

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092822\
 Data File : VN074649.D
 Acq On : 28 Sep 2022 16:13
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Sep 28 16:32:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.487	128	102597	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.822	114	606143	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.616	117	564975	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.287	65	304177	31.443	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.800%
60) 4-Bromofluorobenzene	12.604	95	298045	27.158	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.533%
63) Toluene-d8	10.310	98	966373	30.325	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.999	85	125307	20.783	ug/l	92
3) Chloromethane	2.216	50	201312	22.736	ug/l	91
4) Vinyl Chloride	2.352	62	298347	26.319	ug/l	99
5) Bromomethane	2.716	94	187281	25.633	ug/l	89
6) Chloroethane	2.881	64	217557	27.152	ug/l	91
7) Trichlorofluoromethane	3.228	101	224916	21.363	ug/l	90
8) Diethyl Ether	3.675	74	114767	20.666	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.040	101	141819	21.011	ug/l	77
10) 1,1-Dichloroethene	4.010	96	141979	20.400	ug/l	91
11) Methyl Iodide	4.252	142	166178	18.642	ug/l	97
12) Methyl Acetate	4.663	43	320960m	21.540	ug/l	
13) Acrolein	3.887	56	93455	77.057	ug/l	93
14) Acrylonitrile	5.357	53	612779	101.456	ug/l	99
15) Acetone	4.122	58	160726	101.318	ug/l	97
16) Carbon Disulfide	4.351	76	394461	20.167	ug/l	97
17) Allyl chloride	4.646	41	326633	23.015	ug/l	91
18) Methylene Chloride	4.893	84	189500	21.358	ug/l	92
19) trans-1,2-Dichloroethene	5.393	96	154381	19.627	ug/l	93
20) Diisopropyl ether	6.298	45	669608	21.569	ug/l	95
21) 1,1-Dichloroethane	6.193	63	340841	21.740	ug/l	99
22) cis-1,2-Dichloroethene	7.145	96	189270	19.944	ug/l	96
23) tert-Butyl Alcohol	5.169	59	237212	95.381	ug/l	# 100
24) Methyl tert-Butyl Ether	5.404	73	571807m	19.827	ug/l	
25) Chloroform	7.651	83	308890	19.874	ug/l	98
26) Cyclohexane	7.934	56	312674	22.178	ug/l	# 99
29) 1,1-Dichloropropene	8.063	75	241508	21.331	ug/l	92
30) 2-Butanone	7.157	43	870434	100.773	ug/l	97
31) 2,2-Dichloropropane	7.140	77	272066	20.130	ug/l	97
32) 1,1,1-Trichloroethane	7.851	97	262881	19.656	ug/l	95
33) Carbon Tetrachloride	8.045	117	222332	19.876	ug/l	95
34) Benzene	8.304	78	752836	20.087	ug/l	96
35) Methacrylonitrile	7.469	41	183933	22.382	ug/l	87
36) 1,2-Dichloroethane	8.375	62	246522	20.143	ug/l	99
37) Trichloroethene	9.075	130	163511	20.546	ug/l	99
38) Methylcyclohexane	9.322	83	299596	20.446	ug/l	97
39) 1,2-Dichloropropane	9.351	63	209245	21.086	ug/l	98
40) Dibromomethane	9.439	93	122900	19.195	ug/l	98
41) Bromodichloromethane	9.622	83	254498	19.996	ug/l	99
42) Vinyl Acetate	6.240	43	2936055	104.570	ug/l	98

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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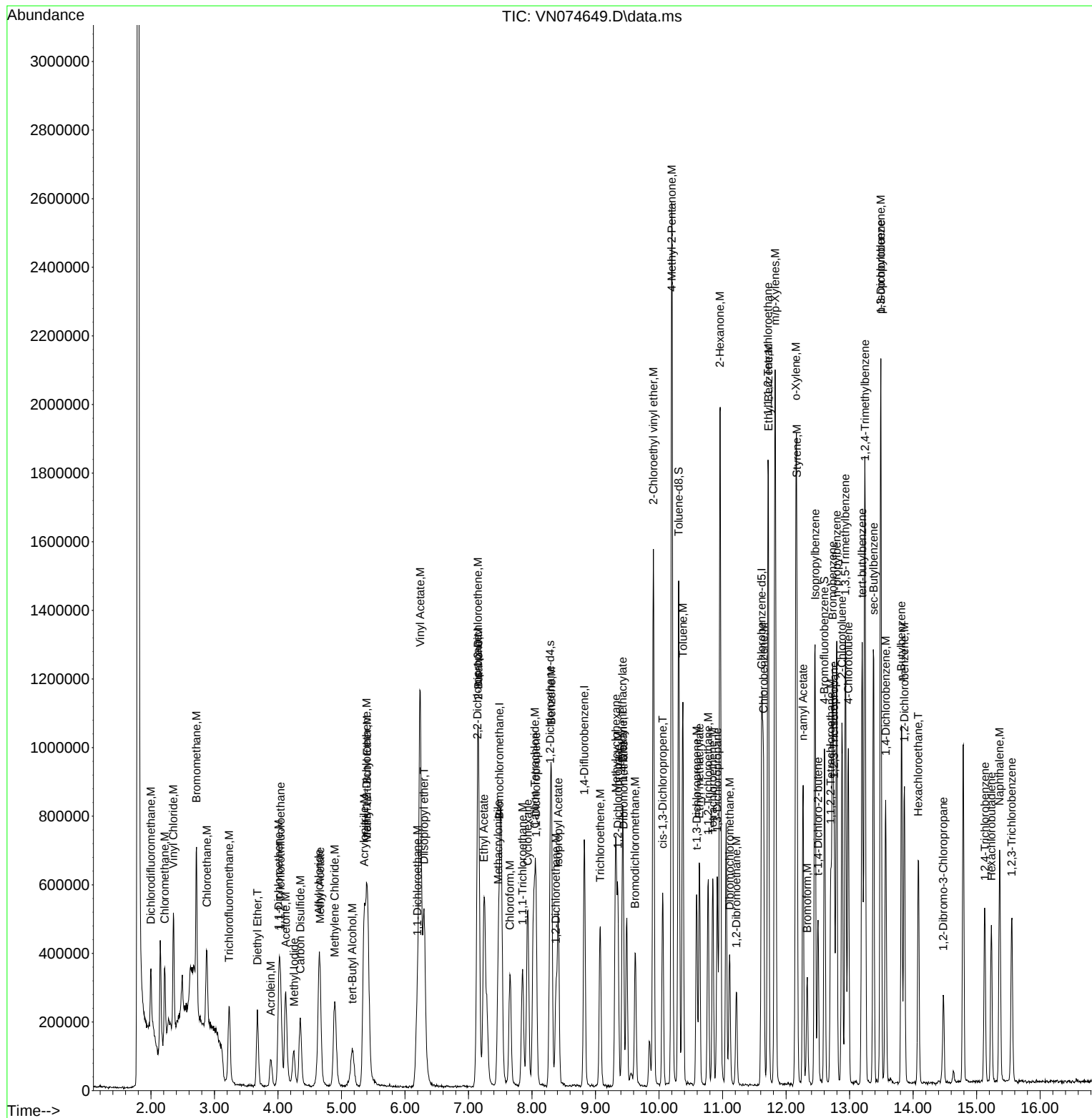
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43) Ethyl Acetate	7.240	43	342684	20.484	ug/l	97
44) Isopropyl Acetate	8.410	43	566007	20.835	ug/l	98
45) 1,4-Dioxane	9.434	88	88706	382.637	ug/l	98
46) Methyl methacrylate	9.428	41	241620	21.354	ug/l	93
47) n-amyl Acetate	12.269	43	482674	19.412	ug/l	99
48) t-1,3-Dichloropropene	10.592	75	295271	19.110	ug/l	94
49) cis-1,3-Dichloropropene	10.057	75	314788	19.578	ug/l	98
50) 1,1,2-Trichloroethane	10.775	97	184509	19.821	ug/l	89
51) Ethyl methacrylate	10.633	69	329765	18.893	ug/l	94
52) 1,3-Dichloropropane	10.916	76	326999	19.819	ug/l	99
53) Dibromochloromethane	11.110	129	180550	18.352	ug/l	97
54) 1,2-Dibromoethane	11.216	107	181153	18.811	ug/l	98
55) 2-Chloroethyl vinyl ether	9.910	63	690147	101.886	ug/l	97
56) Bromoform	12.333	173	120933	15.726	ug/l	99
58) 4-Methyl-2-Pentanone	10.198	43	1808364	103.140	ug/l	98
59) 2-Hexanone	10.957	43	1378225	101.491	ug/l	96
61) Tetrachloroethene	10.845	164	126997	20.150	ug/l #	87
62) Toluene	10.375	91	817397	19.758	ug/l	98
64) Chlorobenzene	11.645	112	467509	19.722	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.716	131	170899	19.187	ug/l	97
66) Ethyl Benzene	11.722	91	882288	20.083	ug/l	99
67) m/p-Xylenes	11.827	106	662121	37.538	ug/l	100
68) o-Xylene	12.157	106	333091	18.548	ug/l	100
69) Styrene	12.169	104	522161	17.282	ug/l	98
70) Isopropylbenzene	12.457	105	851866	18.592	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.704	83	310325	19.080	ug/l	97
72) 1,2,3-Trichloropropane	12.757	75	268193m	21.783	ug/l	
73) Bromobenzene	12.733	156	177727	19.305	ug/l	99
74) n-propylbenzene	12.798	91	992098	19.216	ug/l	98
75) 2-Chlorotoluene	12.880	91	573583	18.315	ug/l	100
76) 1,3,5-Trimethylbenzene	12.933	105	695226	17.996	ug/l	100
77) t-1,4-Dichloro-2-butene	12.504	75	111994	17.561	ug/l	88
78) 4-Chlorotoluene	12.980	91	540430	17.219	ug/l	100
79) tert-butylbenzene	13.198	119	613892	18.163	ug/l	97
80) 1,2,4-Trimethylbenzene	13.245	105	680565	17.836	ug/l	97
81) sec-Butylbenzene	13.380	105	870279	18.189	ug/l	97
82) p-Isopropyltoluene	13.492	119	698343	17.741	ug/l	99
83) 1,3-Dichlorobenzene	13.492	146	323848	17.117	ug/l	99
84) 1,4-Dichlorobenzene	13.569	146	321620	17.092	ug/l	98
85) n-Butylbenzene	13.816	91	591672	17.618	ug/l	100
86) Hexachloroethane	14.080	117	141900	18.715	ug/l	98
87) 1,2-Dichlorobenzene	13.863	146	325954	16.843	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.474	75	57279	16.816	ug/l	98
89) 1,2,4-Trichlorobenzene	15.133	180	149226	18.487	ug/l	98
90) Hexachlorobutadiene	15.233	225	68699	19.317	ug/l	95
91) Naphthalene	15.363	128	572580	16.908	ug/l	99
92) 1,2,3-Trichlorobenzene	15.551	180	149239	18.441	ug/l	99

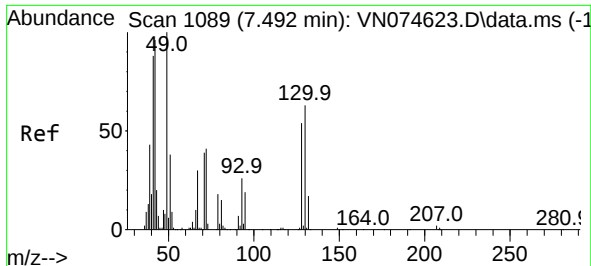
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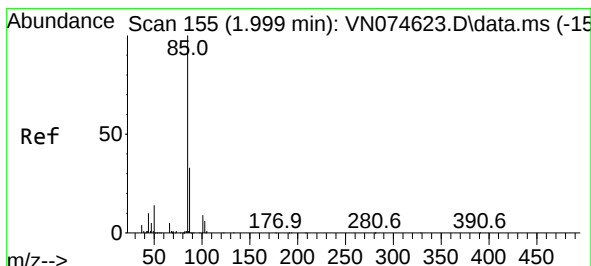
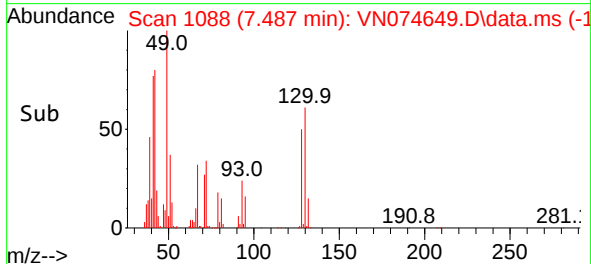
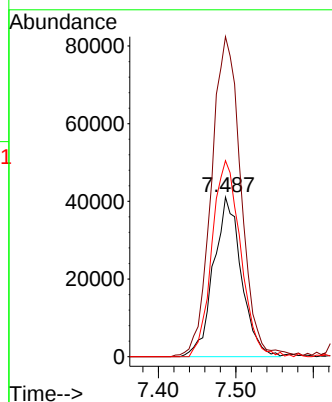
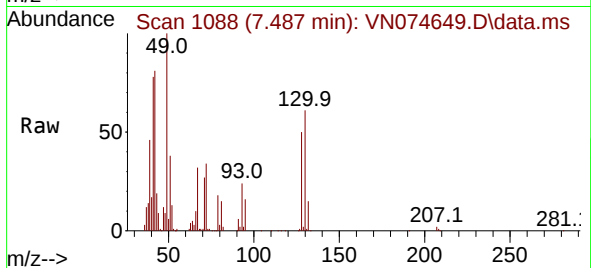




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.487 min Scan# 1088
Delta R.T. -0.005 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

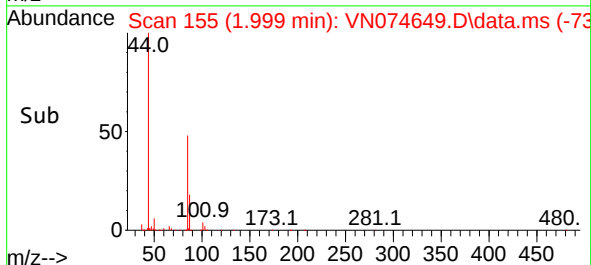
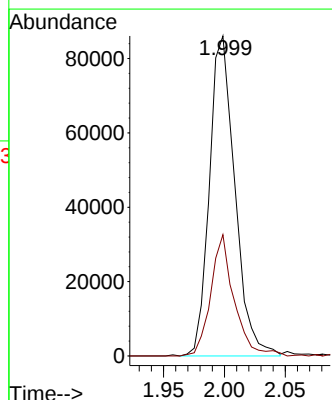
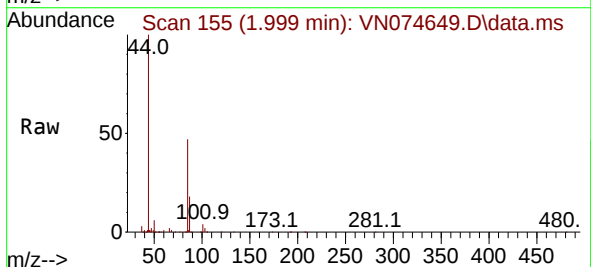
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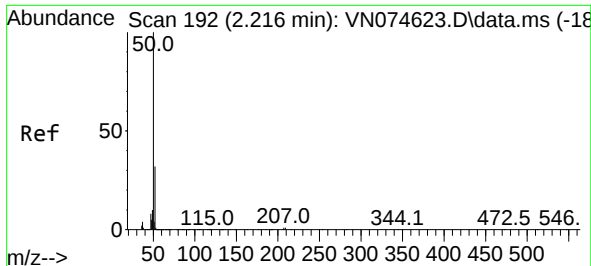
Tgt Ion:128 Resp: 102597
Ion Ratio Lower Upper
128 100
49 211.1 0.0 492.0
130 126.6 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 20.783 ug/l
RT: 1.999 min Scan# 155
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 85 Resp: 125307
Ion Ratio Lower Upper
85 100
87 37.9 16.7 50.1

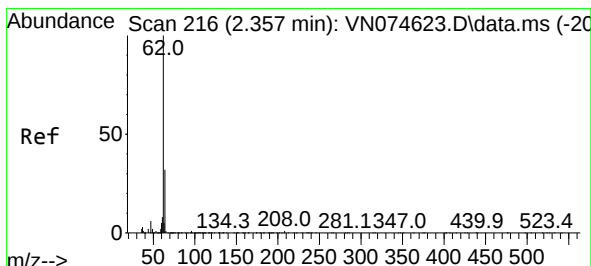
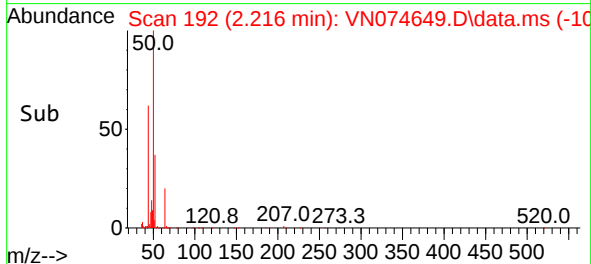
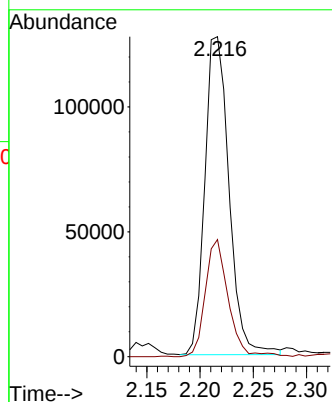
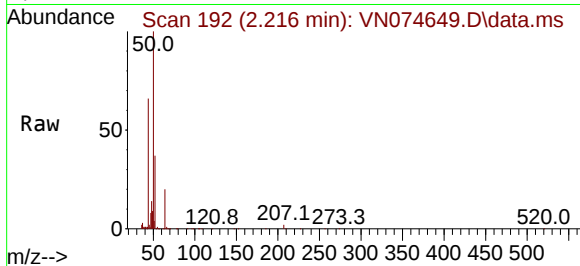




#3
Chloromethane
Concen: 22.736 ug/l
RT: 2.216 min Scan# 192
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

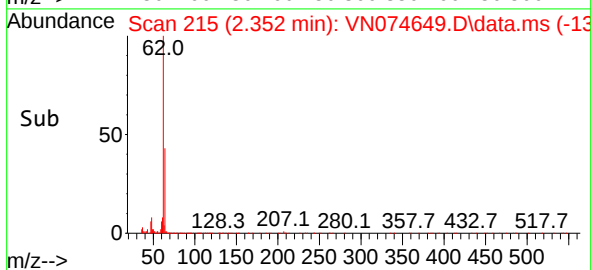
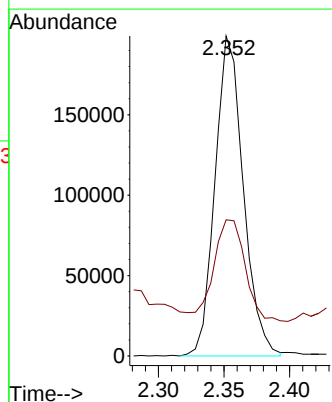
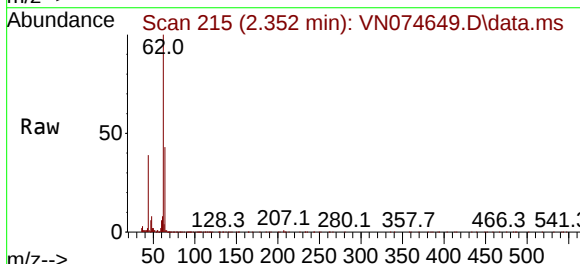
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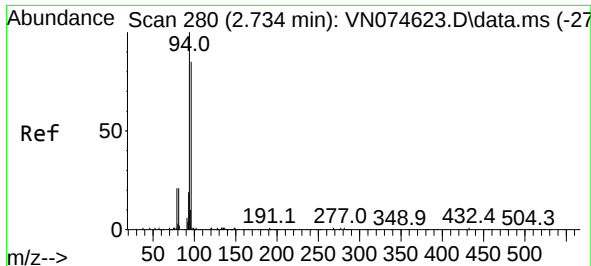
Tgt Ion: 50 Resp: 201312
Ion Ratio Lower Upper
50 100
52 36.8 25.5 38.3



#4
Vinyl Chloride
Concen: 26.319 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 62 Resp: 298347
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4

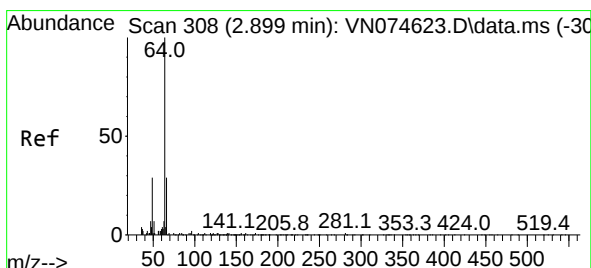
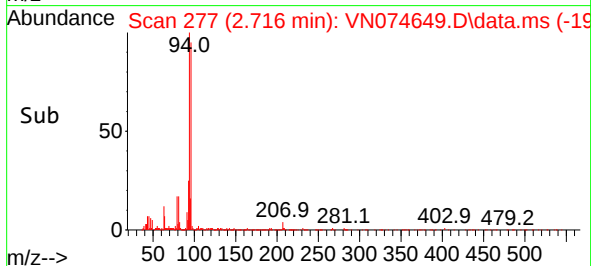
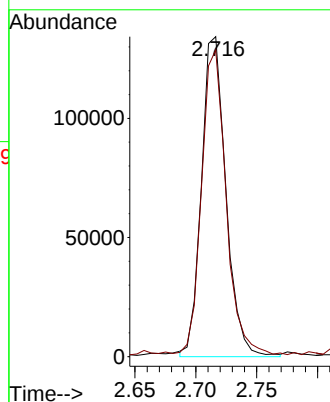
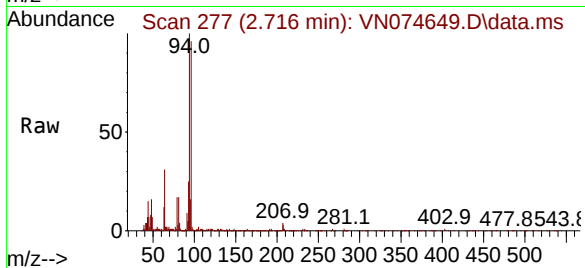




#5
Bromomethane
Concen: 25.633 ug/l
RT: 2.716 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

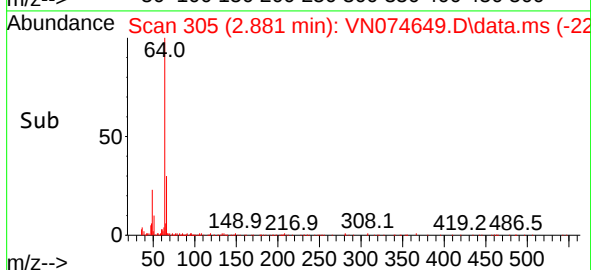
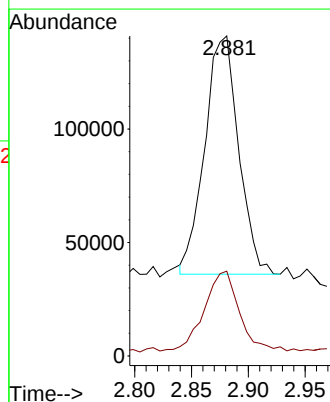
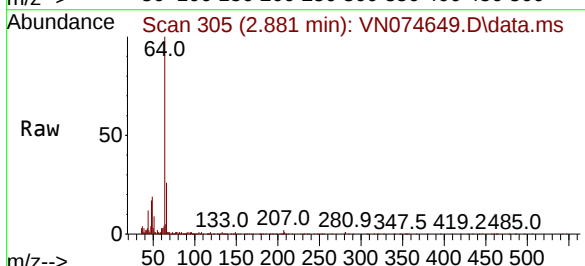
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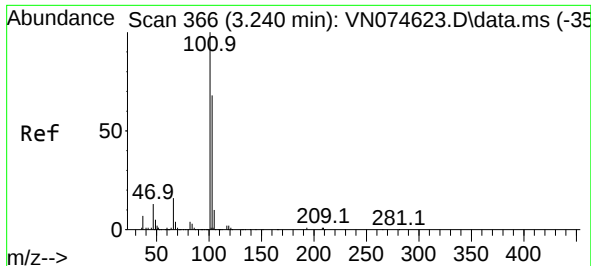
Tgt Ion: 94 Resp: 187281
Ion Ratio Lower Upper
94 100
96 95.4 68.3 102.5



#6
Chloroethane
Concen: 27.152 ug/l
RT: 2.881 min Scan# 305
Delta R.T. -0.018 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 64 Resp: 217557
Ion Ratio Lower Upper
64 100
66 31.7 21.8 32.8

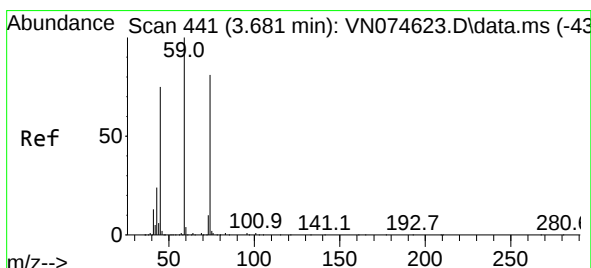
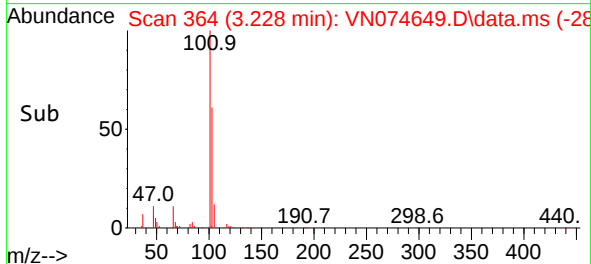
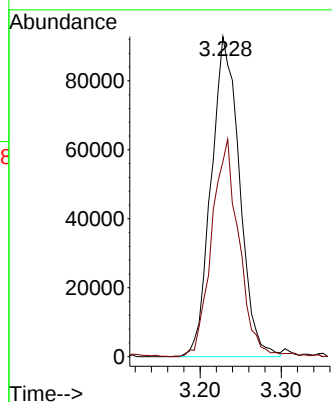
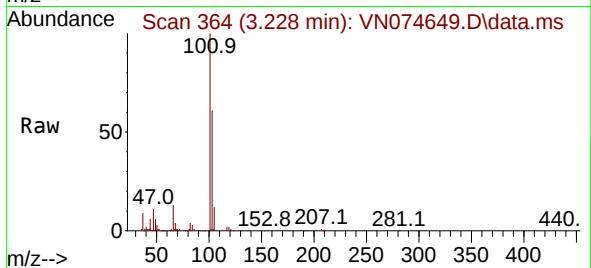




#7
 Trichlorofluoromethane
 Concen: 21.363 ug/l
 RT: 3.228 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

