

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092822\
 Data File : VN074644.D
 Acq On : 28 Sep 2022 13:07
 Operator : JC\MD
 Sample : VN0928WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

Quant Time: Sep 28 18:18:01 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	7.486	128	101393	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.827	114	631899	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.616	117	570882	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	303717	31.768	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.900%
60) 4-Bromofluorobenzene	12.604	95	300407	27.090	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.300%
63) Toluene-d8	10.310	98	979842	30.429	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.433%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.998	85	129802	21.784	ug/l	100
3) Chloromethane	2.216	50	218294	24.947	ug/l	97
4) Vinyl Chloride	2.357	62	299625	26.746	ug/l	98
5) Bromomethane	2.734	94	221699	30.704	ug/l	84
6) Chloroethane	2.898	64	253818	32.054	ug/l	94
7) Trichlorofluoromethane	3.245	101	235288	22.613	ug/l	88
8) Diethyl Ether	3.675	74	115106	20.973	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.051	101	151797	22.757	ug/l	84
10) 1,1-Dichloroethene	4.022	96	151424	22.015	ug/l	96
11) Methyl Iodide	4.251	142	181303	20.580	ug/l	98
12) Methyl Acetate	4.663	43	338766	23.005	ug/l	99
13) Acrolein	3.887	56	110873m	92.504	ug/l	
14) Acrylonitrile	5.363	53	667003	111.746	ug/l	98
15) Acetone	4.128	58	173654	110.767	ug/l	97
16) Carbon Disulfide	4.357	76	408133	21.114	ug/l	96
17) Allyl chloride	4.657	41	318572	22.713	ug/l	85
18) Methylene Chloride	4.892	84	186635	21.285	ug/l #	88
19) trans-1,2-Dichloroethene	5.398	96	162069	20.849	ug/l	98
20) Diisopropyl ether	6.298	45	680105	22.168	ug/l	95
21) 1,1-Dichloroethane	6.192	63	344583	22.240	ug/l	95
22) cis-1,2-Dichloroethene	7.151	96	193751	20.658	ug/l #	81
23) tert-Butyl Alcohol	5.169	59	258357	105.117	ug/l #	100
24) Methyl tert-Butyl Ether	5.416	73	600840	21.082	ug/l	99
25) Chloroform	7.657	83	325240	21.175	ug/l	98
26) Cyclohexane	7.928	56	322346	23.136	ug/l #	99
29) 1,1-Dichloropropene	8.063	75	231524	19.616	ug/l	99
30) 2-Butanone	7.163	43	941853	104.596	ug/l	99
31) 2,2-Dichloropropane	7.145	77	299371	21.248	ug/l	99
32) 1,1,1-Trichloroethane	7.857	97	278307	19.961	ug/l	95
33) Carbon Tetrachloride	8.051	117	231073	19.815	ug/l	94
34) Benzene	8.304	78	798766	20.444	ug/l	97
35) Methacrylonitrile	7.475	41	180243	21.039	ug/l	89
36) 1,2-Dichloroethane	8.380	62	249164	19.529	ug/l	100
37) Trichloroethene	9.075	130	165527	19.951	ug/l	91
38) Methylcyclohexane	9.322	83	310209	20.307	ug/l	99
39) 1,2-Dichloropropane	9.351	63	215479	20.830	ug/l	99
40) Dibromomethane	9.439	93	129345	19.378	ug/l	98
41) Bromodichloromethane	9.627	83	261966	19.743	ug/l	95
42) Vinyl Acetate	6.239	43	3052224	104.277	ug/l	98

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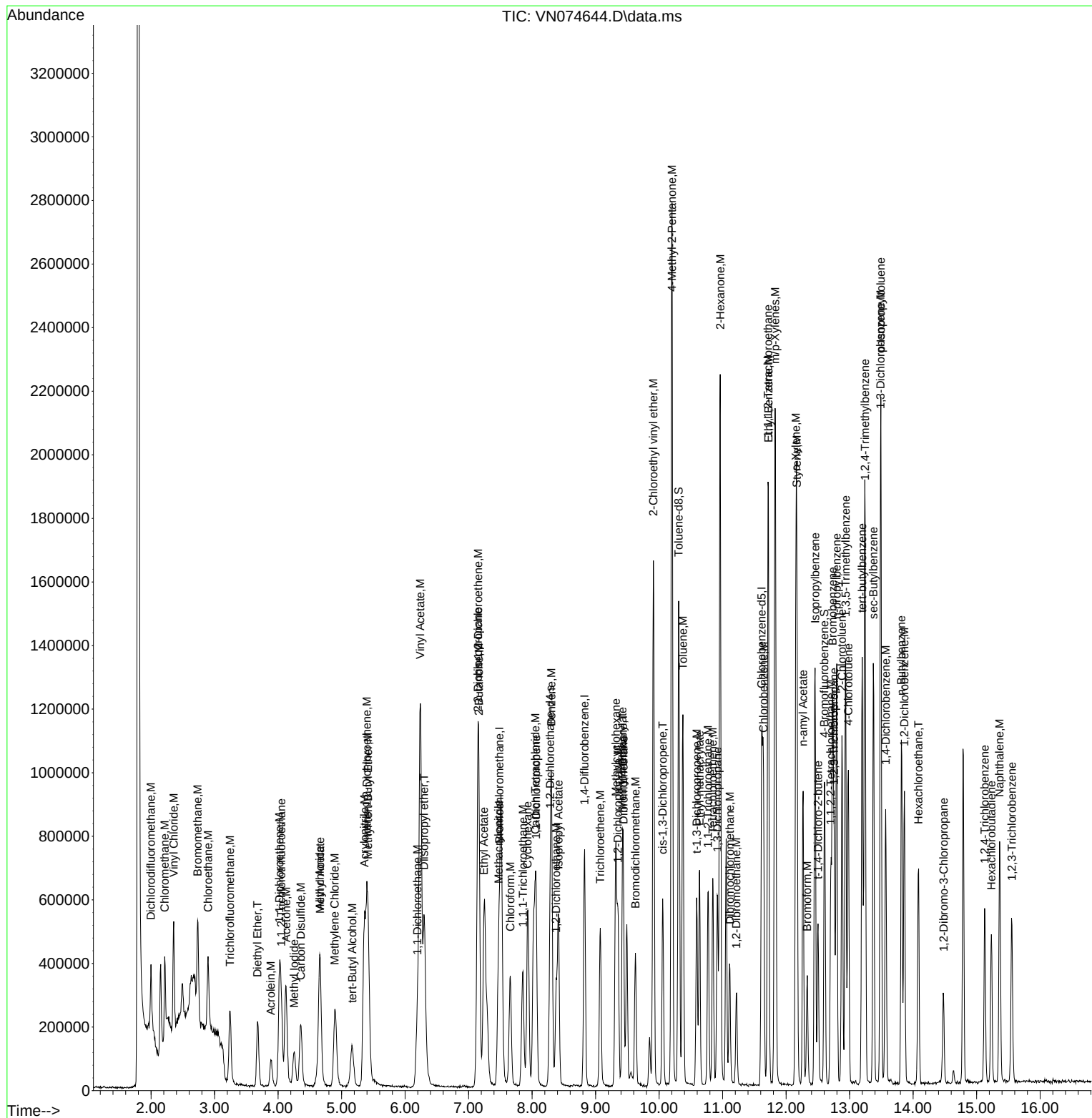
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.239	43	384897	22.070	ug/l	94
44) Isopropyl Acetate	8.416	43	611210	21.582	ug/l	97
45) 1,4-Dioxane	9.433	88	97522	403.519	ug/l	95
46) Methyl methacrylate	9.422	41	244316	20.712	ug/l	95
47) n-amyl Acetate	12.268	43	509763	19.666	ug/l	98
48) t-1,3-Dichloropropene	10.592	75	305497	18.966	ug/l	96
49) cis-1,3-Dichloropropene	10.057	75	325691	19.431	ug/l #	88
50) 1,1,2-Trichloroethane	10.769	97	189440	19.521	ug/l	96
51) Ethyl methacrylate	10.639	69	340118	18.692	ug/l	99
52) 1,3-Dichloropropane	10.921	76	338593	19.686	ug/l	98
53) Dibromochloromethane	11.116	129	182232	17.768	ug/l	99
54) 1,2-Dibromoethane	11.216	107	185019	18.430	ug/l	98
55) 2-Chloroethyl vinyl ether	9.910	63	739701	104.750	ug/l	98
56) Bromoform	12.333	173	129434	16.146	ug/l	99
58) 4-Methyl-2-Pentanone	10.204	43	1938157	109.399	ug/l	98
59) 2-Hexanone	10.963	43	1486227	108.311	ug/l	98
61) Tetrachloroethene	10.845	164	127347	19.997	ug/l	95
62) Toluene	10.374	91	840767	20.113	ug/l	100
64) Chlorobenzene	11.645	112	472781	19.738	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.716	131	178757	19.862	ug/l	98
66) Ethyl Benzene	11.721	91	907450	20.442	ug/l	98
67) m/p-Xylenes	11.827	106	677793	38.029	ug/l	99
68) o-Xylene	12.157	106	353301	19.469	ug/l	95
69) Styrene	12.168	104	553368	18.126	ug/l	99
70) Isopropylbenzene	12.457	105	867672	18.741	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.704	83	328319	19.978	ug/l	98
72) 1,2,3-Trichloropropane	12.757	75	274649m	22.077	ug/l	
73) Bromobenzene	12.733	156	179697	19.317	ug/l	98
74) n-propylbenzene	12.798	91	1024820	19.645	ug/l	97
75) 2-Chlorotoluene	12.880	91	597244	18.873	ug/l	99
76) 1,3,5-Trimethylbenzene	12.939	105	716697	18.360	ug/l	98
77) t-1,4-Dichloro-2-butene	12.504	75	120210	18.655	ug/l	98
78) 4-Chlorotoluene	12.980	91	565092	17.819	ug/l	99
79) tert-butylbenzene	13.198	119	627315	18.368	ug/l	98
80) 1,2,4-Trimethylbenzene	13.245	105	708113	18.366	ug/l	98
81) sec-Butylbenzene	13.374	105	904552	18.709	ug/l	98
82) p-Isopropyltoluene	13.492	119	716842	18.023	ug/l	100
83) 1,3-Dichlorobenzene	13.486	146	333562	17.448	ug/l	99
84) 1,4-Dichlorobenzene	13.568	146	321175	16.892	ug/l	99
85) n-Butylbenzene	13.815	91	617940	18.210	ug/l	99
86) Hexachloroethane	14.086	117	150271	19.614	ug/l	97
87) 1,2-Dichlorobenzene	13.862	146	338180	17.294	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.480	75	65454	19.017	ug/l	92
89) 1,2,4-Trichlorobenzene	15.127	180	153229	18.787	ug/l	99
90) Hexachlorobutadiene	15.233	225	71004	19.759	ug/l	95
91) Naphthalene	15.362	128	625983	18.294	ug/l	99
92) 1,2,3-Trichlorobenzene	15.556	180	153544	18.776	ug/l	99

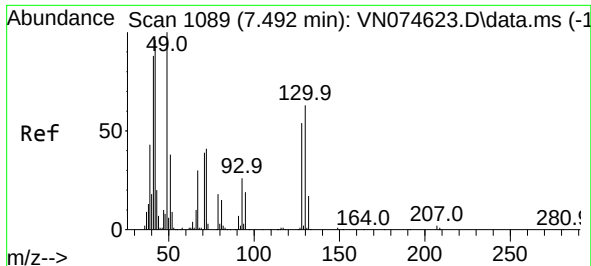
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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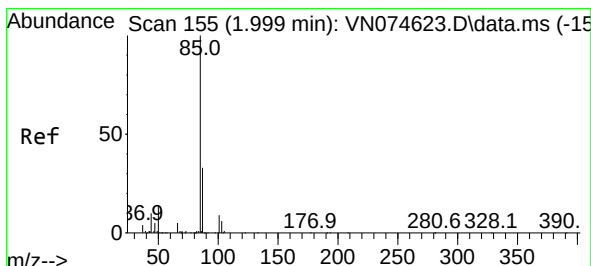
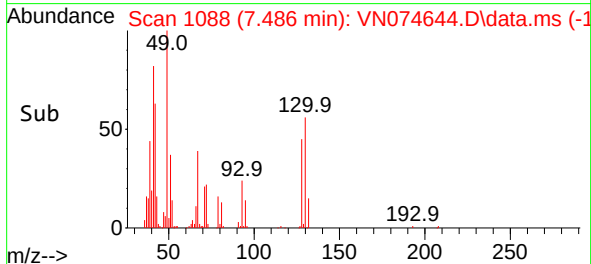
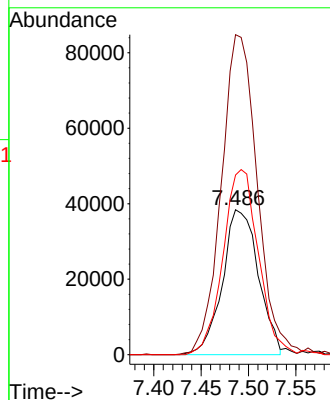
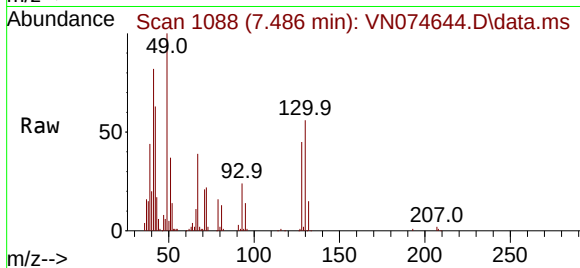




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.486 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN074644.D
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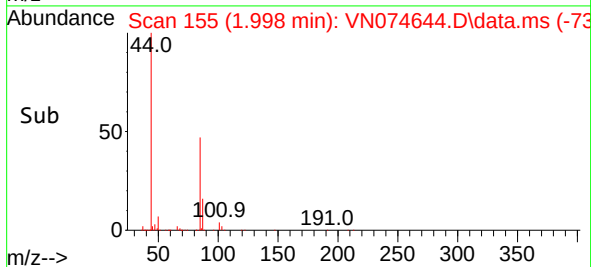
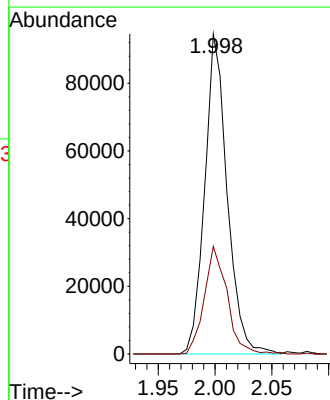
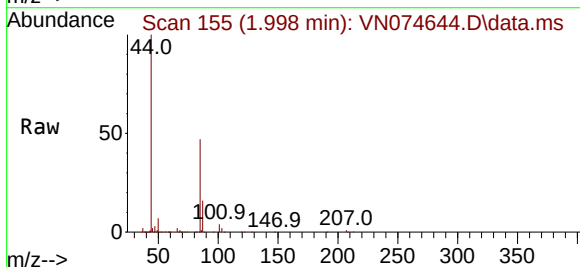
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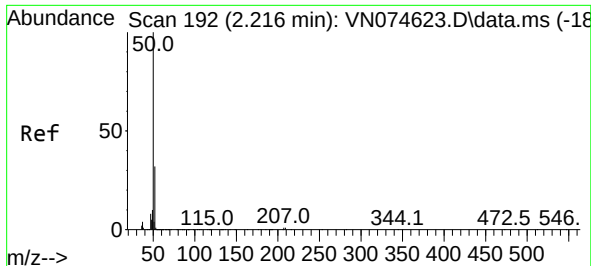
Tgt Ion:128 Resp: 101393
Ion Ratio Lower Upper
128 100
49 220.3 0.0 492.0
130 125.6 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 21.784 ug/l
RT: 1.998 min Scan# 155
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 85 Resp: 129802
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1

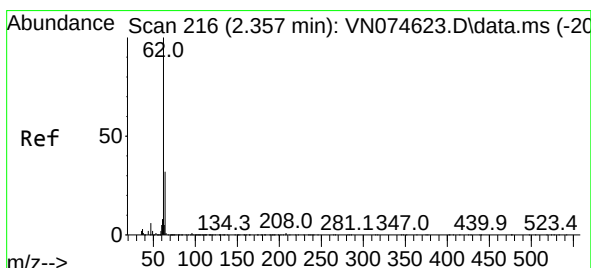
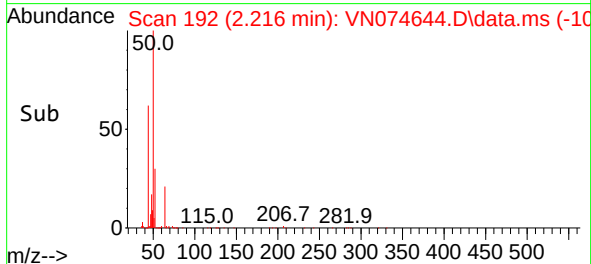
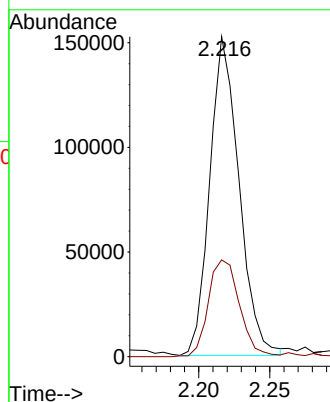
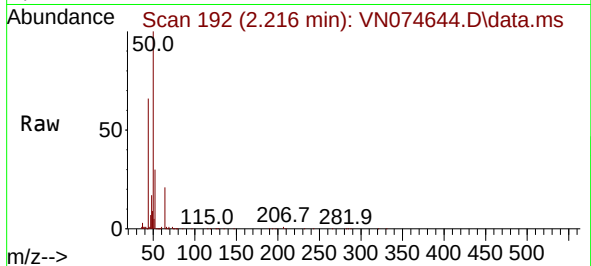




#3
Chloromethane
Concen: 24.947 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

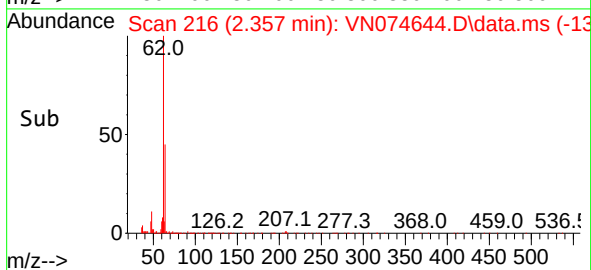
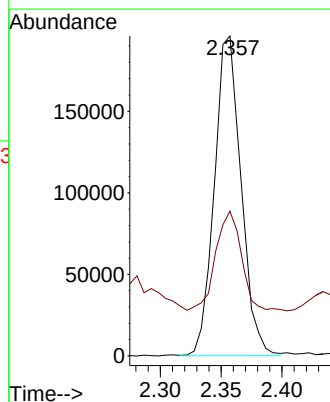
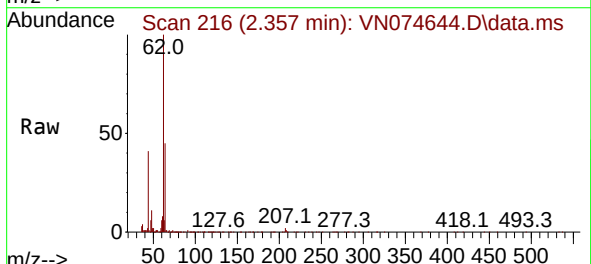
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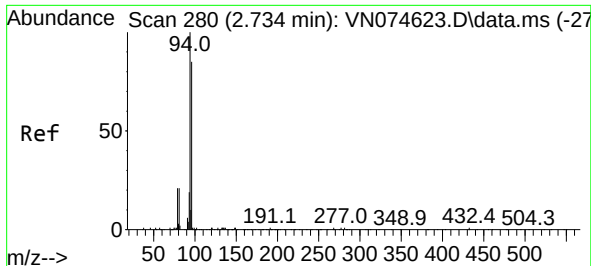
Tgt Ion: 50 Resp: 218294
Ion Ratio Lower Upper
50 100
52 30.1 25.5 38.3



#4
Vinyl Chloride
Concen: 26.746 ug/l
RT: 2.357 min Scan# 216
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 62 Resp: 299625
Ion Ratio Lower Upper
62 100
64 30.8 25.6 38.4

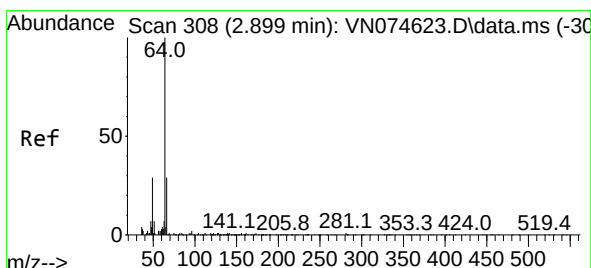
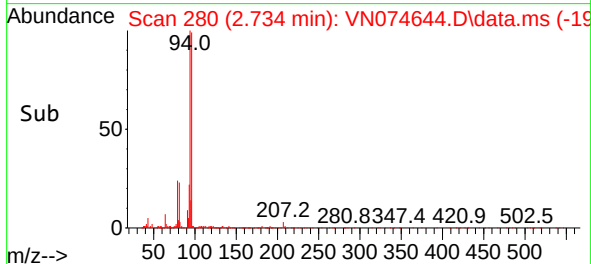
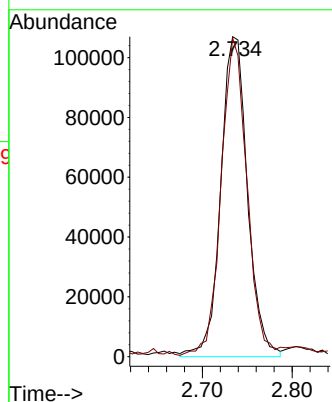
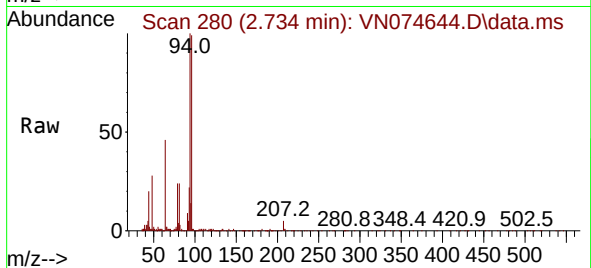




#5
Bromomethane
Concen: 30.704 ug/l
RT: 2.734 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074644.D
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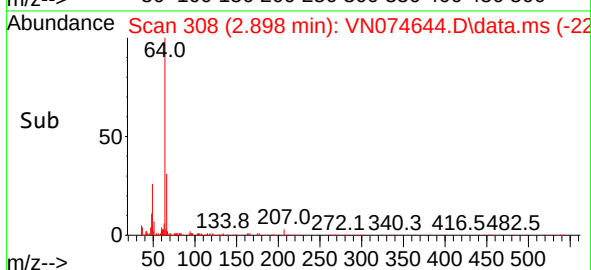
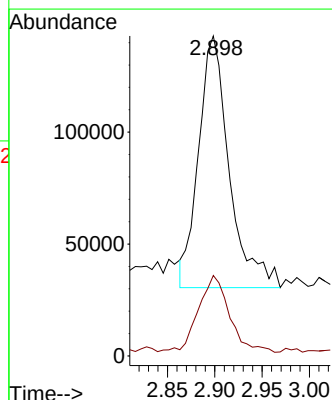
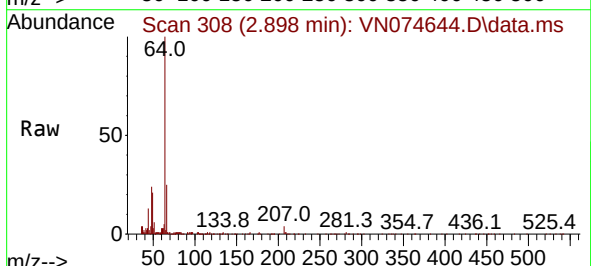
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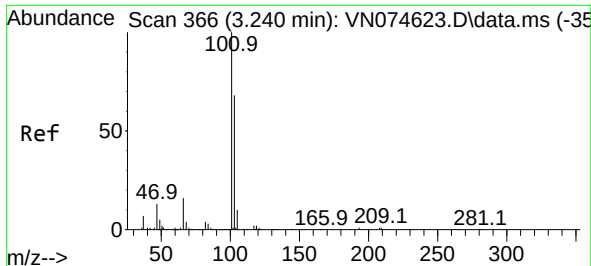
Tgt Ion: 94 Resp: 221699
Ion Ratio Lower Upper
94 100
96 100.0 68.3 102.5



#6
Chloroethane
Concen: 32.054 ug/l
RT: 2.898 min Scan# 308
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 64 Resp: 253818
Ion Ratio Lower Upper
64 100
66 30.4 21.8 32.8

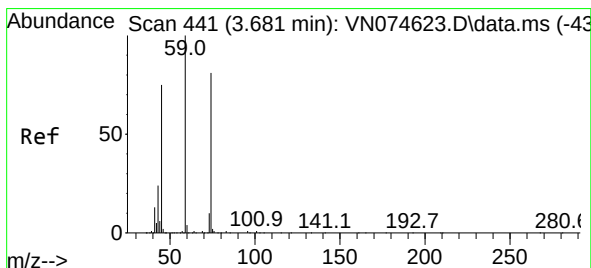
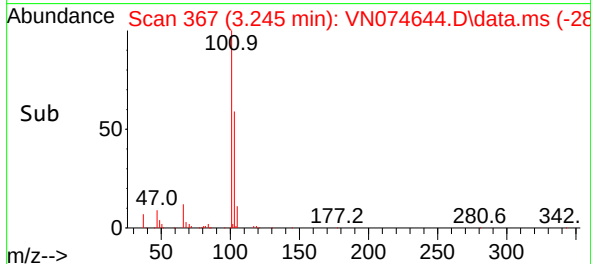
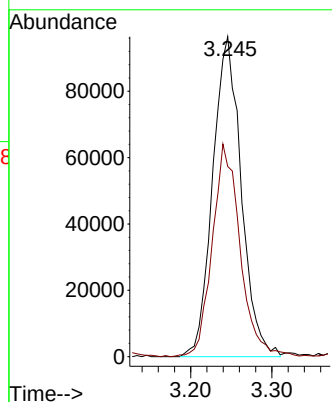
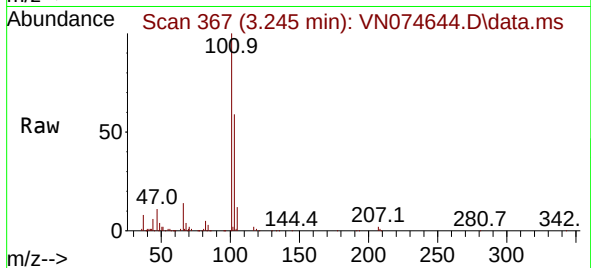




