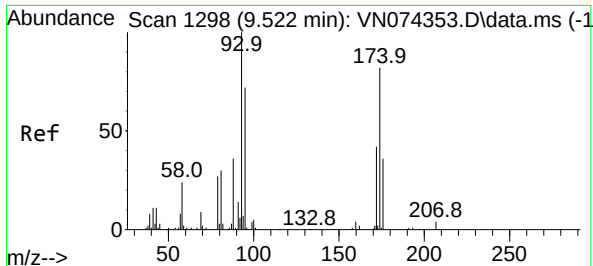
Tgt Ion: 63 Resp: 126528

Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.4





#40

Dibromomethane

Concen: 19.735 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.006 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090822

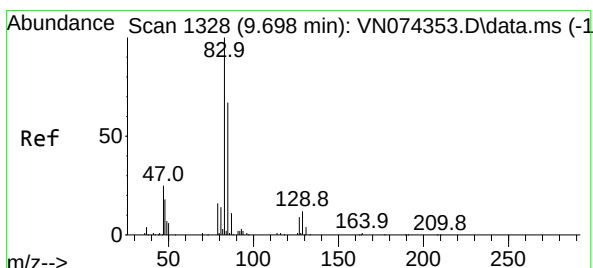
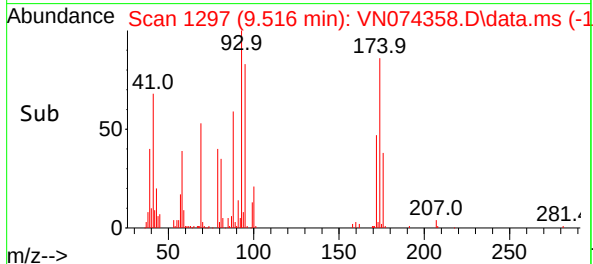
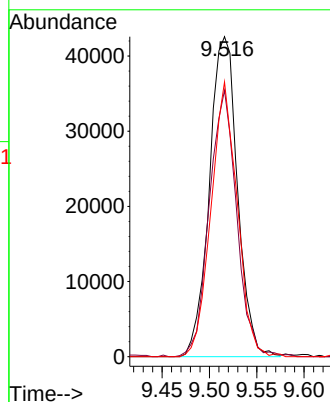
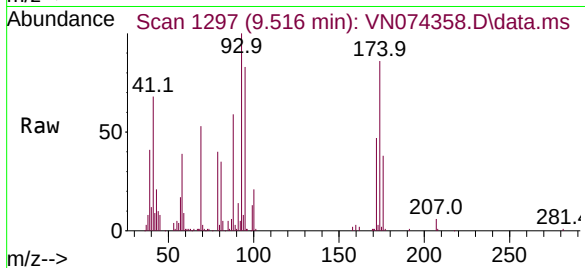
Tgt Ion: 93 Resp: 88043

Ion Ratio Lower Upper

93 100

95 80.3 0.0 168.8

174 79.5 0.0 173.6



#41

Bromodichloromethane

Concen: 19.343 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

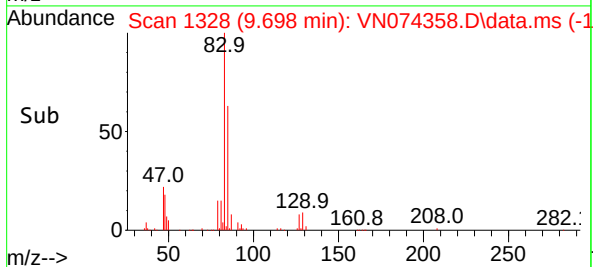
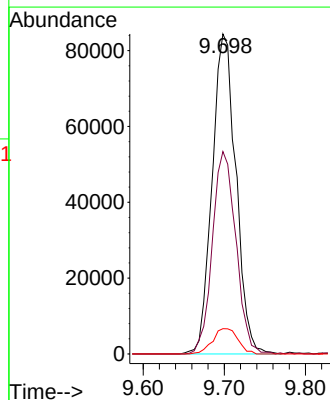
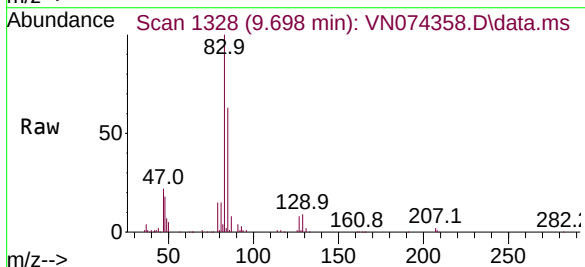
Tgt Ion: 83 Resp: 171473

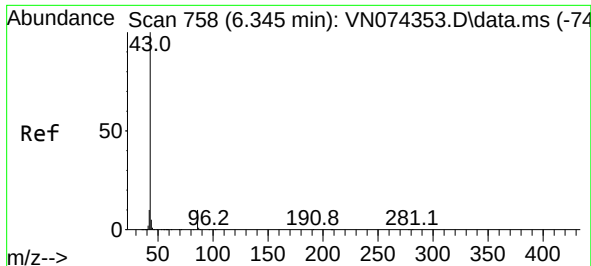
Ion Ratio Lower Upper

83 100

85 63.3 54.1 81.1

127 7.9 7.6 11.4

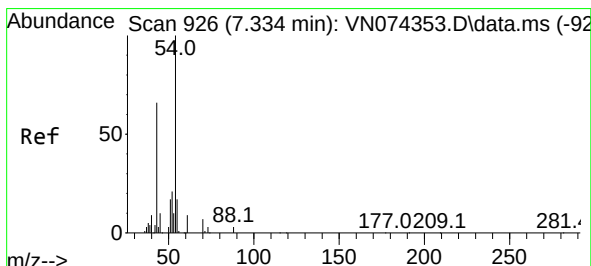
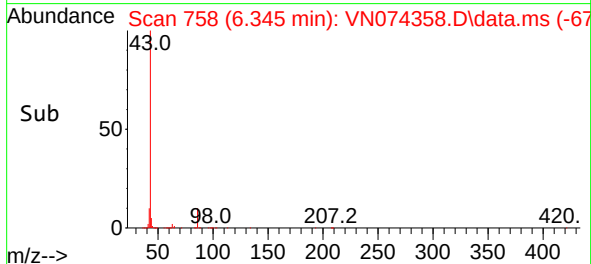
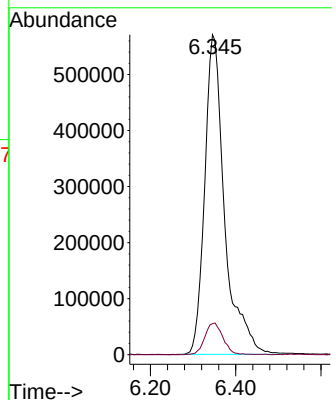
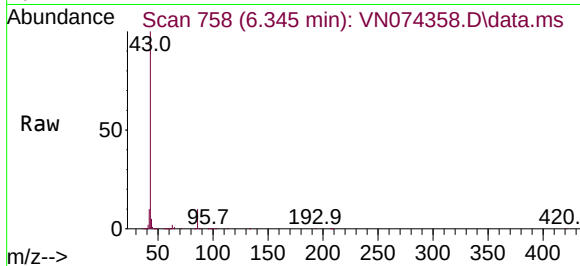




#42
 Vinyl Acetate
 Concen: 98.013 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074358.D
 Acq: 08 Sep 2022 14:51

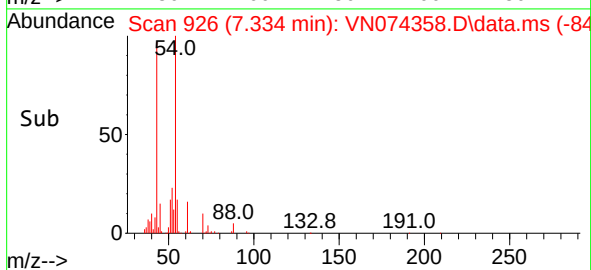
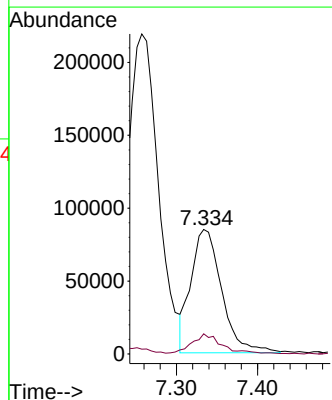
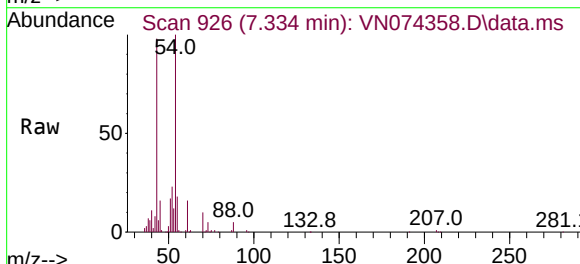
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090822

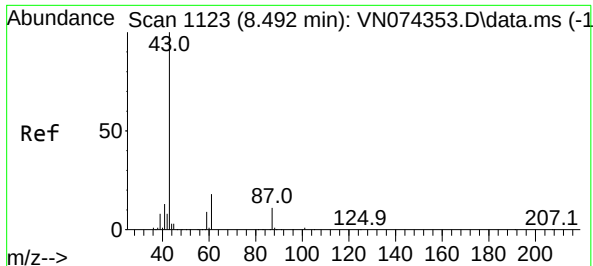
Tgt Ion: 43 Resp: 1855308
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.5 11.3



#43
 Ethyl Acetate
 Concen: 19.626 ug/l
 RT: 7.334 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VN074358.D
 Acq: 08 Sep 2022 14:51

Tgt Ion: 43 Resp: 223349
 Ion Ratio Lower Upper
 43 100
 45 13.4 10.6 16.0

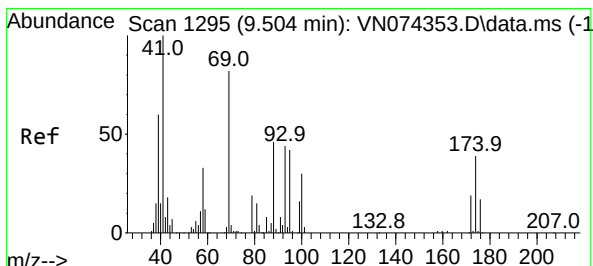
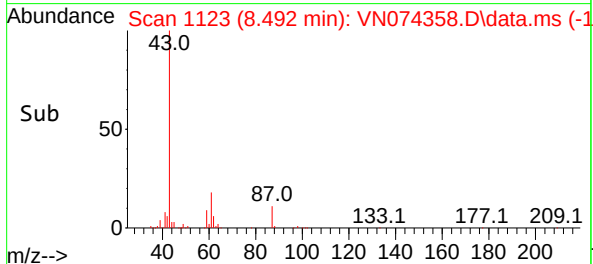
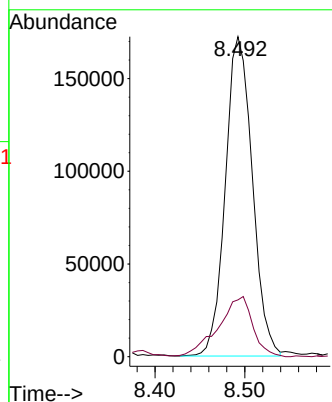
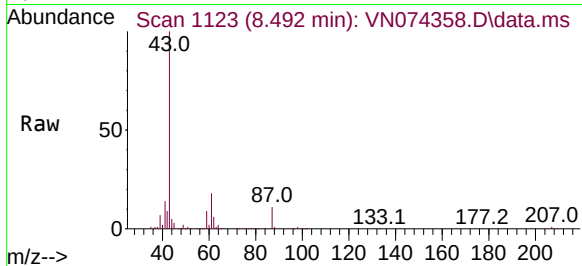




#44
Isopropyl Acetate
Concen: 19.887 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

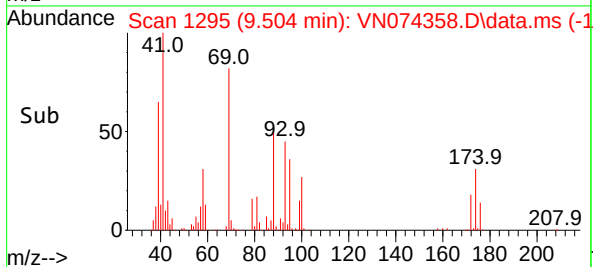
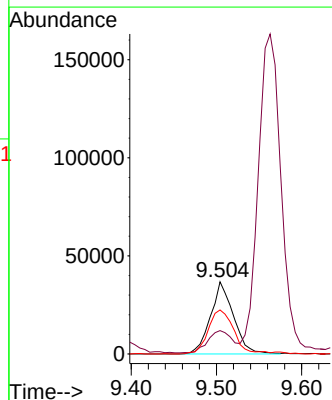
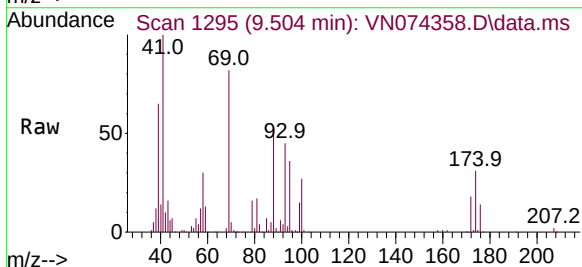
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

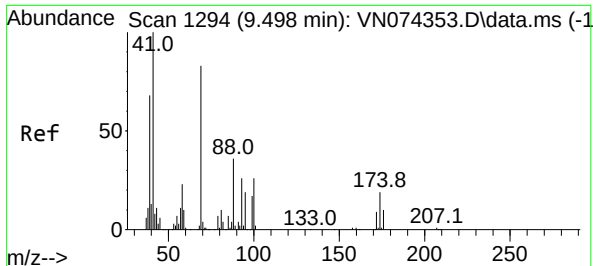
Tgt Ion: 43 Resp: 359709
Ion Ratio Lower Upper
43 100
61 24.1 20.1 30.1



#45
1,4-Dioxane
Concen: 412.731 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 88 Resp: 69100
Ion Ratio Lower Upper
88 100
43 33.5 25.0 37.6
58 66.2 49.4 74.2





