

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074367.D
 Acq On : 08 Sep 2022 19:05
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Sep 09 05:39:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	53504	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	325322	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	293280	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	175534	31.954	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.500%
60) 4-Bromofluorobenzene	12.674	95	164004	27.963	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.200%
63) Toluene-d8	10.380	98	508053	30.841	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	70321	18.567	ug/l	99
3) Chloromethane	2.269	50	102800	19.695	ug/l	98
4) Vinyl Chloride	2.404	62	122286	21.907	ug/l	98
5) Bromomethane	2.798	94	82401	23.946	ug/l	91
6) Chloroethane	2.963	64	92150	24.351	ug/l	93
7) Trichlorofluoromethane	3.316	101	127612	20.209	ug/l	100
8) Diethyl Ether	3.769	74	51260	19.473	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	73192	19.811	ug/l	64
10) 1,1-Dichloroethene	4.116	96	72585	20.354	ug/l	94
11) Methyl Iodide	4.351	142	89037	20.334	ug/l	97
12) Methyl Acetate	4.775	43	156218	20.158	ug/l #	84
13) Acrolein	4.081	56	1075	1.028	ug/l	97
14) Acrylonitrile	5.469	53	314471	104.694	ug/l	98
15) Acetone	4.222	58	85024	106.819	ug/l	89
16) Carbon Disulfide	4.457	76	193191	18.904	ug/l	97
17) Allyl chloride	4.757	41	148632	19.300	ug/l	96
18) Methylene Chloride	5.010	84	88618	19.521	ug/l	86
19) trans-1,2-Dichloroethene	5.510	96	77660	19.045	ug/l	93
20) Diisopropyl ether	6.404	45	316555	19.961	ug/l #	92
21) 1,1-Dichloroethane	6.310	63	163404	19.617	ug/l	97
22) cis-1,2-Dichloroethene	7.251	96	94460	19.061	ug/l	94
23) tert-Butyl Alcohol	5.281	59	142582	109.624	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	294995	19.660	ug/l	97
25) Chloroform	7.745	83	164246	19.408	ug/l	97
26) Cyclohexane	8.022	56	149055	19.493	ug/l #	95
29) 1,1-Dichloropropene	8.151	75	117342	18.145	ug/l	97
30) 2-Butanone	7.257	43	476171	103.975	ug/l	93
31) 2,2-Dichloropropane	7.251	77	137614	17.391	ug/l	96
32) 1,1,1-Trichloroethane	7.945	97	150882	18.927	ug/l	96
33) Carbon Tetrachloride	8.133	117	124382	18.031	ug/l	92
34) Benzene	8.392	78	368104	18.514	ug/l #	95
35) Methacrylonitrile	7.569	41	89080	21.169	ug/l	86
36) 1,2-Dichloroethane	8.463	62	139259	19.144	ug/l	99
37) Trichloroethene	9.157	130	84092	18.404	ug/l	96
38) Methylcyclohexane	9.398	83	146594	18.007	ug/l	93
39) 1,2-Dichloropropane	9.427	63	96500	18.847	ug/l	92
40) Dibromomethane	9.516	93	68692	19.283	ug/l	92
41) Bromodichloromethane	9.698	83	129105	18.238	ug/l #	92
42) Vinyl Acetate	6.351	43	1463370	96.813	ug/l	98

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 ALS Vial : 17 Sample Multiplier: 1

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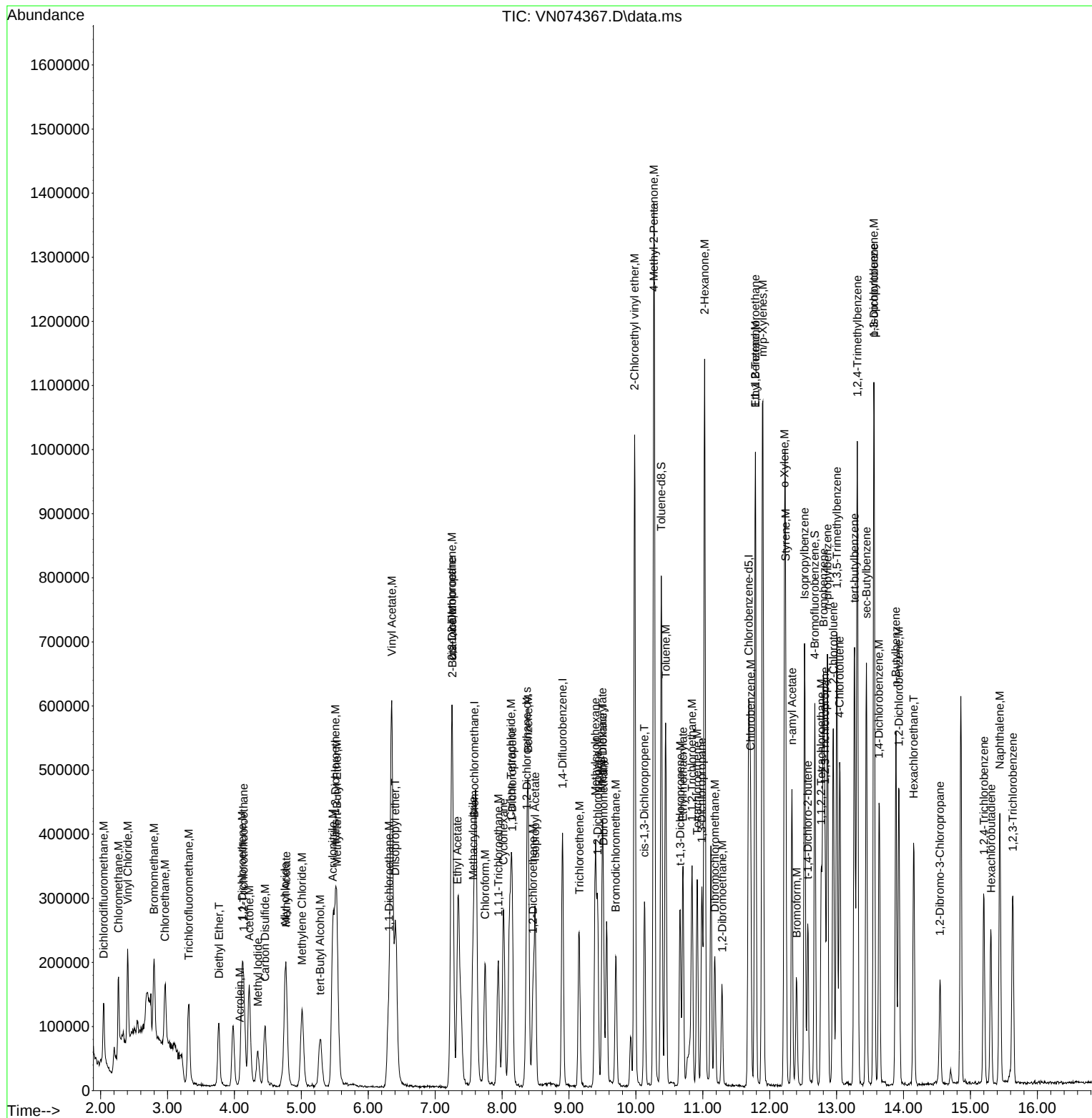
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.333	43	166153	18.283	ug/l	98
44) Isopropyl Acetate	8.492	43	285155	19.743	ug/l	99
45) 1,4-Dioxane	9.504	88	50563	378.208	ug/l #	85
46) Methyl methacrylate	9.498	41	121605	19.686	ug/l	93
47) n-amyl Acetate	12.333	43	250753	19.102	ug/l	93
48) t-1,3-Dichloropropene	10.663	75	143073	17.303	ug/l	96
49) cis-1,3-Dichloropropene	10.127	75	150050	17.782	ug/l	91
50) 1,1,2-Trichloroethane	10.839	97	95507	18.950	ug/l	89
51) Ethyl methacrylate	10.704	69	164153	18.306	ug/l	96
52) 1,3-Dichloropropane	10.986	76	165398	18.923	ug/l	99
53) Dibromochloromethane	11.180	129	97159	17.928	ug/l	98
54) 1,2-Dibromoethane	11.292	107	96227	18.214	ug/l	96
55) 2-Chloroethyl vinyl ether	9.980	63	422613	98.117	ug/l	98
56) Bromoform	12.404	173	66491	16.106	ug/l #	100
58) 4-Methyl-2-Pentanone	10.269	43	956512	104.925	ug/l	96
59) 2-Hexanone	11.027	43	738484	103.974	ug/l	98
61) Tetrachloroethene	10.916	164	64954	17.851	ug/l #	81
62) Toluene	10.445	91	405335	19.116	ug/l	97
64) Chlorobenzene	11.716	112	229874	18.320	ug/l	89
65) 1,1,1,2-Tetrachloroethane	11.786	131	91914	19.340	ug/l	96
66) Ethyl Benzene	11.786	91	443644	18.917	ug/l	98
67) m/p-Xylenes	11.898	106	328539	36.742	ug/l	95
68) o-Xylene	12.221	106	166936	18.292	ug/l	96
69) Styrene	12.239	104	267117	17.694	ug/l	97
70) Isopropylbenzene	12.521	105	432361	18.242	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.768	83	162088	19.611	ug/l	95
72) 1,2,3-Trichloropropane	12.827	75	202784	29.874	ug/l	48
73) Bromobenzene	12.804	156	91026	17.708	ug/l	80
74) n-propylbenzene	12.863	91	499979	18.150	ug/l	99
75) 2-Chlorotoluene	12.951	91	295631	17.984	ug/l	97
76) 1,3,5-Trimethylbenzene	13.004	105	358420	17.985	ug/l	96
77) t-1,4-Dichloro-2-butene	12.568	75	51300	17.090	ug/l	93
78) 4-Chlorotoluene	13.045	91	292016	18.048	ug/l	94
79) tert-butylbenzene	13.268	119	321970	18.170	ug/l	99
80) 1,2,4-Trimethylbenzene	13.310	105	359643	17.927	ug/l #	82
81) sec-Butylbenzene	13.445	105	437194	17.691	ug/l	99
82) p-Isopropyltoluene	13.557	119	349026	17.086	ug/l	98
83) 1,3-Dichlorobenzene	13.557	146	167908	17.367	ug/l	99
84) 1,4-Dichlorobenzene	13.633	146	167710	17.512	ug/l	99
85) n-Butylbenzene	13.886	91	293401	16.366	ug/l	98
86) Hexachloroethane	14.151	117	71769	17.991	ug/l	95
87) 1,2-Dichlorobenzene	13.933	146	174303	17.437	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.545	75	39161	19.347	ug/l	95
89) 1,2,4-Trichlorobenzene	15.204	180	85904	16.438	ug/l	95
90) Hexachlorobutadiene	15.309	225	39072	17.518	ug/l	97
91) Naphthalene	15.439	128	359041	17.138	ug/l	98
92) 1,2,3-Trichlorobenzene	15.633	180	90113	16.983	ug/l	99

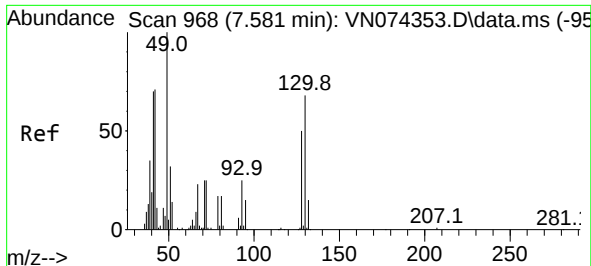
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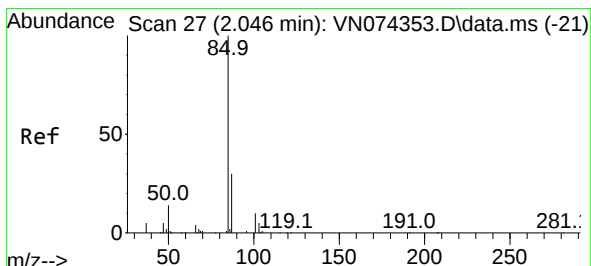
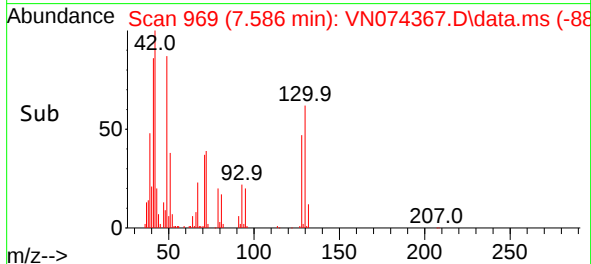
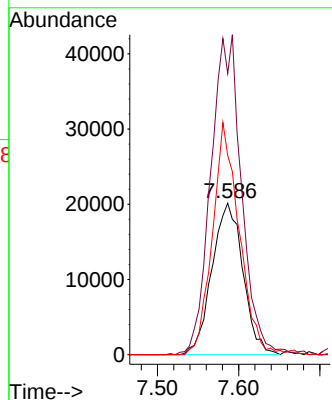
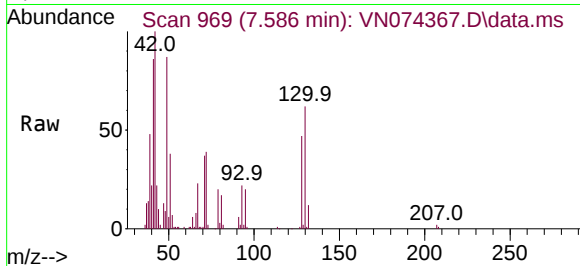




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 9
Delta R.T. 0.005 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

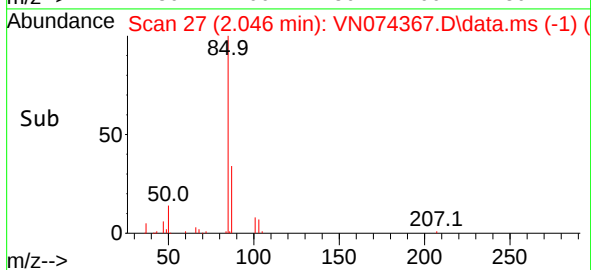
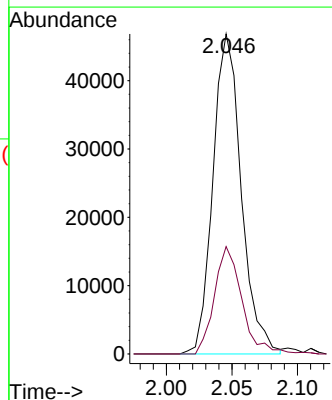
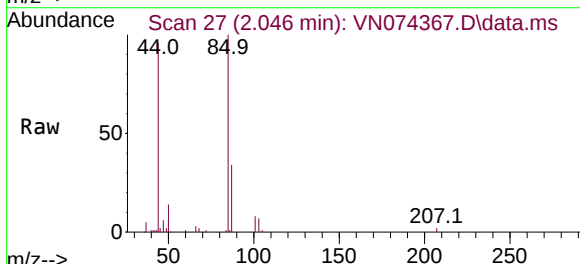
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ClientSampleId :
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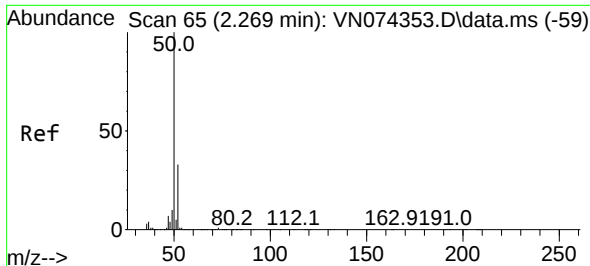
Tgt Ion:128 Resp: 53504
Ion Ratio Lower Upper
128 100
49 124.3 0.0 392.3
130 132.3 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 18.567 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 85 Resp: 70321
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.7