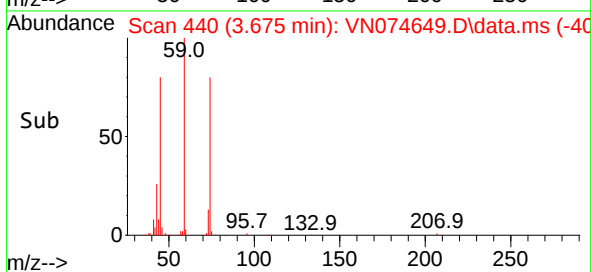
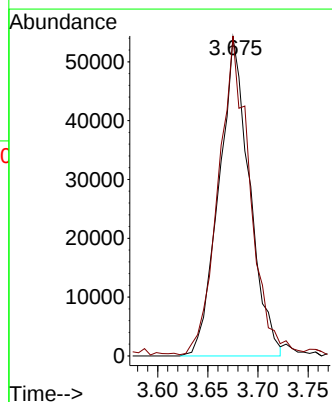
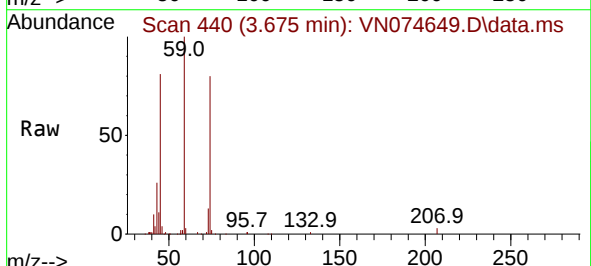
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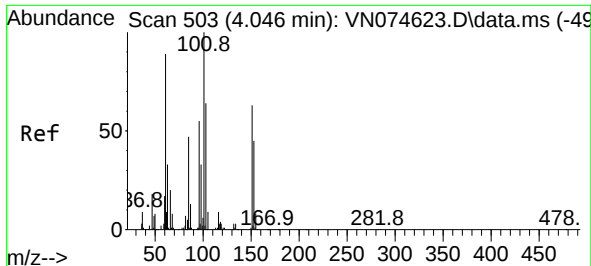
Tgt Ion:101 Resp: 224916
 Ion Ratio Lower Upper
 101 100
 103 60.8 54.8 82.2



#8
 Diethyl Ether
 Concen: 20.666 ug/l
 RT: 3.675 min Scan# 440
 Delta R.T. -0.006 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

Tgt Ion: 74 Resp: 114767
 Ion Ratio Lower Upper
 74 100
 45 104.4 19.0 171.0

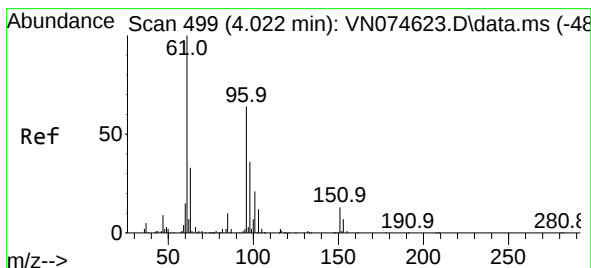
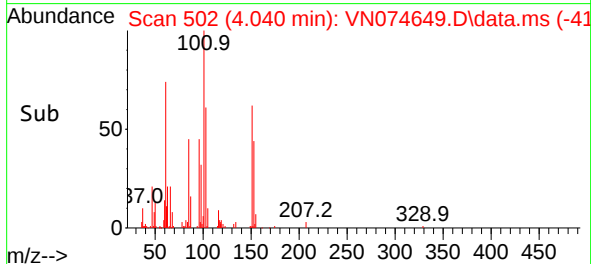
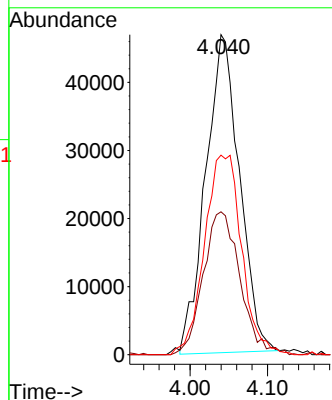
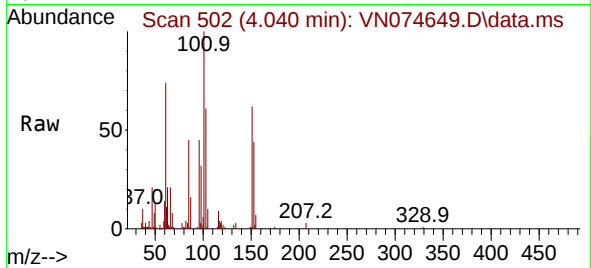




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.011 ug/l
 RT: 4.040 min Scan# 503
 Delta R.T. -0.006 min
 Lab File: VN074649.D
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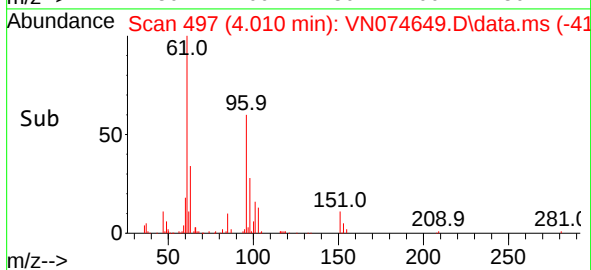
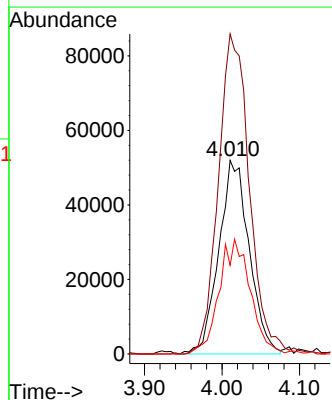
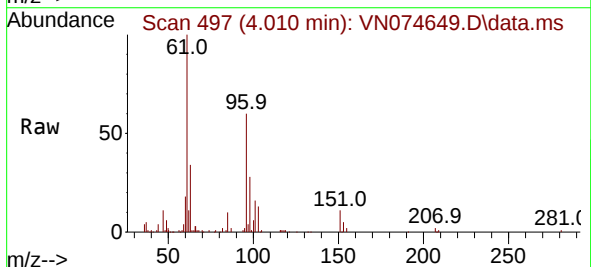
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 ClientSampleId :
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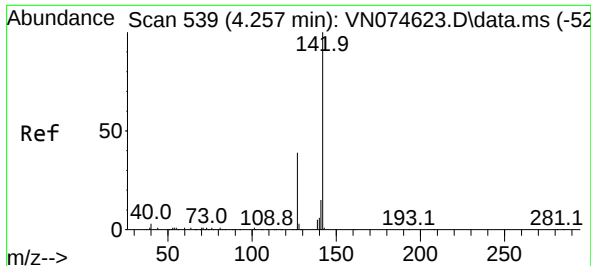
Tgt Ion:101 Resp: 141819
 Ion Ratio Lower Upper
 101 100
 85 48.0 0.0 94.6
 151 41.4 0.0 144.8



#10
 1,1-Dichloroethene
 Concen: 20.400 ug/l
 RT: 4.010 min Scan# 497
 Delta R.T. -0.012 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

Tgt Ion: 96 Resp: 141979
 Ion Ratio Lower Upper
 96 100
 61 165.3 125.5 188.3
 98 45.8 45.0 67.4

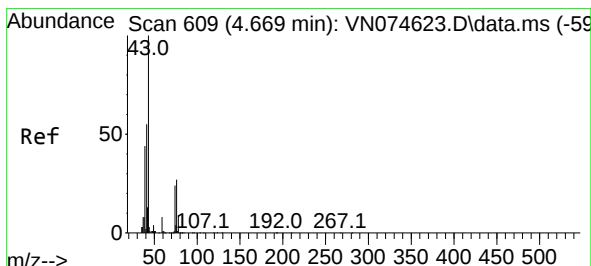
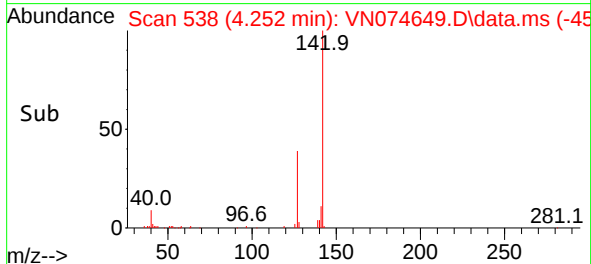
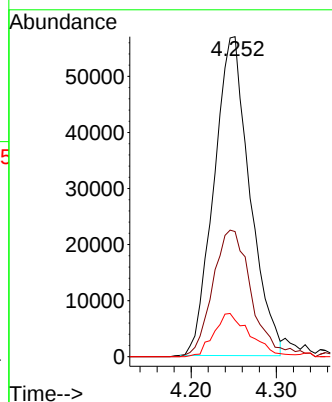
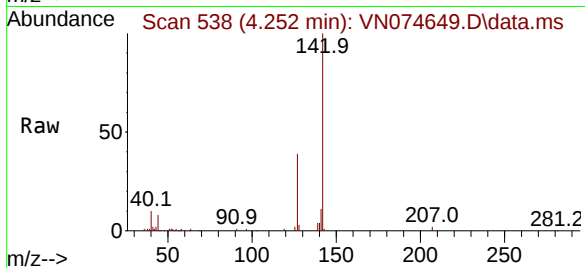




#11
Methyl Iodide
Concen: 18.642 ug/l
RT: 4.252 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

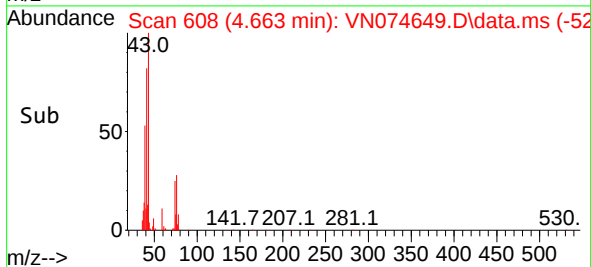
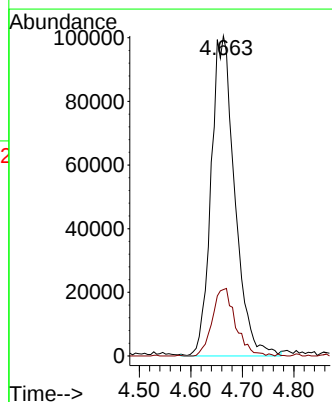
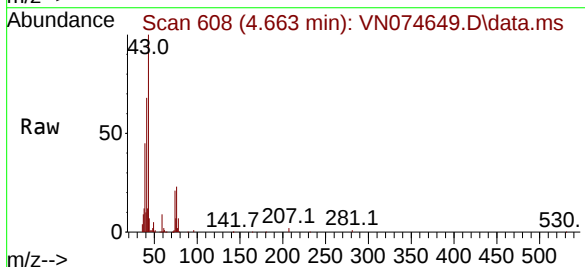
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

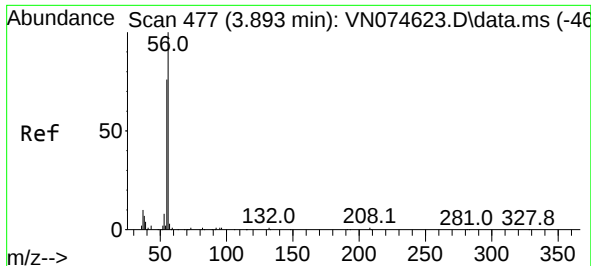
Tgt Ion:142 Resp: 166178
Ion Ratio Lower Upper
142 100
127 38.7 19.3 57.8
141 11.2 7.7 23.1



#12
Methyl Acetate
Concen: 21.540 ug/l m
RT: 4.663 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 43 Resp: 320960
Ion Ratio Lower Upper
43 100
74 20.7 19.0 28.6

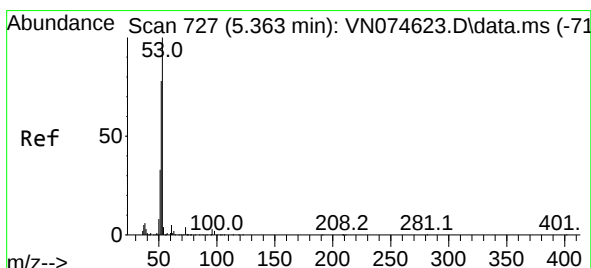
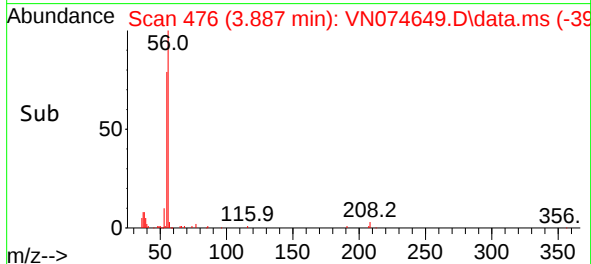
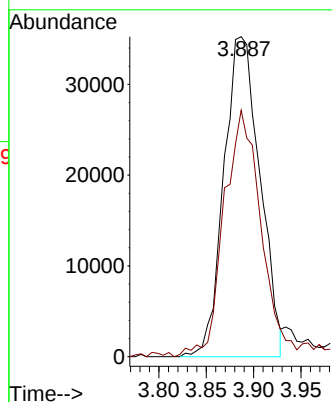
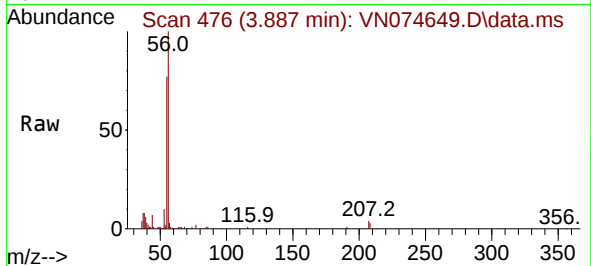




#13
Acrolein
Concen: 77.057 ug/l
RT: 3.887 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

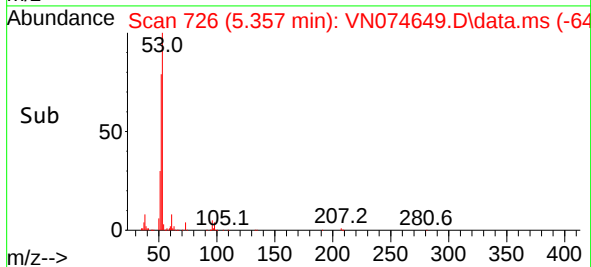
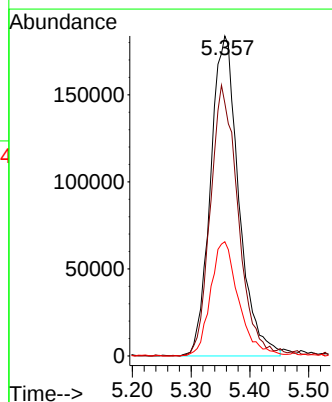
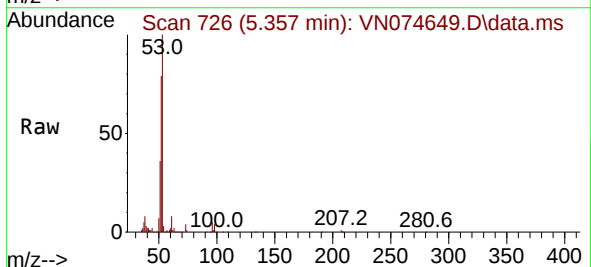
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

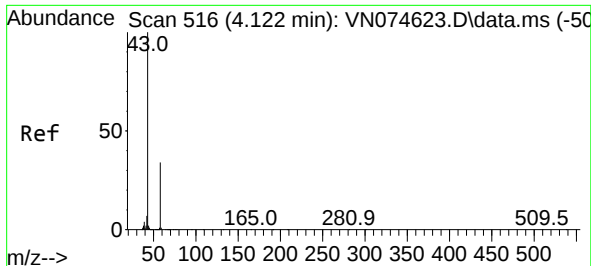
Tgt Ion: 56 Resp: 93455
Ion Ratio Lower Upper
56 100
55 76.0 56.2 84.2



#14
Acrylonitrile
Concen: 101.456 ug/l
RT: 5.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 53 Resp: 612779
Ion Ratio Lower Upper
53 100
52 82.3 40.8 122.4
51 35.5 17.0 51.0

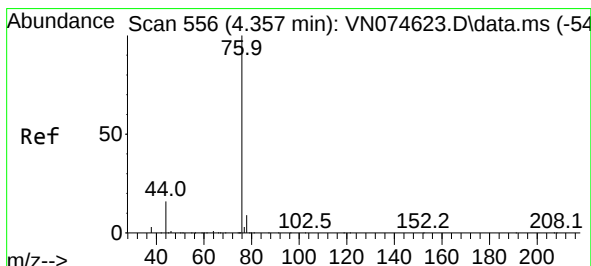
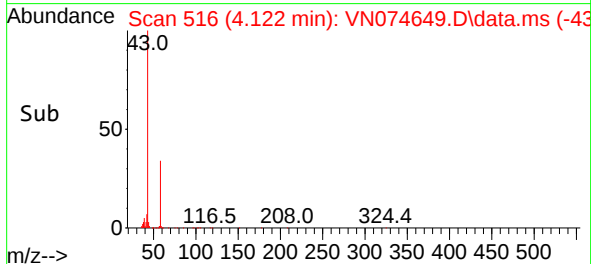
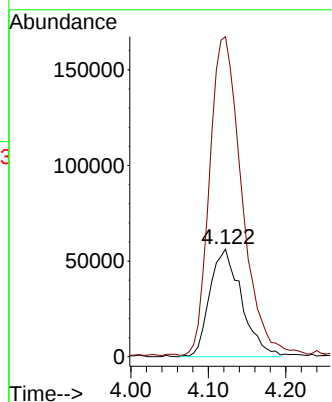
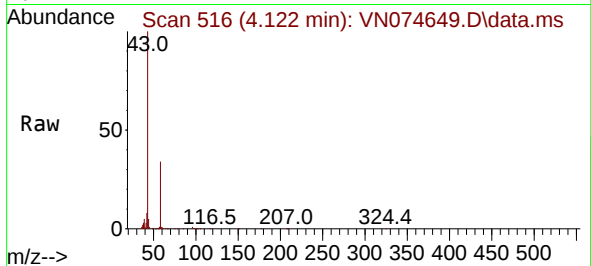




#15
Acetone
Concen: 101.318 ug/l
RT: 4.122 min Scan# 516
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

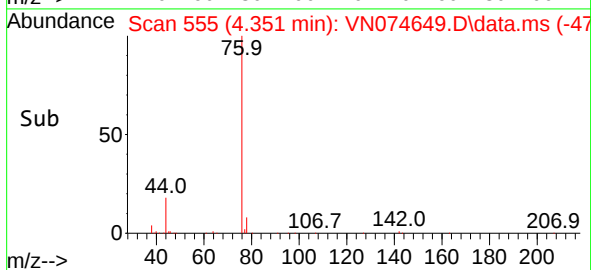
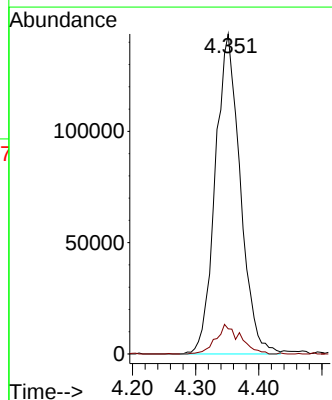
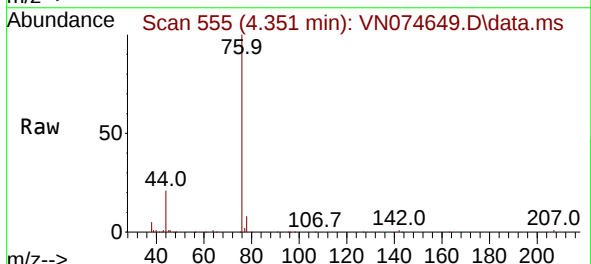
Instrument :
MSVOA_N
ClientSampleId :
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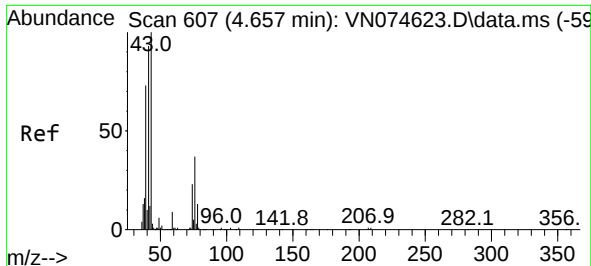
Tgt Ion: 58 Resp: 160726
Ion Ratio Lower Upper
58 100
43 296.2 232.2 348.4



#16
Carbon Disulfide
Concen: 20.167 ug/l
RT: 4.351 min Scan# 555
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 76 Resp: 394461
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8

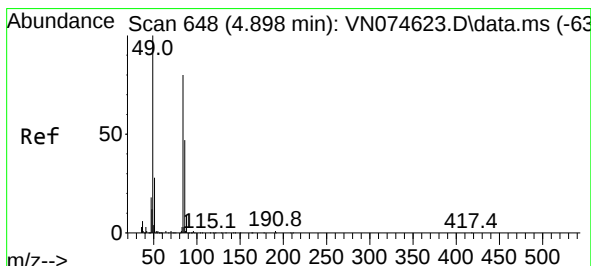
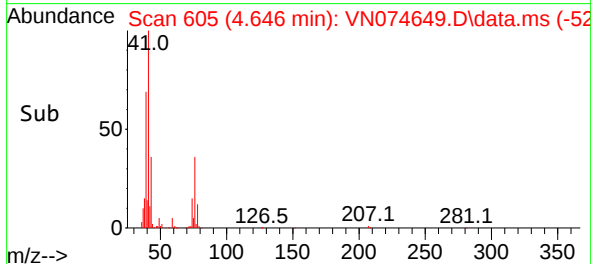
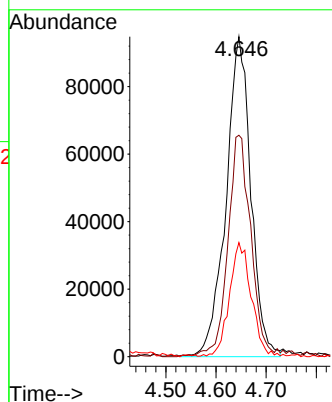
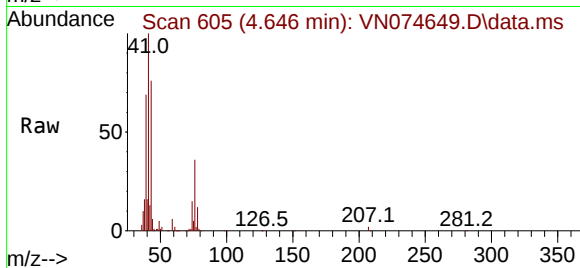




#17
 Allyl chloride
 Concen: 23.015 ug/l
 RT: 4.646 min Scan# 607
 Delta R.T. -0.012 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

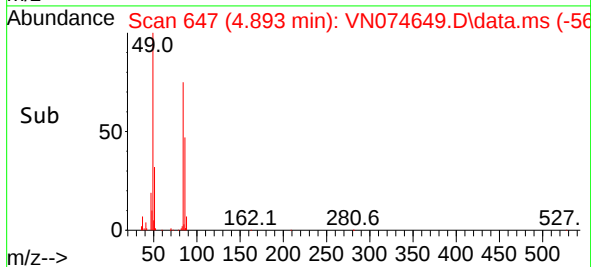
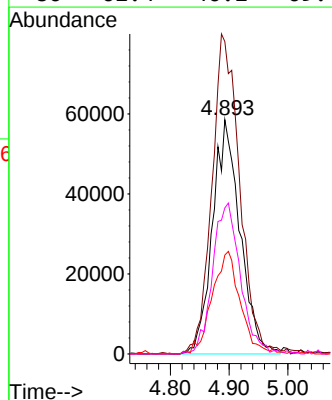
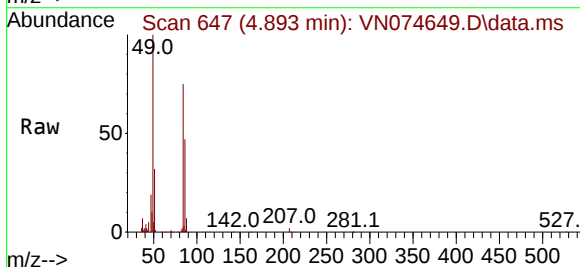
Instrument :
 MSVOA_N
 ClientSampleId :
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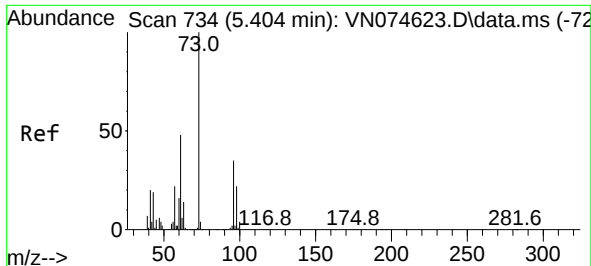
Tgt Ion: 41 Resp: 326633
 Ion Ratio Lower Upper
 41 100
 39 68.9 39.1 117.5
 76 35.7 19.8 59.4



#18
 Methylene Chloride
 Concen: 21.358 ug/l
 RT: 4.893 min Scan# 647
 Delta R.T. -0.006 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

Tgt Ion: 84 Resp: 189500
 Ion Ratio Lower Upper
 84 100
 49 133.3 99.6 149.4
 51 42.2 28.2 42.2
 86 62.4 46.2 69.4

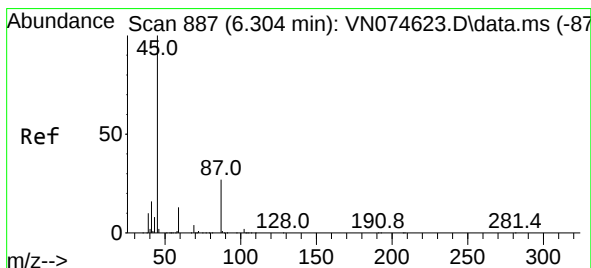
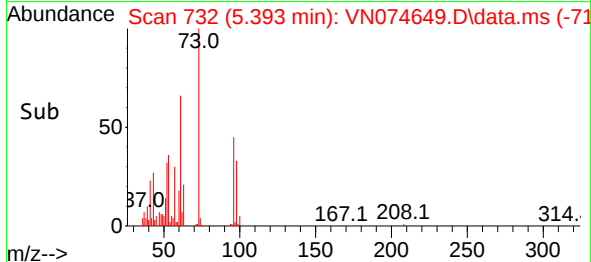
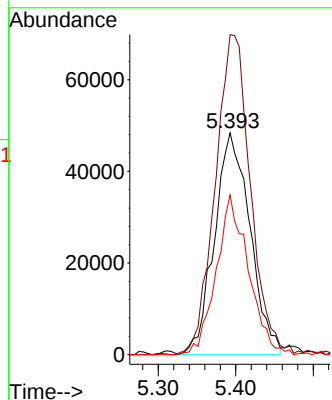
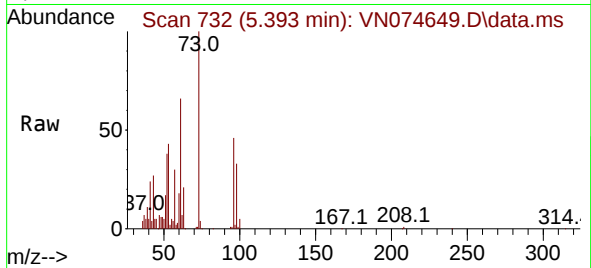




