

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092822\
 Data File : VN074642.D
 Acq On : 28 Sep 2022 10:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Sep 28 18:17:33 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	7.492	128	91242	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.827	114	574442	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.616	117	508336	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	278813	32.408	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.033%	
60) 4-Bromofluorobenzene	12.604	95	256665	25.993	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 86.633%	
63) Toluene-d8	10.310	98	876894	30.583	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.004	85	124082	23.141	ug/l	97
3) Chloromethane	2.216	50	200588	25.473	ug/l	93
4) Vinyl Chloride	2.357	62	277792	27.556	ug/l	92
5) Bromomethane	2.734	94	200057	30.789	ug/l	91
6) Chloroethane	2.898	64	226241	31.750	ug/l	91
7) Trichlorofluoromethane	3.240	101	223191	23.837	ug/l	96
8) Diethyl Ether	3.681	74	110401	22.353	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.051	101	143764	23.950	ug/l	95
10) 1,1-Dichloroethene	4.022	96	135120	21.830	ug/l	87
11) Methyl Iodide	4.251	142	175833	22.180	ug/l	97
12) Methyl Acetate	4.663	43	296738	22.393	ug/l	99
13) Acrolein	3.893	56	106301	98.556	ug/l	96
14) Acrylonitrile	5.363	53	601820	112.042	ug/l	98
15) Acetone	4.122	58	161194	114.258	ug/l	96
16) Carbon Disulfide	4.357	76	384452	22.101	ug/l	98
17) Allyl chloride	4.651	41	295700	23.428	ug/l	99
18) Methylene Chloride	4.904	84	181916	23.055	ug/l	97
19) trans-1,2-Dichloroethene	5.398	96	154259	22.052	ug/l	96
20) Diisopropyl ether	6.304	45	643227	23.298	ug/l	98
21) 1,1-Dichloroethane	6.192	63	330586	23.710	ug/l	97
22) cis-1,2-Dichloroethene	7.145	96	190990	22.629	ug/l	98
23) tert-Butyl Alcohol	5.163	59	243787	110.224	ug/l #	100
24) Methyl tert-Butyl Ether	5.416	73	560435	21.852	ug/l	97
25) Chloroform	7.651	83	311232	22.517	ug/l	90
26) Cyclohexane	7.933	56	297355	23.717	ug/l #	98
29) 1,1-Dichloropropene	8.063	75	235067	21.908	ug/l	96
30) 2-Butanone	7.157	43	874668	106.851	ug/l	98
31) 2,2-Dichloropropane	7.145	77	279222	21.800	ug/l	96
32) 1,1,1-Trichloroethane	7.851	97	266397	21.018	ug/l	98
33) Carbon Tetrachloride	8.051	117	217423	20.510	ug/l	97
34) Benzene	8.304	78	754379	21.239	ug/l	99
35) Methacrylonitrile	7.469	41	150955	19.383	ug/l	94
36) 1,2-Dichloroethane	8.380	62	242817	20.935	ug/l	99
37) Trichloroethene	9.069	130	162298	21.519	ug/l	92
38) Methylcyclohexane	9.322	83	301784	21.732	ug/l	98
39) 1,2-Dichloropropane	9.351	63	204531	21.749	ug/l	97
40) Dibromomethane	9.439	93	126591	20.862	ug/l	98
41) Bromodichloromethane	9.627	83	250755	20.789	ug/l #	94
42) Vinyl Acetate	6.239	43	2870711	107.885	ug/l	98

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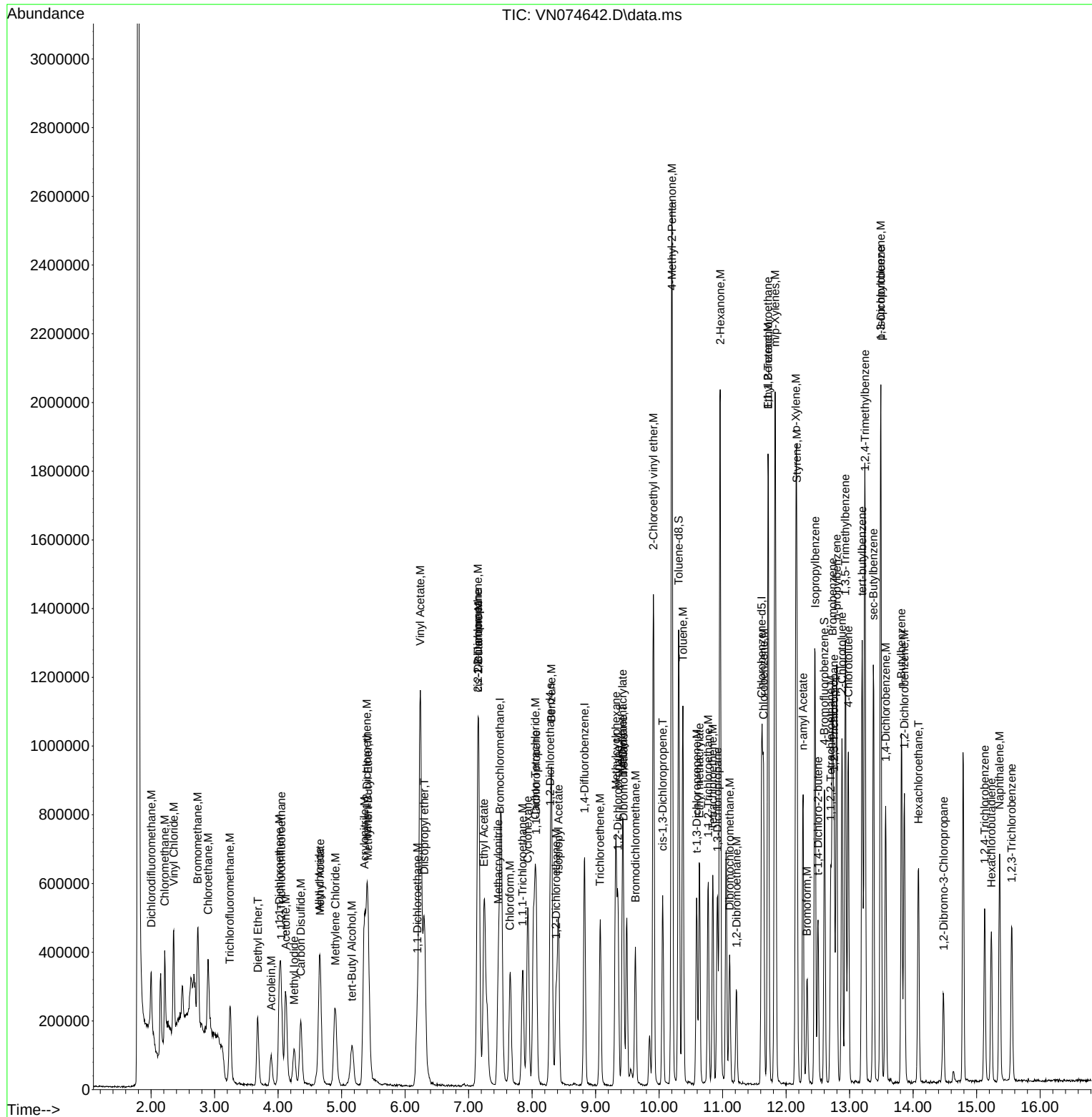
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.239	43	335608	21.168	ug/l	98
44) Isopropyl Acetate	8.416	43	562758	21.858	ug/l	98
45) 1,4-Dioxane	9.433	88	84314	383.762	ug/l	95
46) Methyl methacrylate	9.427	41	238394	22.232	ug/l	95
47) n-amyl Acetate	12.268	43	472169	20.038	ug/l	99
48) t-1,3-Dichloropropene	10.592	75	278558	19.023	ug/l	93
49) cis-1,3-Dichloropropene	10.057	75	311049	20.413	ug/l #	90
50) 1,1,2-Trichloroethane	10.774	97	184885	20.958	ug/l	95
51) Ethyl methacrylate	10.633	69	327606	19.805	ug/l	98
52) 1,3-Dichloropropane	10.921	76	323190	20.670	ug/l	100
53) Dibromochloromethane	11.110	129	185355	19.880	ug/l	91
54) 1,2-Dibromoethane	11.221	107	176928	19.386	ug/l	97
55) 2-Chloroethyl vinyl ether	9.910	63	637761	99.348	ug/l	97
56) Bromoform	12.327	173	126032	17.294	ug/l	99
58) 4-Methyl-2-Pentanone	10.204	43	1796533	113.882	ug/l	97
59) 2-Hexanone	10.963	43	1352119	110.662	ug/l	98
61) Tetrachloroethene	10.845	164	123418	21.765	ug/l	93
62) Toluene	10.374	91	787503	21.156	ug/l	100
64) Chlorobenzene	11.645	112	457283	21.439	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.716	131	164229	20.493	ug/l	98
66) Ethyl Benzene	11.716	91	865624	21.900	ug/l	100
67) m/p-Xylenes	11.827	106	639594	40.301	ug/l	99
68) o-Xylene	12.157	106	329991	20.422	ug/l	98
69) Styrene	12.168	104	517332	19.030	ug/l	99
70) Isopropylbenzene	12.457	105	816020	19.794	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.704	83	302452	20.668	ug/l	99
72) 1,2,3-Trichloropropane	12.757	75	221375m	19.984	ug/l	
73) Bromobenzene	12.733	156	164860	19.903	ug/l	95
74) n-propylbenzene	12.798	91	967784	20.834	ug/l	98
75) 2-Chlorotoluene	12.880	91	563732	20.006	ug/l	99
76) 1,3,5-Trimethylbenzene	12.933	105	679964	19.562	ug/l	100
77) t-1,4-Dichloro-2-butene	12.504	75	108582	18.923	ug/l	95
78) 4-Chlorotoluene	12.980	91	540369	19.136	ug/l	99
79) tert-butylbenzene	13.198	119	588180	19.341	ug/l	99
80) 1,2,4-Trimethylbenzene	13.245	105	666664	19.419	ug/l	98
81) sec-Butylbenzene	13.374	105	847376	19.683	ug/l	98
82) p-Isopropyltoluene	13.492	119	675657	19.078	ug/l	100
83) 1,3-Dichlorobenzene	13.492	146	307510	18.065	ug/l	96
84) 1,4-Dichlorobenzene	13.568	146	307597	18.168	ug/l	97
85) n-Butylbenzene	13.815	91	571681	18.920	ug/l	99
86) Hexachloroethane	14.086	117	142215	20.847	ug/l	100
87) 1,2-Dichlorobenzene	13.862	146	310803	17.850	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.480	75	62264	20.316	ug/l	88
89) 1,2,4-Trichlorobenzene	15.127	180	141288	19.454	ug/l	99
90) Hexachlorobutadiene	15.233	225	67381	21.057	ug/l	99
91) Naphthalene	15.362	128	566912	18.606	ug/l	99
92) 1,2,3-Trichlorobenzene	15.551	180	138483	19.018	ug/l	99

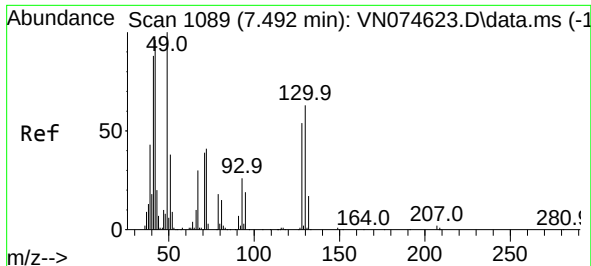
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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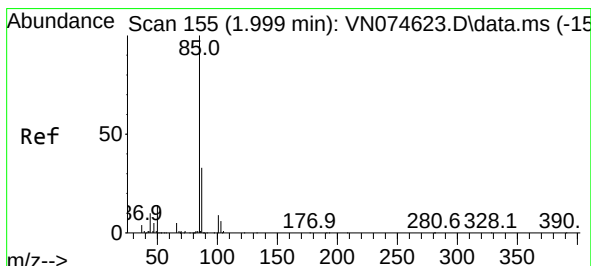
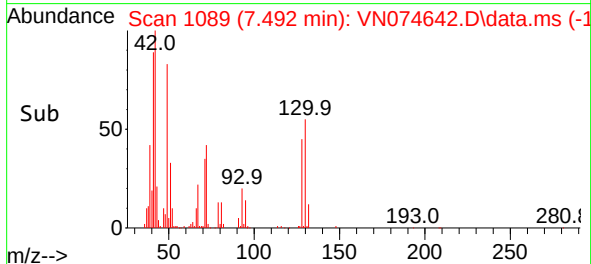
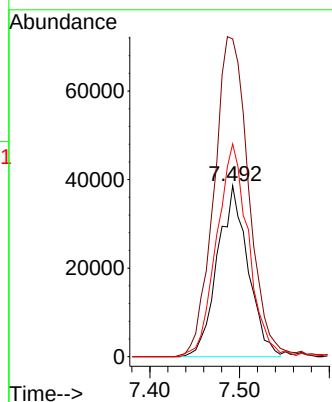
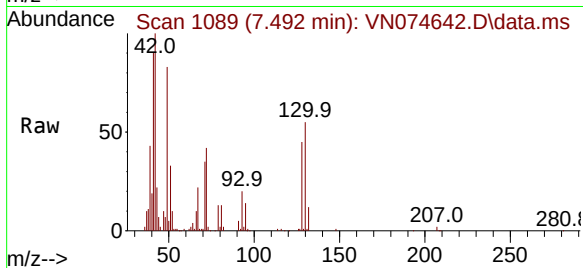




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
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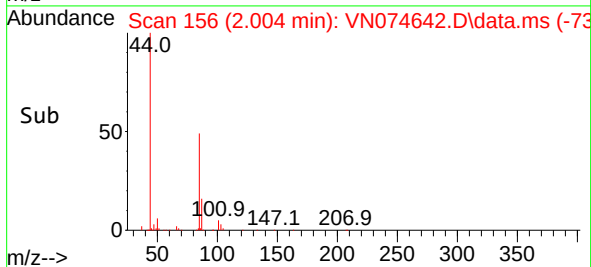
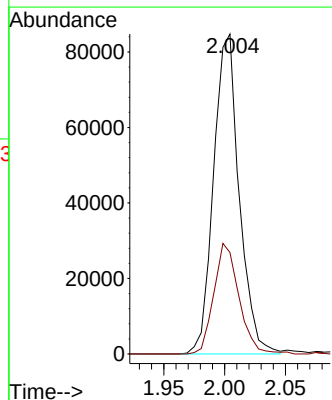
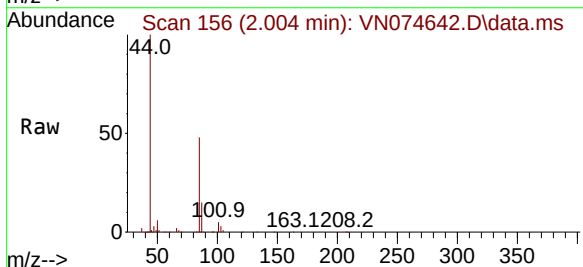
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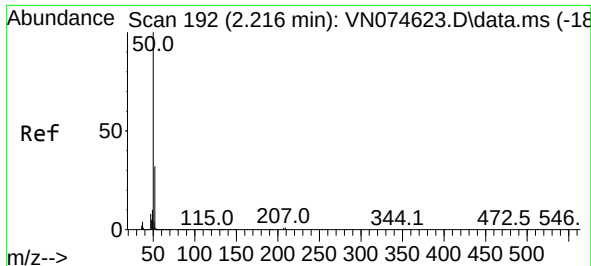
Tgt Ion:128 Resp: 91242
Ion Ratio Lower Upper
128 100
49 212.4 0.0 492.0
130 128.6 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 23.141 ug/l
RT: 2.004 min Scan# 156
Delta R.T. 0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 85 Resp: 124082
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1

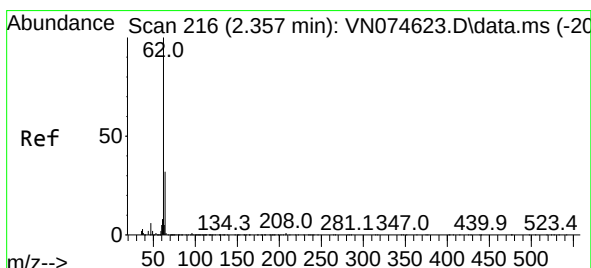
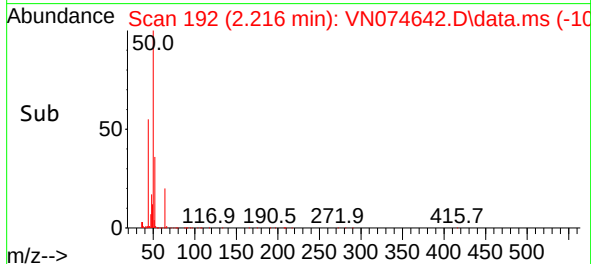
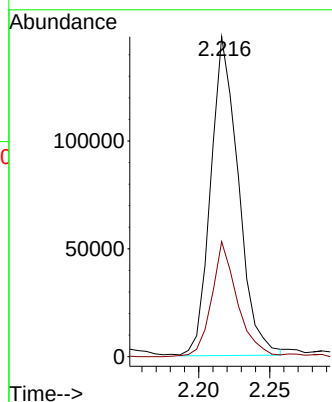
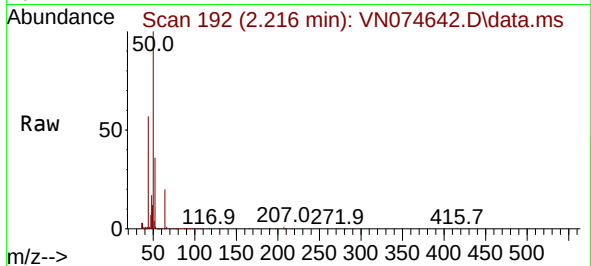




#3
Chloromethane
Concen: 25.473 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

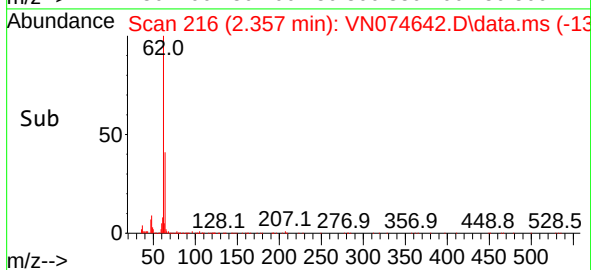
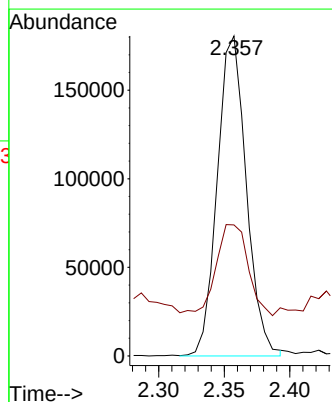
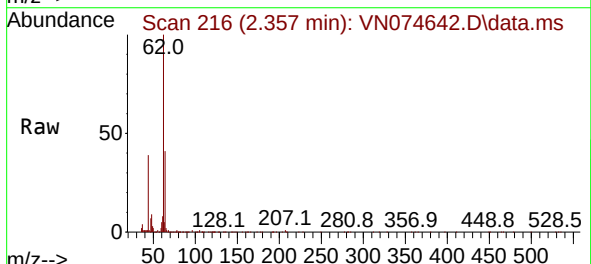
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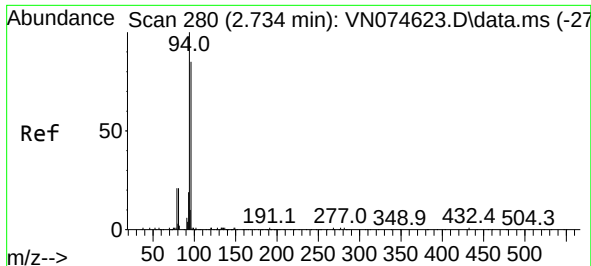
Tgt Ion: 50 Resp: 200588
Ion Ratio Lower Upper
50 100
52 35.8 25.5 38.3



#4
Vinyl Chloride
Concen: 27.556 ug/l
RT: 2.357 min Scan# 216
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 62 Resp: 277792
Ion Ratio Lower Upper
62 100
64 27.5 25.6 38.4

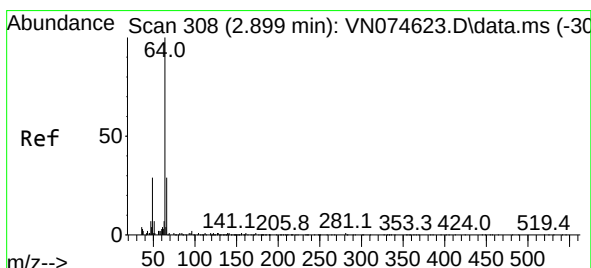
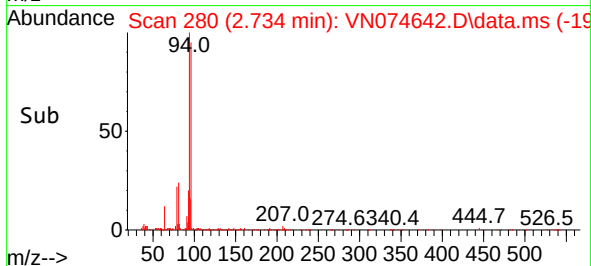
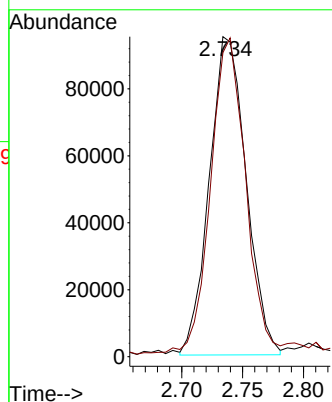
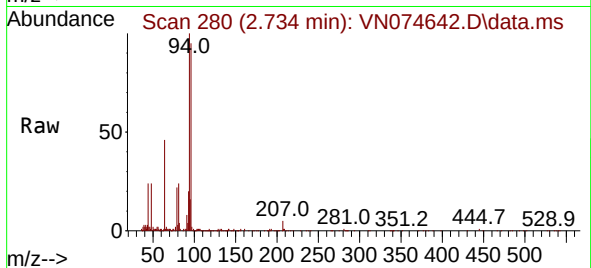




#5
Bromomethane
Concen: 30.789 ug/l
RT: 2.734 min Scan# 280
Delta R.T. -0.000 min
Lab File: VN074642.D
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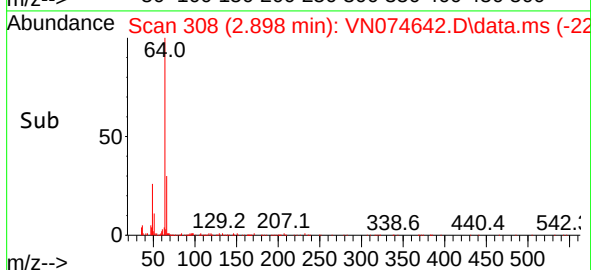
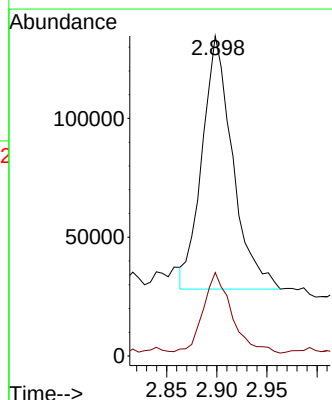
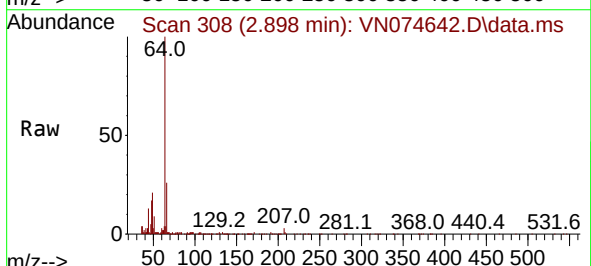
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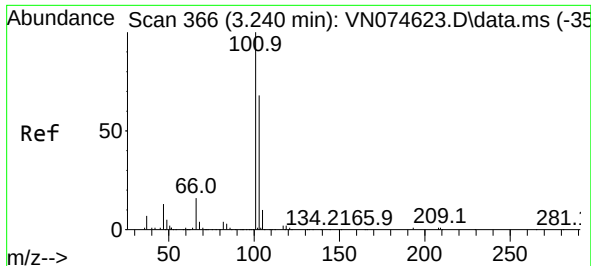
Tgt Ion: 94 Resp: 200057
Ion Ratio Lower Upper
94 100
96 94.0 68.3 102.5



#6
Chloroethane
Concen: 31.750 ug/l
RT: 2.898 min Scan# 308
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 226241
Ion Ratio Lower Upper
64 100
66 31.8 21.8 32.8

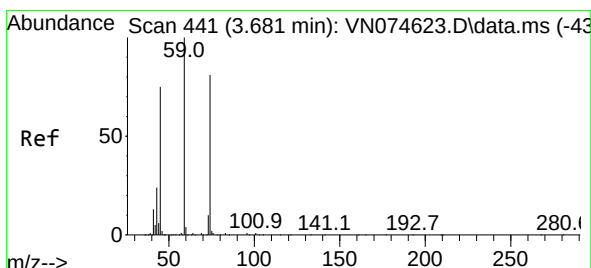
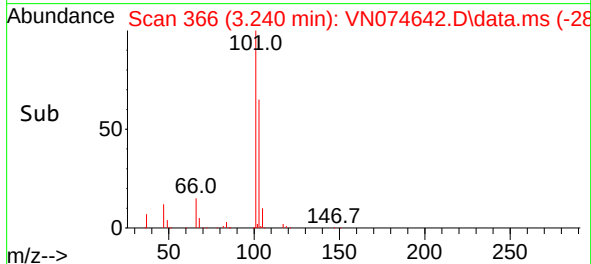
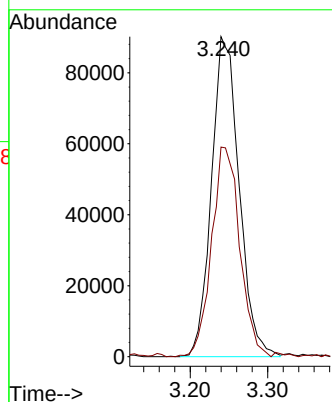
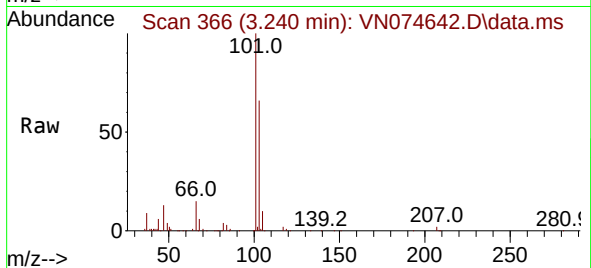