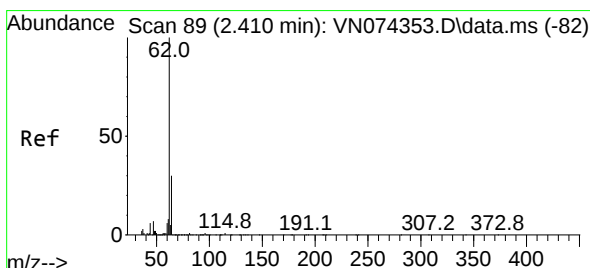
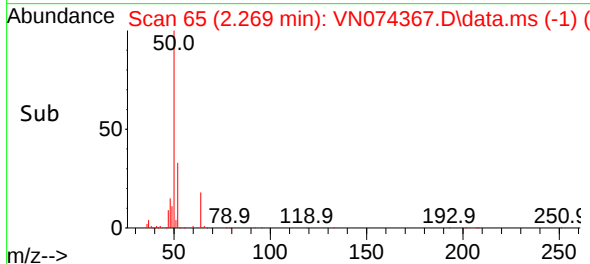
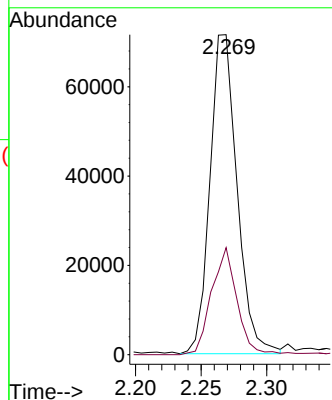
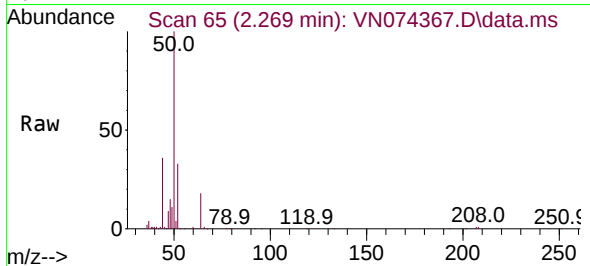




#3
Chloromethane
Concen: 19.695 ug/l
RT: 2.269 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

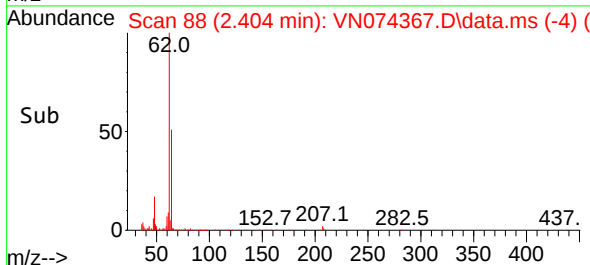
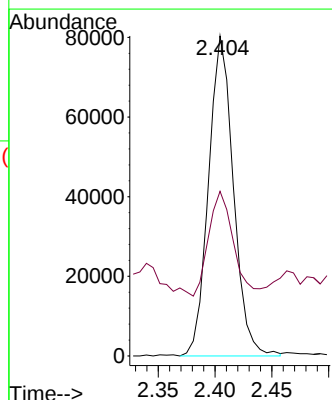
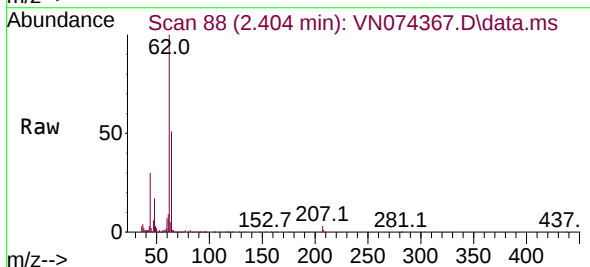
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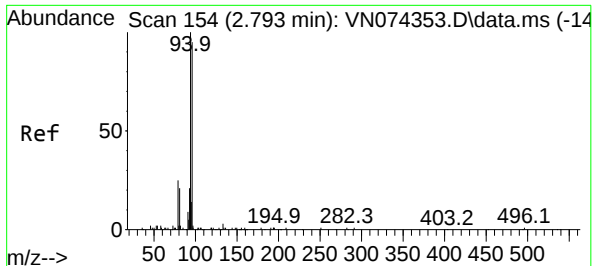
Tgt Ion: 50 Resp: 102800
Ion Ratio Lower Upper
50 100
52 33.6 27.8 41.6



#4
Vinyl Chloride
Concen: 21.907 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 62 Resp: 122286
Ion Ratio Lower Upper
62 100
64 30.2 25.1 37.7

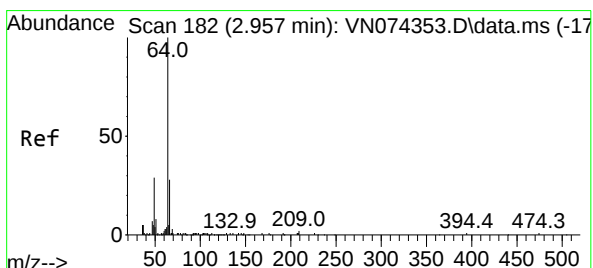
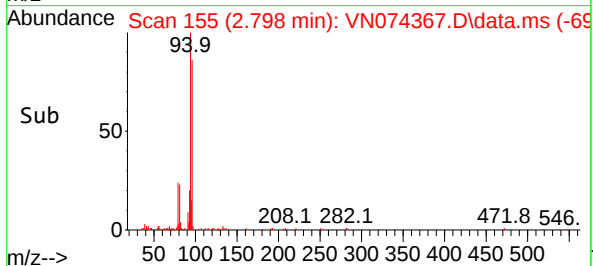
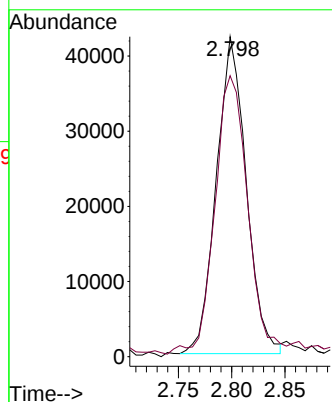
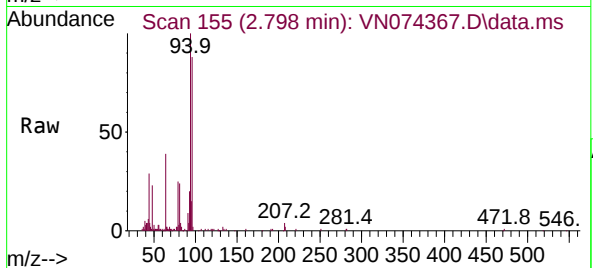




#5
Bromomethane
Concen: 23.946 ug/l
RT: 2.798 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

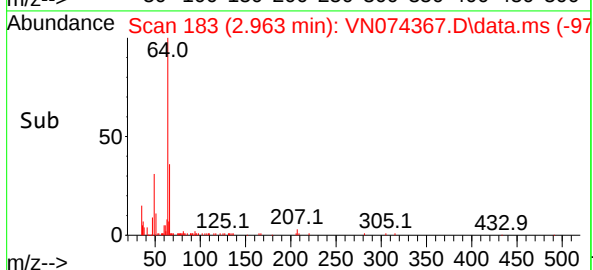
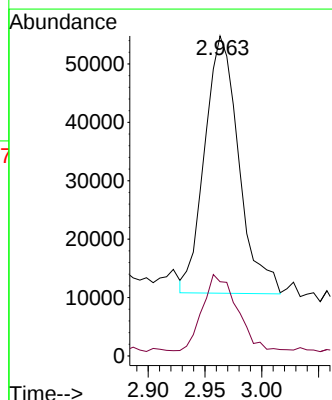
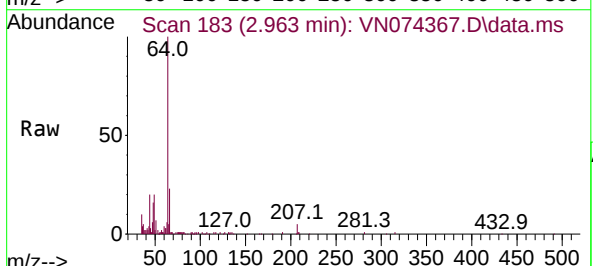
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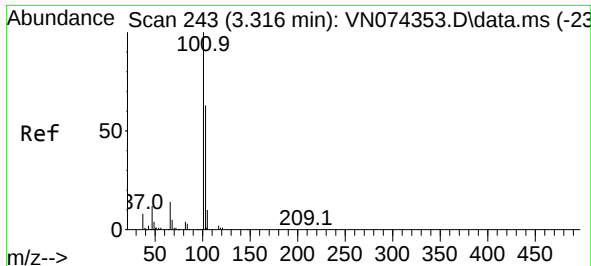
Tgt Ion: 94 Resp: 82401
Ion Ratio Lower Upper
94 100
96 85.2 75.2 112.8



#6
Chloroethane
Concen: 24.351 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 64 Resp: 92150
Ion Ratio Lower Upper
64 100
66 26.8 24.6 36.8

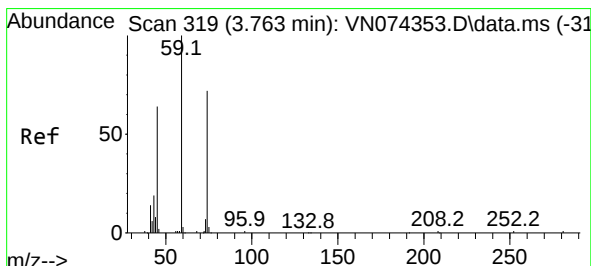
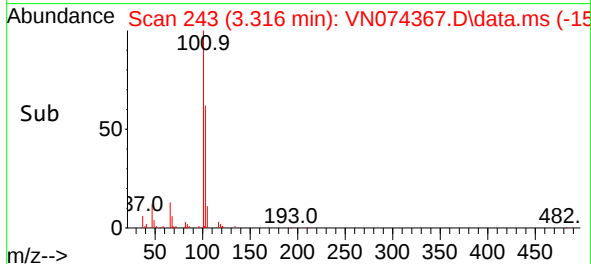
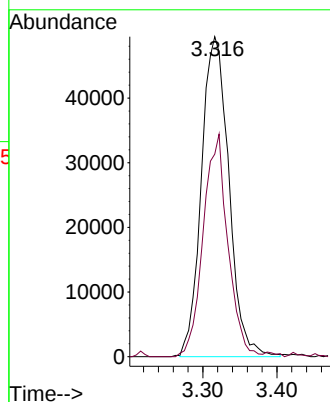
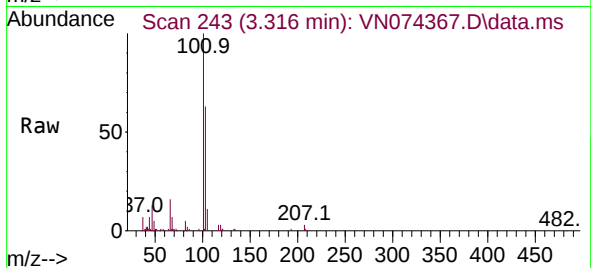




#7
 Trichlorofluoromethane
 Concen: 20.209 ug/l
 RT: 3.316 min Scan# 243
 Delta R.T. -0.000 min
 Lab File: VN074367.D
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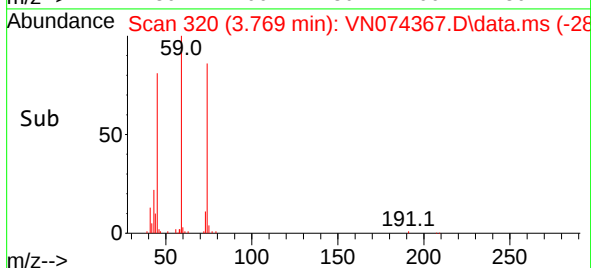
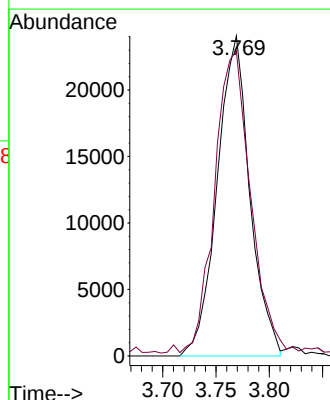
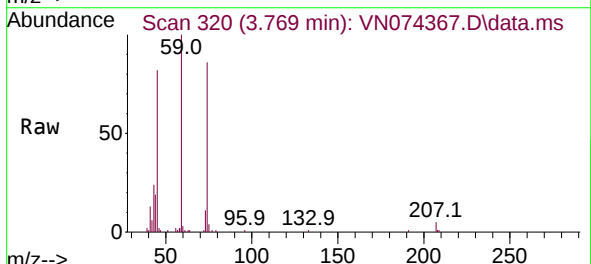
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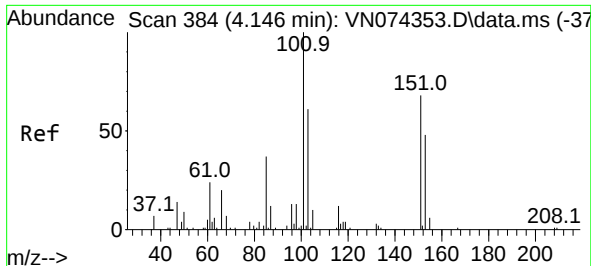
Tgt Ion:101 Resp: 127612
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.473 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