#19
trans-1,2-Dichloroethene
Concen: 19.627 ug/l
RT: 5.393 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

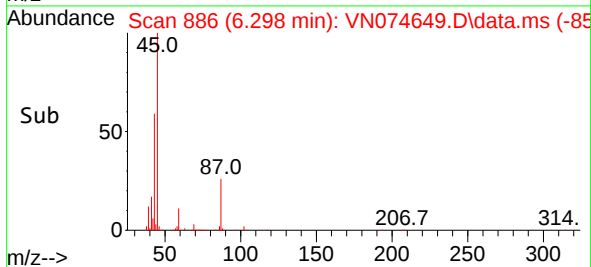
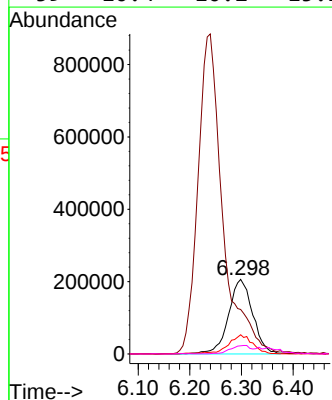
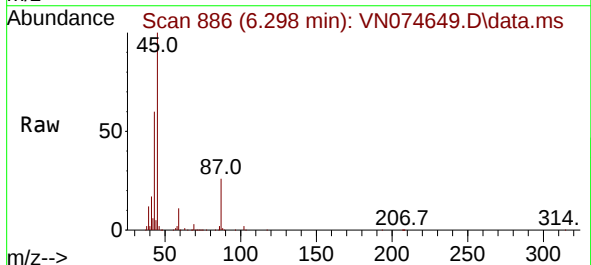
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

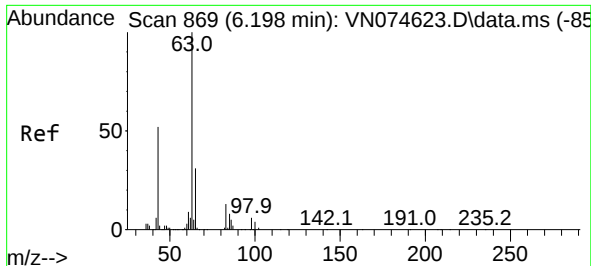
Tgt Ion: 96 Resp: 154381
Ion Ratio Lower Upper
96 100
61 143.4 110.2 165.4
98 71.6 50.0 75.0



#20
Diisopropyl ether
Concen: 21.569 ug/l
RT: 6.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 45 Resp: 669608
Ion Ratio Lower Upper
45 100
43 55.4 47.3 70.9
87 25.6 21.8 32.8
59 10.4 10.2 15.2

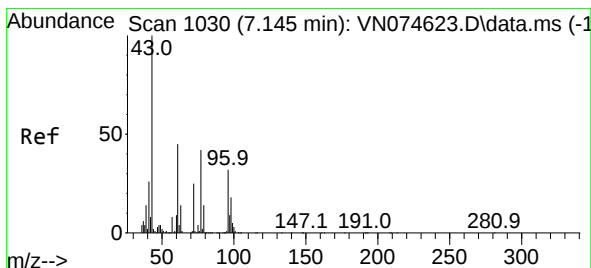
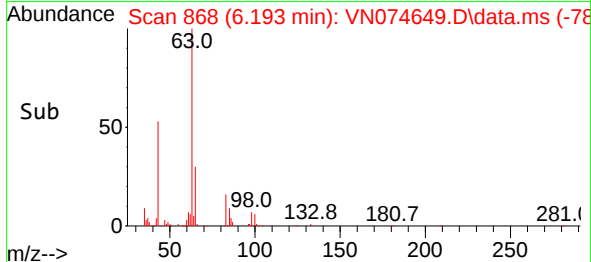
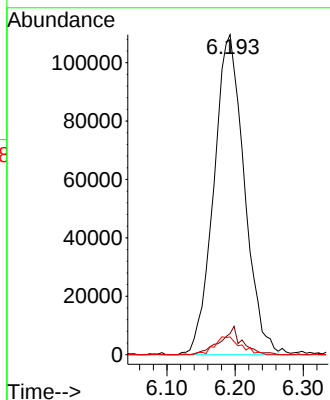
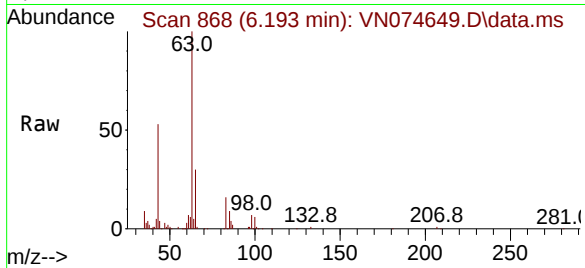




#21
1,1-Dichloroethane
Concen: 21.740 ug/l
RT: 6.193 min Scan# 868
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

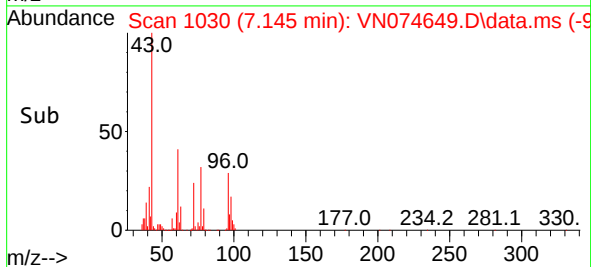
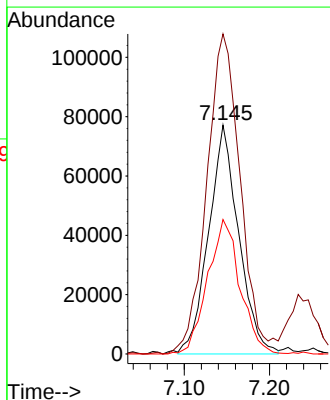
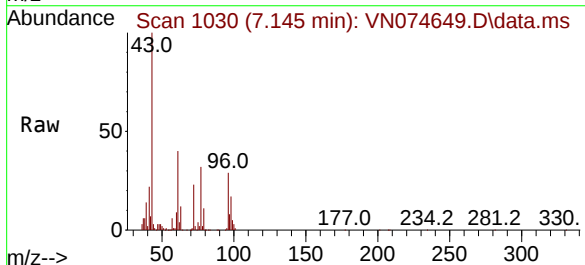
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ClientSampleId :
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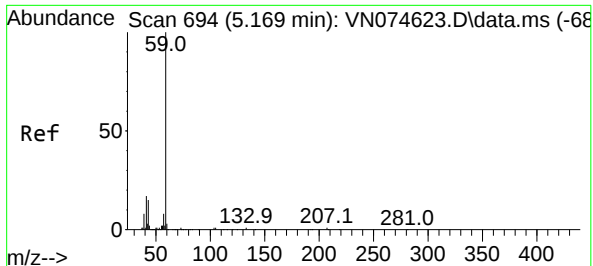
Tgt Ion: 63 Resp: 340841
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.9
100 5.5 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 19.944 ug/l
RT: 7.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 96 Resp: 189270
Ion Ratio Lower Upper
96 100
61 154.3 118.8 178.2
98 63.4 52.1 78.1

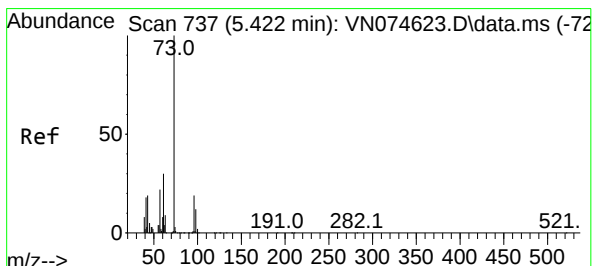
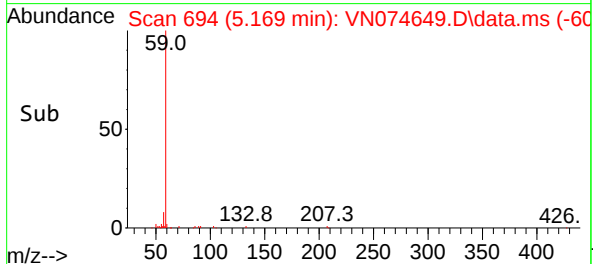
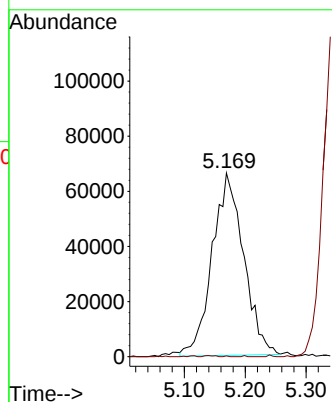
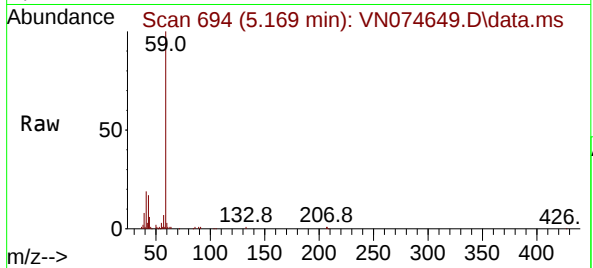




#23
tert-Butyl Alcohol
Concen: 95.381 ug/l
RT: 5.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

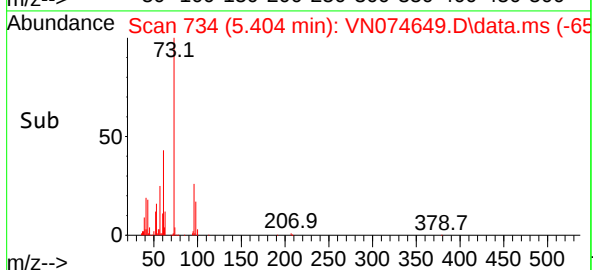
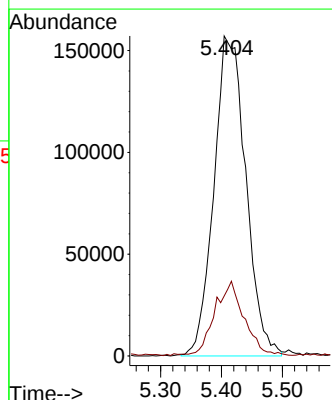
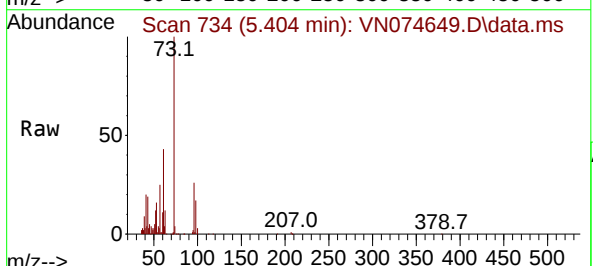
Instrument :
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ClientSampleId :
VSTDCCC020EC

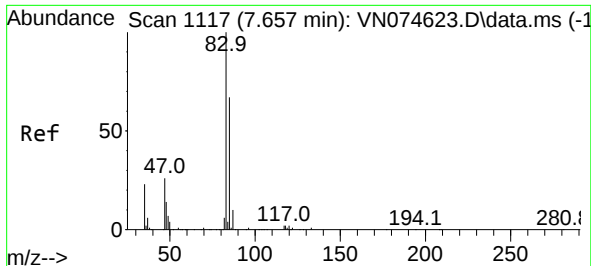
Tgt Ion: 59 Resp: 237212
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 19.827 ug/l m
RT: 5.404 min Scan# 734
Delta R.T. -0.018 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 73 Resp: 571807
Ion Ratio Lower Upper
73 100
43 13.5 15.6 23.4#

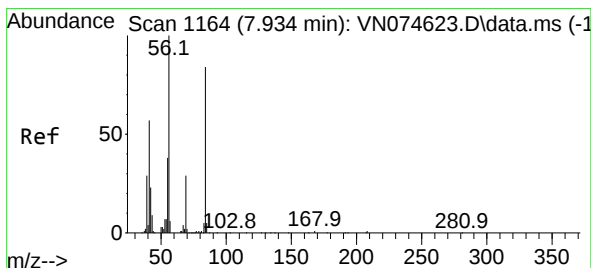
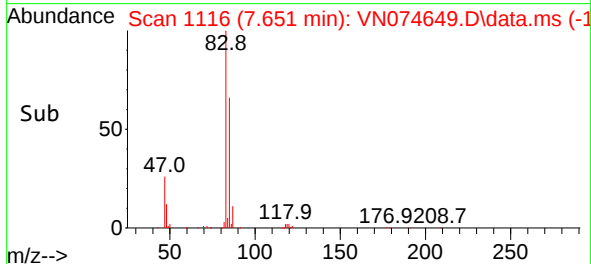
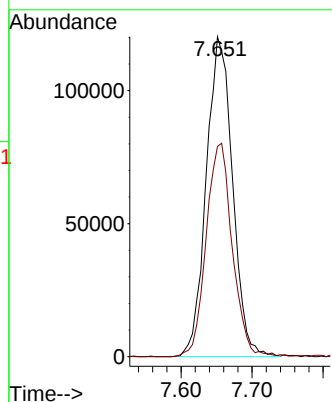
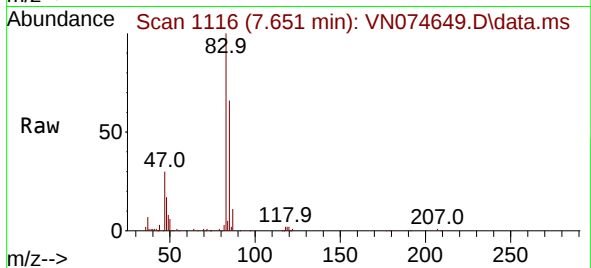




#25
Chloroform
Concen: 19.874 ug/l
RT: 7.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

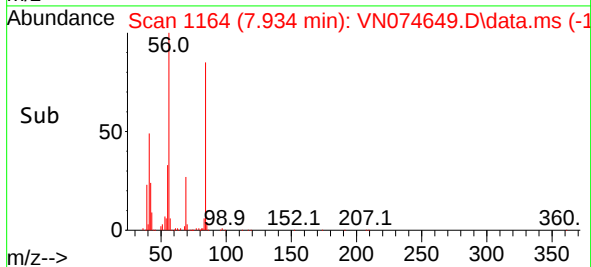
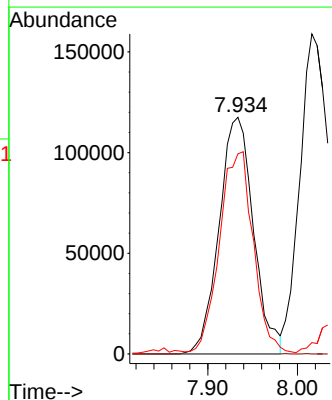
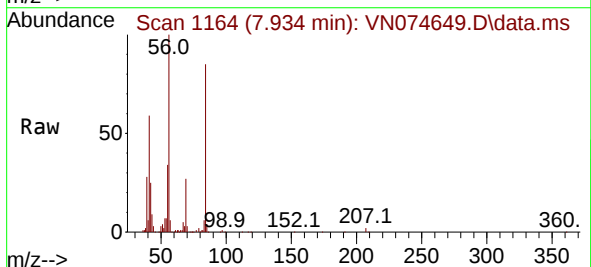
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ClientSampleId :
VSTDCCC020EC

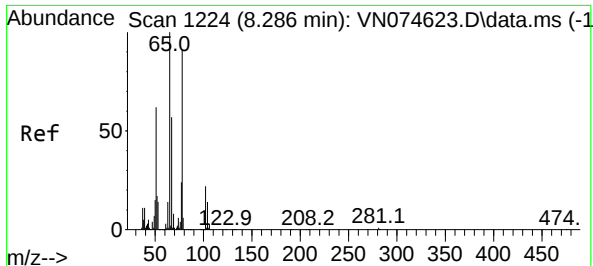
Tgt Ion: 83 Resp: 308890
Ion Ratio Lower Upper
83 100
85 65.3 53.6 80.4



#26
Cyclohexane
Concen: 22.178 ug/l
RT: 7.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 56 Resp: 312674
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.4 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 31.443 ug/l

RT: 8.287 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

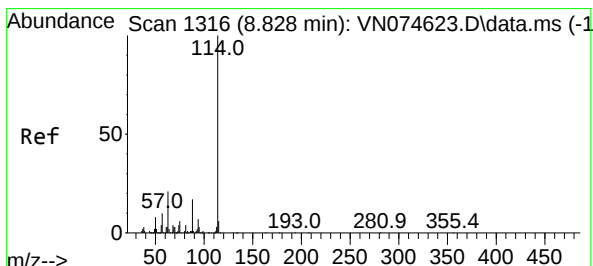
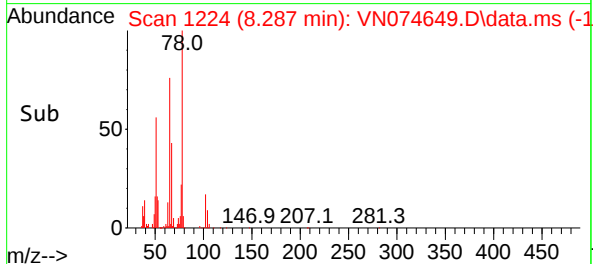
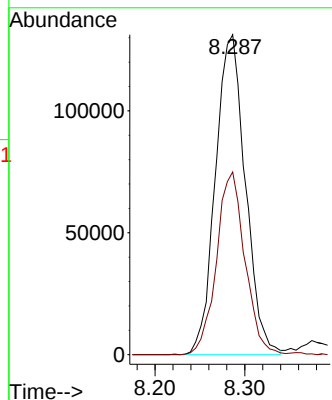
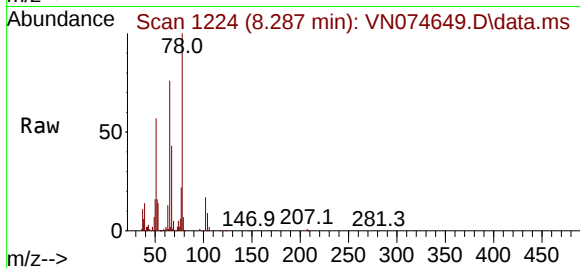
VSTDCCC020EC

Tgt Ion: 65 Resp: 304177

Ion Ratio Lower Upper

65 100

67 54.1 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

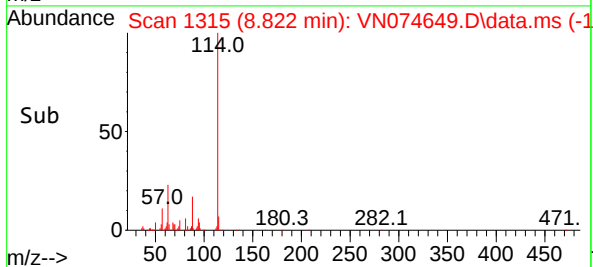
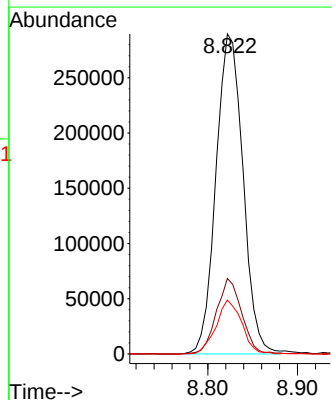
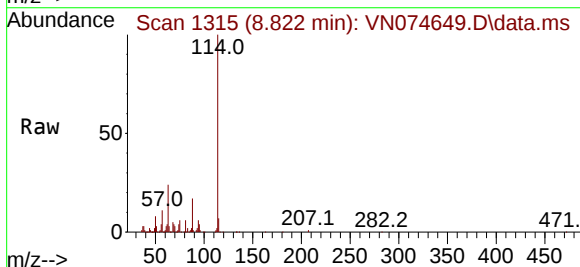
Tgt Ion: 114 Resp: 606143

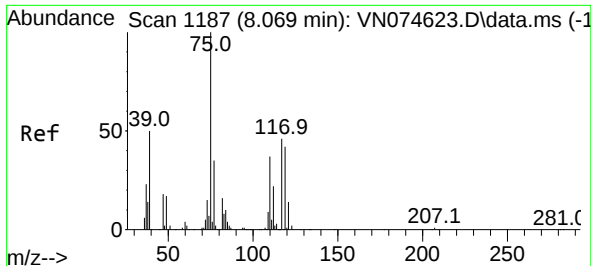
Ion Ratio Lower Upper

114 100

63 22.1 16.6 25.0

88 15.9 12.2 18.4

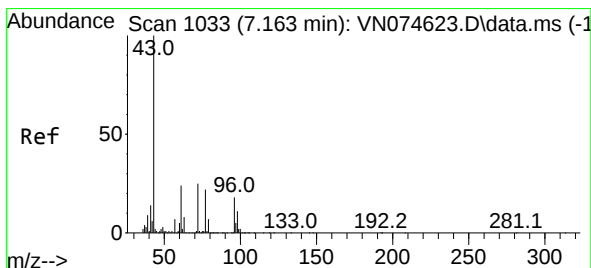
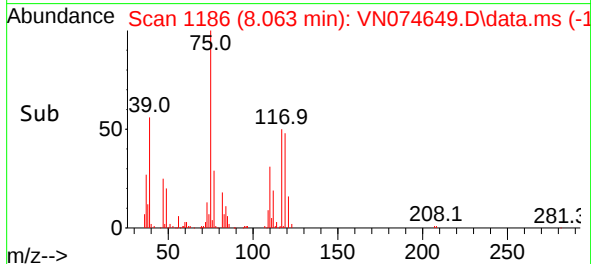
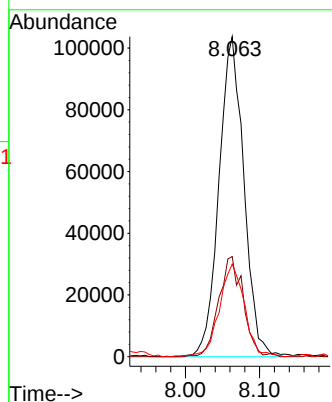
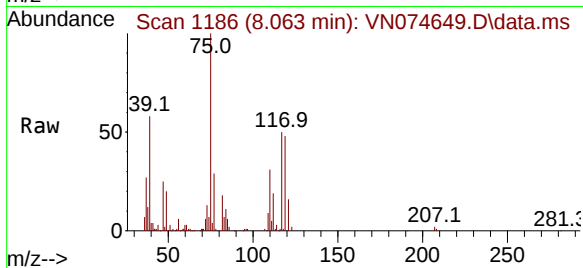




#29
1,1-Dichloropropene
Concen: 21.331 ug/l
RT: 8.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

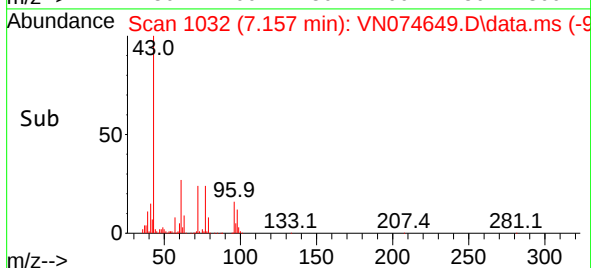
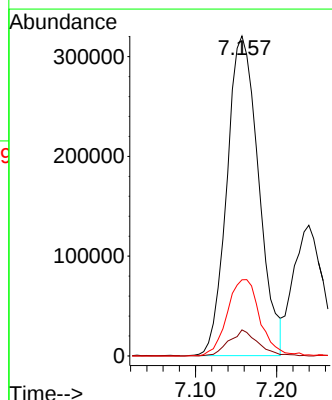
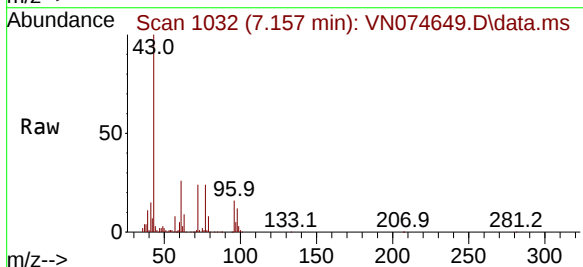
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

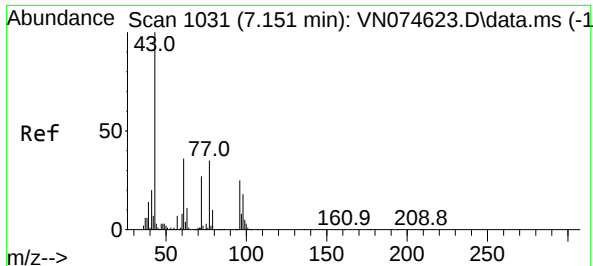
Tgt Ion: 75 Resp: 241508
Ion Ratio Lower Upper
75 100
110 30.4 0.0 72.2
77 28.6 0.0 64.0



#30
2-Butanone
Concen: 100.773 ug/l
RT: 7.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 43 Resp: 870434
Ion Ratio Lower Upper
43 100
57 7.2 6.3 9.5
72 24.5 21.0 31.4





#31

2,2-Dichloropropane

Concen: 20.130 ug/l

RT: 7.140 min Scan# 1150

Delta R.T. -0.012 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

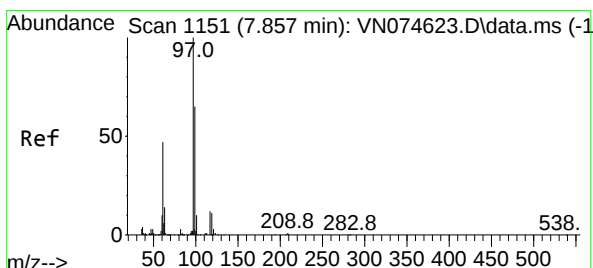
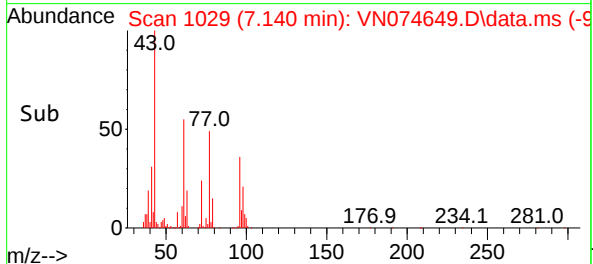
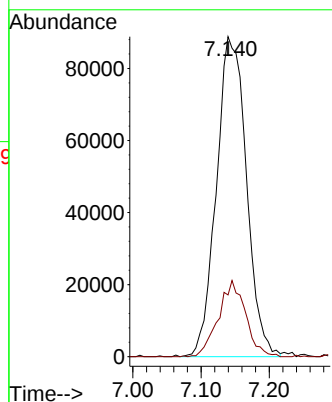
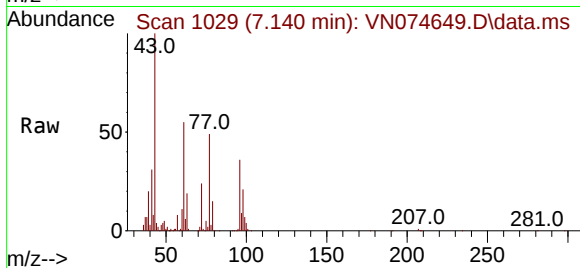
VSTDCCC020EC