#46

Methyl methacrylate

Concen: 19.581 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090822

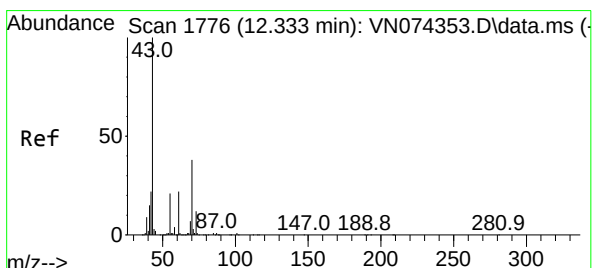
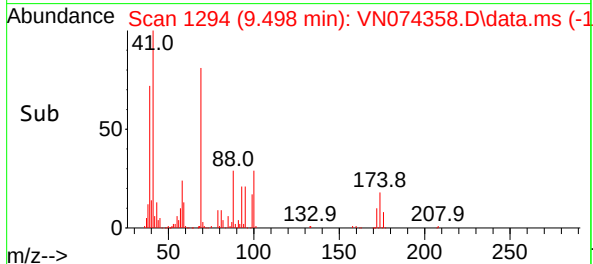
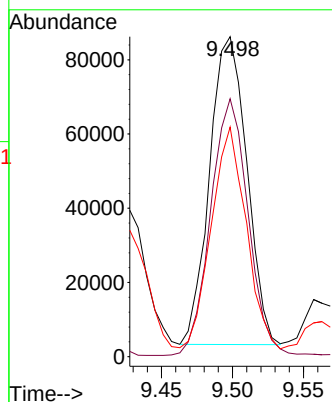
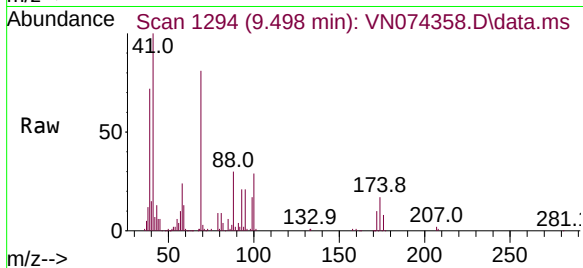
Tgt Ion: 41 Resp: 151470

Ion Ratio Lower Upper

41 100

69 82.6 44.4 133.2

39 72.1 39.9 119.6



#47

n-amy1 Acetate

Concen: 19.307 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN074358.D

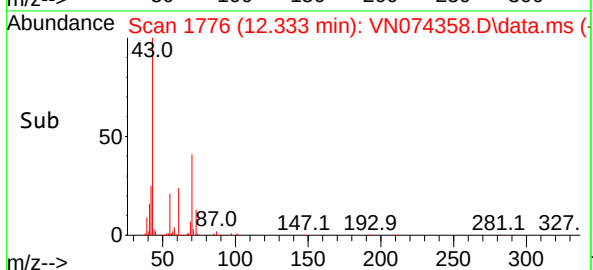
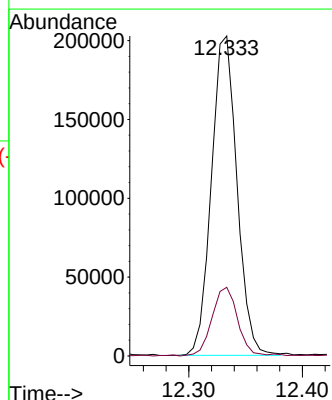
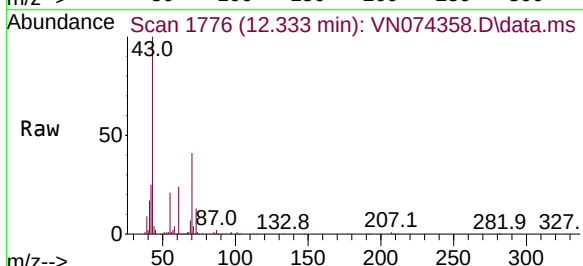
Acq: 08 Sep 2022 14:51

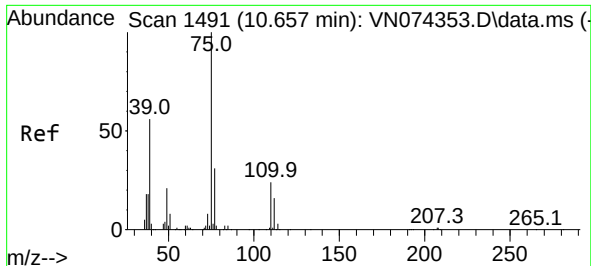
Tgt Ion: 43 Resp: 317393

Ion Ratio Lower Upper

43 100

55 21.4 19.0 28.6

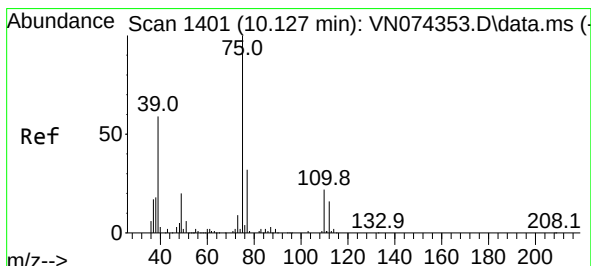
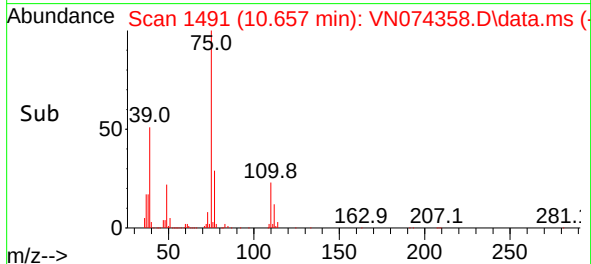
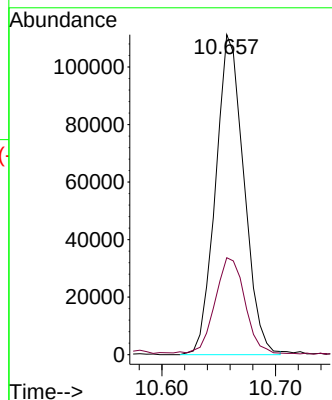
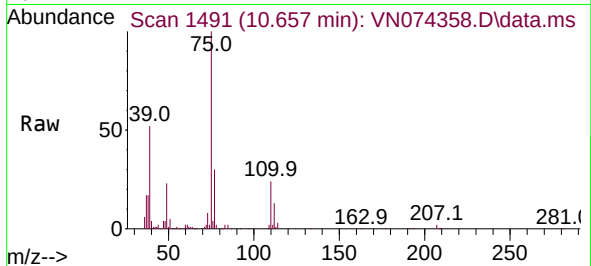




#48
t-1,3-Dichloropropene
Concen: 18.624 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

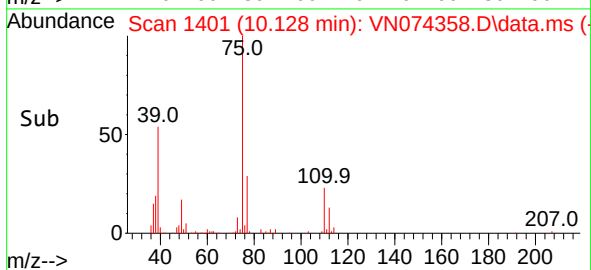
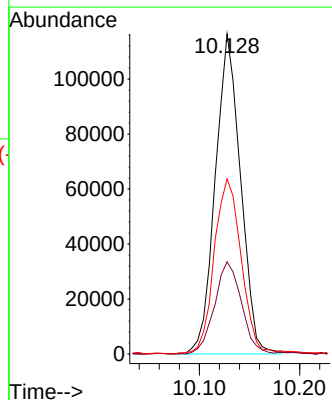
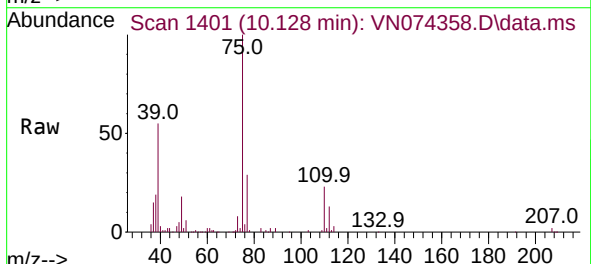
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

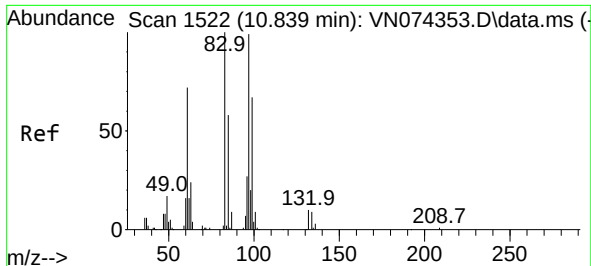
Tgt Ion: 75 Resp: 192843
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9



#49
cis-1,3-Dichloropropene
Concen: 19.210 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 75 Resp: 203004
Ion Ratio Lower Upper
75 100
77 28.6 25.3 37.9
39 54.4 46.2 69.4





#50

1,1,2-Trichloroethane

Concen: 19.229 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090822

Tgt Ion: 97 Resp: 121361

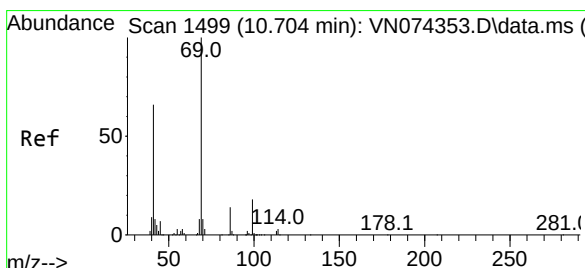
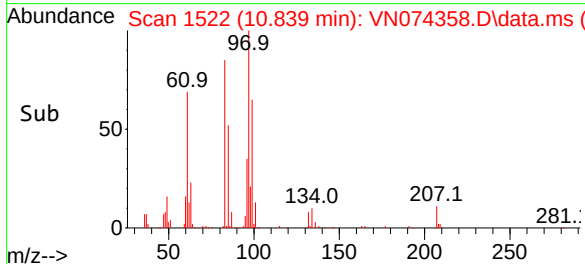
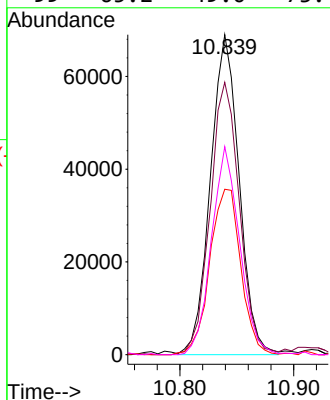
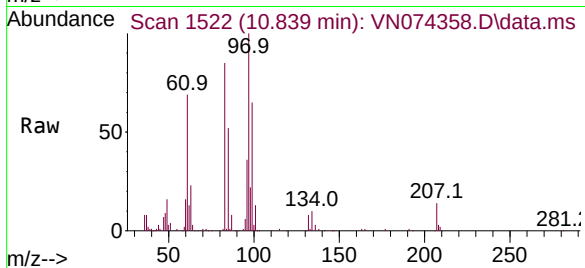
Ion Ratio Lower Upper

97 100

83 84.8 67.2 100.8

85 51.7 43.0 64.4

99 65.2 49.0 73.4



#51

Ethyl methacrylate

Concen: 19.673 ug/l

RT: 10.704 min Scan# 1499

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

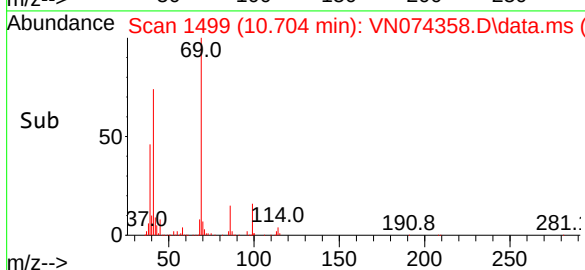
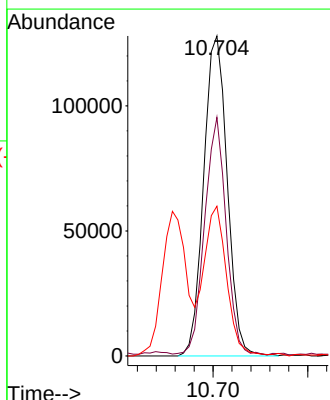
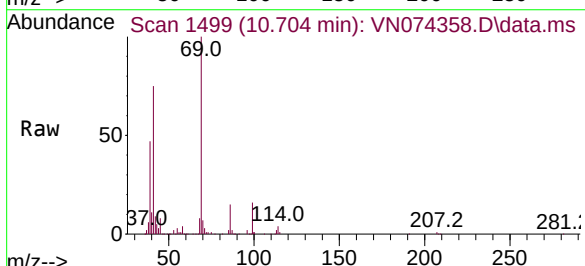
Tgt Ion: 69 Resp: 220920

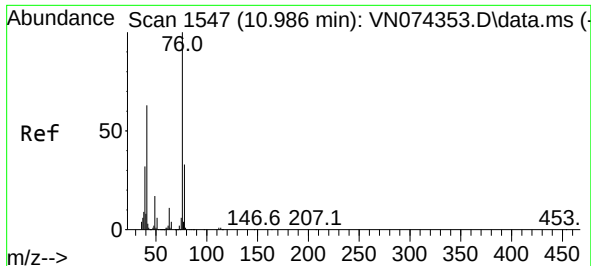
Ion Ratio Lower Upper

69 100

41 73.8 33.0 98.9

39 46.0 25.4 76.4

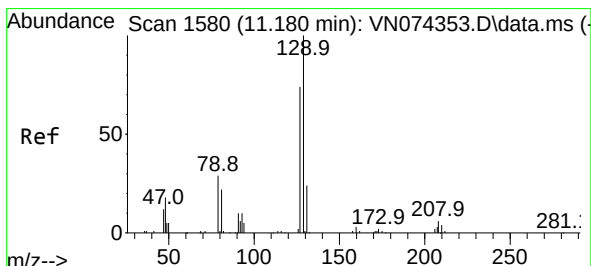
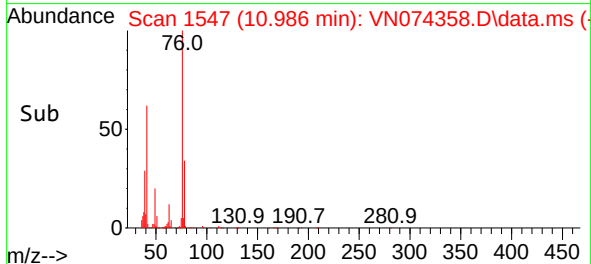
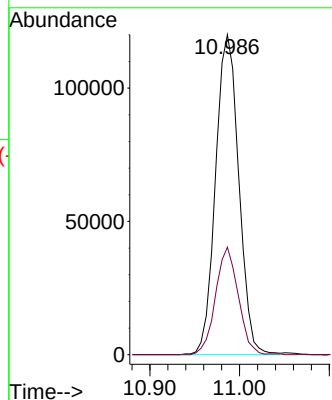
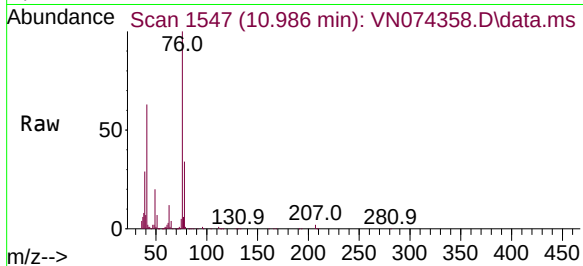