#7
Trichlorofluoromethane
Concen: 23.837 ug/l
RT: 3.240 min Scan# 366
Delta R.T. -0.000 min
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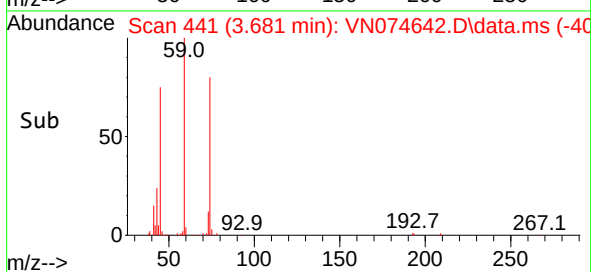
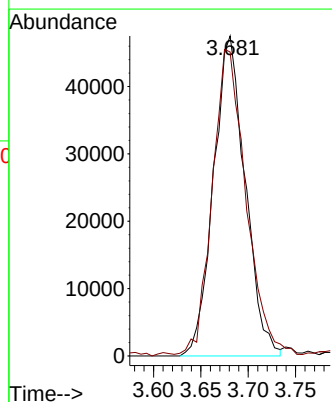
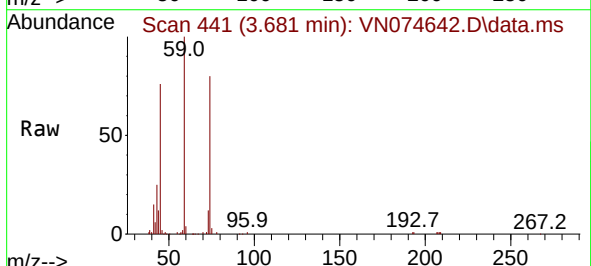
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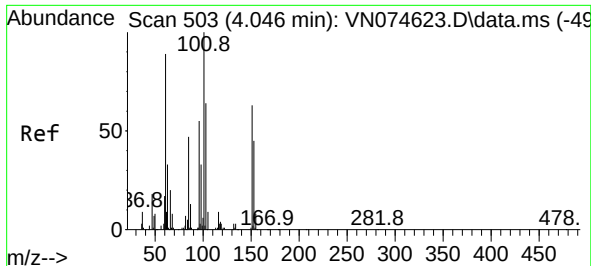
Tgt Ion:101 Resp: 223191
Ion Ratio Lower Upper
101 100
103 65.1 54.8 82.2



#8
Diethyl Ether
Concen: 22.353 ug/l
RT: 3.681 min Scan# 441
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 110401
Ion Ratio Lower Upper
74 100
45 99.6 19.0 171.0

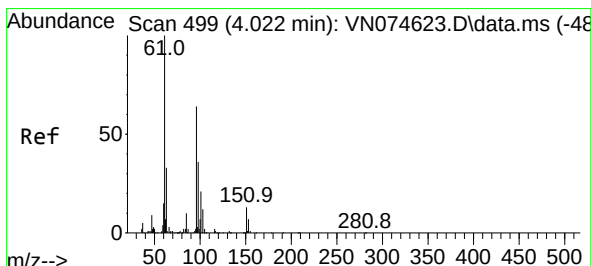
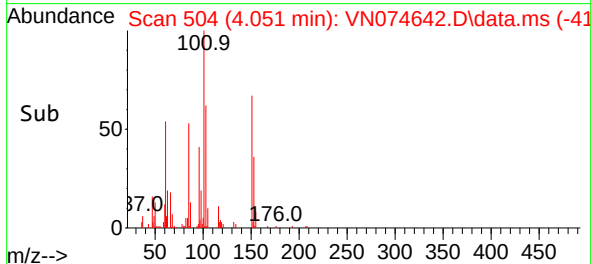
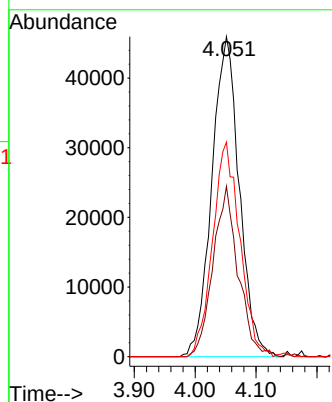
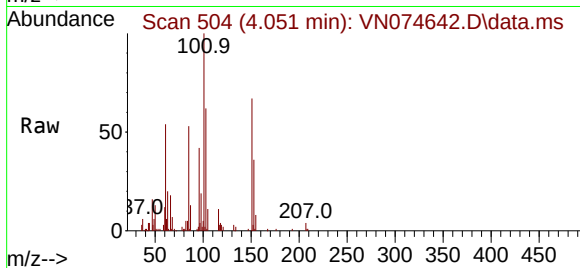




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.950 ug/l
 RT: 4.051 min Scan# 503
 Delta R.T. 0.006 min
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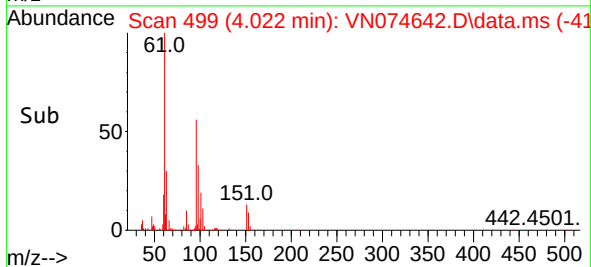
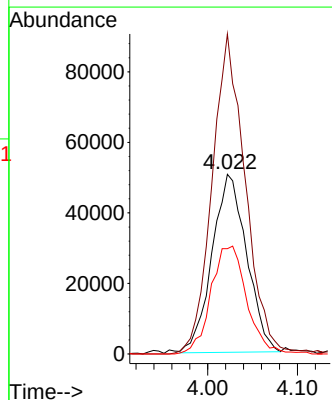
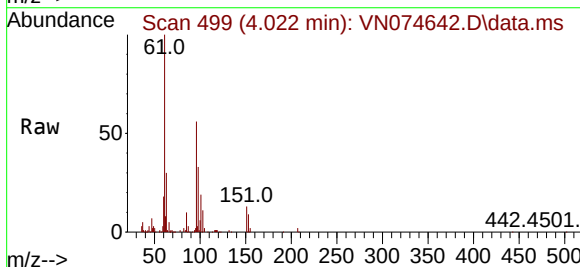
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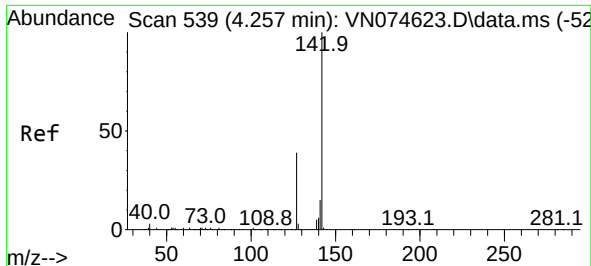
Tgt Ion:101 Resp: 143764
 Ion Ratio Lower Upper
 101 100
 85 48.2 0.0 94.6
 151 66.5 0.0 144.8



#10
 1,1-Dichloroethene
 Concen: 21.830 ug/l
 RT: 4.022 min Scan# 499
 Delta R.T. -0.000 min
 Lab File: VN074642.D
 Acq: 28 Sep 2022 10:31

Tgt Ion: 96 Resp: 135120
 Ion Ratio Lower Upper
 96 100
 61 178.7 125.5 188.3
 98 58.8 45.0 67.4

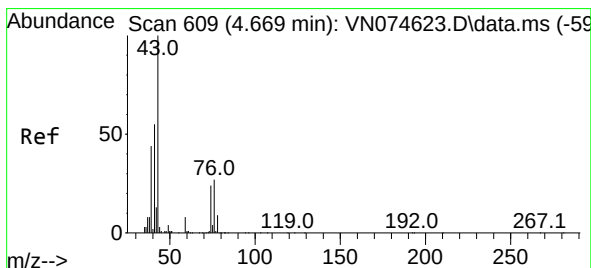
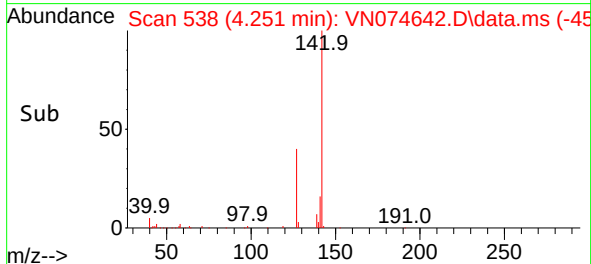
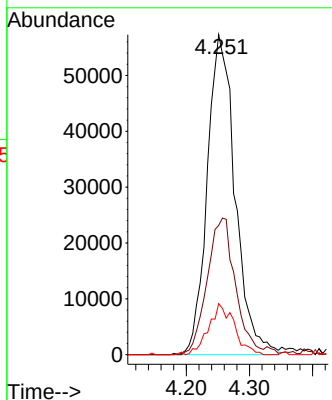
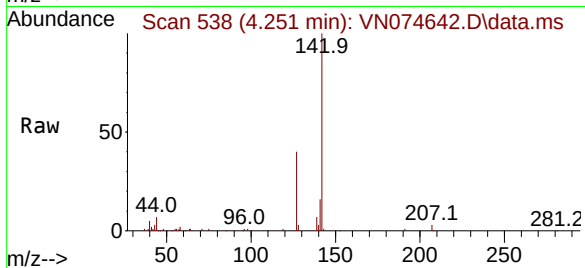




#11
Methyl Iodide
Concen: 22.180 ug/l
RT: 4.251 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

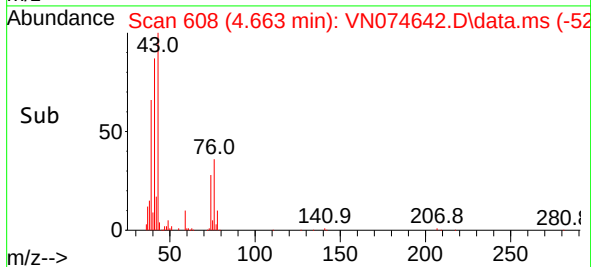
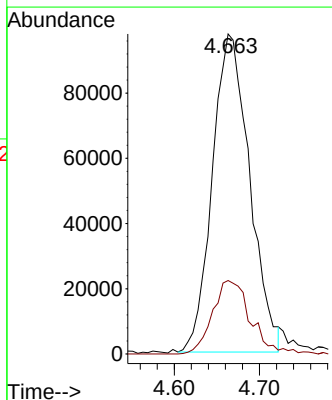
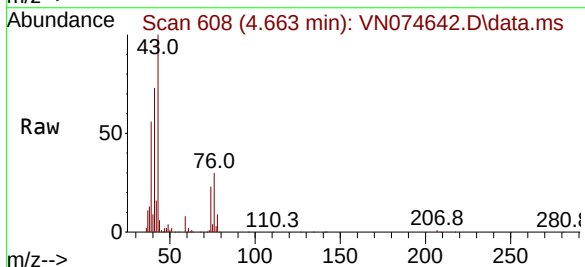
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

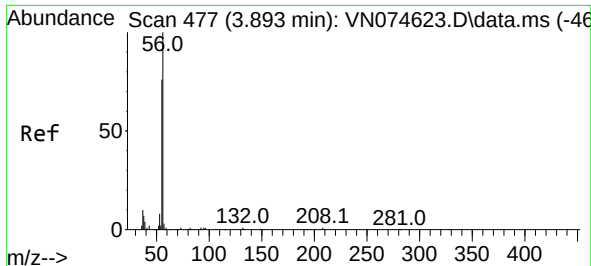
Tgt Ion:142 Resp: 175833
Ion Ratio Lower Upper
142 100
127 40.4 19.3 57.8
141 15.9 7.7 23.1



#12
Methyl Acetate
Concen: 22.393 ug/l
RT: 4.663 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 43 Resp: 296738
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.6

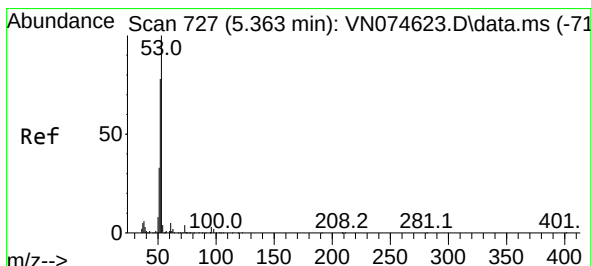
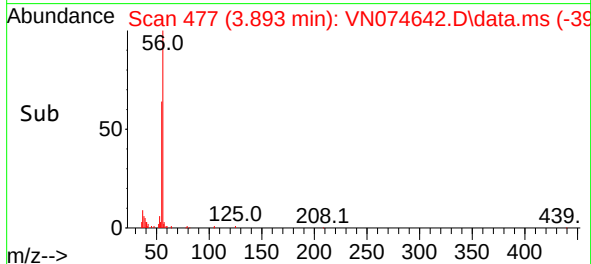
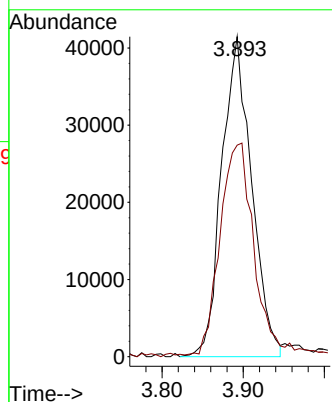
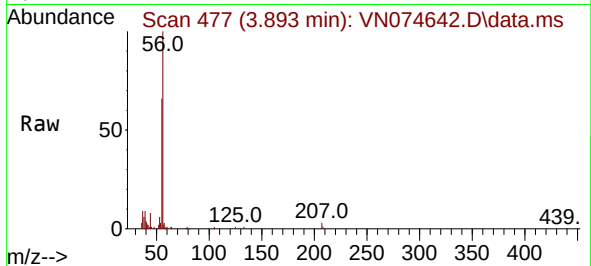




#13
Acrolein
Concen: 98.556 ug/l
RT: 3.893 min Scan# 477
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

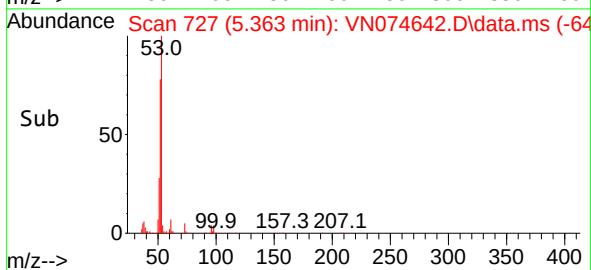
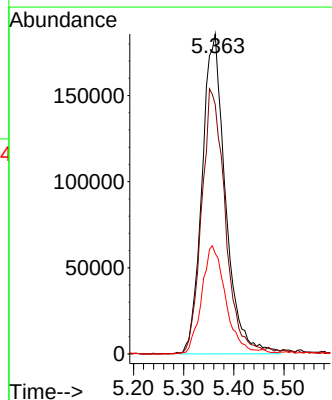
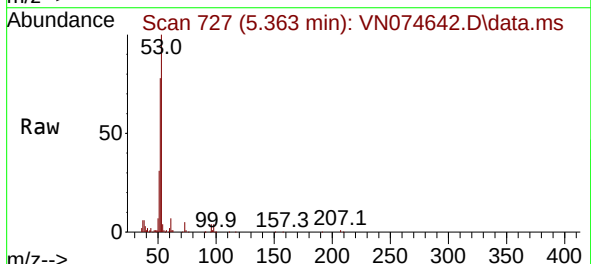
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

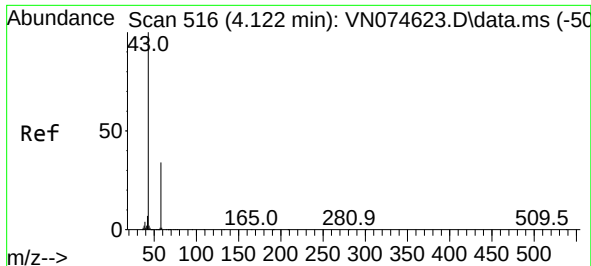
Tgt Ion: 56 Resp: 106301
Ion Ratio Lower Upper
56 100
55 73.6 56.2 84.2



#14
Acrylonitrile
Concen: 112.042 ug/l
RT: 5.363 min Scan# 727
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 53 Resp: 601820
Ion Ratio Lower Upper
53 100
52 83.4 40.8 122.4
51 34.8 17.0 51.0

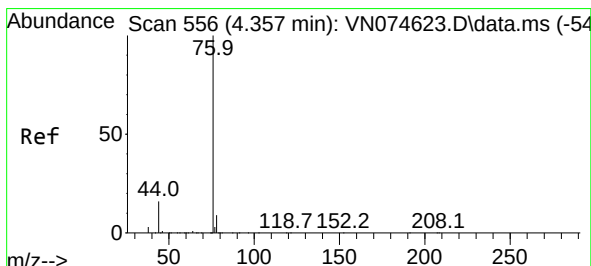
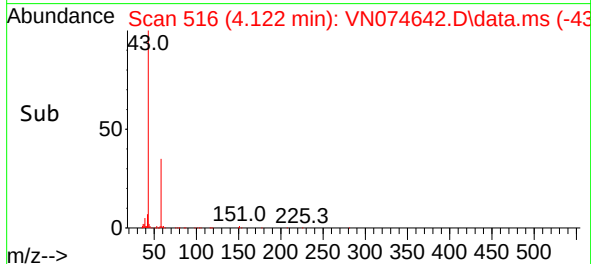
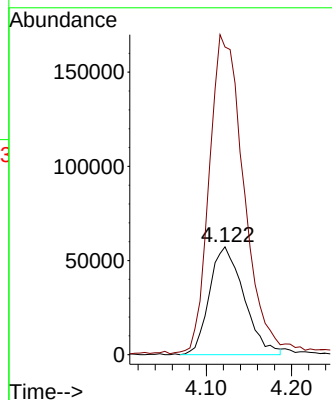
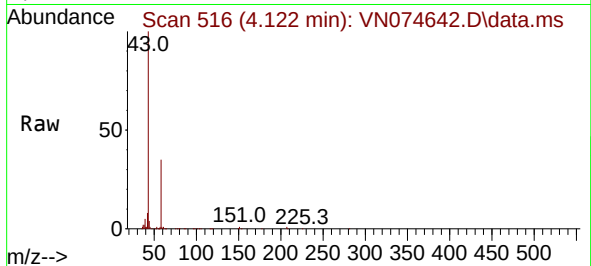




#15
Acetone
Concen: 114.258 ug/l
RT: 4.122 min Scan# 516
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

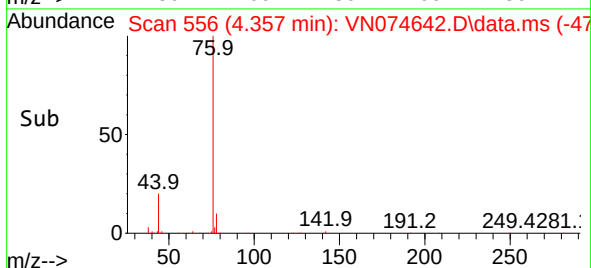
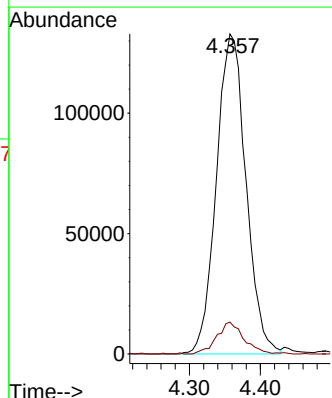
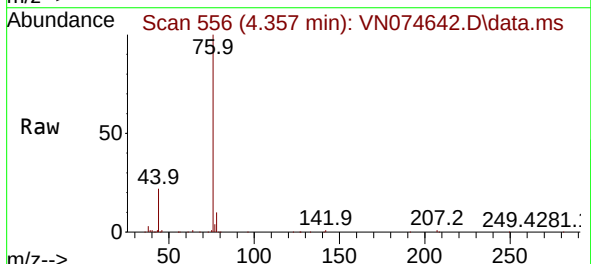
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

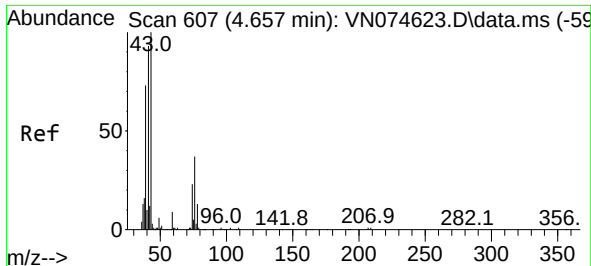
Tgt Ion: 58 Resp: 161194
Ion Ratio Lower Upper
58 100
43 282.9 232.2 348.4



#16
Carbon Disulfide
Concen: 22.101 ug/l
RT: 4.357 min Scan# 556
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 76 Resp: 384452
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

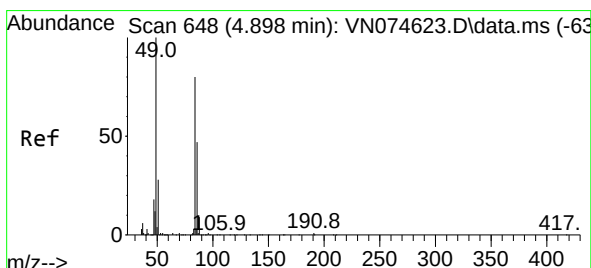
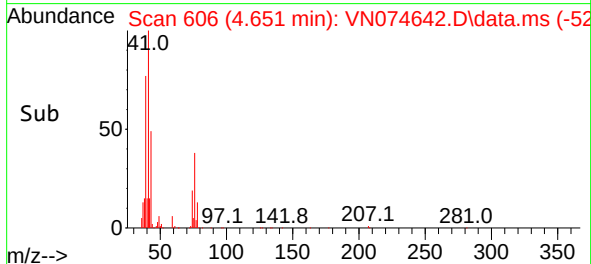
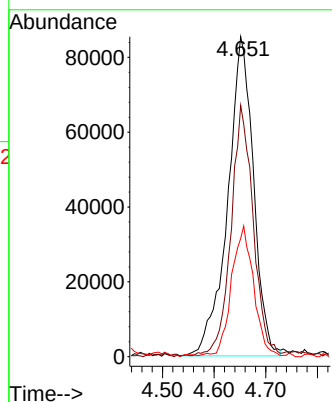
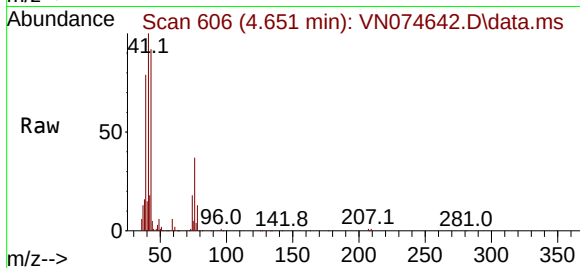




#17
 Allyl chloride
 Concen: 23.428 ug/l
 RT: 4.651 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: VN074642.D
 Acq: 28 Sep 2022 10:31

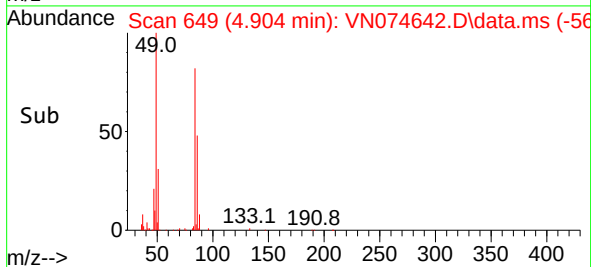
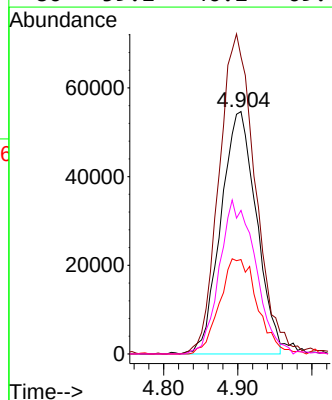
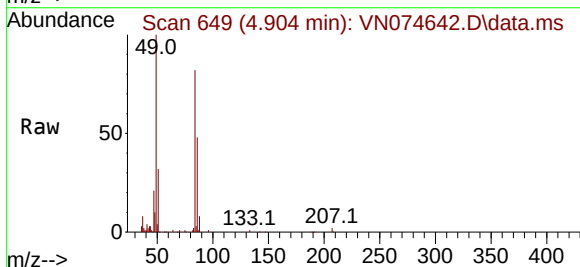
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

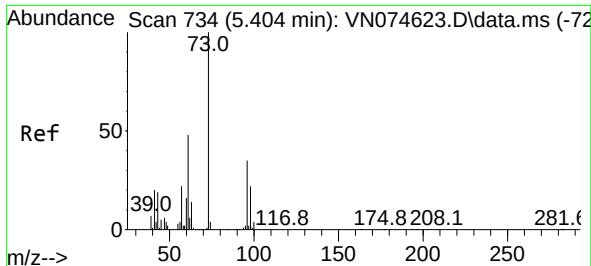
Tgt Ion: 41 Resp: 295700
 Ion Ratio Lower Upper
 41 100
 39 78.4 39.1 117.5
 76 37.0 19.8 59.4



#18
 Methylene Chloride
 Concen: 23.055 ug/l
 RT: 4.904 min Scan# 649
 Delta R.T. 0.006 min
 Lab File: VN074642.D
 Acq: 28 Sep 2022 10:31

Tgt Ion: 84 Resp: 181916
 Ion Ratio Lower Upper
 84 100
 49 122.6 99.6 149.4
 51 38.9 28.2 42.2
 86 59.2 46.2 69.4

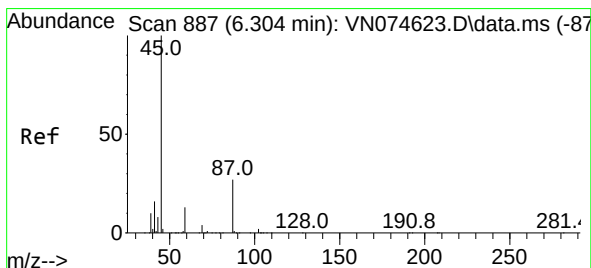
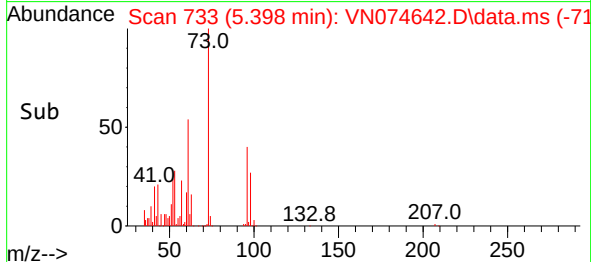
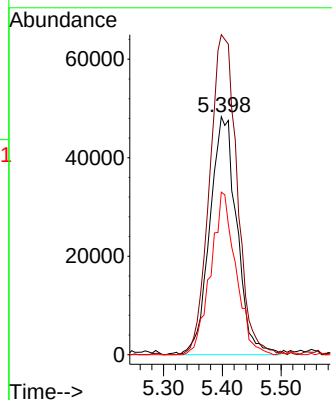
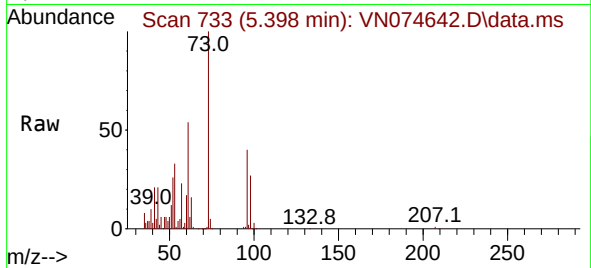