Tgt Ion: 74 Resp: 51260
 Ion Ratio Lower Upper
 74 100
 45 104.9 17.6 158.8

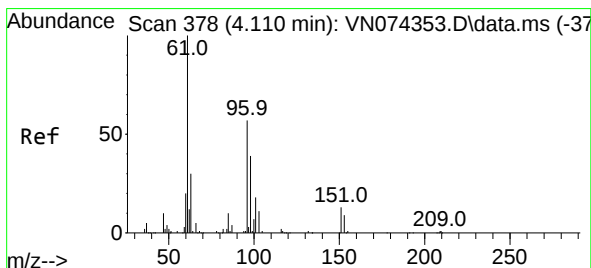
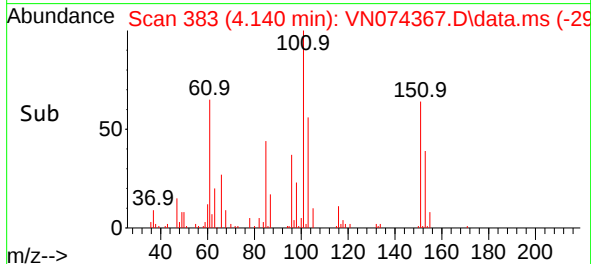
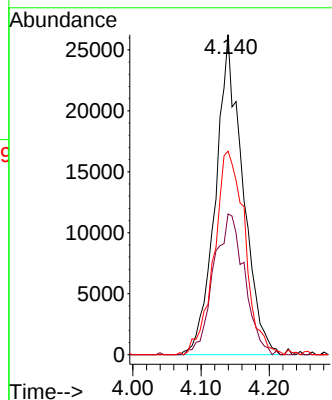
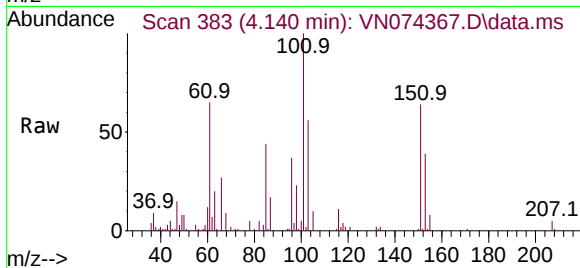




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.811 ug/l
RT: 4.140 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN074367.D
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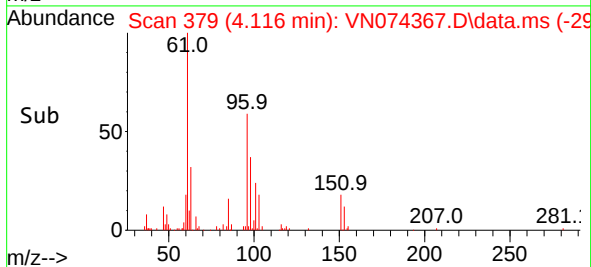
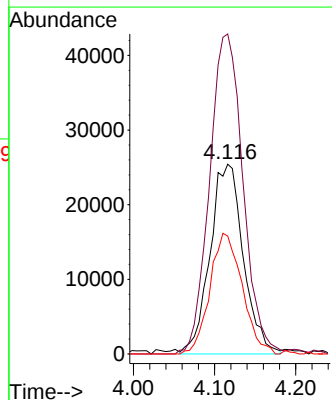
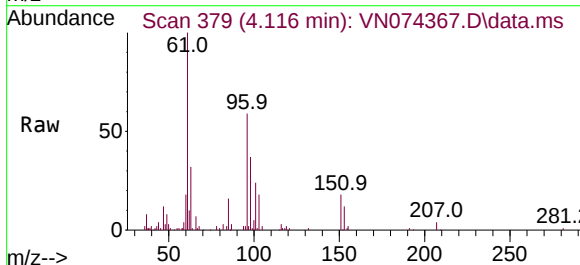
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

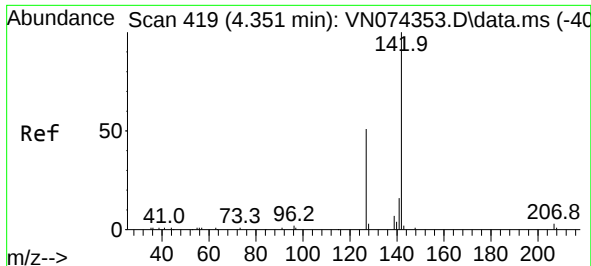
Tgt Ion:101 Resp: 73192
Ion Ratio Lower Upper
101 100
85 33.5 0.0 94.0
151 71.0 0.0 74.6



#10
1,1-Dichloroethene
Concen: 20.354 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 96 Resp: 72585
Ion Ratio Lower Upper
96 100
61 168.2 126.2 189.4
98 62.8 50.9 76.3

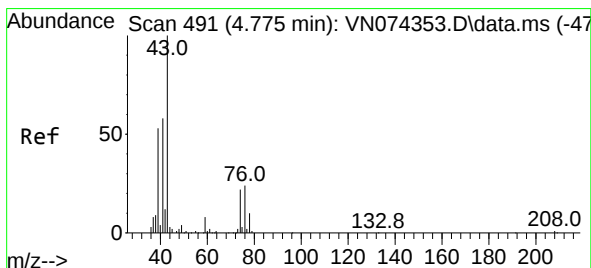
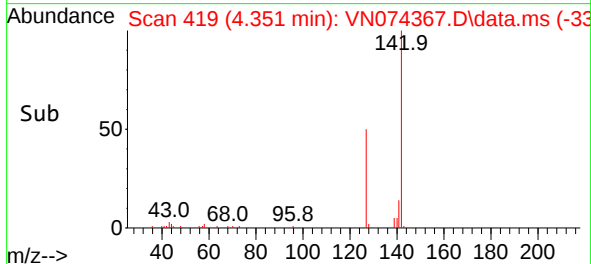
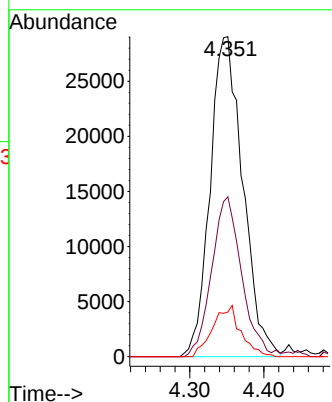
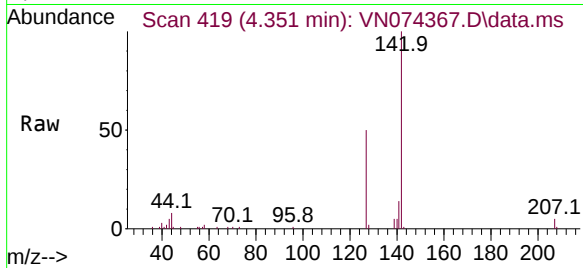




#11
Methyl Iodide
Concen: 20.334 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

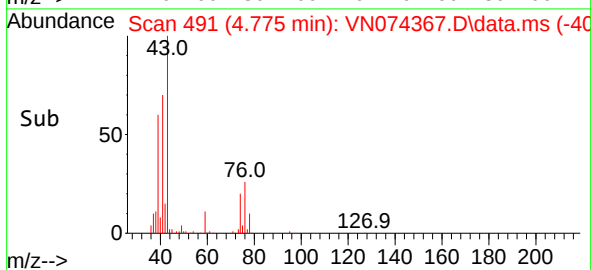
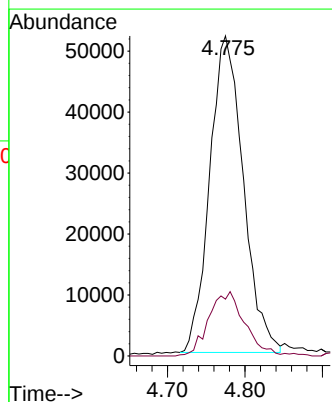
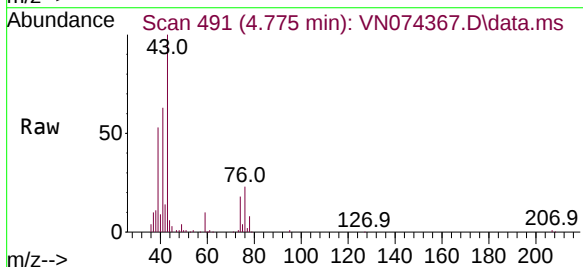
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

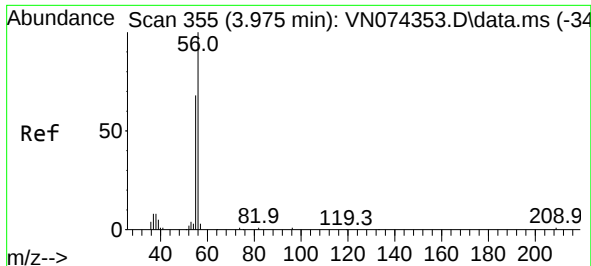
Tgt Ion:142 Resp: 89037
Ion Ratio Lower Upper
142 100
127 49.4 24.0 72.0
141 14.0 8.4 25.2



#12
Methyl Acetate
Concen: 20.158 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 43 Resp: 156218
Ion Ratio Lower Upper
43 100
74 17.7 20.8 31.2#

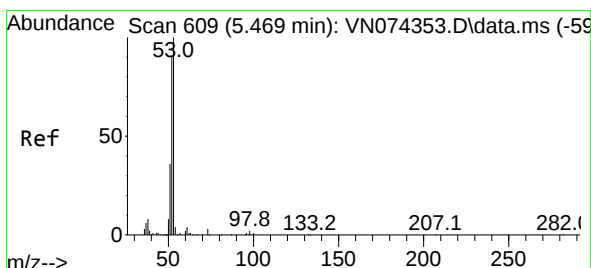
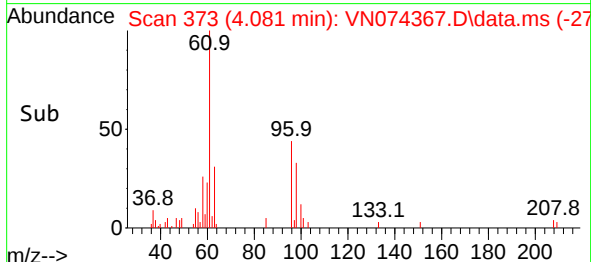
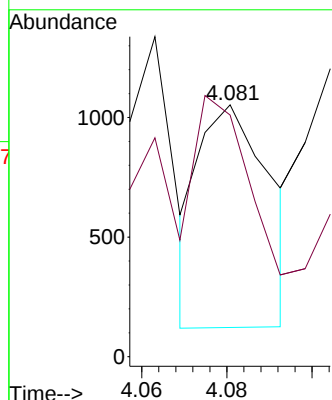
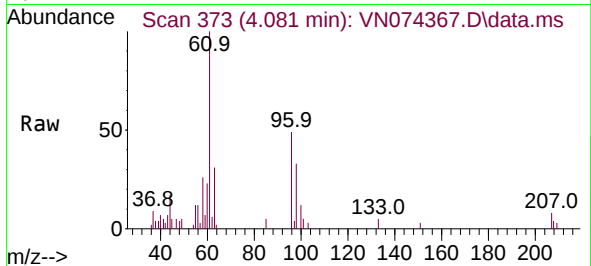




#13
Acrolein
Concen: 1.028 ug/l
RT: 4.081 min Scan# 31
Delta R.T. 0.106 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

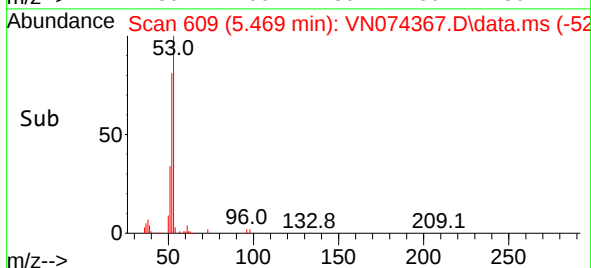
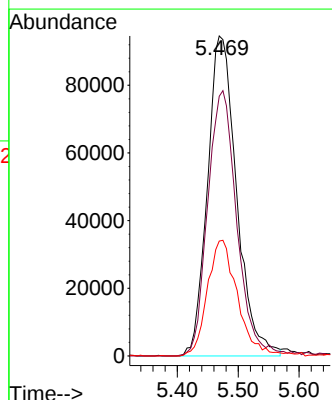
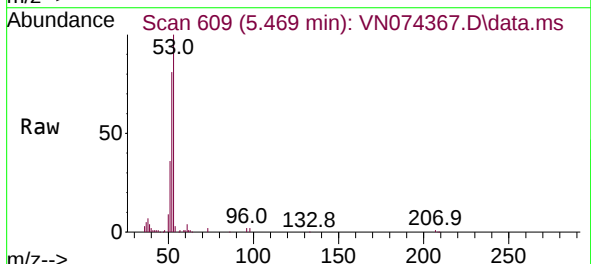
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

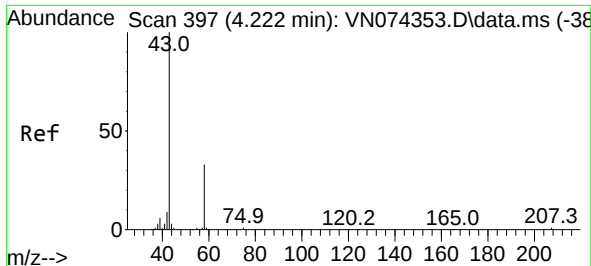
Tgt Ion: 56 Resp: 1075
Ion Ratio Lower Upper
56 100
55 69.2 57.6 86.4



#14
Acrylonitrile
Concen: 104.694 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 53 Resp: 314471
Ion Ratio Lower Upper
53 100
52 81.5 41.8 125.4
51 36.9 19.0 57.0

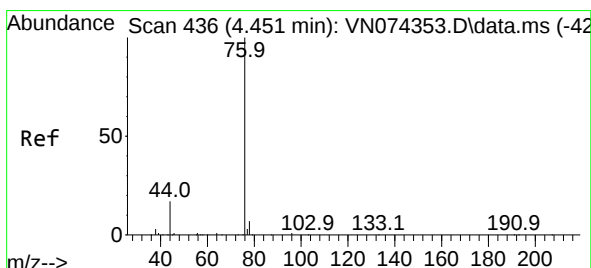
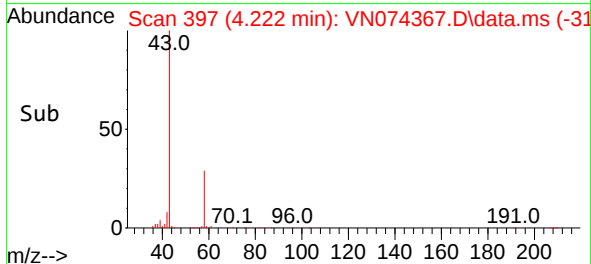
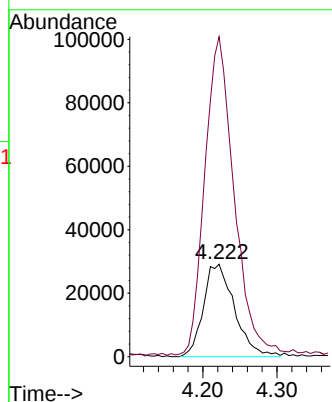
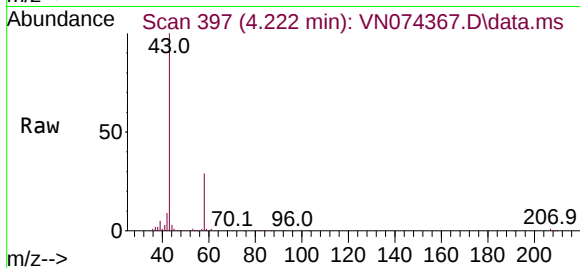