#52
1,3-Dichloropropane
Concen: 19.723 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

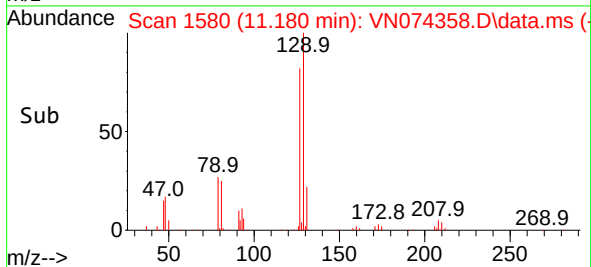
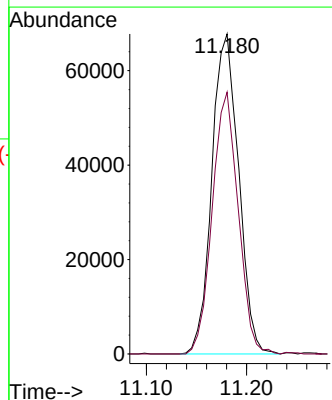
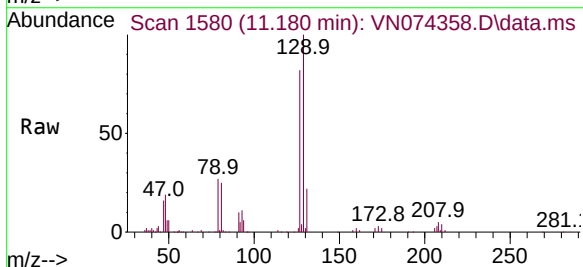
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

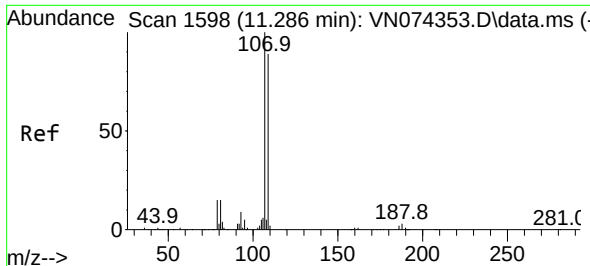
Tgt Ion: 76 Resp: 215884
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.4



#53
Dibromochloromethane
Concen: 18.542 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 129 Resp: 125839
Ion Ratio Lower Upper
129 100
127 79.1 39.0 117.0

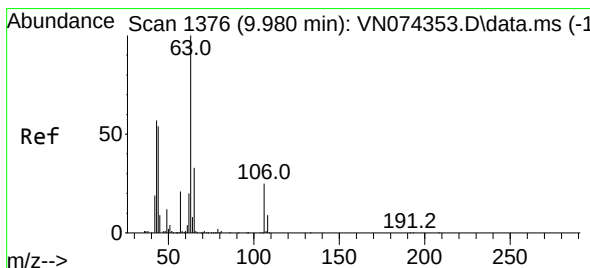
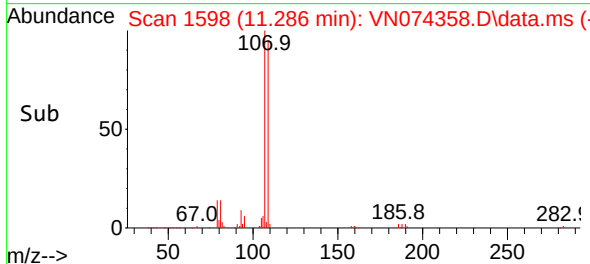
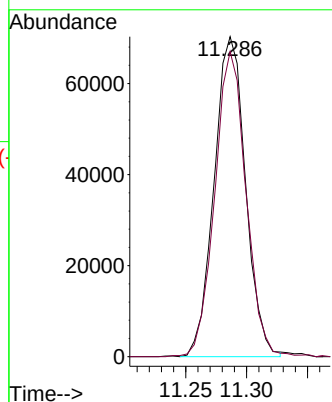
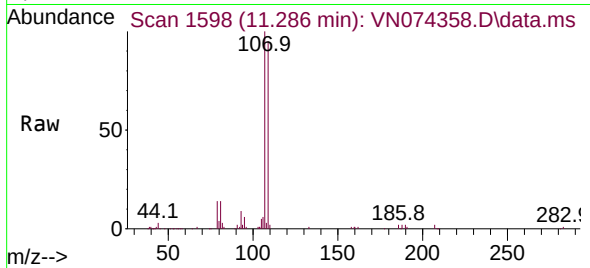




#54
1,2-Dibromoethane
Concen: 19.070 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

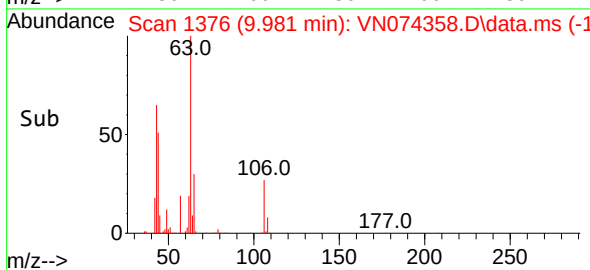
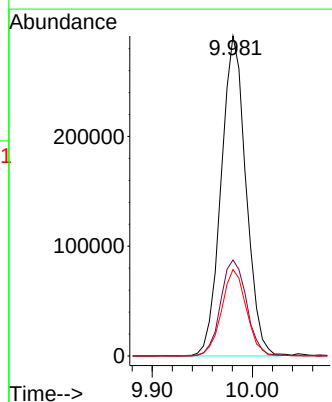
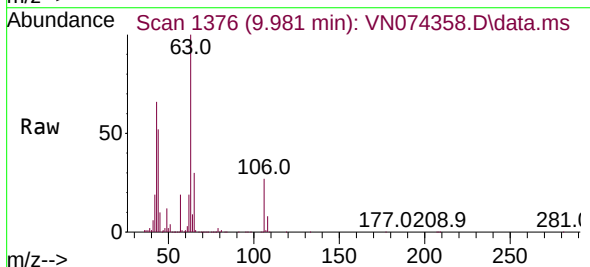
Instrument : MSVOA_N
ClientSampleId : ICVVN090822

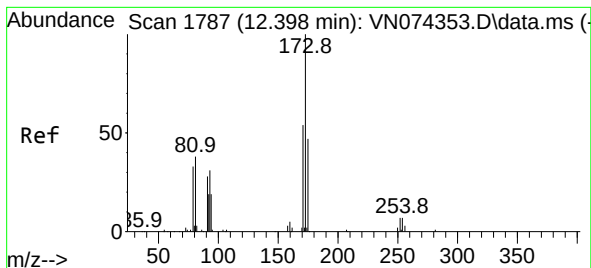
Tgt Ion:107 Resp: 126169
Ion Ratio Lower Upper
107 100
109 94.7 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 92.731 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 63 Resp: 500189
Ion Ratio Lower Upper
63 100
65 31.3 25.4 38.0
106 26.9 23.2 34.8





#56

Bromoform

Concen: 18.033 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

ICVNV090822

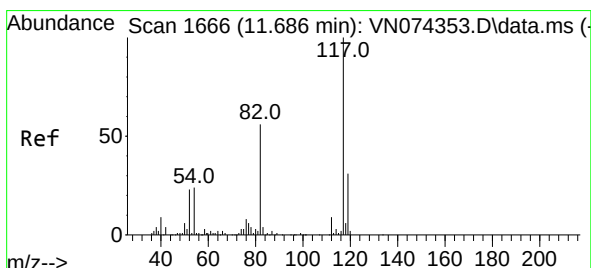
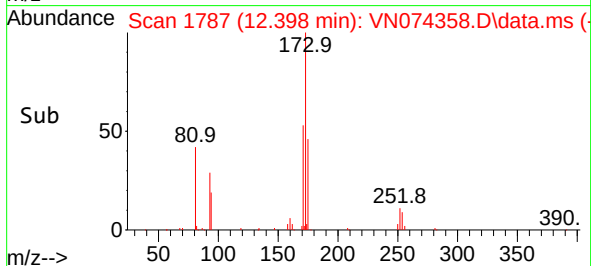
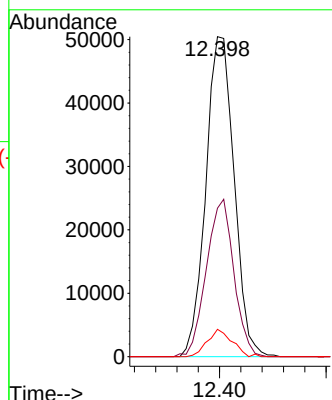
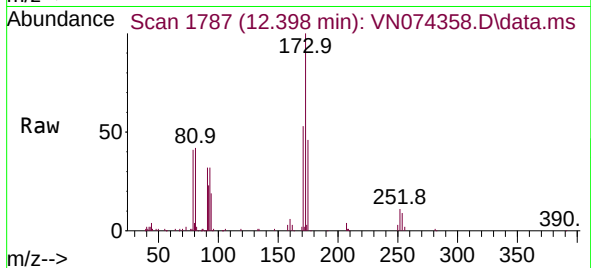
Tgt Ion:173 Resp: 93227

Ion Ratio Lower Upper

173 100

175 47.7 38.6 58.0

254 7.4 0.0 0.0#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.686 min Scan# 1666

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

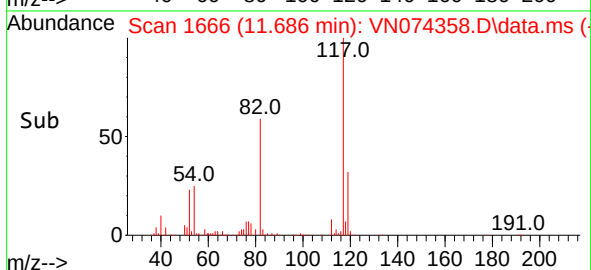
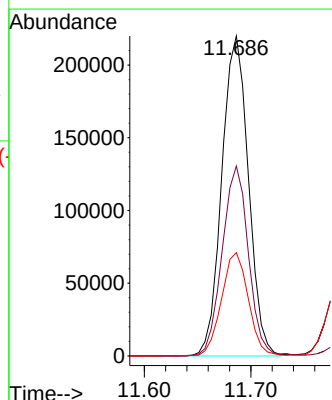
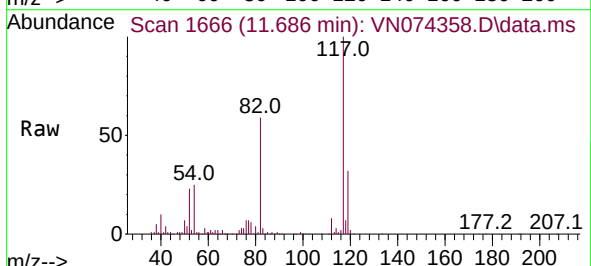
Tgt Ion:117 Resp: 381179

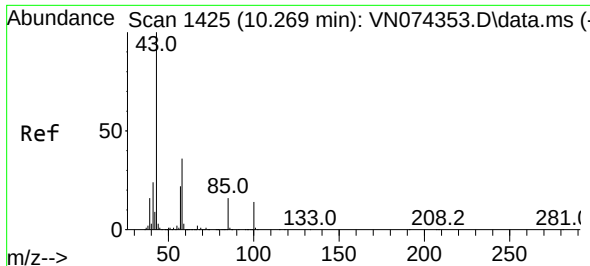
Ion Ratio Lower Upper

117 100

82 58.4 43.6 65.4

119 32.6 25.8 38.6

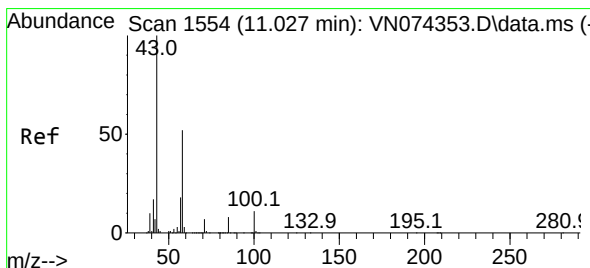
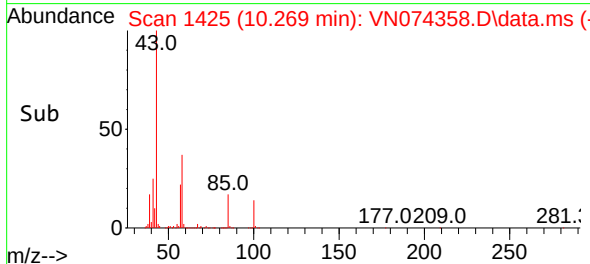
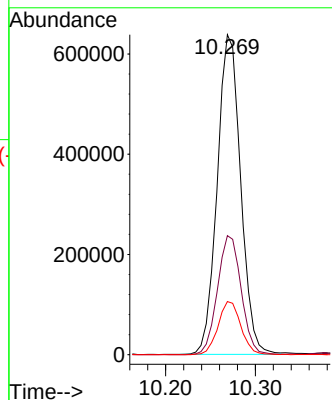
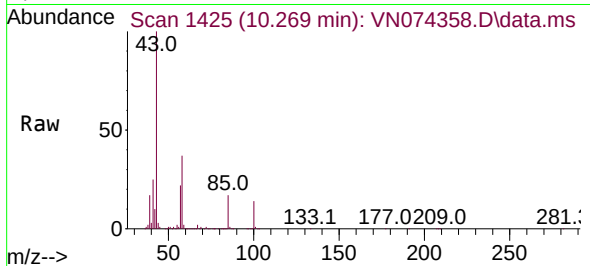




#58
4-Methyl-2-Pentanone
Concen: 97.615 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

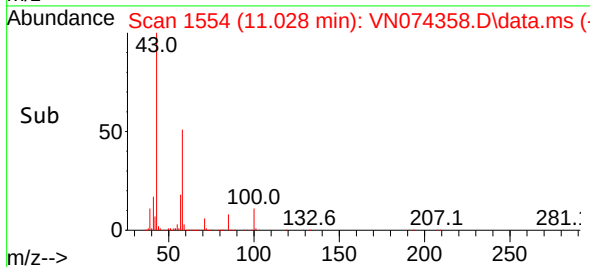
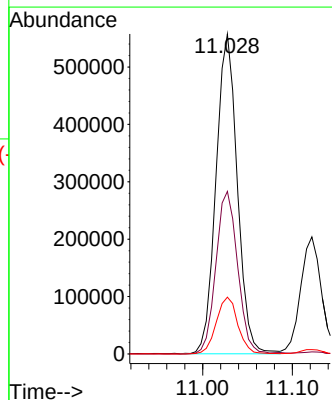
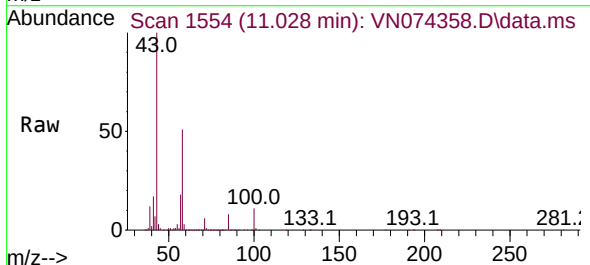
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