#19
trans-1,2-Dichloroethene
Concen: 22.052 ug/l
RT: 5.398 min Scan# 711
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

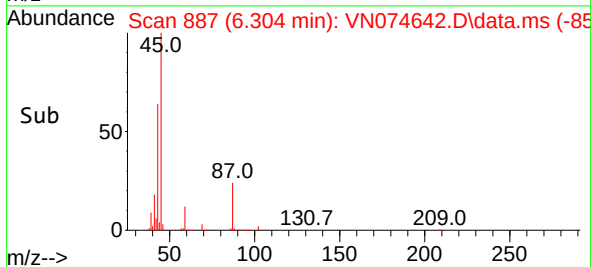
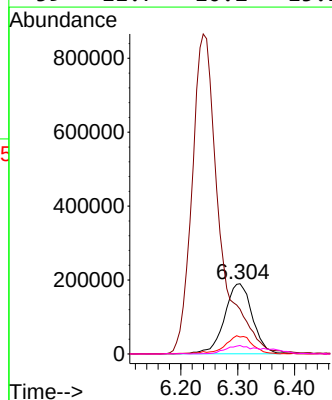
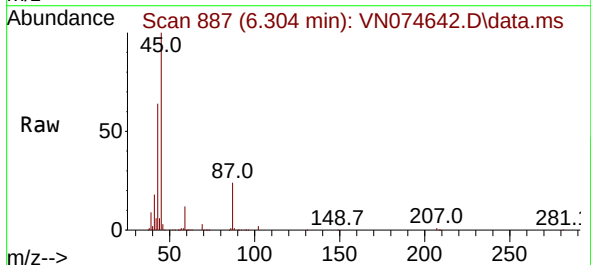
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

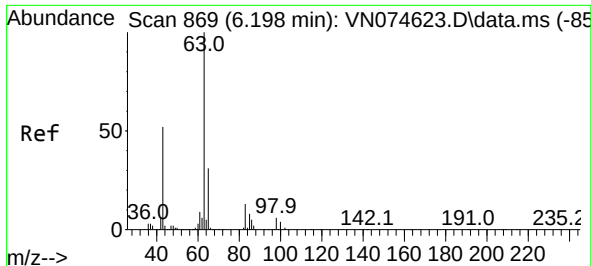
Tgt Ion: 96 Resp: 154259
Ion Ratio Lower Upper
96 100
61 134.6 110.2 165.4
98 68.7 50.0 75.0



#20
Diisopropyl ether
Concen: 23.298 ug/l
RT: 6.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 45 Resp: 643227
Ion Ratio Lower Upper
45 100
43 59.2 47.3 70.9
87 24.0 21.8 32.8
59 11.7 10.2 15.2

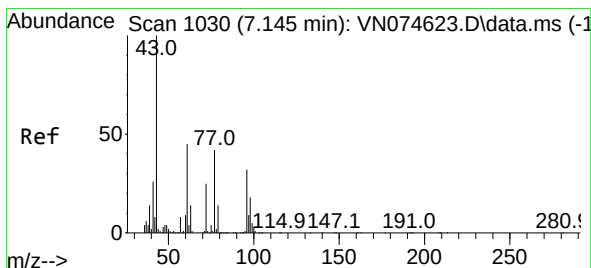
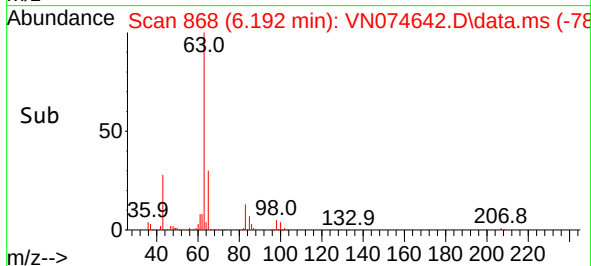
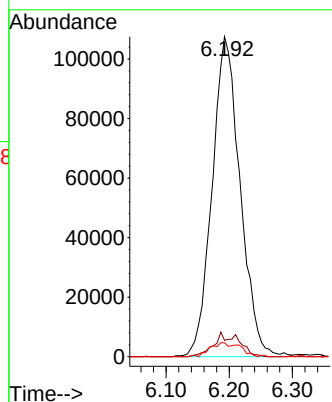
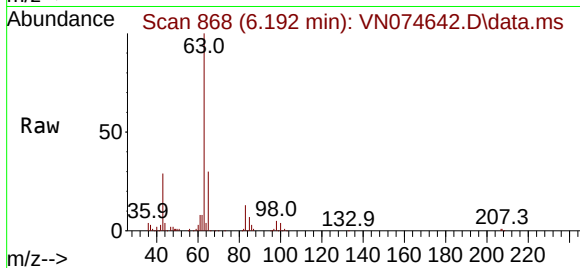




#21
1,1-Dichloroethane
Concen: 23.710 ug/l
RT: 6.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

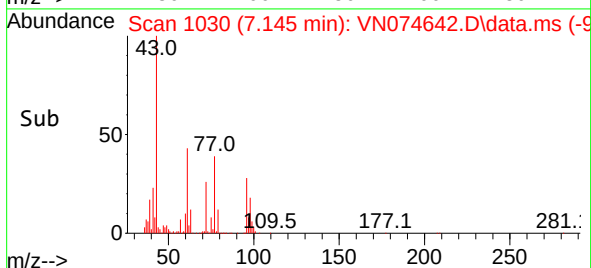
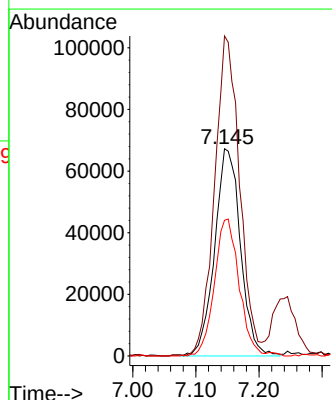
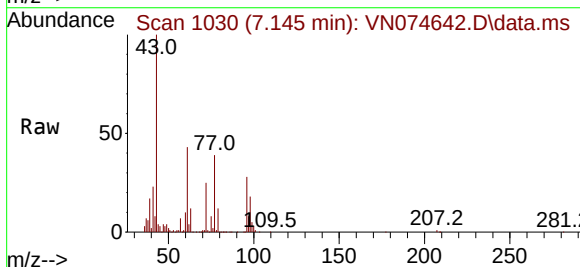
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

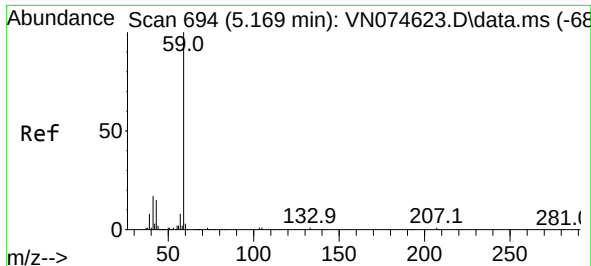
Tgt Ion: 63 Resp: 330586
Ion Ratio Lower Upper
63 100
98 5.1 3.3 9.9
100 4.4 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 22.629 ug/l
RT: 7.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 96 Resp: 190990
Ion Ratio Lower Upper
96 100
61 149.8 118.8 178.2
98 62.8 52.1 78.1

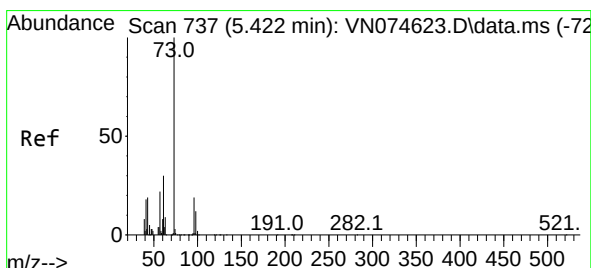
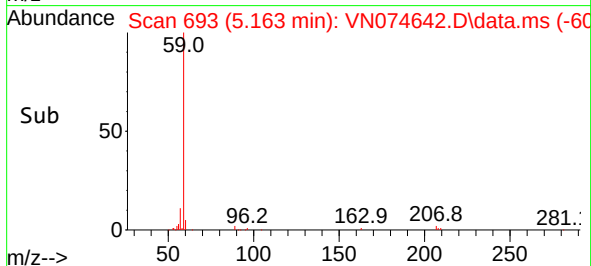
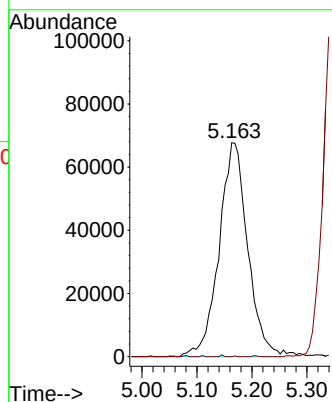
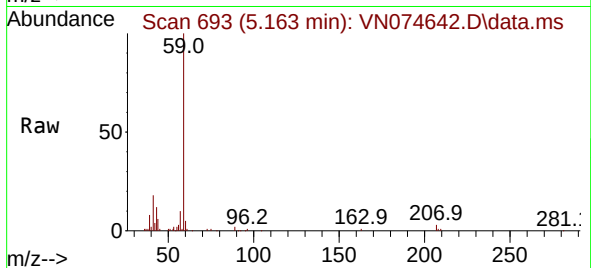




#23
tert-Butyl Alcohol
Concen: 110.224 ug/l
RT: 5.163 min Scan# 694
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

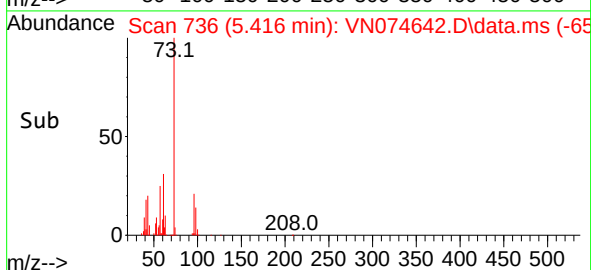
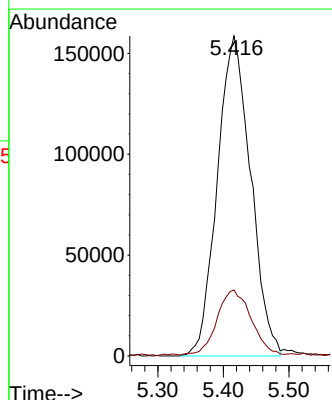
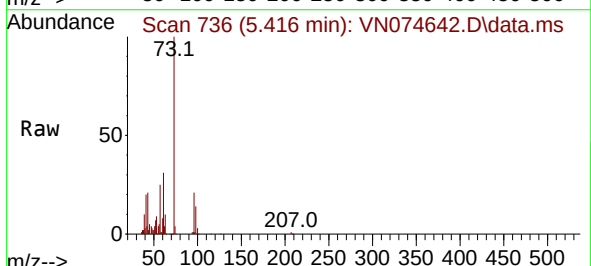
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

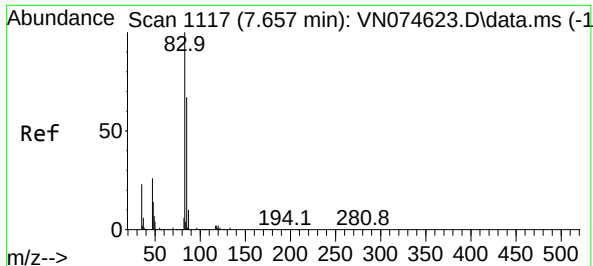
Tgt Ion: 59 Resp: 243787
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 21.852 ug/l
RT: 5.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 73 Resp: 560435
Ion Ratio Lower Upper
73 100
43 20.8 15.6 23.4





#25

Chloroform

Concen: 22.517 ug/l

RT: 7.651 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

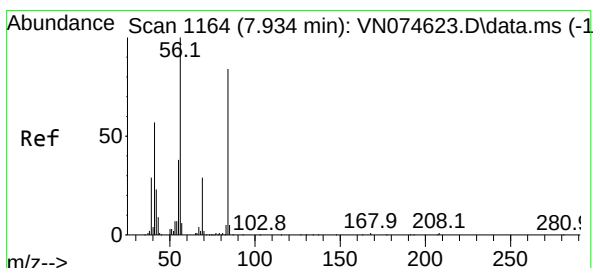
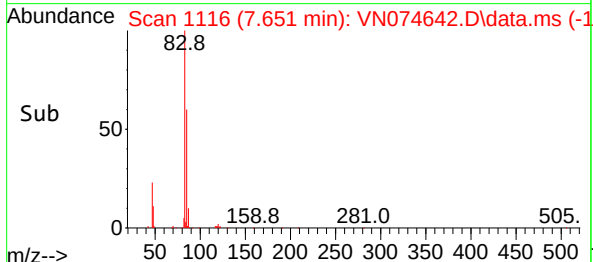
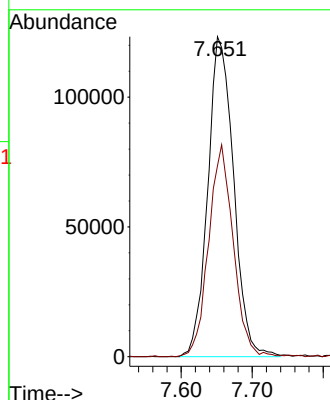
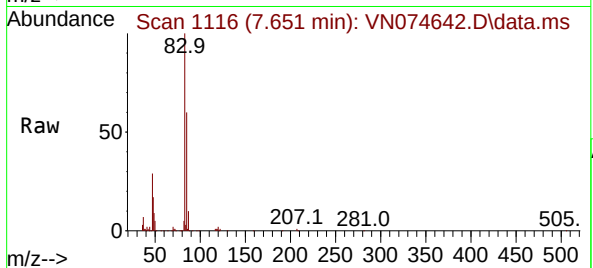
VSTDCCC020

Tgt Ion: 83 Resp: 311232

Ion Ratio Lower Upper

83 100

85 59.3 53.6 80.4



#26

Cyclohexane

Concen: 23.717 ug/l

RT: 7.933 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

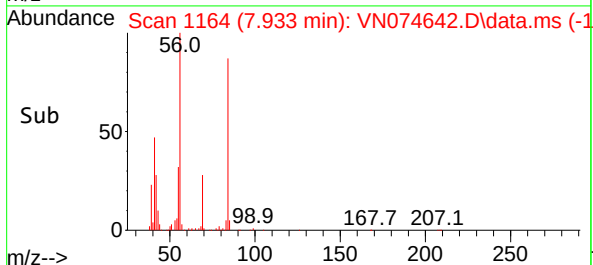
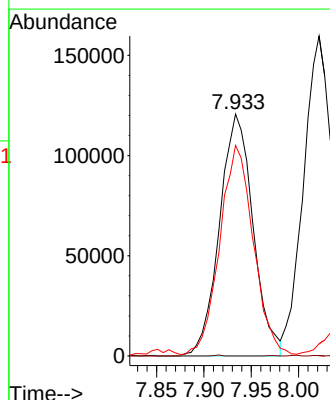
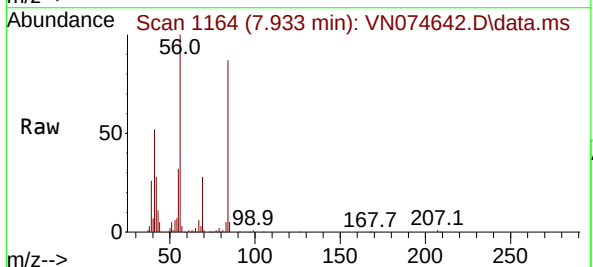
Tgt Ion: 56 Resp: 297355

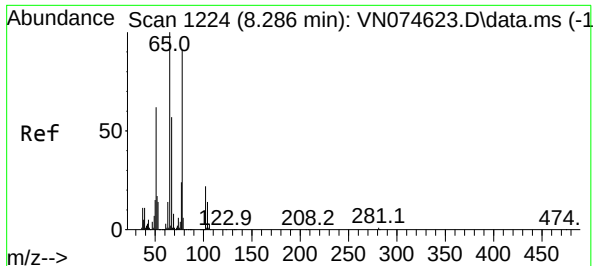
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 87.7 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 32.408 ug/l

RT: 8.286 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

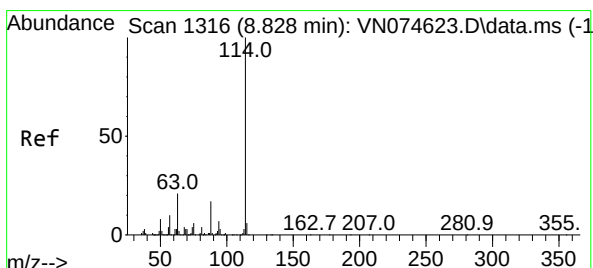
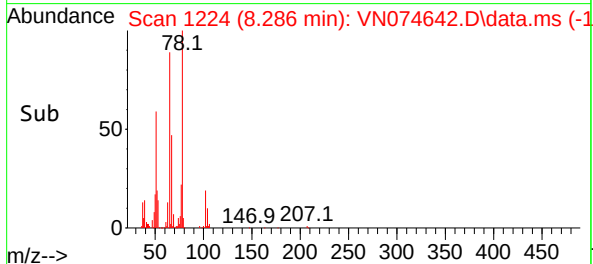
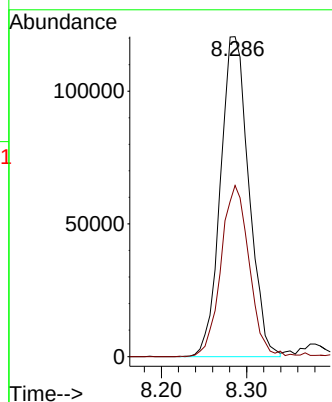
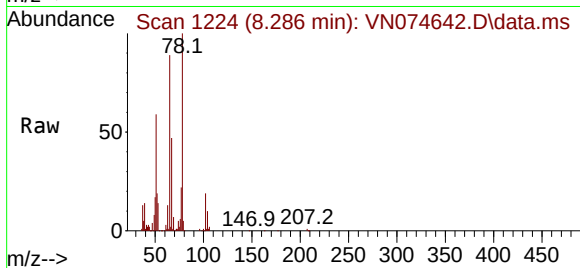
VSTDCCC020

Tgt Ion: 65 Resp: 278813

Ion Ratio Lower Upper

65 100

67 52.8 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: VN074642.D

Acq: 28 Sep 2022 10:31

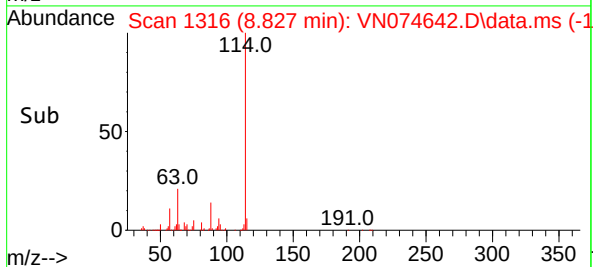
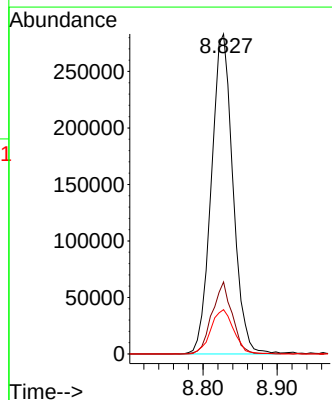
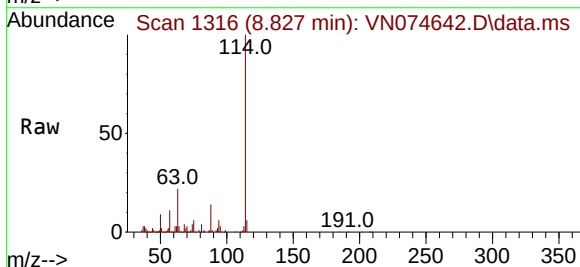
Tgt Ion: 114 Resp: 574442

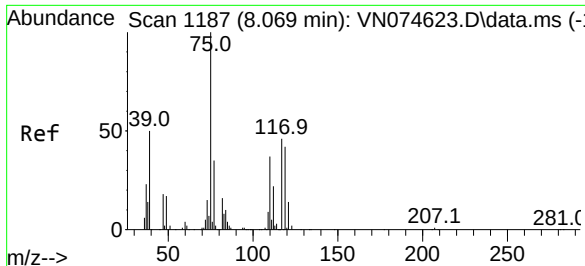
Ion Ratio Lower Upper

114 100

63 21.1 16.6 25.0

88 14.7 12.2 18.4





#29

1,1-Dichloropropene

Concen: 21.908 ug/l

RT: 8.063 min Scan# 1186

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

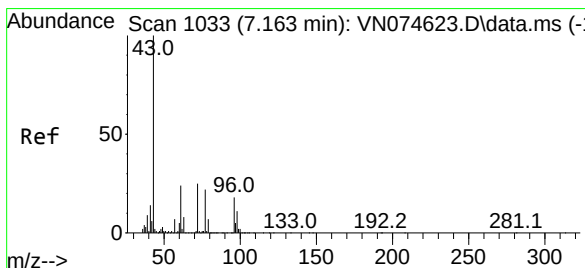
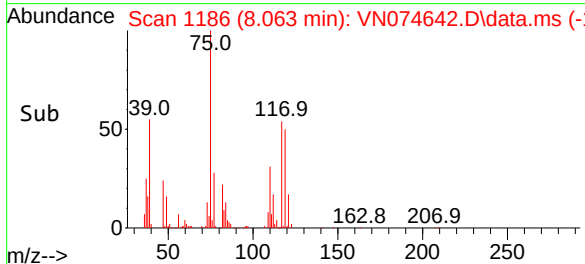
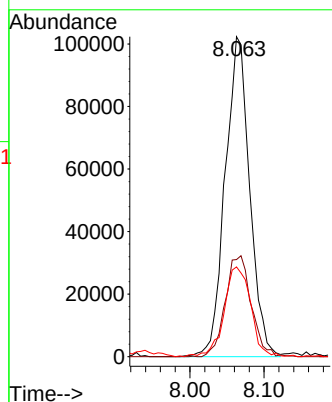
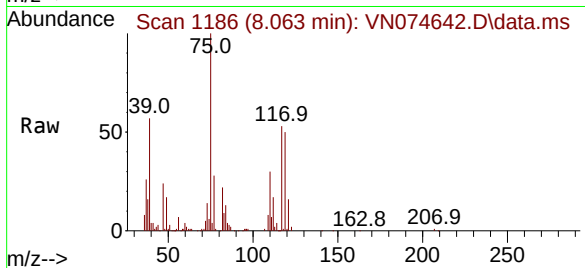
Tgt Ion: 75 Resp: 235067

Ion Ratio Lower Upper

75 100

110 33.1 0.0 72.2

77 30.1 0.0 64.0



#30

2-Butanone

Concen: 106.851 ug/l

RT: 7.157 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

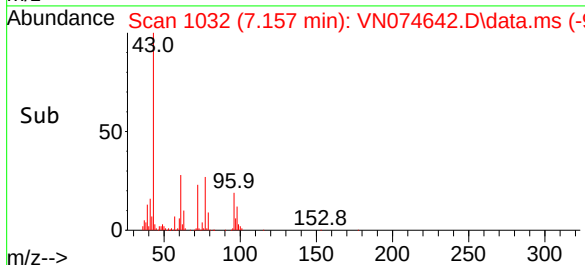
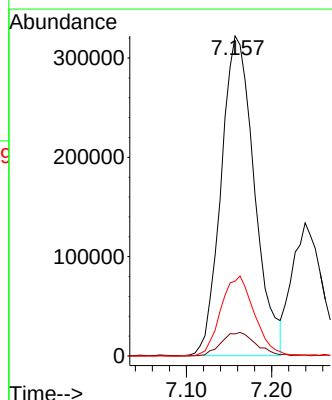
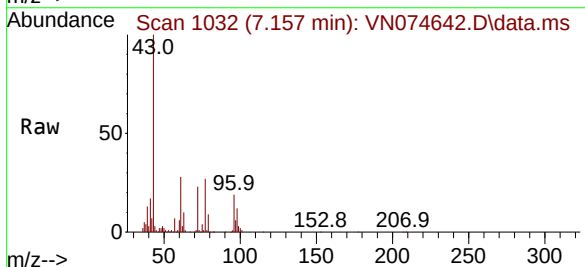
Tgt Ion: 43 Resp: 874668

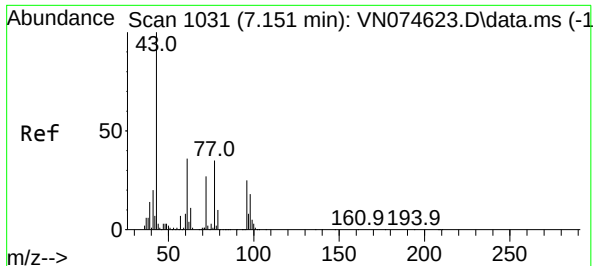
Ion Ratio Lower Upper

43 100

57 7.7 6.3 9.5

72 25.2 21.0 31.4





#31

2,2-Dichloropropane

Concen: 21.800 ug/l

RT: 7.145 min Scan# 1150

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

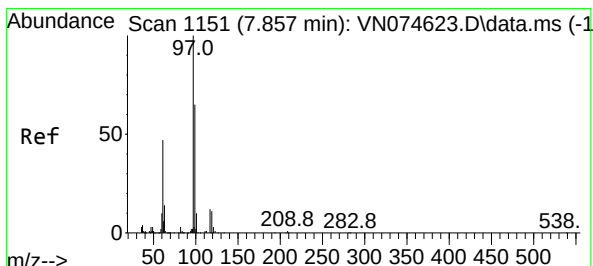
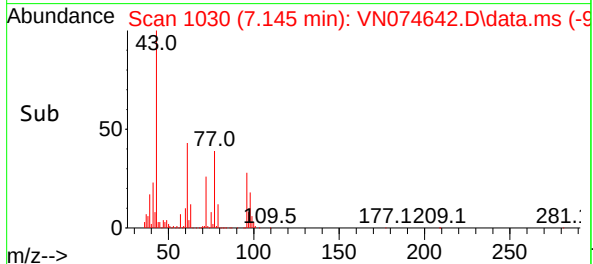
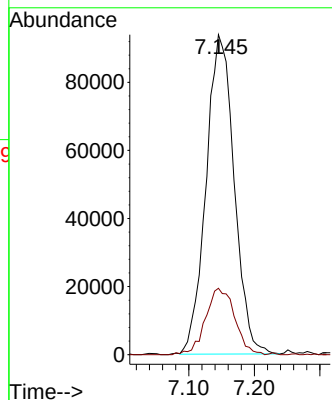
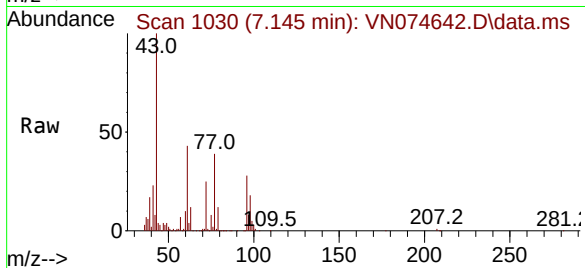
VSTDCCC020