Tgt Ion: 77 Resp: 272066

Ion Ratio Lower Upper

77 100

97 21.4 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 19.656 ug/l

RT: 7.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

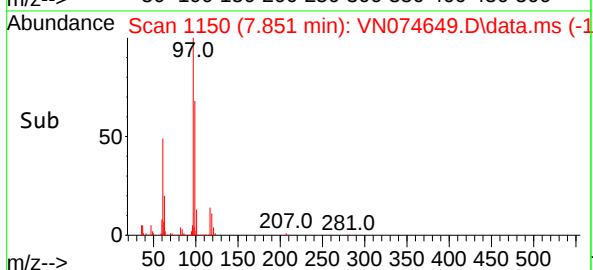
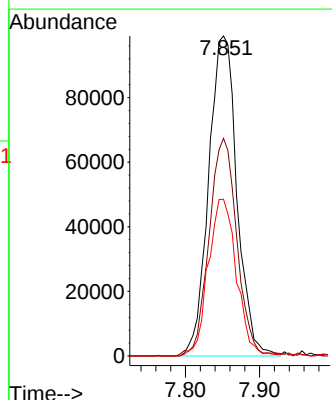
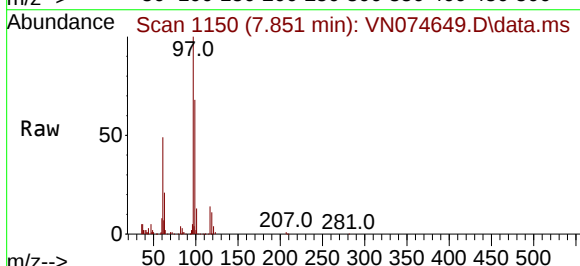
Tgt Ion: 97 Resp: 262881

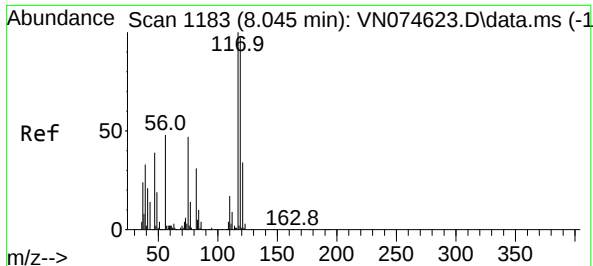
Ion Ratio Lower Upper

97 100

99 66.3 50.0 75.0

61 48.4 36.1 54.1

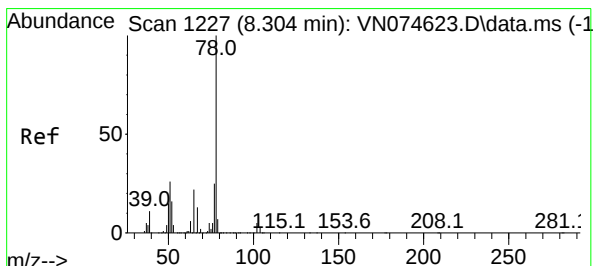
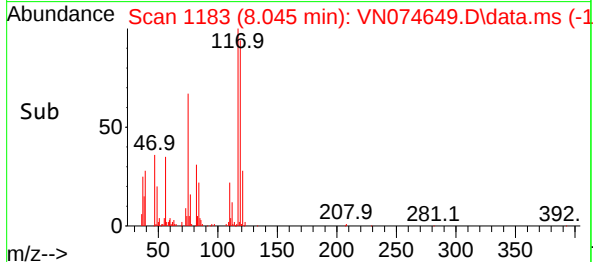
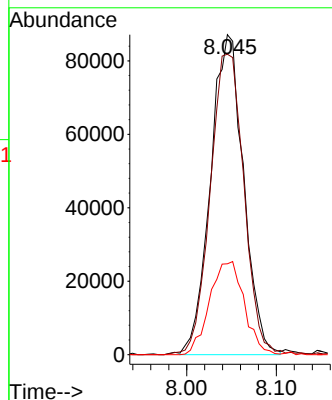
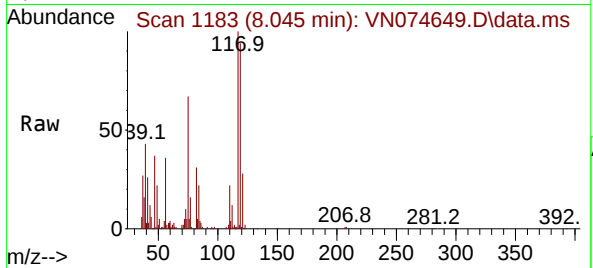




#33
Carbon Tetrachloride
Concen: 19.876 ug/l
RT: 8.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

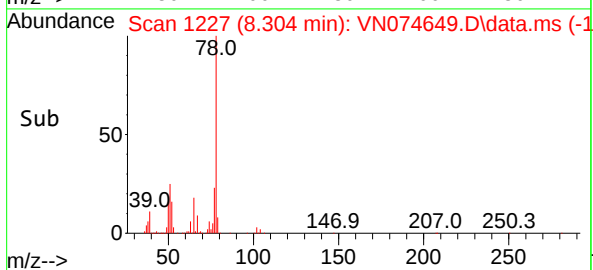
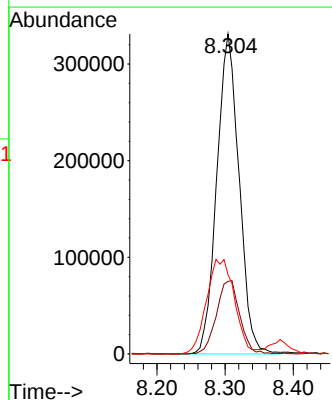
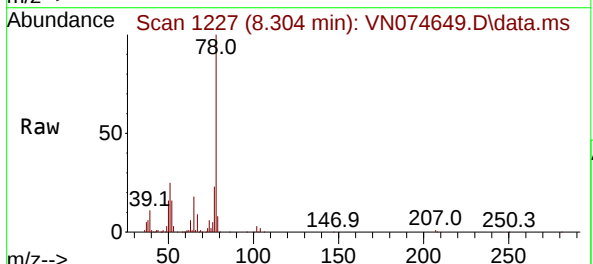
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

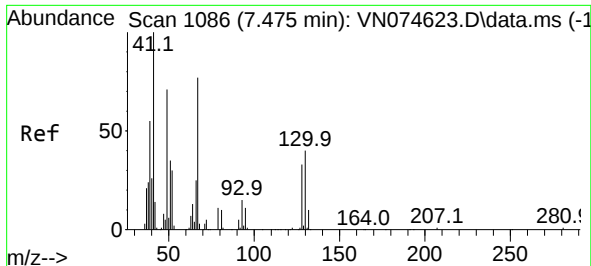
Tgt Ion:117 Resp: 222332
Ion Ratio Lower Upper
117 100
119 93.5 77.8 116.6
121 28.6 27.6 41.4



#34
Benzene
Concen: 20.087 ug/l
RT: 8.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 78 Resp: 752836
Ion Ratio Lower Upper
78 100
77 22.6 19.9 29.9
51 24.8 21.1 31.7





#35

Methacrylonitrile

Concen: 22.382 ug/l

RT: 7.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 183933

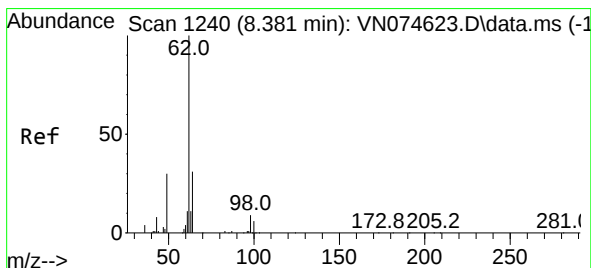
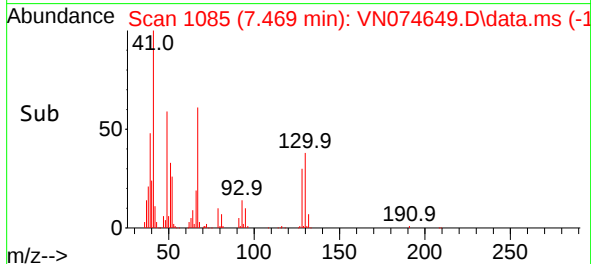
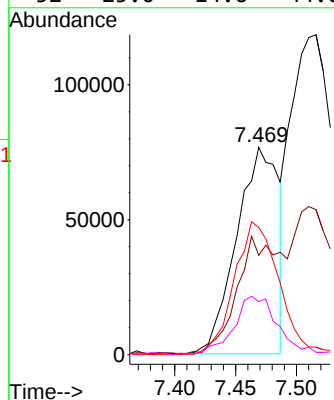
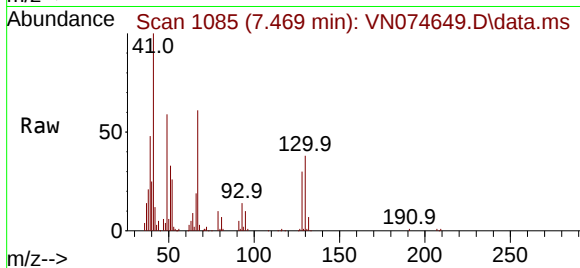
Ion Ratio Lower Upper

41 100

39 47.5 27.7 83.1

67 61.6 38.0 113.9

52 25.0 14.6 44.0



#36

1,2-Dichloroethane

Concen: 20.143 ug/l

RT: 8.375 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VN074649.D

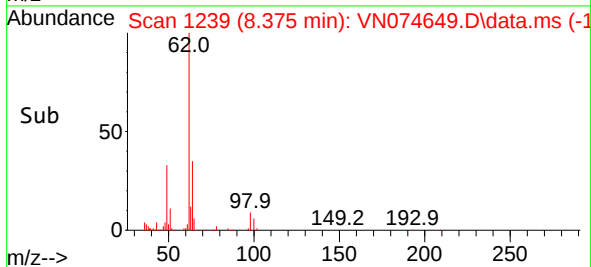
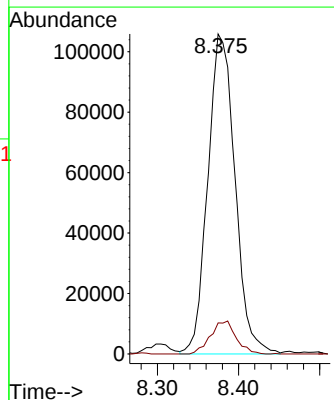
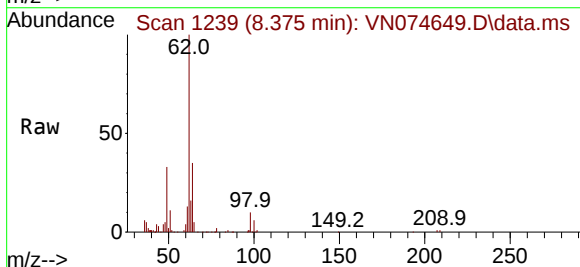
Acq: 28 Sep 2022 16:13

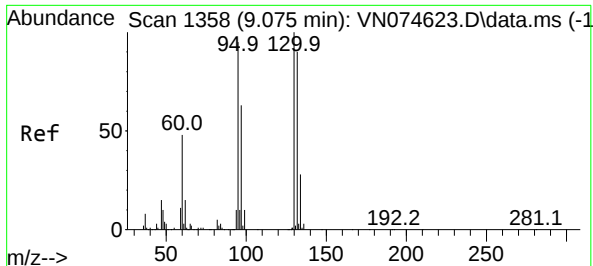
Tgt Ion: 62 Resp: 246522

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.2





#37

Trichloroethene

Concen: 20.546 ug/l

RT: 9.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

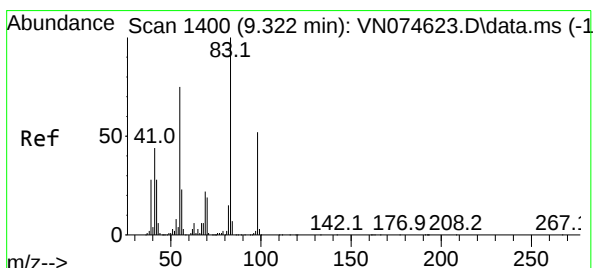
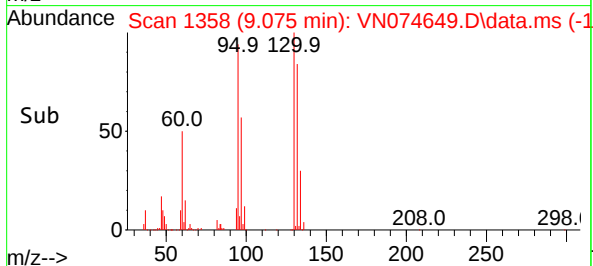
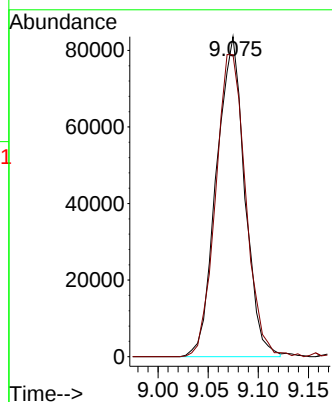
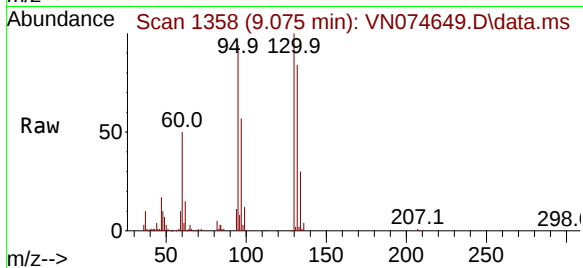
VSTDCCC020EC

Tgt Ion:130 Resp: 163511

Ion Ratio Lower Upper

130 100

95 94.4 75.9 113.9



#38

Methylcyclohexane

Concen: 20.446 ug/l

RT: 9.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

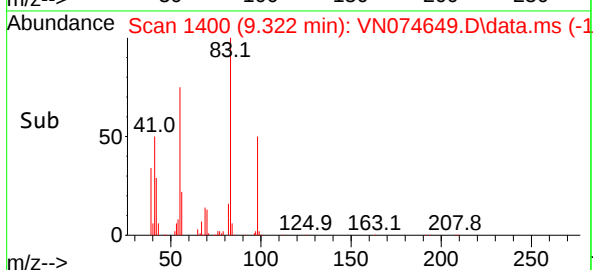
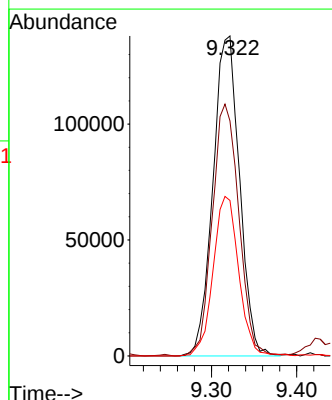
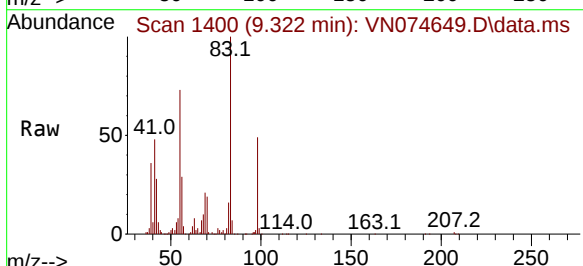
Tgt Ion: 83 Resp: 299596

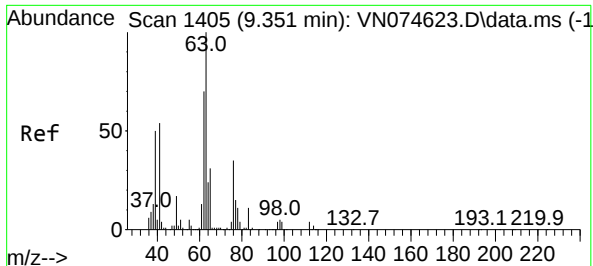
Ion Ratio Lower Upper

83 100

55 78.6 37.4 112.2

98 48.1 24.5 73.5





#39

1,2-Dichloropropane

Concen: 21.086 ug/l

RT: 9.351 min Scan# 1405

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

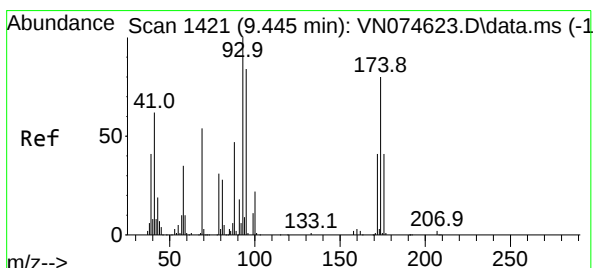
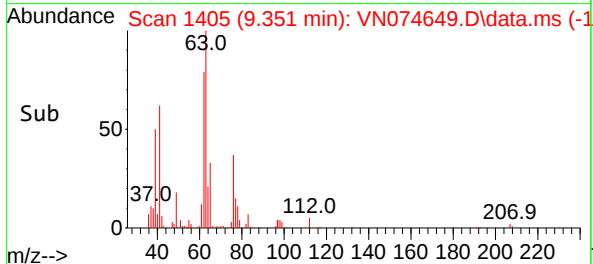
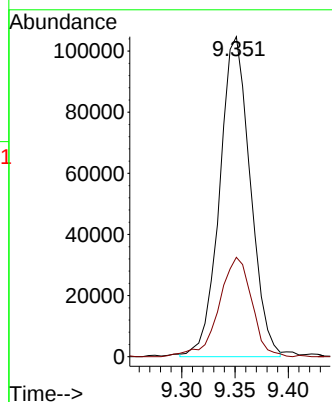
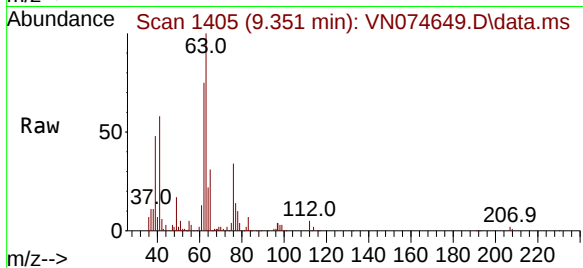
VSTDCCC020EC

Tgt Ion: 63 Resp: 209245

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.6



#40

Dibromomethane

Concen: 19.195 ug/l

RT: 9.439 min Scan# 1420

Delta R.T. -0.006 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

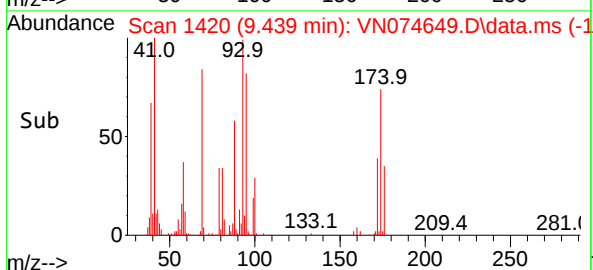
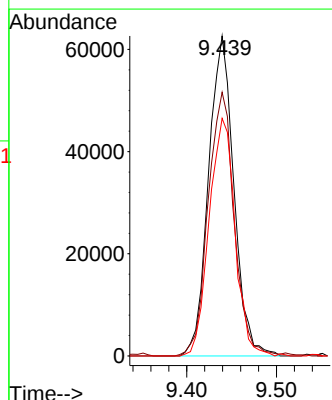
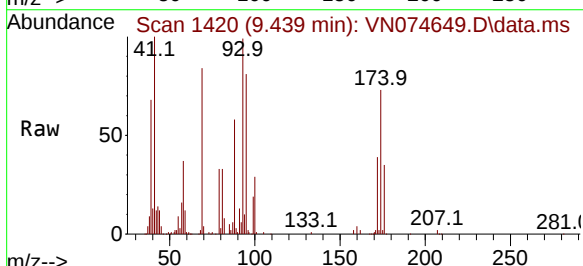
Tgt Ion: 93 Resp: 122900

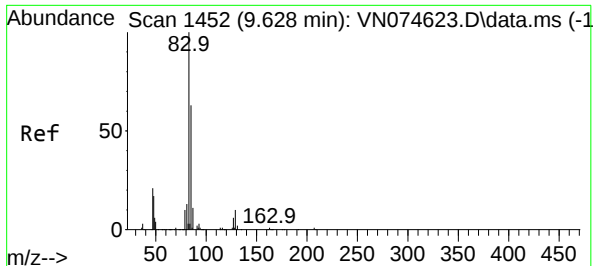
Ion Ratio Lower Upper

93 100

95 84.8 0.0 168.0

174 75.7 0.0 158.4

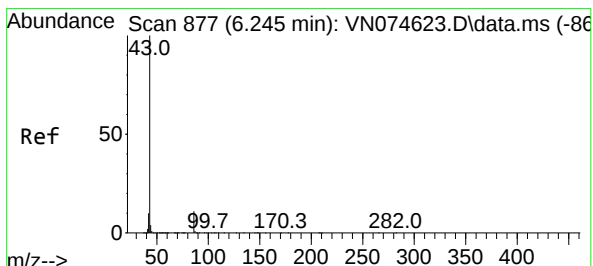
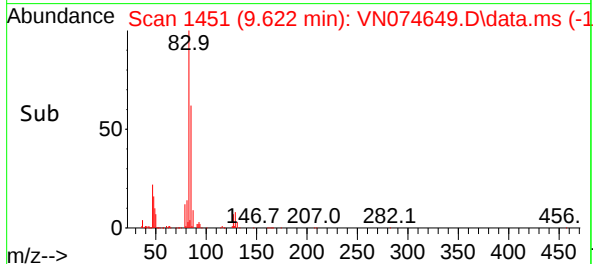
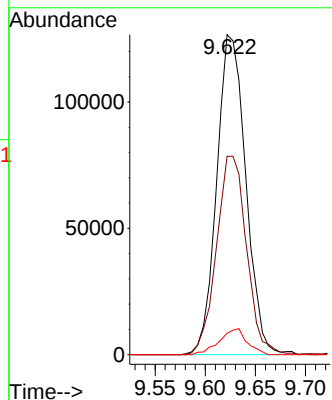
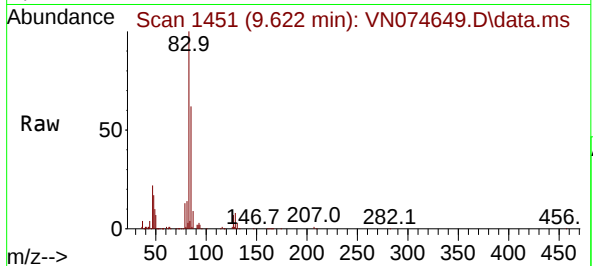




#41
Bromodichloromethane
Concen: 19.996 ug/l
RT: 9.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

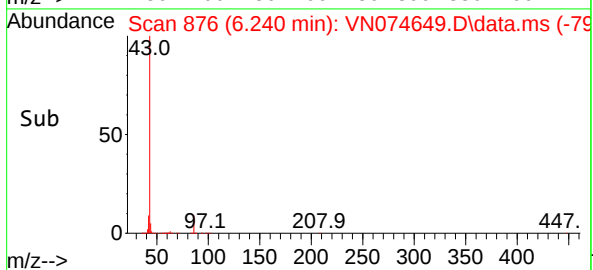
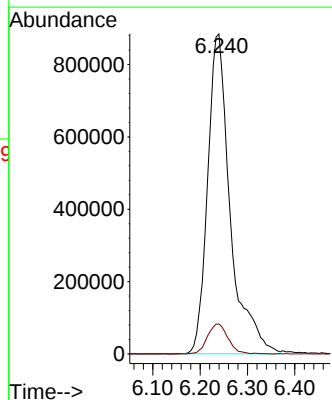
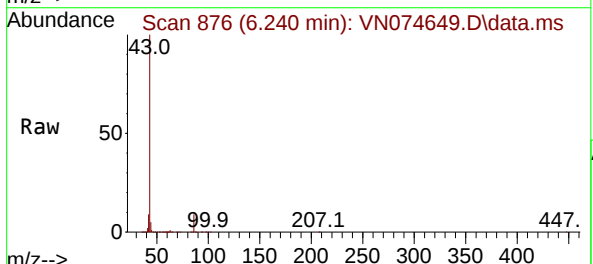
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

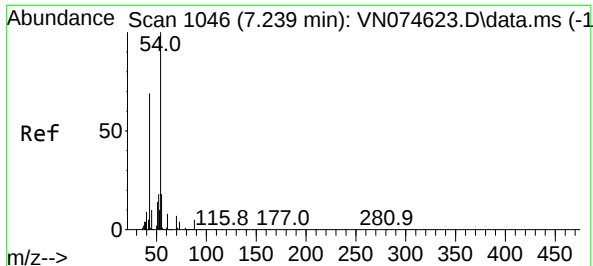
Tgt Ion: 83 Resp: 254498
Ion Ratio Lower Upper
83 100
85 62.0 50.2 75.4
127 6.7 5.1 7.7



#42
Vinyl Acetate
Concen: 104.570 ug/l
RT: 6.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 43 Resp: 2936055
Ion Ratio Lower Upper
43 100
86 8.5 7.5 11.3





#43

Ethyl Acetate

Concen: 20.484 ug/l

RT: 7.240 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

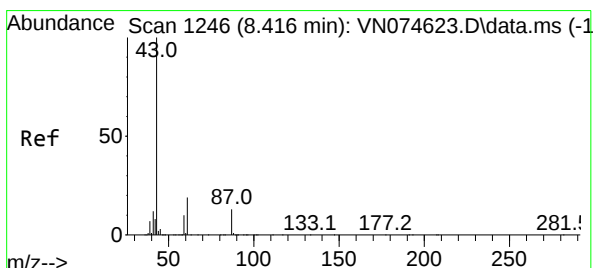
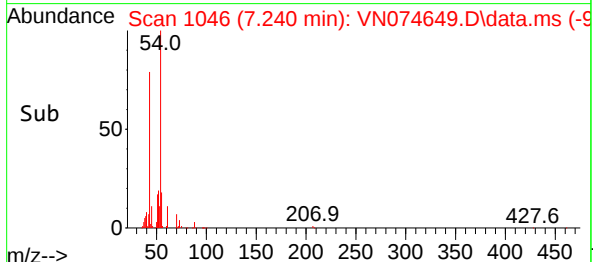
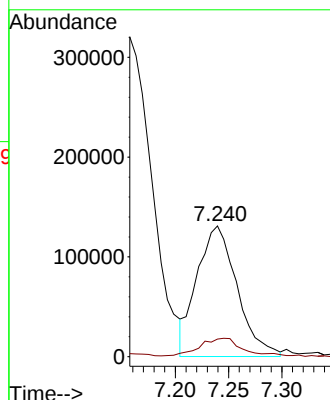
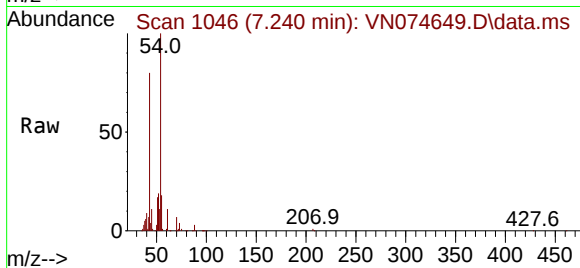
VSTDCCC020EC