#7
 Trichlorofluoromethane
 Concen: 22.613 ug/l
 RT: 3.245 min Scan# 30
 Delta R.T. 0.006 min
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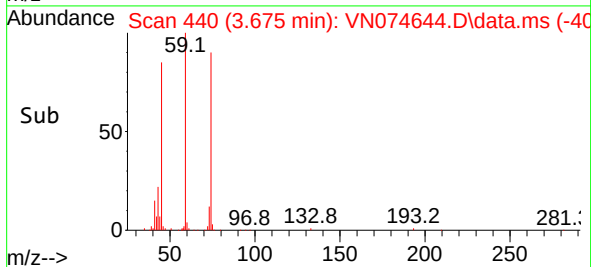
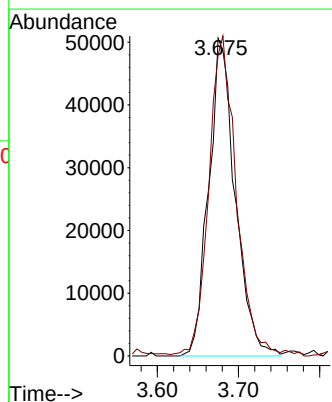
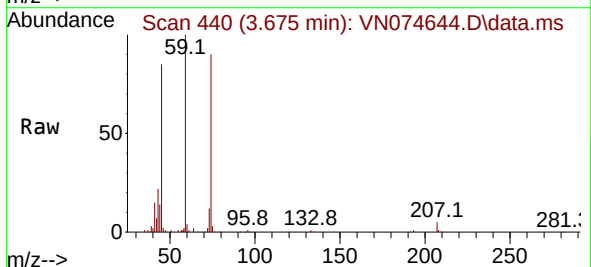
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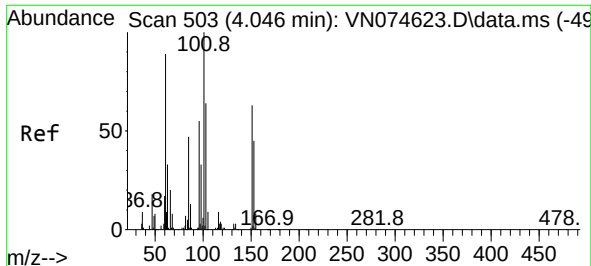
Tgt Ion:101 Resp: 235288
 Ion Ratio Lower Upper
 101 100
 103 58.9 54.8 82.2



#8
 Diethyl Ether
 Concen: 20.973 ug/l
 RT: 3.675 min Scan# 440
 Delta R.T. -0.006 min
 Lab File: VN074644.D
 Acq: 28 Sep 2022 13:07

Tgt Ion: 74 Resp: 115106
 Ion Ratio Lower Upper
 74 100
 45 103.0 19.0 171.0

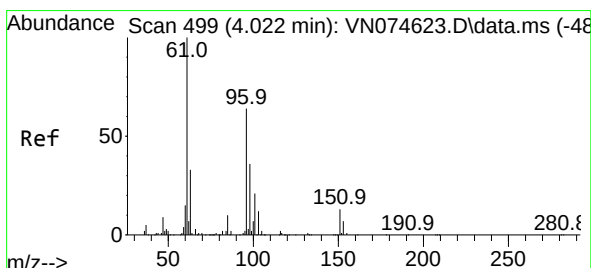
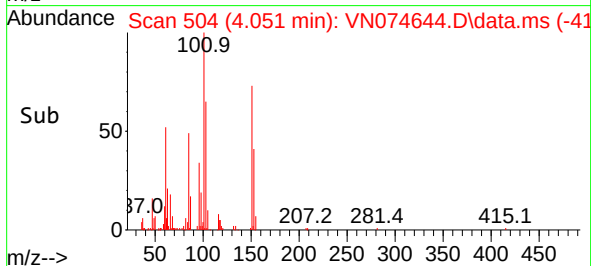
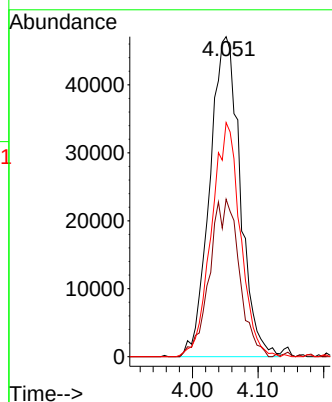
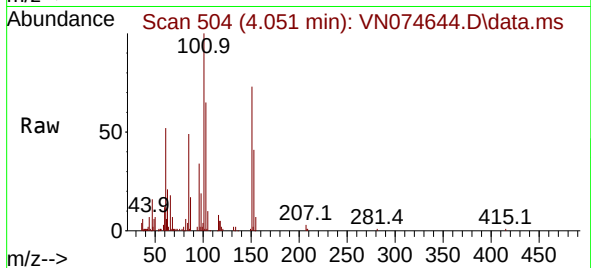




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.757 ug/l
 RT: 4.051 min Scan# 503
 Delta R.T. 0.006 min
 Lab File: VN074644.D
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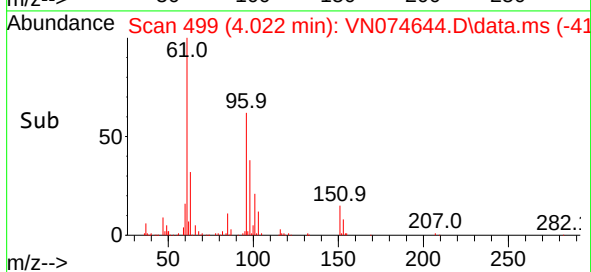
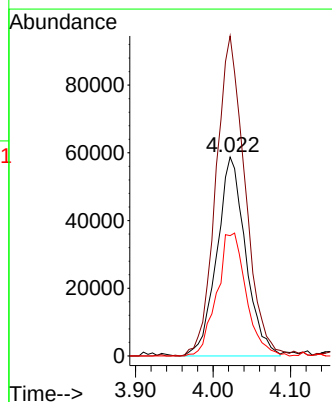
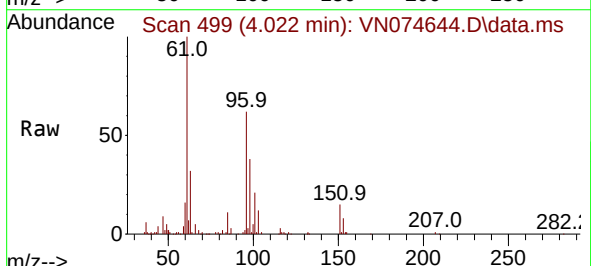
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 ClientSampleId :
 VN0928WBS01

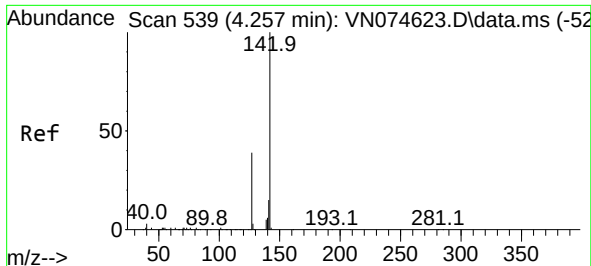
Tgt Ion:101 Resp: 151797
 Ion Ratio Lower Upper
 101 100
 85 23.4 0.0 94.6
 151 69.1 0.0 144.8



#10
 1,1-Dichloroethene
 Concen: 22.015 ug/l
 RT: 4.022 min Scan# 499
 Delta R.T. -0.000 min
 Lab File: VN074644.D
 Acq: 28 Sep 2022 13:07

Tgt Ion: 96 Resp: 151424
 Ion Ratio Lower Upper
 96 100
 61 160.9 125.5 188.3
 98 60.5 45.0 67.4

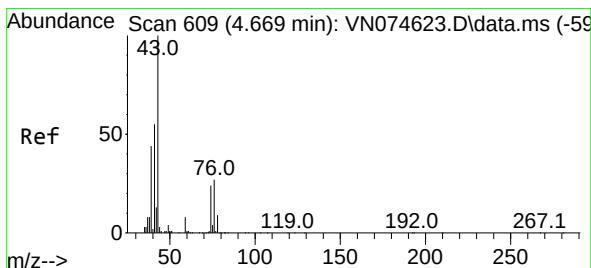
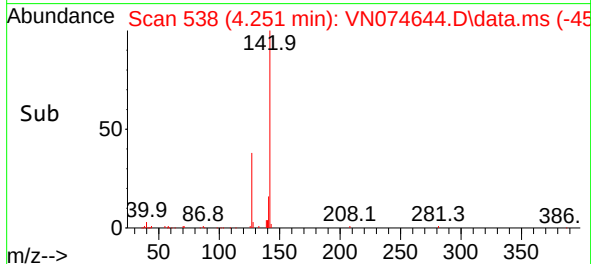
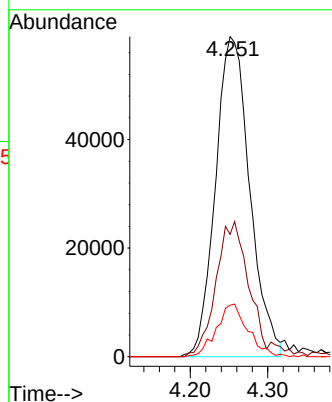
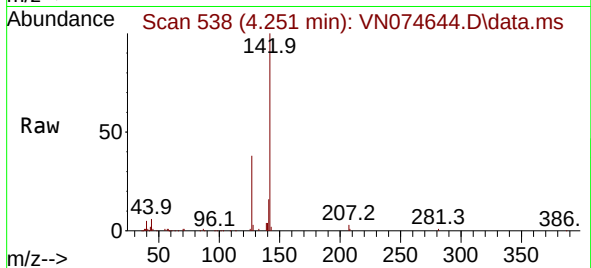




#11
Methyl Iodide
Concen: 20.580 ug/l
RT: 4.251 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

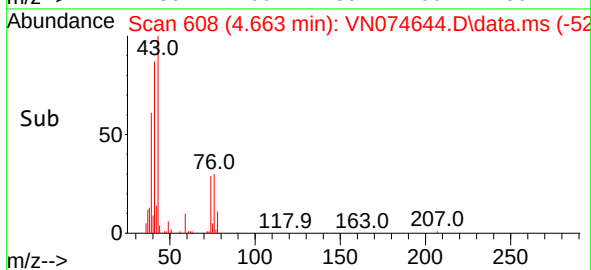
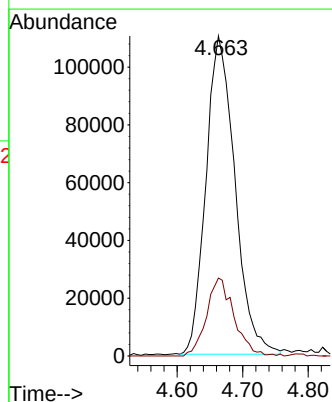
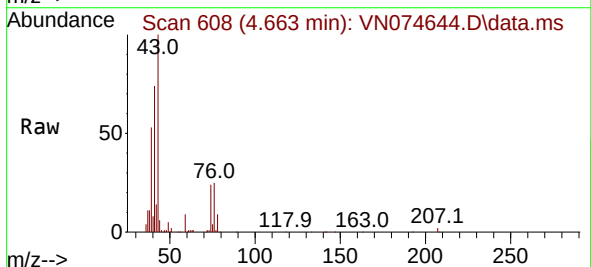
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

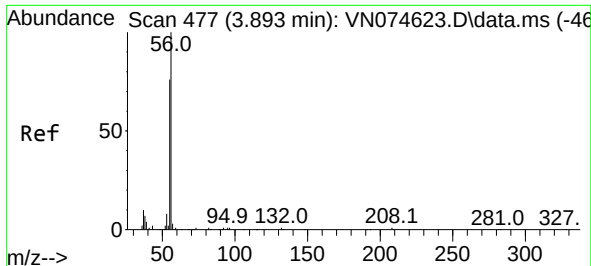
Tgt Ion:142 Resp: 181303
Ion Ratio Lower Upper
142 100
127 37.5 19.3 57.8
141 16.1 7.7 23.1



#12
Methyl Acetate
Concen: 23.005 ug/l
RT: 4.663 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 43 Resp: 338766
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.6

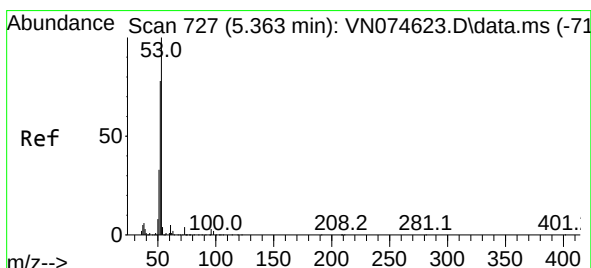
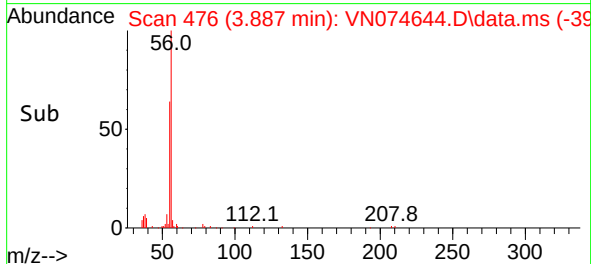
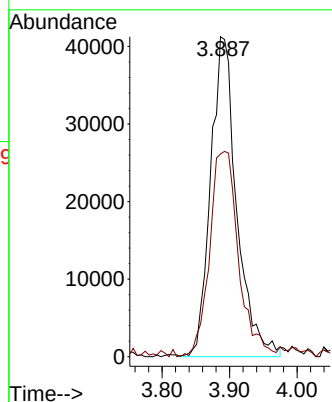
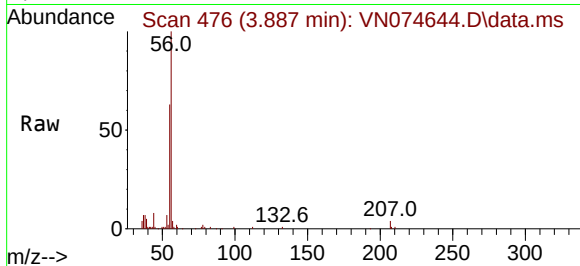




#13
Acrolein
Concen: 92.504 ug/l m
RT: 3.887 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

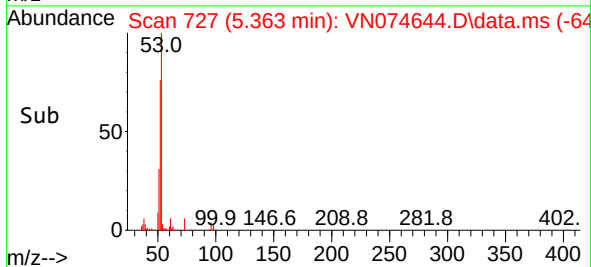
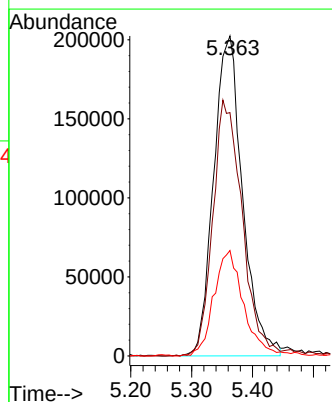
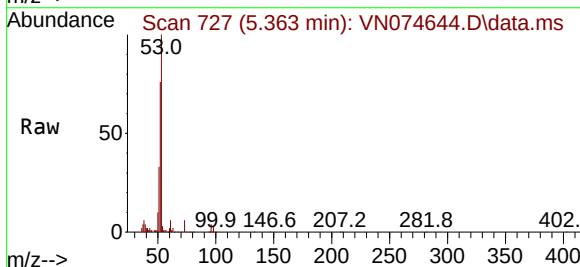
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

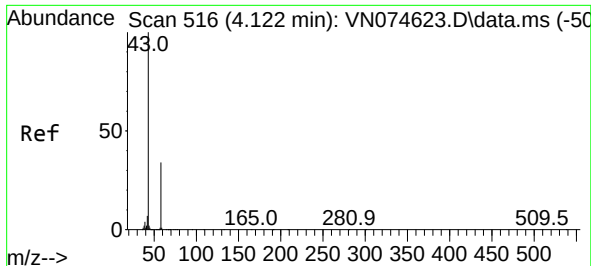
Tgt Ion: 56 Resp: 110873
Ion Ratio Lower Upper
56 100
55 0.4 56.2 84.2#



#14
Acrylonitrile
Concen: 111.746 ug/l
RT: 5.363 min Scan# 727
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 53 Resp: 667003
Ion Ratio Lower Upper
53 100
52 80.2 40.8 122.4
51 33.0 17.0 51.0

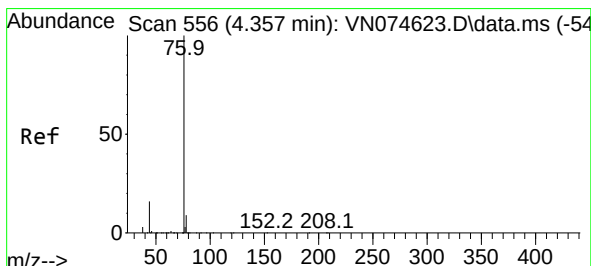
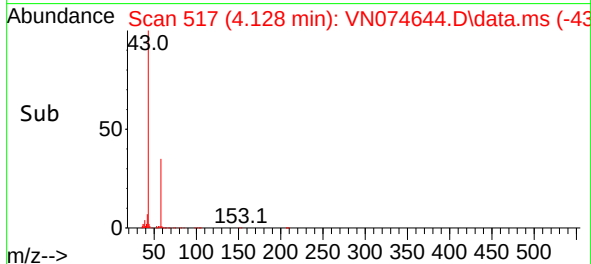
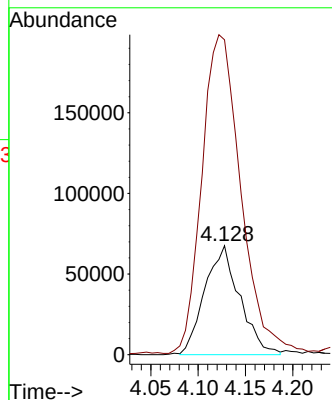
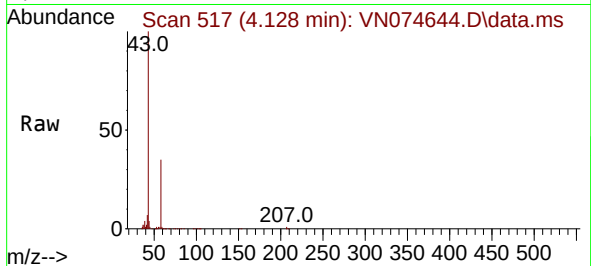




#15
Acetone
Concen: 110.767 ug/l
RT: 4.128 min Scan# 516
Delta R.T. 0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

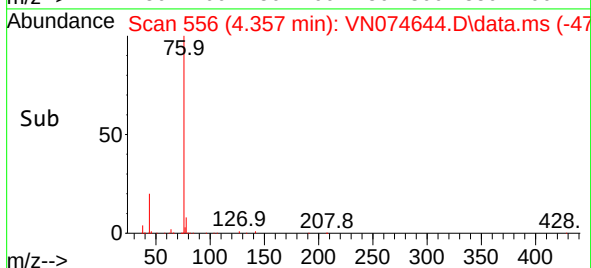
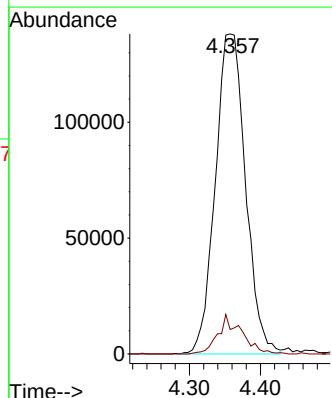
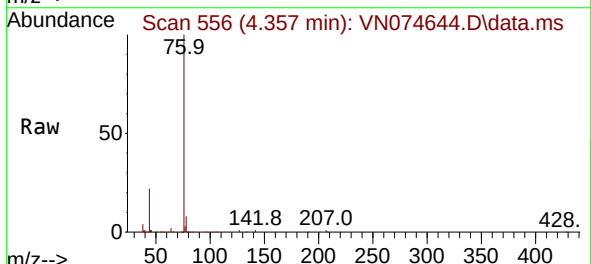
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

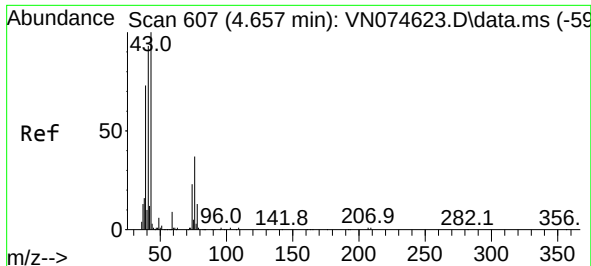
Tgt Ion: 58 Resp: 173654
Ion Ratio Lower Upper
58 100
43 285.2 232.2 348.4



#16
Carbon Disulfide
Concen: 21.114 ug/l
RT: 4.357 min Scan# 556
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 76 Resp: 408133
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8





#17

Allyl chloride

Concen: 22.713 ug/l

RT: 4.657 min Scan# 607

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

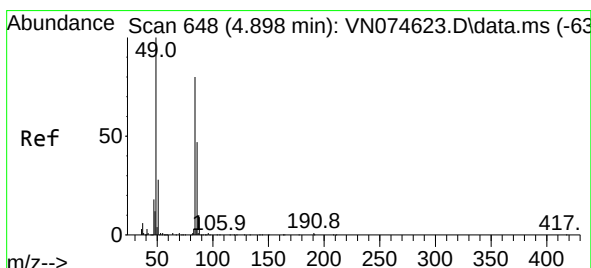
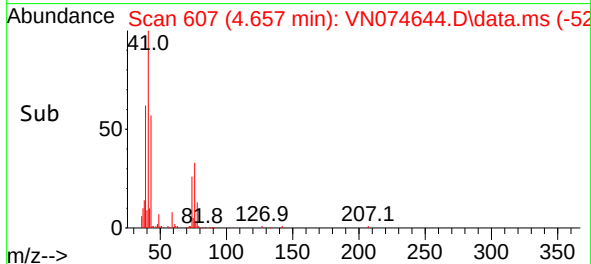
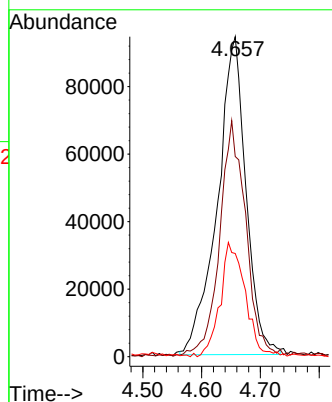
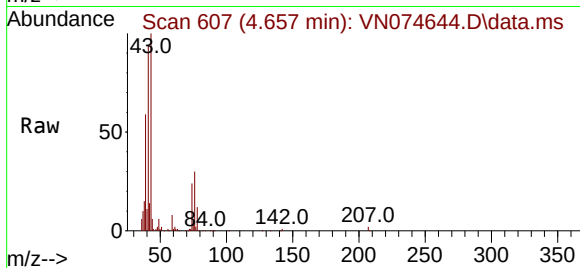
Tgt Ion: 41 Resp: 318572

Ion Ratio Lower Upper

41 100

39 63.1 39.1 117.5

76 32.5 19.8 59.4



#18

Methylene Chloride

Concen: 21.285 ug/l

RT: 4.892 min Scan# 647

Delta R.T. -0.006 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Tgt Ion: 84 Resp: 186635

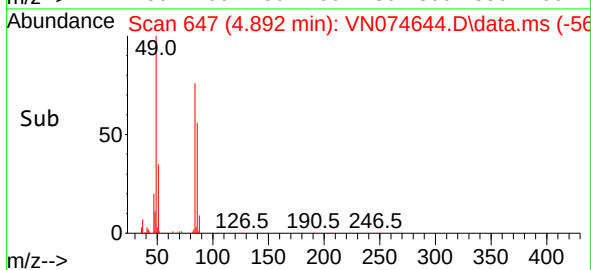
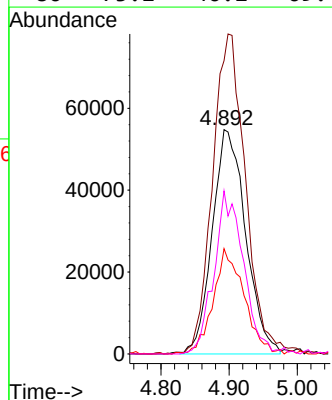
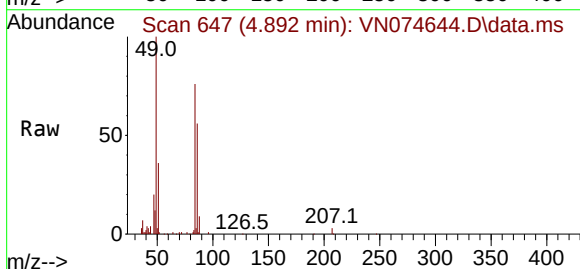
Ion Ratio Lower Upper

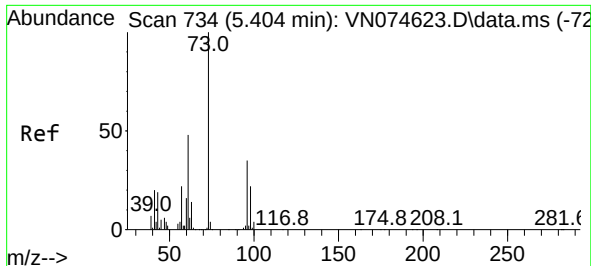
84 100

49 131.0 99.6 149.4

51 46.6 28.2 42.2#

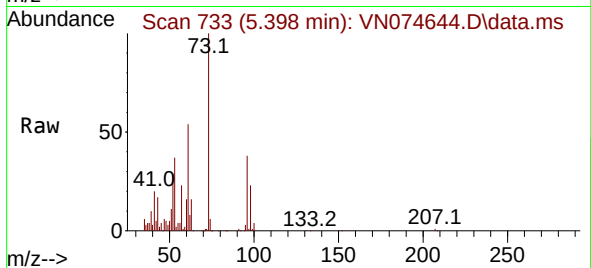
86 73.2 46.2 69.4#



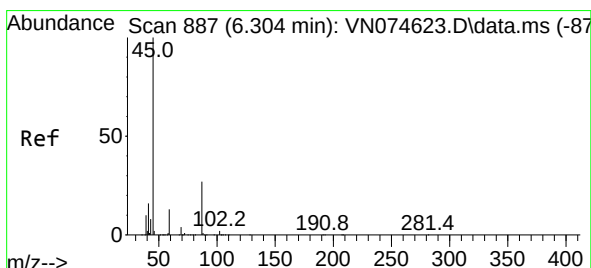
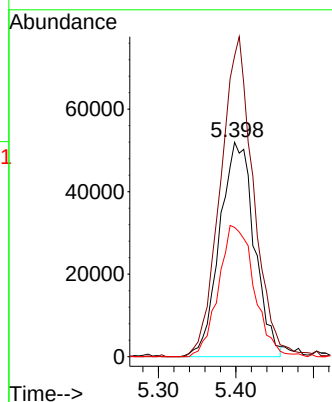
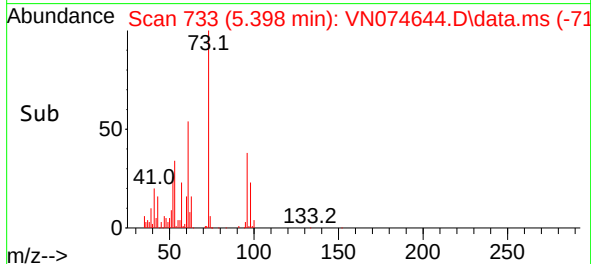