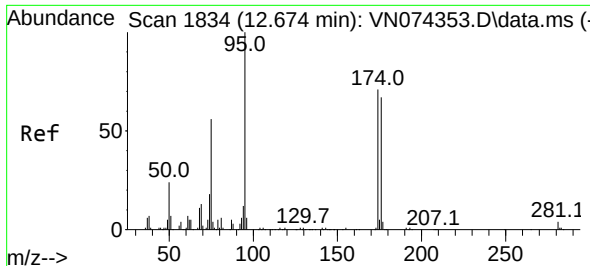
Tgt Ion: 43 Resp: 1156572
Ion Ratio Lower Upper
43 100
58 37.6 30.0 45.0
85 16.2 15.0 22.6



#59
2-Hexanone
Concen: 99.475 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 43 Resp: 918286
Ion Ratio Lower Upper
43 100
58 51.7 42.2 63.2
57 18.1 15.0 22.4

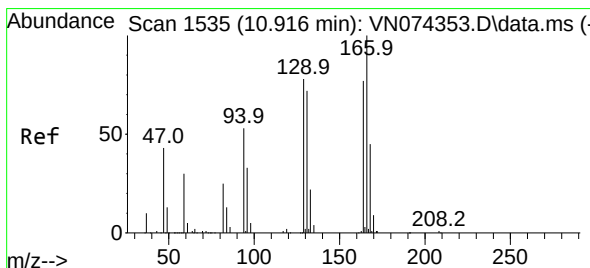
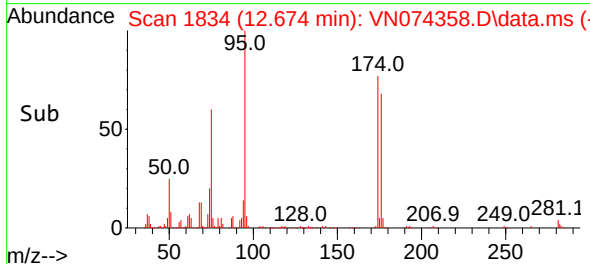
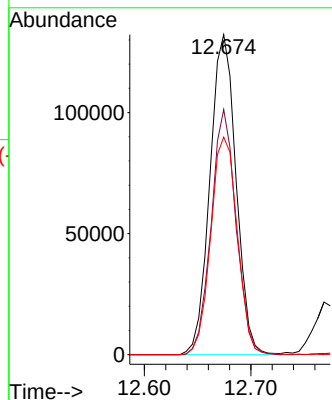
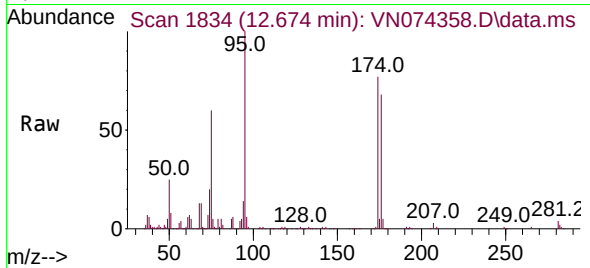




#60
4-Bromofluorobenzene
Concen: 29.508 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

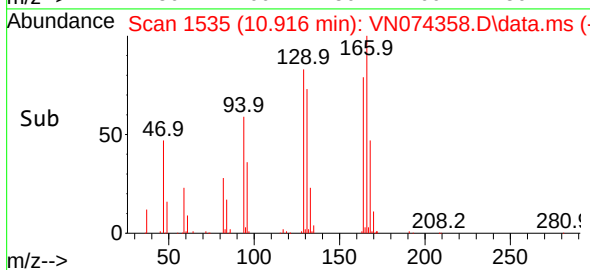
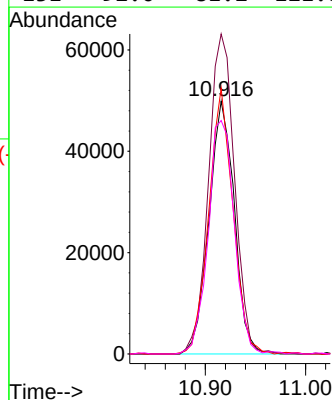
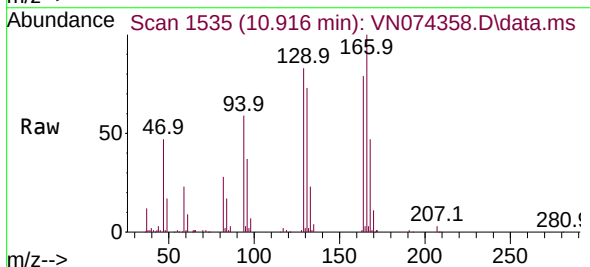
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

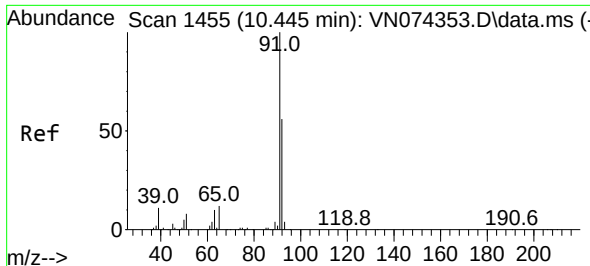
Tgt Ion: 95 Resp: 224936
Ion Ratio Lower Upper
95 100
174 72.7 62.9 94.3
176 69.4 61.0 91.4



#61
Tetrachloroethene
Concen: 18.584 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion:164 Resp: 87890
Ion Ratio Lower Upper
164 100
166 126.6 105.8 158.8
129 104.7 82.5 123.7
131 92.0 81.2 121.8

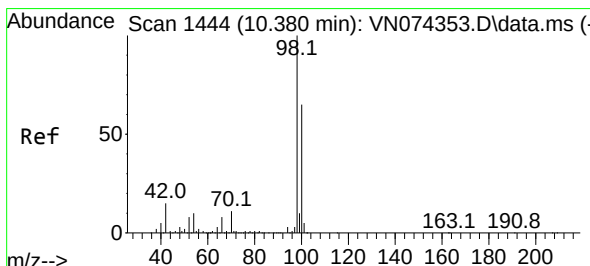
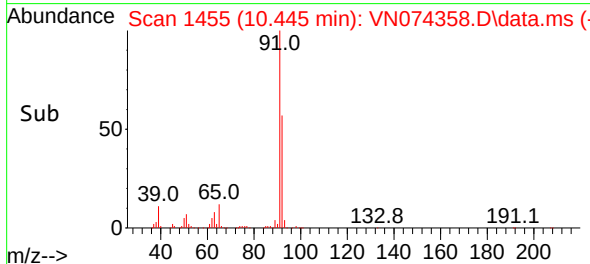
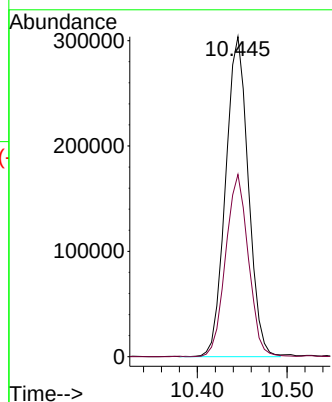
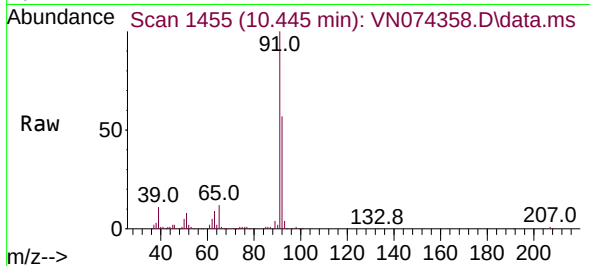




#62
Toluene
Concen: 19.387 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

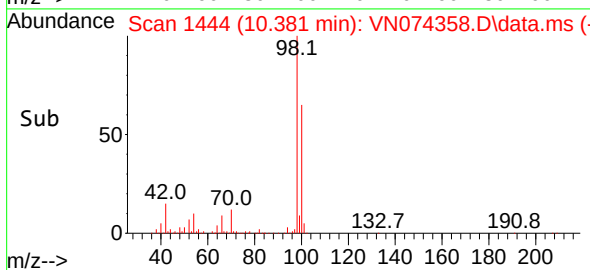
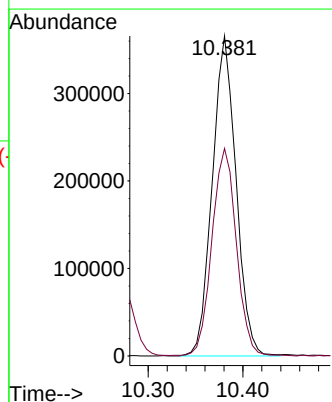
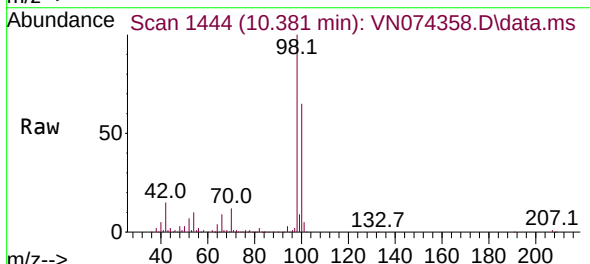
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

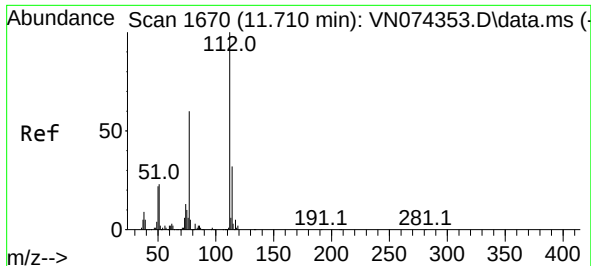
Tgt Ion: 91 Resp: 534292
Ion Ratio Lower Upper
91 100
92 57.0 44.6 67.0



#63
Toluene-d8
Concen: 29.859 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 98 Resp: 639285
Ion Ratio Lower Upper
98 100
100 66.6 50.6 76.0

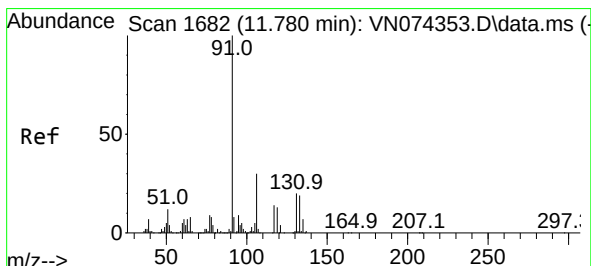
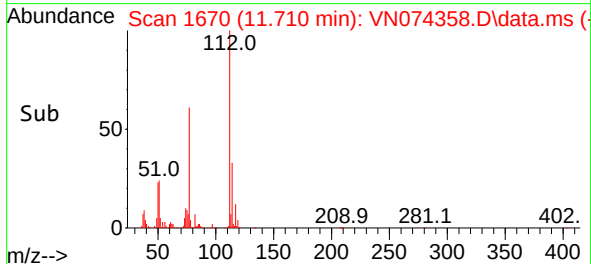
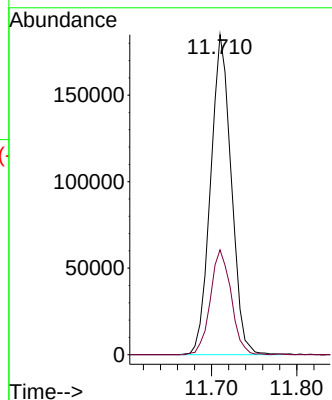
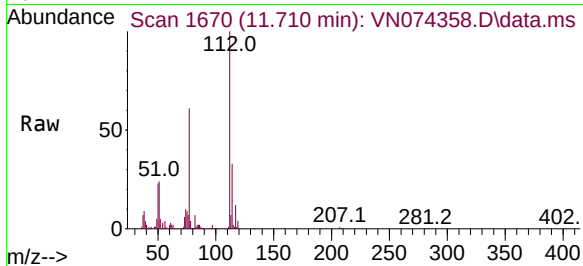




#64
Chlorobenzene
Concen: 19.124 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

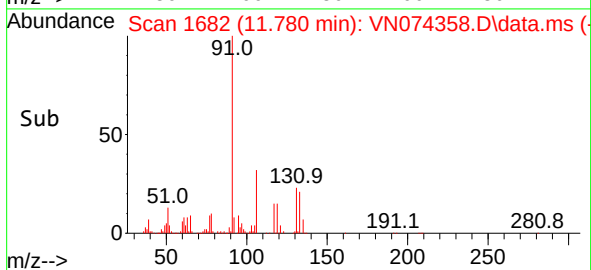
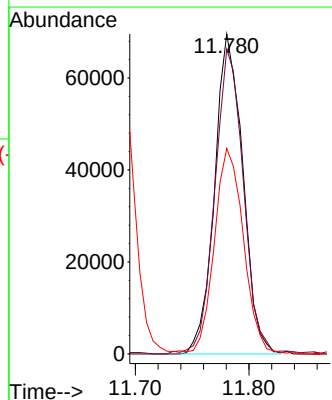
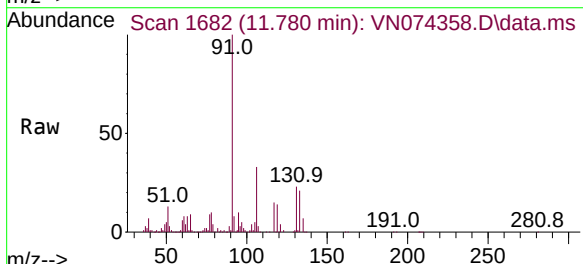
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

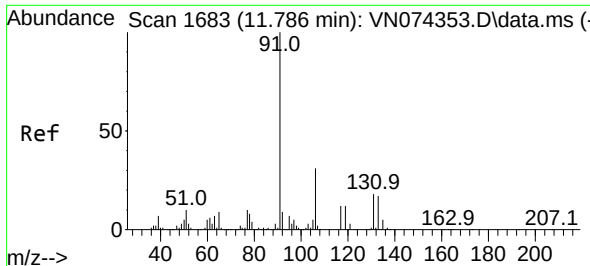
Tgt Ion:112 Resp: 311885
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 19.391 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion:131 Resp: 119774
Ion Ratio Lower Upper
131 100
133 96.4 0.0 191.2
119 66.3 0.0 128.8