Tgt Ion: 43 Resp: 342684

Ion Ratio Lower Upper

43 100

45 13.2 11.5 17.3



#44

Isopropyl Acetate

Concen: 20.835 ug/l

RT: 8.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: VN074649.D

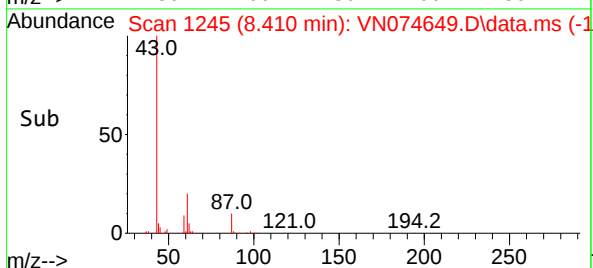
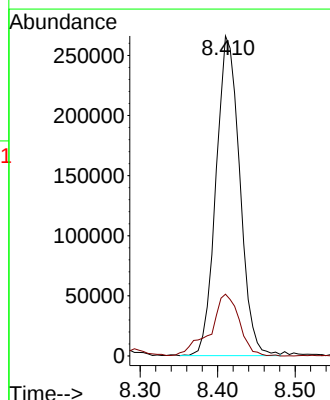
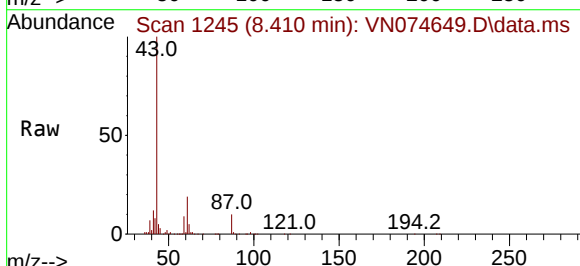
Acq: 28 Sep 2022 16:13

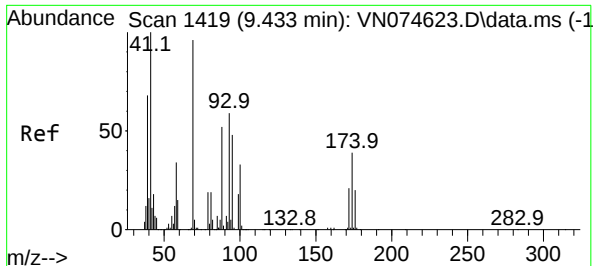
Tgt Ion: 43 Resp: 566007

Ion Ratio Lower Upper

43 100

61 23.6 19.5 29.3





#45

1,4-Dioxane

Concen: 382.637 ug/l

RT: 9.434 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

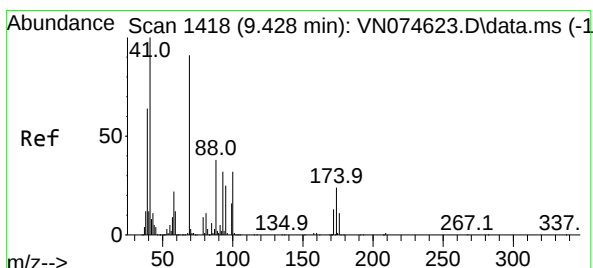
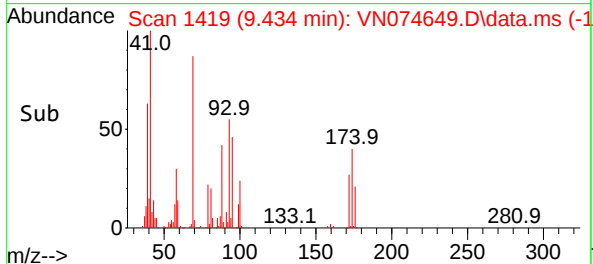
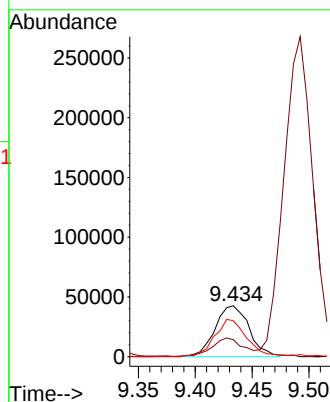
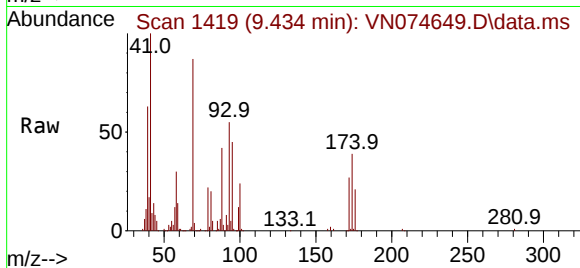
Tgt Ion: 88 Resp: 88706

Ion Ratio Lower Upper

88 100

43 31.9 25.7 38.5

58 69.3 53.4 80.2



#46

Methyl methacrylate

Concen: 21.354 ug/l

RT: 9.428 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

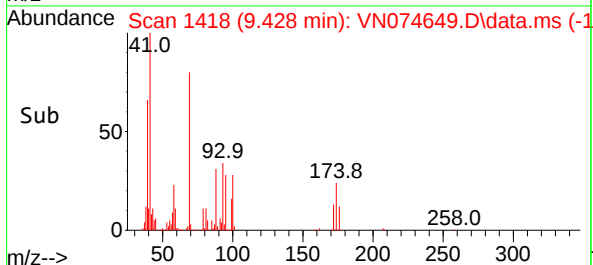
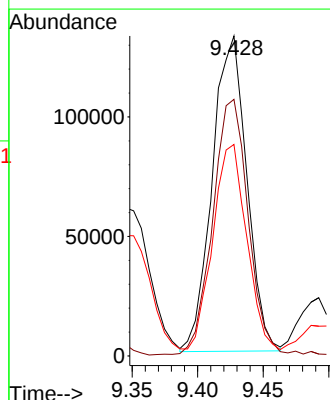
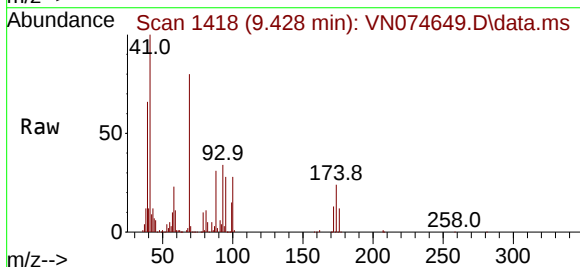
Tgt Ion: 41 Resp: 241620

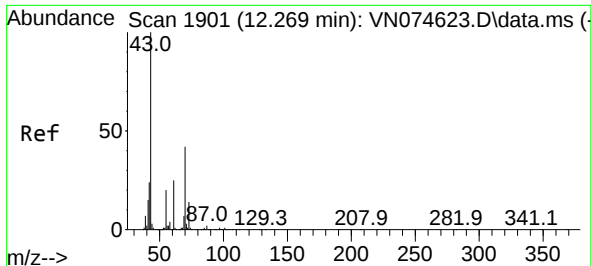
Ion Ratio Lower Upper

41 100

69 81.3 45.6 136.7

39 65.6 32.3 96.9

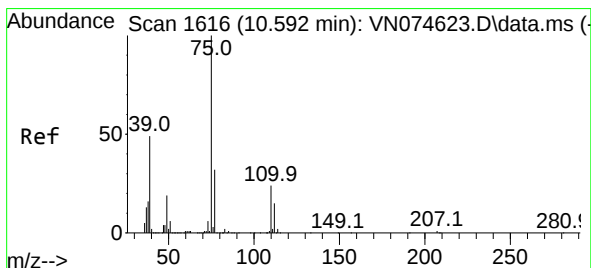
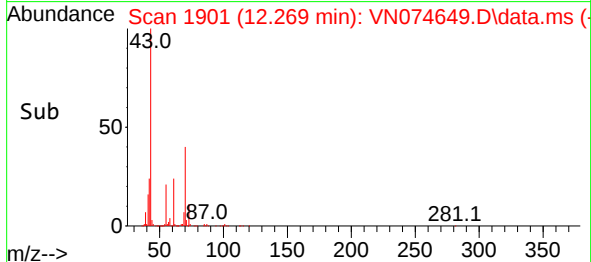
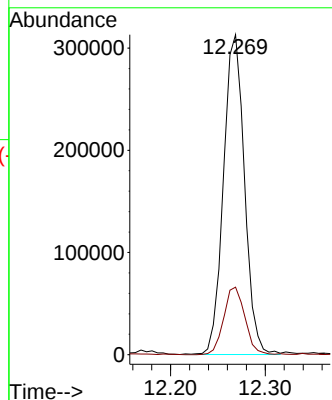
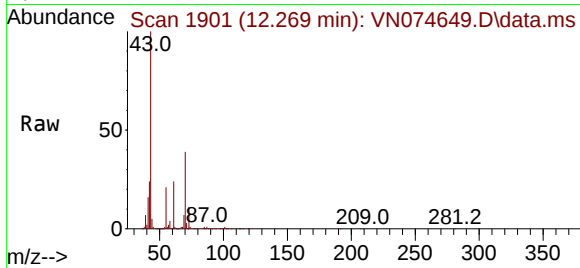




#47
n-amy1 Acetate
Concen: 19.412 ug/l
RT: 12.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

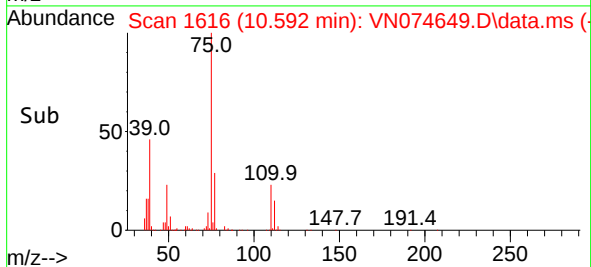
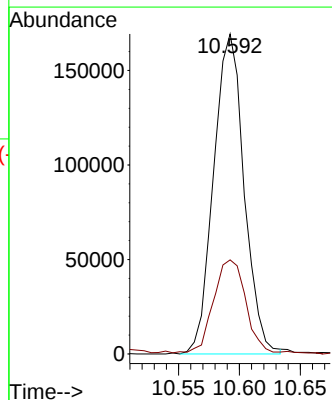
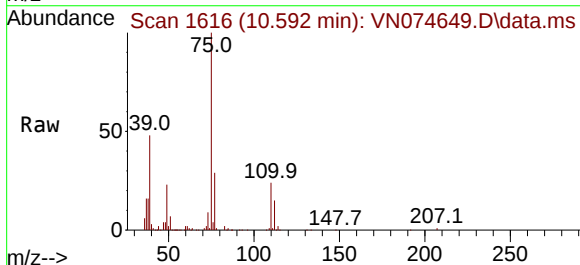
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

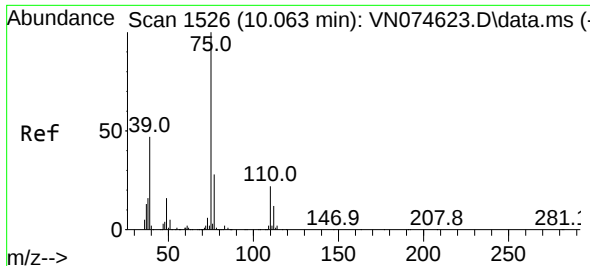
Tgt Ion: 43 Resp: 482674
Ion Ratio Lower Upper
43 100
55 21.3 16.8 25.2



#48
t-1,3-Dichloropropene
Concen: 19.110 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 75 Resp: 295271
Ion Ratio Lower Upper
75 100
77 28.8 25.8 38.8

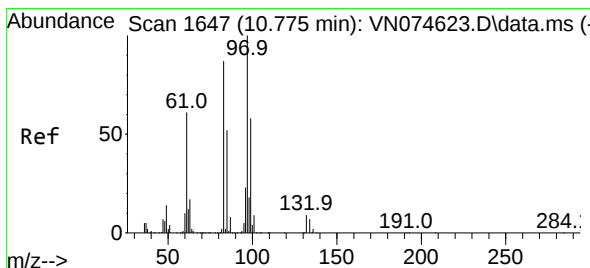
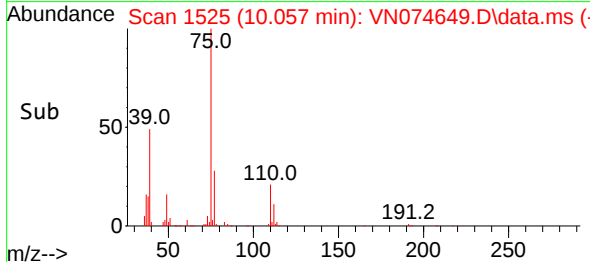
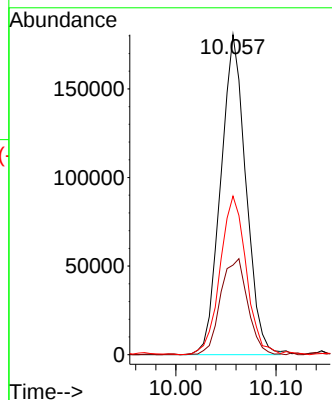
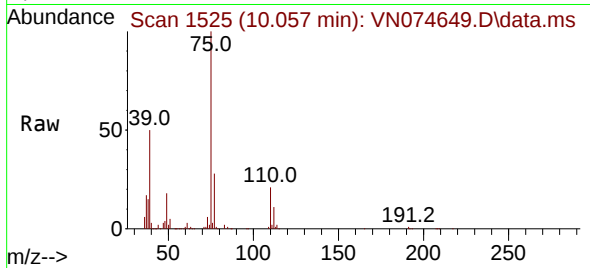




#49
 cis-1,3-Dichloropropene
 Concen: 19.578 ug/l
 RT: 10.057 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

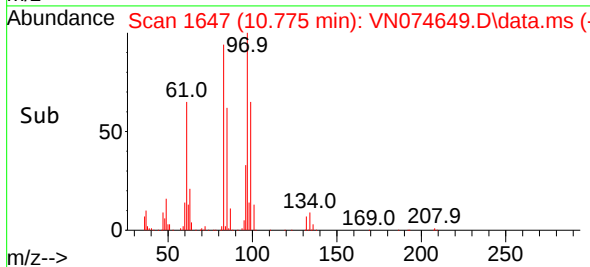
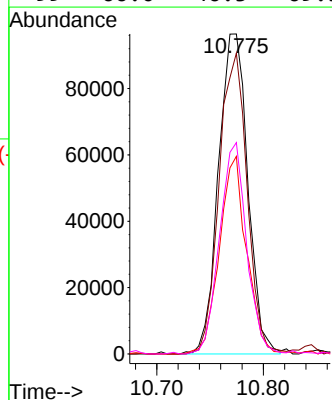
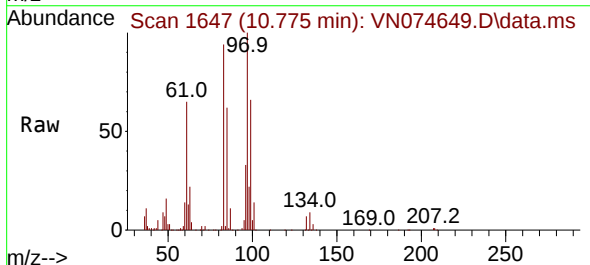
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

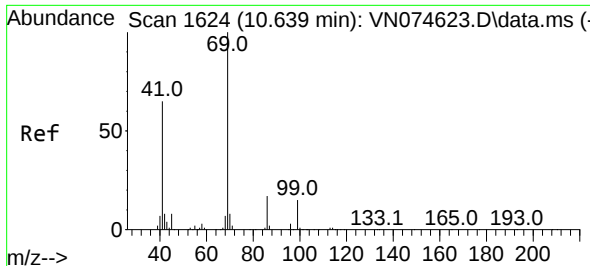
Tgt Ion: 75 Resp: 314788
 Ion Ratio Lower Upper
 75 100
 77 28.0 22.5 33.7
 39 49.6 37.6 56.4



#50
 1,1,2-Trichloroethane
 Concen: 19.821 ug/l
 RT: 10.775 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

Tgt Ion: 97 Resp: 184509
 Ion Ratio Lower Upper
 97 100
 83 94.0 69.2 103.8
 85 61.7 41.4 62.2
 99 66.0 46.3 69.5

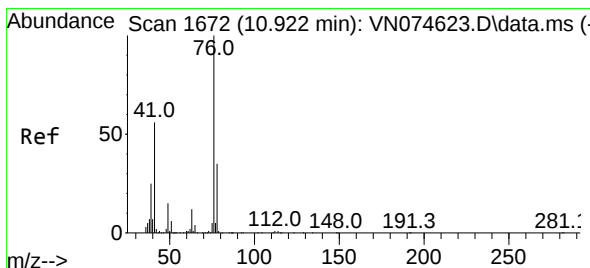
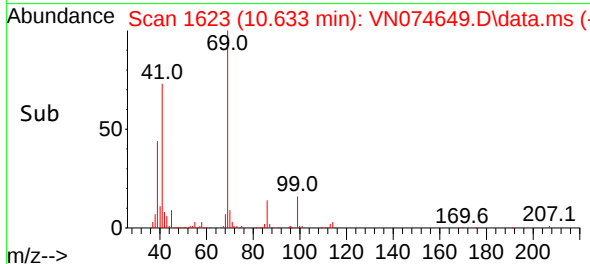
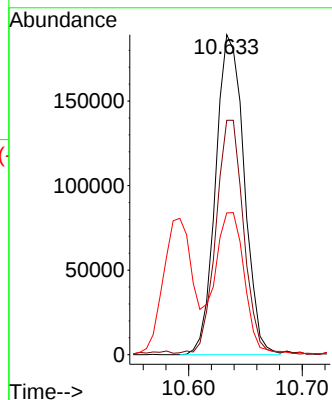
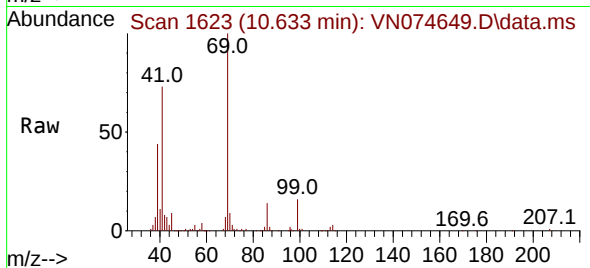




#51
Ethyl methacrylate
Concen: 18.893 ug/l
RT: 10.633 min Scan# 1623
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

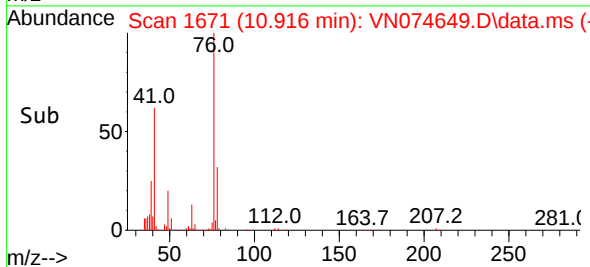
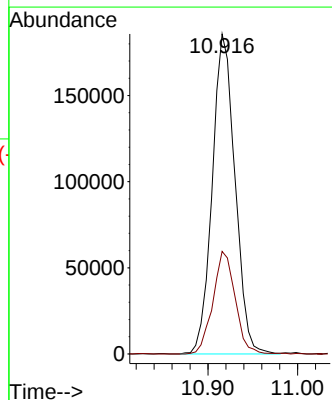
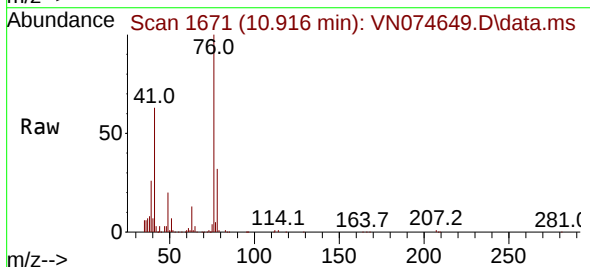
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

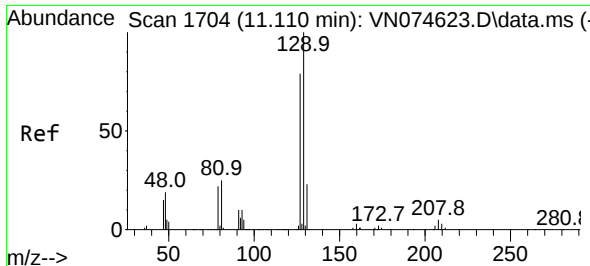
Tgt Ion: 69 Resp: 329765
Ion Ratio Lower Upper
69 100
41 72.7 32.5 97.5
39 43.2 21.5 64.5



#52
1,3-Dichloropropane
Concen: 19.819 ug/l
RT: 10.916 min Scan# 1671
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 76 Resp: 326999
Ion Ratio Lower Upper
76 100
78 31.3 0.0 63.8

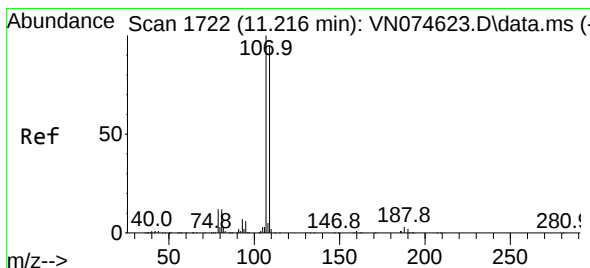
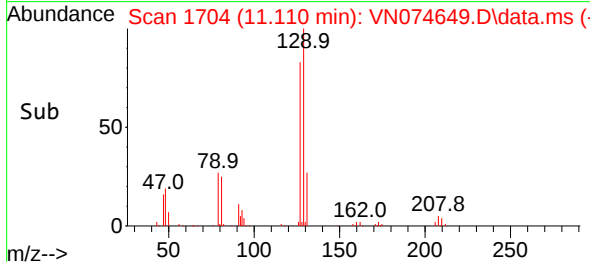
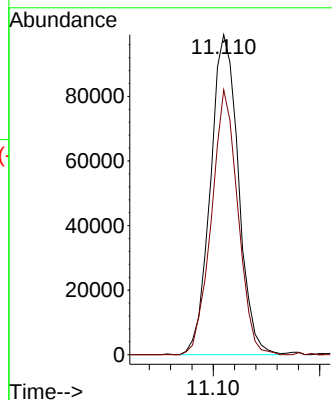
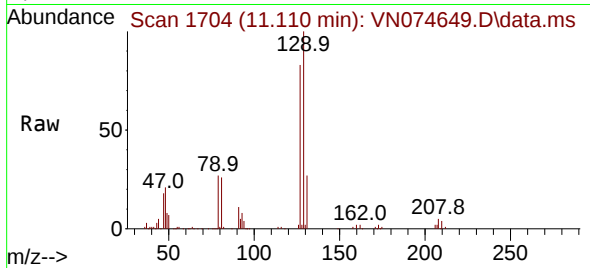




#53
Dibromochloromethane
Concen: 18.352 ug/l
RT: 11.110 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

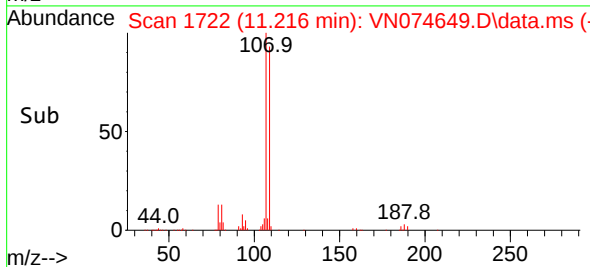
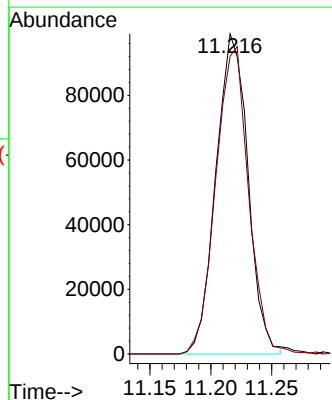
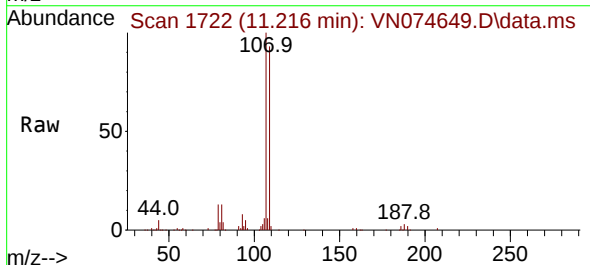
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

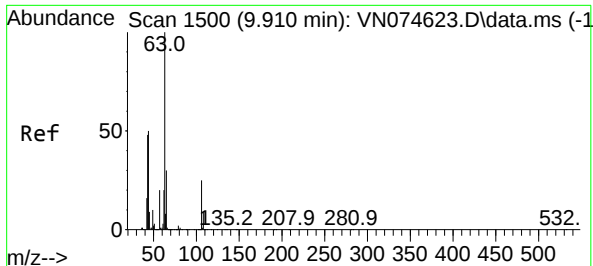
Tgt Ion:129 Resp: 180550
Ion Ratio Lower Upper
129 100
127 78.2 40.6 121.7



#54
1,2-Dibromoethane
Concen: 18.811 ug/l
RT: 11.216 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion:107 Resp: 181153
Ion Ratio Lower Upper
107 100
109 97.5 76.2 114.2

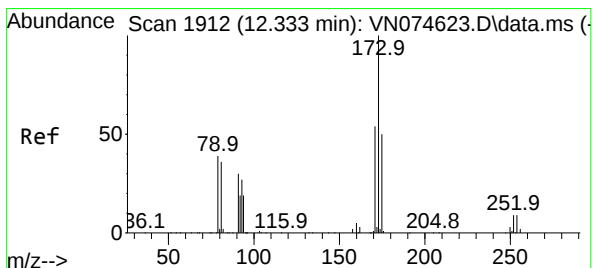
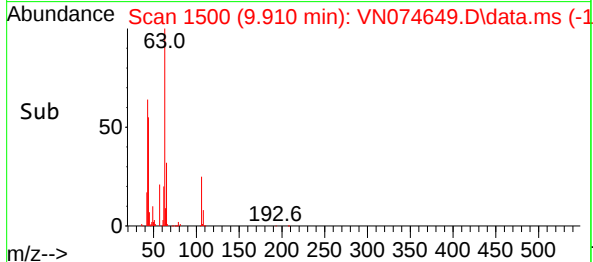
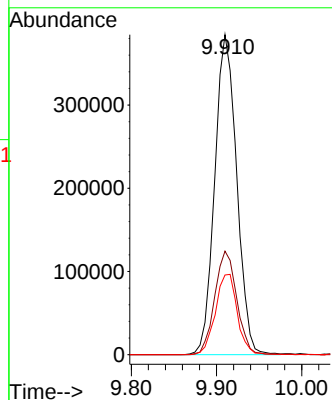
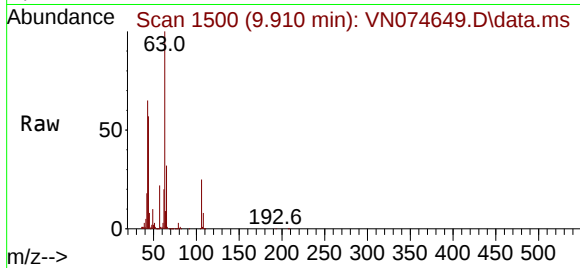