#15
Acetone
Concen: 106.819 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

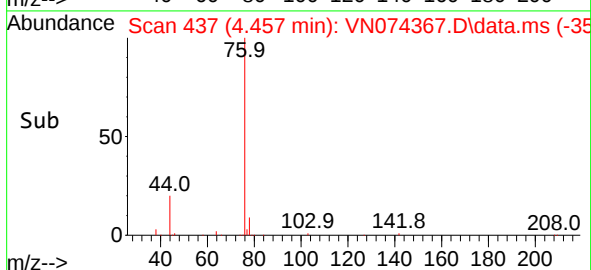
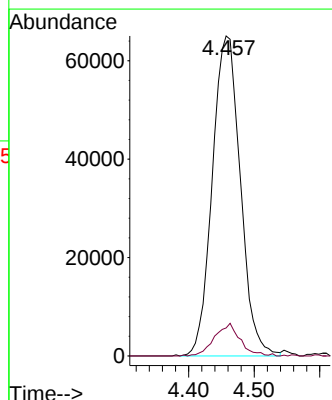
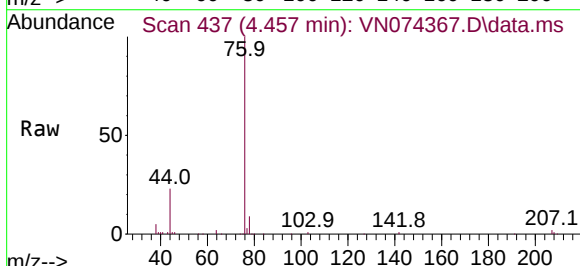
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

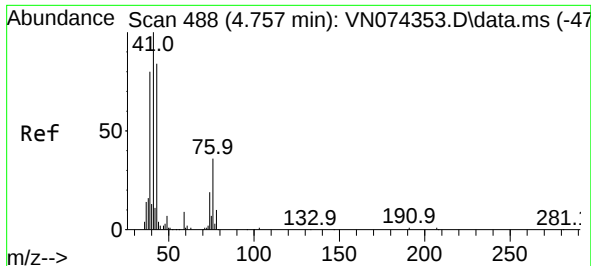
Tgt Ion: 58 Resp: 85024
Ion Ratio Lower Upper
58 100
43 343.4 256.6 384.8



#16
Carbon Disulfide
Concen: 18.904 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 76 Resp: 193191
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8

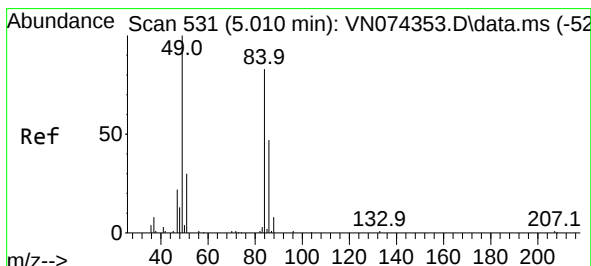
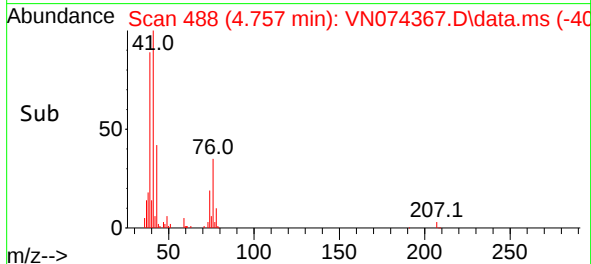
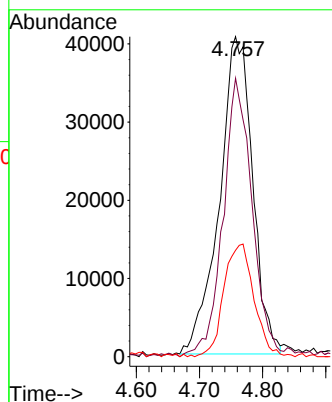
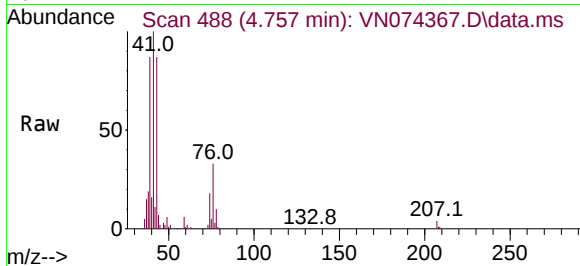




#17
 Allyl chloride
 Concen: 19.300 ug/l
 RT: 4.757 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

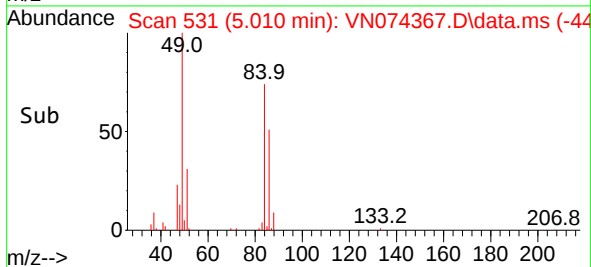
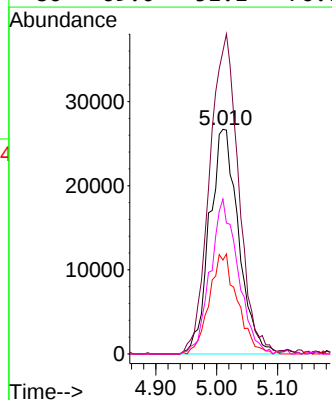
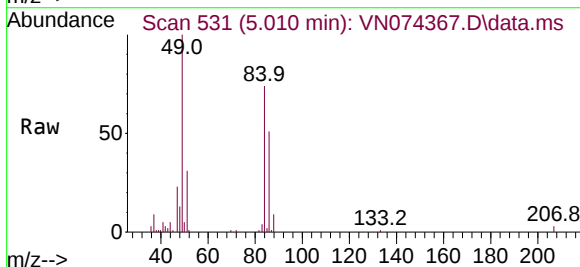
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

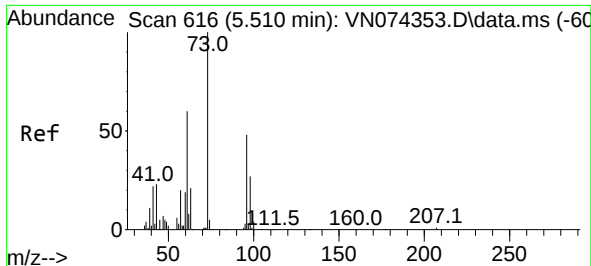
Tgt Ion: 41 Resp: 148632
 Ion Ratio Lower Upper
 41 100
 39 87.8 44.6 134.0
 76 33.6 19.6 58.7



#18
 Methylene Chloride
 Concen: 19.521 ug/l
 RT: 5.010 min Scan# 531
 Delta R.T. -0.000 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

Tgt Ion: 84 Resp: 88618
 Ion Ratio Lower Upper
 84 100
 49 134.9 91.4 137.0
 51 41.8 29.4 44.0
 86 69.0 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 19.045 ug/l

RT: 5.510 min Scan# 616

Delta R.T. -0.000 min

Lab File: VN074367.D

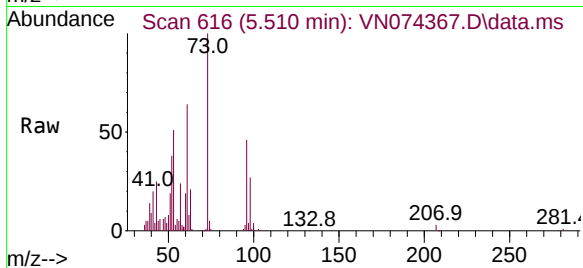
Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



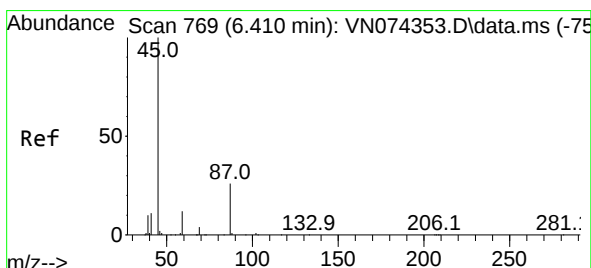
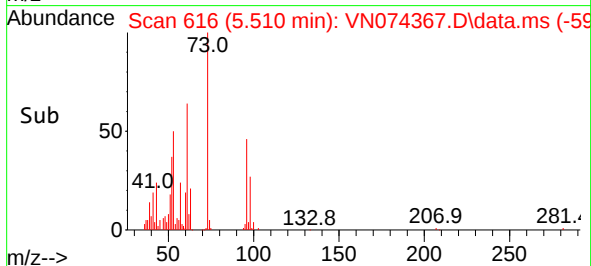
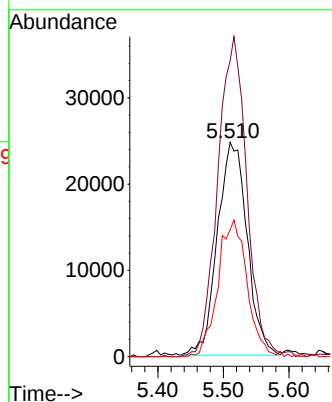
Tgt Ion: 96 Resp: 77660

Ion Ratio Lower Upper

96 100

61 139.1 102.8 154.2

98 59.7 49.3 73.9



#20

Diisopropyl ether

Concen: 19.961 ug/l

RT: 6.404 min Scan# 768

Delta R.T. -0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Tgt Ion: 45 Resp: 316555

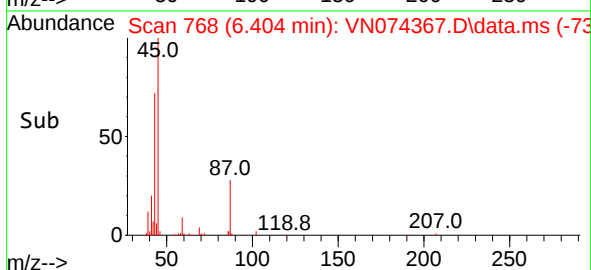
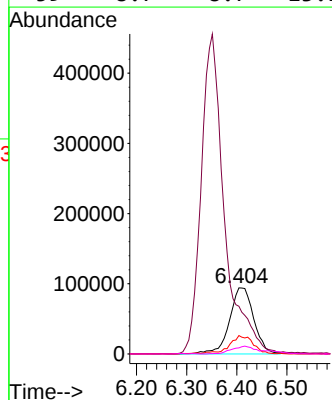
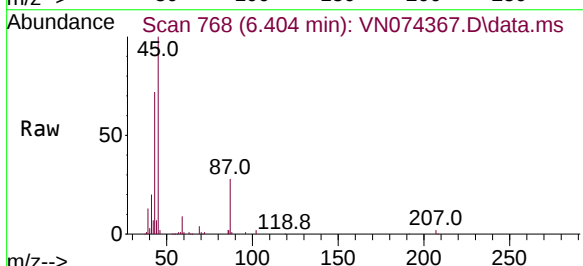
Ion Ratio Lower Upper

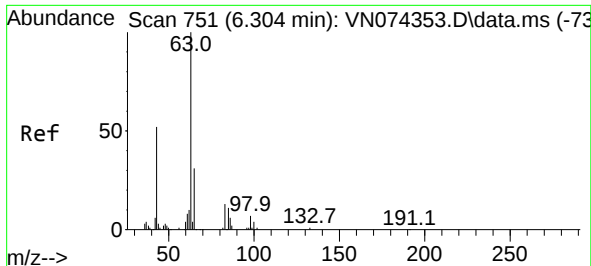
45 100

43 71.1 51.0 76.4

87 27.2 25.0 37.4

59 8.7 8.7 13.1#





#21

1,1-Dichloroethane

Concen: 19.617 ug/l

RT: 6.310 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

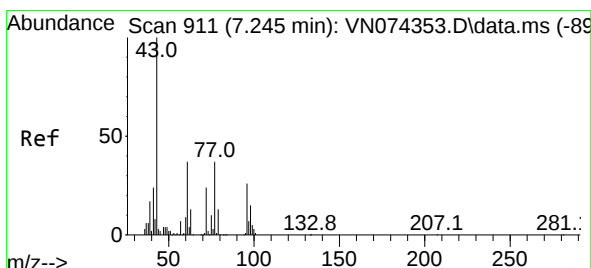
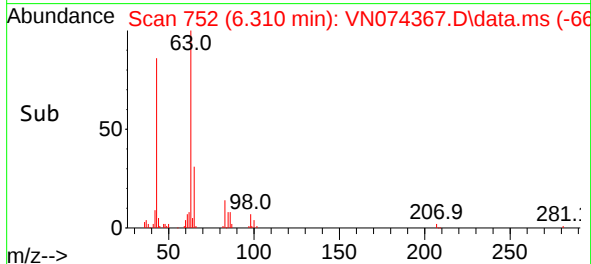
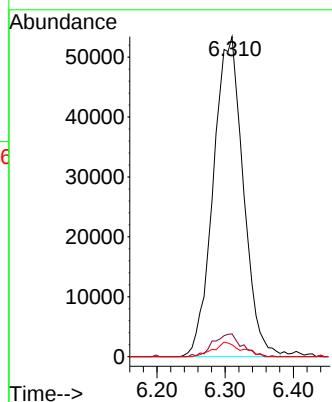
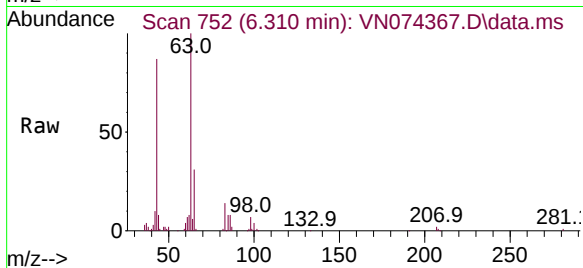
Tgt Ion: 63 Resp: 163404

Ion Ratio Lower Upper

63 100

98 7.7 3.2 9.6

100 3.8 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 19.061 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