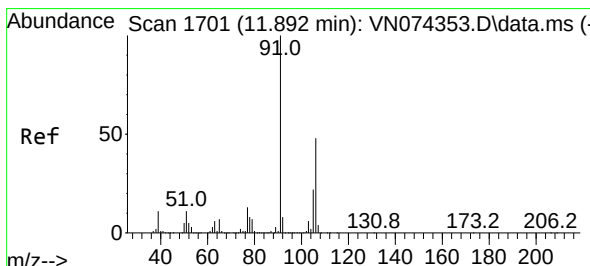
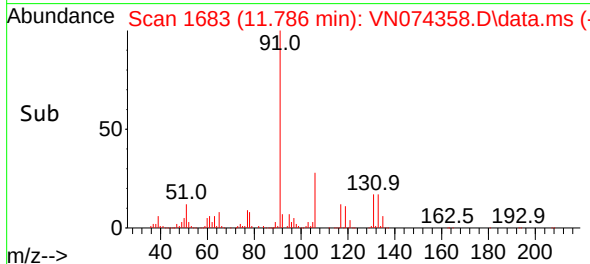
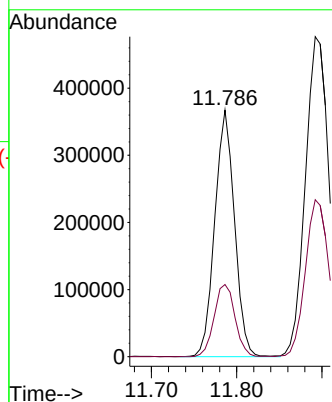
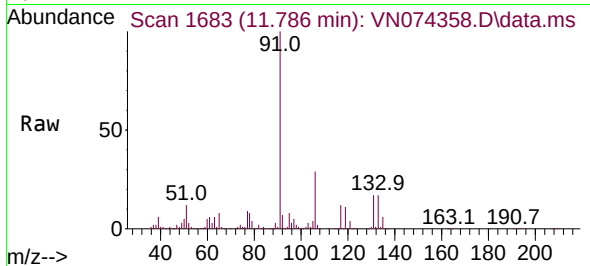




#66
Ethyl Benzene
Concen: 19.393 ug/l
RT: 11.786 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

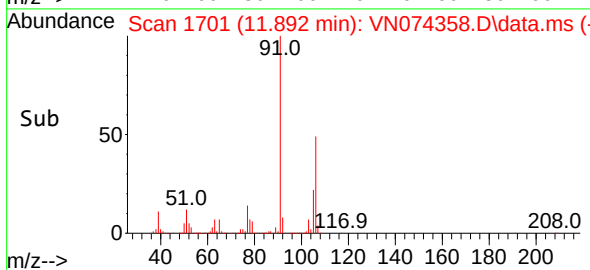
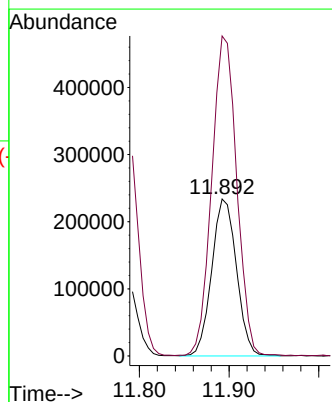
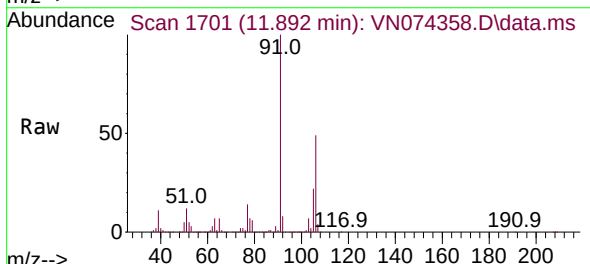
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

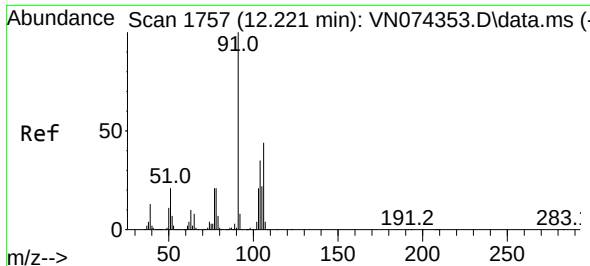
Tgt Ion: 91 Resp: 591112
Ion Ratio Lower Upper
91 100
106 29.2 24.0 36.0



#67
m/p-Xylenes
Concen: 38.577 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion:106 Resp: 448339
Ion Ratio Lower Upper
106 100
91 204.7 162.9 244.3

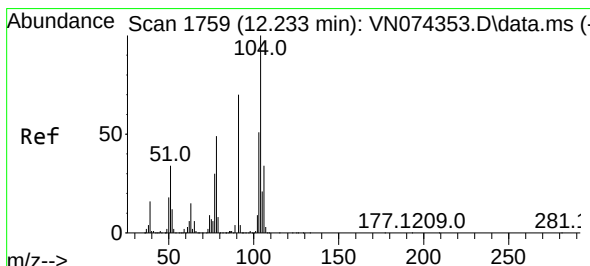
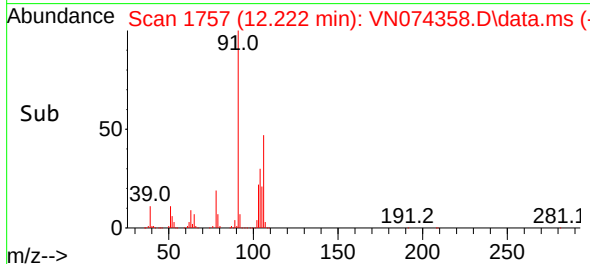
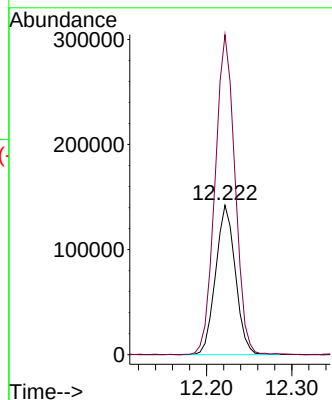
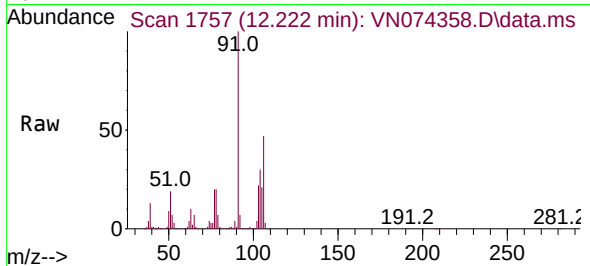




#68
o-Xylene
Concen: 19.322 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

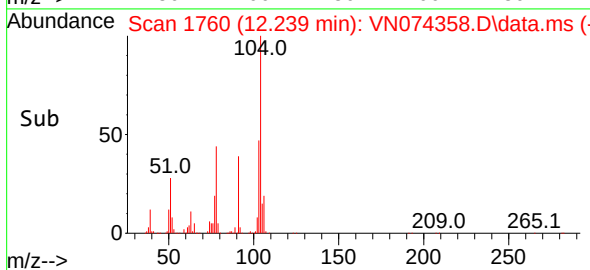
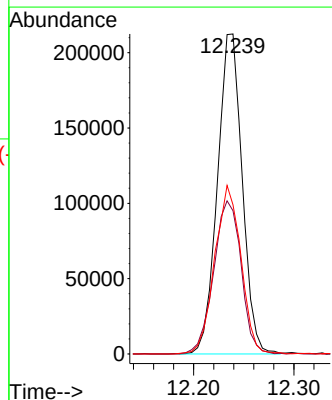
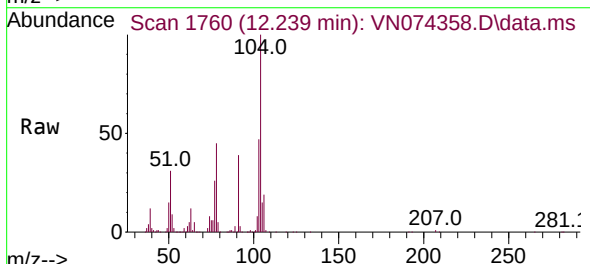
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

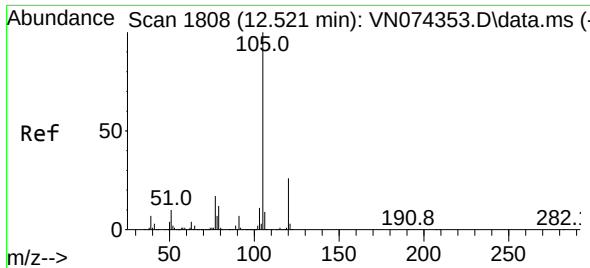
Tgt Ion:106 Resp: 229183
Ion Ratio Lower Upper
106 100
91 216.4 107.7 323.1



#69
Styrene
Concen: 18.597 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion:104 Resp: 364875
Ion Ratio Lower Upper
104 100
78 53.0 40.7 61.1
103 55.8 45.8 68.8

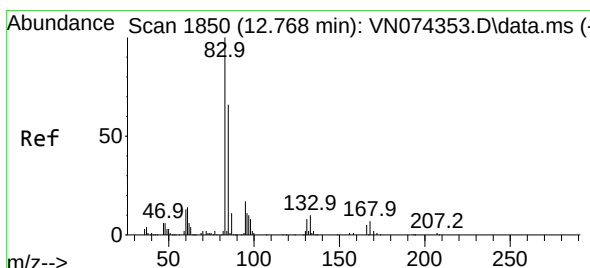
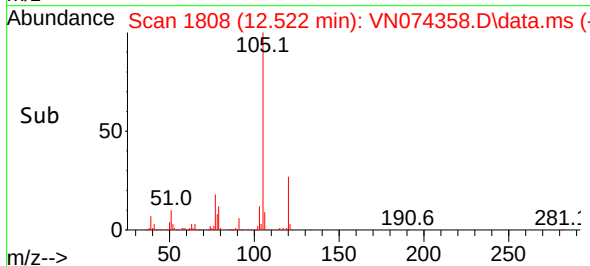
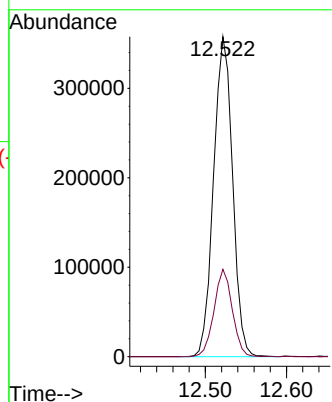
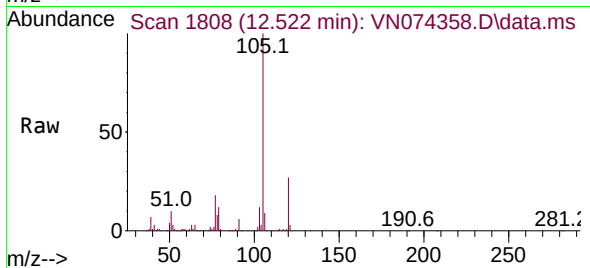




#70
Isopropylbenzene
Concen: 18.895 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

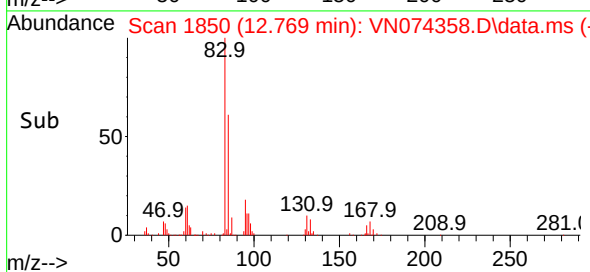
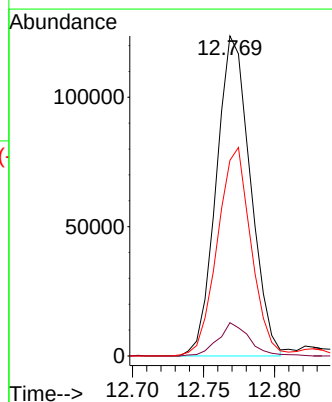
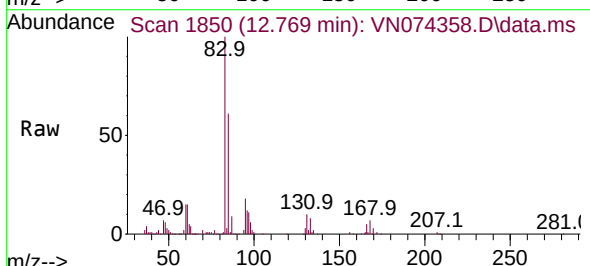
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

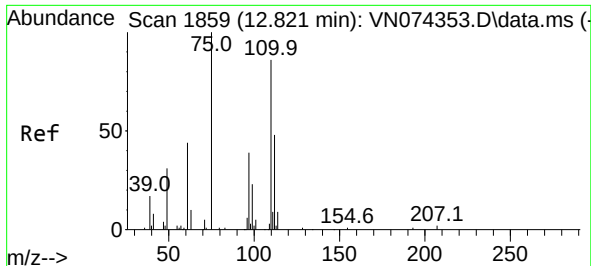
Tgt Ion:105 Resp: 582054
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 19.246 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 83 Resp: 206741
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.4 33.1 99.2

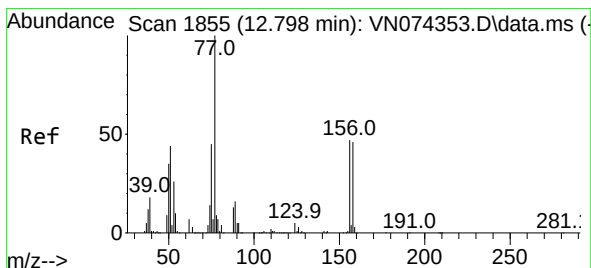
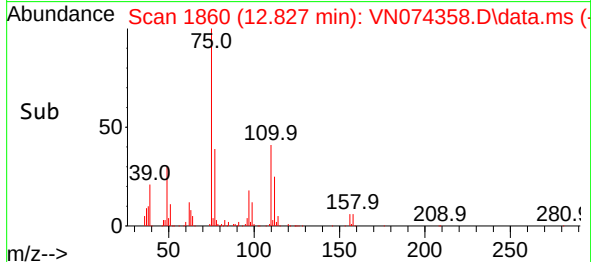
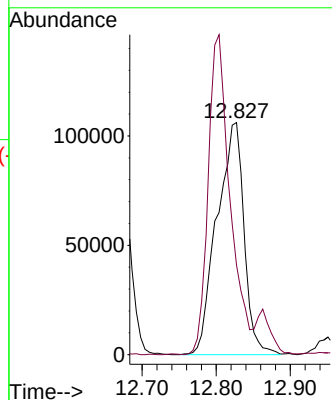
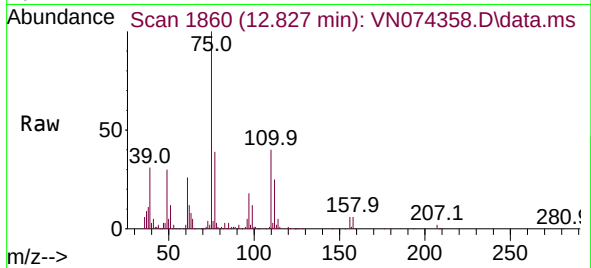