Tgt Ion: 77 Resp: 279222

Ion Ratio Lower Upper

77 100

97 21.2 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 21.018 ug/l

RT: 7.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

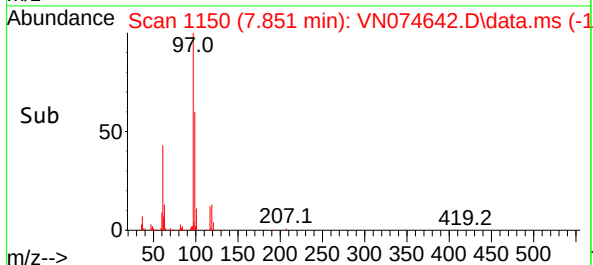
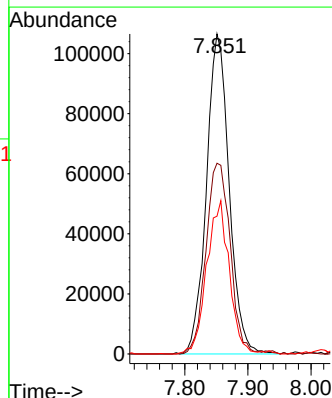
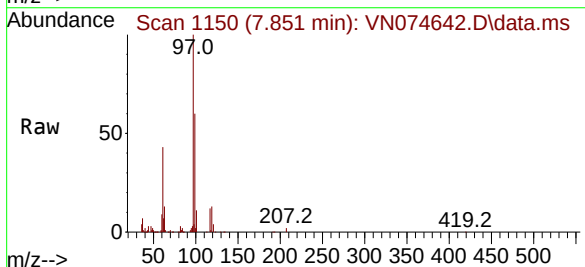
Tgt Ion: 97 Resp: 266397

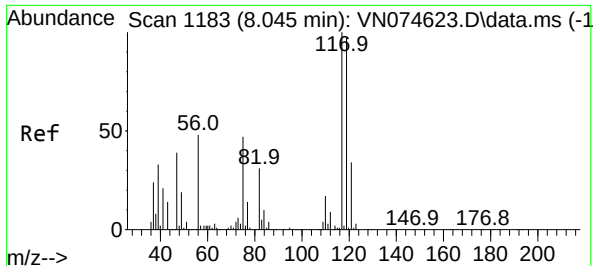
Ion Ratio Lower Upper

97 100

99 63.4 50.0 75.0

61 47.3 36.1 54.1

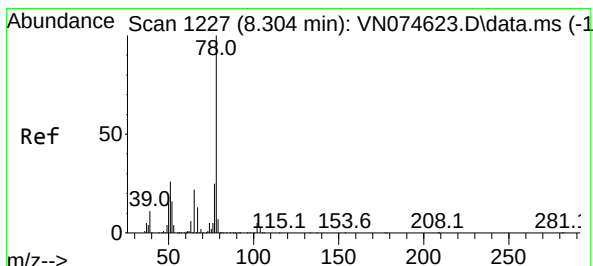
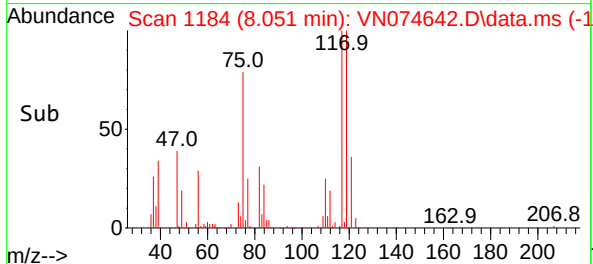
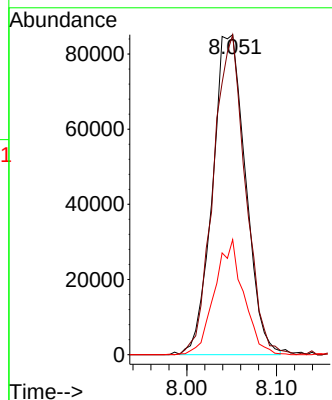
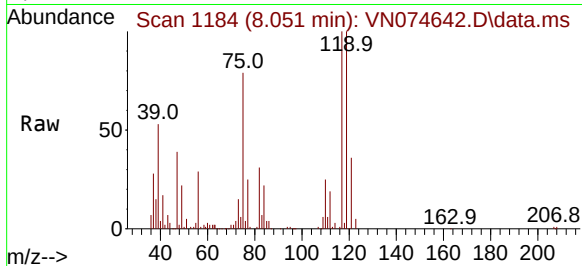




#33
Carbon Tetrachloride
Concen: 20.510 ug/l
RT: 8.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

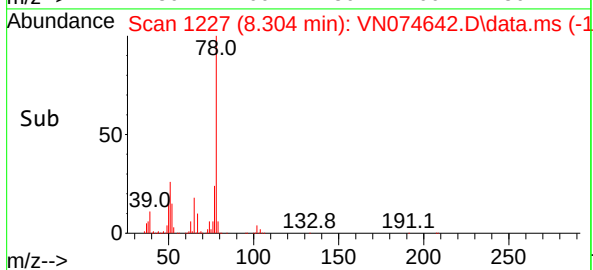
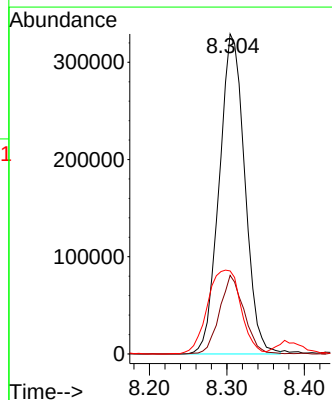
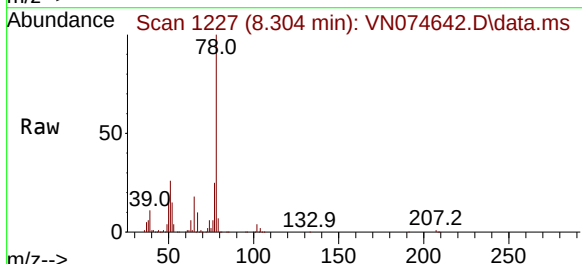
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

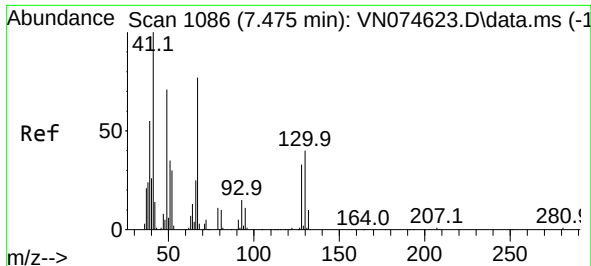
Tgt Ion:117 Resp: 217423
Ion Ratio Lower Upper
117 100
119 99.9 77.8 116.6
121 35.7 27.6 41.4



#34
Benzene
Concen: 21.239 ug/l
RT: 8.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 78 Resp: 754379
Ion Ratio Lower Upper
78 100
77 24.5 19.9 29.9
51 25.9 21.1 31.7



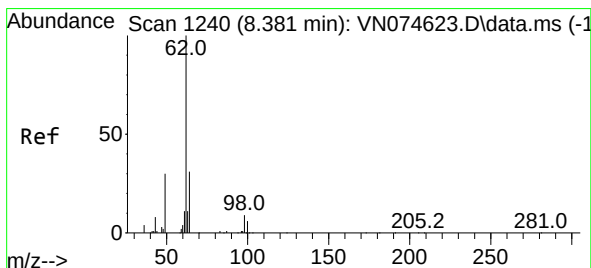
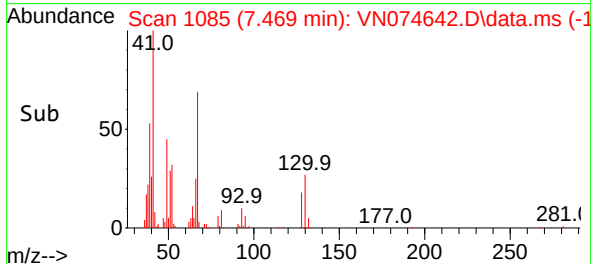
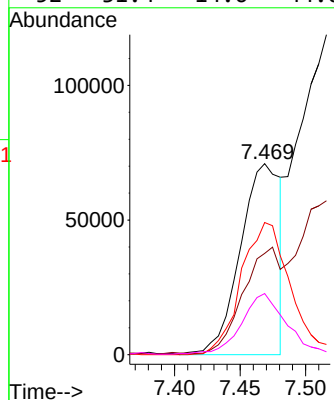
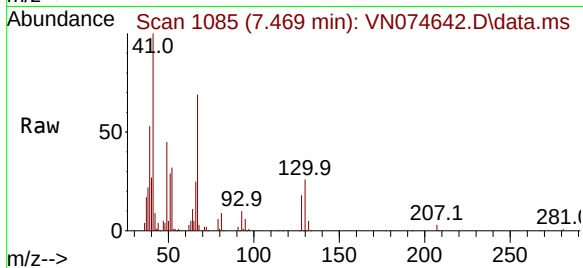


#35
Methacrylonitrile
Concen: 19.383 ug/l
RT: 7.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 150955

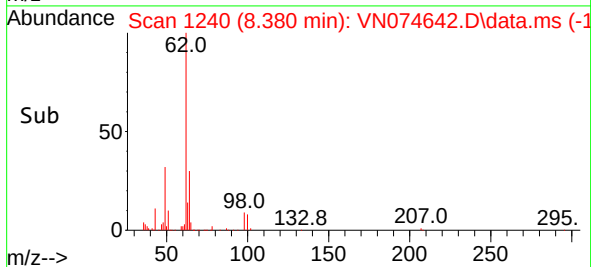
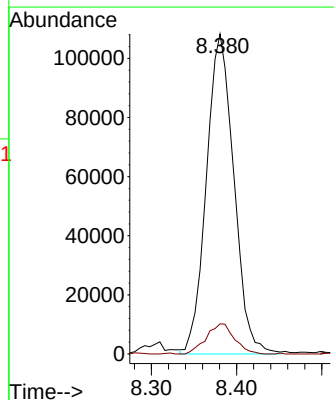
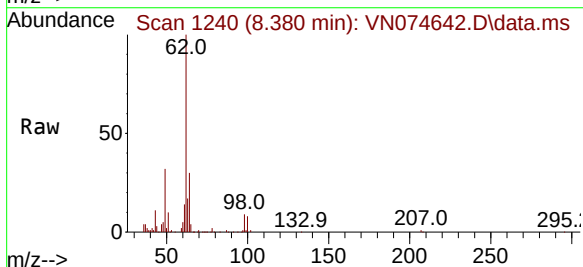
Ion	Ratio	Lower	Upper
41	100		
39	52.2	27.7	83.1
67	69.2	38.0	113.9
52	31.4	14.6	44.0

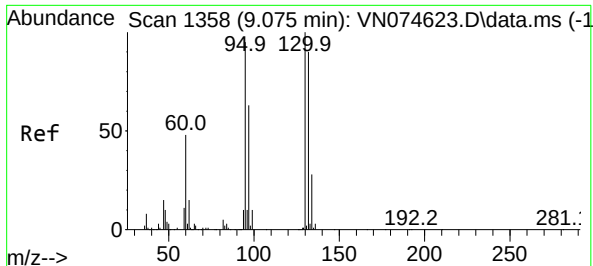


#36
1,2-Dichloroethane
Concen: 20.935 ug/l
RT: 8.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 62 Resp: 242817

Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.4	11.2





#37

Trichloroethene

Concen: 21.519 ug/l

RT: 9.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

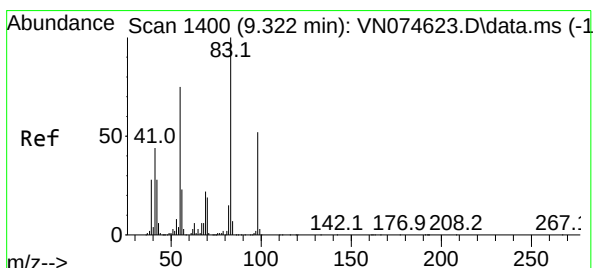
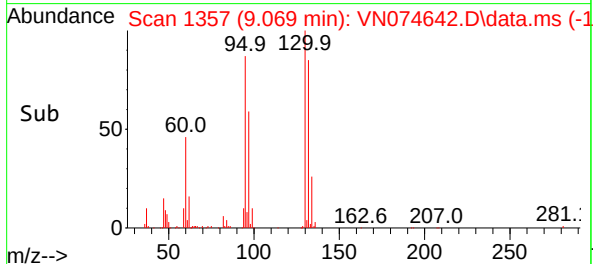
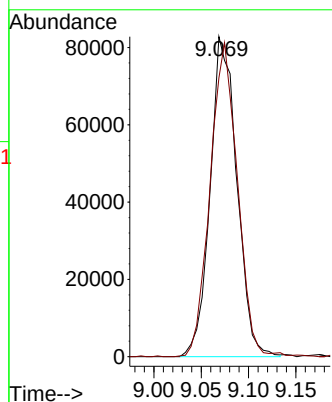
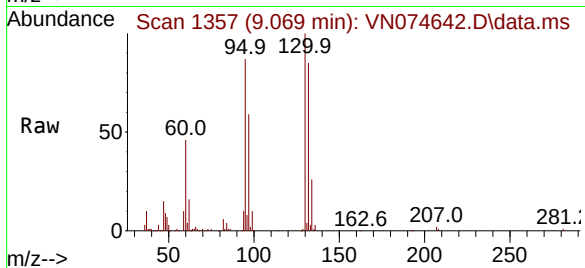
VSTDCCC020

Tgt Ion:130 Resp: 162298

Ion Ratio Lower Upper

130 100

95 86.9 75.9 113.9



#38

Methylcyclohexane

Concen: 21.732 ug/l

RT: 9.322 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

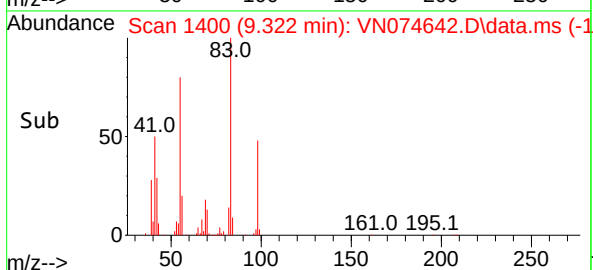
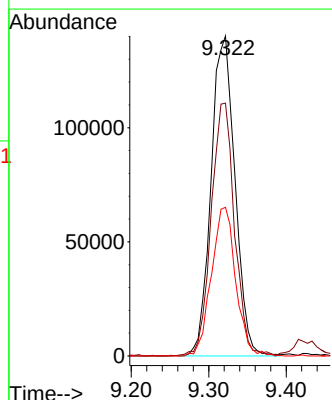
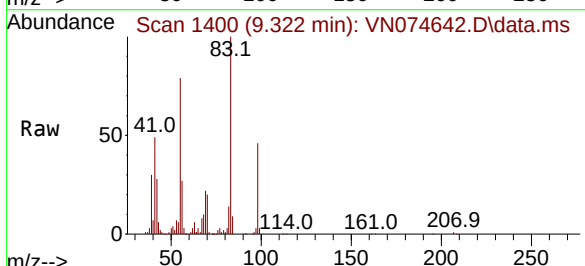
Tgt Ion: 83 Resp: 301784

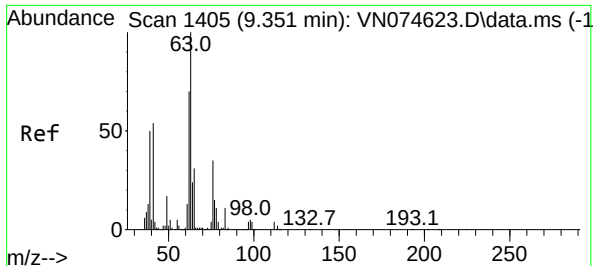
Ion Ratio Lower Upper

83 100

55 76.7 37.4 112.2

98 47.1 24.5 73.5





#39

1,2-Dichloropropane

Concen: 21.749 ug/l

RT: 9.351 min Scan# 1405

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

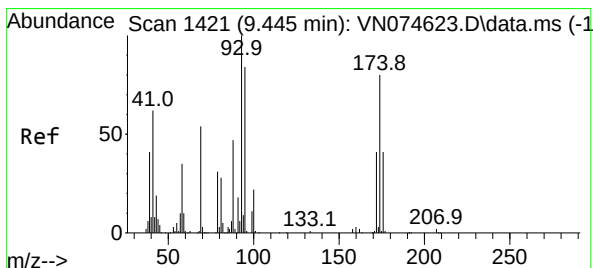
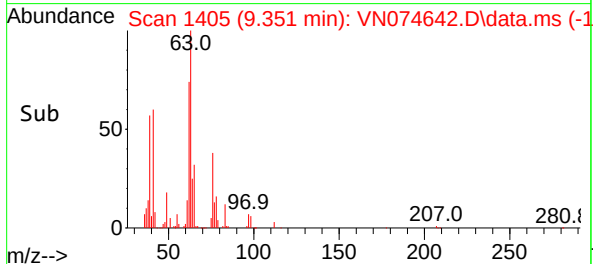
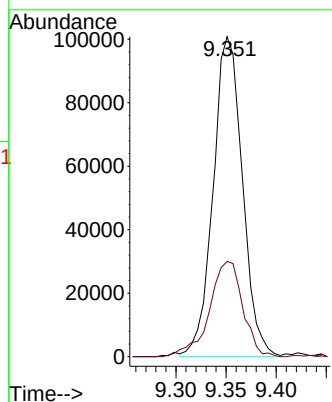
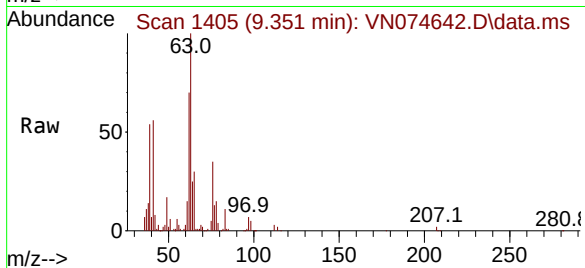
VSTDCCC020

Tgt Ion: 63 Resp: 204531

Ion Ratio Lower Upper

63 100

65 29.9 25.0 37.6



#40

Dibromomethane

Concen: 20.862 ug/l

RT: 9.439 min Scan# 1420

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

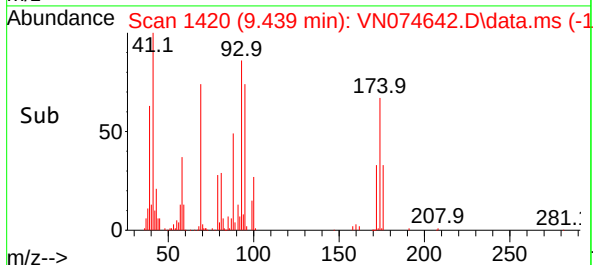
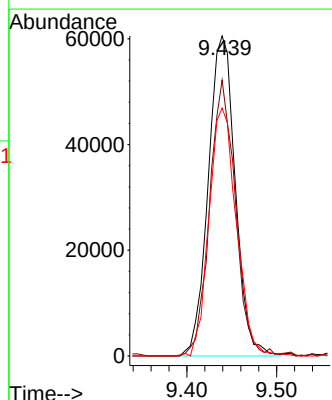
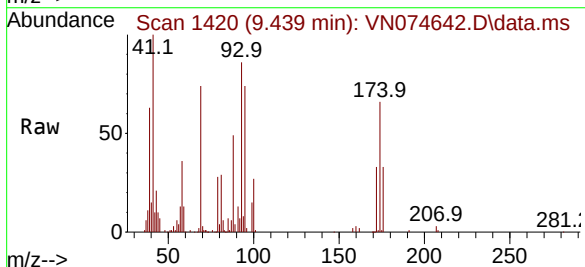
Tgt Ion: 93 Resp: 126591

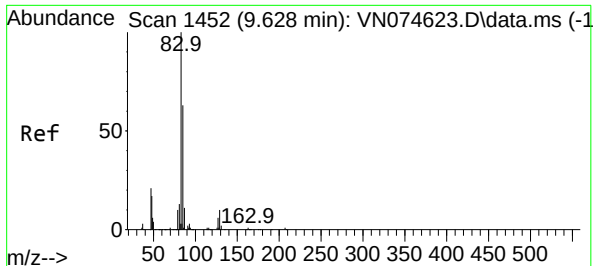
Ion Ratio Lower Upper

93 100

95 81.1 0.0 168.0

174 78.2 0.0 158.4

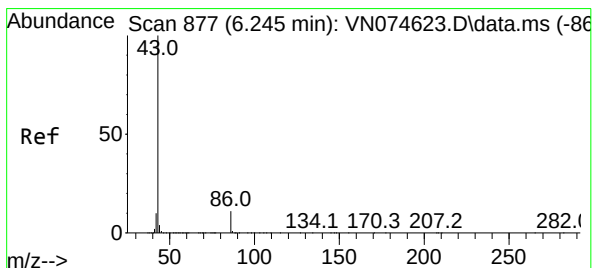
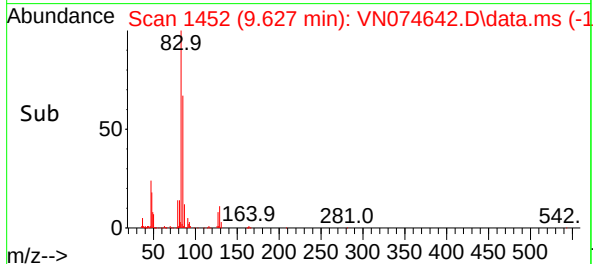
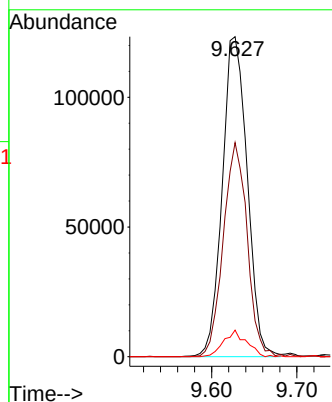
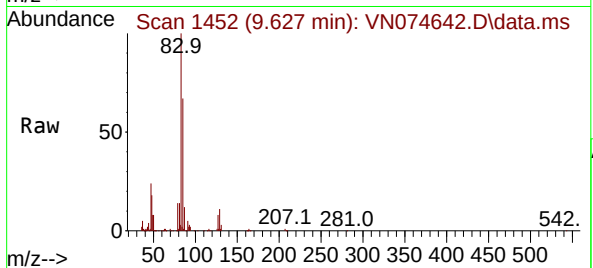




#41
Bromodichloromethane
Concen: 20.789 ug/l
RT: 9.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

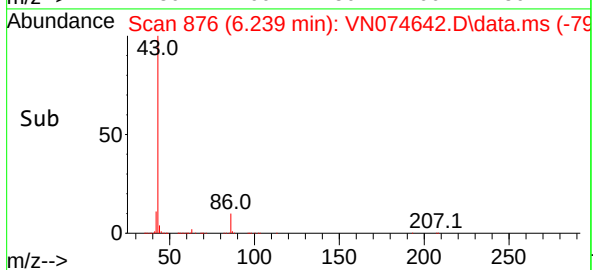
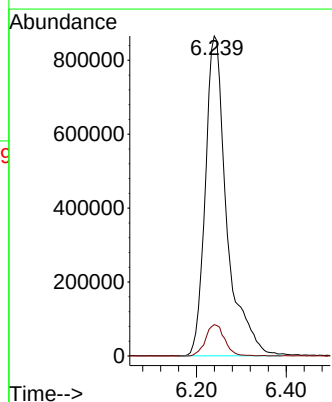
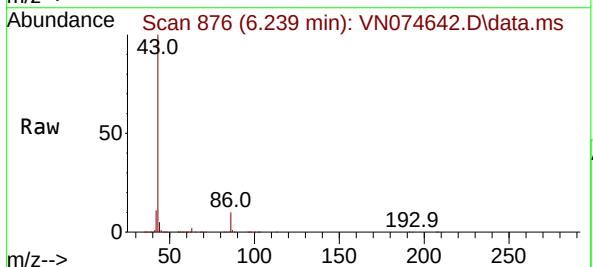
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

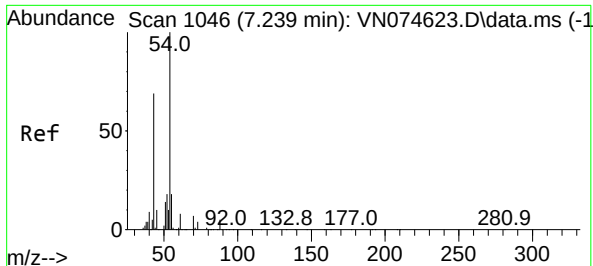
Tgt Ion: 83 Resp: 250755
Ion Ratio Lower Upper
83 100
85 66.9 50.2 75.4
127 9.2 5.1 7.7#



#42
Vinyl Acetate
Concen: 107.885 ug/l
RT: 6.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 43 Resp: 2870711
Ion Ratio Lower Upper
43 100
86 8.7 7.5 11.3





#43

Ethyl Acetate

Concen: 21.168 ug/l

RT: 7.239 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

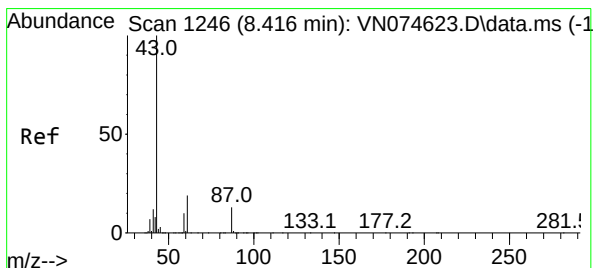
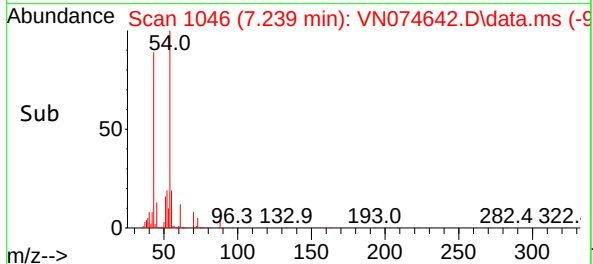
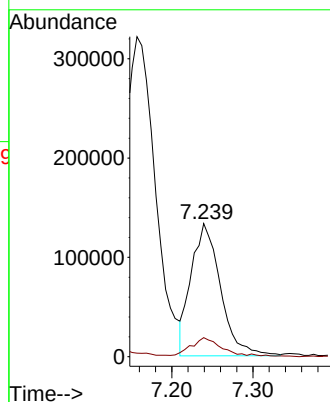
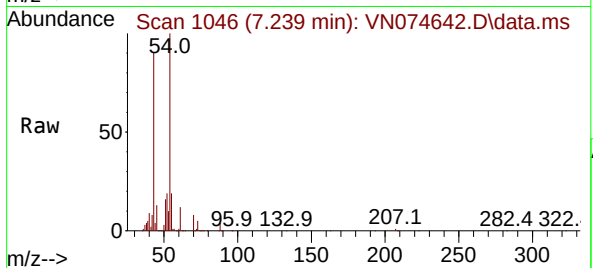
VSTDCCC020