#55
2-Chloroethyl vinyl ether
Concen: 101.886 ug/l
RT: 9.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

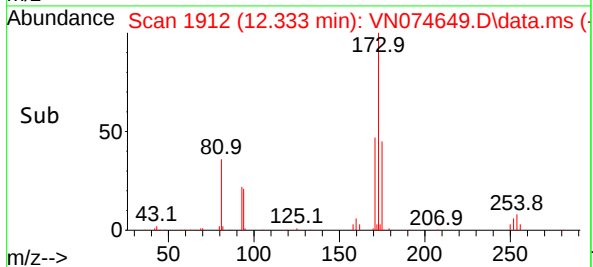
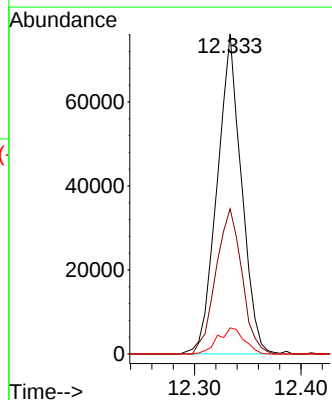
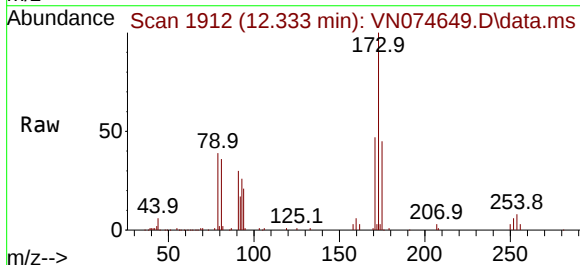
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

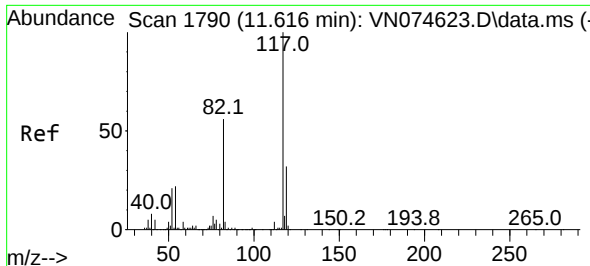
Tgt Ion: 63 Resp: 690147
Ion Ratio Lower Upper
63 100
65 32.5 24.6 36.8
106 25.0 21.3 31.9



#56
Bromoform
Concen: 15.726 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 173 Resp: 120933
Ion Ratio Lower Upper
173 100
175 48.4 39.1 58.7
254 8.8 7.0 10.6

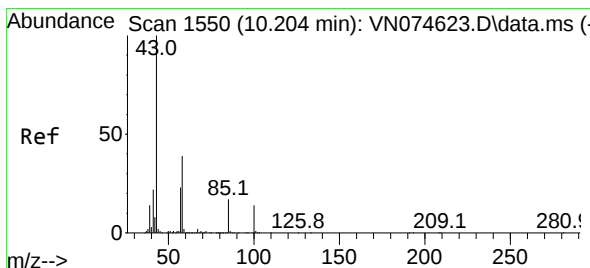
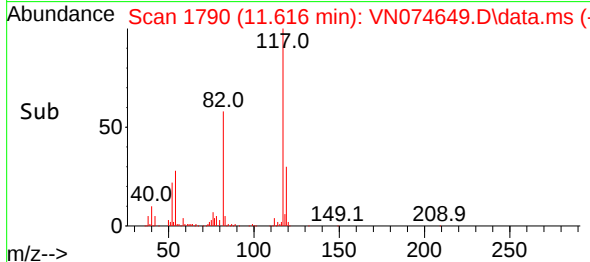
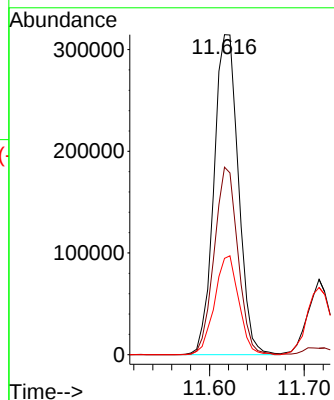
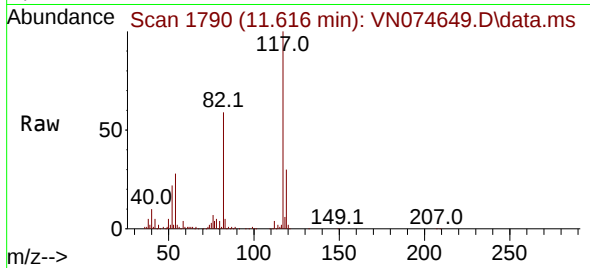




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

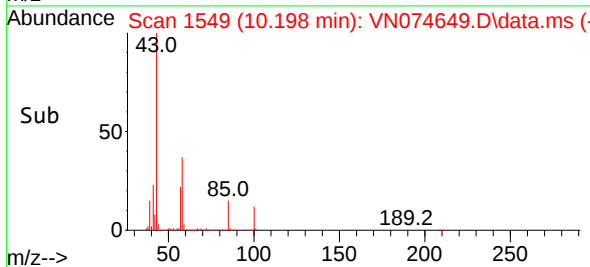
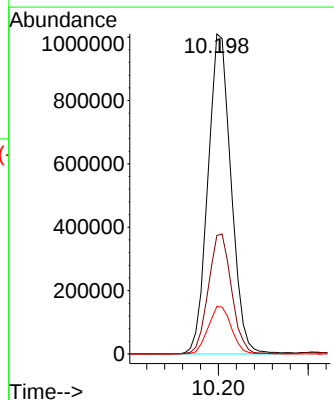
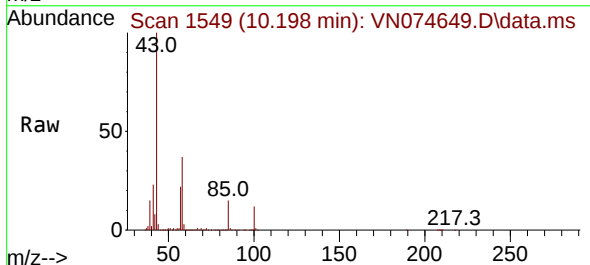
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

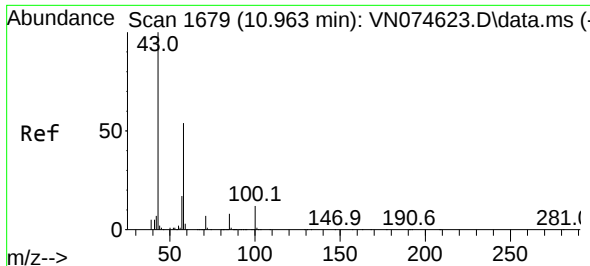
Tgt Ion:	117	Resp:	564975
Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.6	67.0
119	30.6	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 103.140 ug/l
RT: 10.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion:	43	Resp:	1808364
Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.8	46.2
85	15.0	13.3	19.9

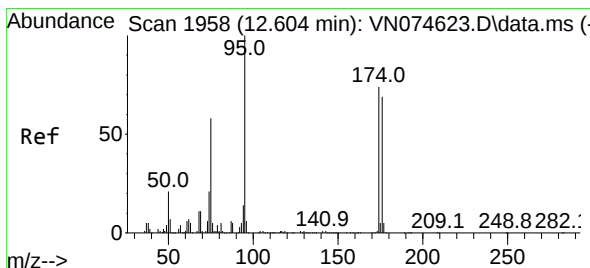
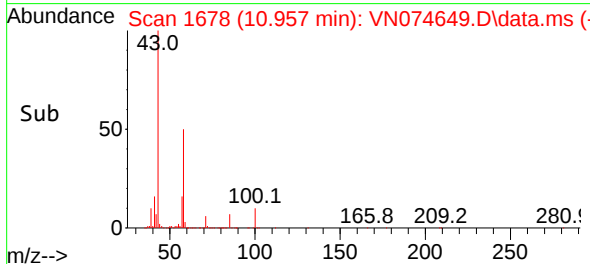
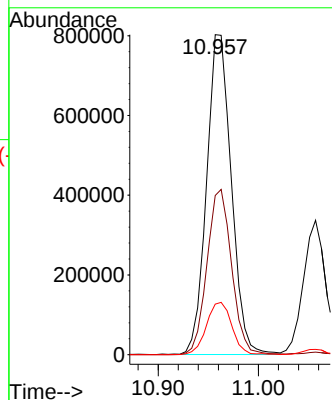
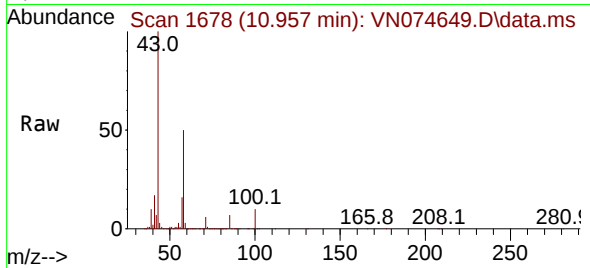




#59
2-Hexanone
Concen: 101.491 ug/l
RT: 10.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

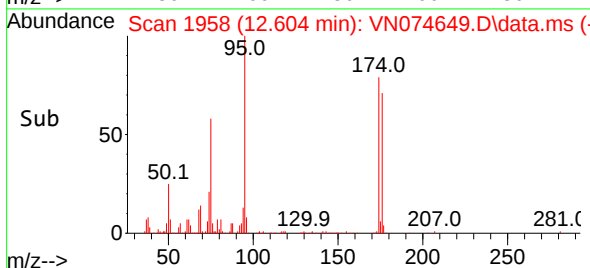
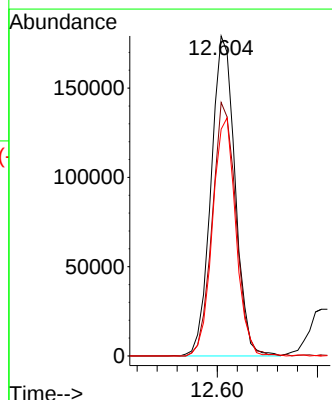
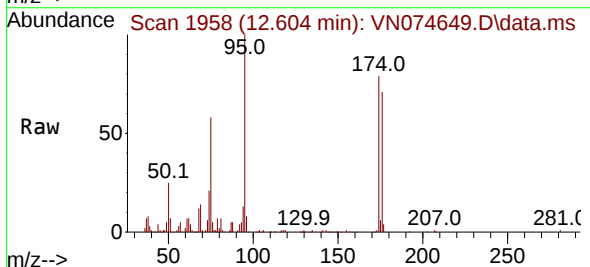
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

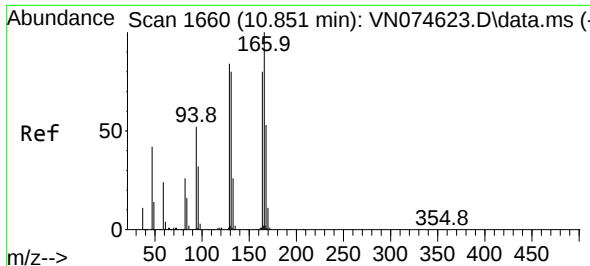
Tgt Ion: 43 Resp: 1378225
Ion Ratio Lower Upper
43 100
58 51.5 43.6 65.4
57 16.7 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 27.158 ug/l
RT: 12.604 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 95 Resp: 298045
Ion Ratio Lower Upper
95 100
174 78.2 57.8 86.8
176 72.1 57.0 85.4

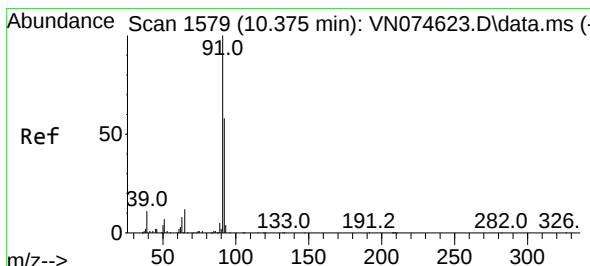
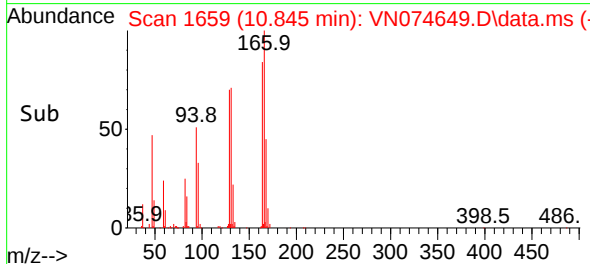
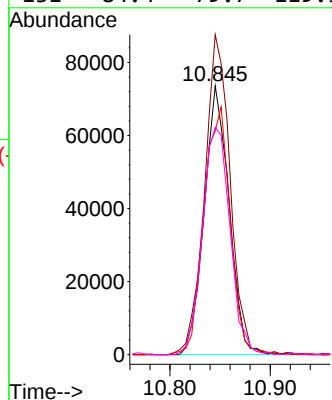
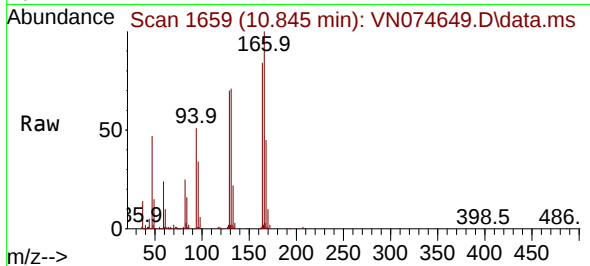




#61
Tetrachloroethene
Concen: 20.150 ug/l
RT: 10.845 min Scan# 1659
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

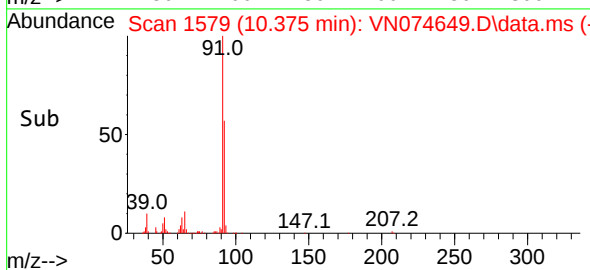
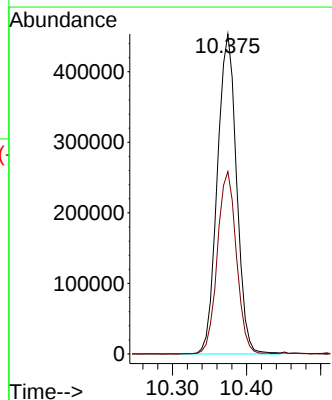
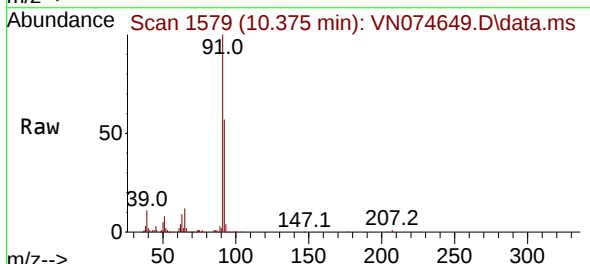
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

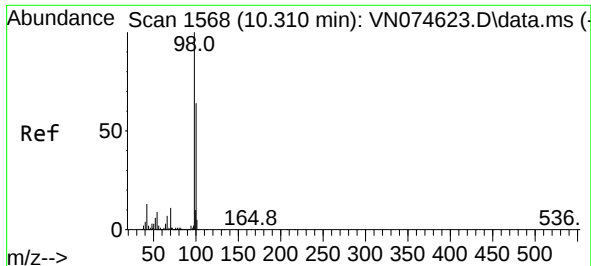
Tgt Ion:164 Resp: 126997
Ion Ratio Lower Upper
164 100
166 118.6 99.6 149.4
129 83.3 84.0 126.0#
131 84.4 79.7 119.5



#62
Toluene
Concen: 19.758 ug/l
RT: 10.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 91 Resp: 817397
Ion Ratio Lower Upper
91 100
92 56.4 46.0 69.0

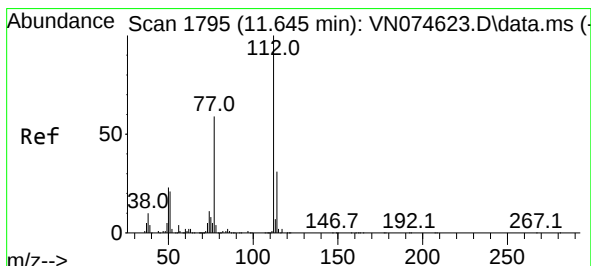
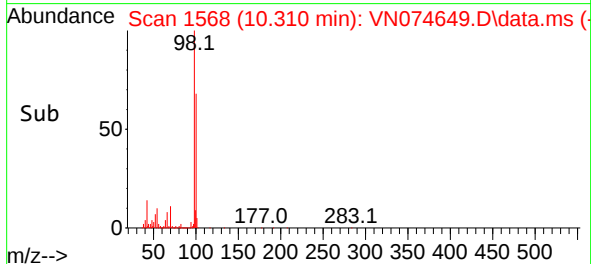
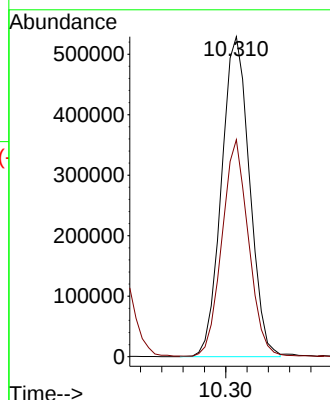
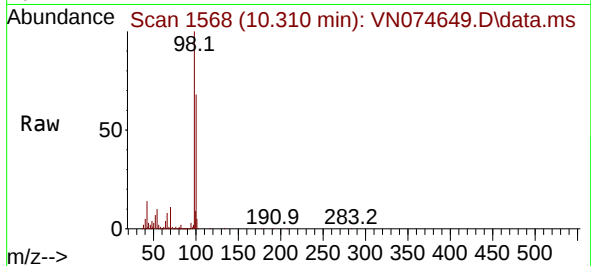




#63
Toluene-d8
Concen: 30.325 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

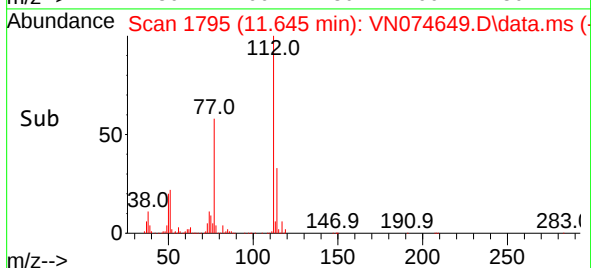
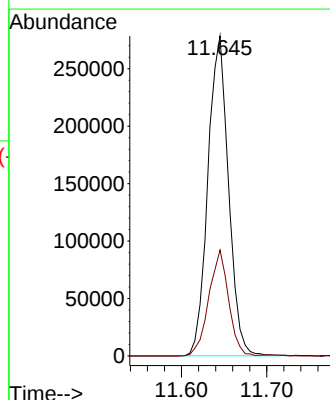
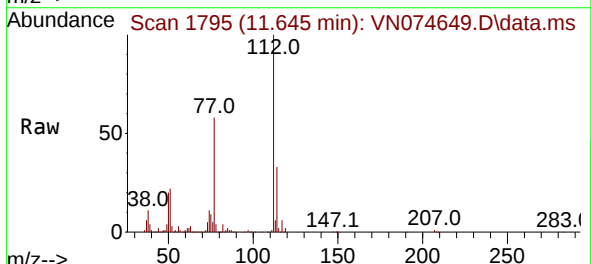
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

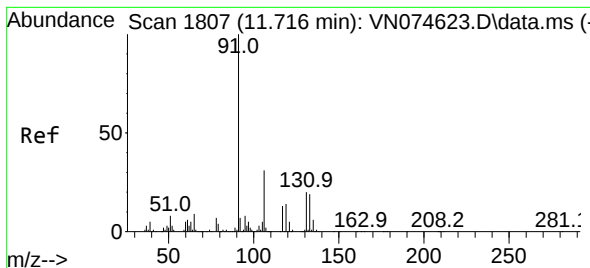
Tgt Ion: 98 Resp: 966373
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#64
Chlorobenzene
Concen: 19.722 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 112 Resp: 467509
Ion Ratio Lower Upper
112 100
114 33.1 24.7 37.1

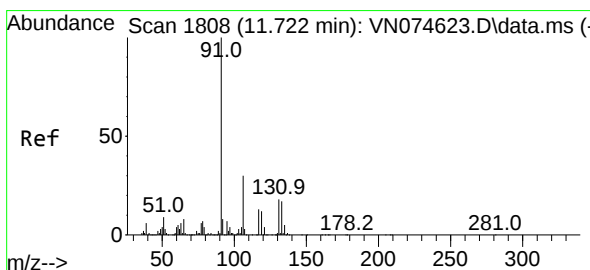
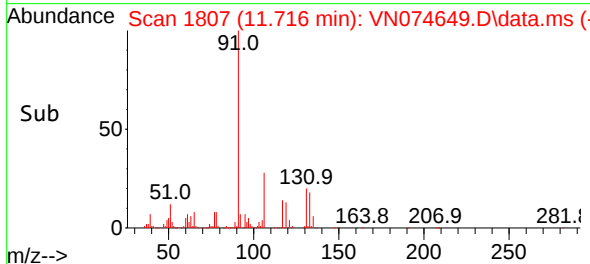
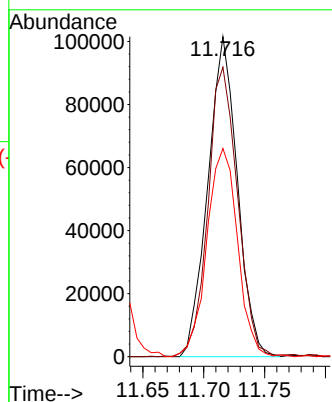
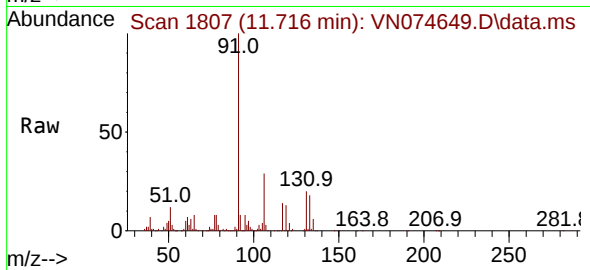




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.187 ug/l
 RT: 11.716 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

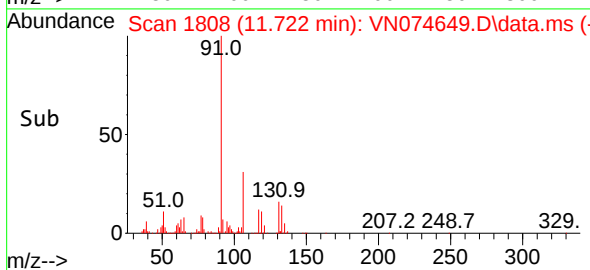
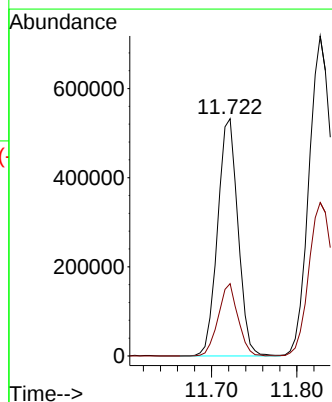
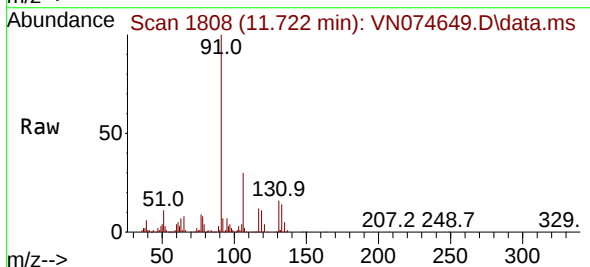
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

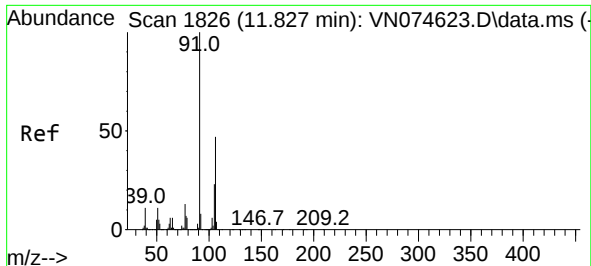
Tgt Ion:131 Resp: 170899
 Ion Ratio Lower Upper
 131 100
 133 90.6 0.0 191.8
 119 67.6 0.0 135.8



#66
 Ethyl Benzene
 Concen: 20.083 ug/l
 RT: 11.722 min Scan# 1808
 Delta R.T. 0.000 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

Tgt Ion: 91 Resp: 882288
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.1 36.1

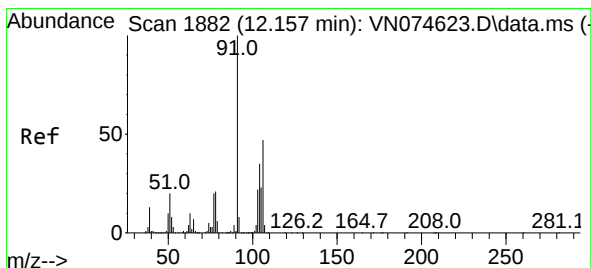
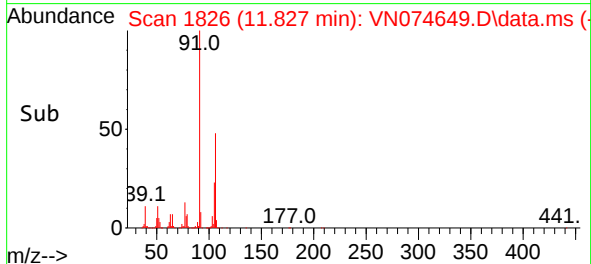
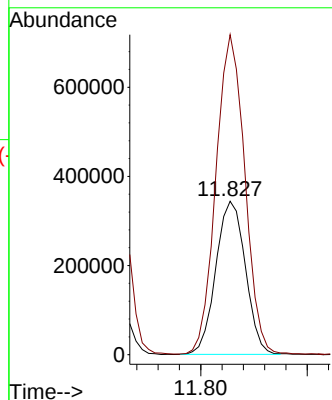
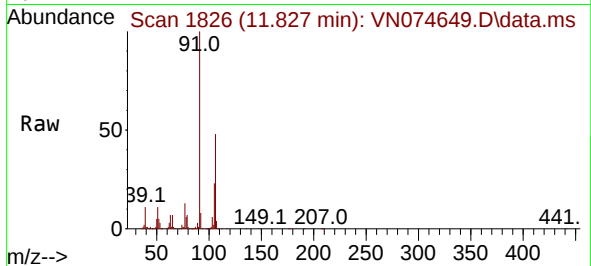