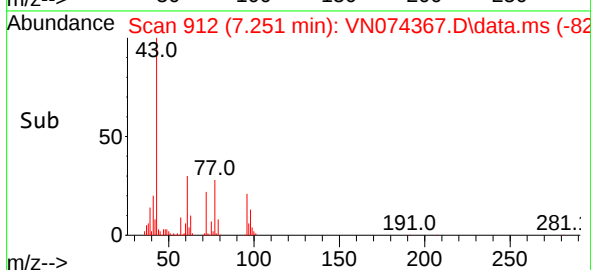
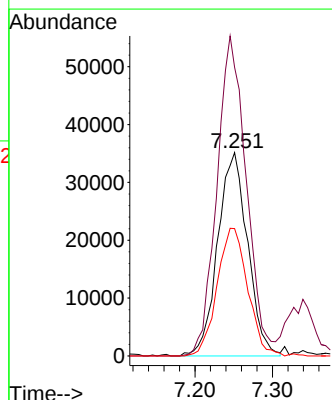
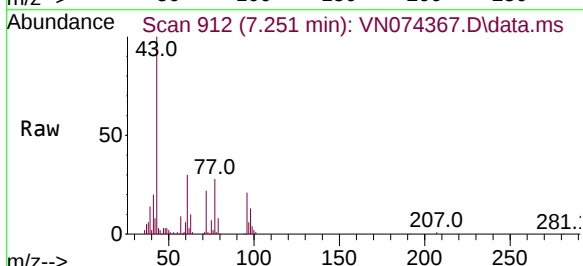
Tgt Ion: 96 Resp: 94460

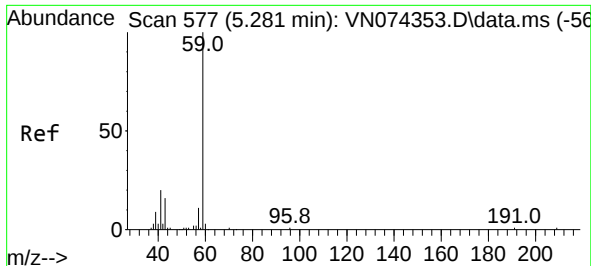
Ion Ratio Lower Upper

96 100

61 154.7 115.7 173.5

98 63.9 51.6 77.4

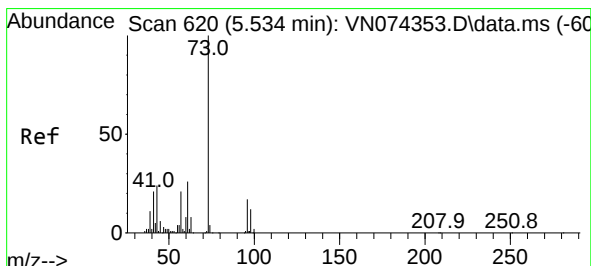
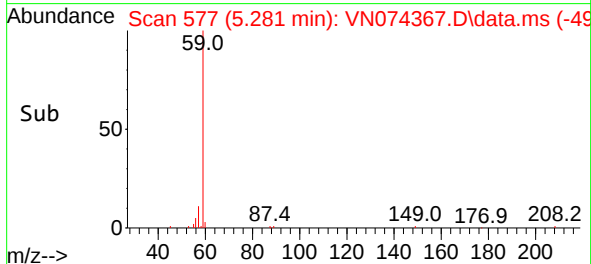
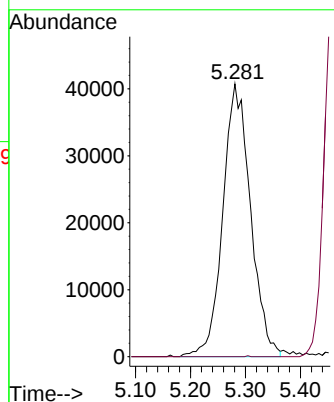
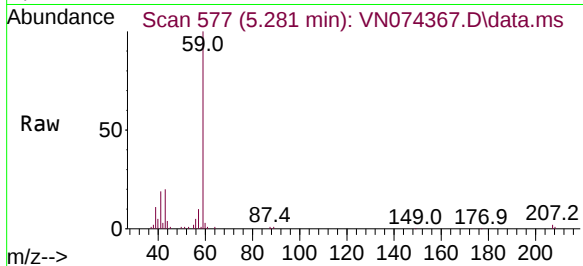




#23
tert-Butyl Alcohol
Concen: 109.624 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

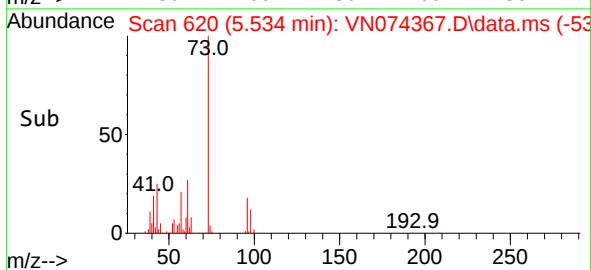
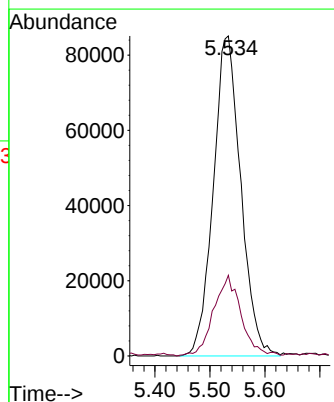
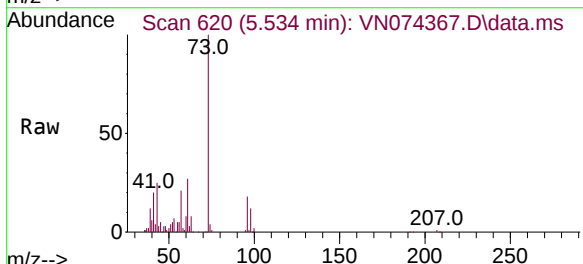
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

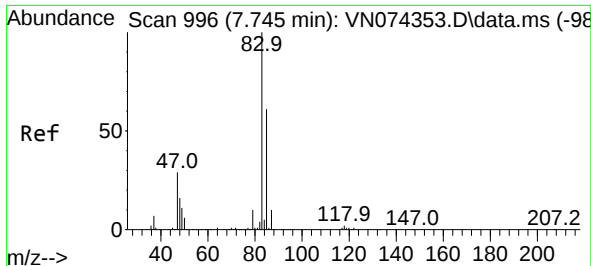
Tgt Ion: 59 Resp: 142582
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.660 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 73 Resp: 294995
Ion Ratio Lower Upper
73 100
43 23.8 18.1 27.1

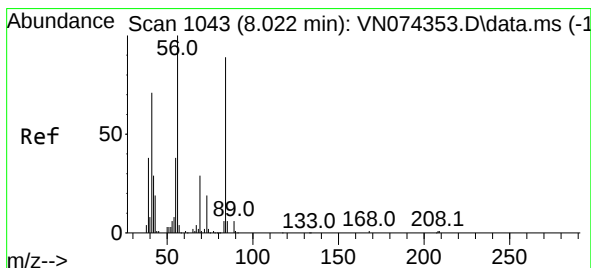
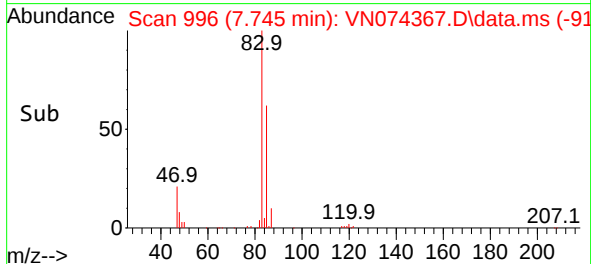
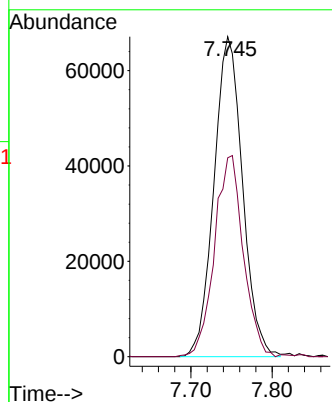
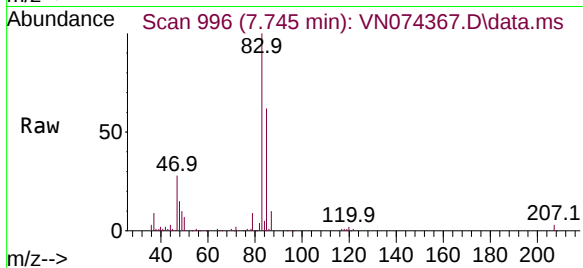




#25
Chloroform
Concen: 19.408 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

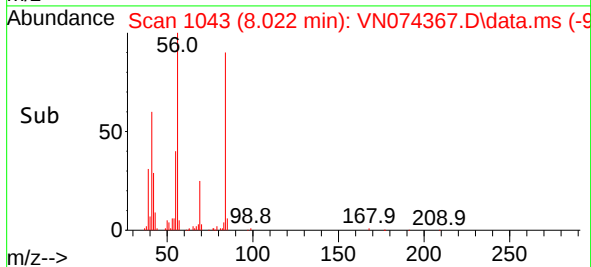
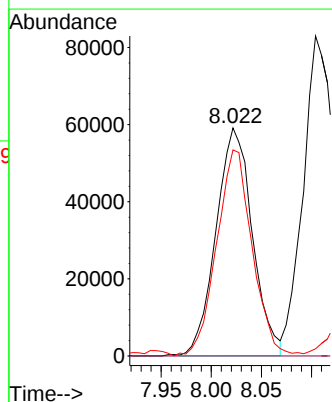
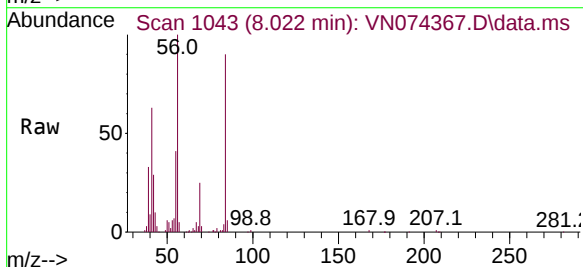
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

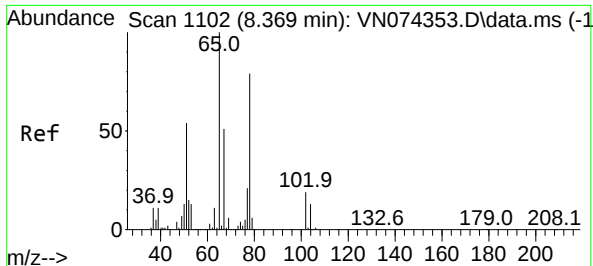
Tgt Ion: 83 Resp: 164246
Ion Ratio Lower Upper
83 100
85 61.8 51.3 76.9



#26
Cyclohexane
Concen: 19.493 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 56 Resp: 149055
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 88.3 74.6 111.8

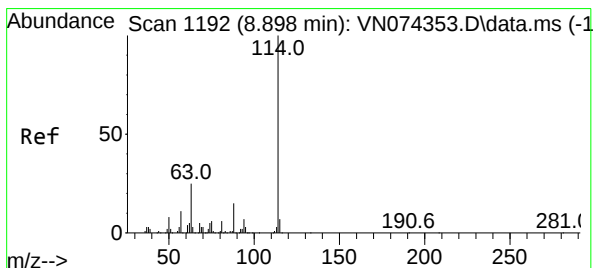
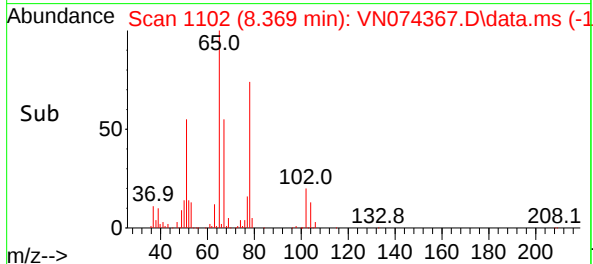
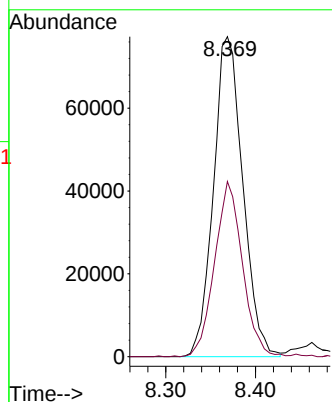
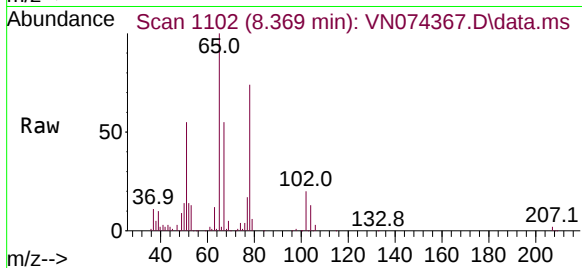




#27
 1,2-Dichloroethane-d4
 Concen: 31.954 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

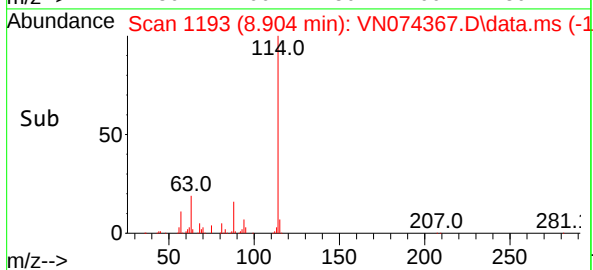
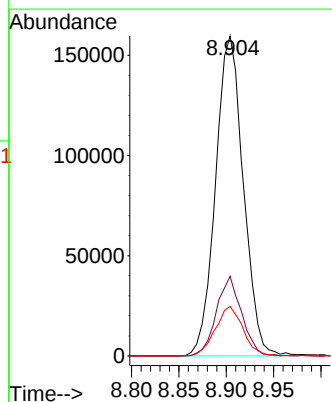
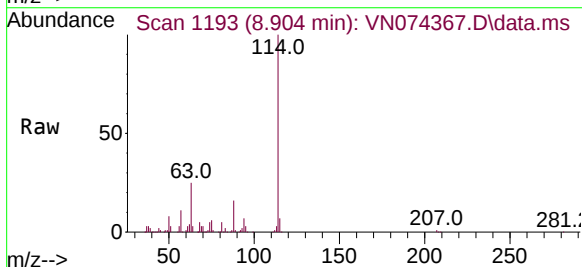
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

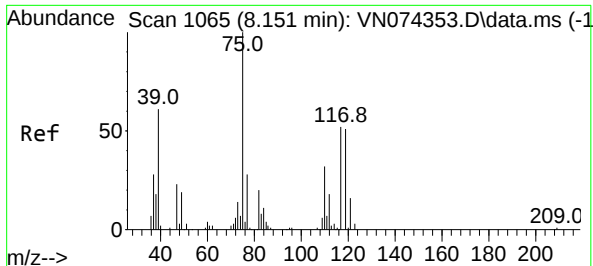
Tgt Ion: 65 Resp: 175534
 Ion Ratio Lower Upper
 65 100
 67 51.9 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