#19
trans-1,2-Dichloroethene
Concen: 20.849 ug/l
RT: 5.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

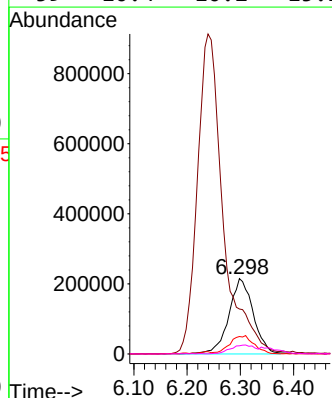
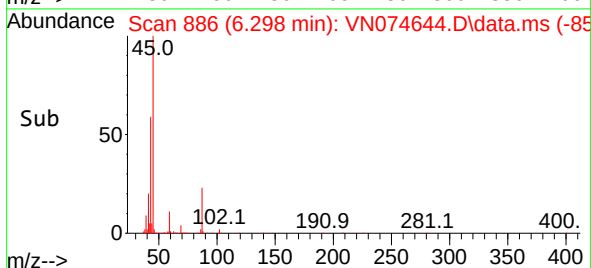
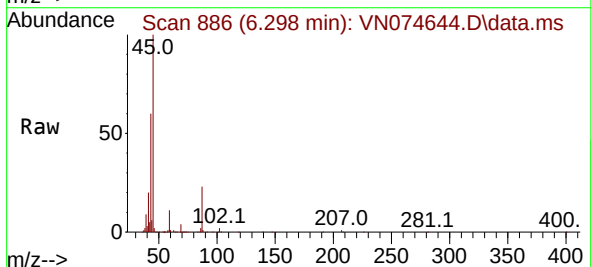


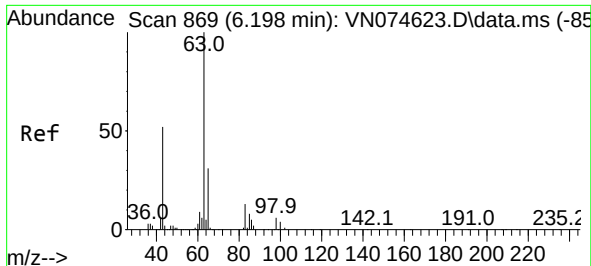
Tgt Ion: 96 Resp: 162069
Ion Ratio Lower Upper
96 100
61 140.2 110.2 165.4
98 60.3 50.0 75.0



#20
Diisopropyl ether
Concen: 22.168 ug/l
RT: 6.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 45 Resp: 680105
Ion Ratio Lower Upper
45 100
43 56.5 47.3 70.9
87 22.9 21.8 32.8
59 10.4 10.2 15.2

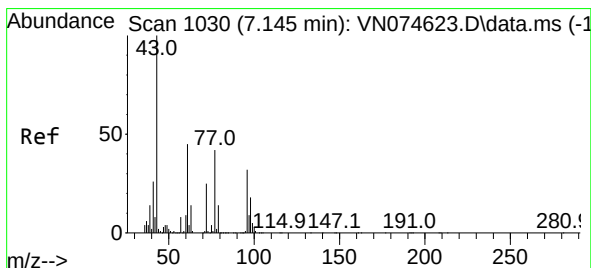
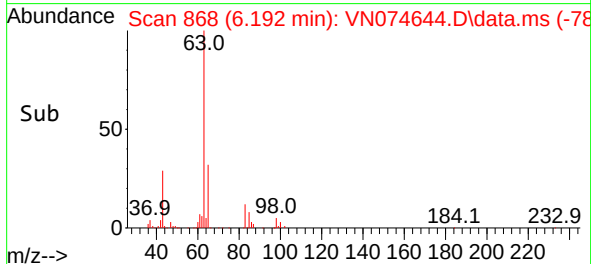
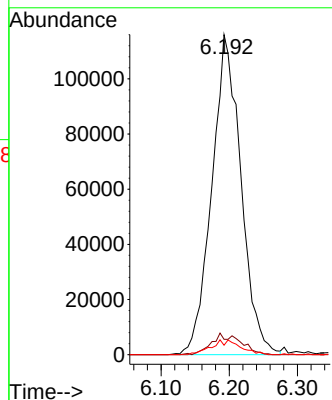
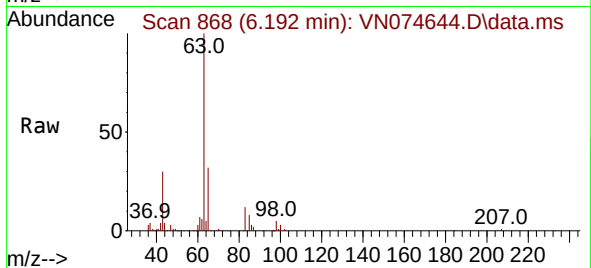




#21
1,1-Dichloroethane
Concen: 22.240 ug/l
RT: 6.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

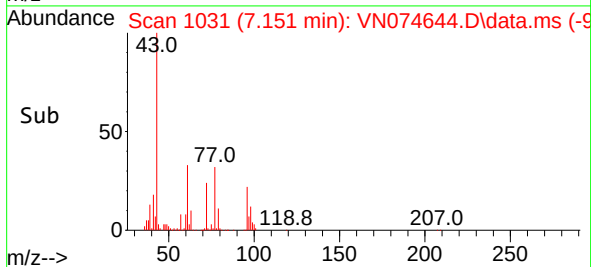
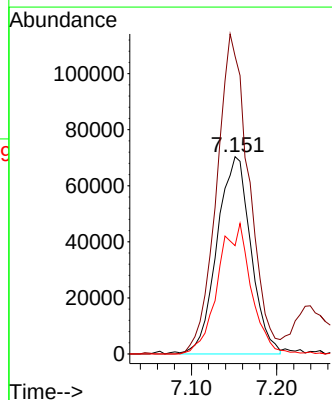
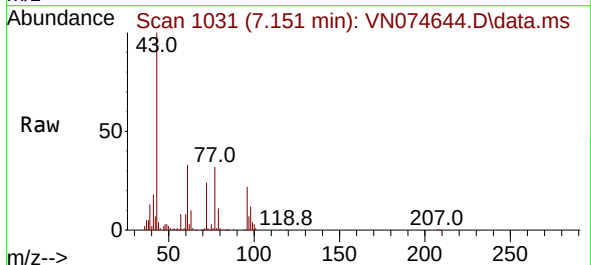
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

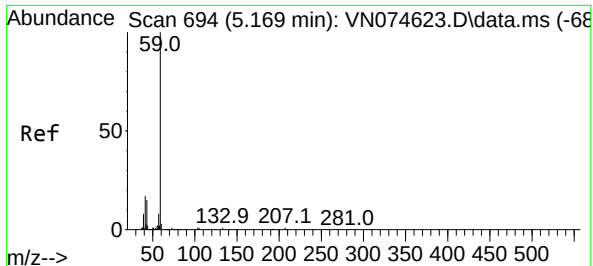
Tgt Ion: 63 Resp: 344583
Ion Ratio Lower Upper
63 100
98 4.8 3.3 9.9
100 3.0 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 20.658 ug/l
RT: 7.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 96 Resp: 193751
Ion Ratio Lower Upper
96 100
61 156.2 118.8 178.2
98 28.0 52.1 78.1#





#23

tert-Butyl Alcohol

Concen: 105.117 ug/l

RT: 5.169 min Scan# 694

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

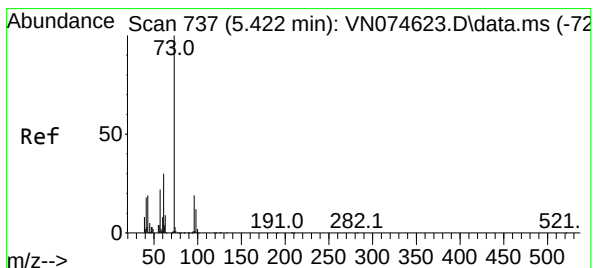
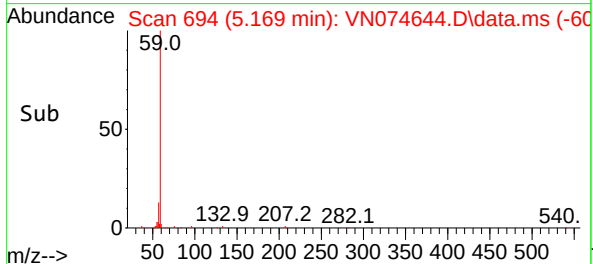
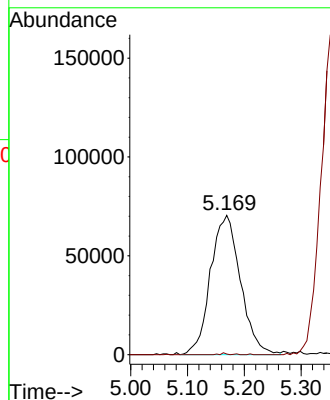
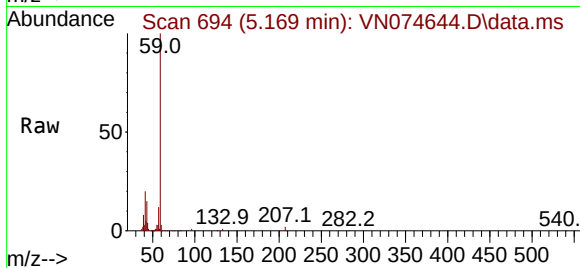
VN0928WBS01

Tgt Ion: 59 Resp: 258357

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.4#



#24

Methyl tert-Butyl Ether

Concen: 21.082 ug/l

RT: 5.416 min Scan# 736

Delta R.T. -0.006 min

Lab File: VN074644.D

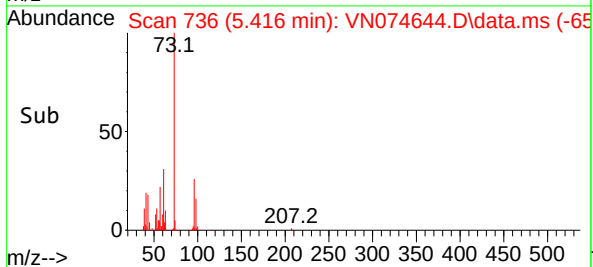
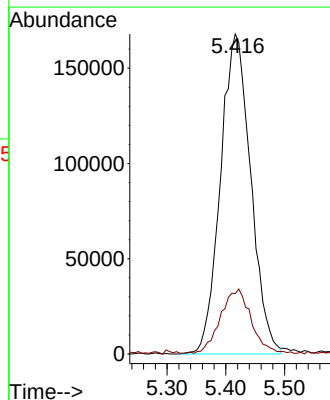
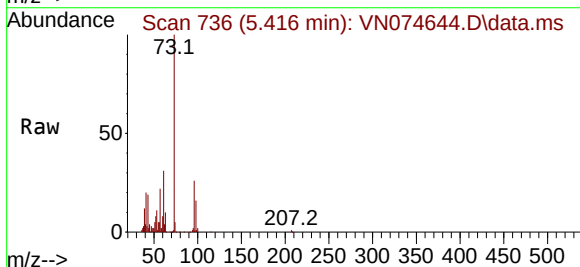
Acq: 28 Sep 2022 13:07

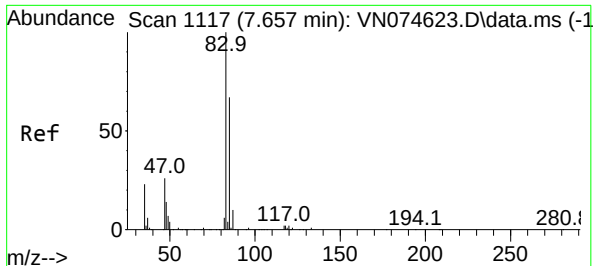
Tgt Ion: 73 Resp: 600840

Ion Ratio Lower Upper

73 100

43 20.0 15.6 23.4





#25

Chloroform

Concen: 21.175 ug/l

RT: 7.657 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

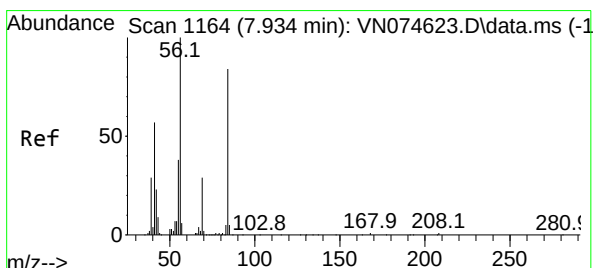
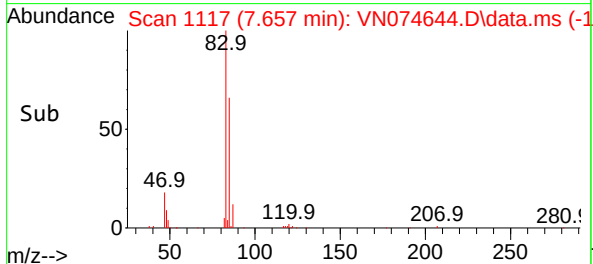
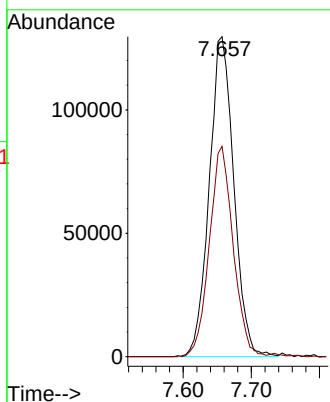
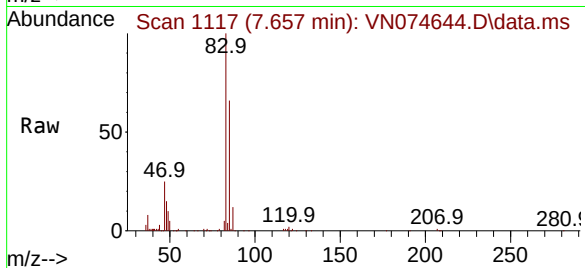
VN0928WBS01

Tgt Ion: 83 Resp: 325240

Ion Ratio Lower Upper

83 100

85 65.4 53.6 80.4



#26

Cyclohexane

Concen: 23.136 ug/l

RT: 7.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

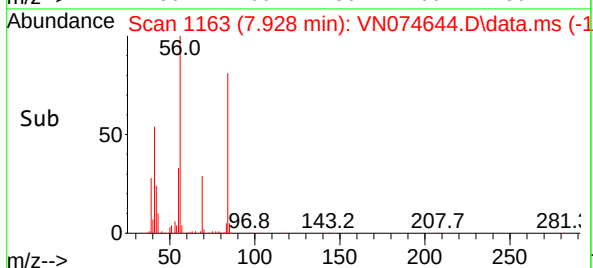
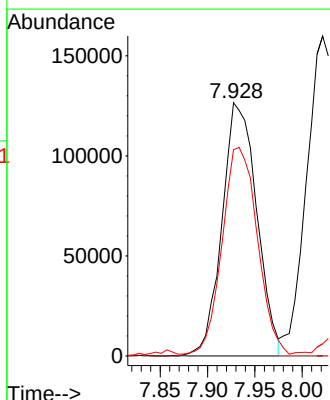
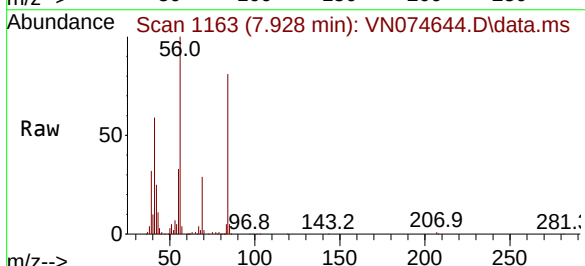
Tgt Ion: 56 Resp: 322346

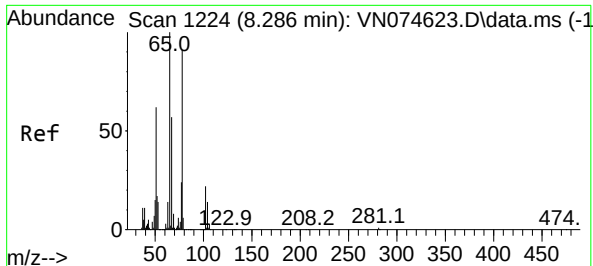
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.4 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 31.768 ug/l

RT: 8.286 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

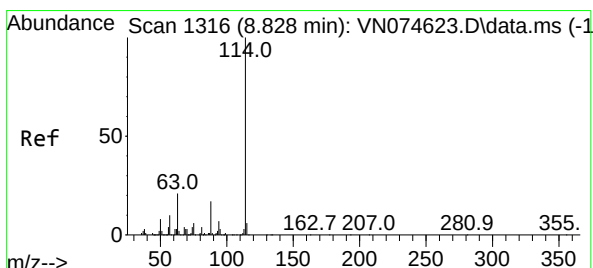
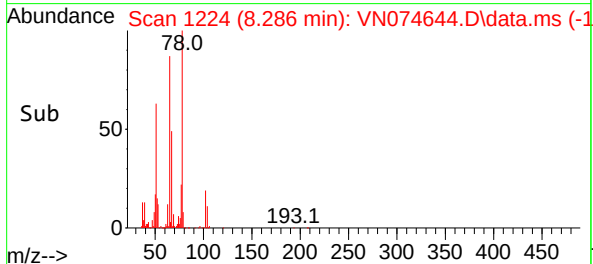
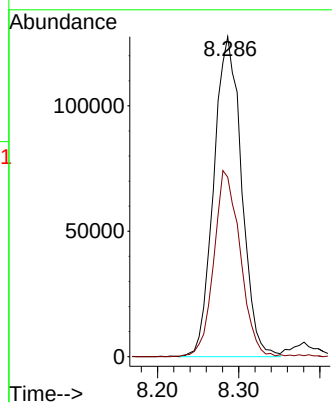
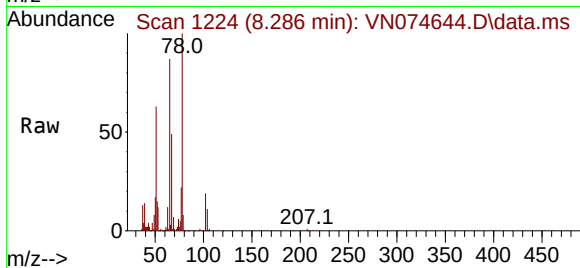
VN0928WBS01

Tgt Ion: 65 Resp: 303717

Ion Ratio Lower Upper

65 100

67 55.0 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.827 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

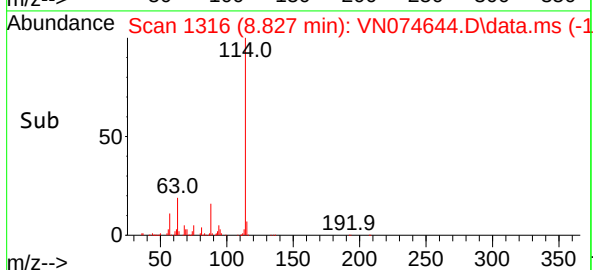
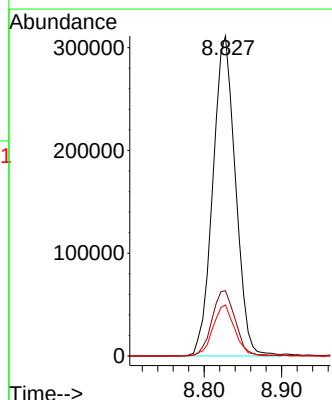
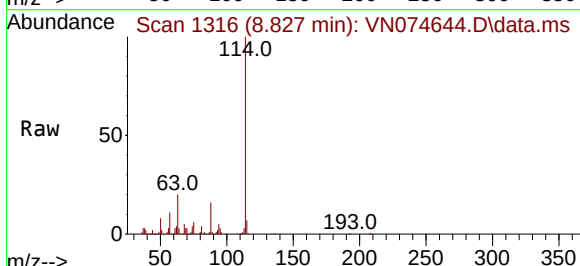
Tgt Ion: 114 Resp: 631899

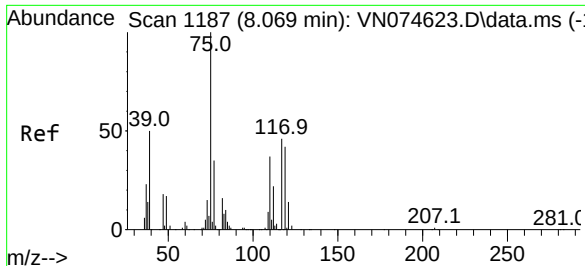
Ion Ratio Lower Upper

114 100

63 20.8 16.6 25.0

88 15.3 12.2 18.4





#29

1,1-Dichloropropene

Concen: 19.616 ug/l

RT: 8.063 min Scan# 1186

Delta R.T. -0.006 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

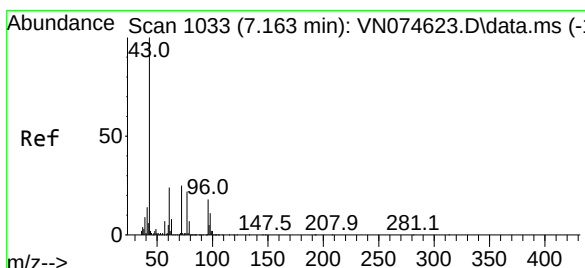
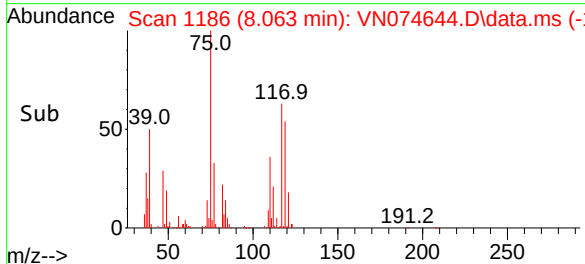
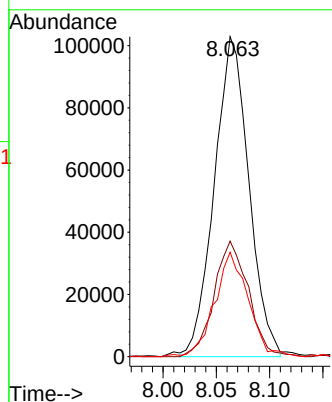
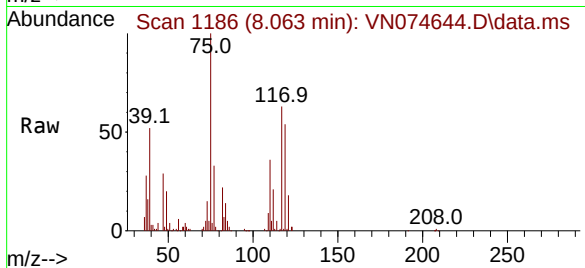
Tgt Ion: 75 Resp: 231524

Ion Ratio Lower Upper

75 100

110 35.9 0.0 72.2

77 30.8 0.0 64.0



#30

2-Butanone

Concen: 104.596 ug/l

RT: 7.163 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

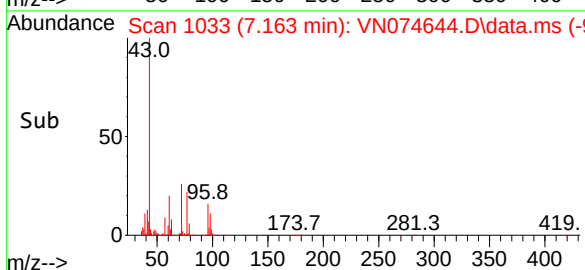
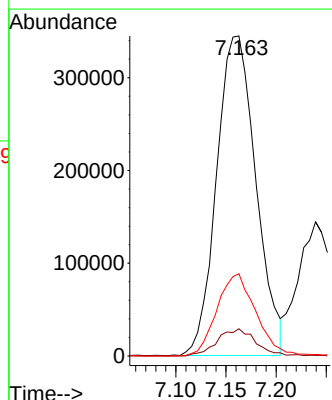
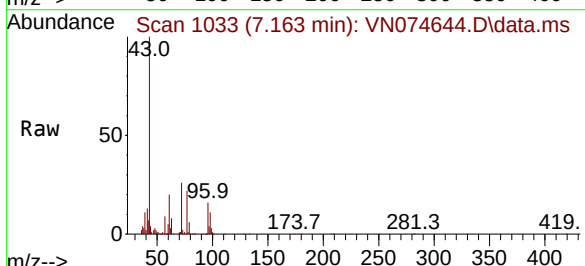
Tgt Ion: 43 Resp: 941853

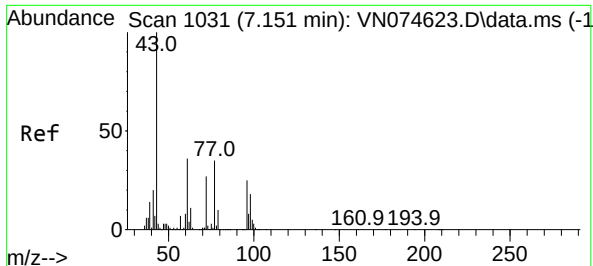
Ion Ratio Lower Upper

43 100

57 8.2 6.3 9.5

72 25.5 21.0 31.4





#31

2,2-Dichloropropane

Concen: 21.248 ug/l

RT: 7.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

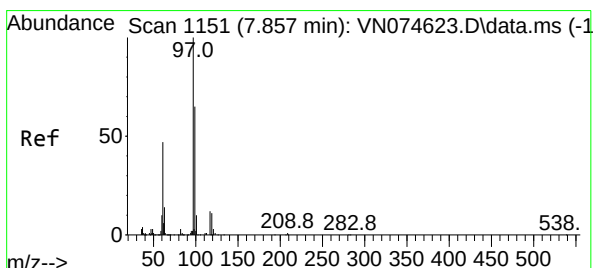
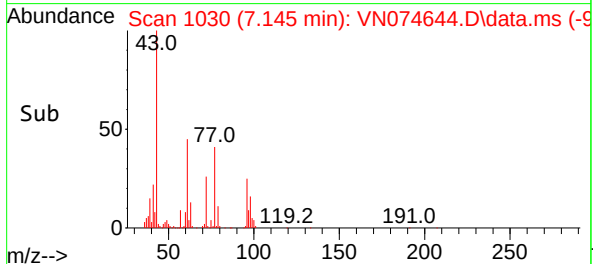
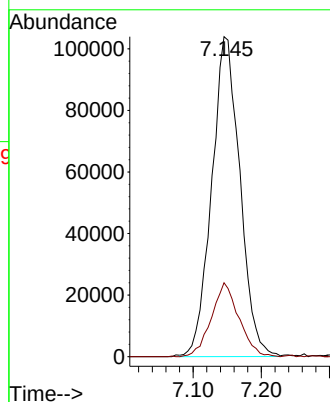
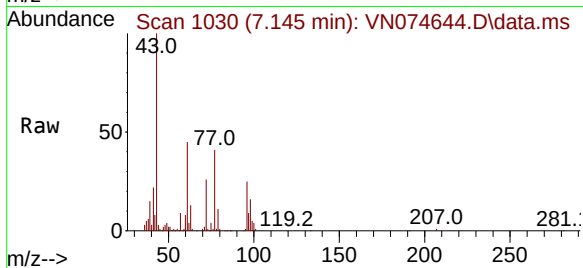
VN0928WBS01