Tgt Ion: 43 Resp: 335608

Ion Ratio Lower Upper

43 100

45 13.6 11.5 17.3



#44

Isopropyl Acetate

Concen: 21.858 ug/l

RT: 8.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VN074642.D

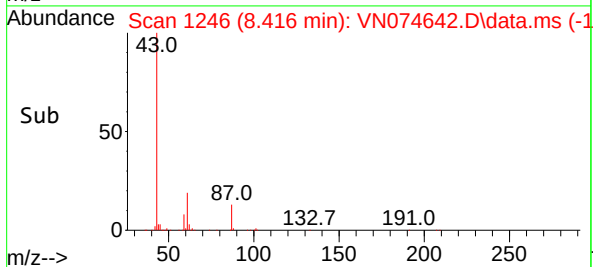
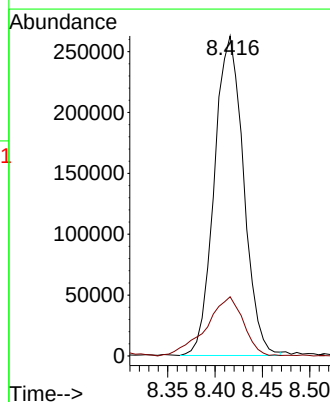
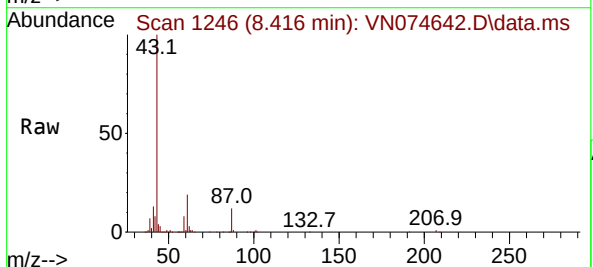
Acq: 28 Sep 2022 10:31

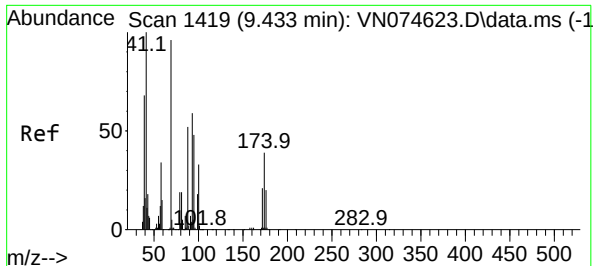
Tgt Ion: 43 Resp: 562758

Ion Ratio Lower Upper

43 100

61 23.6 19.5 29.3

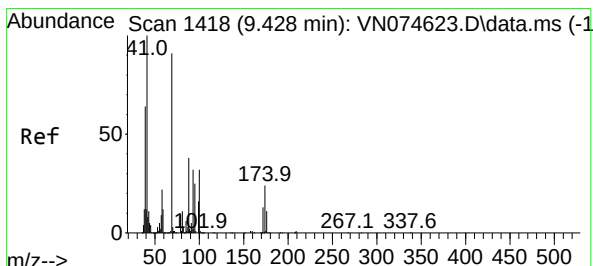
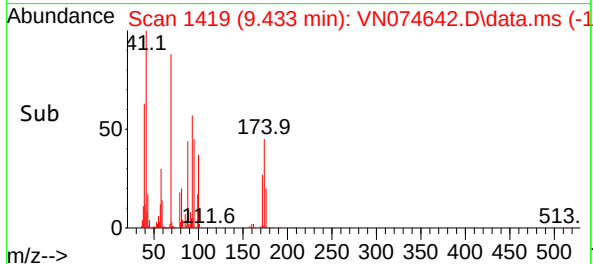
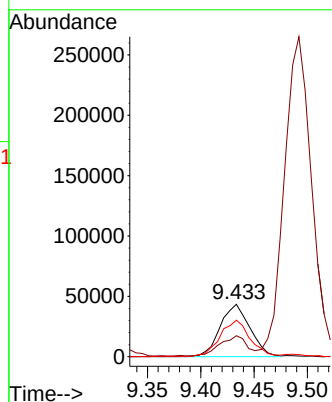
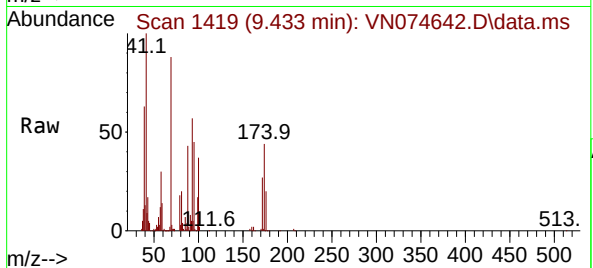




#45
1,4-Dioxane
Concen: 383.762 ug/l
RT: 9.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

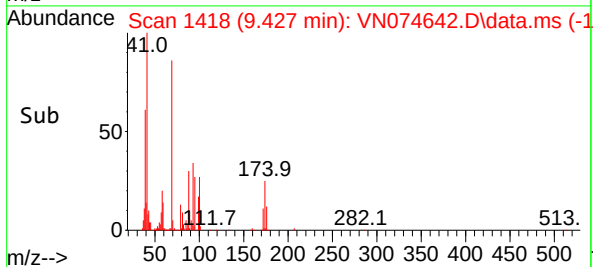
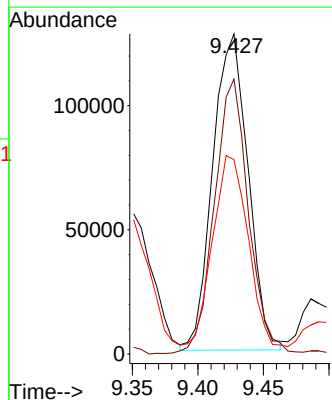
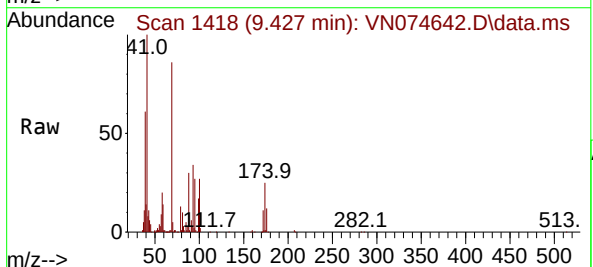
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

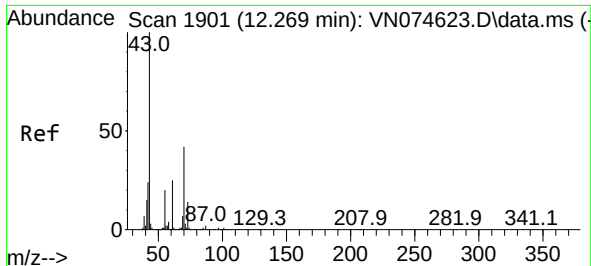
Tgt Ion: 88 Resp: 84314
Ion Ratio Lower Upper
88 100
43 34.9 25.7 38.5
58 70.3 53.4 80.2



#46
Methyl methacrylate
Concen: 22.232 ug/l
RT: 9.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 41 Resp: 238394
Ion Ratio Lower Upper
41 100
69 87.4 45.6 136.7
39 59.6 32.3 96.9

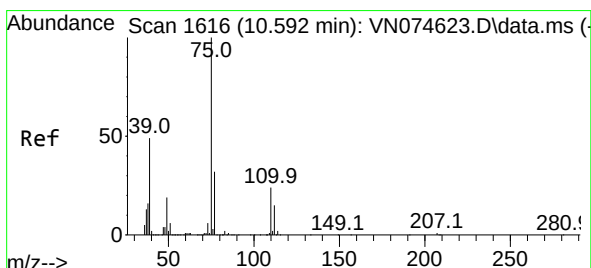
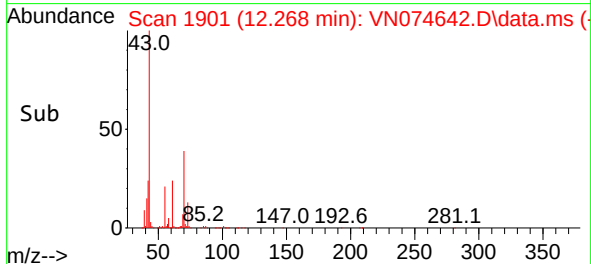
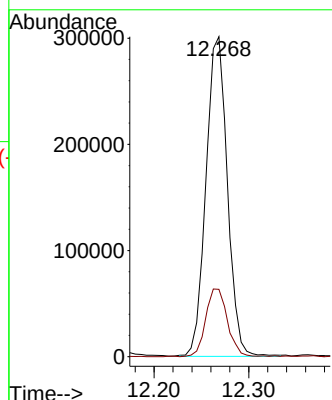
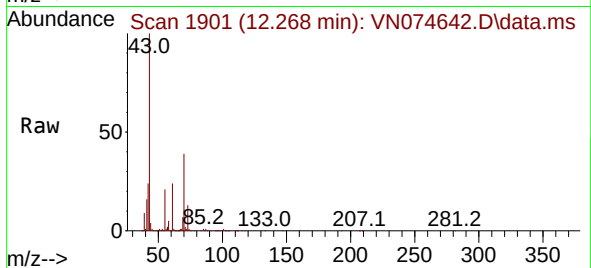




#47
n-amyl acetate
Concen: 20.038 ug/l
RT: 12.268 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

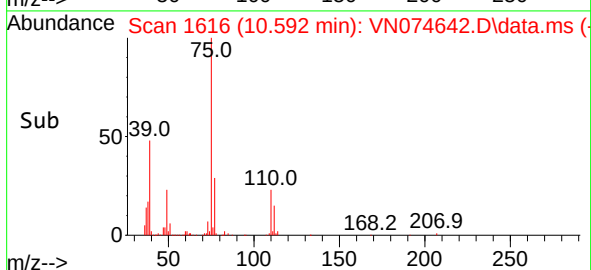
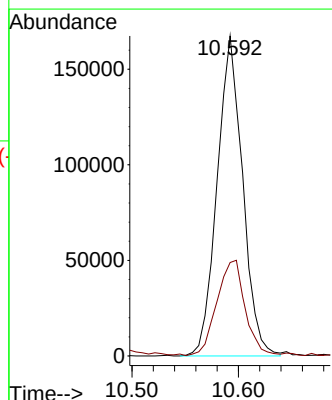
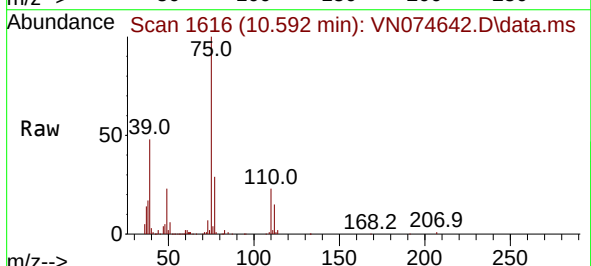
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

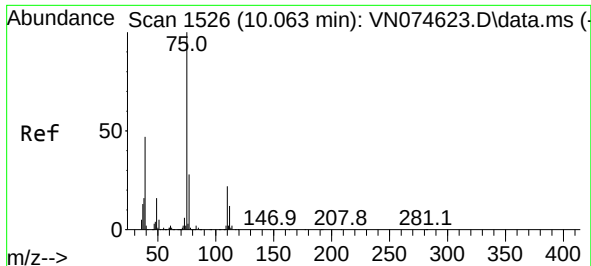
Tgt Ion: 43 Resp: 472169
Ion Ratio Lower Upper
43 100
55 21.4 16.8 25.2



#48
t-1,3-Dichloropropene
Concen: 19.023 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 75 Resp: 278558
Ion Ratio Lower Upper
75 100
77 28.6 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 20.413 ug/l

RT: 10.057 min Scan# 1526

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

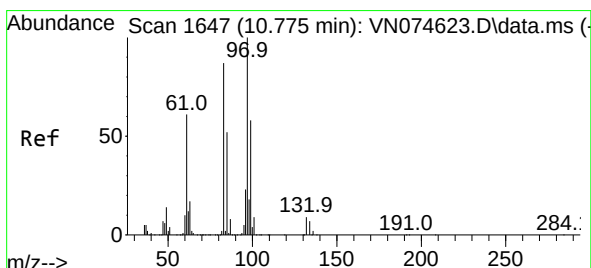
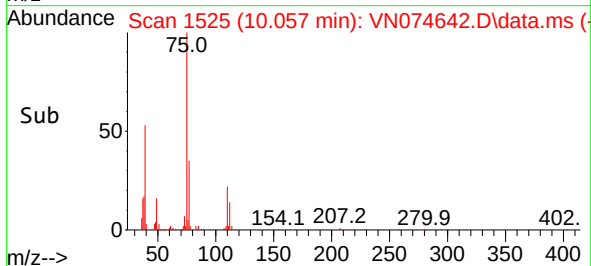
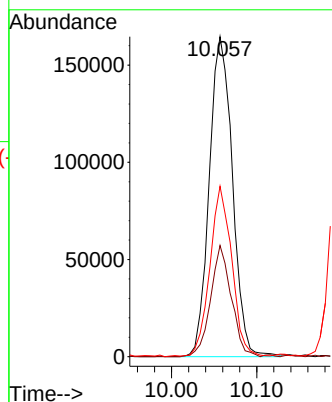
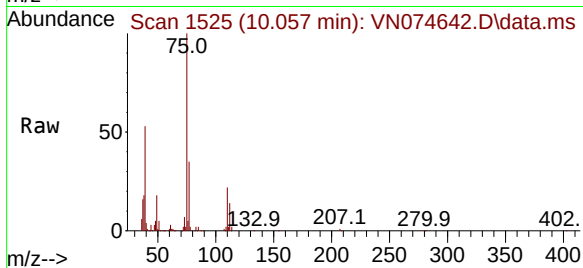
Tgt Ion: 75 Resp: 311049

Ion Ratio Lower Upper

75 100

77 34.8 22.5 33.7#

39 53.0 37.6 56.4



#50

1,1,2-Trichloroethane

Concen: 20.958 ug/l

RT: 10.774 min Scan# 1647

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Tgt Ion: 97 Resp: 184885

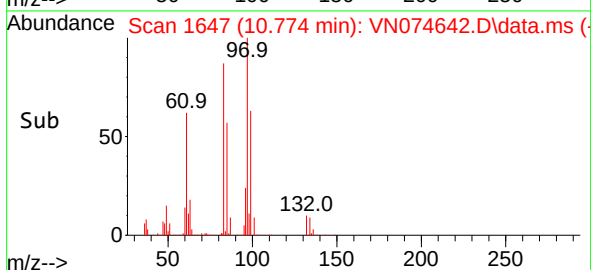
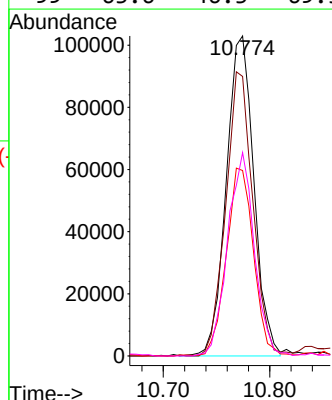
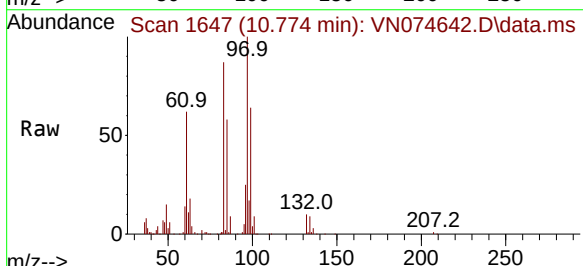
Ion Ratio Lower Upper

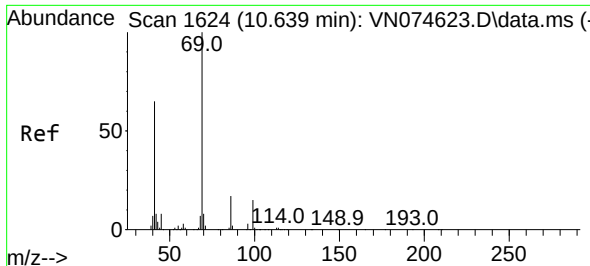
97 100

83 87.0 69.2 103.8

85 57.7 41.4 62.2

99 63.6 46.3 69.5

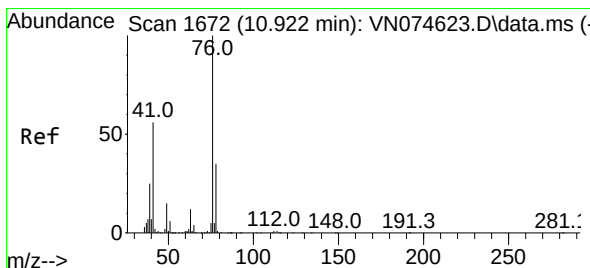
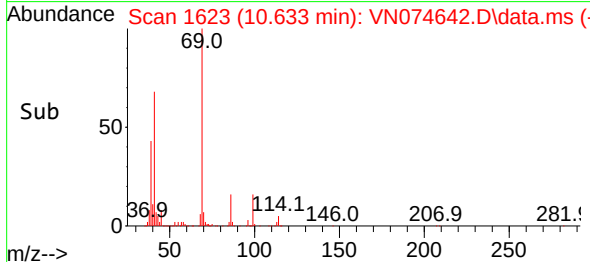
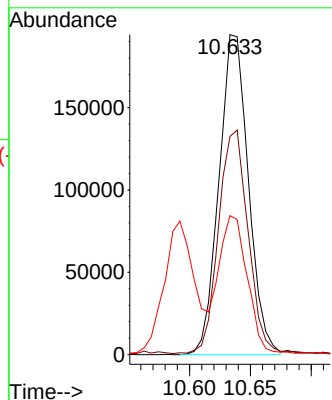
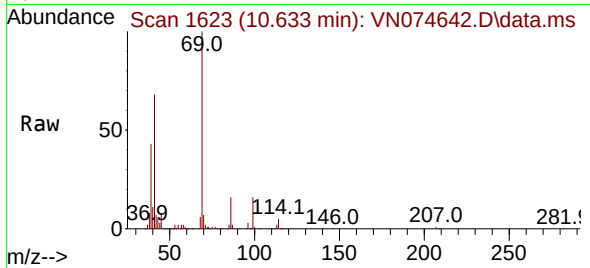




#51
Ethyl methacrylate
Concen: 19.805 ug/l
RT: 10.633 min Scan# 1623
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

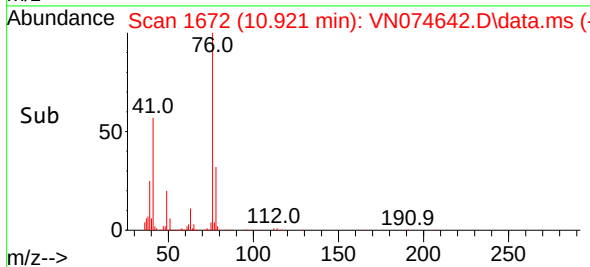
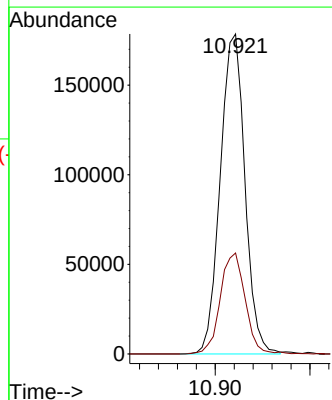
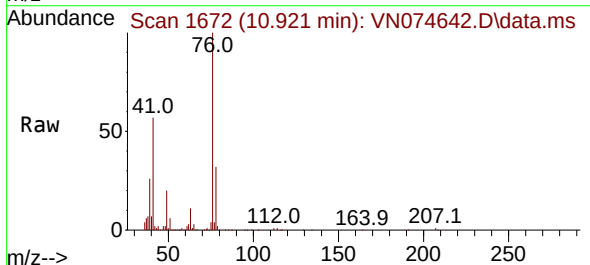
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

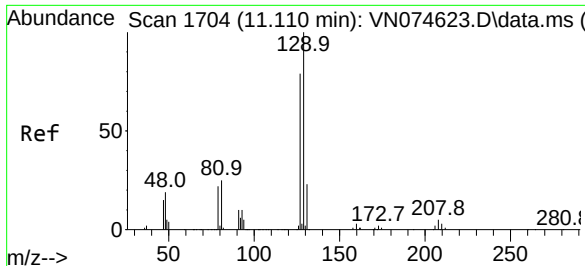
Tgt Ion: 69 Resp: 327606
Ion Ratio Lower Upper
69 100
41 67.6 32.5 97.5
39 42.6 21.5 64.5



#52
1,3-Dichloropropane
Concen: 20.670 ug/l
RT: 10.921 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 76 Resp: 323190
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.8

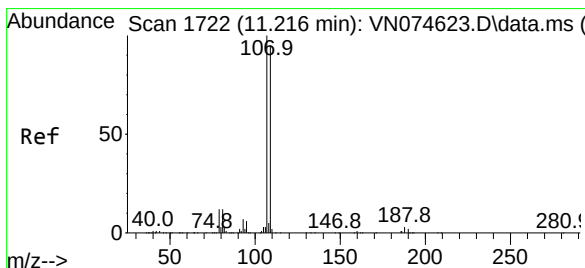
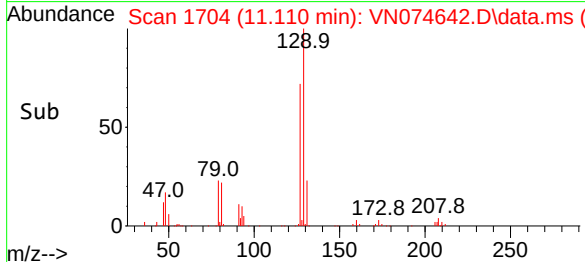
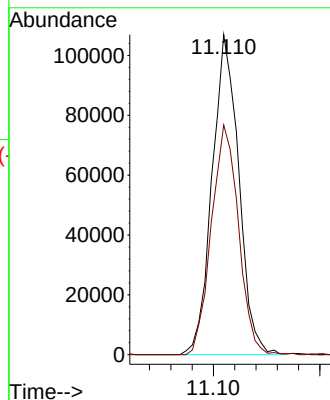
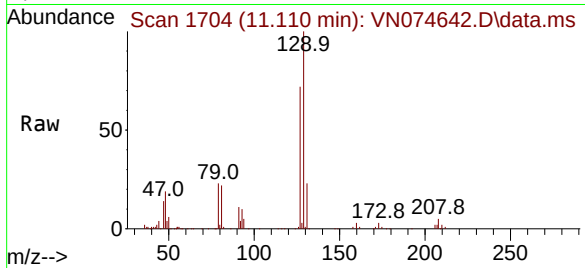




#53
Dibromochloromethane
Concen: 19.880 ug/l
RT: 11.110 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

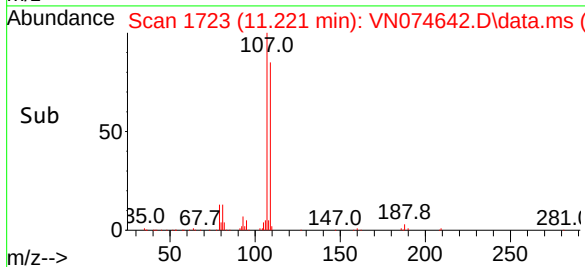
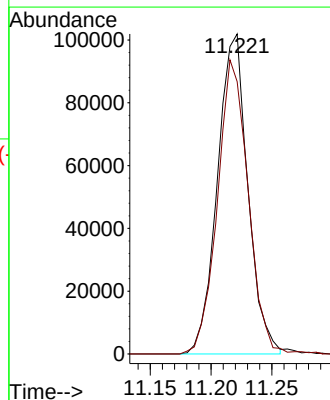
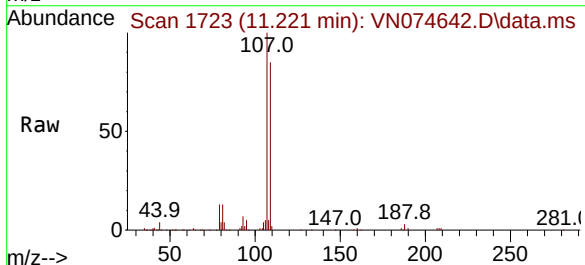
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

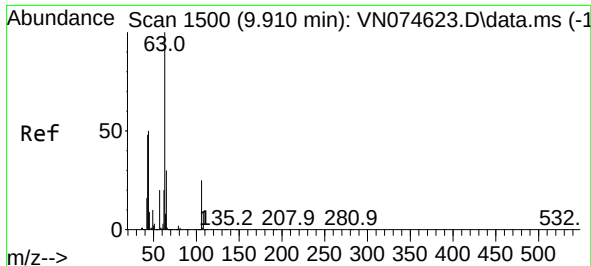
Tgt Ion:129 Resp: 185355
Ion Ratio Lower Upper
129 100
127 72.9 40.6 121.7



#54
1,2-Dibromoethane
Concen: 19.386 ug/l
RT: 11.221 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion:107 Resp: 176928
Ion Ratio Lower Upper
107 100
109 92.6 76.2 114.2

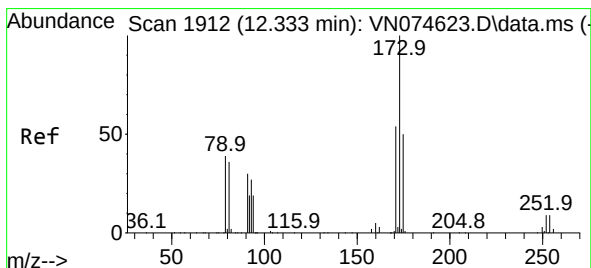
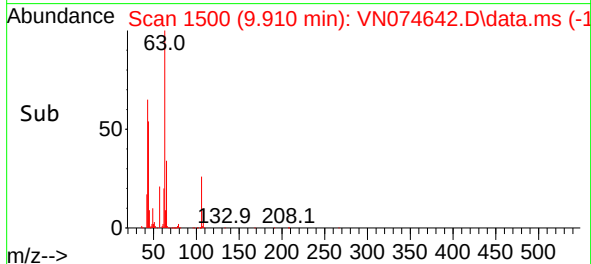
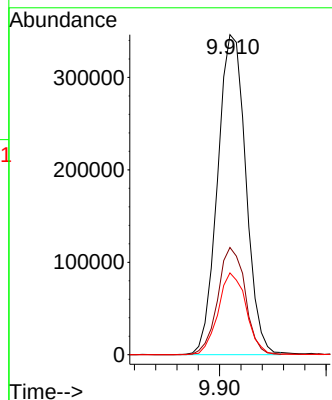
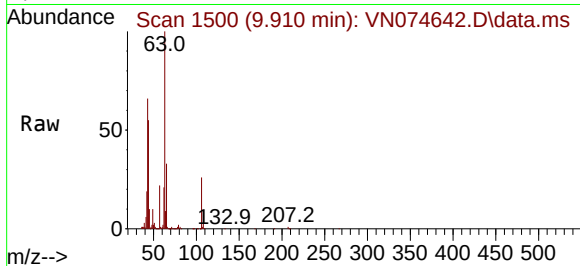




#55
2-Chloroethyl vinyl ether
Concen: 99.348 ug/l
RT: 9.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