#72
1,2,3-Trichloropropane
Concen: 30.534 ug/l
RT: 12.827 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

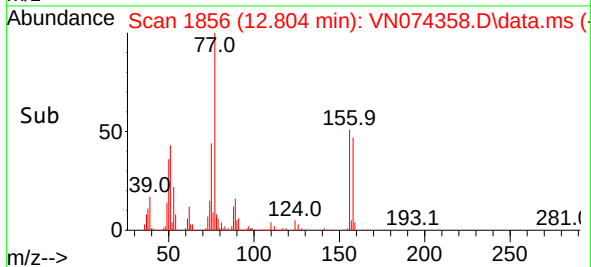
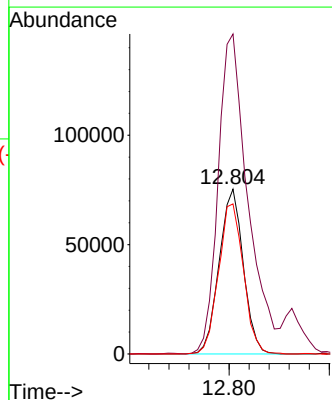
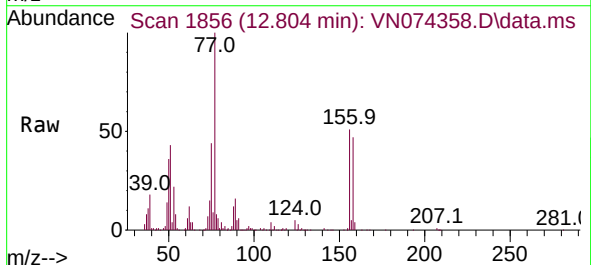
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

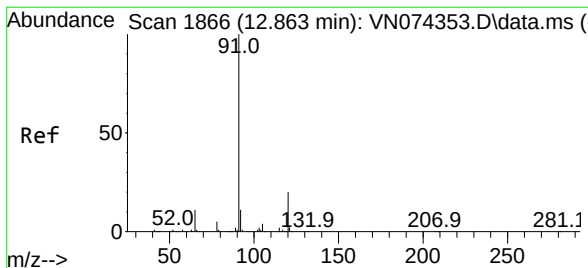
Tgt Ion: 75 Resp: 269383
Ion Ratio Lower Upper
75 100
77 110.6 0.0 378.0



#73
Bromobenzene
Concen: 18.827 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 156 Resp: 125788
Ion Ratio Lower Upper
156 100
77 237.0 0.0 416.0
158 94.0 0.0 195.4





#74

n-propylbenzene

Concen: 18.792 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

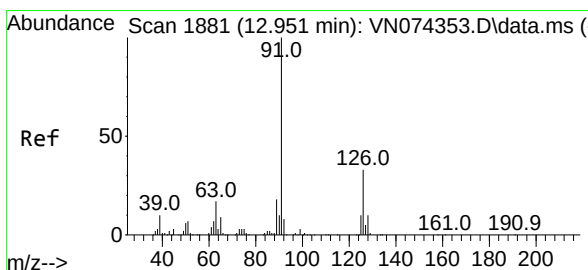
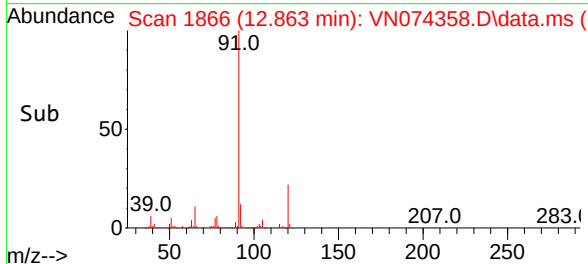
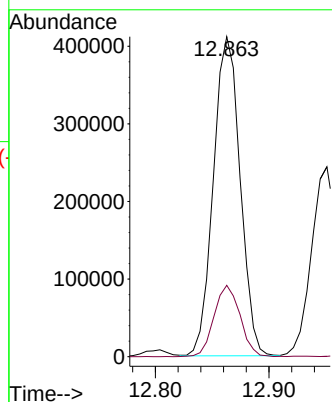
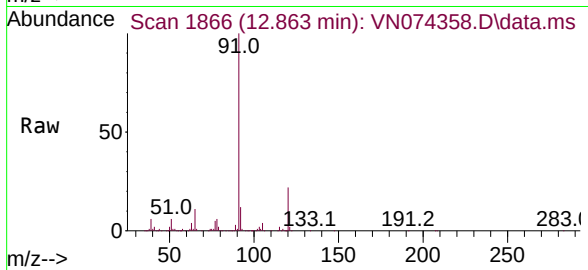
ICVVN090822

Tgt Ion: 91 Resp: 672823

Ion Ratio Lower Upper

91 100

120 21.8 0.0 45.0



#75

2-Chlorotoluene

Concen: 19.017 ug/l

RT: 12.951 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN074358.D

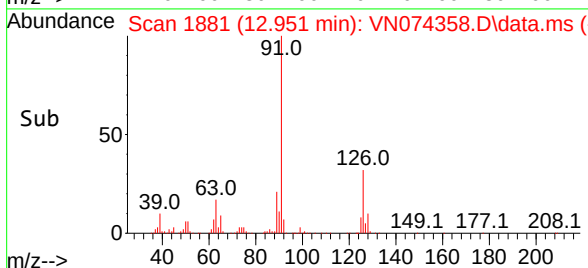
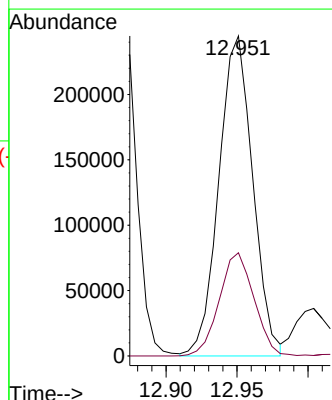
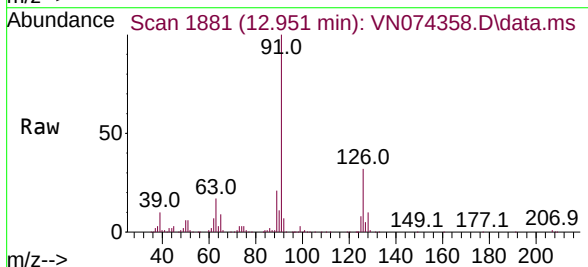
Acq: 08 Sep 2022 14:51

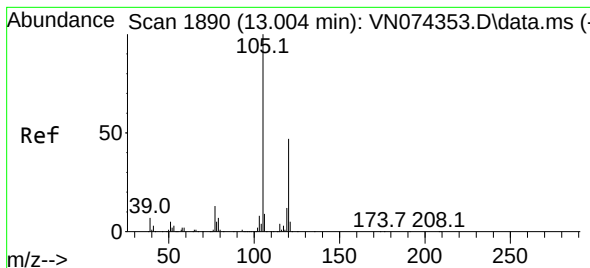
Tgt Ion: 91 Resp: 406321

Ion Ratio Lower Upper

91 100

126 33.1 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 18.949 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

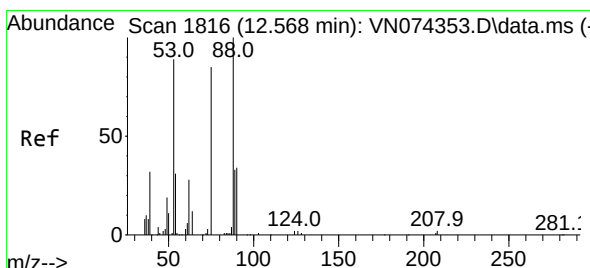
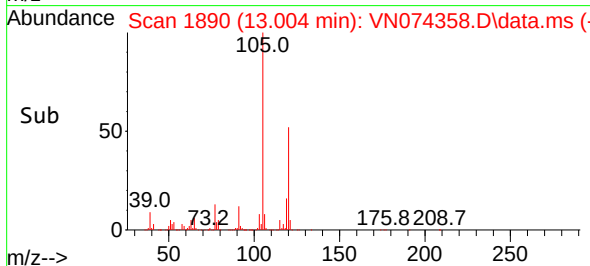
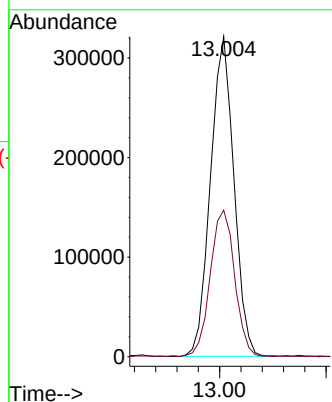
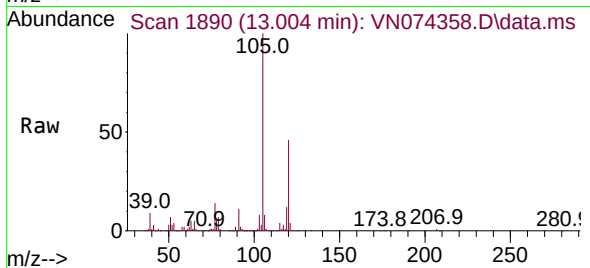
ICVVN090822

Tgt Ion:105 Resp: 490809

Ion Ratio Lower Upper

105 100

120 47.7 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 18.524 ug/l

RT: 12.569 min Scan# 1816

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

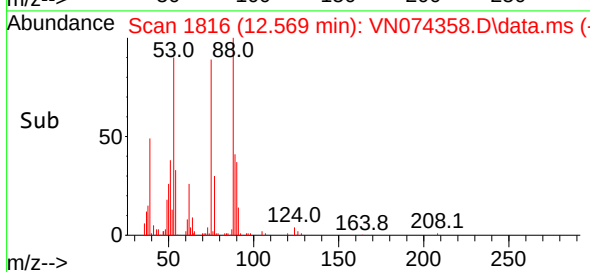
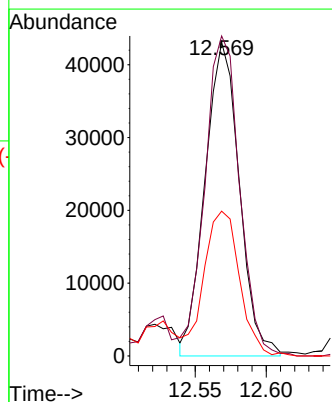
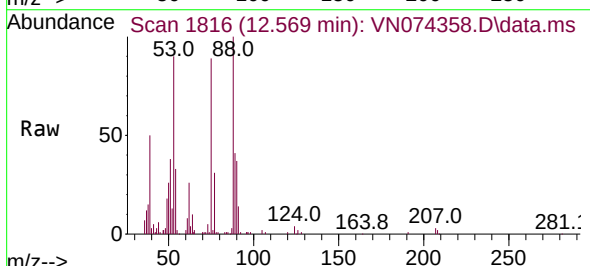
Tgt Ion: 75 Resp: 72271

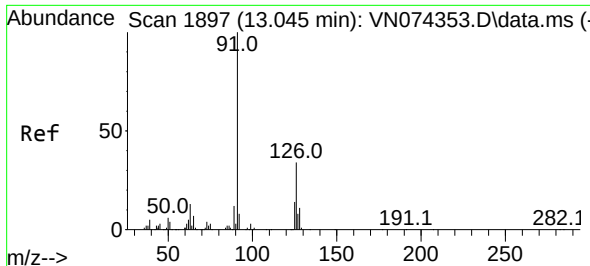
Ion Ratio Lower Upper

75 100

53 102.4 51.8 155.5

89 45.7 22.9 68.7

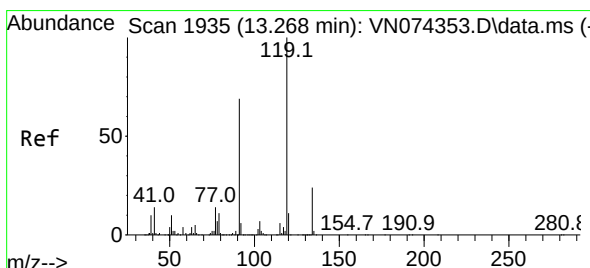
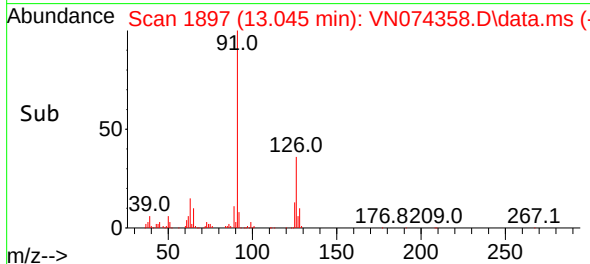
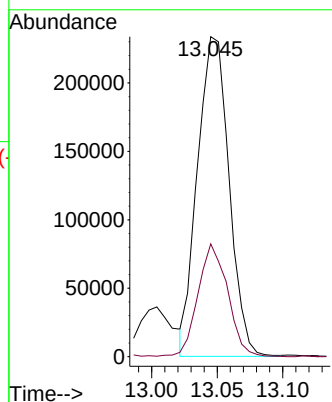
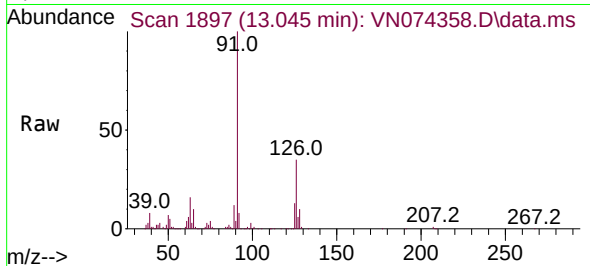




#78
4-Chlorotoluene
Concen: 18.626 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

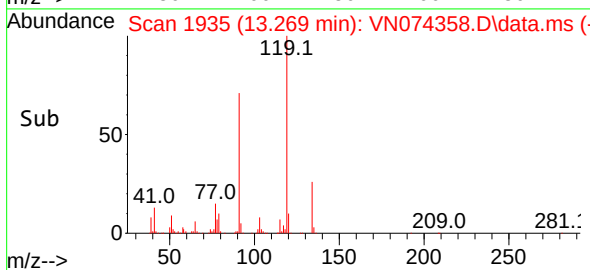
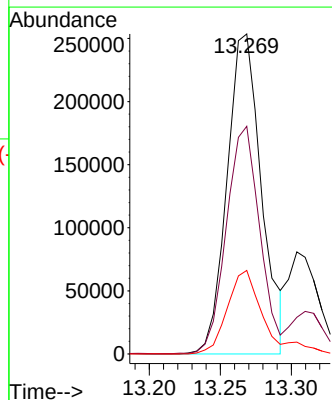
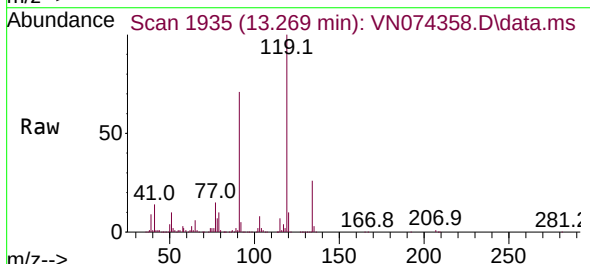
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