Tgt Ion: 77 Resp: 299371

Ion Ratio Lower Upper

77 100

97 22.6 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 19.961 ug/l

RT: 7.857 min Scan# 1151

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

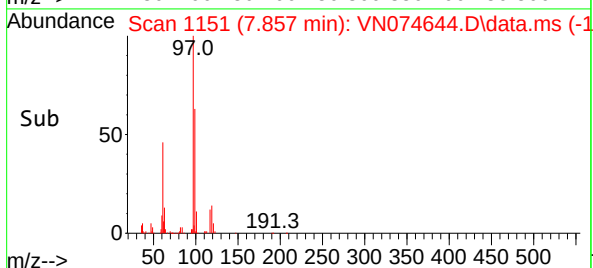
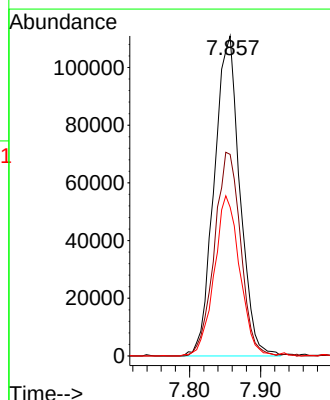
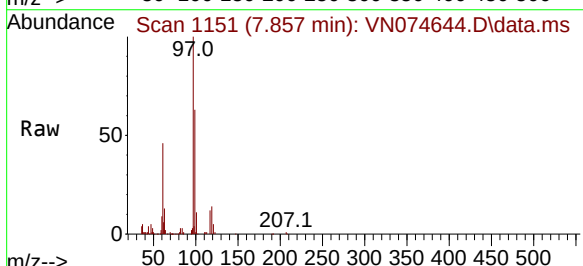
Tgt Ion: 97 Resp: 278307

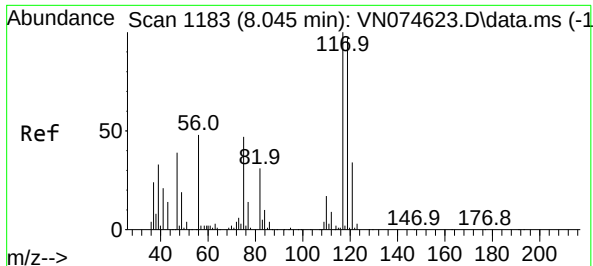
Ion Ratio Lower Upper

97 100

99 64.9 50.0 75.0

61 49.7 36.1 54.1

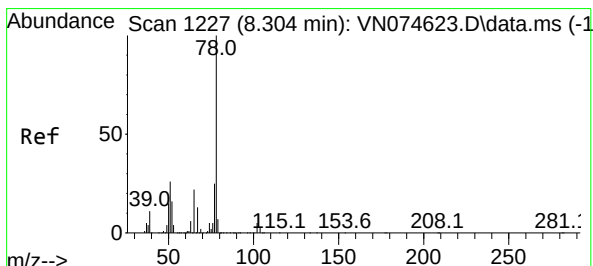
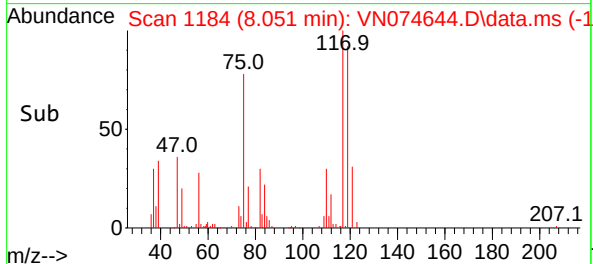
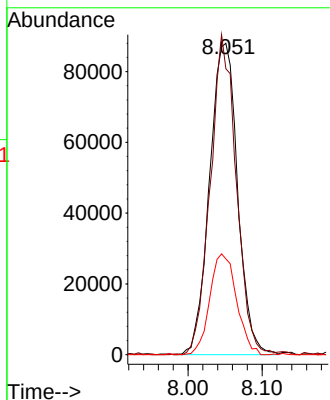
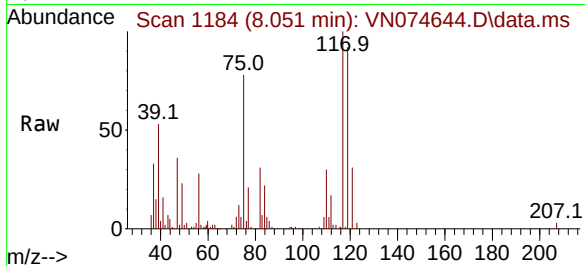




#33
Carbon Tetrachloride
Concen: 19.815 ug/l
RT: 8.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

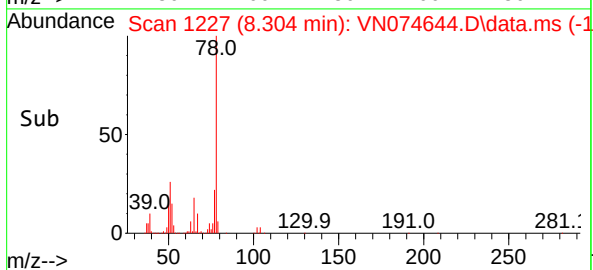
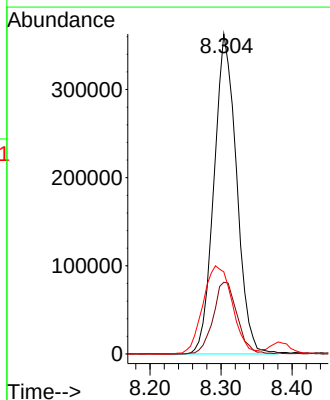
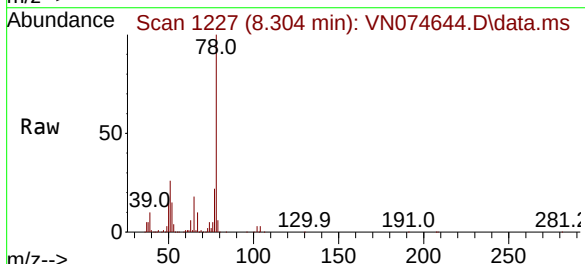
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

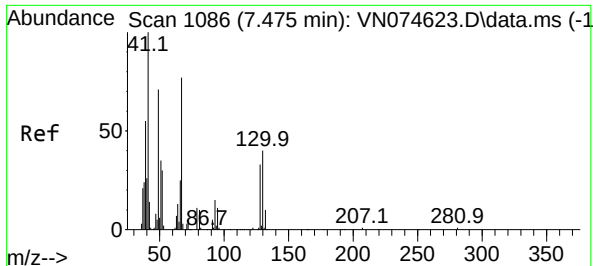
Tgt Ion:117 Resp: 231073
Ion Ratio Lower Upper
117 100
119 91.6 77.8 116.6
121 30.8 27.6 41.4



#34
Benzene
Concen: 20.444 ug/l
RT: 8.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 78 Resp: 798766
Ion Ratio Lower Upper
78 100
77 22.4 19.9 29.9
51 25.4 21.1 31.7





#35

Methacrylonitrile

Concen: 21.039 ug/l

RT: 7.475 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

Tgt Ion: 41 Resp: 180243

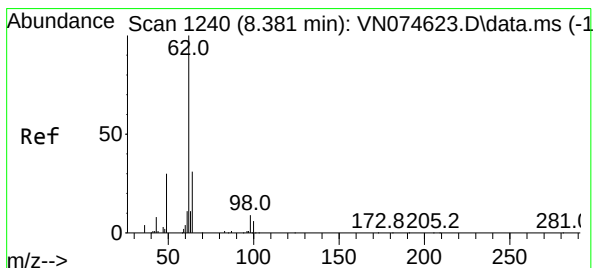
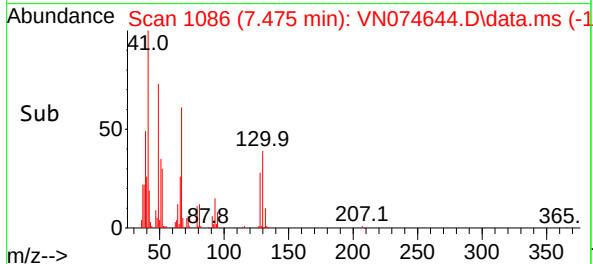
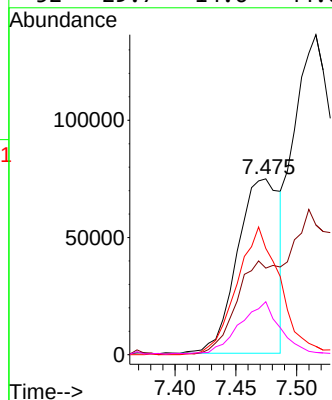
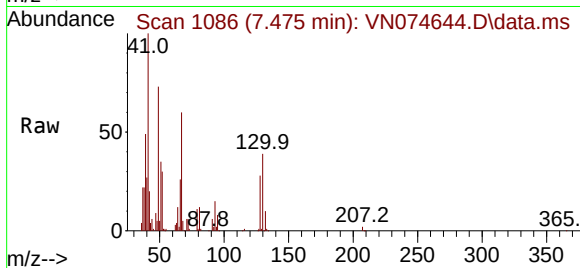
Ion Ratio Lower Upper

41 100

39 49.5 27.7 83.1

67 60.7 38.0 113.9

52 29.7 14.6 44.0



#36

1,2-Dichloroethane

Concen: 19.529 ug/l

RT: 8.380 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VN074644.D

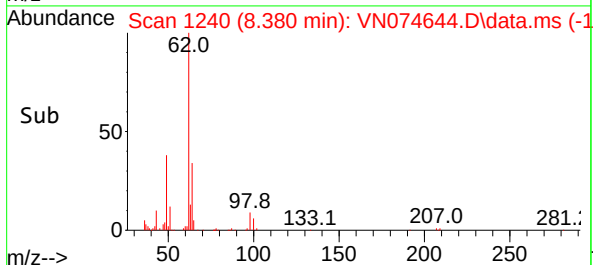
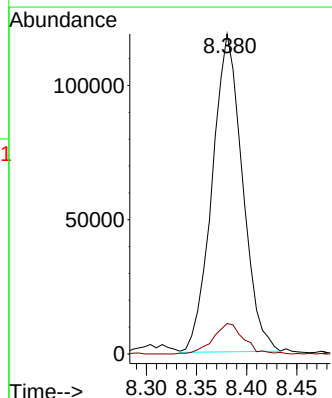
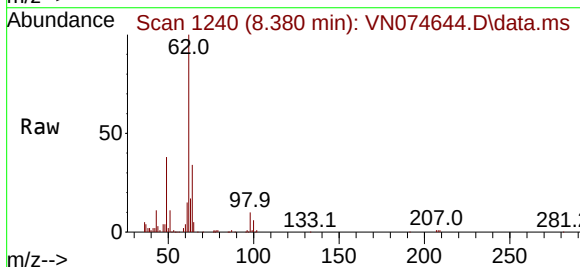
Acq: 28 Sep 2022 13:07

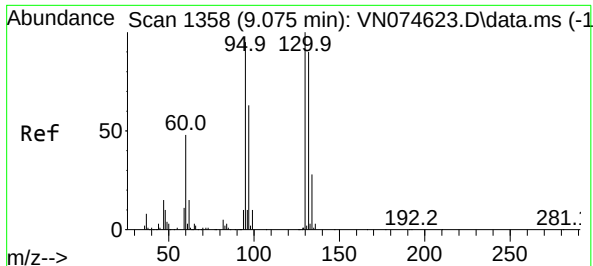
Tgt Ion: 62 Resp: 249164

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.2





#37

Trichloroethene

Concen: 19.951 ug/l

RT: 9.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

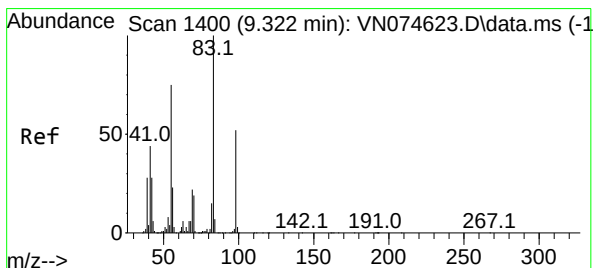
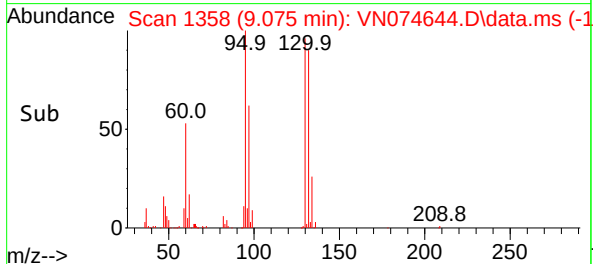
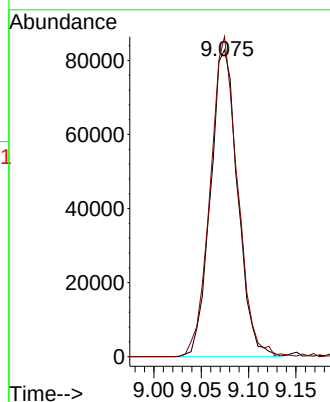
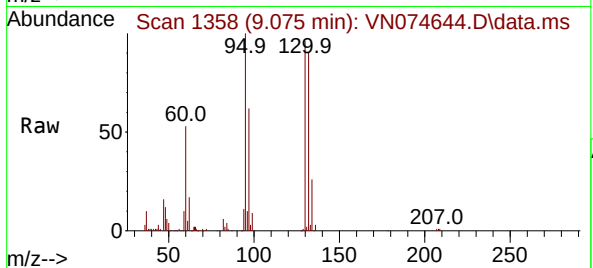
VN0928WBS01

Tgt Ion:130 Resp: 165527

Ion Ratio Lower Upper

130 100

95 104.1 75.9 113.9



#38

Methylcyclohexane

Concen: 20.307 ug/l

RT: 9.322 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

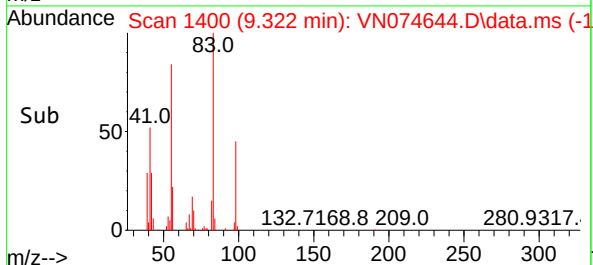
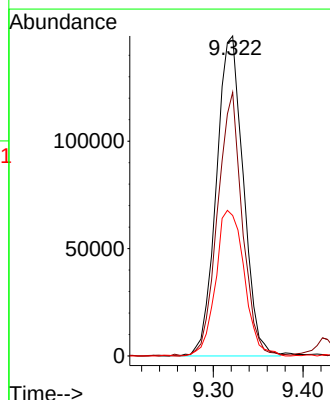
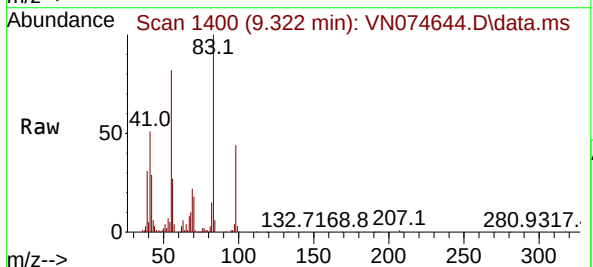
Tgt Ion: 83 Resp: 310209

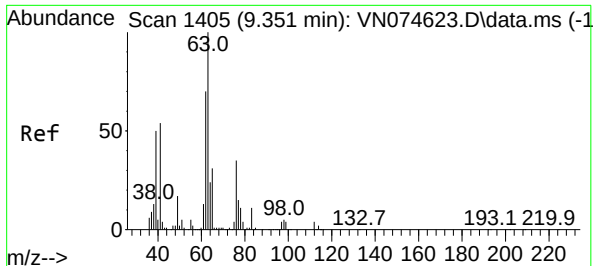
Ion Ratio Lower Upper

83 100

55 75.8 37.4 112.2

98 48.5 24.5 73.5





#39

1,2-Dichloropropane

Concen: 20.830 ug/l

RT: 9.351 min Scan# 1405

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

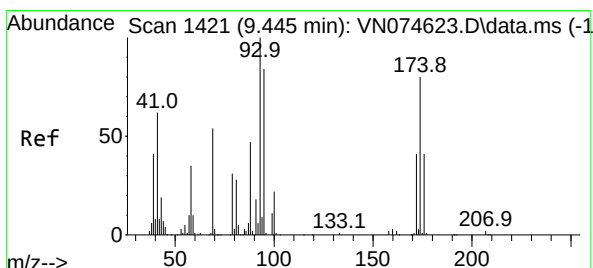
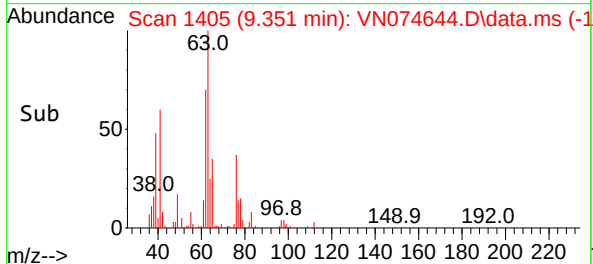
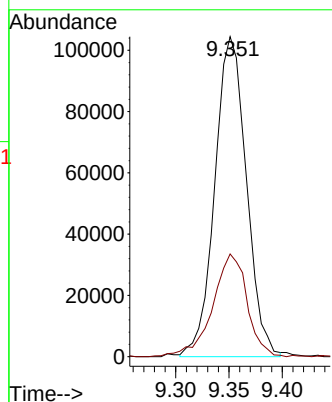
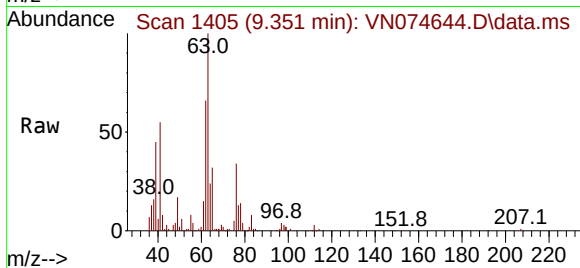
VN0928WBS01

Tgt Ion: 63 Resp: 215479

Ion Ratio Lower Upper

63 100

65 31.8 25.0 37.6



#40

Dibromomethane

Concen: 19.378 ug/l

RT: 9.439 min Scan# 1420

Delta R.T. -0.006 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

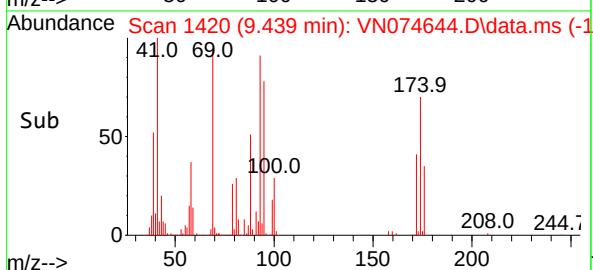
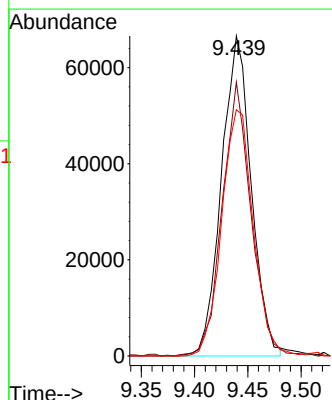
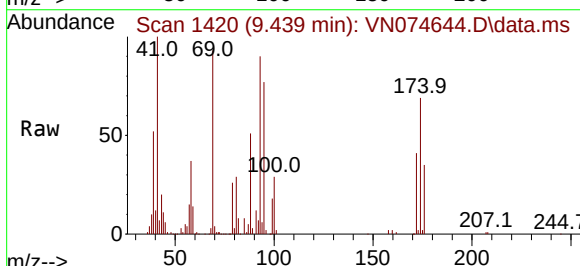
Tgt Ion: 93 Resp: 129345

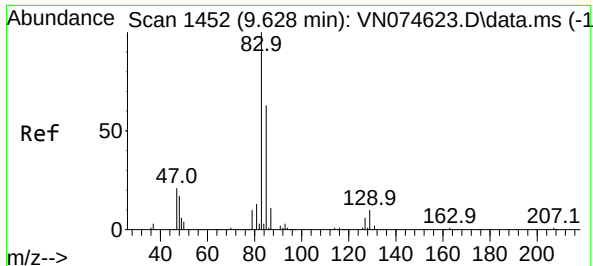
Ion Ratio Lower Upper

93 100

95 82.9 0.0 168.0

174 81.5 0.0 158.4

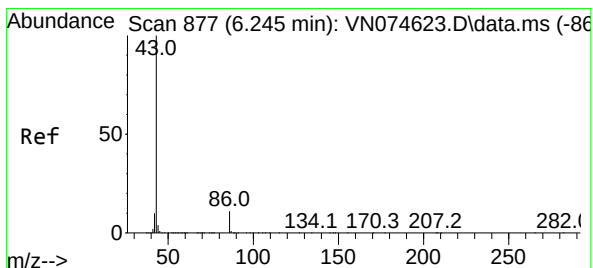
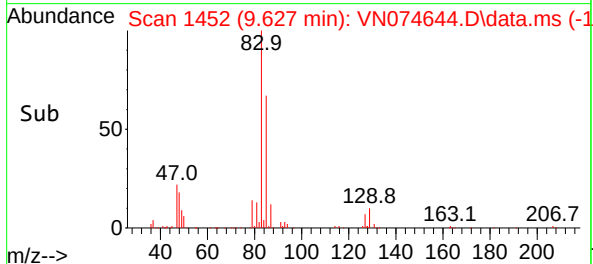
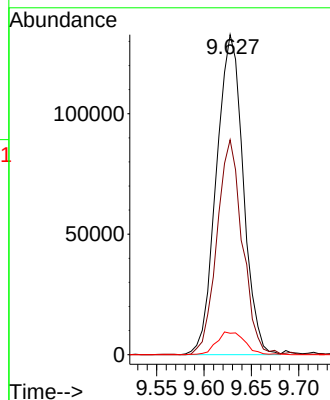
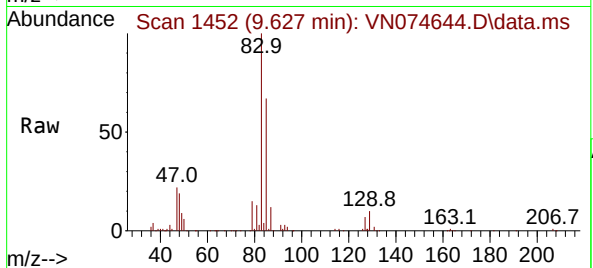




#41
Bromodichloromethane
Concen: 19.743 ug/l
RT: 9.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

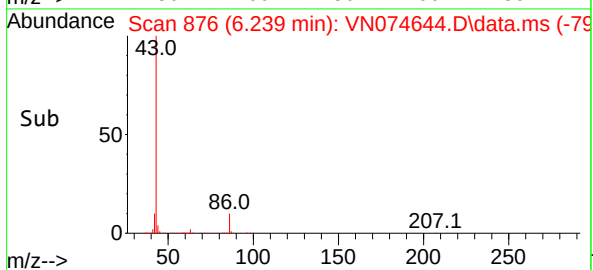
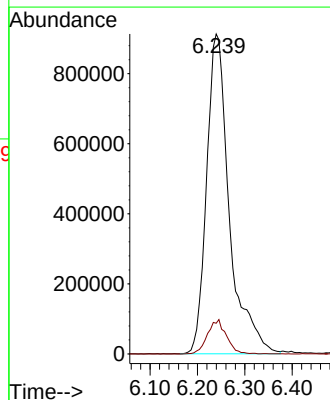
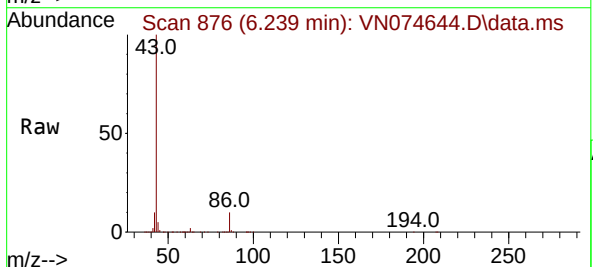
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

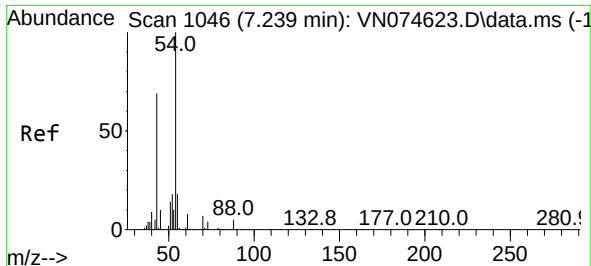
Tgt Ion: 83 Resp: 261966
Ion Ratio Lower Upper
83 100
85 67.2 50.2 75.4
127 7.4 5.1 7.7



#42
Vinyl Acetate
Concen: 104.277 ug/l
RT: 6.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 43 Resp: 3052224
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





#43

Ethyl Acetate

Concen: 22.070 ug/l

RT: 7.239 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

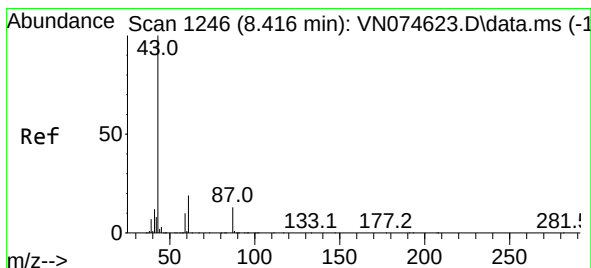
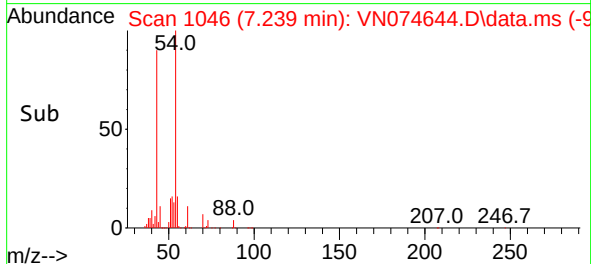
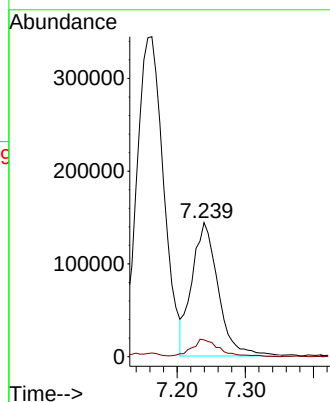
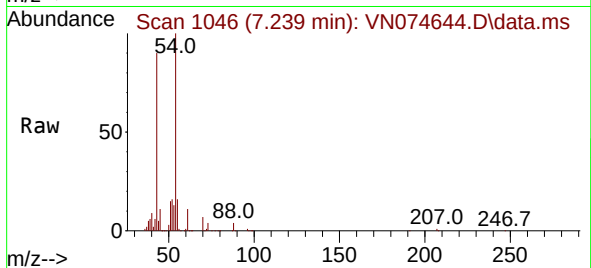
VN0928WBS01