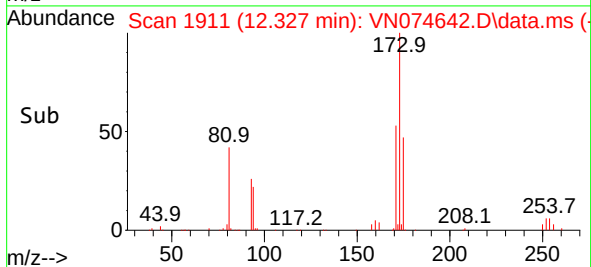
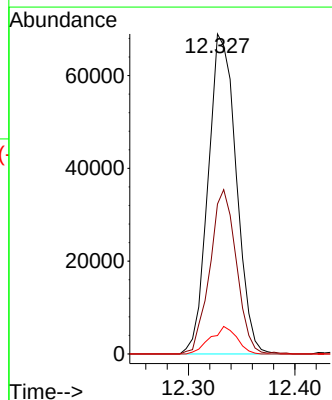
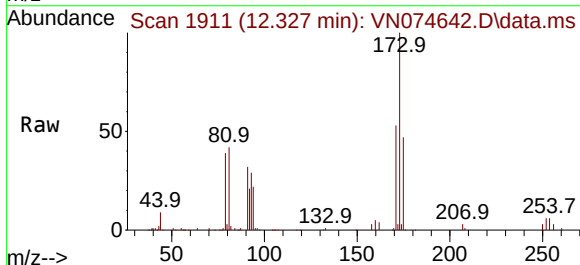
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

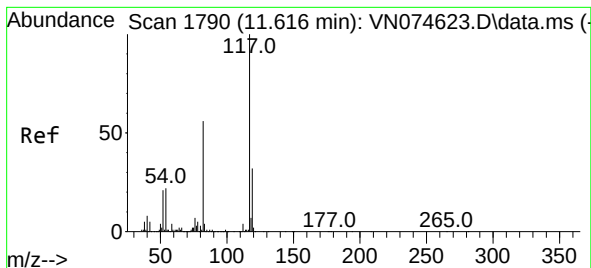
Tgt Ion: 63 Resp: 637761
Ion Ratio Lower Upper
63 100
65 32.4 24.6 36.8
106 25.3 21.3 31.9



#56
Bromoform
Concen: 17.294 ug/l
RT: 12.327 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 173 Resp: 126032
Ion Ratio Lower Upper
173 100
175 48.4 39.1 58.7
254 8.1 7.0 10.6

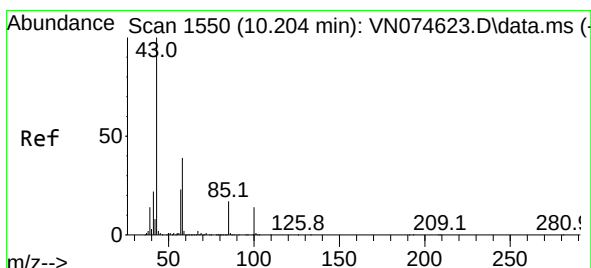
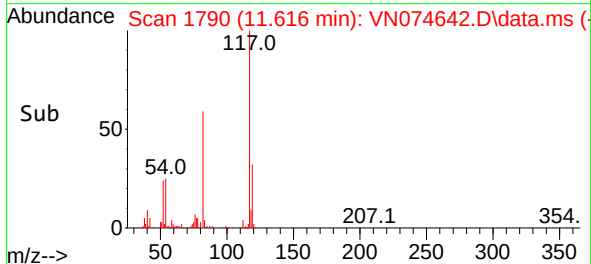
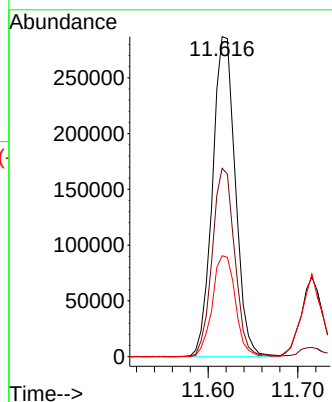
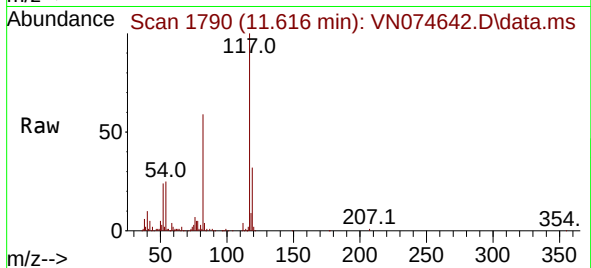




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

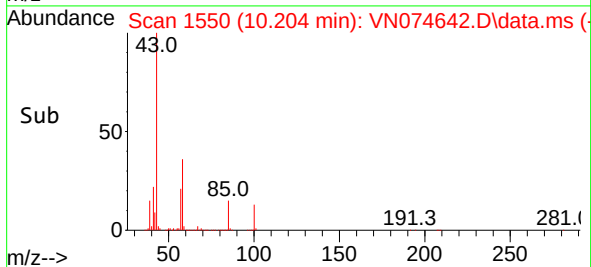
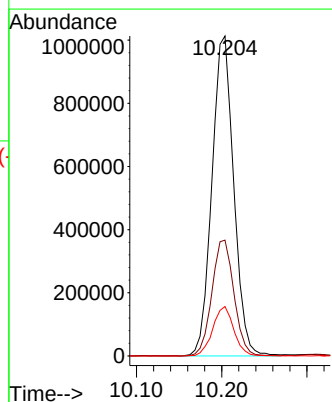
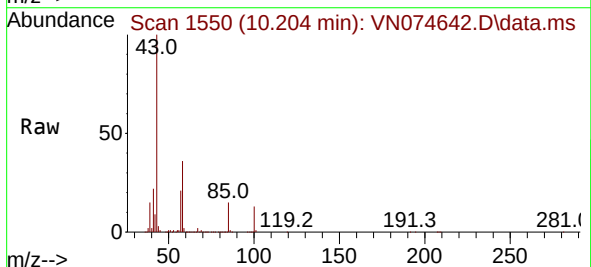
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

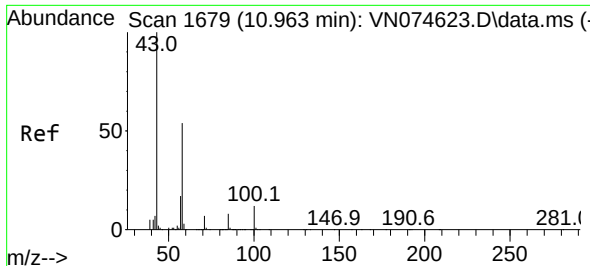
Tgt Ion:117 Resp: 508336
Ion Ratio Lower Upper
117 100
82 57.7 44.6 67.0
119 31.8 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 113.882 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 43 Resp: 1796533
Ion Ratio Lower Upper
43 100
58 36.8 30.8 46.2
85 15.0 13.3 19.9

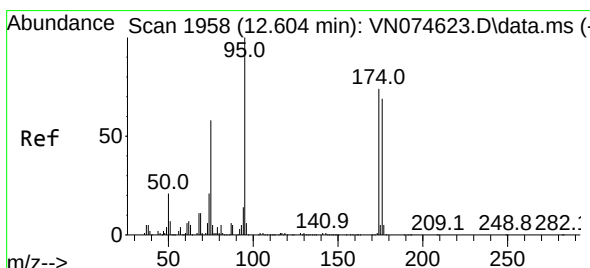
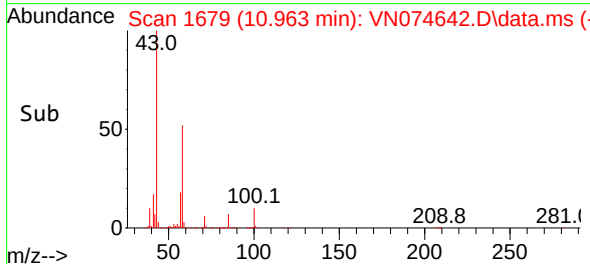
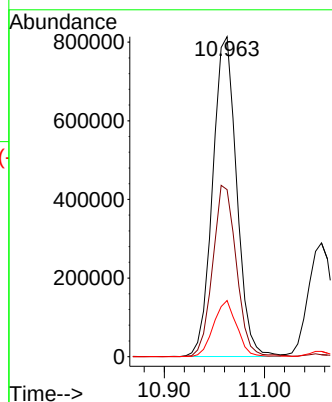
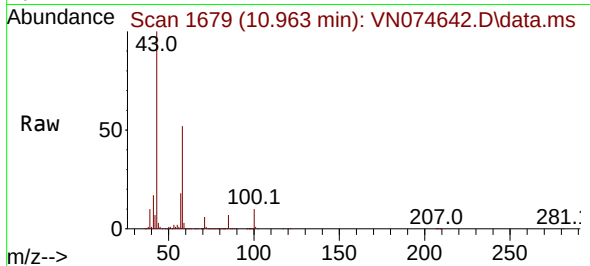




#59
2-Hexanone
Concen: 110.662 ug/l
RT: 10.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

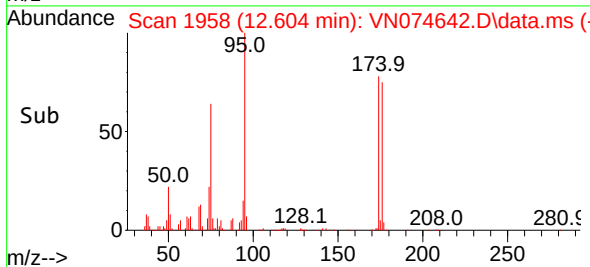
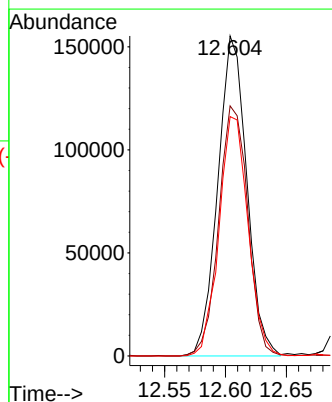
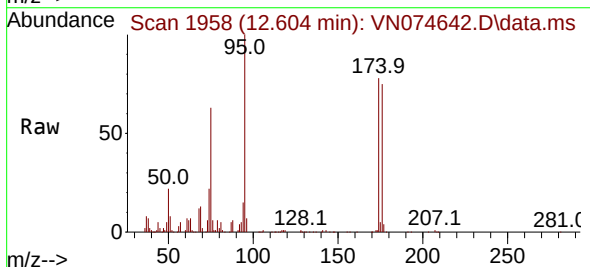
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

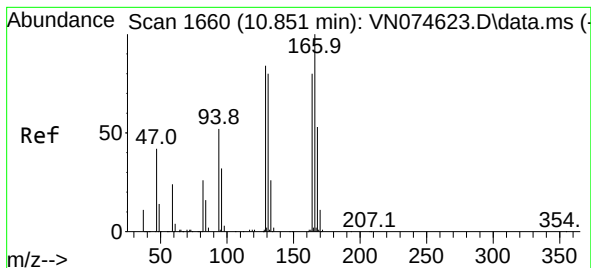
Tgt Ion: 43 Resp: 1352119
Ion Ratio Lower Upper
43 100
58 52.7 43.6 65.4
57 17.0 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 25.993 ug/l
RT: 12.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 95 Resp: 256665
Ion Ratio Lower Upper
95 100
174 78.4 57.8 86.8
176 75.1 57.0 85.4





#61

Tetrachloroethene

Concen: 21.765 ug/l

RT: 10.845 min Scan# 1659

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 123418

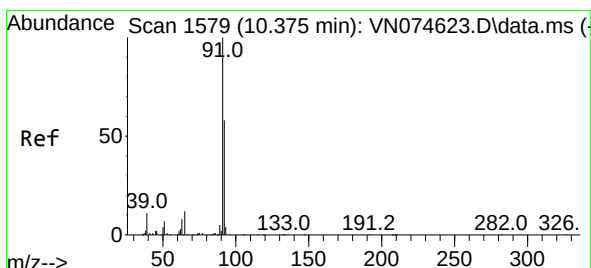
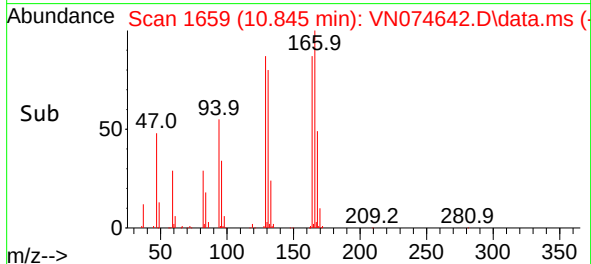
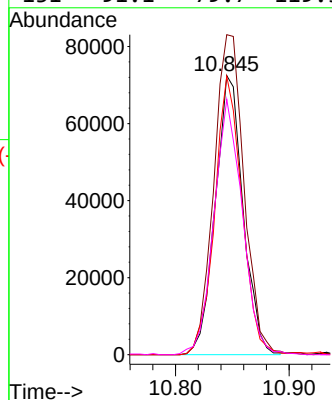
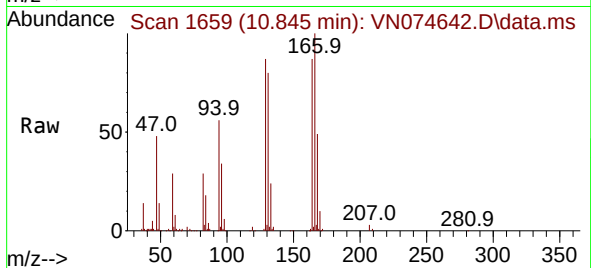
Ion Ratio Lower Upper

164 100

166 114.7 99.6 149.4

129 99.8 84.0 126.0

131 91.1 79.7 119.5



#62

Toluene

Concen: 21.156 ug/l

RT: 10.374 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VN074642.D

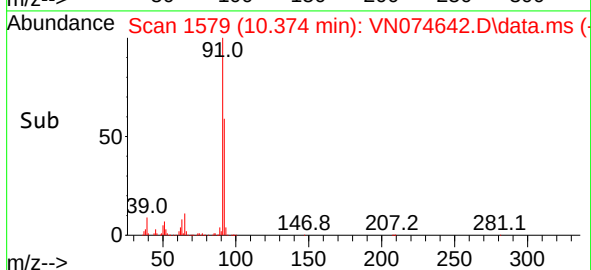
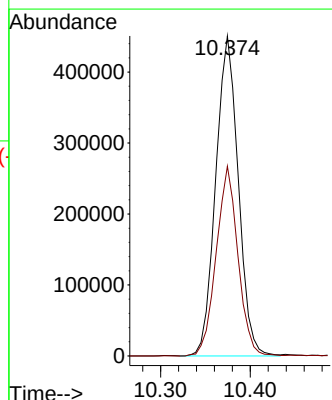
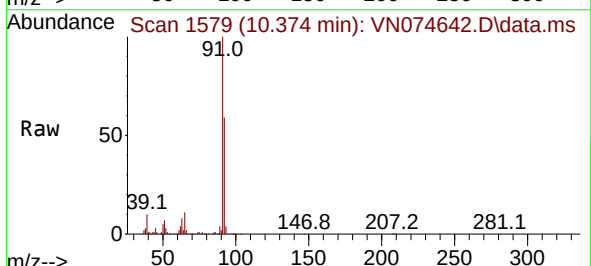
Acq: 28 Sep 2022 10:31

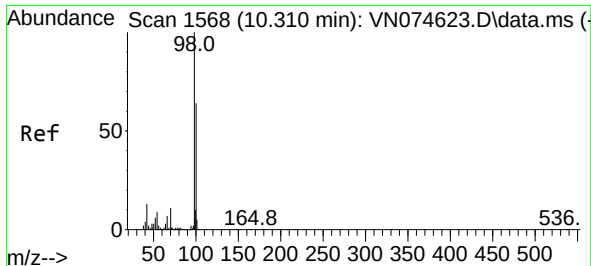
Tgt Ion: 91 Resp: 787503

Ion Ratio Lower Upper

91 100

92 57.2 46.0 69.0

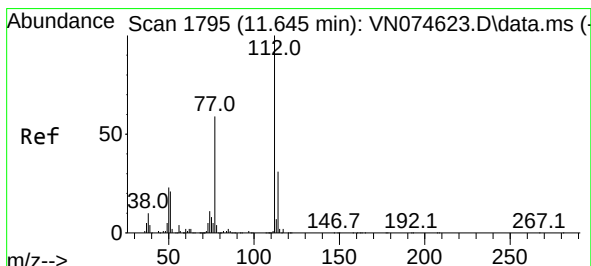
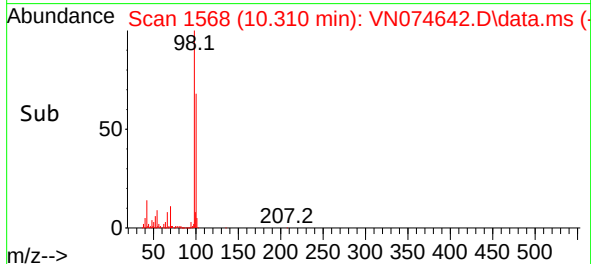
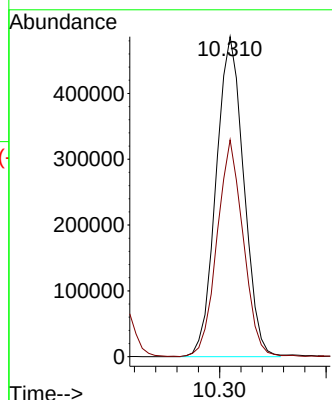
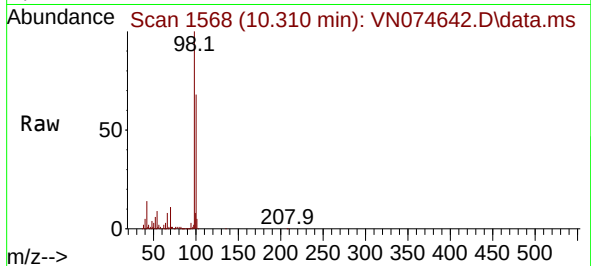




#63
Toluene-d8
Concen: 30.583 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

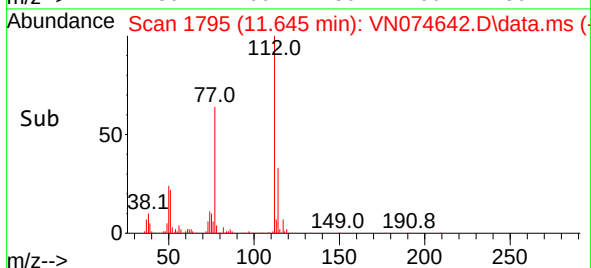
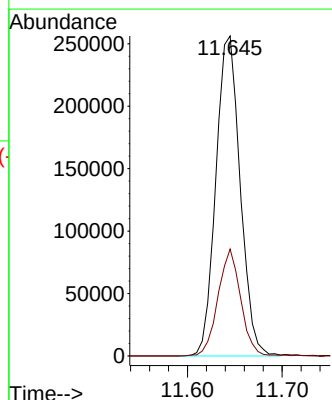
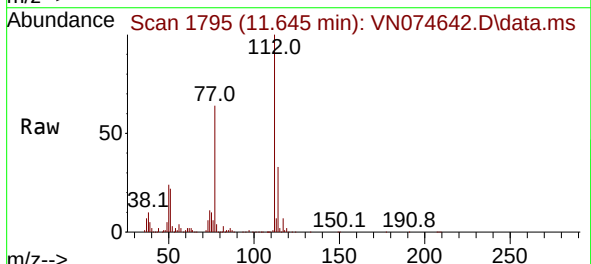
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

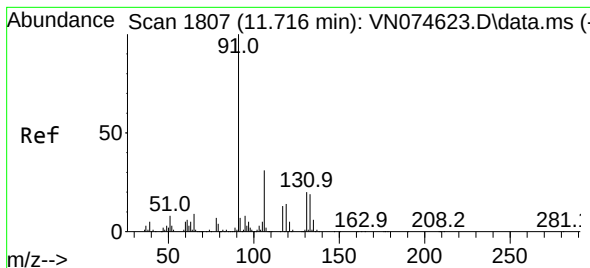
Tgt Ion: 98 Resp: 876894
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1



#64
Chlorobenzene
Concen: 21.439 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 112 Resp: 457283
Ion Ratio Lower Upper
112 100
114 33.4 24.7 37.1

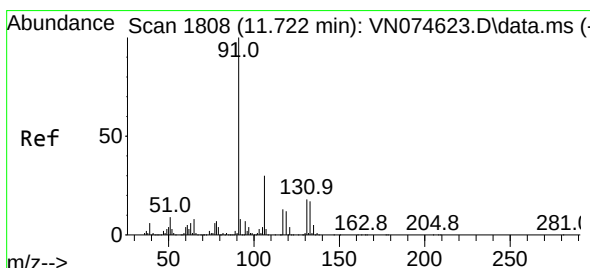
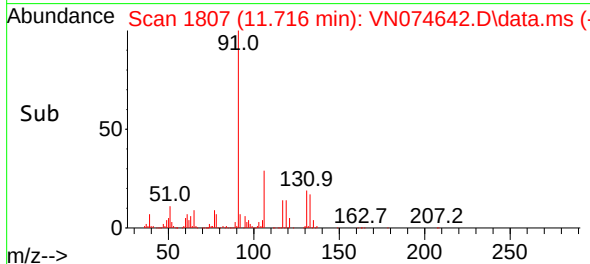
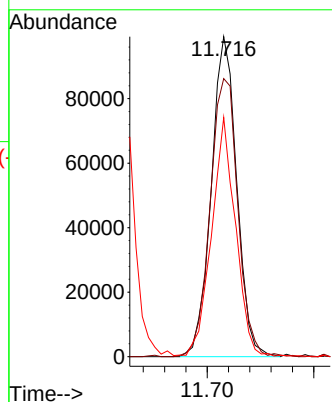
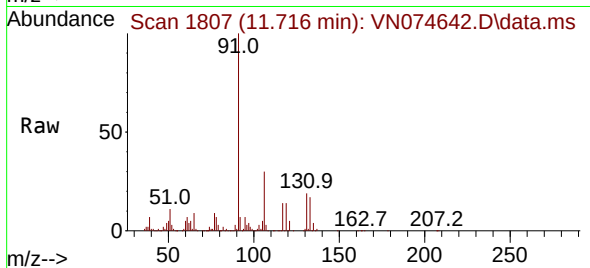




#65
1,1,1,2-Tetrachloroethane
Concen: 20.493 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

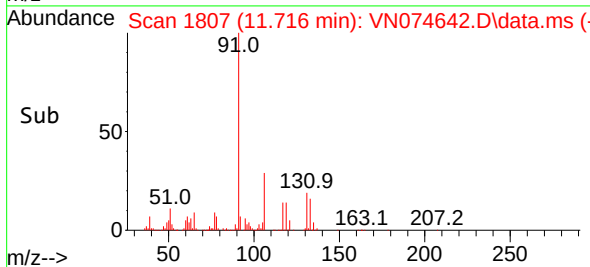
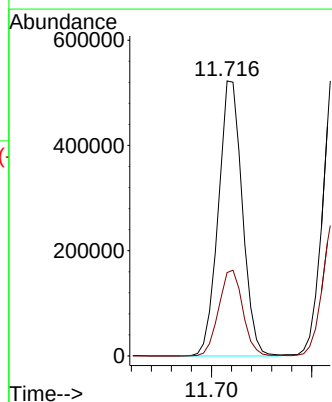
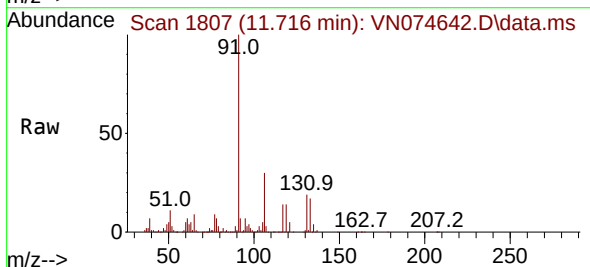
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

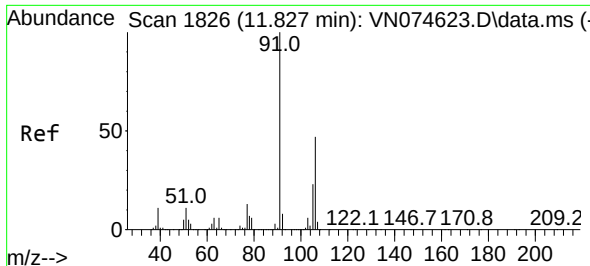
Tgt Ion:131 Resp: 164229
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.8
119 70.0 0.0 135.8



#66
Ethyl Benzene
Concen: 21.900 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 91 Resp: 865624
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1

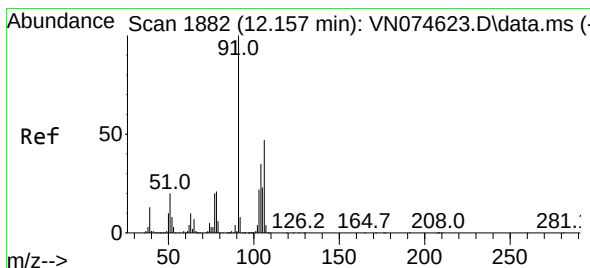
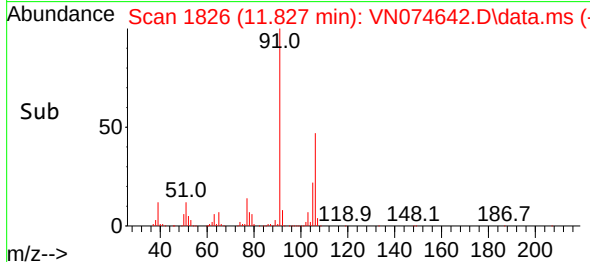
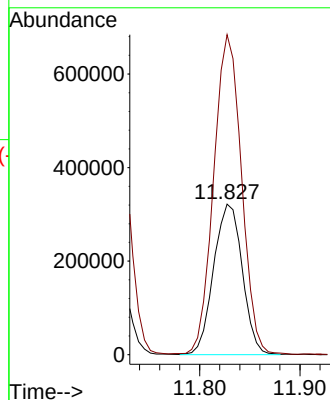
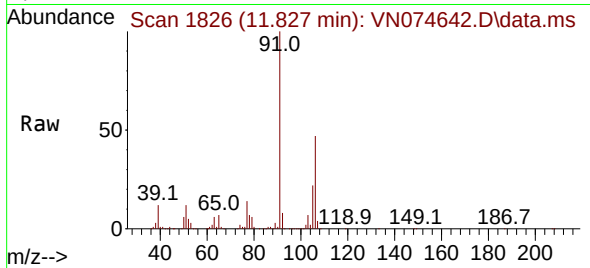




#67
m/p-Xylenes
Concen: 40.301 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