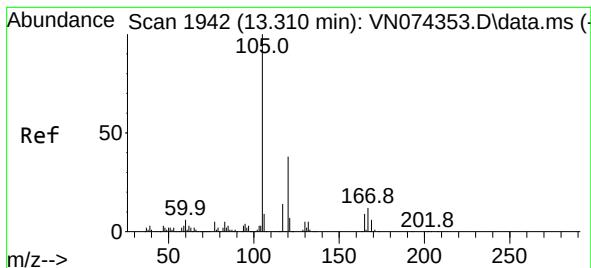
Tgt Ion: 91 Resp: 391708
Ion Ratio Lower Upper
91 100
126 33.2 0.0 70.6



#79
tert-butylbenzene
Concen: 18.584 ug/l
RT: 13.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 119 Resp: 427991
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 24.9 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 18.590 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

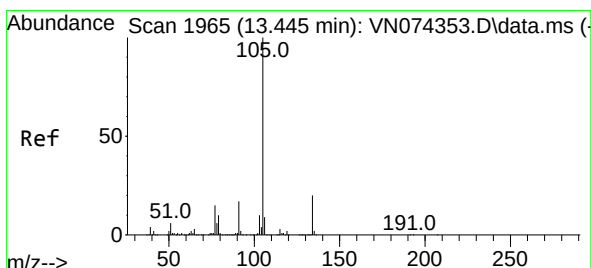
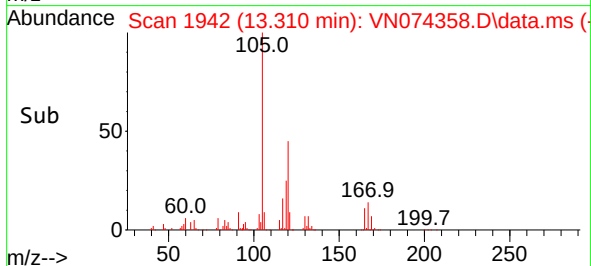
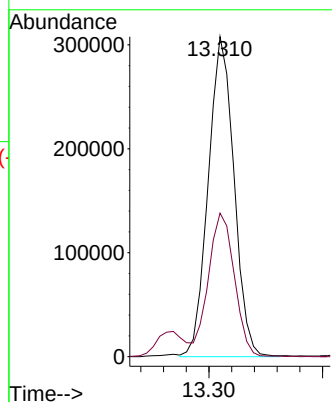
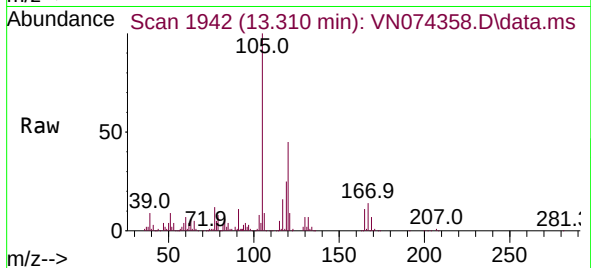
ICVVN090822

Tgt Ion:105 Resp: 484713

Ion Ratio Lower Upper

105 100

120 45.0 0.0 0.2#



#81

sec-Butylbenzene

Concen: 18.902 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VN074358.D

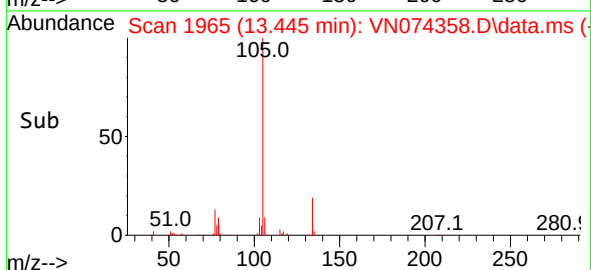
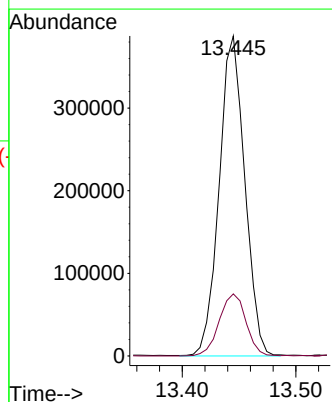
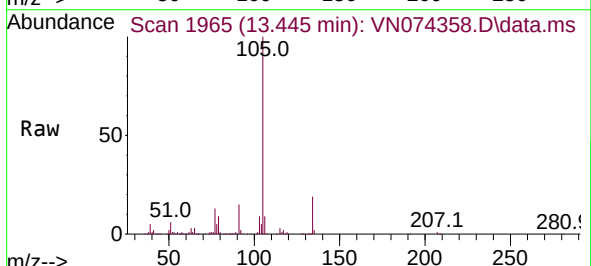
Acq: 08 Sep 2022 14:51

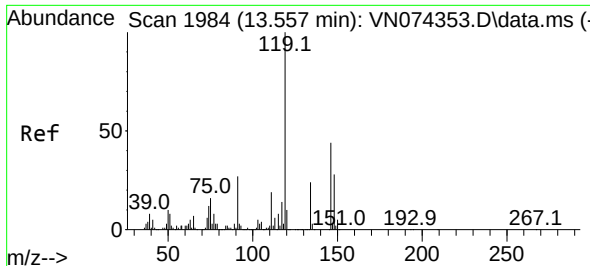
Tgt Ion:105 Resp: 607103

Ion Ratio Lower Upper

105 100

134 20.3 0.0 39.4

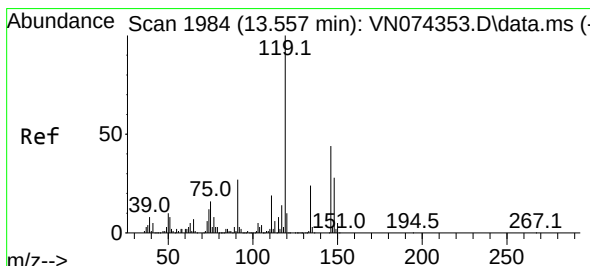
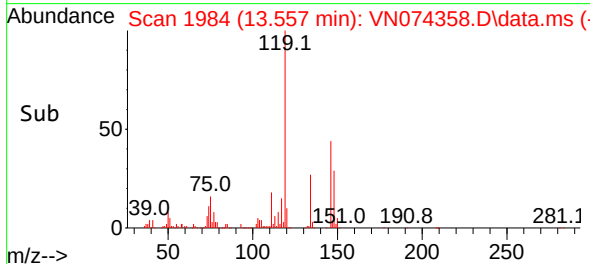
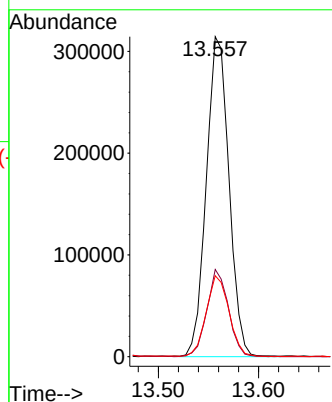
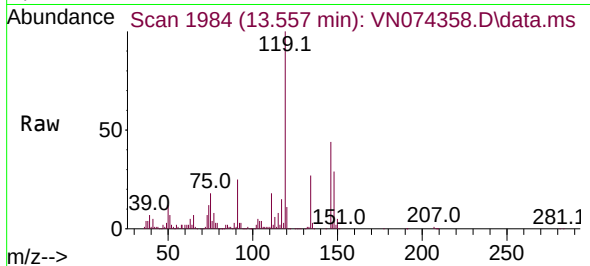




#82
 p-Isopropyltoluene
 Concen: 18.653 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074358.D
 Acq: 08 Sep 2022 14:51

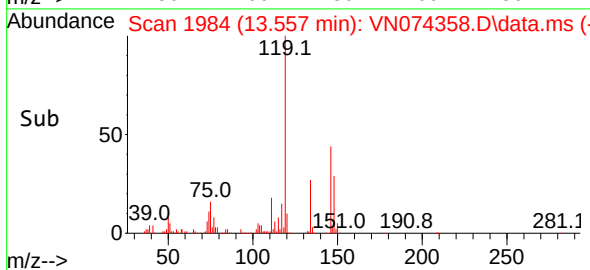
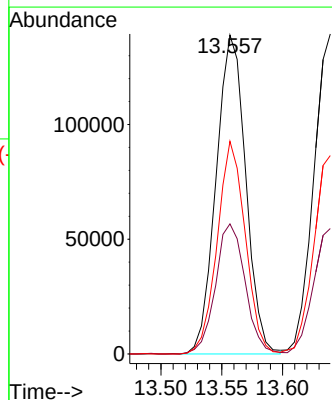
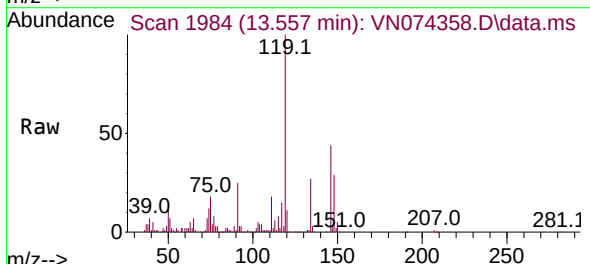
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090822

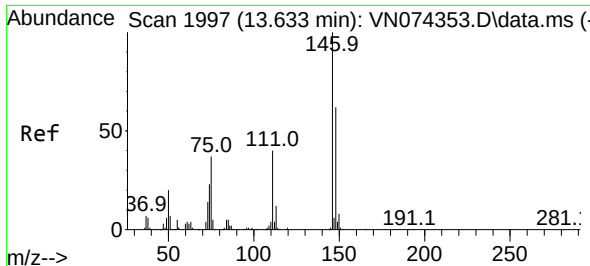
Tgt Ion:119 Resp: 495245
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 25.5 0.0 50.4



#83
 1,3-Dichlorobenzene
 Concen: 18.719 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074358.D
 Acq: 08 Sep 2022 14:51

Tgt Ion:146 Resp: 235219
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.2
 148 63.2 31.4 94.3

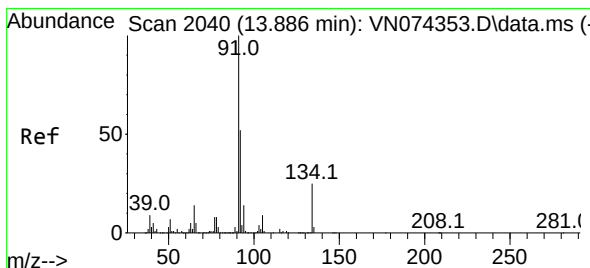
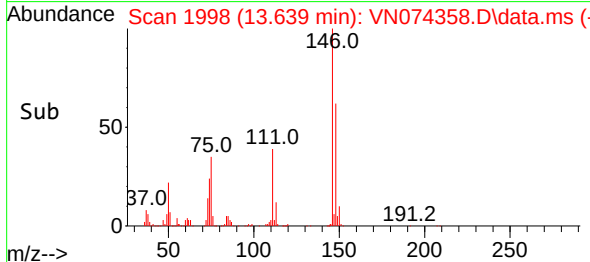
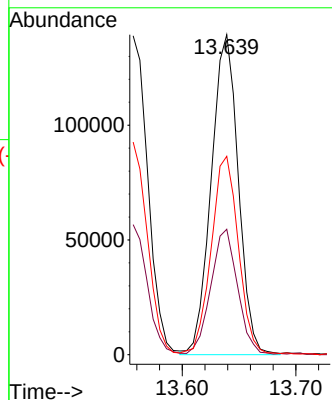
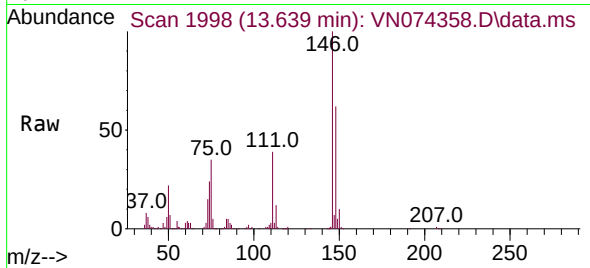




#84
1,4-Dichlorobenzene
Concen: 18.543 ug/l
RT: 13.639 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

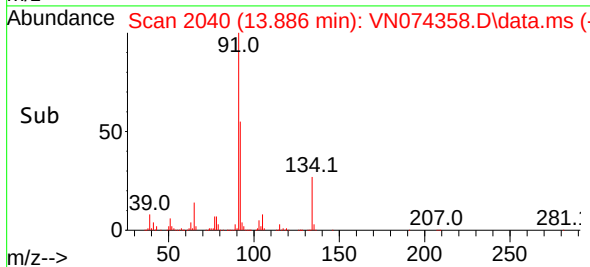
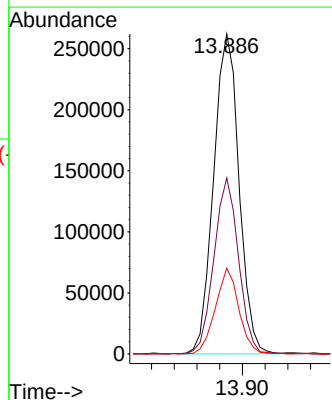
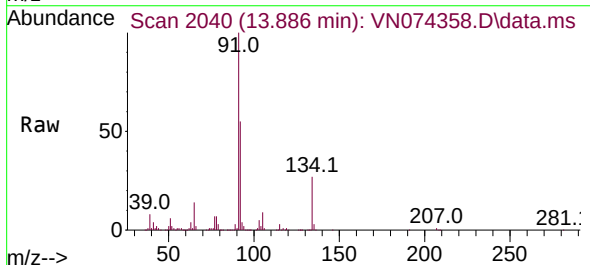
Instrument :
MSVOA_N
ClientSampleId :
ICV090822

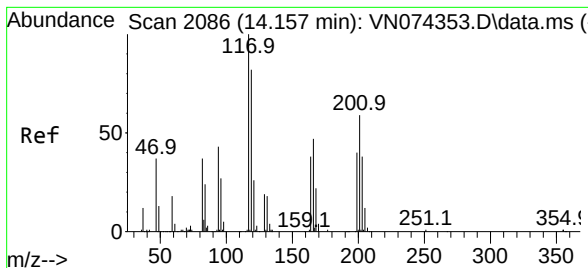
Tgt Ion:146 Resp: 230810
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 62.5 31.1 93.5