Tgt Ion: 43 Resp: 384897

Ion Ratio Lower Upper

43 100

45 11.9 11.5 17.3



#44

Isopropyl Acetate

Concen: 21.582 ug/l

RT: 8.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VN074644.D

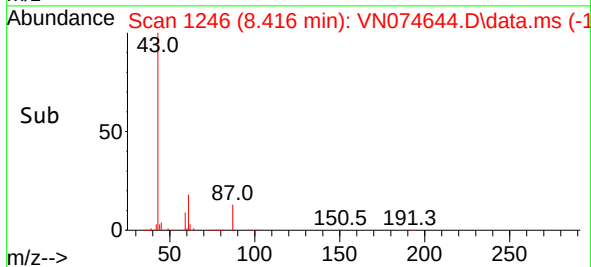
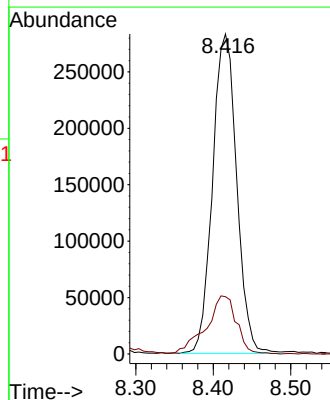
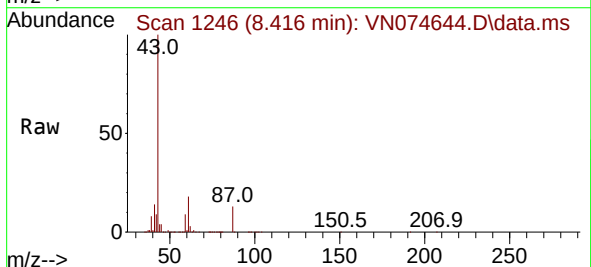
Acq: 28 Sep 2022 13:07

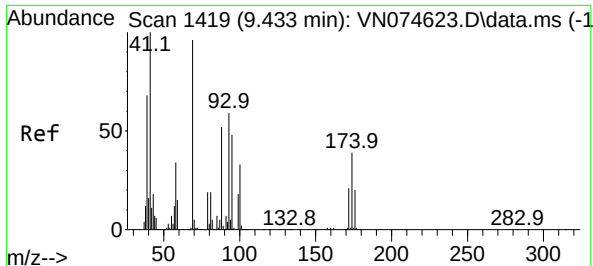
Tgt Ion: 43 Resp: 611210

Ion Ratio Lower Upper

43 100

61 23.0 19.5 29.3





#45

1,4-Dioxane

Concen: 403.519 ug/l

RT: 9.433 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

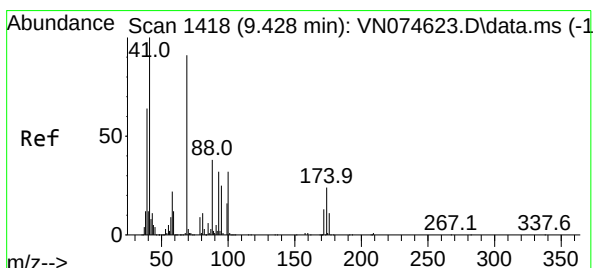
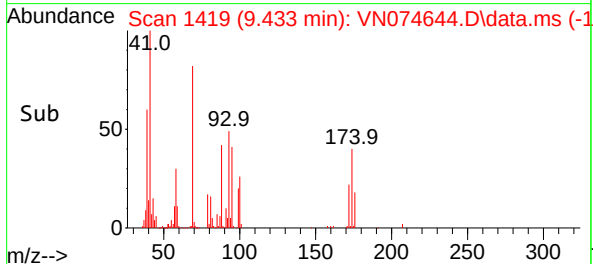
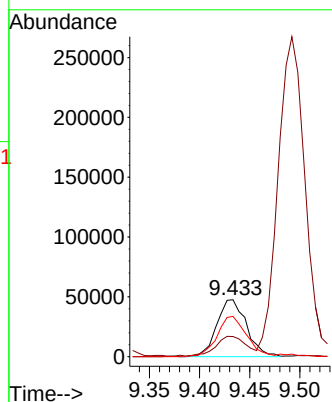
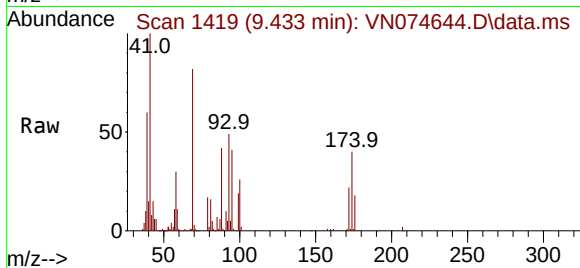
Tgt Ion: 88 Resp: 97522

Ion Ratio Lower Upper

88 100

43 35.1 25.7 38.5

58 70.1 53.4 80.2



#46

Methyl methacrylate

Concen: 20.712 ug/l

RT: 9.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

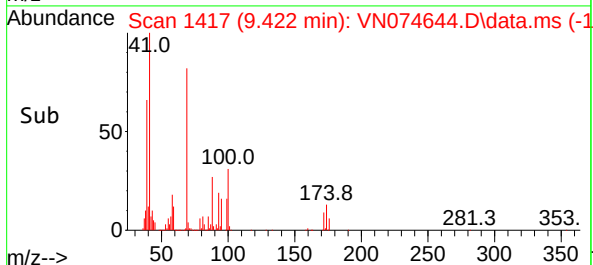
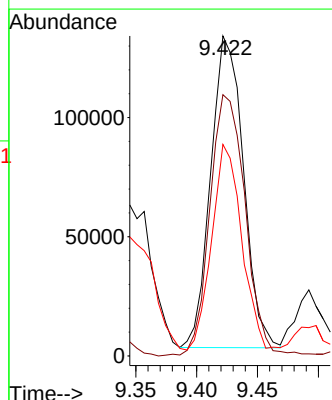
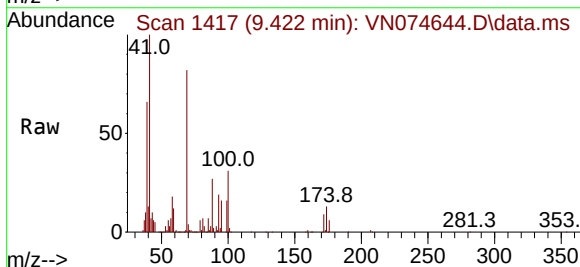
Tgt Ion: 41 Resp: 244316

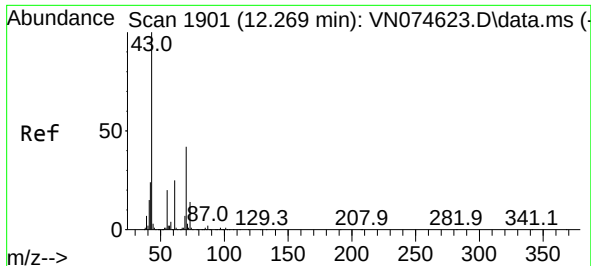
Ion Ratio Lower Upper

41 100

69 83.4 45.6 136.7

39 65.5 32.3 96.9

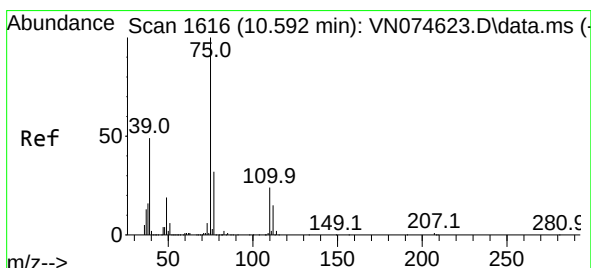
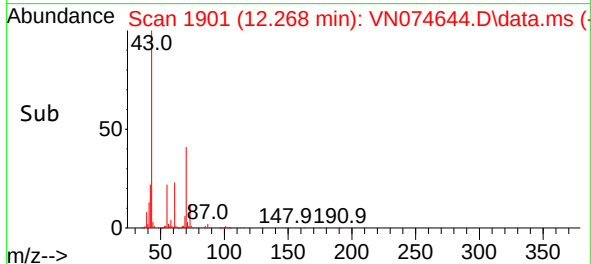
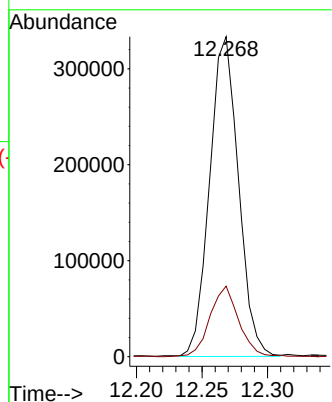
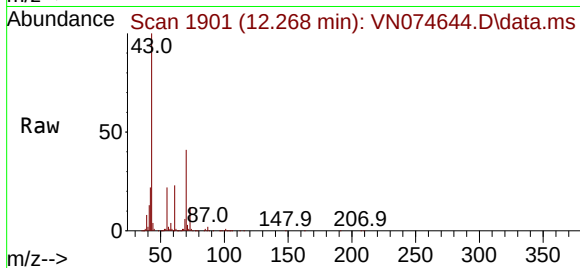




#47
n-amy1 Acetate
Concen: 19.666 ug/l
RT: 12.268 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

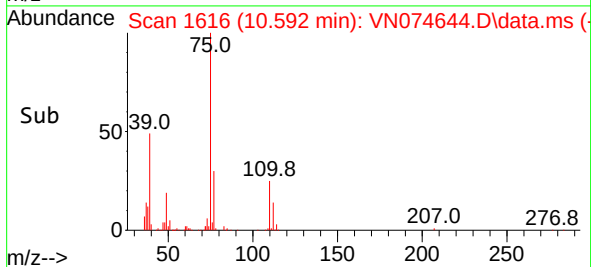
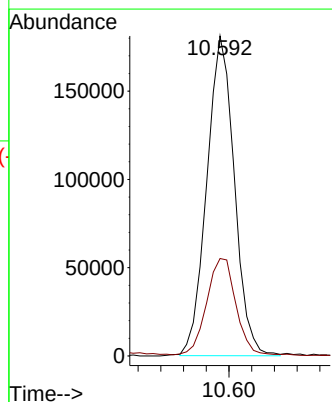
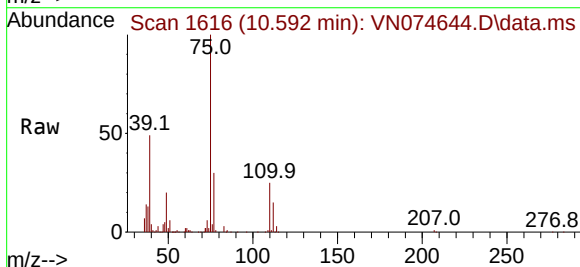
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

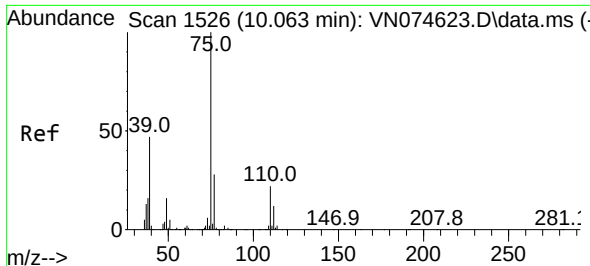
Tgt Ion: 43 Resp: 509763
Ion Ratio Lower Upper
43 100
55 21.9 16.8 25.2



#48
t-1,3-Dichloropropene
Concen: 18.966 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 75 Resp: 305497
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.8

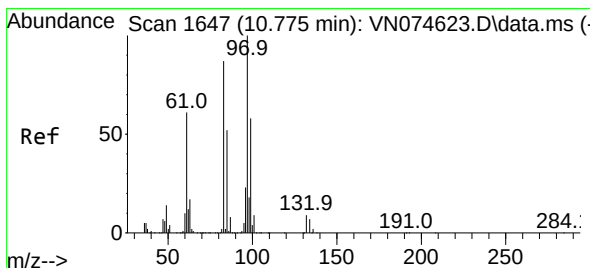
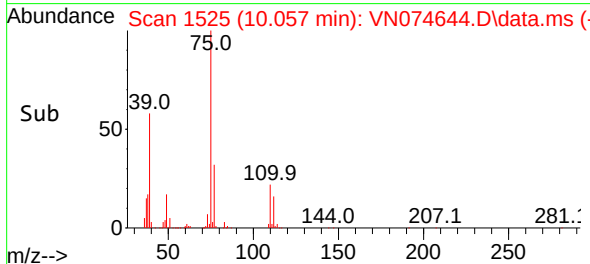
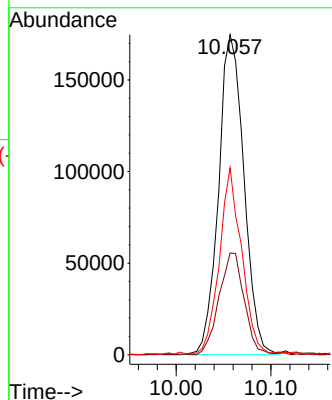
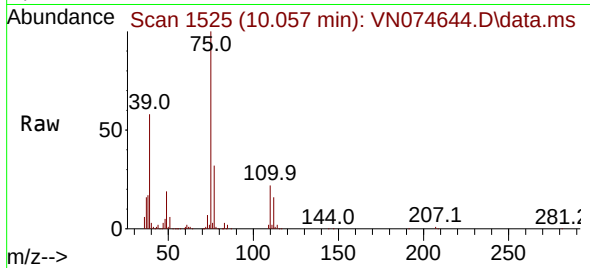




#49
 cis-1,3-Dichloropropene
 Concen: 19.431 ug/l
 RT: 10.057 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VN074644.D
 Acq: 28 Sep 2022 13:07

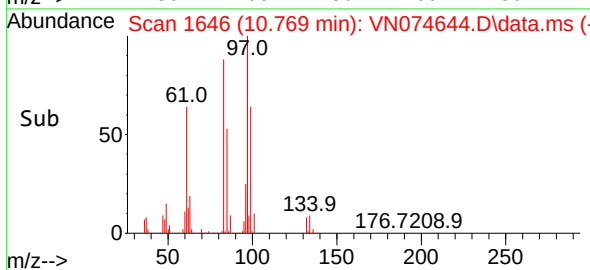
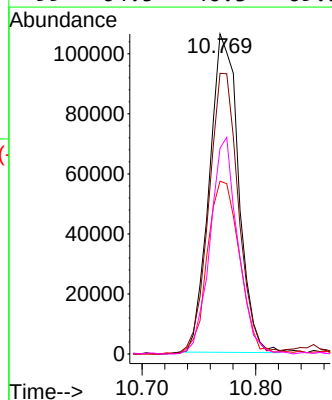
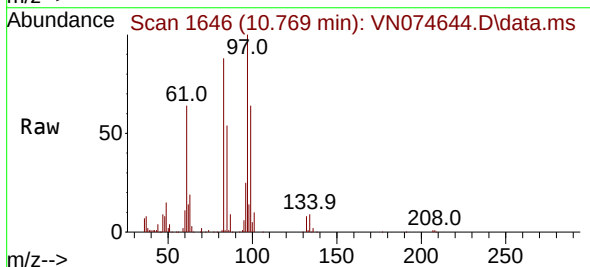
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

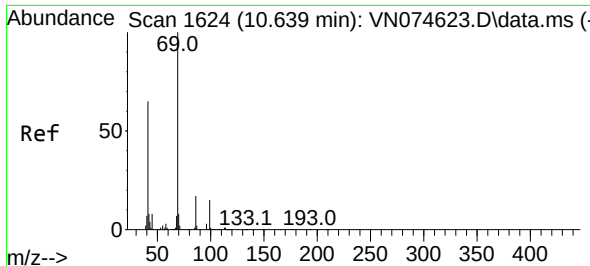
Tgt Ion: 75 Resp: 325691
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 33.7
 39 57.6 37.6 56.4#



#50
 1,1,2-Trichloroethane
 Concen: 19.521 ug/l
 RT: 10.769 min Scan# 1646
 Delta R.T. -0.006 min
 Lab File: VN074644.D
 Acq: 28 Sep 2022 13:07

Tgt Ion: 97 Resp: 189440
 Ion Ratio Lower Upper
 97 100
 83 87.7 69.2 103.8
 85 54.2 41.4 62.2
 99 64.5 46.3 69.5

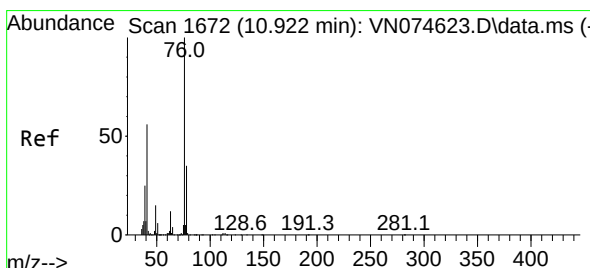
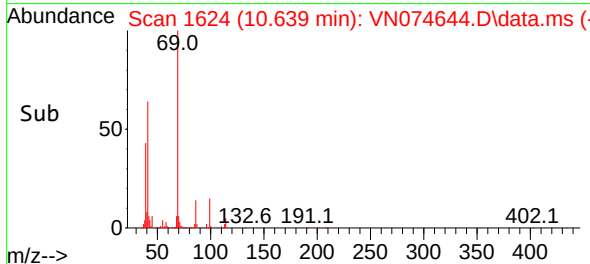
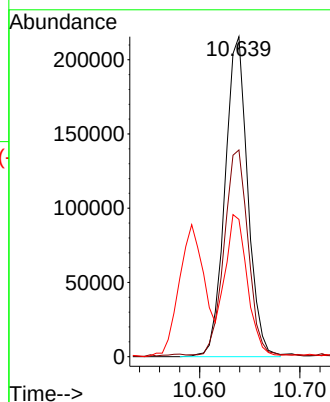
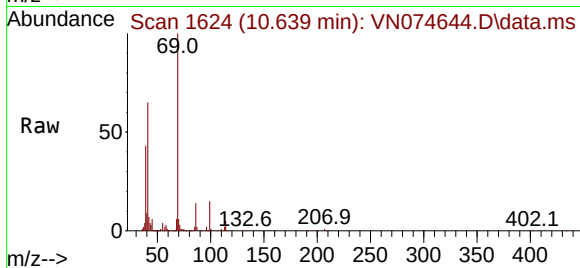




#51
Ethyl methacrylate
Concen: 18.692 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

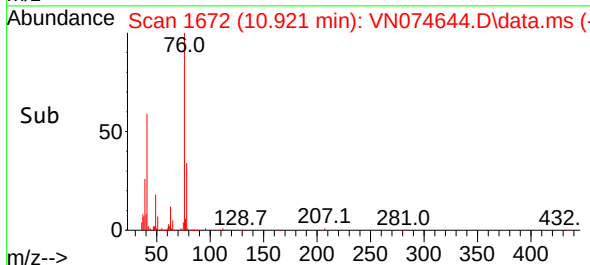
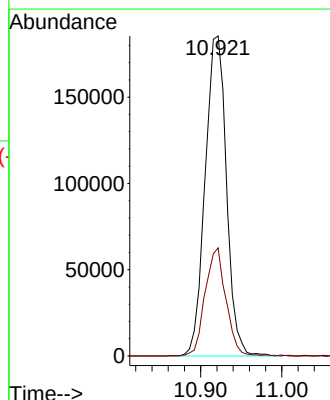
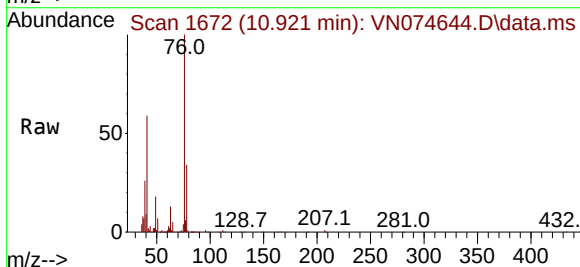
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

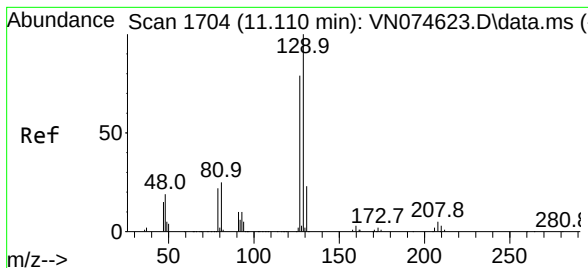
Tgt Ion: 69 Resp: 340118
Ion Ratio Lower Upper
69 100
41 64.0 32.5 97.5
39 42.0 21.5 64.5



#52
1,3-Dichloropropane
Concen: 19.686 ug/l
RT: 10.921 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 76 Resp: 338593
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.8





#53

Dibromochloromethane

Concen: 17.768 ug/l

RT: 11.116 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

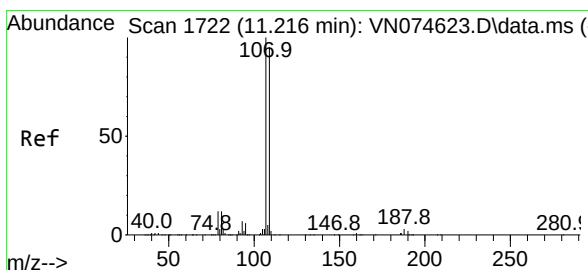
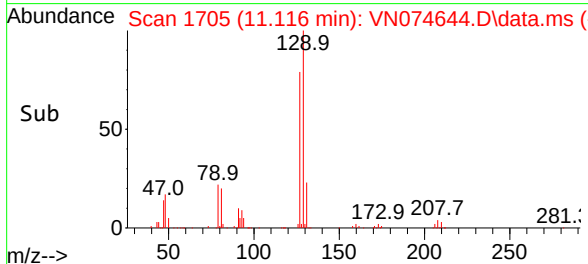
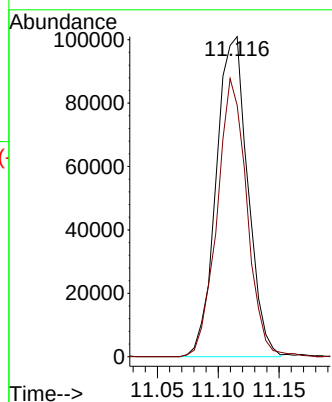
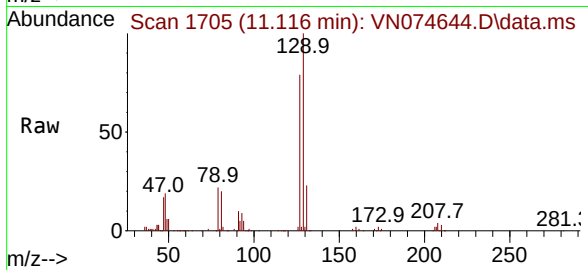
VN0928WBS01

Tgt Ion:129 Resp: 182232

Ion Ratio Lower Upper

129 100

127 82.1 40.6 121.7



#54

1,2-Dibromoethane

Concen: 18.430 ug/l

RT: 11.216 min Scan# 1722

Delta R.T. -0.000 min

Lab File: VN074644.D

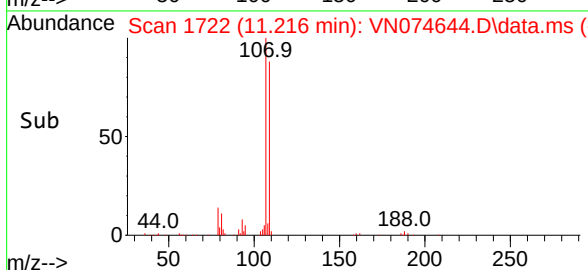
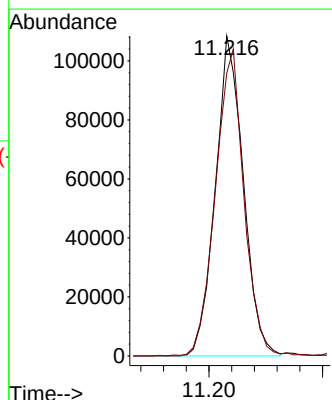
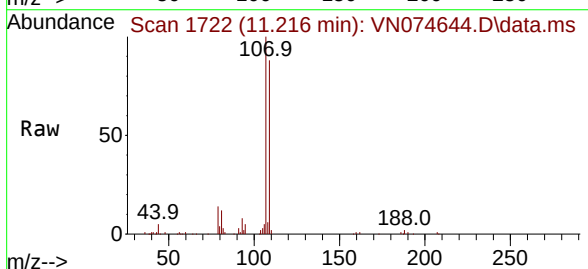
Acq: 28 Sep 2022 13:07

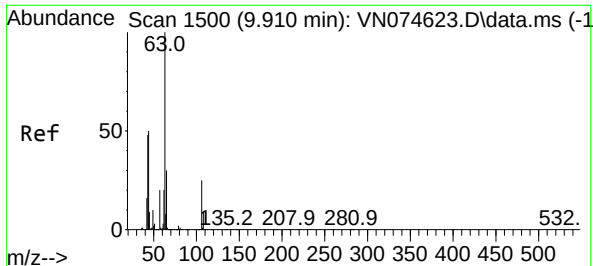
Tgt Ion:107 Resp: 185019

Ion Ratio Lower Upper

107 100

109 97.6 76.2 114.2





#55

2-Chloroethyl vinyl ether

Concen: 104.750 ug/l

RT: 9.910 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

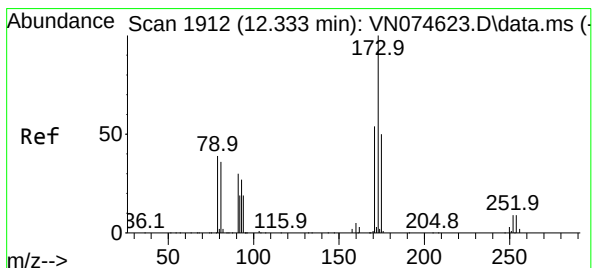
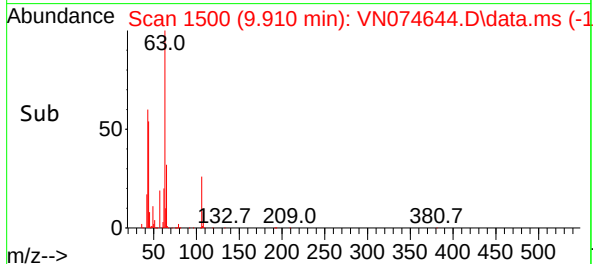
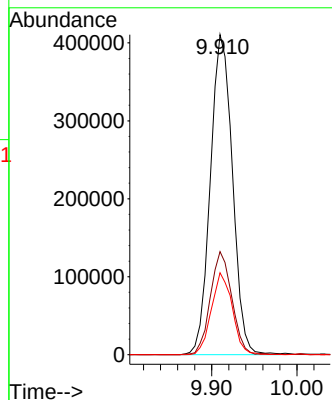
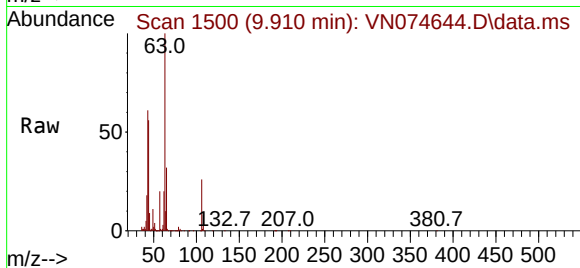
Tgt Ion: 63 Resp: 739701