#67
m/p-Xylenes
Concen: 37.538 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

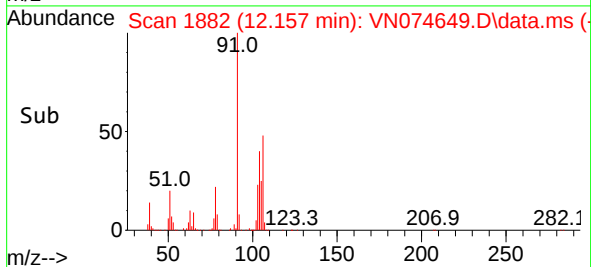
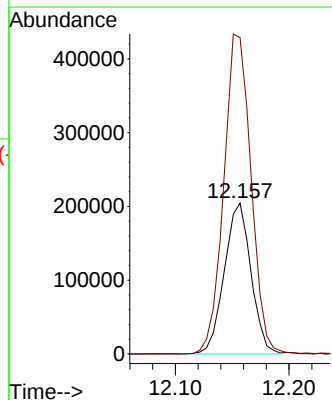
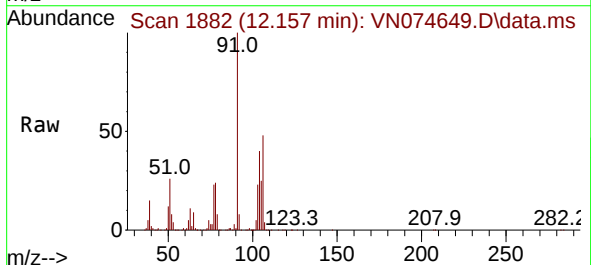
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

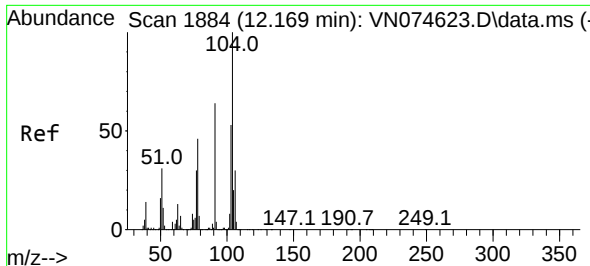
Tgt Ion:106 Resp: 662121
Ion Ratio Lower Upper
106 100
91 204.8 164.2 246.4



#68
o-Xylene
Concen: 18.548 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion:106 Resp: 333091
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.5

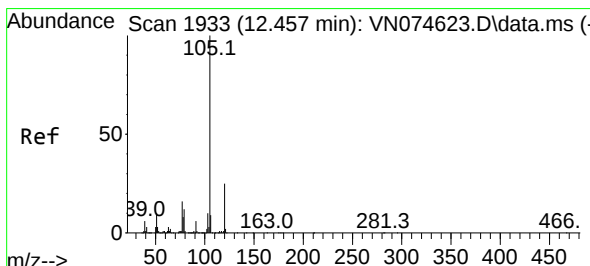
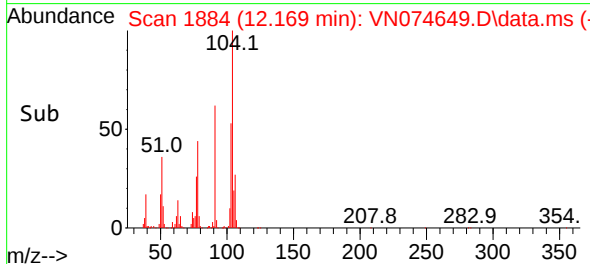
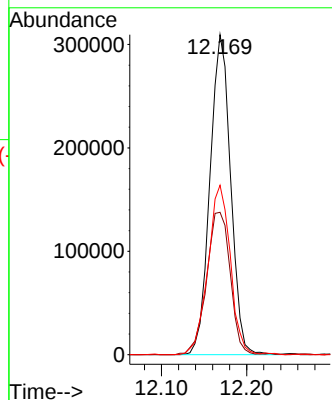
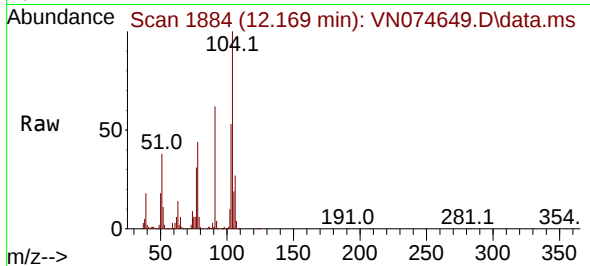




#69
Styrene
Concen: 17.282 ug/l
RT: 12.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

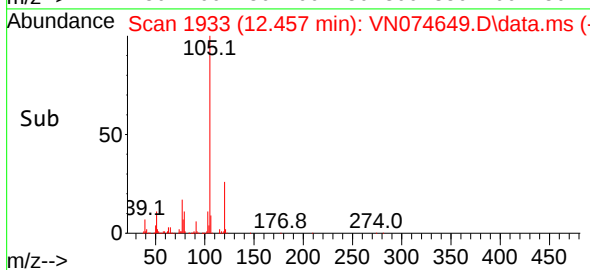
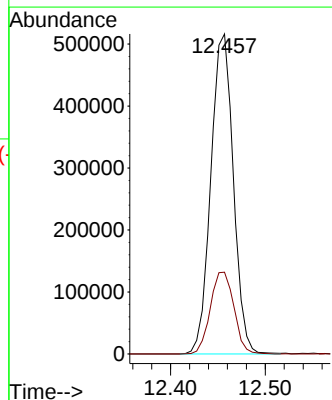
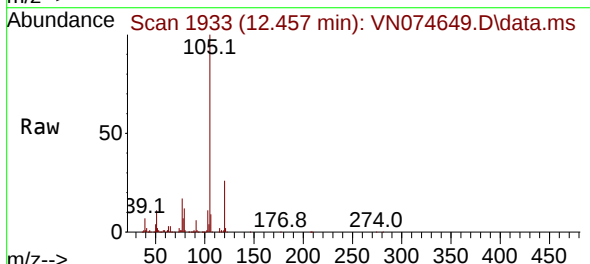
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

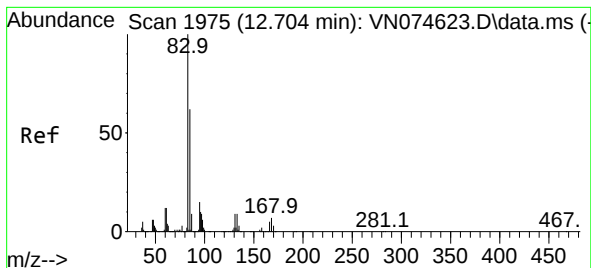
Tgt Ion:104 Resp: 522161
Ion Ratio Lower Upper
104 100
78 50.9 39.9 59.9
103 57.2 43.8 65.8



#70
Isopropylbenzene
Concen: 18.592 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion:105 Resp: 851866
Ion Ratio Lower Upper
105 100
120 26.8 18.5 34.3

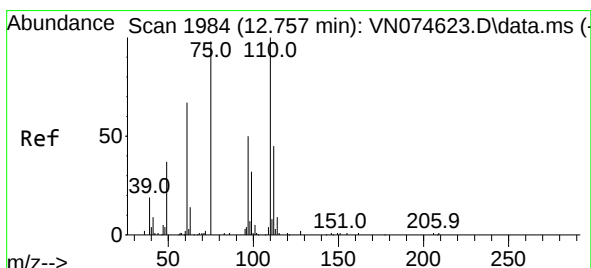
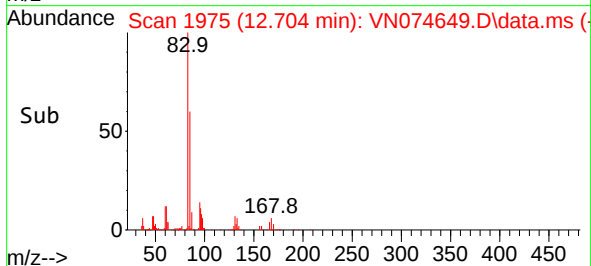
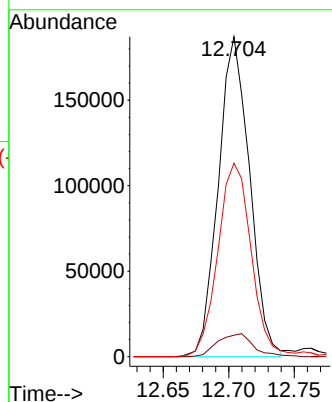
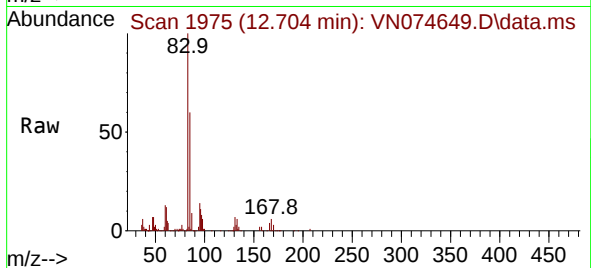




#71
1,1,2,2-Tetrachloroethane
Concen: 19.080 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

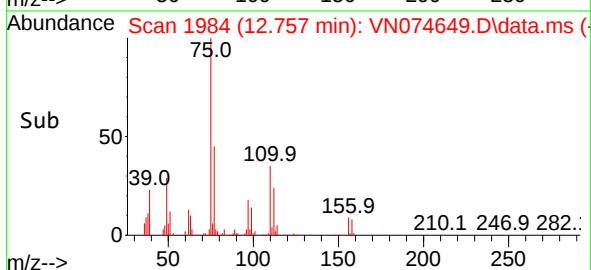
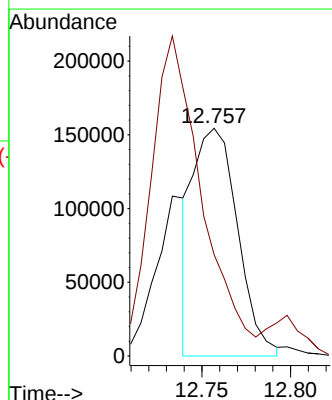
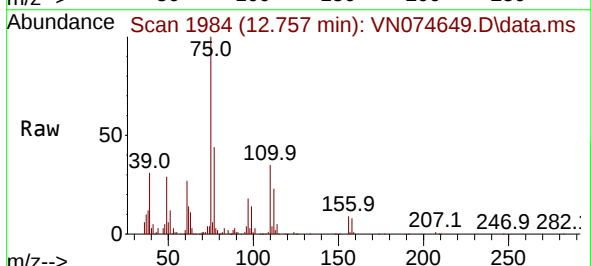
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

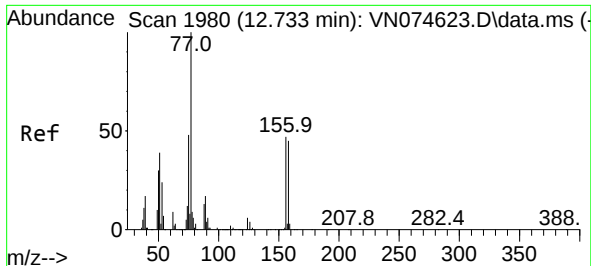
Tgt Ion: 83 Resp: 310325
Ion Ratio Lower Upper
83 100
131 8.3 4.5 13.5
85 64.5 30.9 92.7



#72
1,2,3-Trichloropropane
Concen: 21.783 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 75 Resp: 268193
Ion Ratio Lower Upper
75 100
77 161.8 0.0 372.4

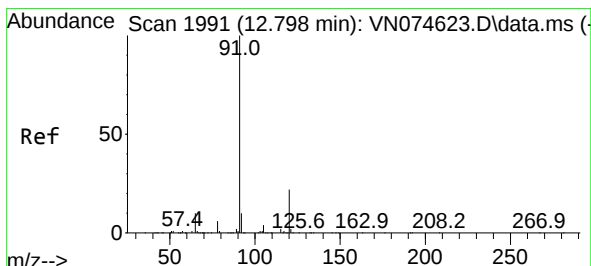
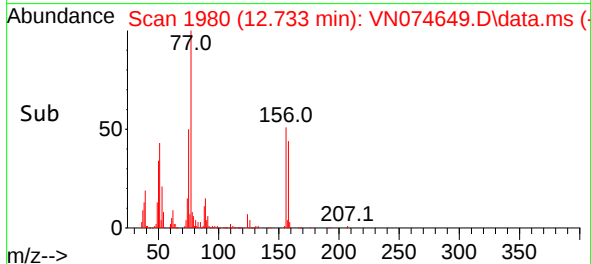
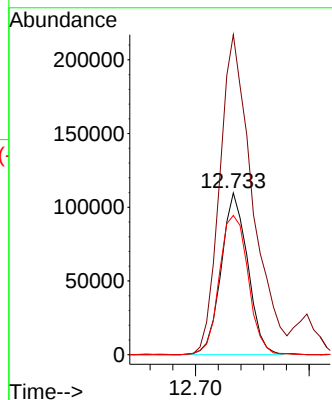
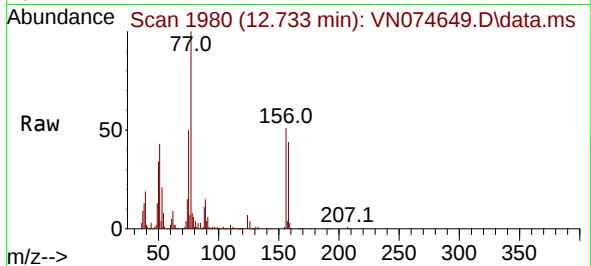




#73
Bromobenzene
Concen: 19.305 ug/l
RT: 12.733 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

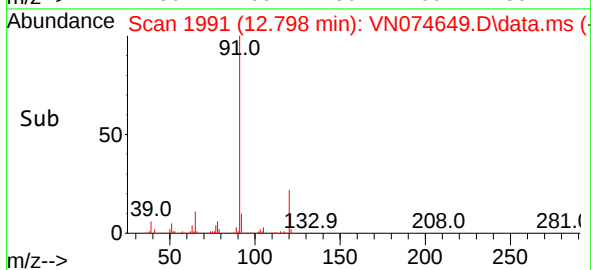
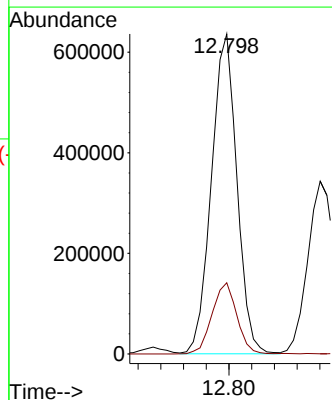
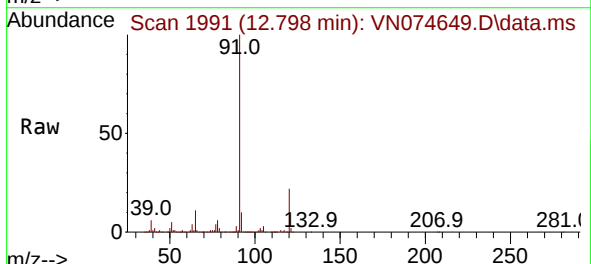
Instrument :
MSVOA_N
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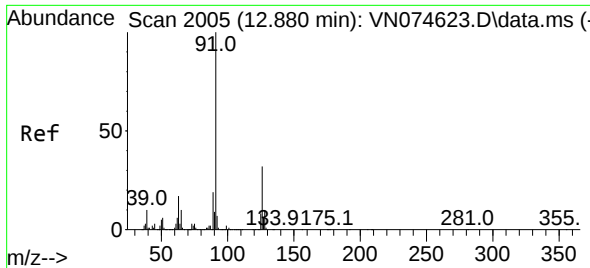
Tgt Ion:156 Resp: 177727
Ion Ratio Lower Upper
156 100
77 244.2 0.0 491.8
158 93.5 0.0 185.0



#74
n-propylbenzene
Concen: 19.216 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 91 Resp: 992098
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.6

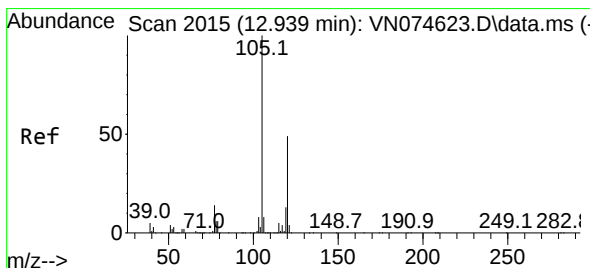
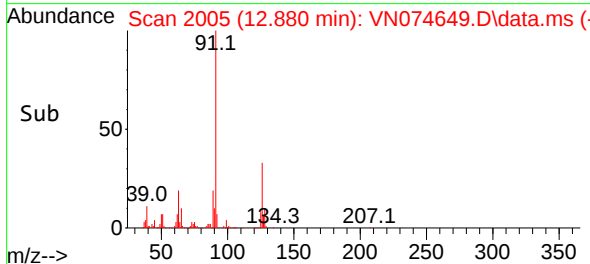
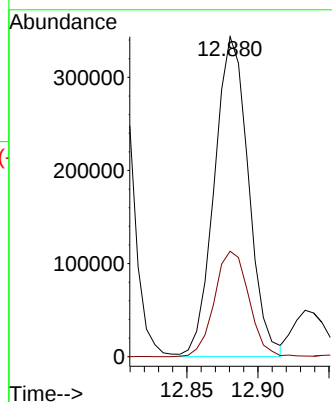
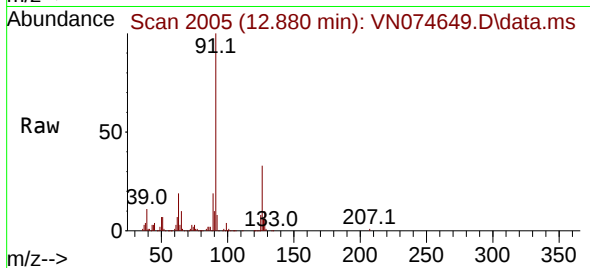




#75
2-Chlorotoluene
Concen: 18.315 ug/l
RT: 12.880 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

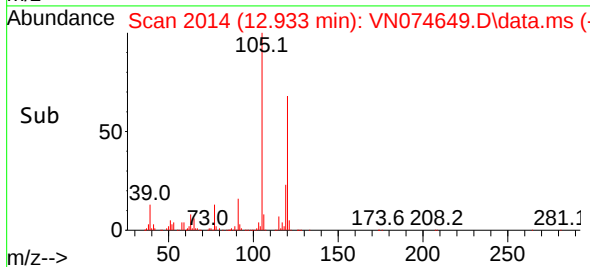
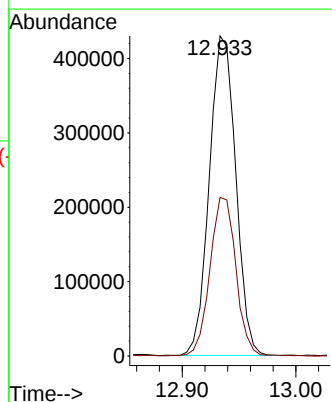
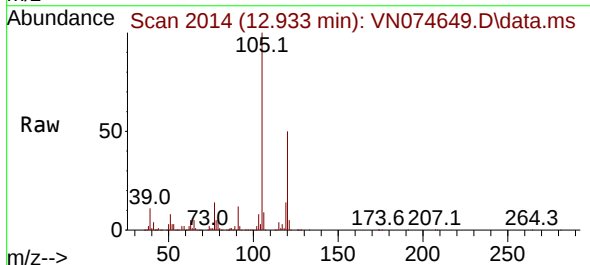
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

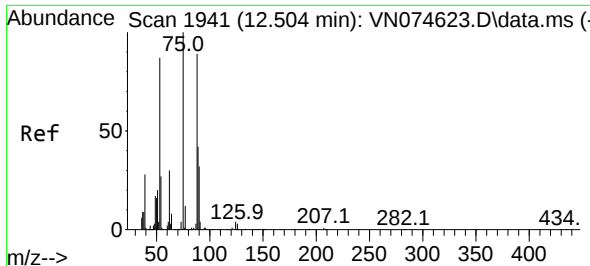
Tgt Ion: 91 Resp: 573583
Ion Ratio Lower Upper
91 100
126 33.1 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 17.996 ug/l
RT: 12.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 105 Resp: 695226
Ion Ratio Lower Upper
105 100
120 48.5 0.0 97.4

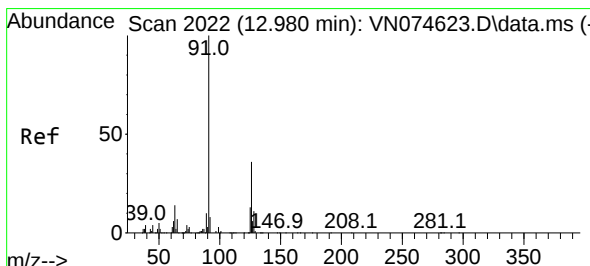
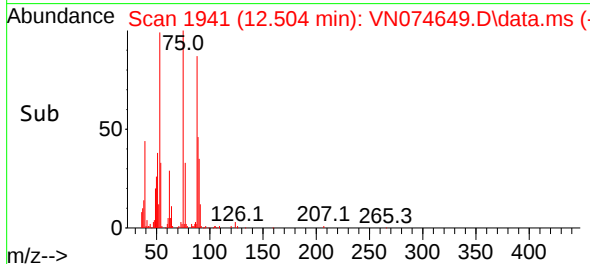
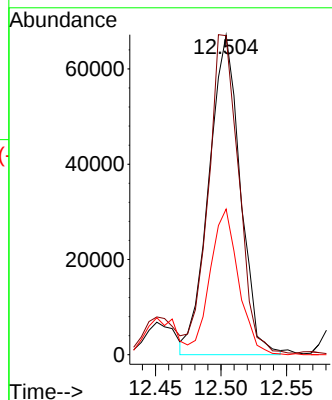
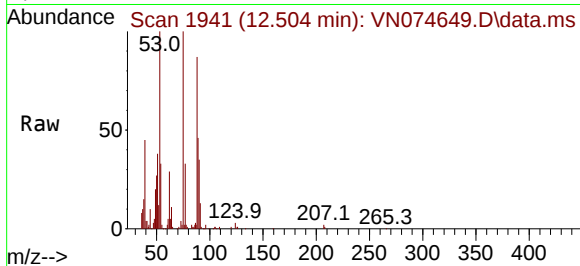




#77
t-1,4-Dichloro-2-butene
Concen: 17.561 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

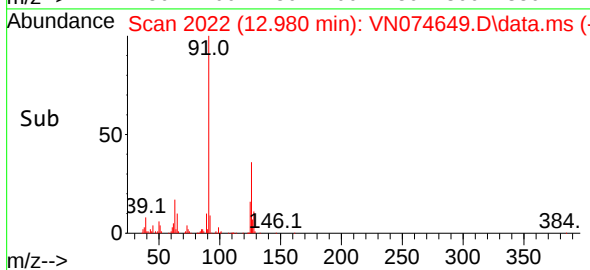
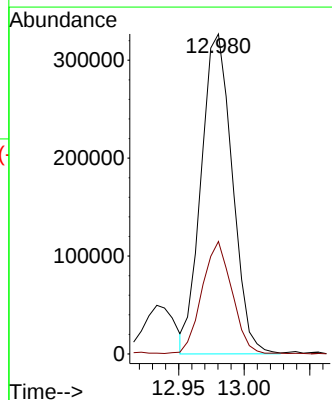
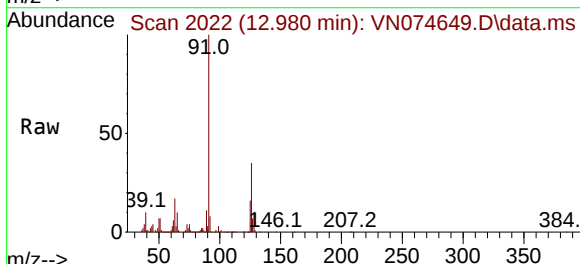
Instrument :
MSVOA_N
ClientSampleId :
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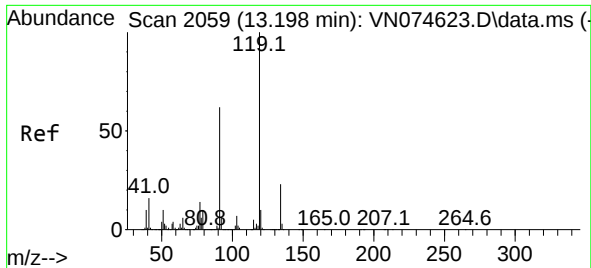
Tgt Ion: 75 Resp: 111994
Ion Ratio Lower Upper
75 100
53 100.0 43.3 129.9
89 45.9 21.1 63.1



#78
4-Chlorotoluene
Concen: 17.219 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 91 Resp: 540430
Ion Ratio Lower Upper
91 100
126 33.7 0.0 67.8

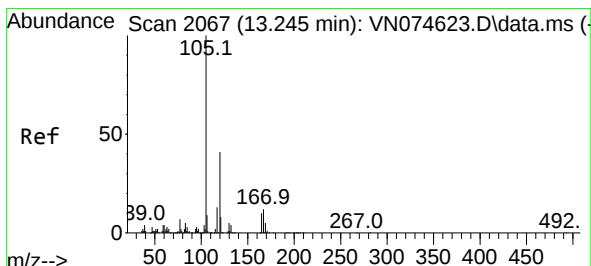
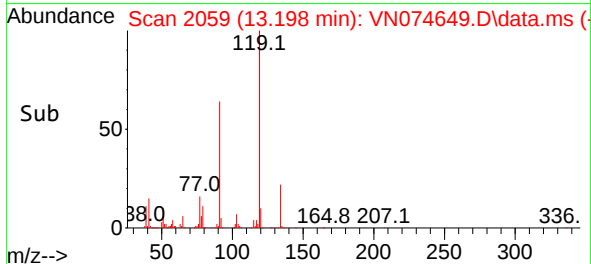
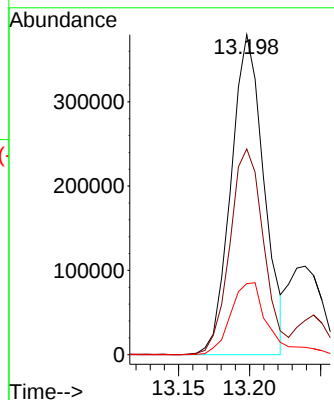
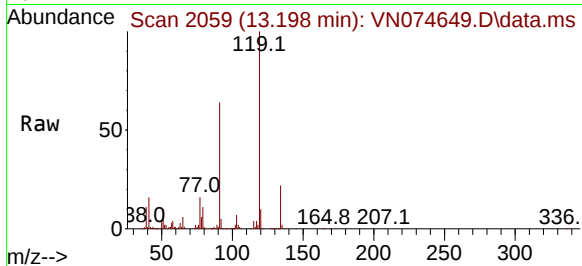




#79
tert-butylbenzene
Concen: 18.163 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