Tgt Ion: 114 Resp: 325322
 Ion Ratio Lower Upper
 114 100
 63 22.6 15.8 23.6
 88 15.5 11.6 17.4





#29

1,1-Dichloropropene

Concen: 18.145 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

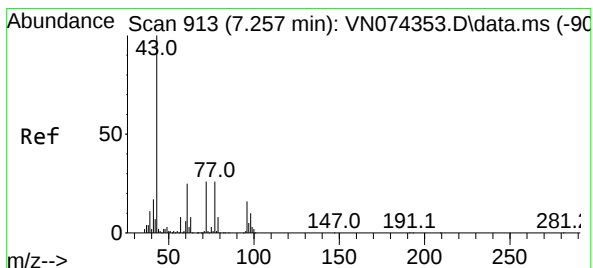
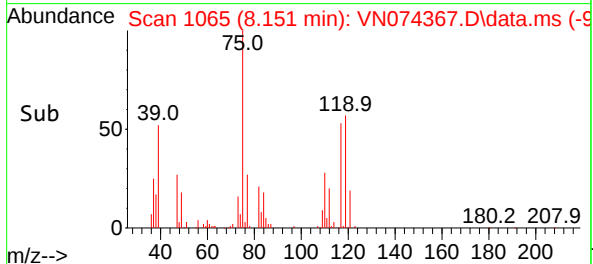
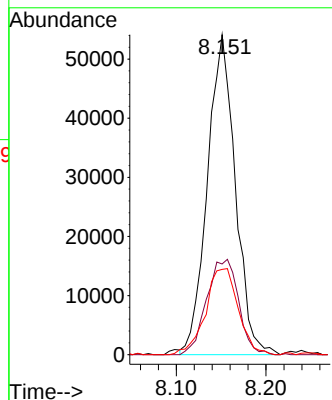
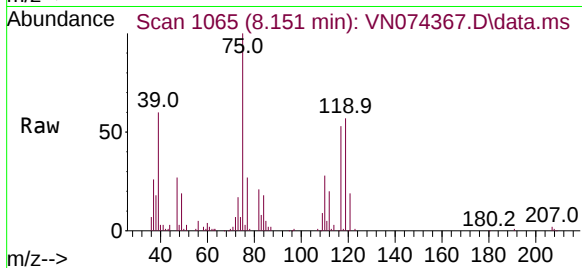
Tgt Ion: 75 Resp: 117342

Ion Ratio Lower Upper

75 100

110 33.9 0.0 74.2

77 31.5 0.0 63.2



#30

2-Butanone

Concen: 103.975 ug/l

RT: 7.257 min Scan# 913

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

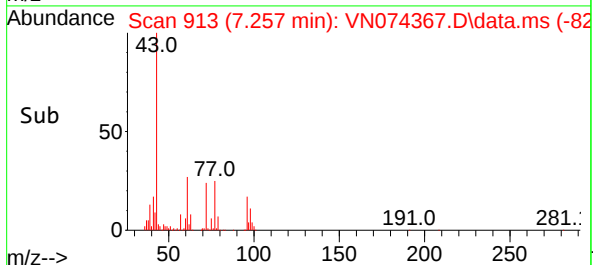
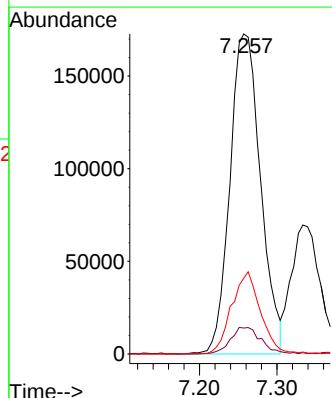
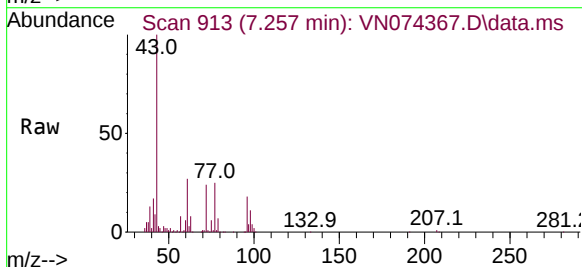
Tgt Ion: 43 Resp: 476171

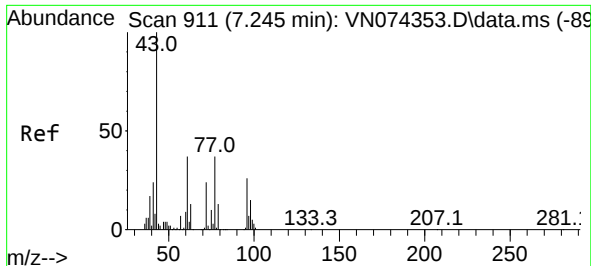
Ion Ratio Lower Upper

43 100

57 8.2 6.7 10.1

72 24.1 23.2 34.8





#31

2,2-Dichloropropane

Concen: 17.391 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

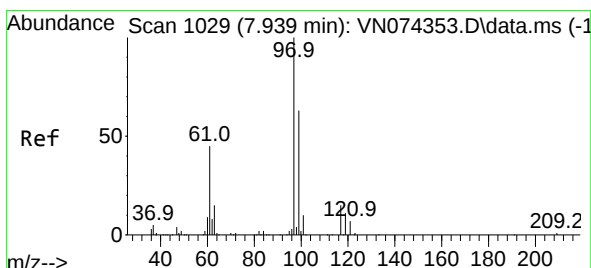
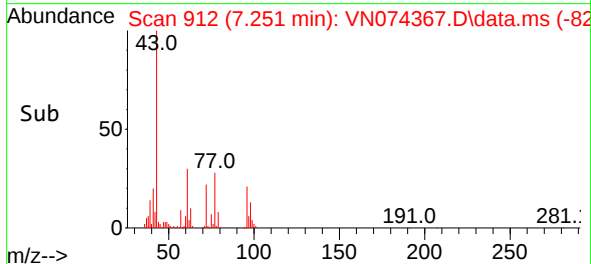
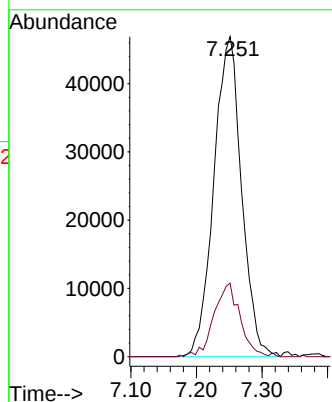
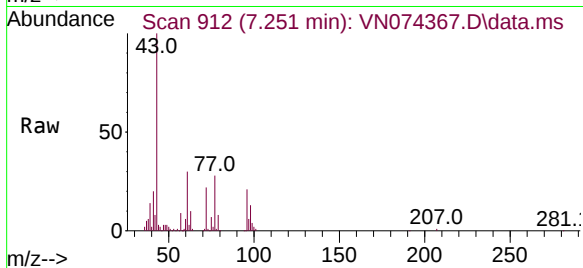
VSTDCCC020EC

Tgt Ion: 77 Resp: 137614

Ion Ratio Lower Upper

77 100

97 21.2 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 18.927 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

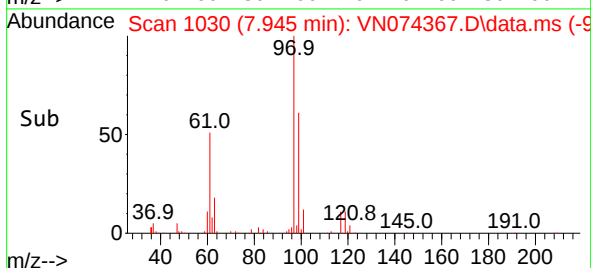
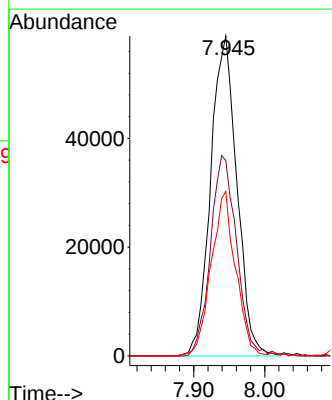
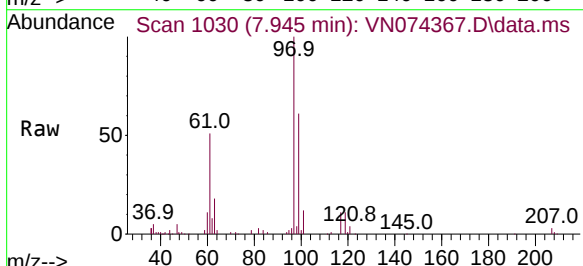
Tgt Ion: 97 Resp: 150882

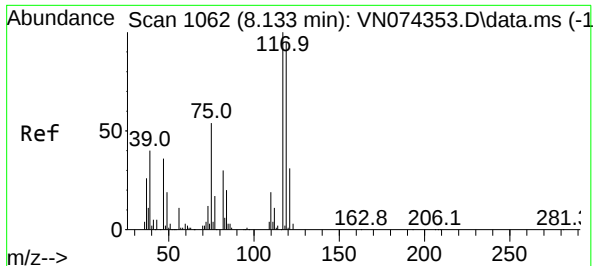
Ion Ratio Lower Upper

97 100

99 62.0 50.4 75.6

61 48.0 34.6 51.8

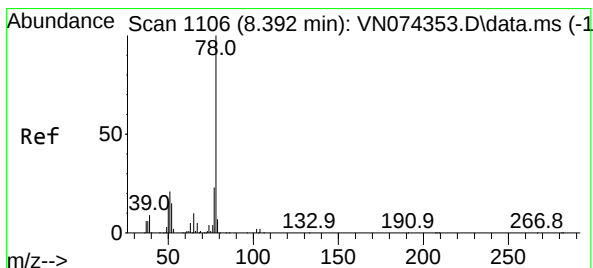
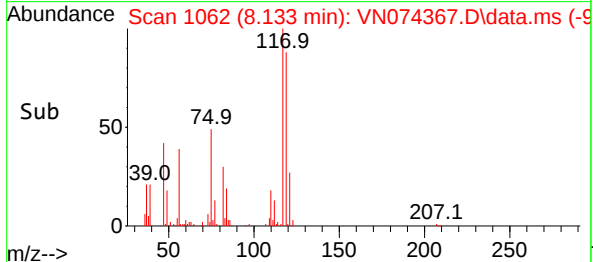
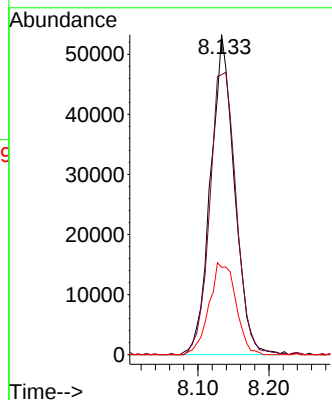
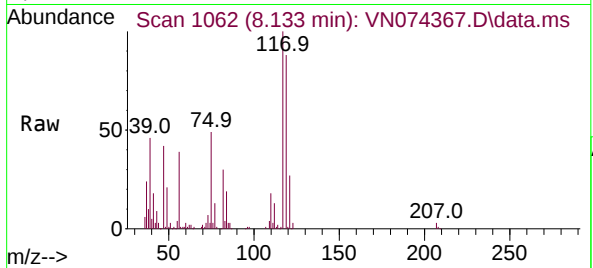




#33
Carbon Tetrachloride
Concen: 18.031 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

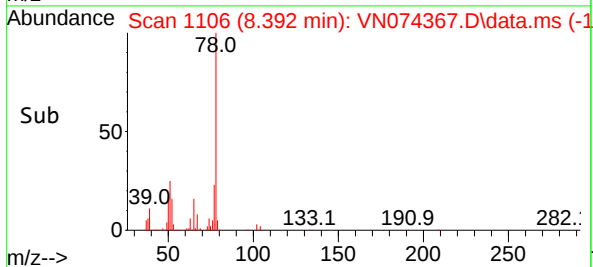
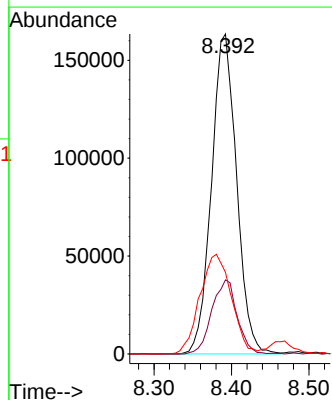
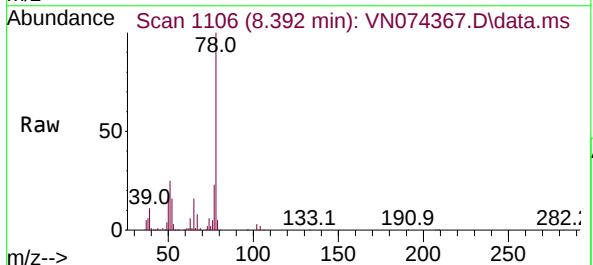
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

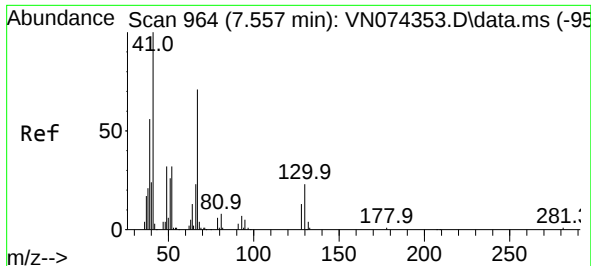
Tgt Ion:117 Resp: 124382
Ion Ratio Lower Upper
117 100
119 87.5 77.5 116.3
121 27.3 23.5 35.3



#34
Benzene
Concen: 18.514 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 78 Resp: 368104
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7
51 24.5 16.0 24.0#

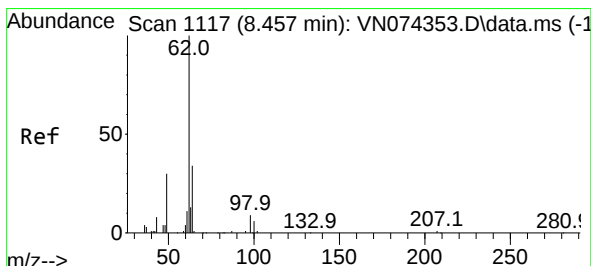
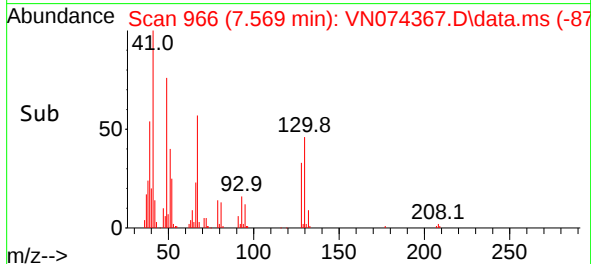
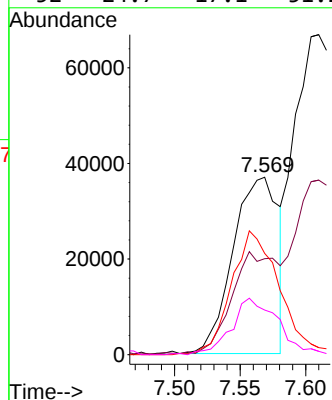
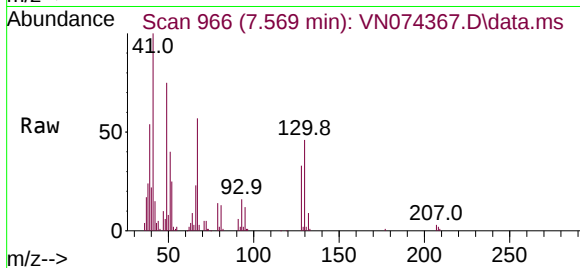