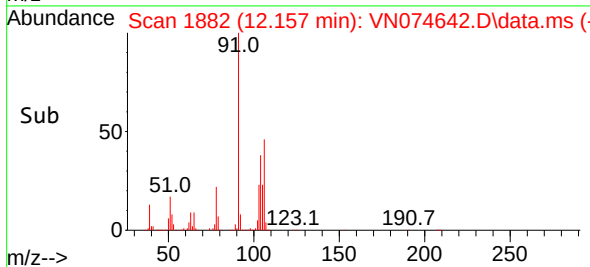
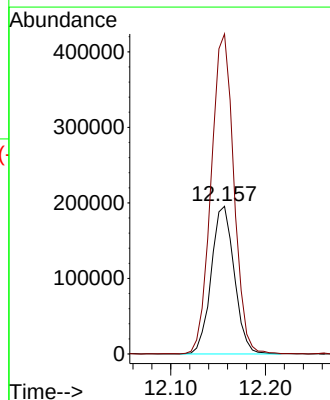
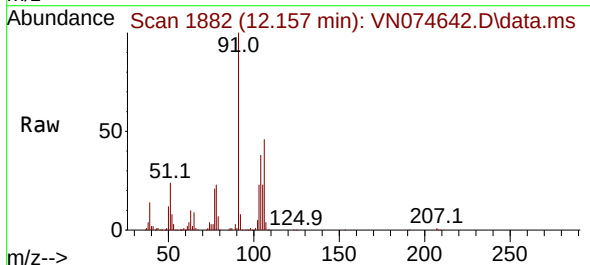
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

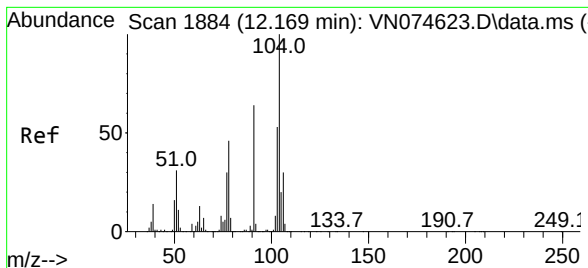
Tgt Ion:106 Resp: 639594
Ion Ratio Lower Upper
106 100
91 206.6 164.2 246.4



#68
o-Xylene
Concen: 20.422 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion:106 Resp: 329991
Ion Ratio Lower Upper
106 100
91 214.1 108.5 325.5





#69

Styrene

Concen: 19.030 ug/l

RT: 12.168 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

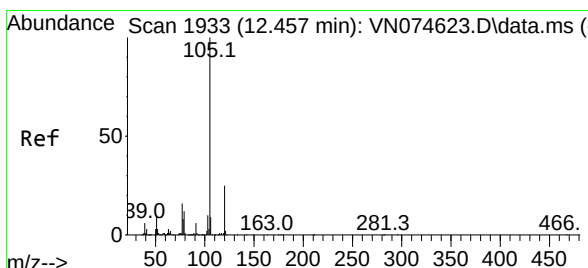
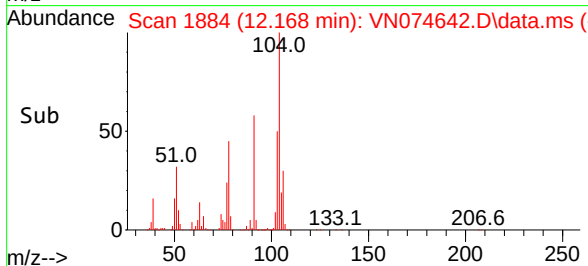
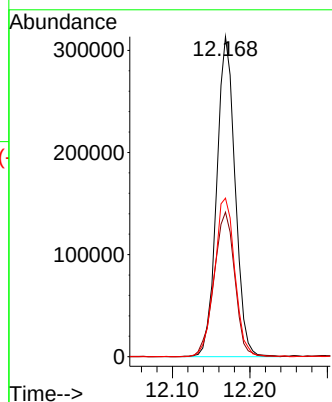
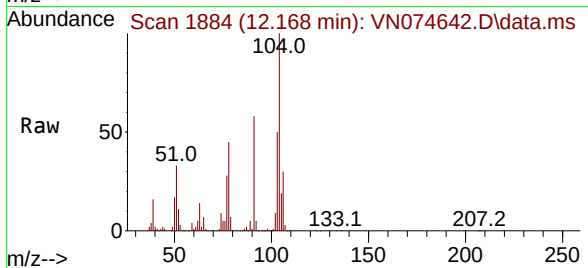
Tgt Ion:104 Resp: 517332

Ion Ratio Lower Upper

104 100

78 50.4 39.9 59.9

103 55.2 43.8 65.8



#70

Isopropylbenzene

Concen: 19.794 ug/l

RT: 12.457 min Scan# 1933

Delta R.T. -0.000 min

Lab File: VN074642.D

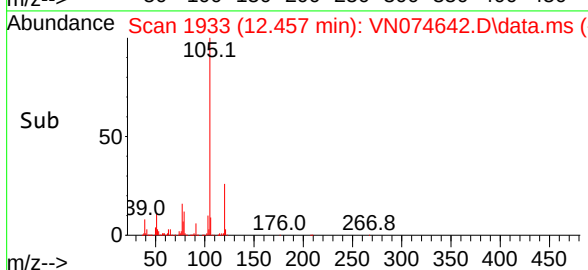
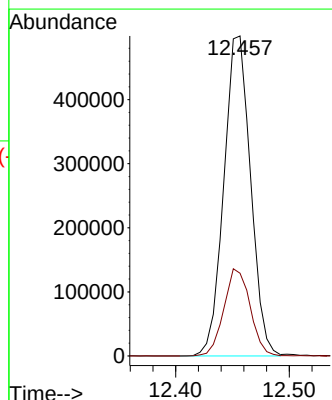
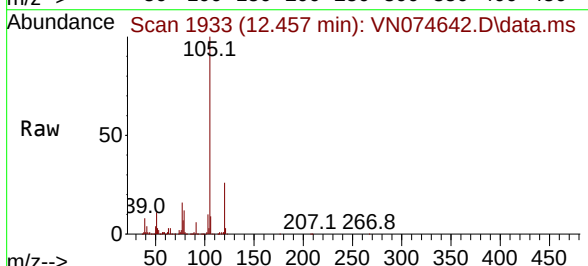
Acq: 28 Sep 2022 10:31

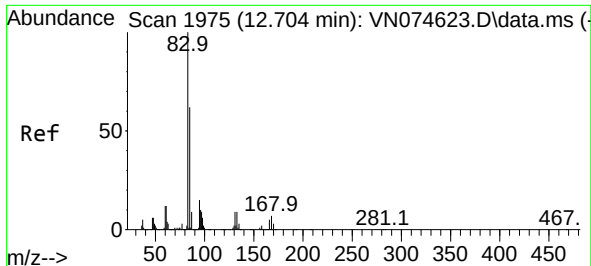
Tgt Ion:105 Resp: 816020

Ion Ratio Lower Upper

105 100

120 26.8 18.5 34.3

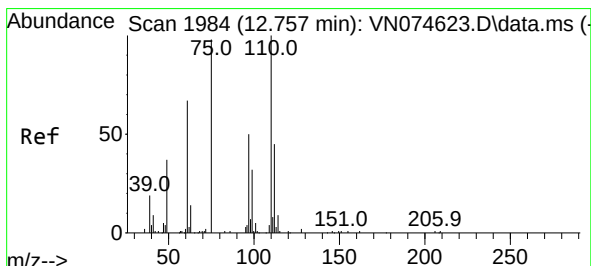
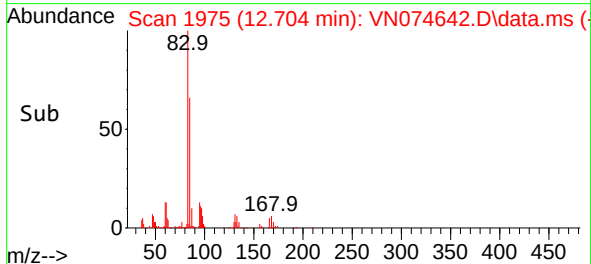
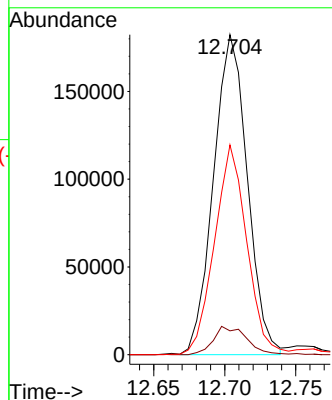
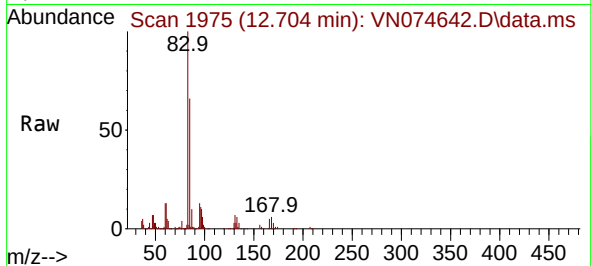




#71
1,1,2,2-Tetrachloroethane
Concen: 20.668 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

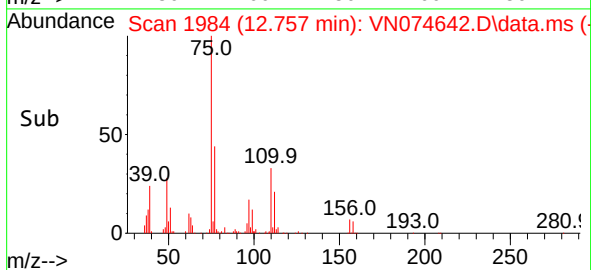
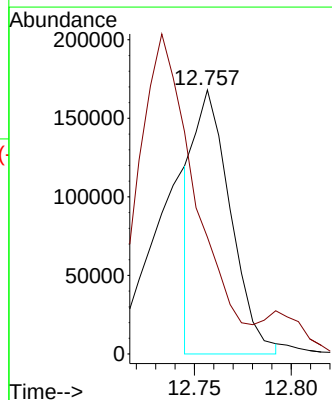
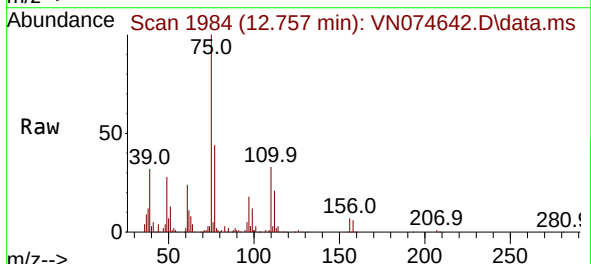
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

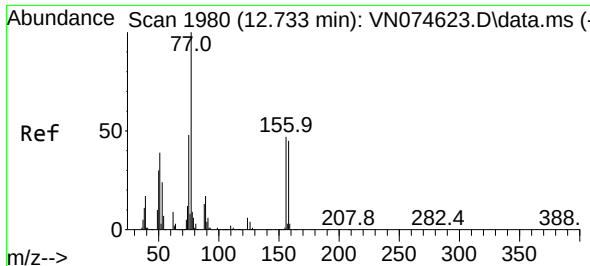
Tgt Ion: 83 Resp: 302452
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 62.5 30.9 92.7



#72
1,2,3-Trichloropropane
Concen: 19.984 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 75 Resp: 221375
Ion Ratio Lower Upper
75 100
77 189.9 0.0 372.4

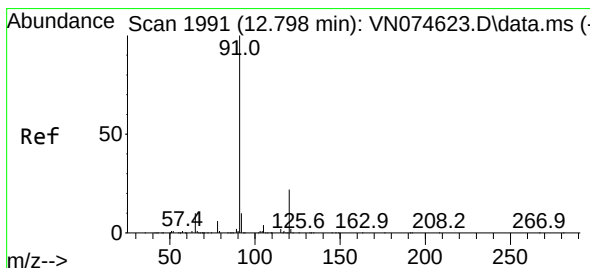
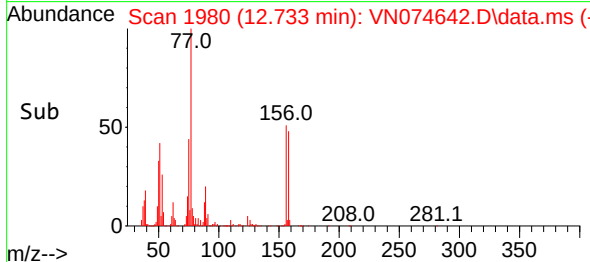
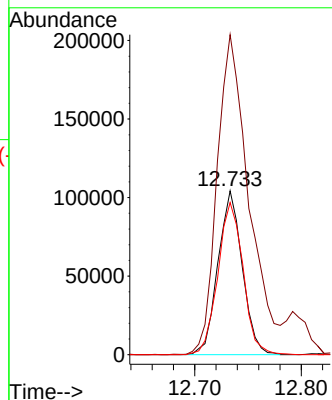
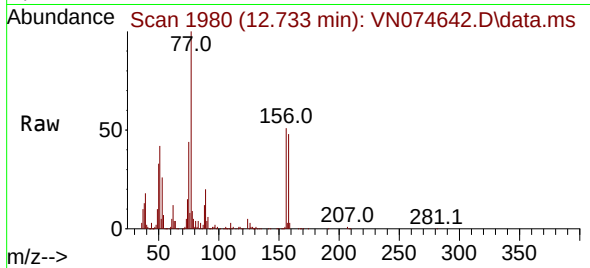




#73
Bromobenzene
Concen: 19.903 ug/l
RT: 12.733 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

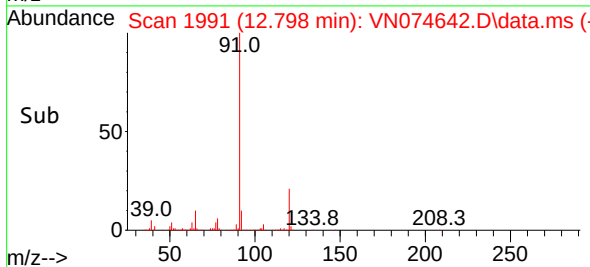
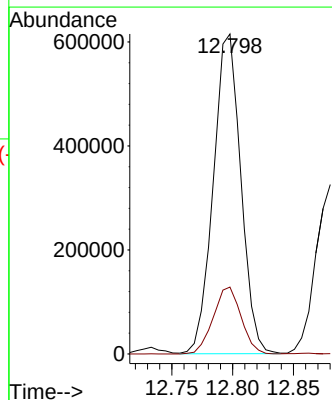
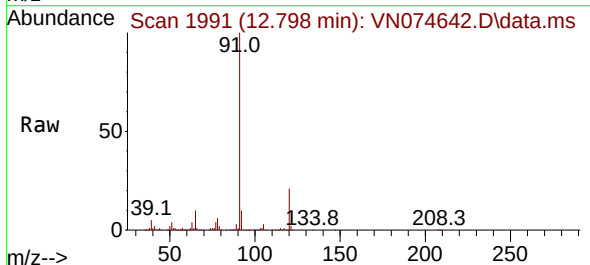
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

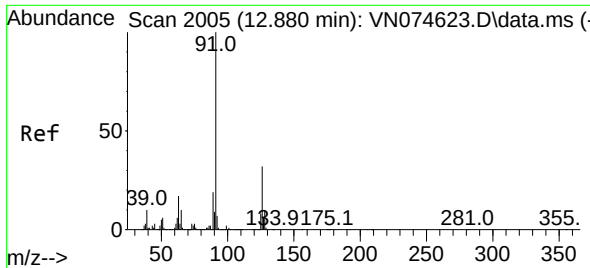
Tgt Ion:156 Resp: 164860
Ion Ratio Lower Upper
156 100
77 255.0 0.0 491.8
158 96.5 0.0 185.0



#74
n-propylbenzene
Concen: 20.834 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 91 Resp: 967784
Ion Ratio Lower Upper
91 100
120 21.2 0.0 44.6

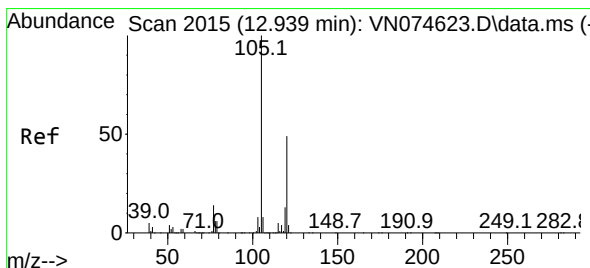
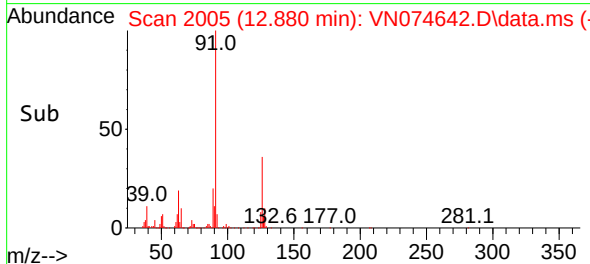
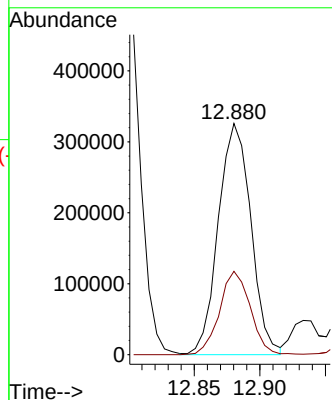
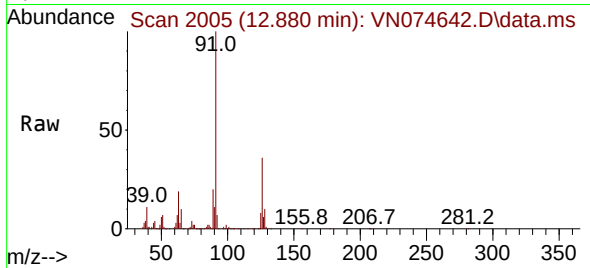




#75
2-Chlorotoluene
Concen: 20.006 ug/l
RT: 12.880 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

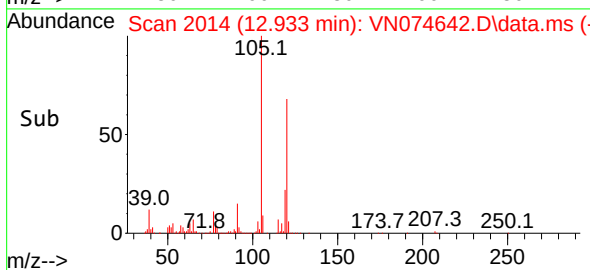
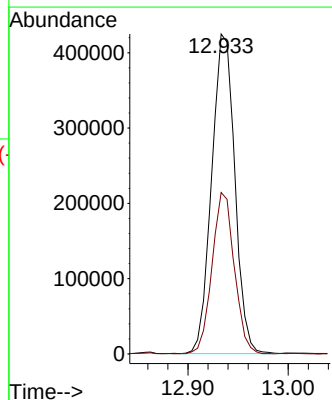
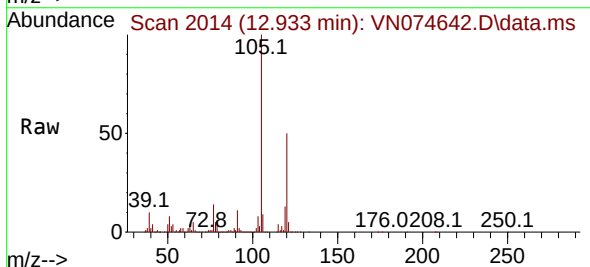
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

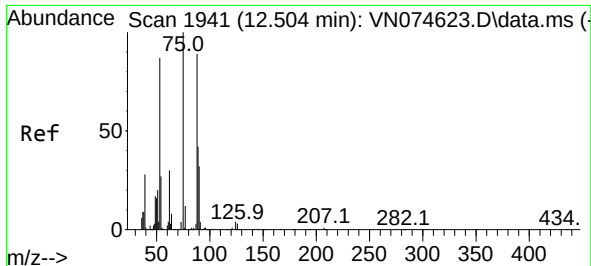
Tgt Ion: 91 Resp: 563732
Ion Ratio Lower Upper
91 100
126 33.8 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 19.562 ug/l
RT: 12.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 105 Resp: 679964
Ion Ratio Lower Upper
105 100
120 48.6 0.0 97.4

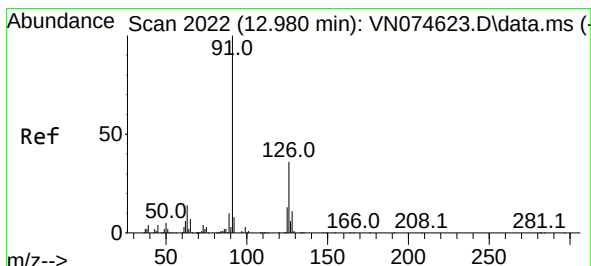
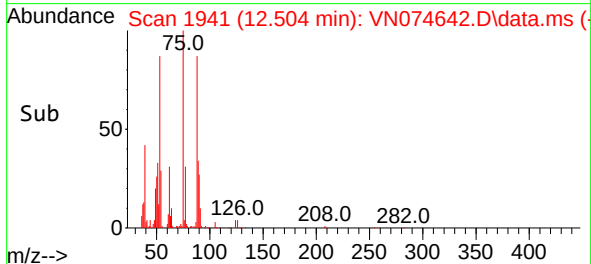
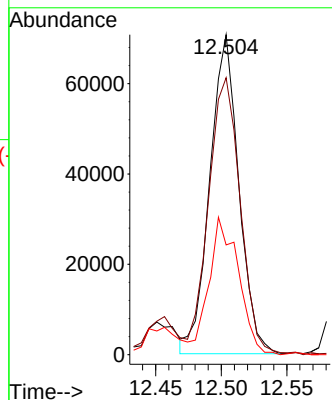
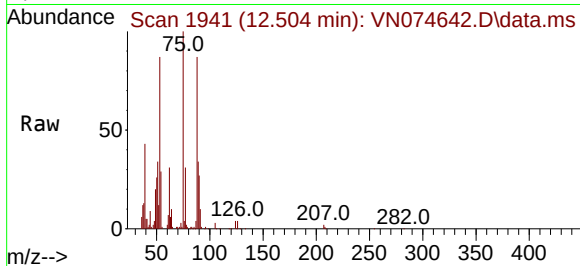




#77
t-1,4-Dichloro-2-butene
Concen: 18.923 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

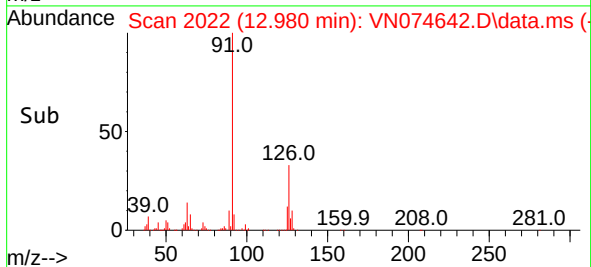
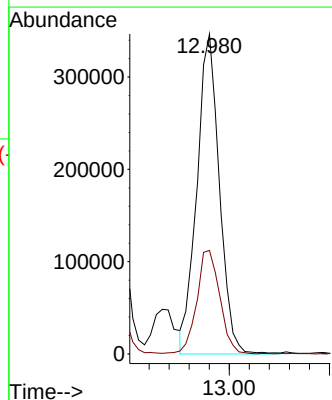
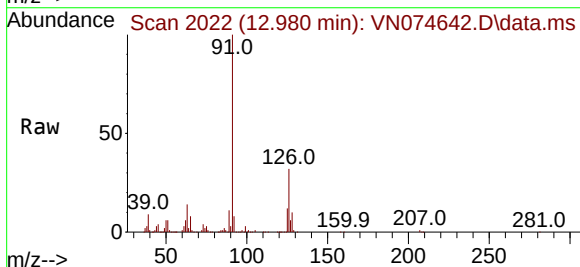
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

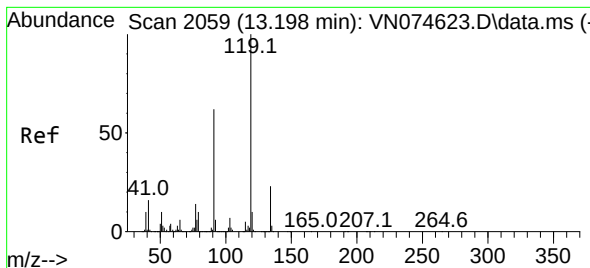
Tgt Ion: 75 Resp: 108582
Ion Ratio Lower Upper
75 100
53 86.1 43.3 129.9
89 33.9 21.1 63.1



#78
4-Chlorotoluene
Concen: 19.136 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 91 Resp: 540369
Ion Ratio Lower Upper
91 100
126 33.3 0.0 67.8





#79

tert-butylbenzene

Concen: 19.341 ug/l

RT: 13.198 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

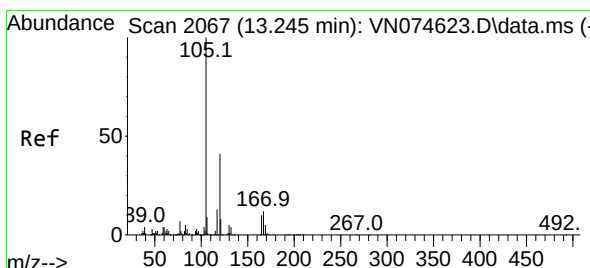
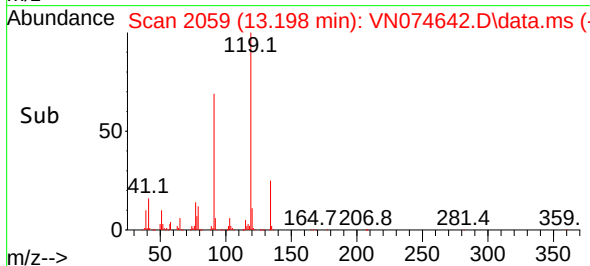
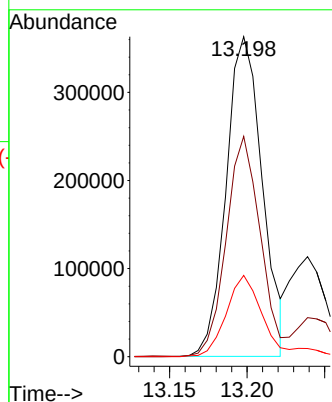
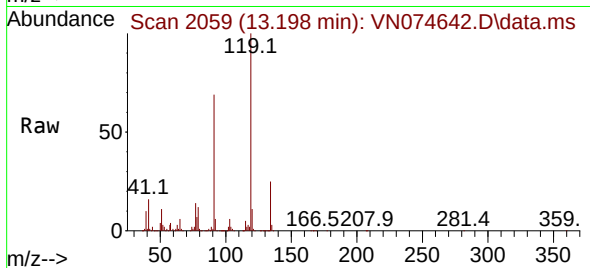
Tgt Ion:119 Resp: 588180