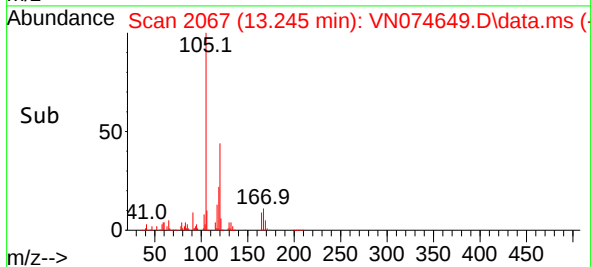
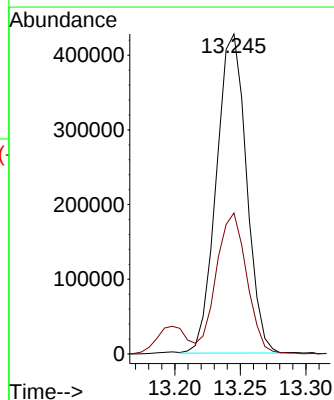
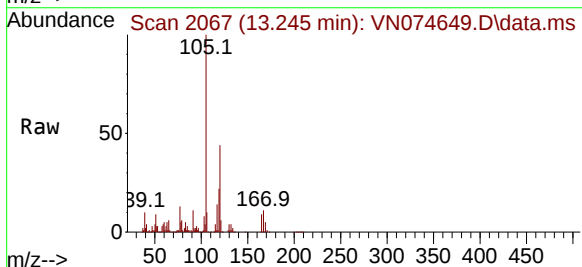
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

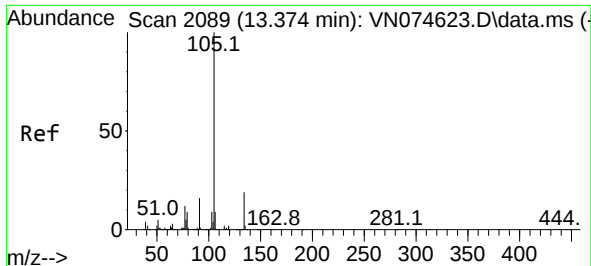
Tgt Ion:119 Resp: 613892
Ion Ratio Lower Upper
119 100
91 66.4 0.0 129.0
134 24.5 0.0 52.2



#80
1,2,4-Trimethylbenzene
Concen: 17.836 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion:105 Resp: 680565
Ion Ratio Lower Upper
105 100
120 44.8 0.0 93.2

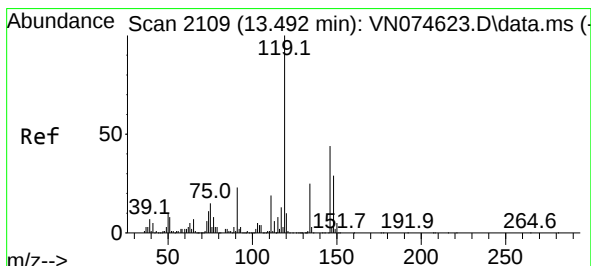
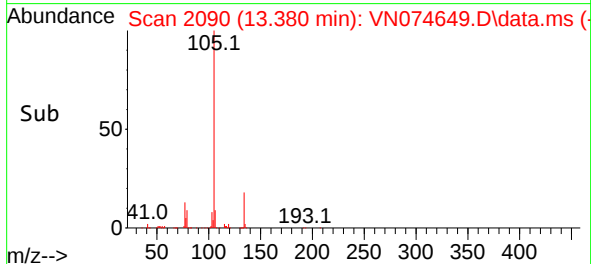
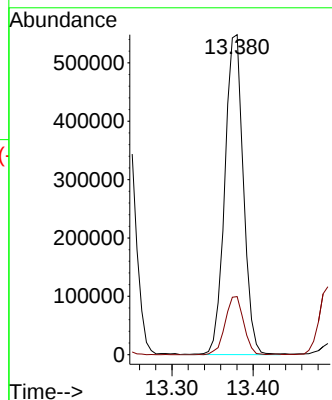
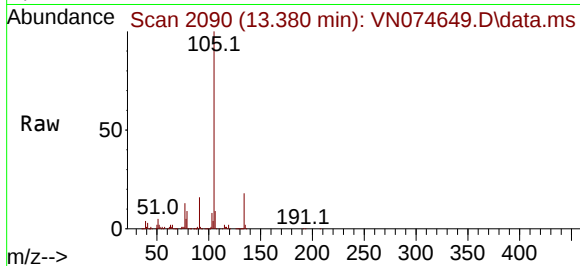




#81
 sec-Butylbenzene
 Concen: 18.189 ug/l
 RT: 13.380 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

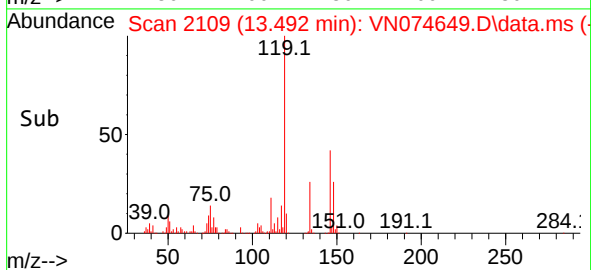
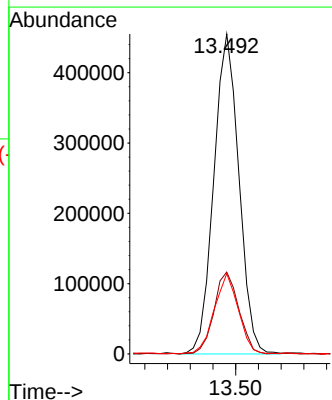
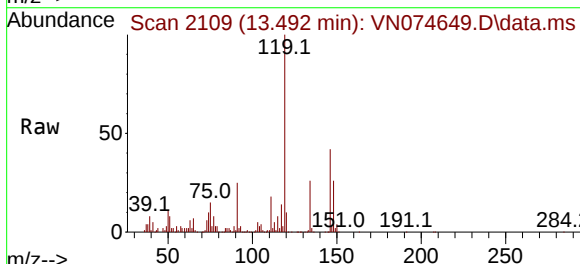
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

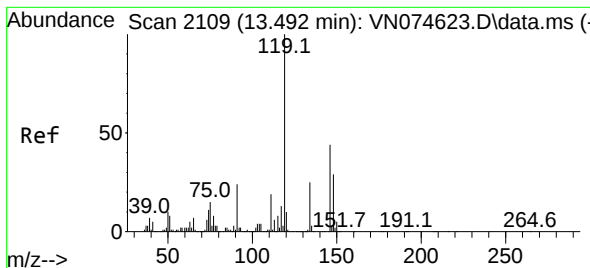
Tgt Ion:105 Resp: 870279
 Ion Ratio Lower Upper
 105 100
 134 18.1 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 17.741 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: VN074649.D
 Acq: 28 Sep 2022 16:13

Tgt Ion:119 Resp: 698343
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.4
 91 23.9 0.0 46.8





#83

1,3-Dichlorobenzene

Concen: 17.117 ug/l

RT: 13.492 min Scan# 2109

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

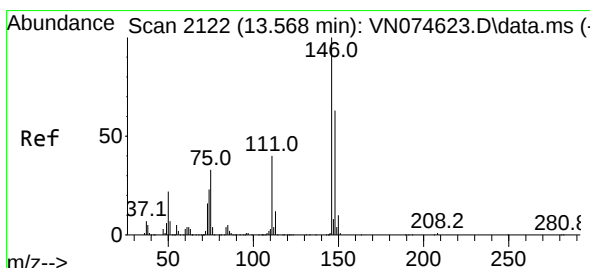
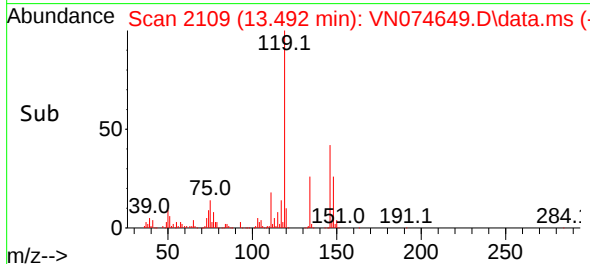
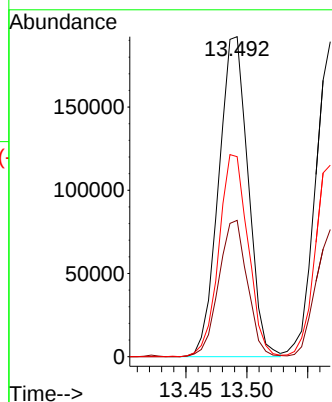
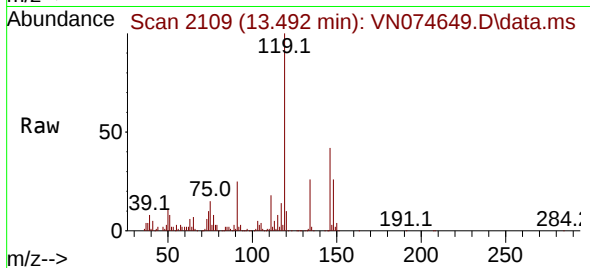
Tgt Ion:146 Resp: 323848

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.5

148 62.5 31.0 93.0



#84

1,4-Dichlorobenzene

Concen: 17.092 ug/l

RT: 13.569 min Scan# 2122

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

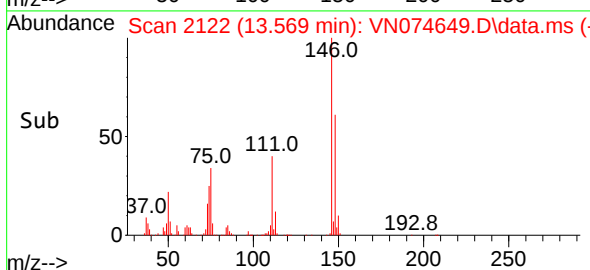
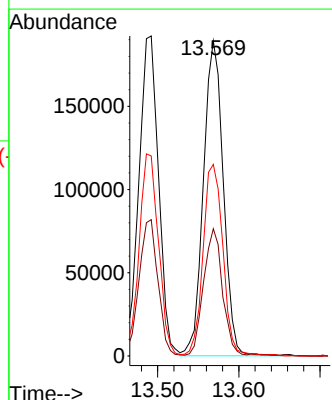
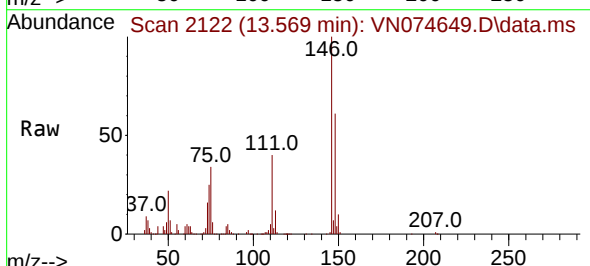
Tgt Ion:146 Resp: 321620

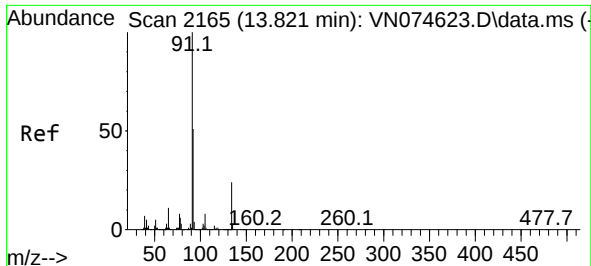
Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

148 60.6 31.7 95.1

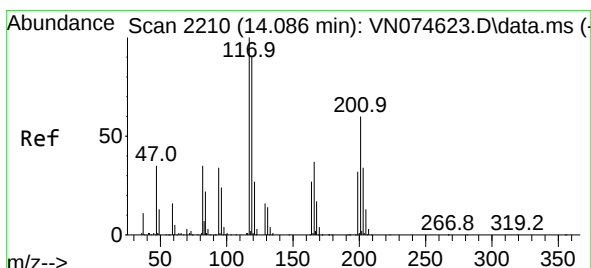
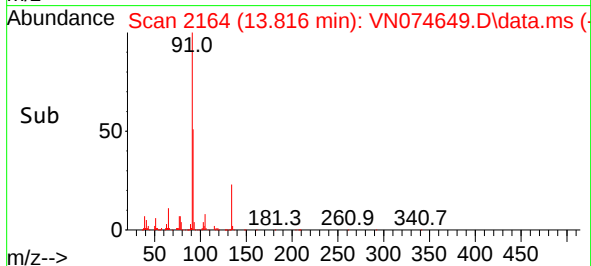
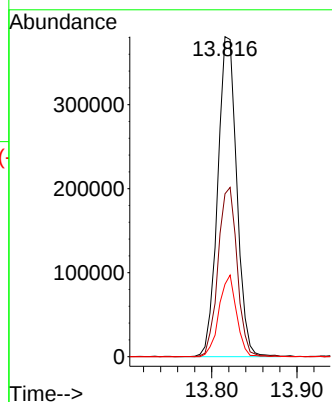
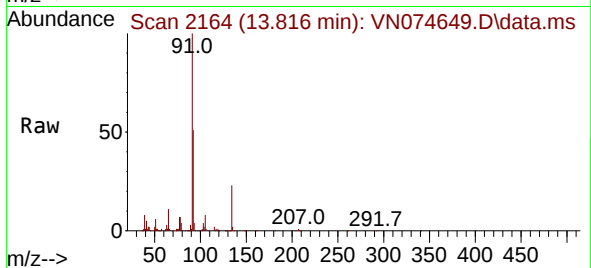




#85
n-Butylbenzene
Concen: 17.618 ug/l
RT: 13.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

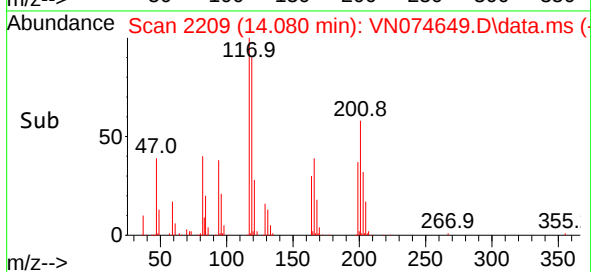
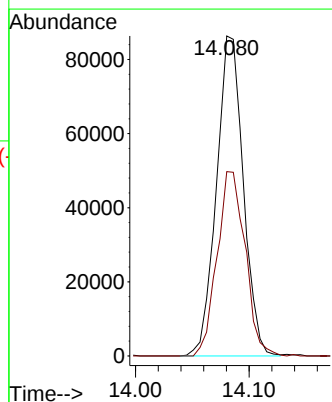
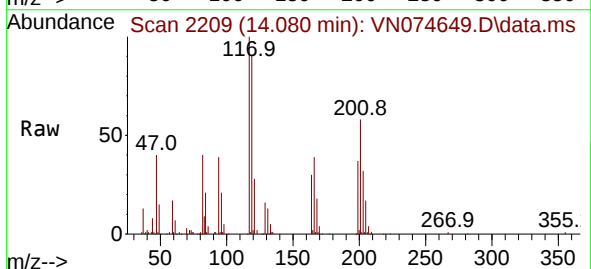
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

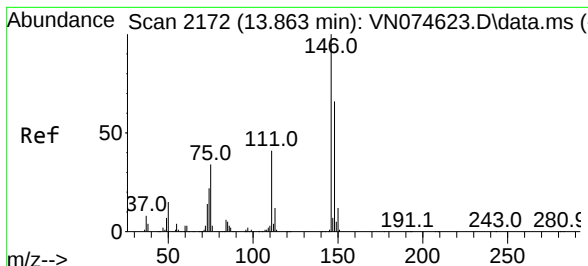
Tgt Ion: 91 Resp: 591672
Ion Ratio Lower Upper
91 100
92 52.8 0.0 105.4
134 23.4 0.0 46.4



#86
Hexachloroethane
Concen: 18.715 ug/l
RT: 14.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 117 Resp: 141900
Ion Ratio Lower Upper
117 100
201 60.2 29.4 88.3





#87

1,2-Dichlorobenzene

Concen: 16.843 ug/l

RT: 13.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

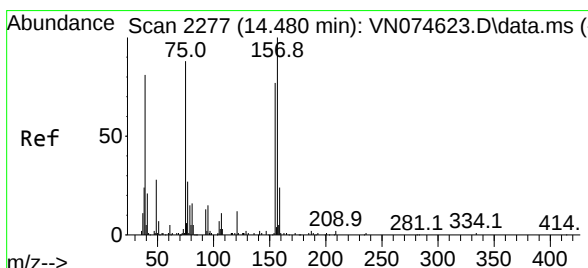
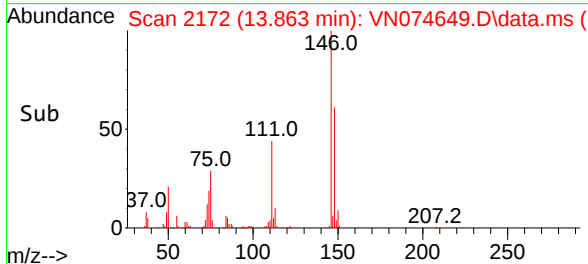
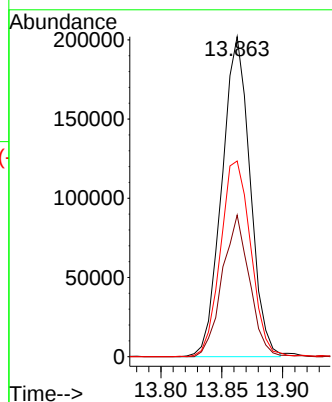
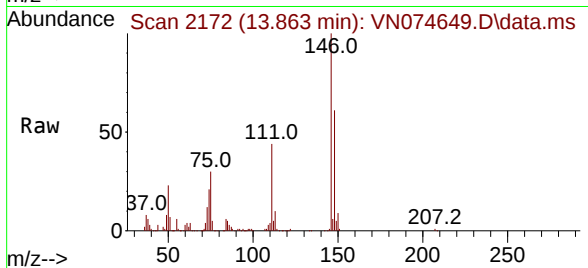
Tgt Ion:146 Resp: 325954

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.2

148 65.5 30.6 92.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.816 ug/l

RT: 14.474 min Scan# 2276

Delta R.T. -0.006 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

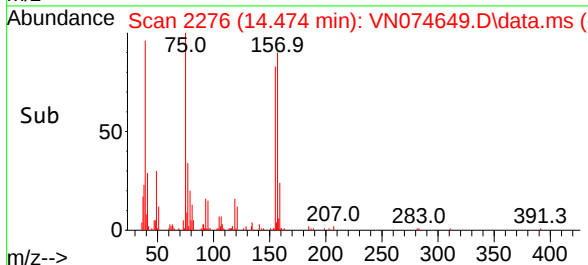
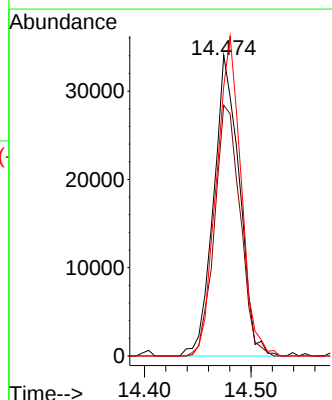
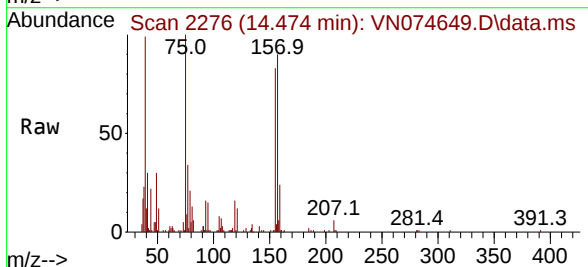
Tgt Ion: 75 Resp: 57279

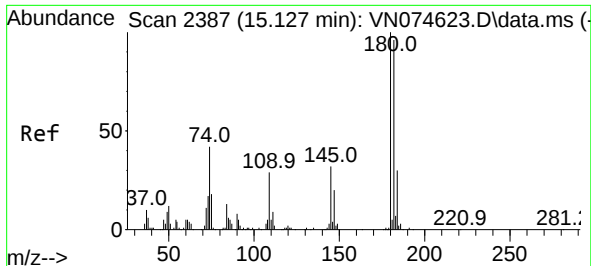
Ion Ratio Lower Upper

75 100

155 82.9 66.3 99.5

157 101.6 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 18.487 ug/l

RT: 15.133 min Scan# 2388

Delta R.T. 0.006 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

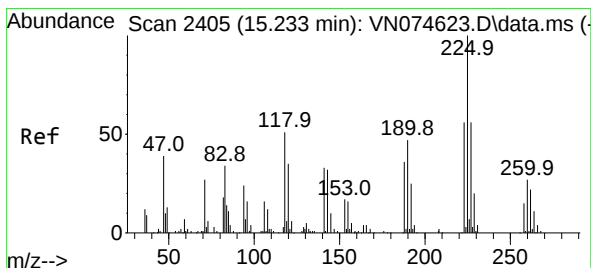
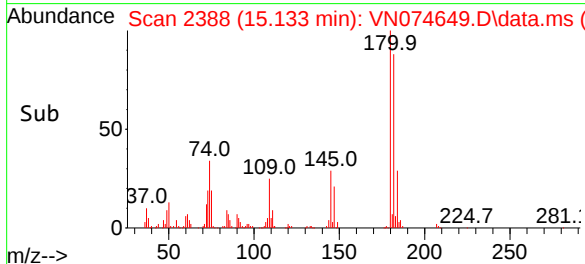
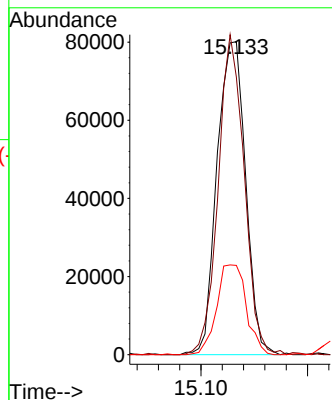
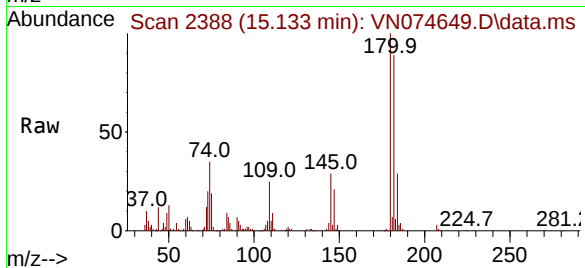
Tgt Ion:180 Resp: 149226

Ion Ratio Lower Upper

180 100

182 92.7 74.9 112.3

145 29.7 26.3 39.5



#90

Hexachlorobutadiene

Concen: 19.317 ug/l

RT: 15.233 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN074649.D

Acq: 28 Sep 2022 16:13

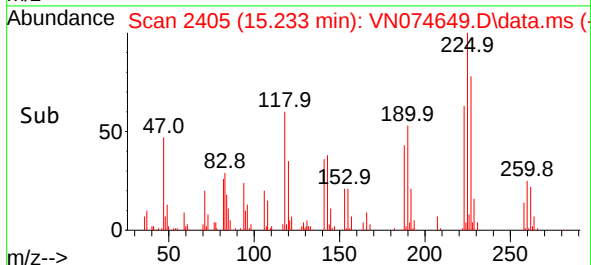
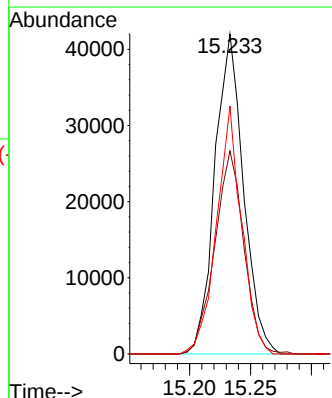
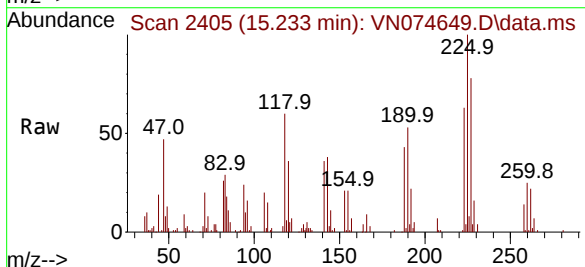
Tgt Ion:225 Resp: 68699

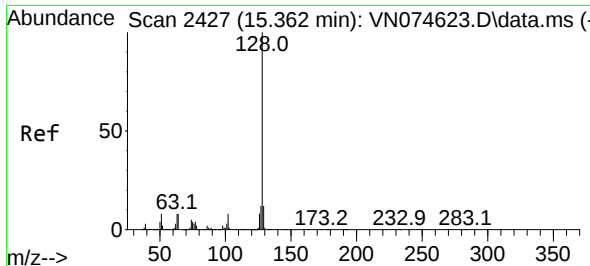
Ion Ratio Lower Upper

225 100

223 64.4 0.0 125.0

227 68.1 0.0 123.0

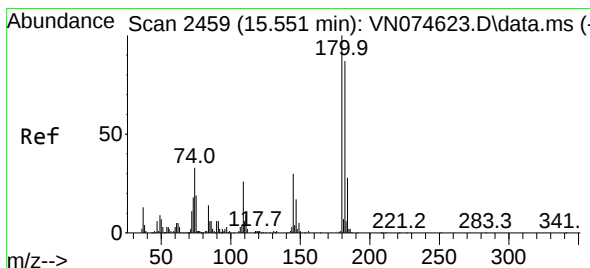
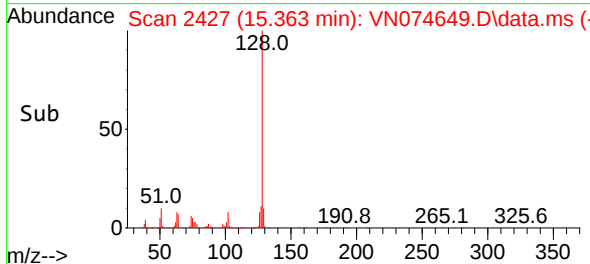
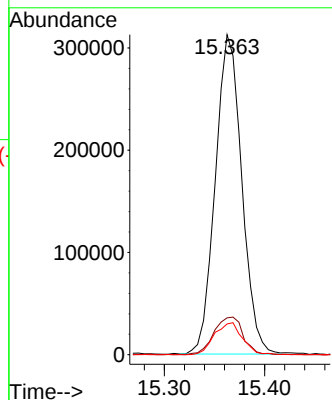
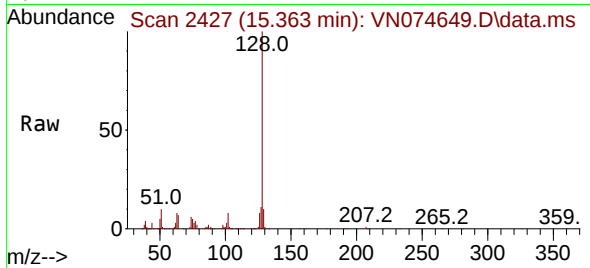




#91
Naphthalene
Concen: 16.908 ug/l
RT: 15.363 min Scan# 2427
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 572580
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.7 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.441 ug/l
RT: 15.551 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VN074649.D
Acq: 28 Sep 2022 16:13

Tgt Ion:180 Resp: 149239
Ion Ratio Lower Upper
180 100
182 92.3 0.0 185.4
145 32.1 0.0 68.6