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8

106 24.2 21.3 31.9



#56

Bromoform

Concen: 16.146 ug/l

RT: 12.333 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

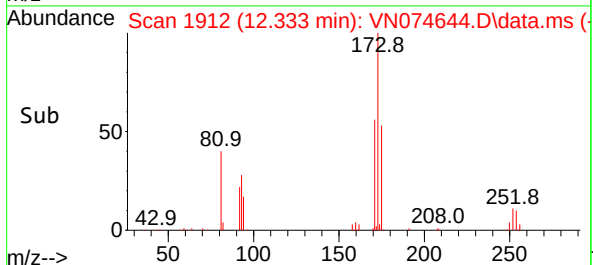
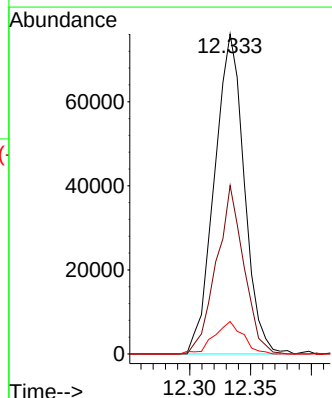
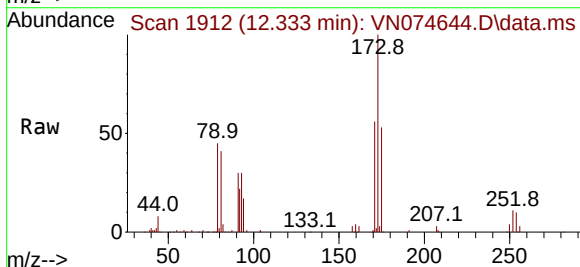
Tgt Ion: 173 Resp: 129434

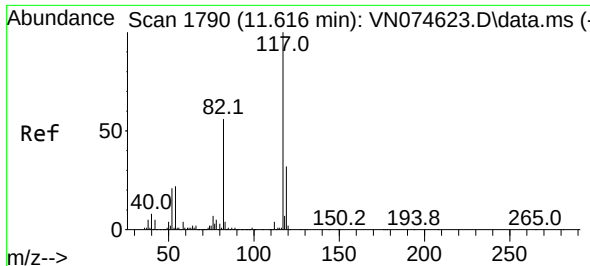
Ion Ratio Lower Upper

173 100

175 48.6 39.1 58.7

254 9.6 7.0 10.6

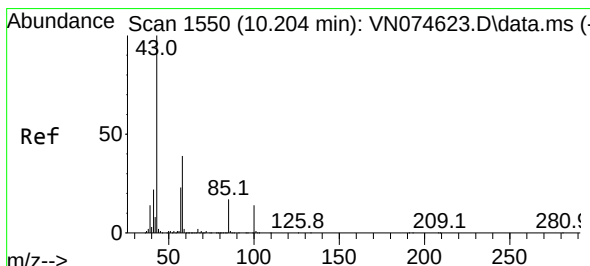
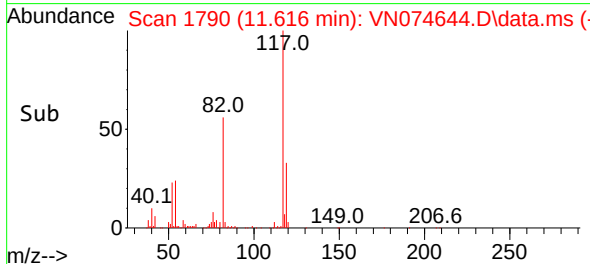
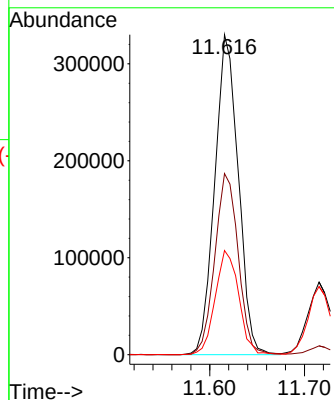
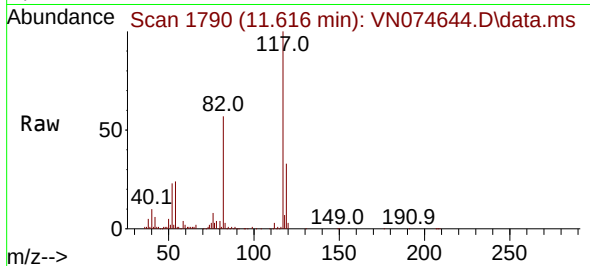




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.616 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

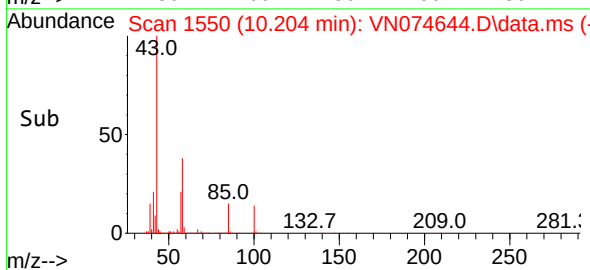
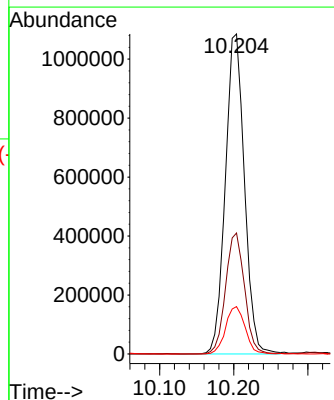
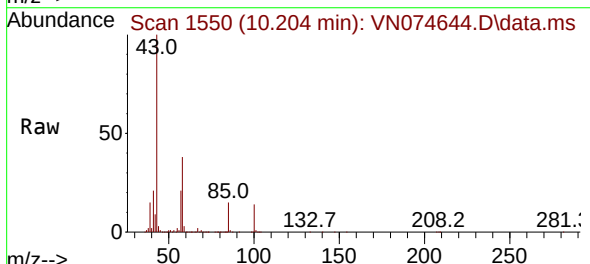
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

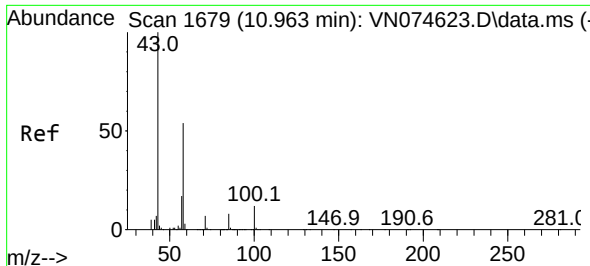
Tgt Ion:117 Resp: 570882
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 32.3 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 109.399 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 43 Resp: 1938157
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2
85 15.2 13.3 19.9



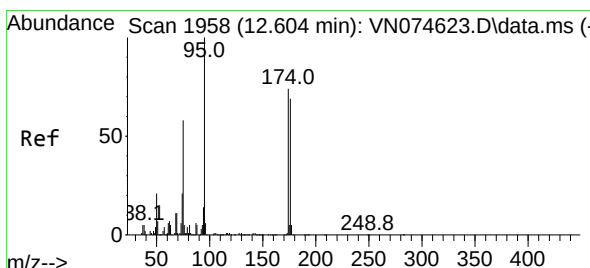
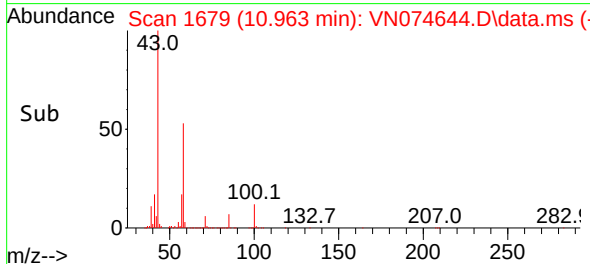
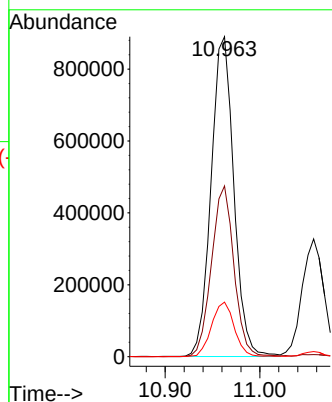
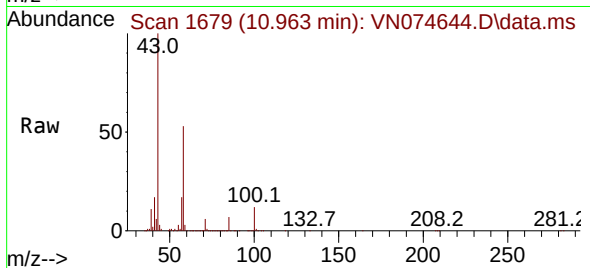


#59
2-Hexanone
Concen: 108.311 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

Tgt Ion: 43 Resp: 1486227

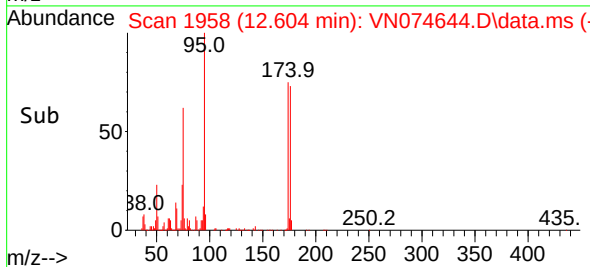
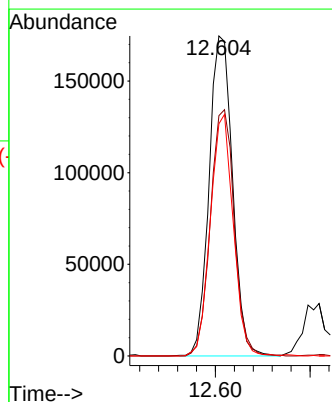
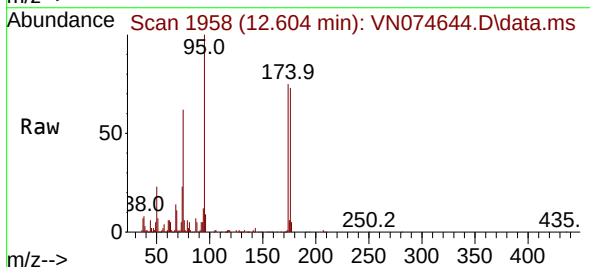
Ion	Ratio	Lower	Upper
43	100		
58	52.8	43.6	65.4
57	17.0	14.3	21.5

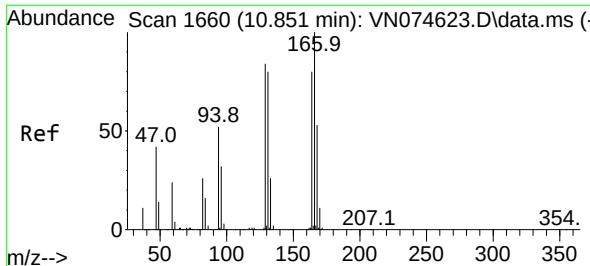


#60
4-Bromofluorobenzene
Concen: 27.090 ug/l
RT: 12.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 95 Resp: 300407

Ion	Ratio	Lower	Upper
95	100		
174	78.0	57.8	86.8
176	73.7	57.0	85.4

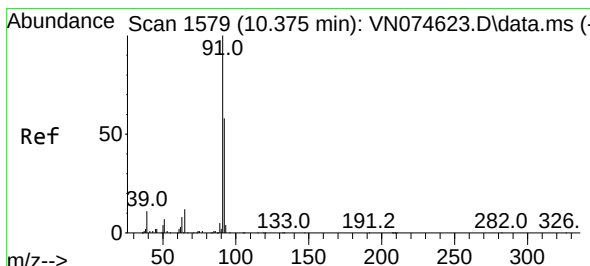
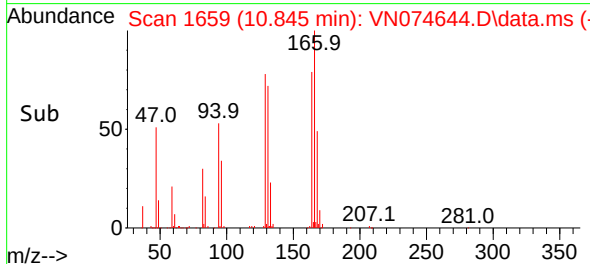
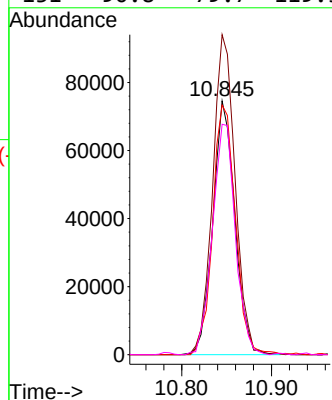
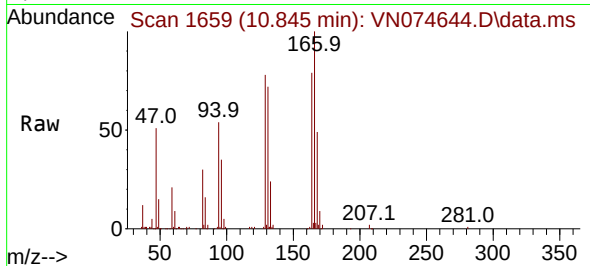




#61
Tetrachloroethene
Concen: 19.997 ug/l
RT: 10.845 min Scan# 1659
Delta R.T. -0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

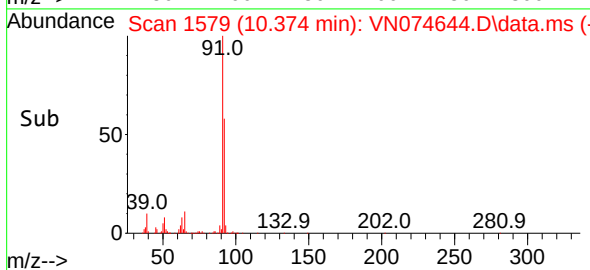
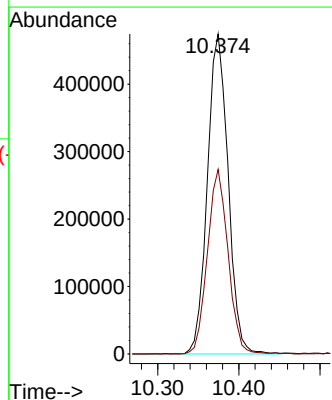
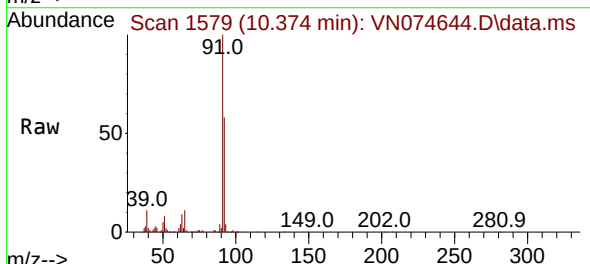
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

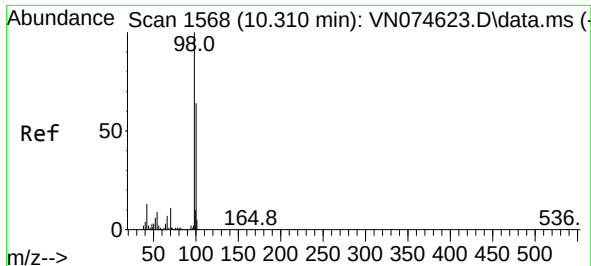
Tgt Ion:164 Resp: 127347
Ion Ratio Lower Upper
164 100
166 126.1 99.6 149.4
129 98.4 84.0 126.0
131 90.8 79.7 119.5



#62
Toluene
Concen: 20.113 ug/l
RT: 10.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 91 Resp: 840767
Ion Ratio Lower Upper
91 100
92 57.4 46.0 69.0

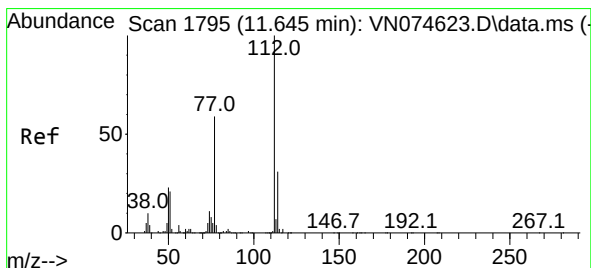
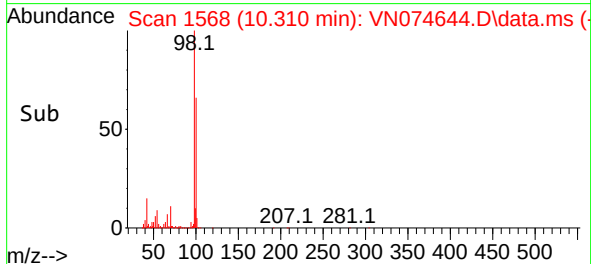
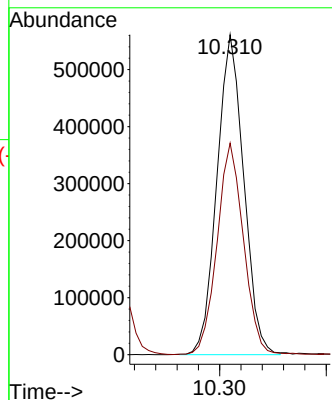
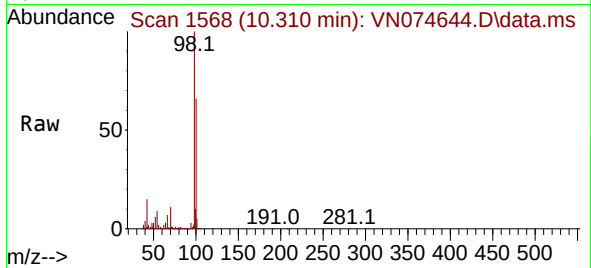




#63
Toluene-d8
Concen: 30.429 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

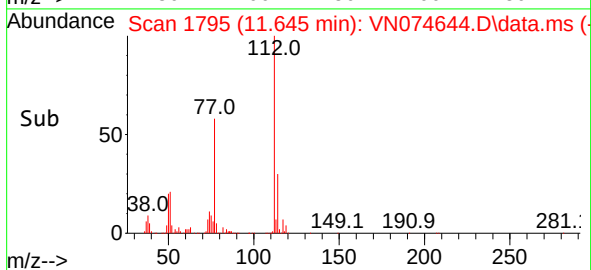
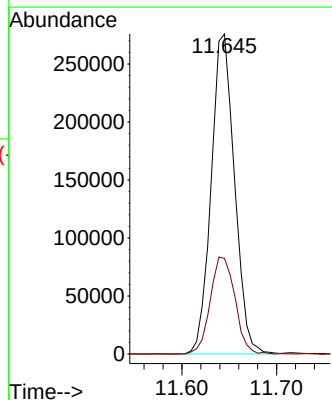
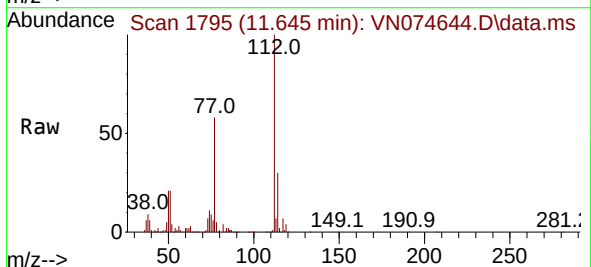
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

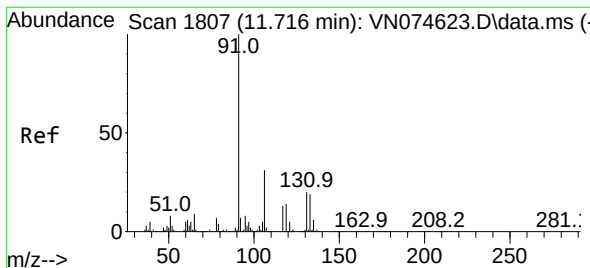
Tgt Ion: 98 Resp: 979842
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#64
Chlorobenzene
Concen: 19.738 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 112 Resp: 472781
Ion Ratio Lower Upper
112 100
114 29.9 24.7 37.1

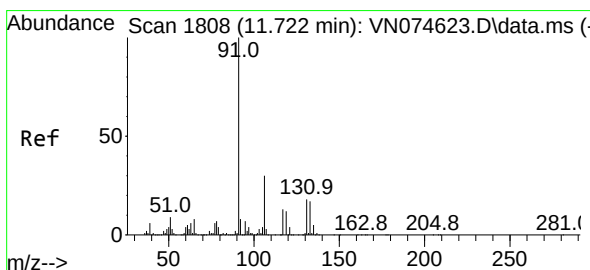
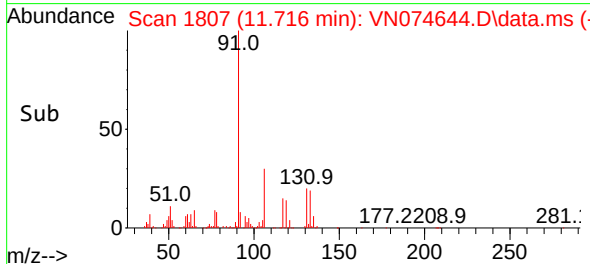
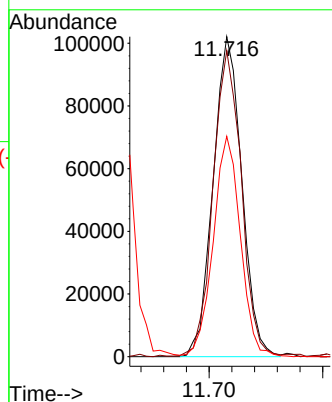
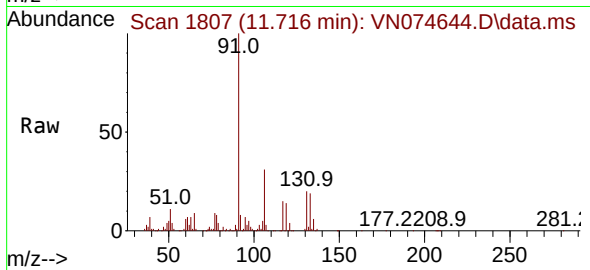




#65
1,1,1,2-Tetrachloroethane
Concen: 19.862 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

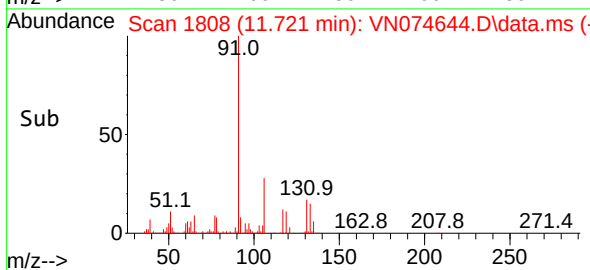
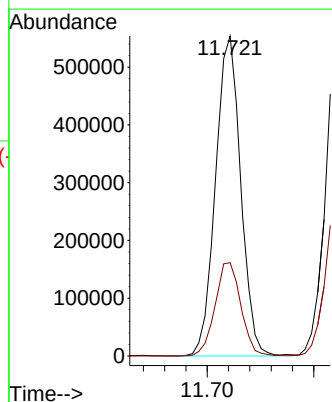
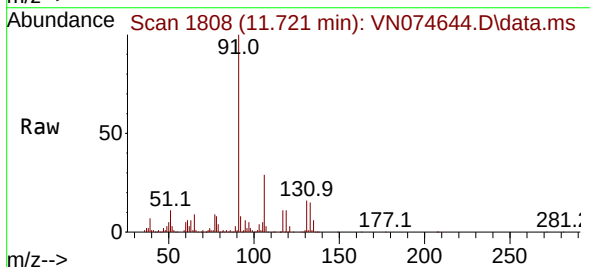
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

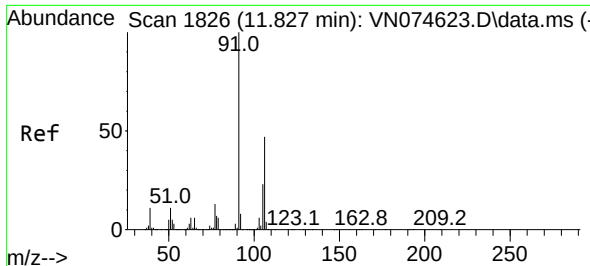
Tgt Ion:131 Resp: 178757
Ion Ratio Lower Upper
131 100
133 94.4 0.0 191.8
119 65.4 0.0 135.8



#66
Ethyl Benzene
Concen: 20.442 ug/l
RT: 11.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 91 Resp: 907450
Ion Ratio Lower Upper
91 100
106 29.2 24.1 36.1

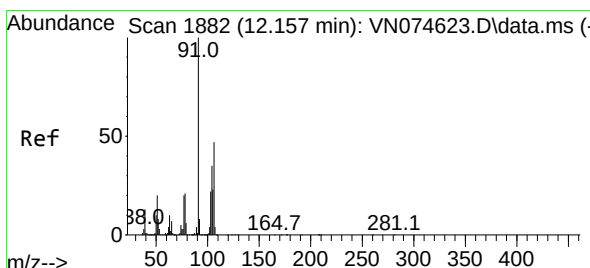
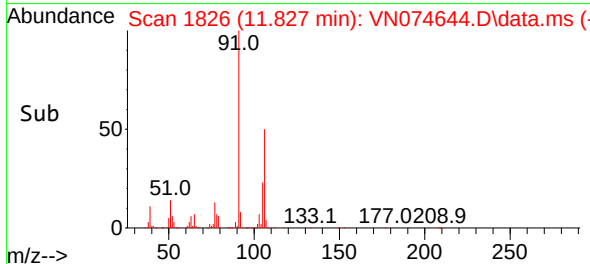
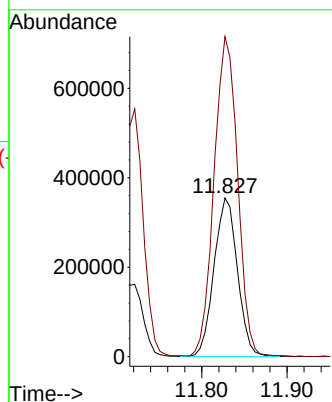
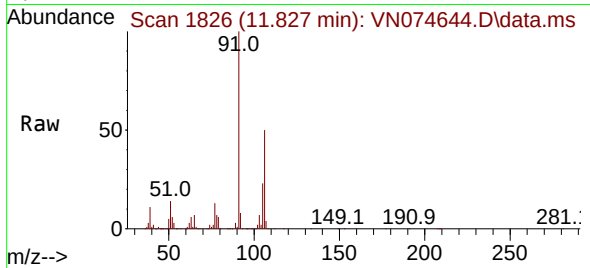




#67
m/p-Xylenes
Concen: 38.029 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