Ion Ratio Lower Upper

119 100

91 64.3 0.0 129.0

134 24.8 0.0 52.2



#80

1,2,4-Trimethylbenzene

Concen: 19.419 ug/l

RT: 13.245 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN074642.D

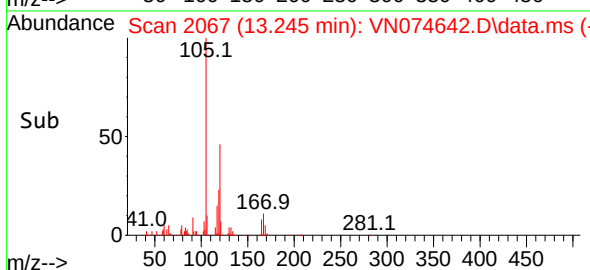
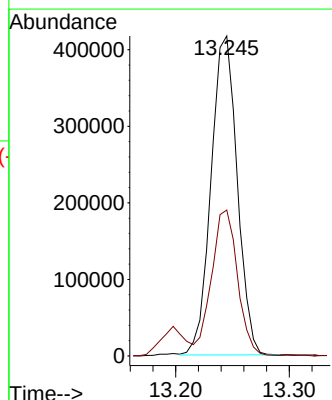
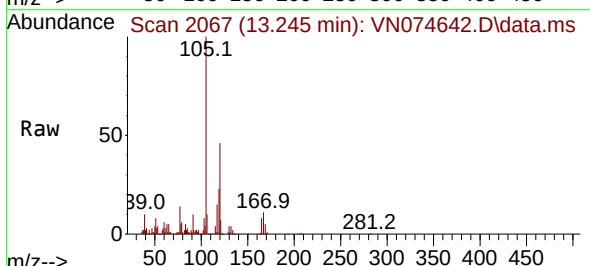
Acq: 28 Sep 2022 10:31

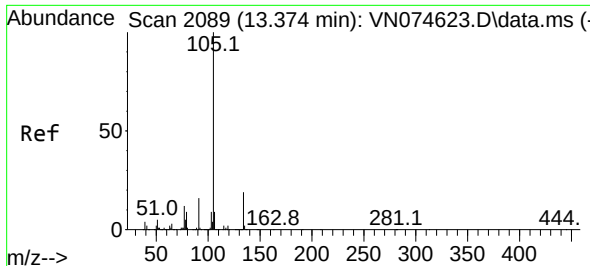
Tgt Ion:105 Resp: 666664

Ion Ratio Lower Upper

105 100

120 45.6 0.0 93.2

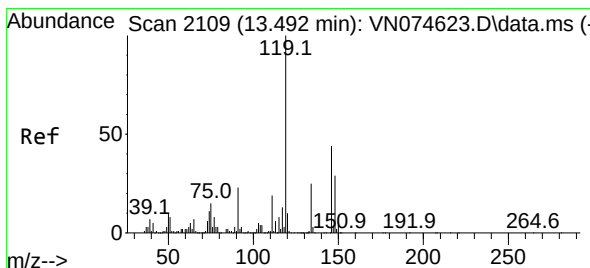
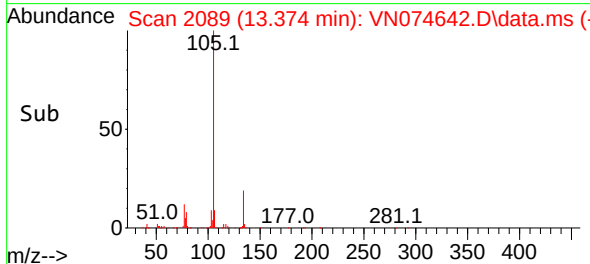
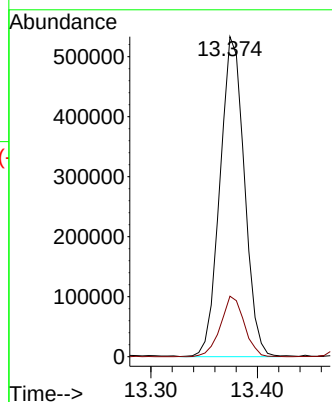
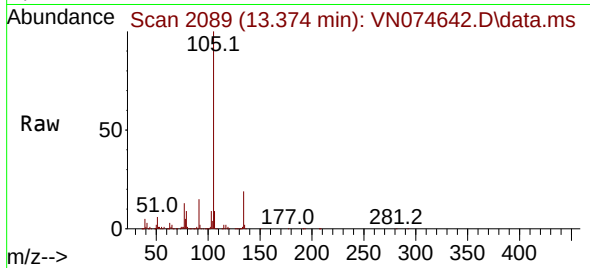




#81
 sec-Butylbenzene
 Concen: 19.683 ug/l
 RT: 13.374 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VN074642.D
 Acq: 28 Sep 2022 10:31

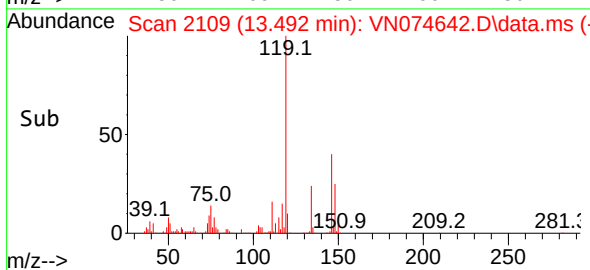
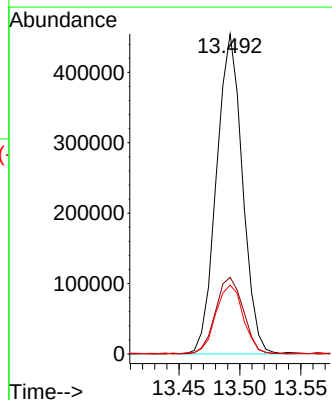
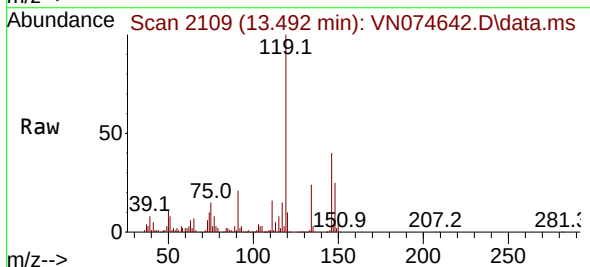
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

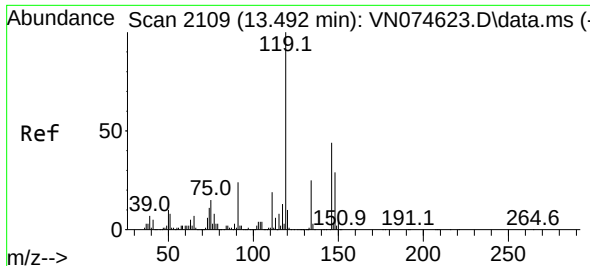
Tgt Ion:105 Resp: 847376
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 19.078 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074642.D
 Acq: 28 Sep 2022 10:31

Tgt Ion:119 Resp: 675657
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.4
 91 23.0 0.0 46.8

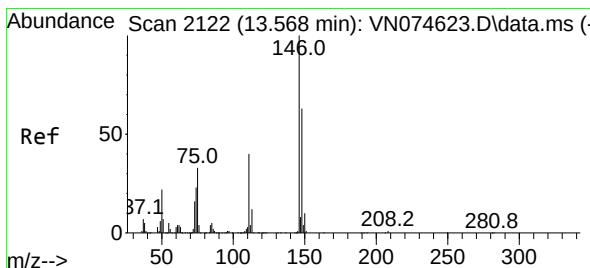
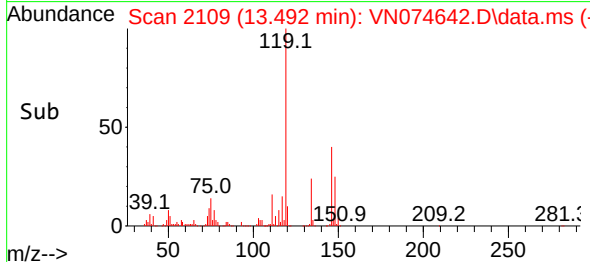
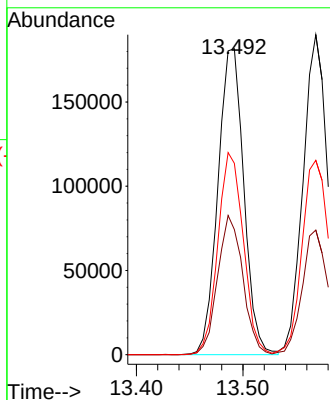
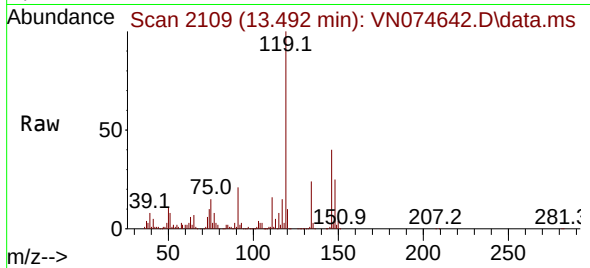




#83
 1,3-Dichlorobenzene
 Concen: 18.065 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074642.D
 Acq: 28 Sep 2022 10:31

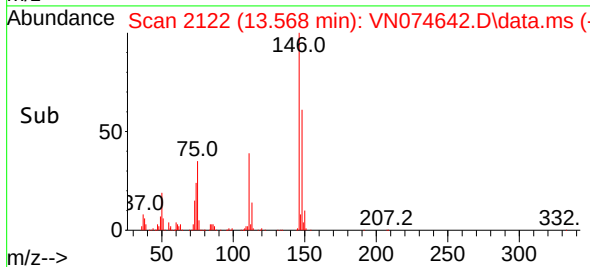
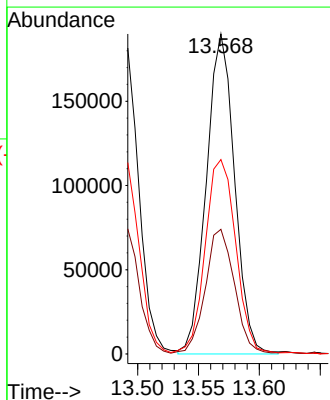
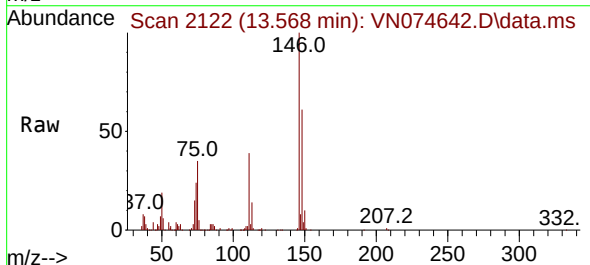
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

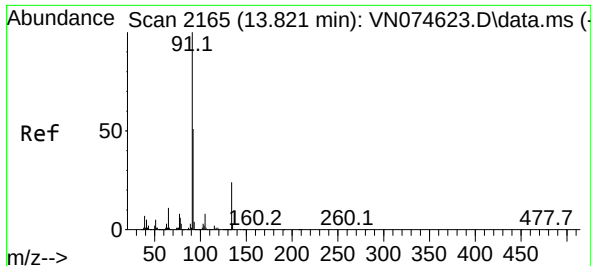
Tgt Ion:146 Resp: 307510
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.5 61.5
 148 64.8 31.0 93.0



#84
 1,4-Dichlorobenzene
 Concen: 18.168 ug/l
 RT: 13.568 min Scan# 2122
 Delta R.T. -0.000 min
 Lab File: VN074642.D
 Acq: 28 Sep 2022 10:31

Tgt Ion:146 Resp: 307597
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.1 57.5
 148 65.8 31.7 95.1





#85

n-Butylbenzene

Concen: 18.920 ug/l

RT: 13.815 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

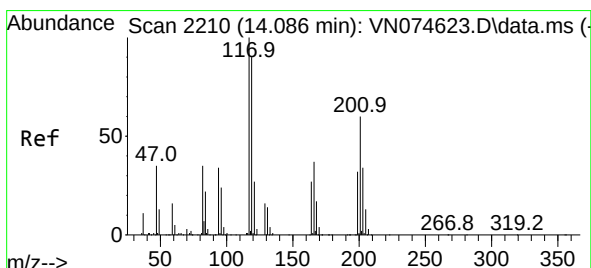
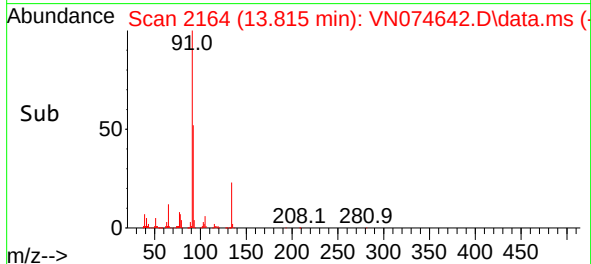
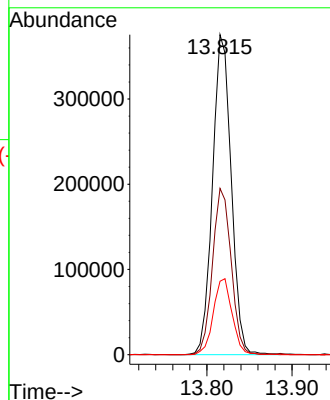
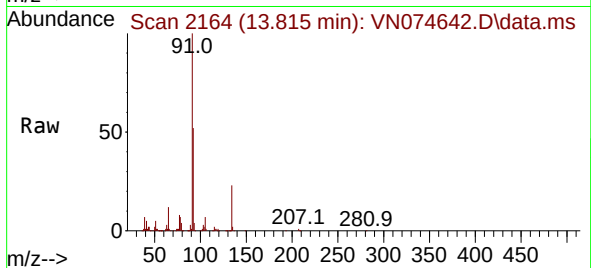
Tgt Ion: 91 Resp: 571681

Ion Ratio Lower Upper

91 100

92 51.9 0.0 105.4

134 23.9 0.0 46.4



#86

Hexachloroethane

Concen: 20.847 ug/l

RT: 14.086 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VN074642.D

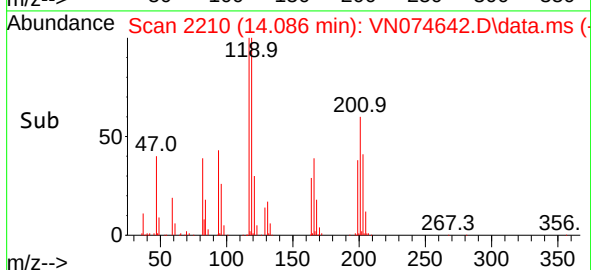
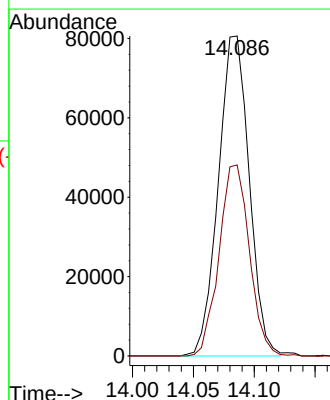
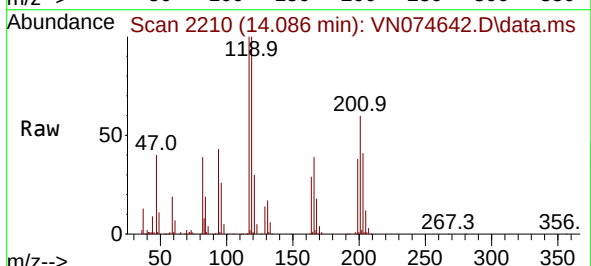
Acq: 28 Sep 2022 10:31

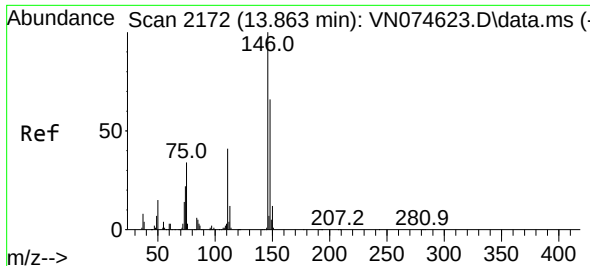
Tgt Ion: 117 Resp: 142215

Ion Ratio Lower Upper

117 100

201 58.8 29.4 88.3

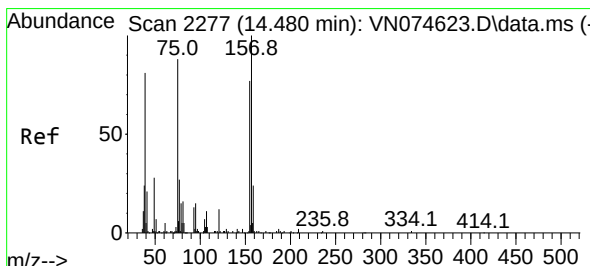
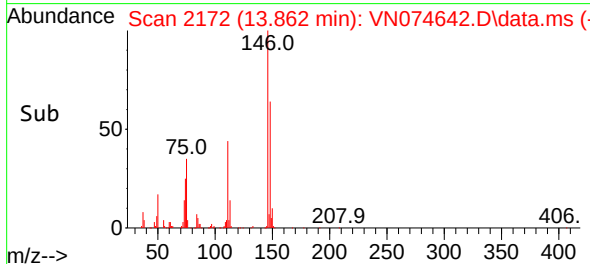
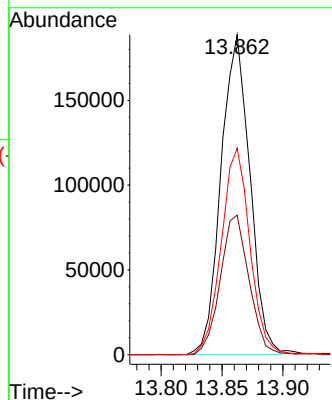
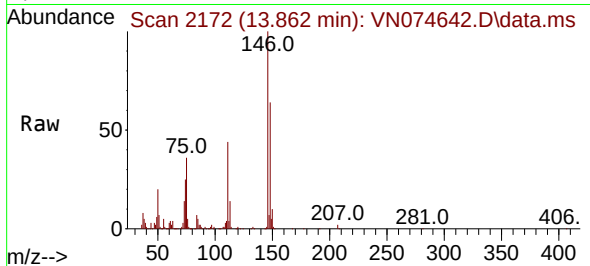




#87
1,2-Dichlorobenzene
Concen: 17.850 ug/l
RT: 13.862 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

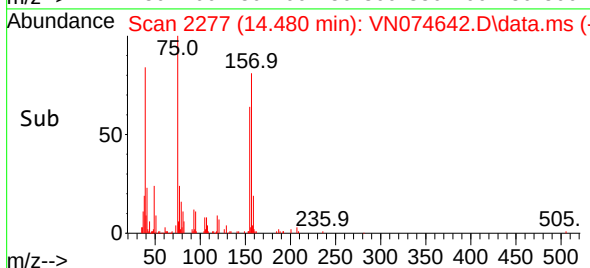
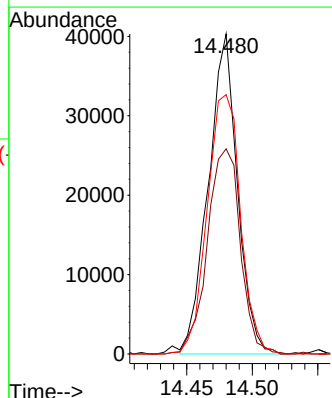
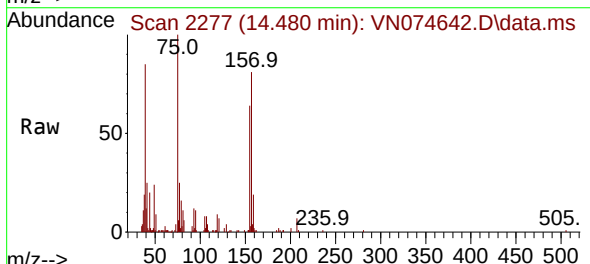
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

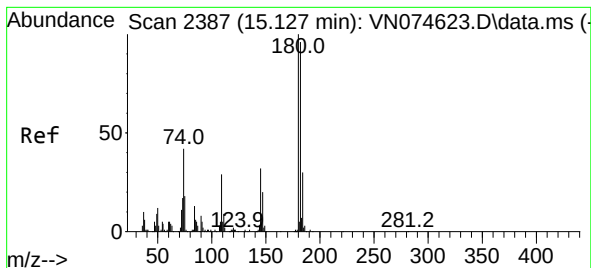
Tgt Ion:146 Resp: 310803
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.2
148 64.1 30.6 92.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.316 ug/l
RT: 14.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: VN074642.D
Acq: 28 Sep 2022 10:31

Tgt Ion: 75 Resp: 62264
Ion Ratio Lower Upper
75 100
155 72.5 66.3 99.5
157 92.6 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 19.454 ug/l

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

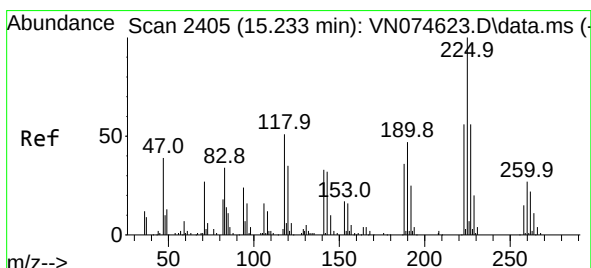
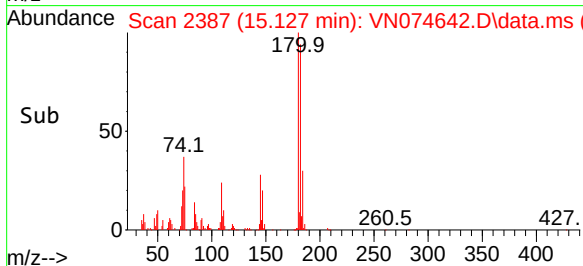
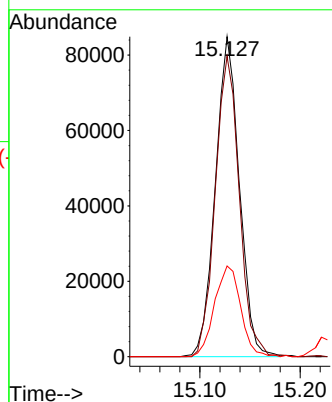
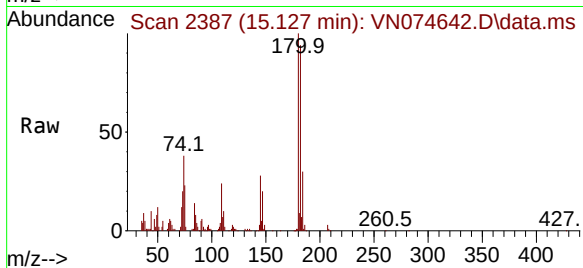
Tgt Ion:180 Resp: 141288

Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

145 30.8 26.3 39.5



#90

Hexachlorobutadiene

Concen: 21.057 ug/l

RT: 15.233 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

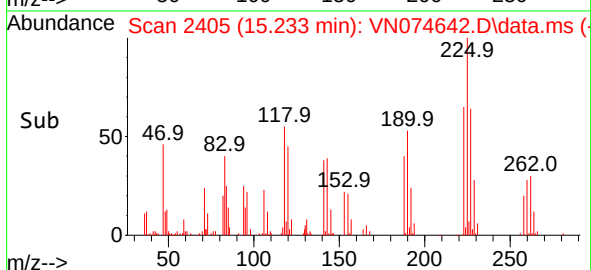
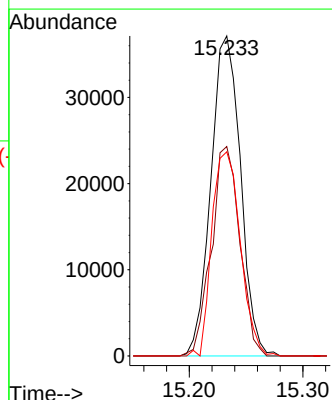
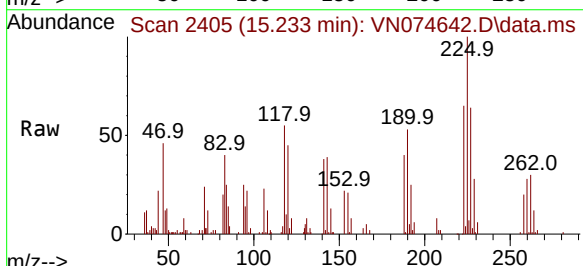
Tgt Ion:225 Resp: 67381

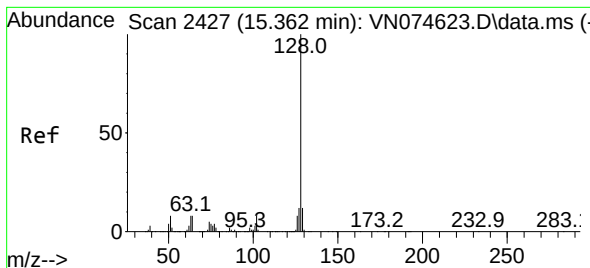
Ion Ratio Lower Upper

225 100

223 62.8 0.0 125.0

227 60.8 0.0 123.0





#91

Naphthalene

Concen: 18.606 ug/l

RT: 15.362 min Scan# 2427

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

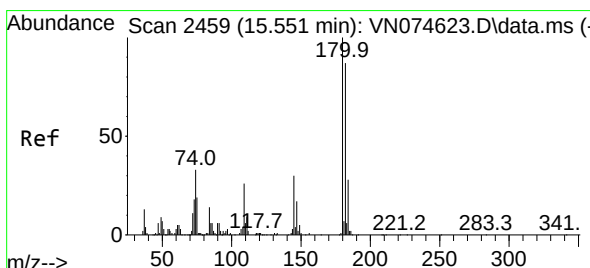
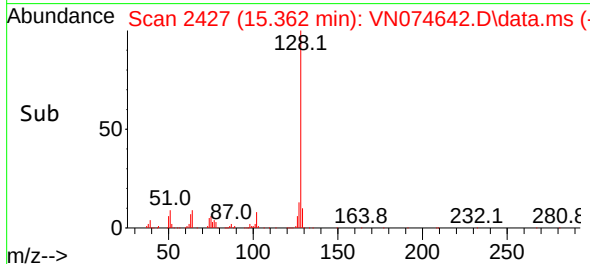
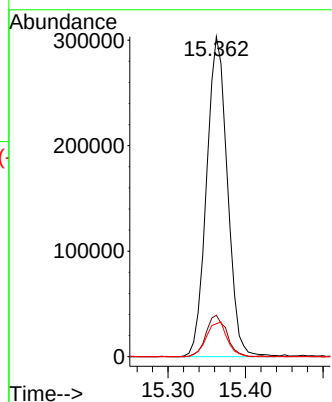
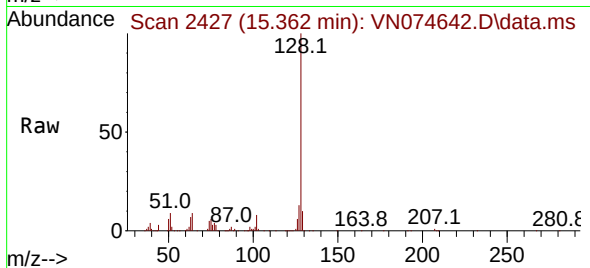
Tgt Ion:128 Resp: 566912

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.9 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 19.018 ug/l

RT: 15.551 min Scan# 2459

Delta R.T. -0.000 min

Lab File: VN074642.D

Acq: 28 Sep 2022 10:31

Tgt Ion:180 Resp: 138483

Ion Ratio Lower Upper

180 100

182 93.5 0.0 185.4

145 35.6 0.0 68.6