#35
Methacrylonitrile
Concen: 21.169 ug/l
RT: 7.569 min Scan# 90
Delta R.T. 0.012 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

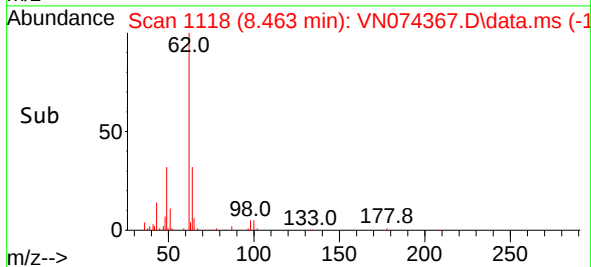
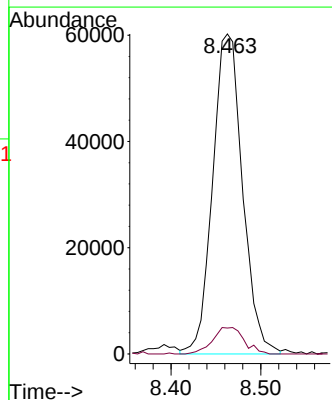
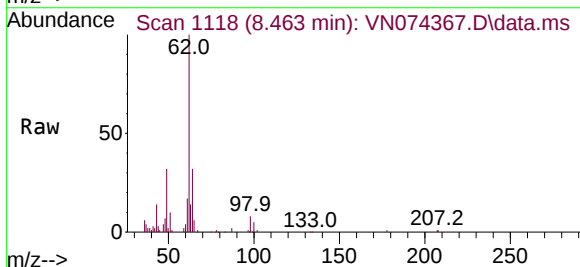
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

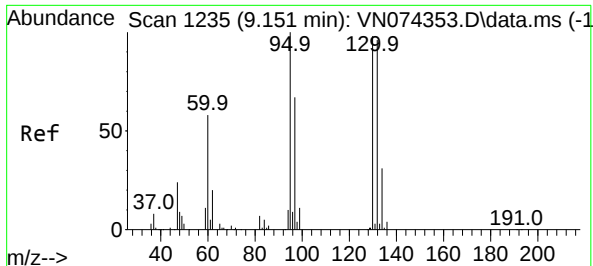
Tgt Ion: 41 Resp: 89080
Ion Ratio Lower Upper
41 100
39 53.9 28.0 83.9
67 56.8 37.7 113.1
52 24.7 17.1 51.2



#36
1,2-Dichloroethane
Concen: 19.144 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 62 Resp: 139259
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0





#37

Trichloroethene

Concen: 18.404 ug/l

RT: 9.157 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

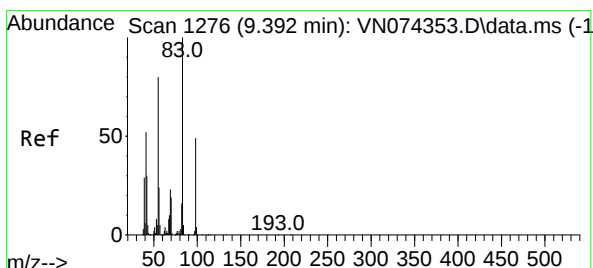
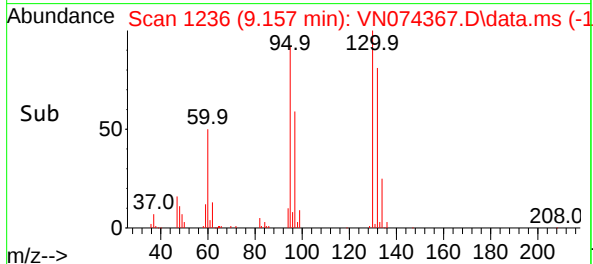
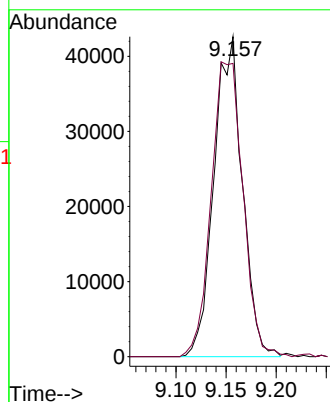
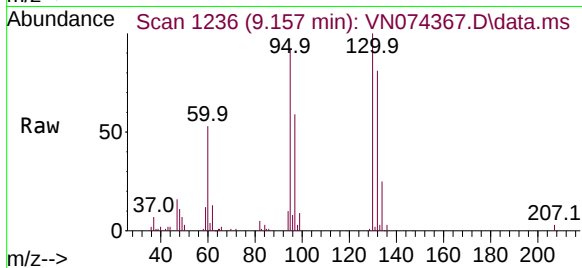
VSTDCCC020EC

Tgt Ion:130 Resp: 84092

Ion Ratio Lower Upper

130 100

95 91.6 76.6 115.0



#38

Methylcyclohexane

Concen: 18.007 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

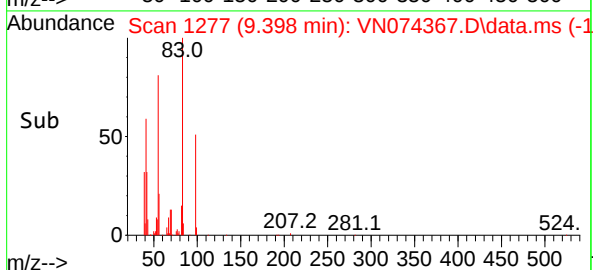
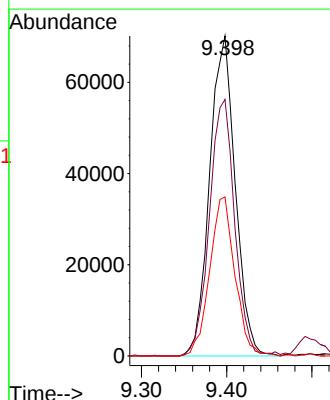
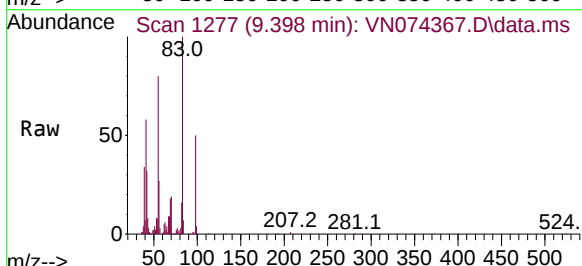
Tgt Ion: 83 Resp: 146594

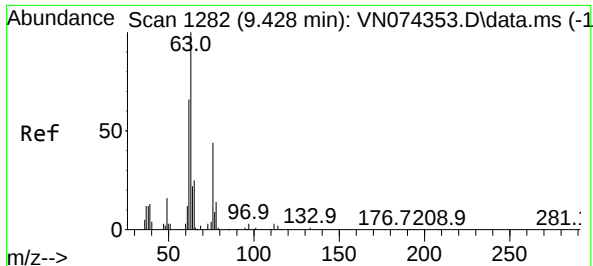
Ion Ratio Lower Upper

83 100

55 78.9 35.1 105.3

98 48.6 23.4 70.2





#39

1,2-Dichloropropane

Concen: 18.847 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

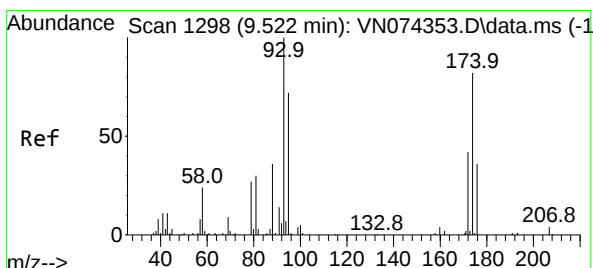
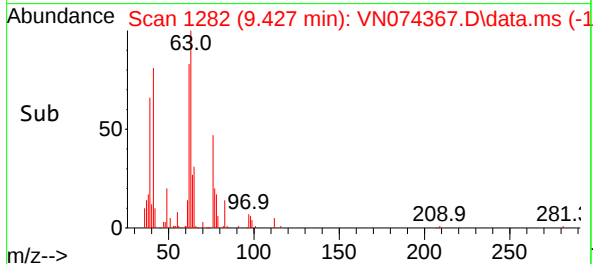
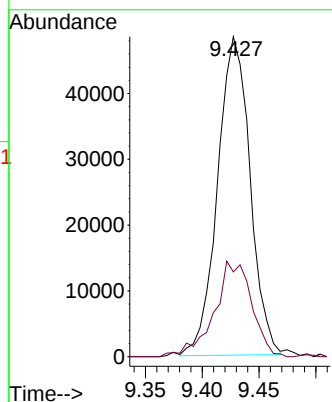
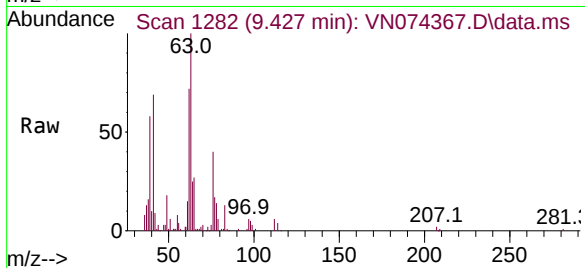
VSTDCCC020EC

Tgt Ion: 63 Resp: 96500

Ion Ratio Lower Upper

63 100

65 25.8 24.2 36.4



#40

Dibromomethane

Concen: 19.283 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

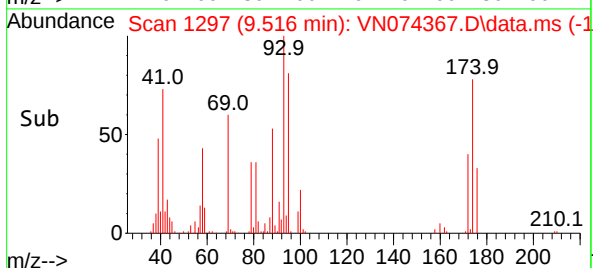
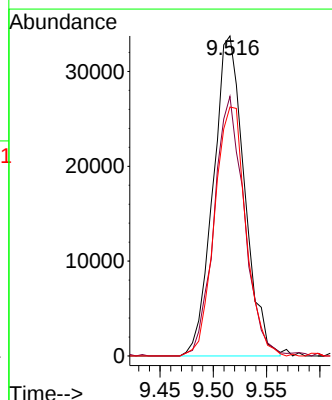
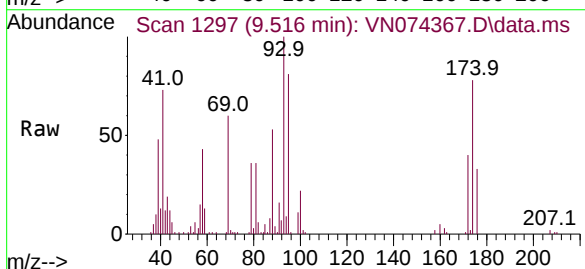
Tgt Ion: 93 Resp: 68692

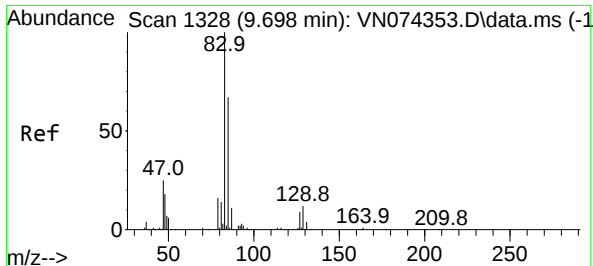
Ion Ratio Lower Upper

93 100

95 78.4 0.0 168.8

174 78.1 0.0 173.6

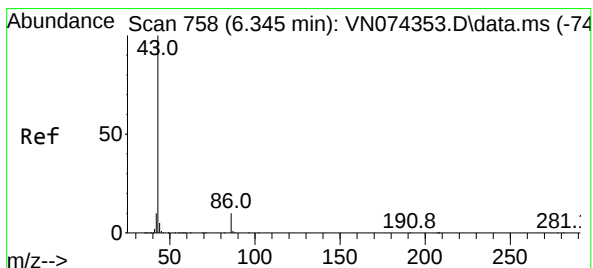
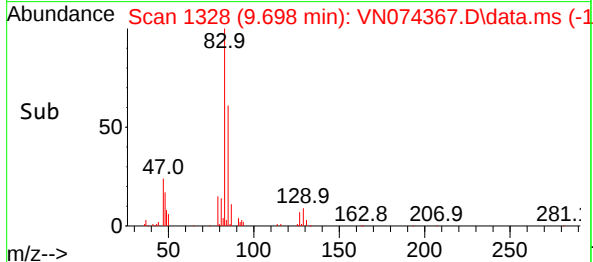
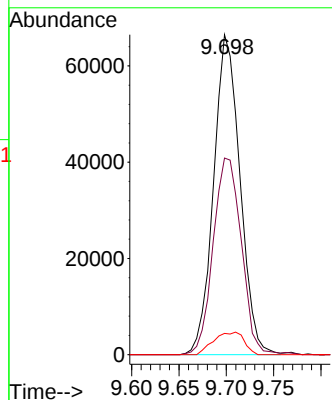
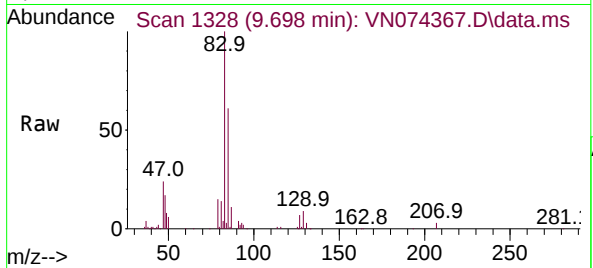




#41
Bromodichloromethane
Concen: 18.238 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