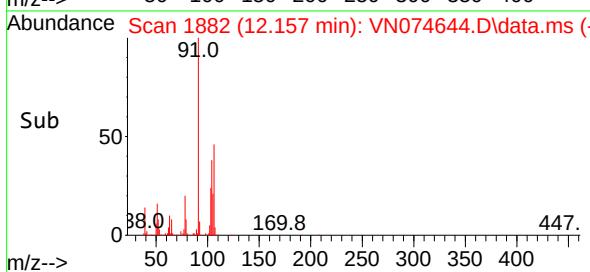
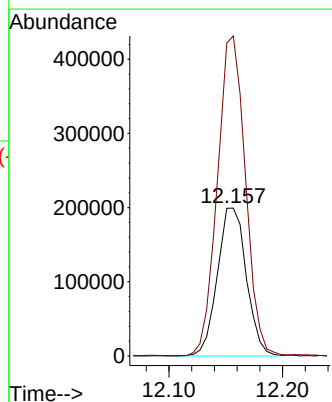
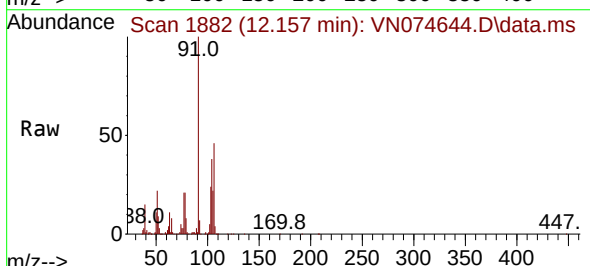
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

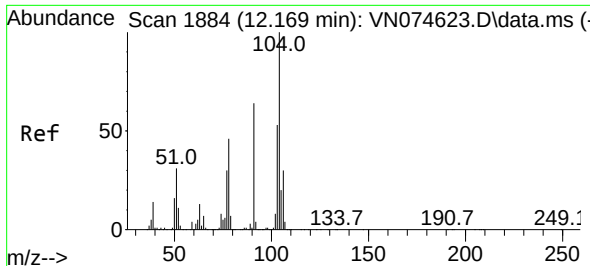
Tgt Ion:106 Resp: 677793
Ion Ratio Lower Upper
106 100
91 203.5 164.2 246.4



#68
o-Xylene
Concen: 19.469 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion:106 Resp: 353301
Ion Ratio Lower Upper
106 100
91 209.2 108.5 325.5

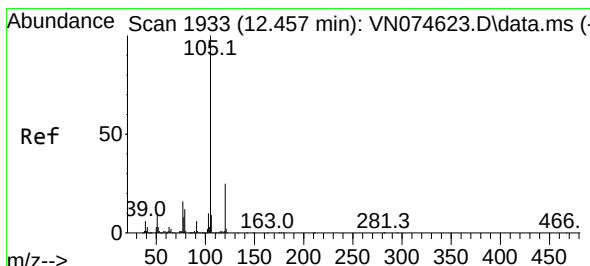
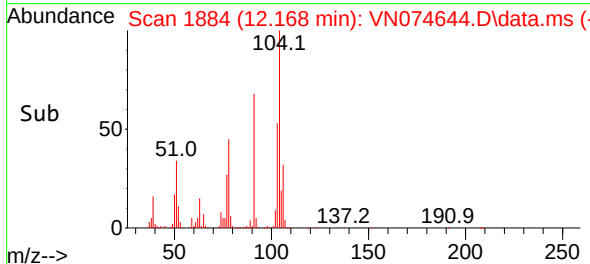
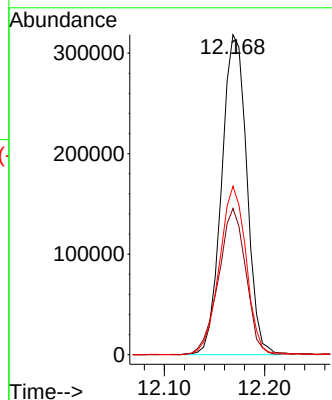
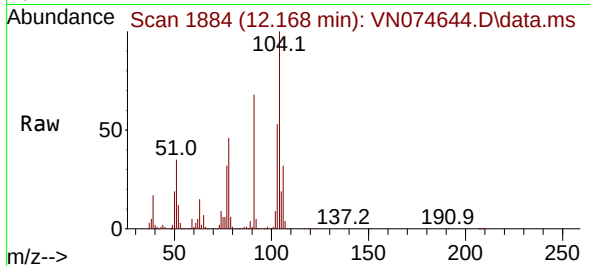




#69
Styrene
Concen: 18.126 ug/l
RT: 12.168 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

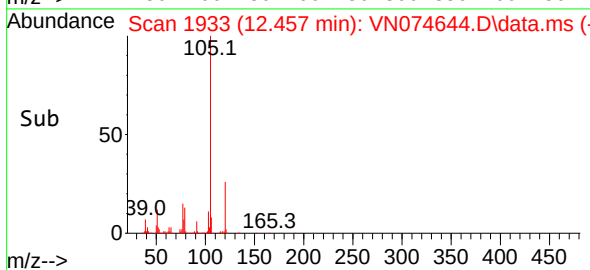
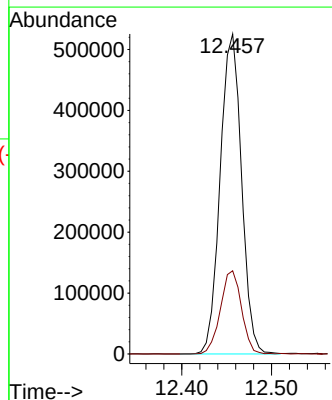
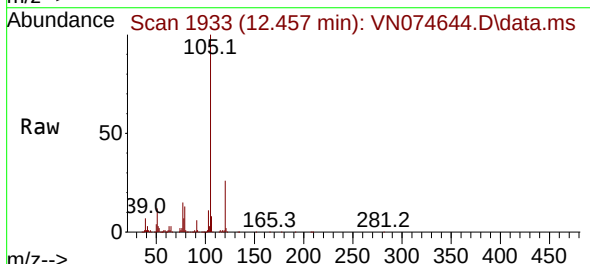
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

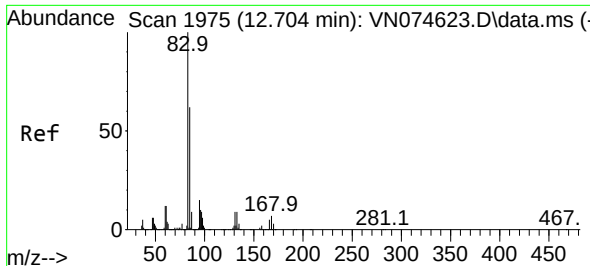
Tgt Ion:104 Resp: 553368
Ion Ratio Lower Upper
104 100
78 49.5 39.9 59.9
103 56.2 43.8 65.8



#70
Isopropylbenzene
Concen: 18.741 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion:105 Resp: 867672
Ion Ratio Lower Upper
105 100
120 25.6 18.5 34.3

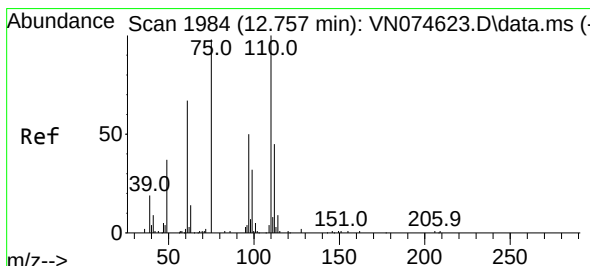
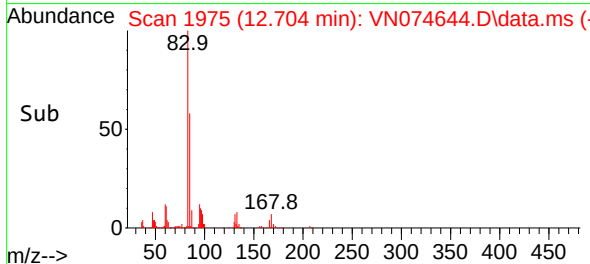
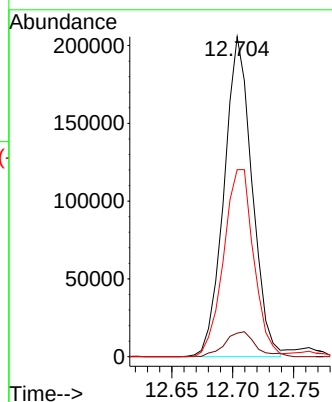
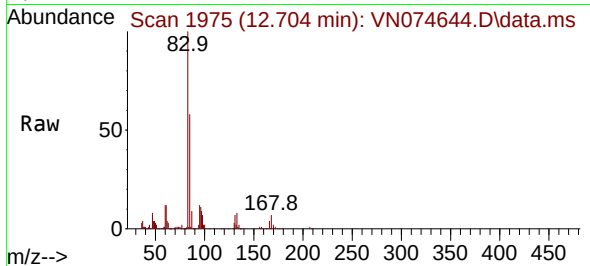




#71
1,1,2,2-Tetrachloroethane
Concen: 19.978 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

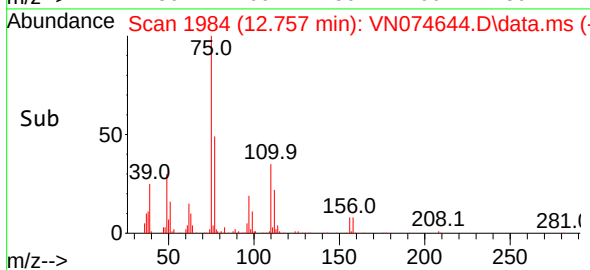
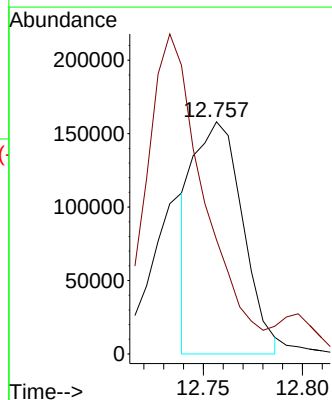
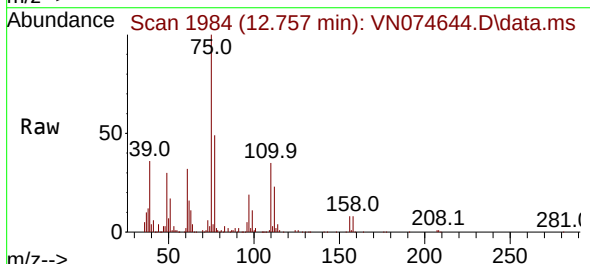
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

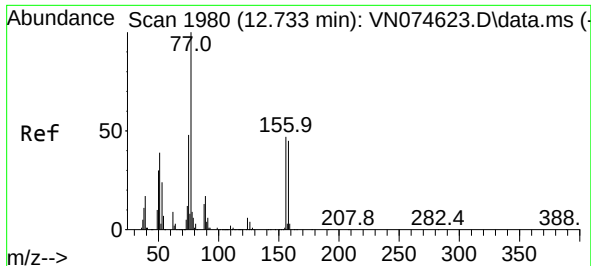
Tgt Ion: 83 Resp: 328319
Ion Ratio Lower Upper
83 100
131 8.1 4.5 13.5
85 63.0 30.9 92.7



#72
1,2,3-Trichloropropane
Concen: 22.077 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 75 Resp: 274649
Ion Ratio Lower Upper
75 100
77 162.1 0.0 372.4

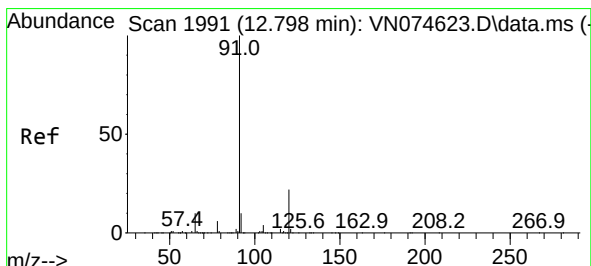
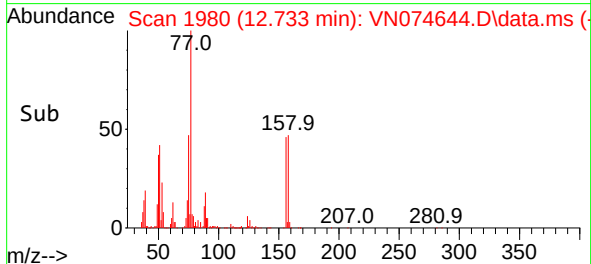
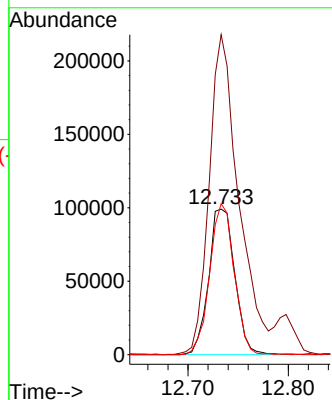
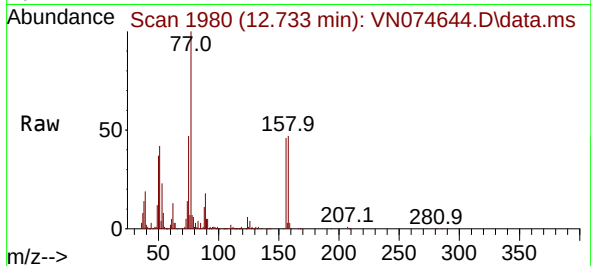




#73
Bromobenzene
Concen: 19.317 ug/l
RT: 12.733 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

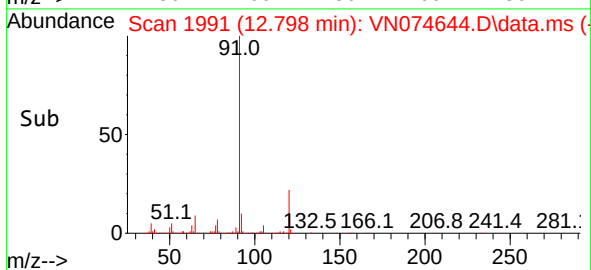
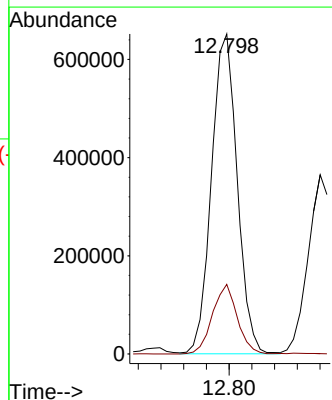
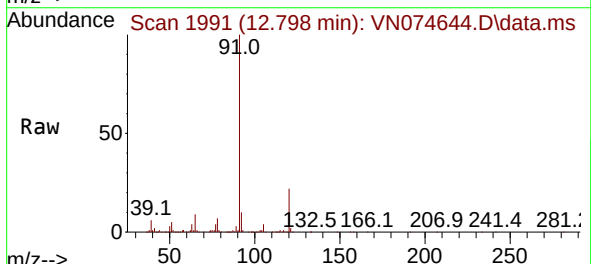
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

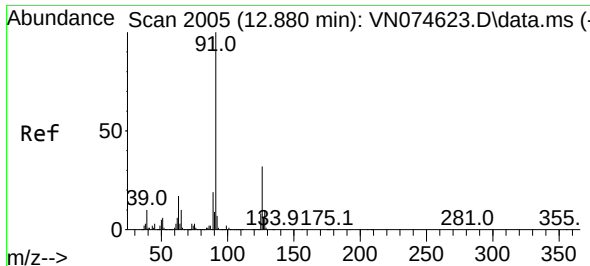
Tgt Ion:156 Resp: 179697
Ion Ratio Lower Upper
156 100
77 247.7 0.0 491.8
158 96.9 0.0 185.0



#74
n-propylbenzene
Concen: 19.645 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 91 Resp: 1024820
Ion Ratio Lower Upper
91 100
120 20.9 0.0 44.6

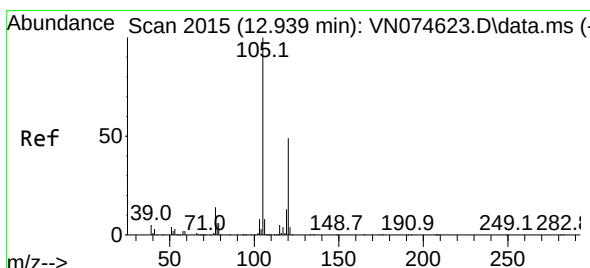
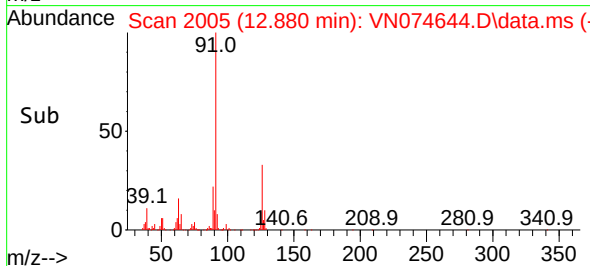
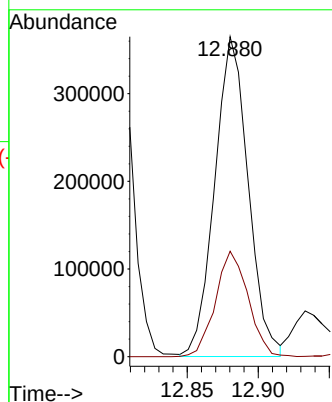
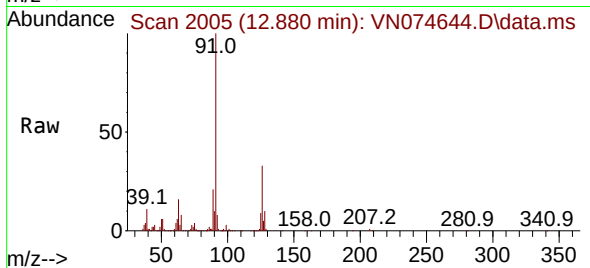




#75
2-Chlorotoluene
Concen: 18.873 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

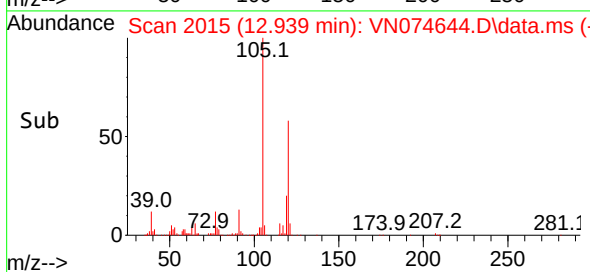
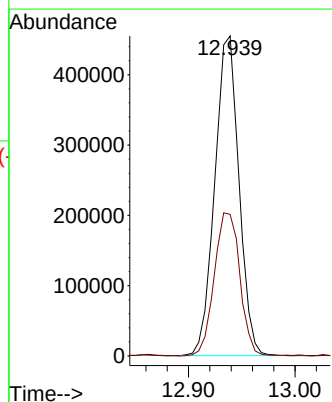
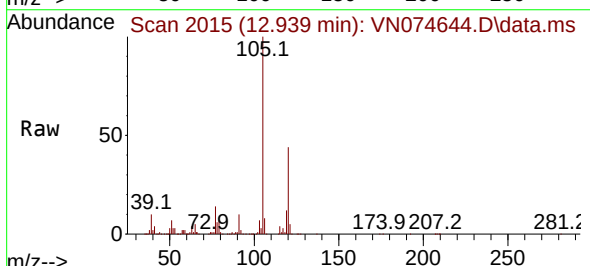
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

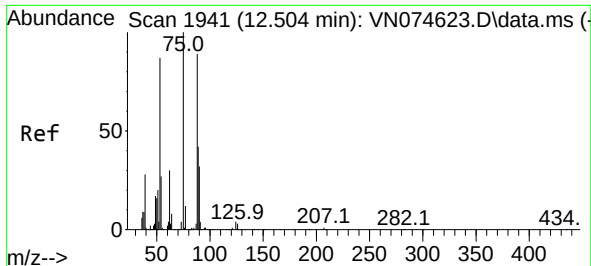
Tgt Ion: 91 Resp: 597244
Ion Ratio Lower Upper
91 100
126 32.3 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 18.360 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 105 Resp: 716697
Ion Ratio Lower Upper
105 100
120 47.3 0.0 97.4

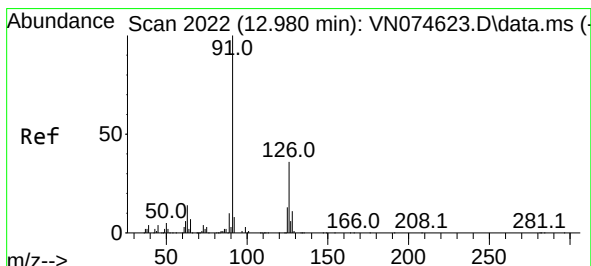
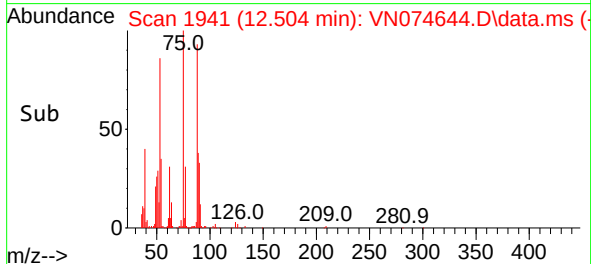
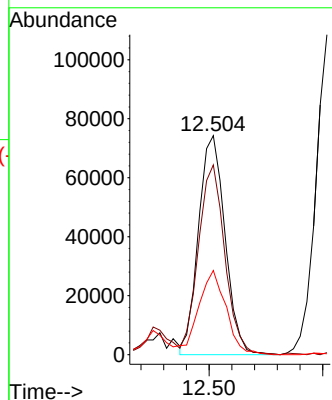
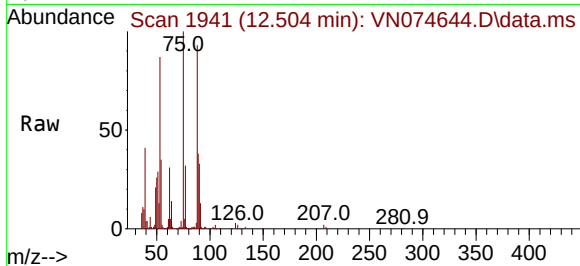




#77
 t-1,4-Dichloro-2-butene
 Concen: 18.655 ug/l
 RT: 12.504 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VN074644.D
 Acq: 28 Sep 2022 13:07

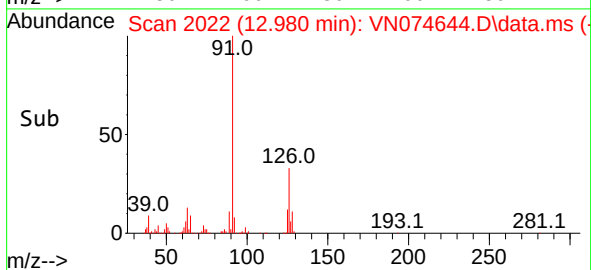
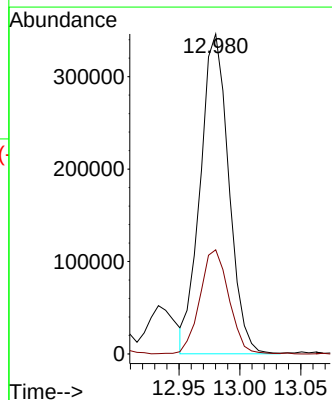
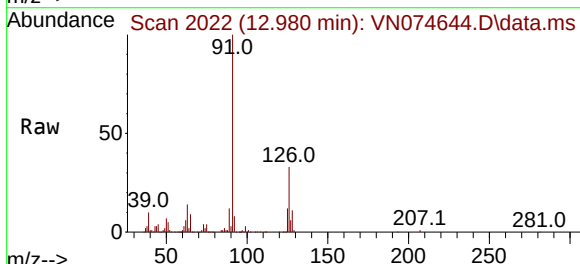
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

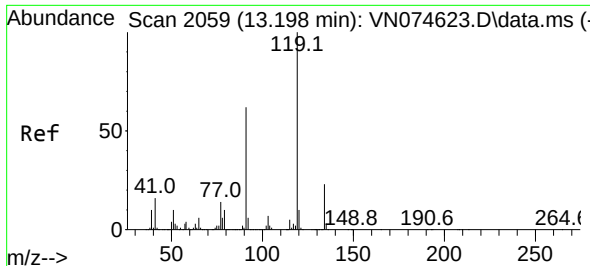
Tgt Ion: 75 Resp: 120210
 Ion Ratio Lower Upper
 75 100
 53 86.6 43.3 129.9
 89 38.4 21.1 63.1



#78
 4-Chlorotoluene
 Concen: 17.819 ug/l
 RT: 12.980 min Scan# 2022
 Delta R.T. -0.000 min
 Lab File: VN074644.D
 Acq: 28 Sep 2022 13:07

Tgt Ion: 91 Resp: 565092
 Ion Ratio Lower Upper
 91 100
 126 33.1 0.0 67.8

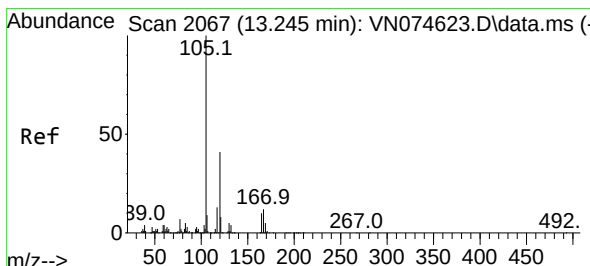
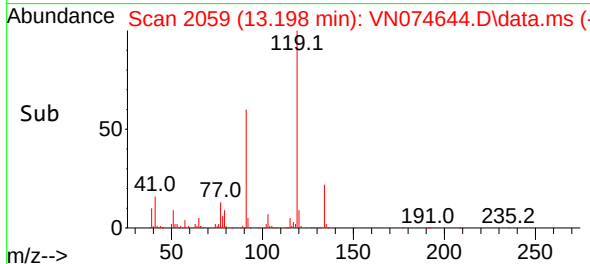
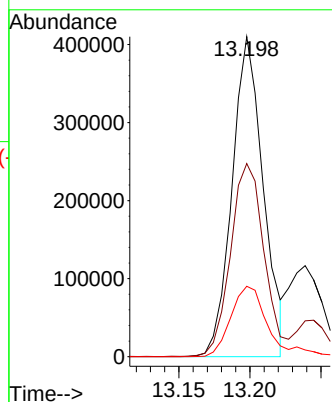
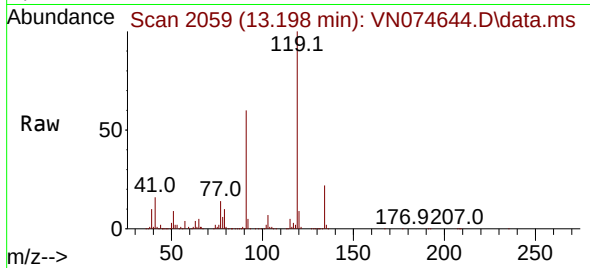




#79
tert-butylbenzene
Concen: 18.368 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