#85
n-Butylbenzene
Concen: 17.478 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

Tgt Ion: 91 Resp: 407242
Ion Ratio Lower Upper
91 100
92 52.9 0.0 100.6
134 24.8 0.0 50.2





#86

Hexachloroethane

Concen: 19.151 ug/l

RT: 14.151 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

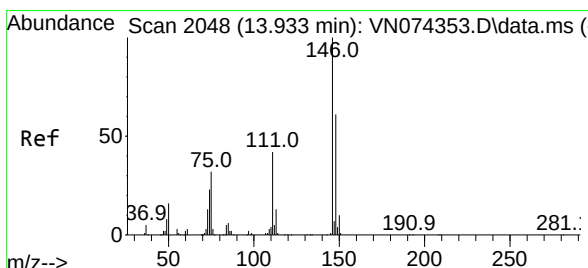
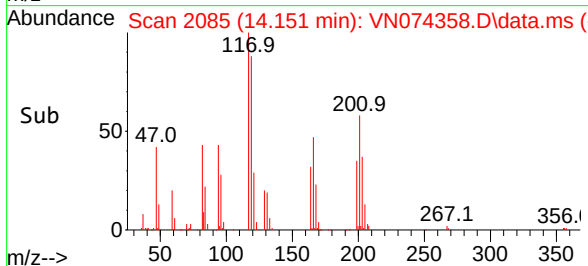
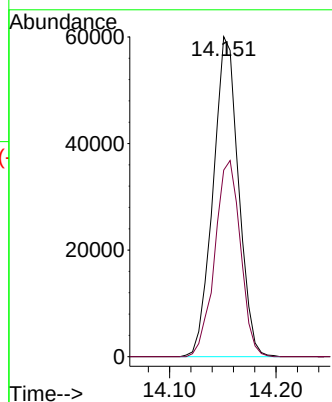
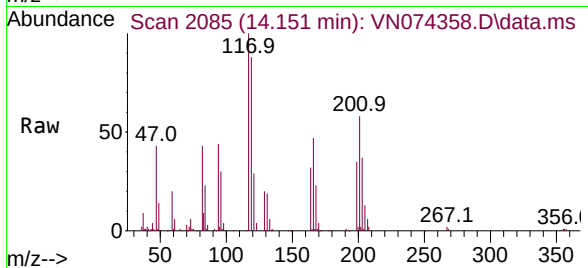
ICVVN090822

Tgt Ion:117 Resp: 99293

Ion Ratio Lower Upper

117 100

201 62.0 33.3 99.8



#87

1,2-Dichlorobenzene

Concen: 18.635 ug/l

RT: 13.933 min Scan# 2048

Delta R.T. 0.000 min

Lab File: VN074358.D

Acq: 08 Sep 2022 14:51

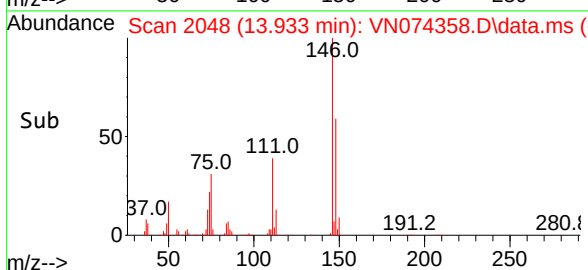
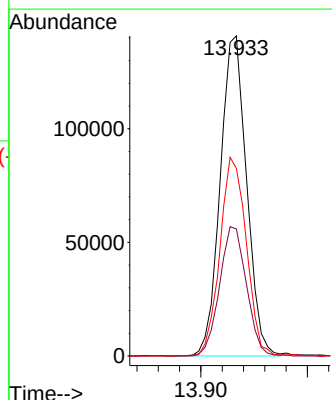
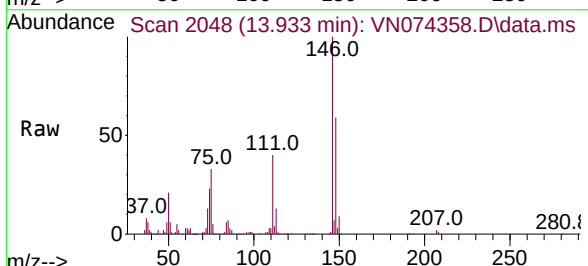
Tgt Ion:146 Resp: 242105

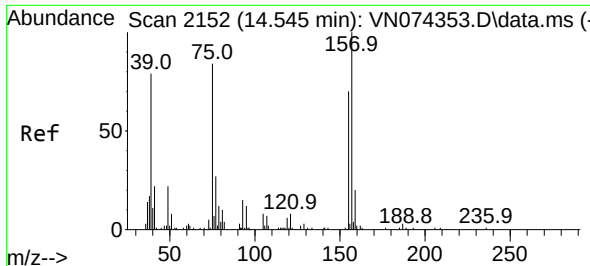
Ion Ratio Lower Upper

146 100

111 41.1 21.4 64.2

148 62.0 32.5 97.4

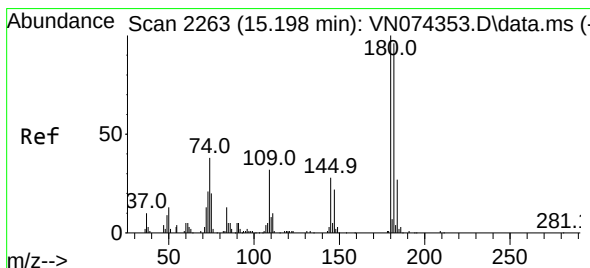
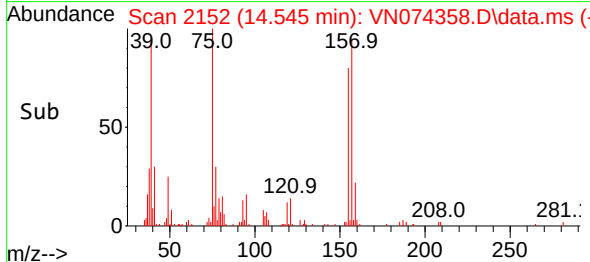
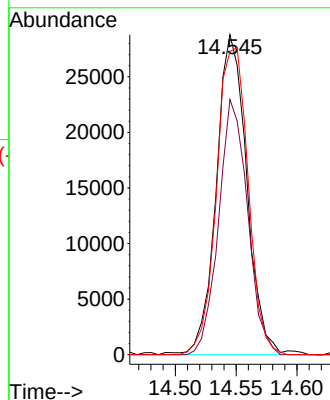
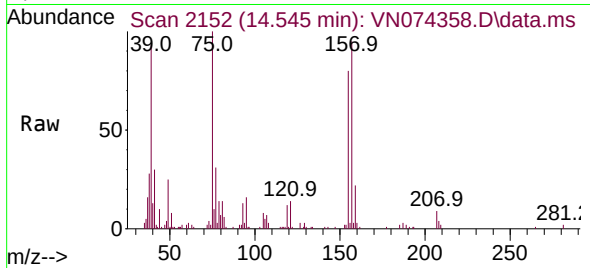




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.930 ug/l
 RT: 14.545 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: VN074358.D
 Acq: 08 Sep 2022 14:51

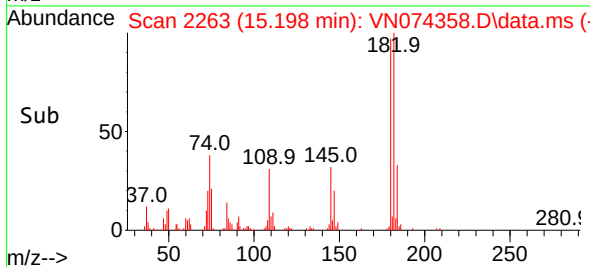
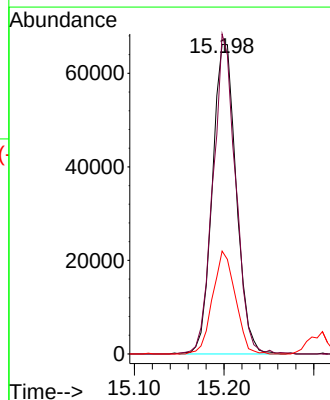
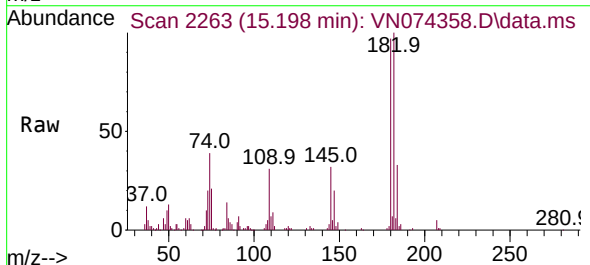
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090822

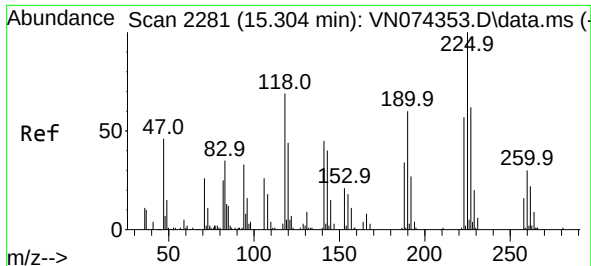
Tgt Ion: 75 Resp: 49802
 Ion Ratio Lower Upper
 75 100
 155 76.2 63.8 95.8
 157 100.2 77.9 116.9



#89
 1,2,4-Trichlorobenzene
 Concen: 17.969 ug/l
 RT: 15.198 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: VN074358.D
 Acq: 08 Sep 2022 14:51

Tgt Ion: 180 Resp: 122052
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.7 116.5
 145 31.7 26.6 39.8

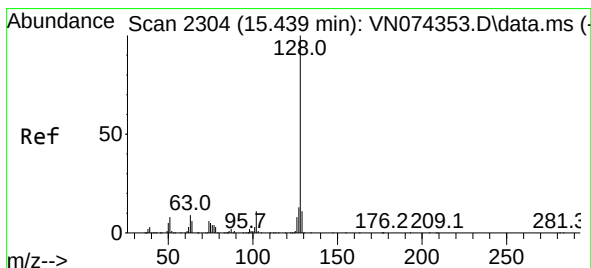
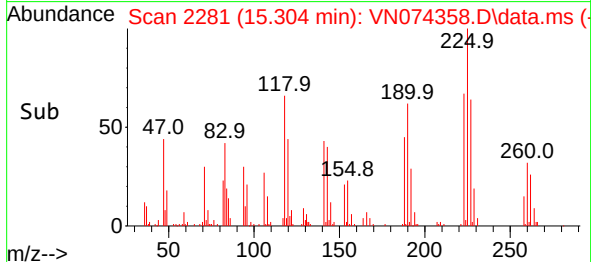
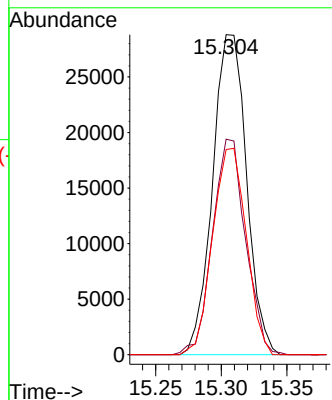
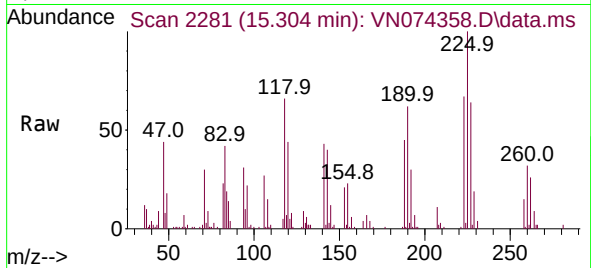




#90
Hexachlorobutadiene
Concen: 17.890 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

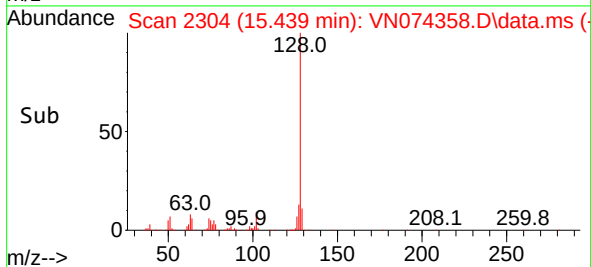
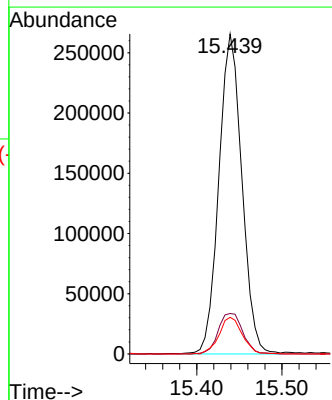
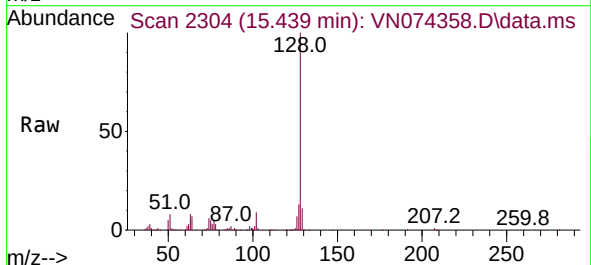
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

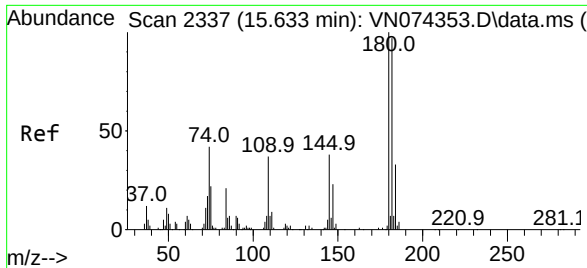
Tgt Ion:225 Resp: 51861
Ion Ratio Lower Upper
225 100
223 65.7 0.0 126.8
227 64.0 0.0 123.0



#91
Naphthalene
Concen: 18.303 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074358.D
Acq: 08 Sep 2022 14:51

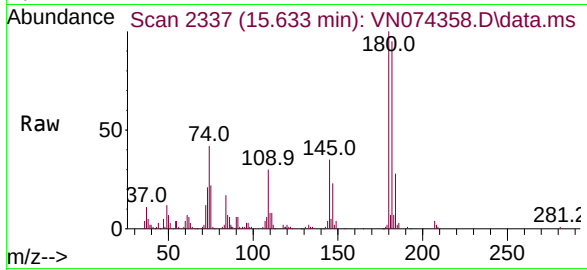
Tgt Ion:128 Resp: 498371
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.6 9.0 13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 18.355 ug/l
 RT: 15.633 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074358.D
 Acq: 08 Sep 2022 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090822



Tgt Ion:	180	Resp:	126582
Ion Ratio	Lower	Upper	
180	100		
182	94.2	0.0	190.0
145	34.3	0.0	67.8