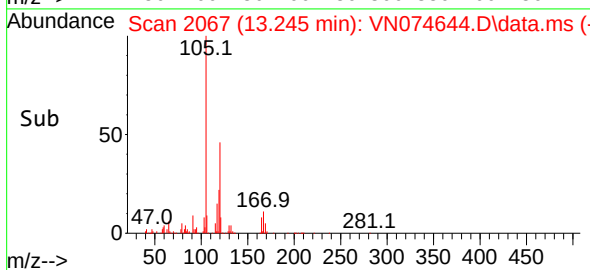
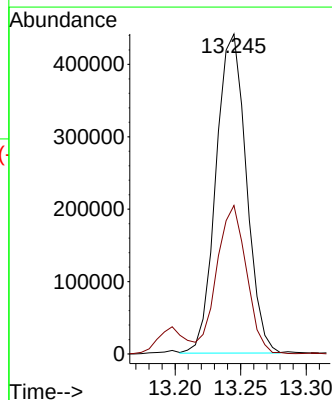
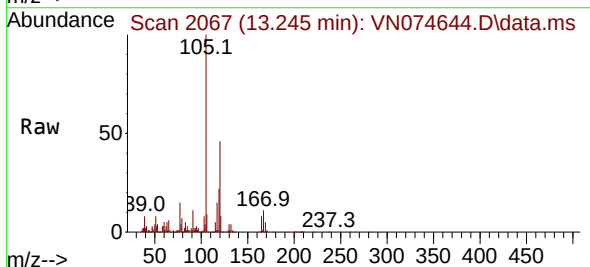
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

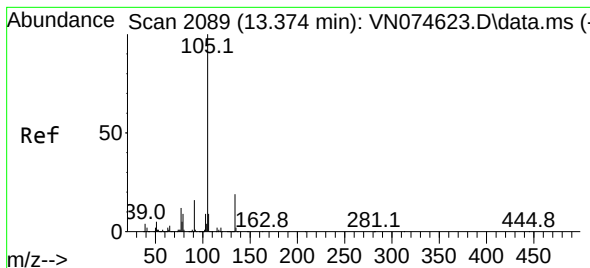
Tgt Ion:119 Resp: 627315
Ion Ratio Lower Upper
119 100
91 65.1 0.0 129.0
134 24.2 0.0 52.2



#80
1,2,4-Trimethylbenzene
Concen: 18.366 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion:105 Resp: 708113
Ion Ratio Lower Upper
105 100
120 45.4 0.0 93.2





#81

sec-Butylbenzene

Concen: 18.709 ug/l

RT: 13.374 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

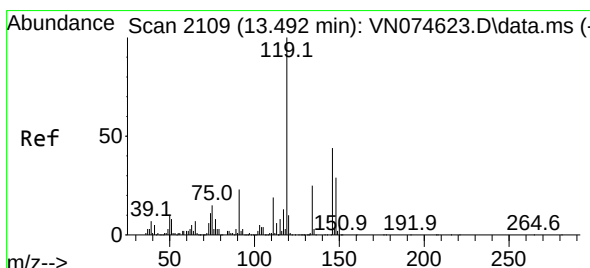
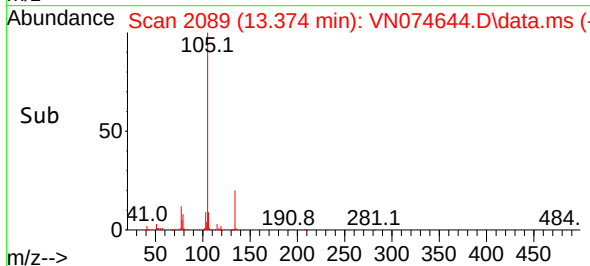
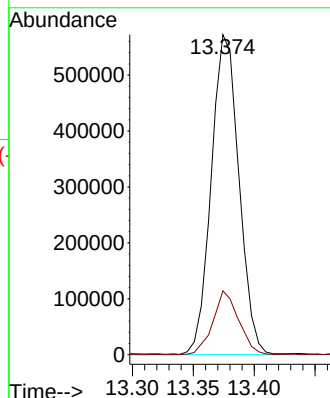
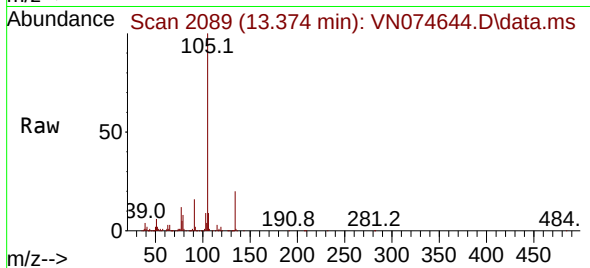
VN0928WBS01

Tgt Ion:105 Resp: 904552

Ion Ratio Lower Upper

105 100

134 18.6 0.0 38.8



#82

p-Isopropyltoluene

Concen: 18.023 ug/l

RT: 13.492 min Scan# 2109

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

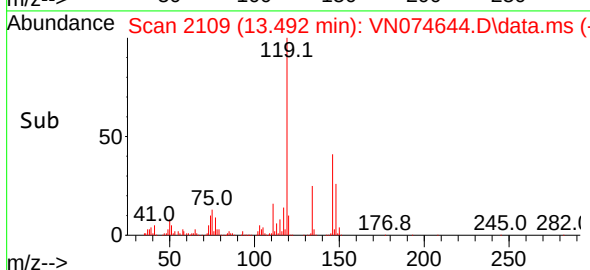
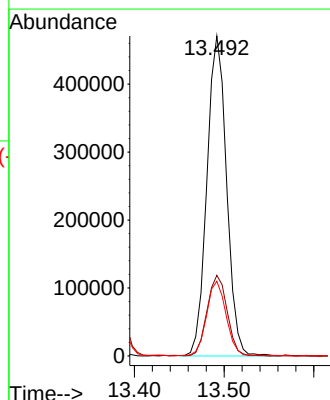
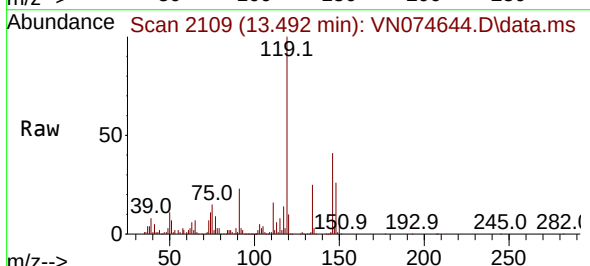
Tgt Ion:119 Resp: 716842

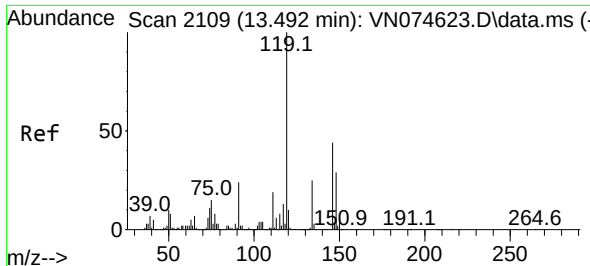
Ion Ratio Lower Upper

119 100

134 25.7 0.0 51.4

91 23.1 0.0 46.8

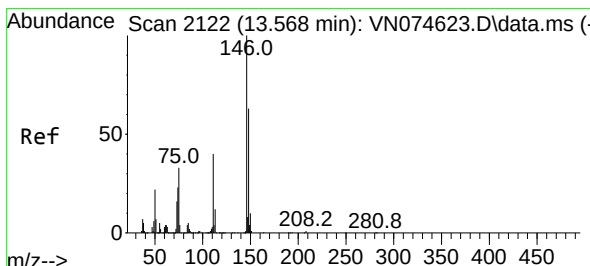
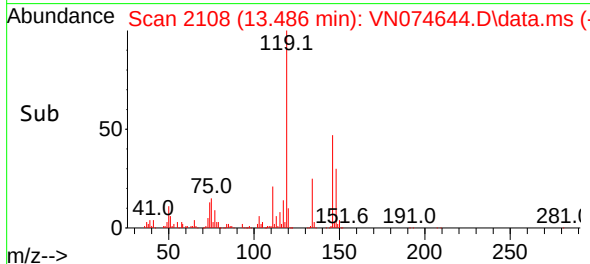
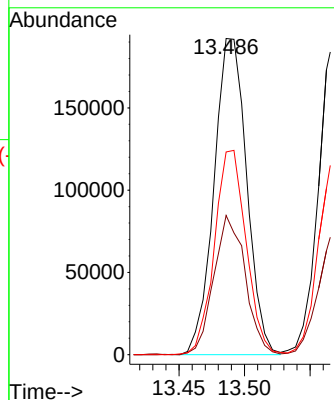
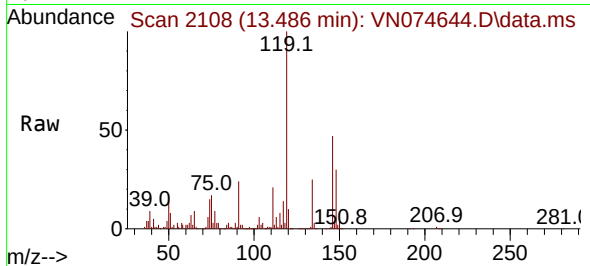




#83
 1,3-Dichlorobenzene
 Concen: 17.448 ug/l
 RT: 13.486 min Scan# 2109
 Delta R.T. -0.006 min
 Lab File: VN074644.D
 Acq: 28 Sep 2022 13:07

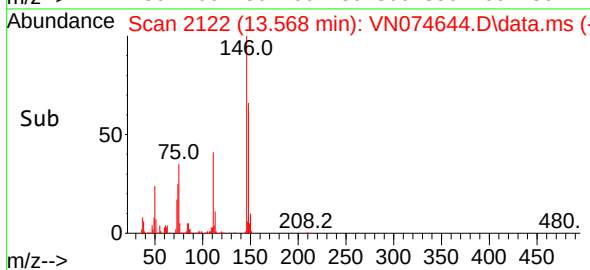
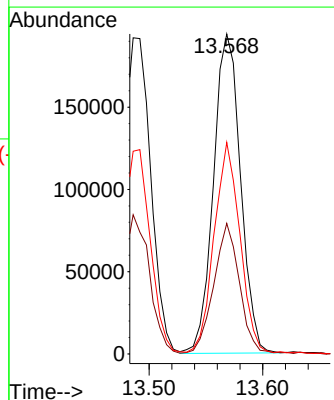
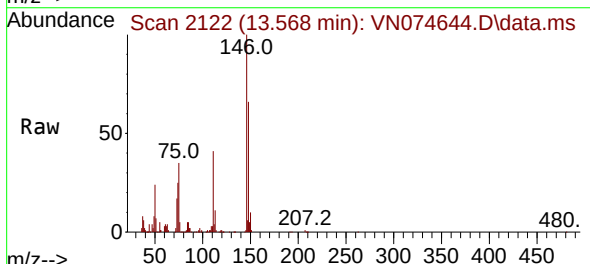
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBS01

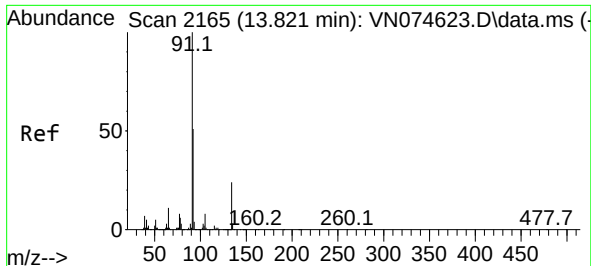
Tgt Ion:146 Resp: 333562
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.5 61.5
 148 62.7 31.0 93.0



#84
 1,4-Dichlorobenzene
 Concen: 16.892 ug/l
 RT: 13.568 min Scan# 2122
 Delta R.T. -0.000 min
 Lab File: VN074644.D
 Acq: 28 Sep 2022 13:07

Tgt Ion:146 Resp: 321175
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.1 57.5
 148 63.8 31.7 95.1

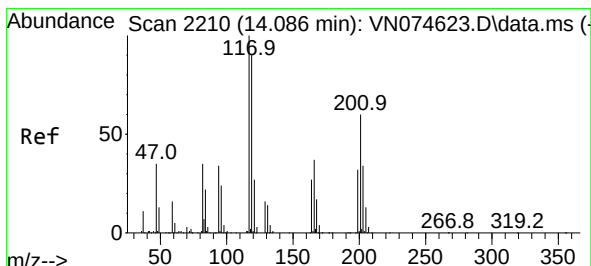
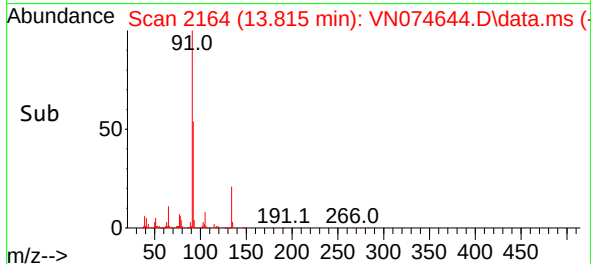
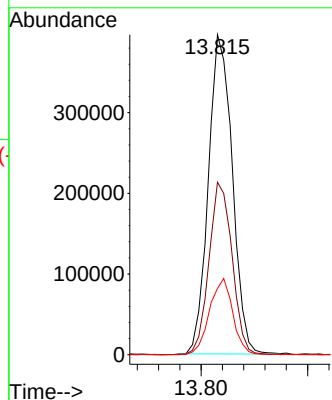
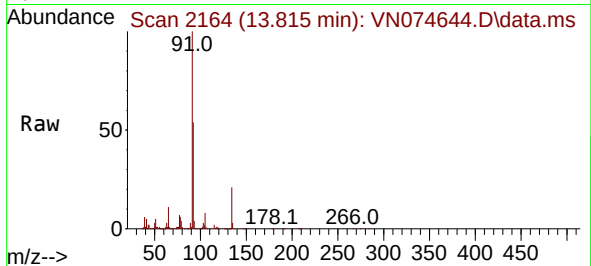




#85
n-Butylbenzene
Concen: 18.210 ug/l
RT: 13.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

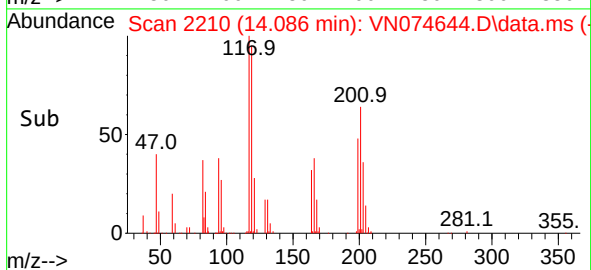
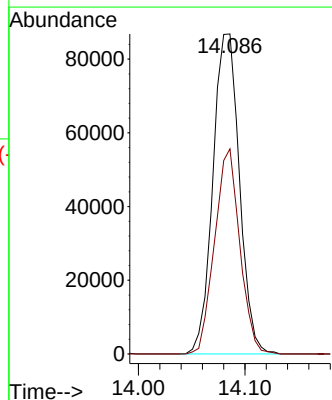
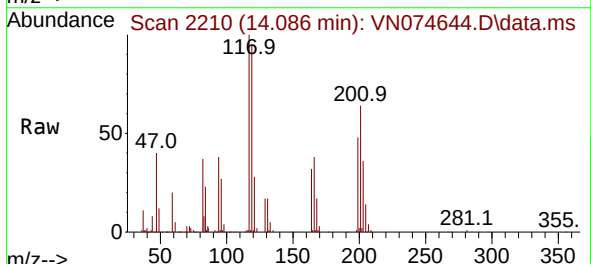
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBS01

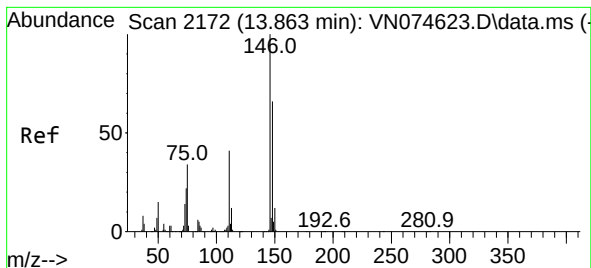
Tgt Ion: 91 Resp: 617940
Ion Ratio Lower Upper
91 100
92 51.9 0.0 105.4
134 23.1 0.0 46.4



#86
Hexachloroethane
Concen: 19.614 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VN074644.D
Acq: 28 Sep 2022 13:07

Tgt Ion: 117 Resp: 150271
Ion Ratio Lower Upper
117 100
201 60.8 29.4 88.3





#87

1,2-Dichlorobenzene

Concen: 17.294 ug/l

RT: 13.862 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

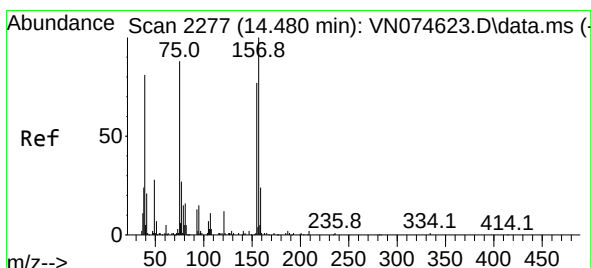
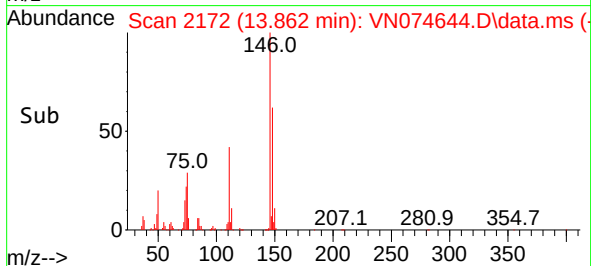
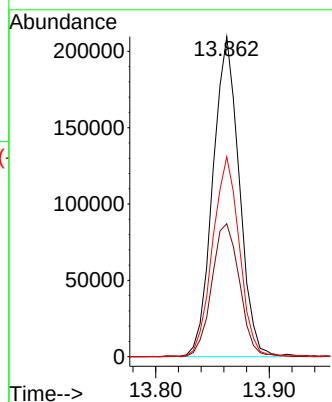
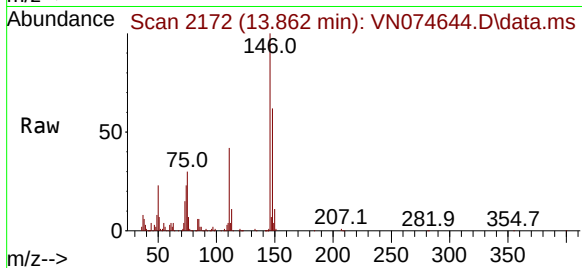
Tgt Ion:146 Resp: 338180

Ion Ratio Lower Upper

146 100

111 43.5 21.4 64.2

148 63.4 30.6 92.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.017 ug/l

RT: 14.480 min Scan# 2277

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

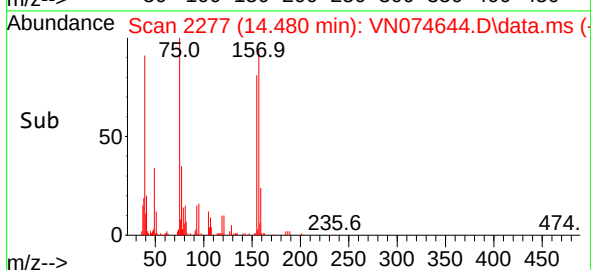
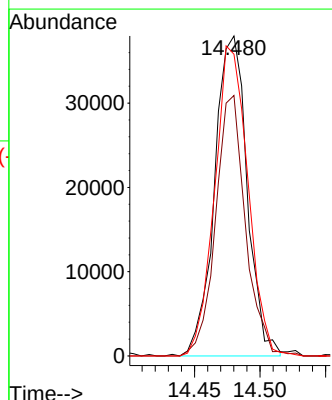
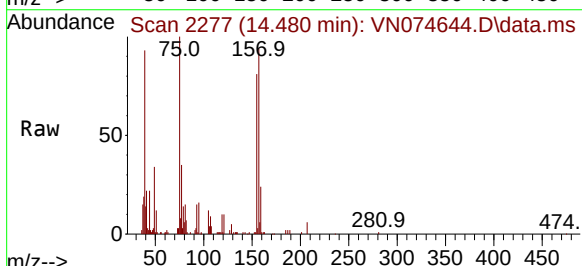
Tgt Ion: 75 Resp: 65454

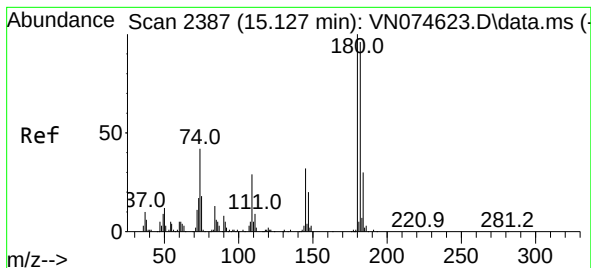
Ion Ratio Lower Upper

75 100

155 74.5 66.3 99.5

157 98.9 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 18.787 ug/l

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

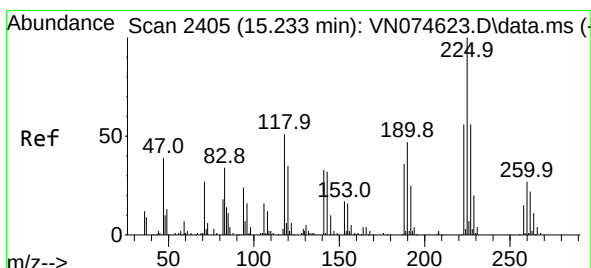
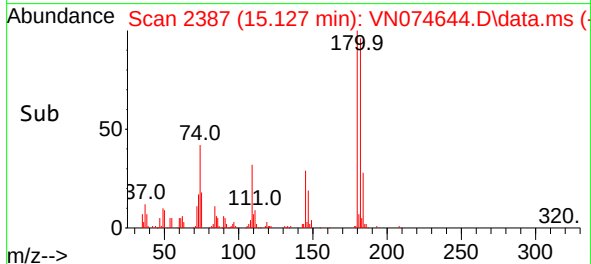
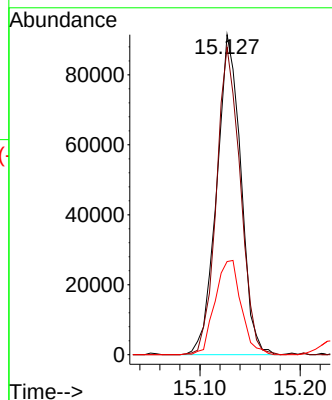
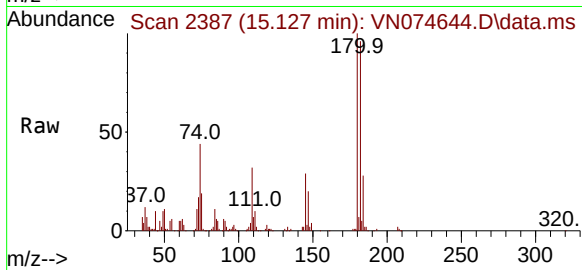
Tgt Ion:180 Resp: 153229

Ion Ratio Lower Upper

180 100

182 94.5 74.9 112.3

145 31.9 26.3 39.5



#90

Hexachlorobutadiene

Concen: 19.759 ug/l

RT: 15.233 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

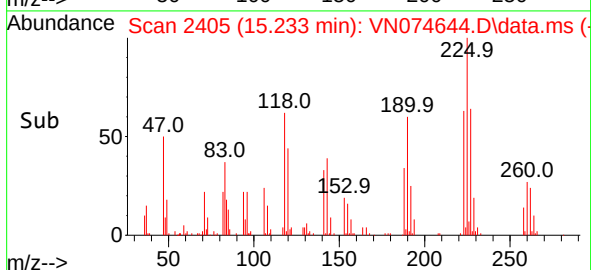
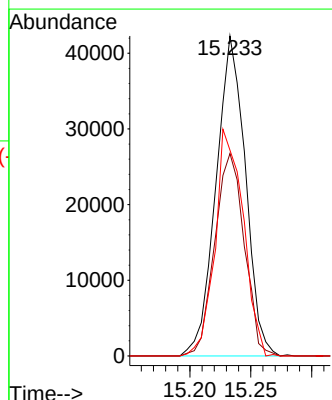
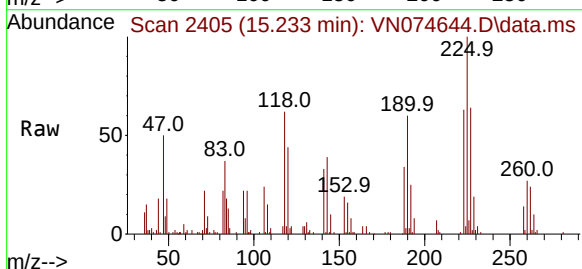
Tgt Ion:225 Resp: 71004

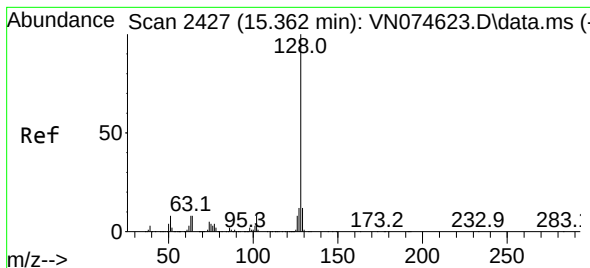
Ion Ratio Lower Upper

225 100

223 63.7 0.0 125.0

227 67.8 0.0 123.0





#91

Naphthalene

Concen: 18.294 ug/l

RT: 15.362 min Scan# 2427

Delta R.T. -0.000 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBS01

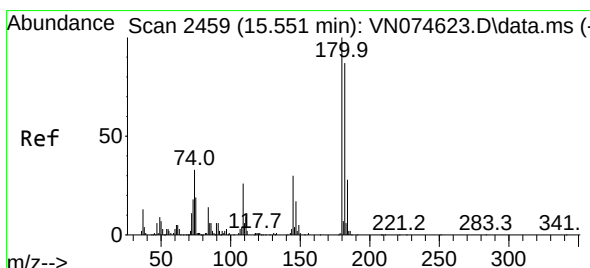
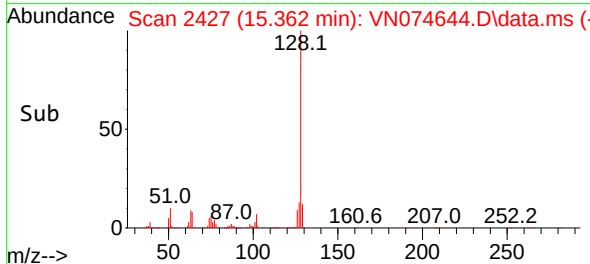
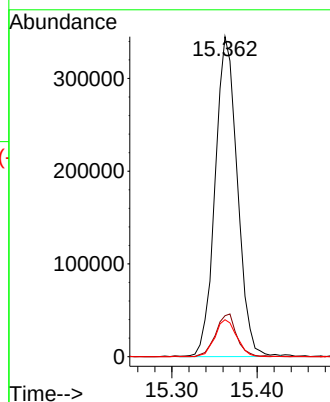
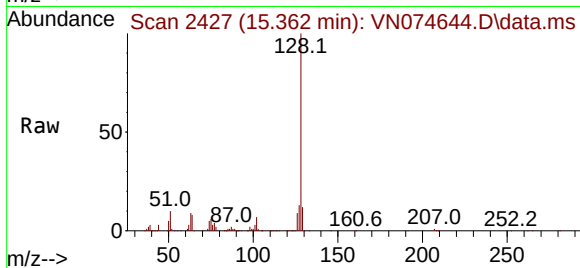
Tgt Ion:128 Resp: 625983

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

129 11.3 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 18.776 ug/l

RT: 15.556 min Scan# 2460

Delta R.T. 0.006 min

Lab File: VN074644.D

Acq: 28 Sep 2022 13:07

Tgt Ion:180 Resp: 153544

Ion Ratio Lower Upper

180 100

182 91.9 0.0 185.4

145 34.5 0.0 68.6