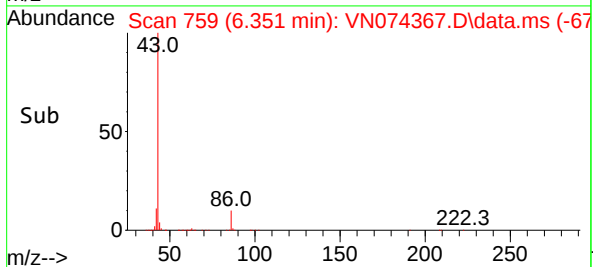
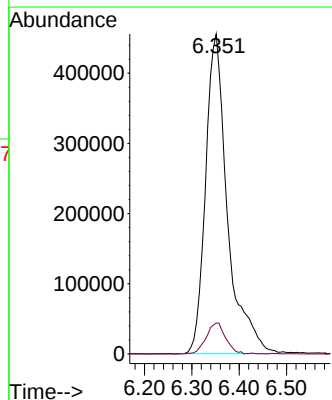
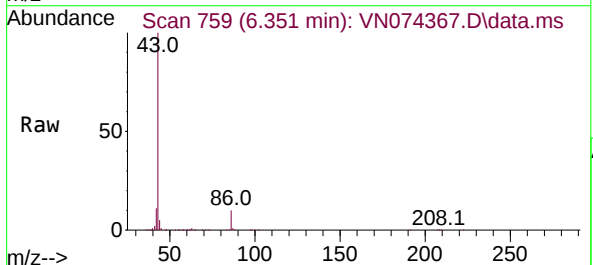
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

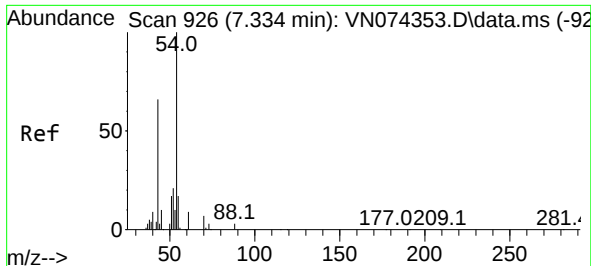
Tgt Ion: 83 Resp: 129105
Ion Ratio Lower Upper
83 100
85 61.4 54.1 81.1
127 6.7 7.6 11.4#



#42
Vinyl Acetate
Concen: 96.813 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 43 Resp: 1463370
Ion Ratio Lower Upper
43 100
86 8.5 7.5 11.3

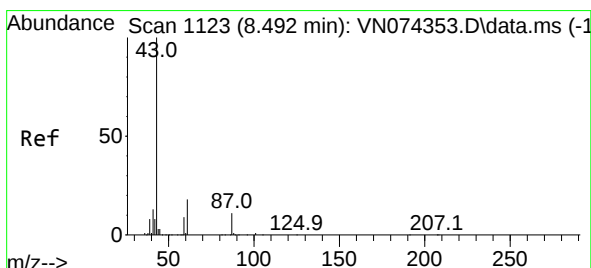
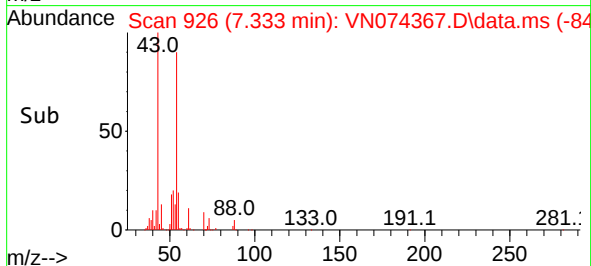
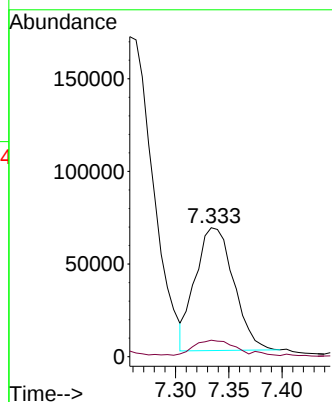
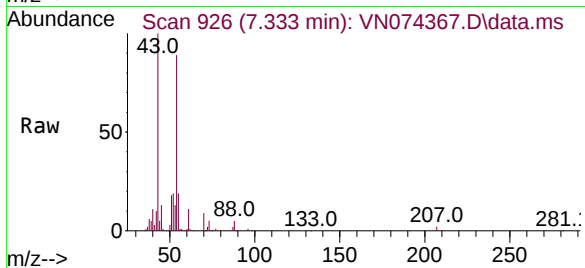




#43
Ethyl Acetate
Concen: 18.283 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

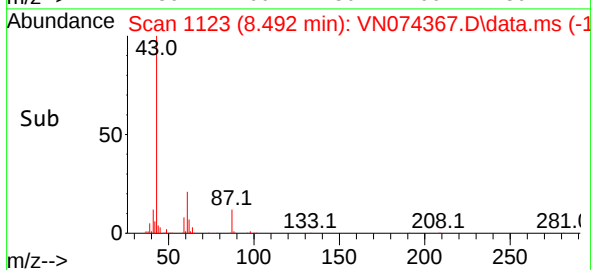
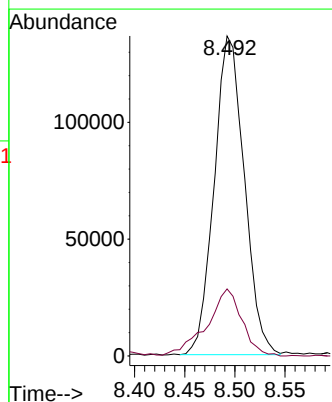
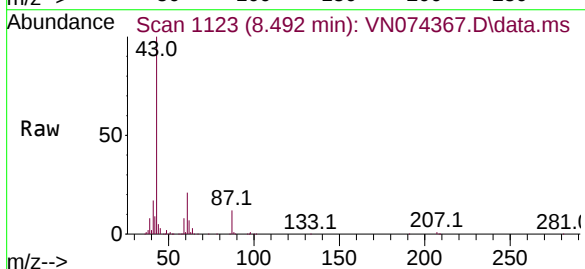
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

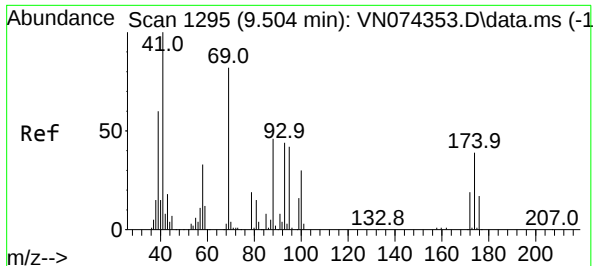
Tgt Ion: 43 Resp: 166153
Ion Ratio Lower Upper
43 100
45 14.0 10.6 16.0



#44
Isopropyl Acetate
Concen: 19.743 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 43 Resp: 285155
Ion Ratio Lower Upper
43 100
61 24.5 20.1 30.1





#45

1,4-Dioxane

Concen: 378.208 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

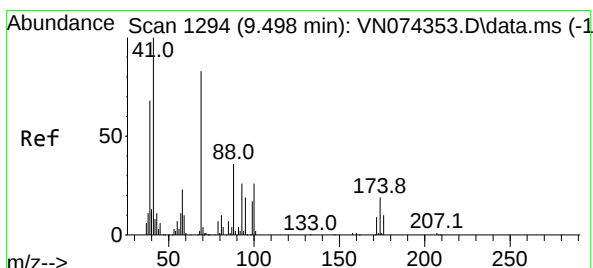
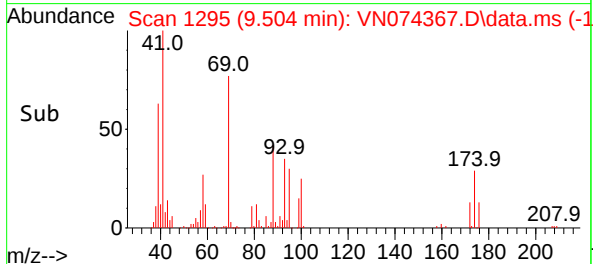
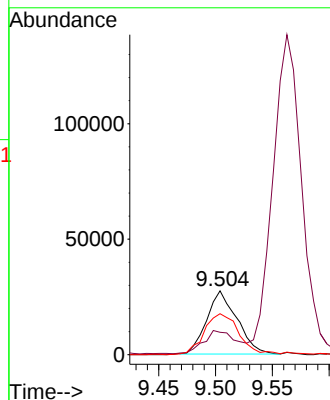
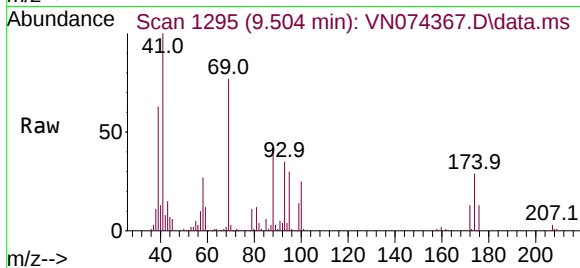
Tgt Ion: 88 Resp: 50563

Ion Ratio Lower Upper

88 100

43 39.9 25.0 37.6#

58 72.7 49.4 74.2



#46

Methyl methacrylate

Concen: 19.686 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

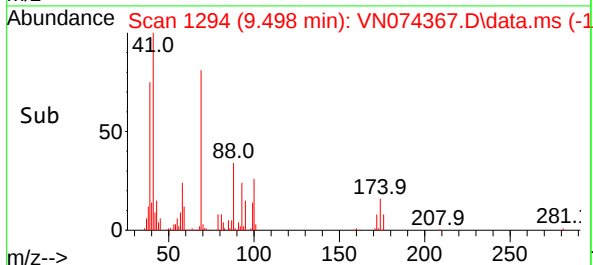
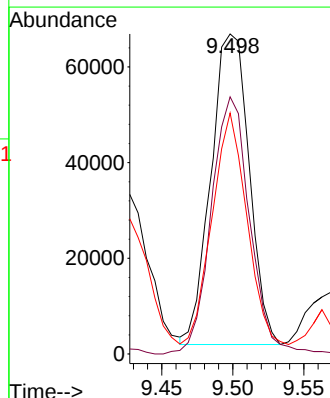
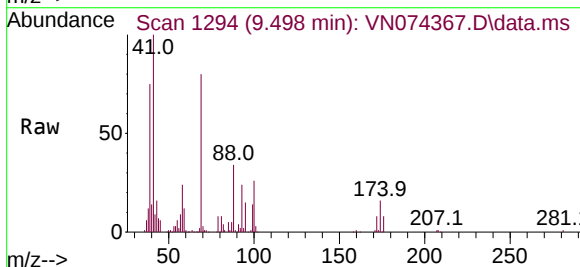
Tgt Ion: 41 Resp: 121605

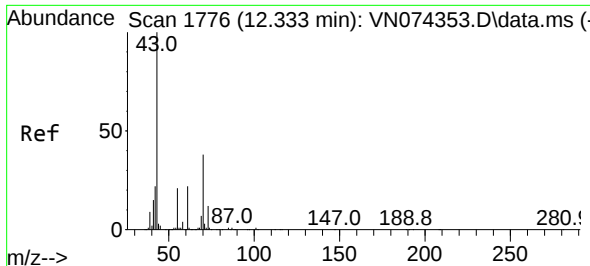
Ion Ratio Lower Upper

41 100

69 81.6 44.4 133.2

39 74.4 39.9 119.6

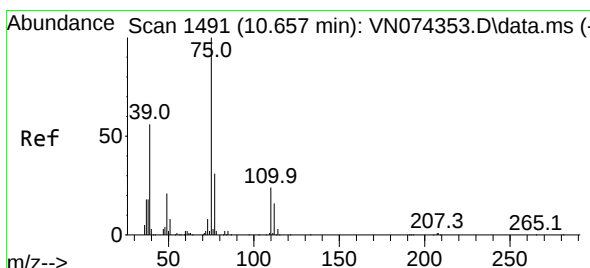
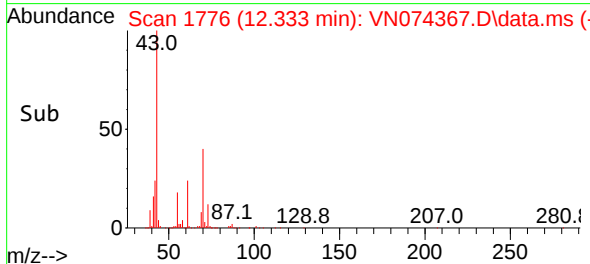
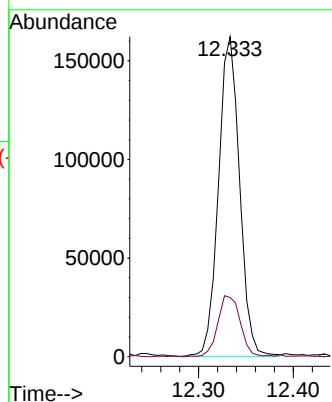
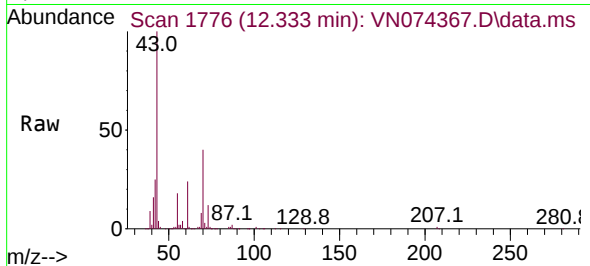




#47
n-amy1 Acetate
Concen: 19.102 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

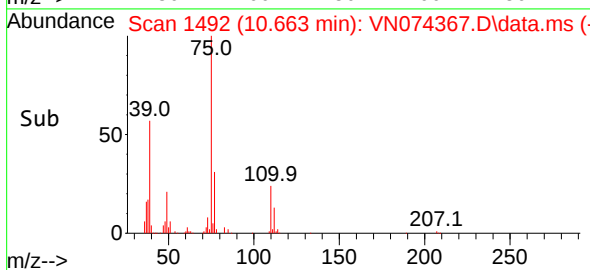
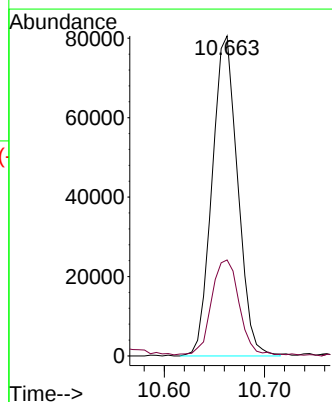
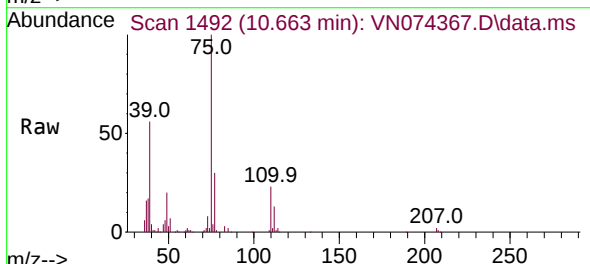
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

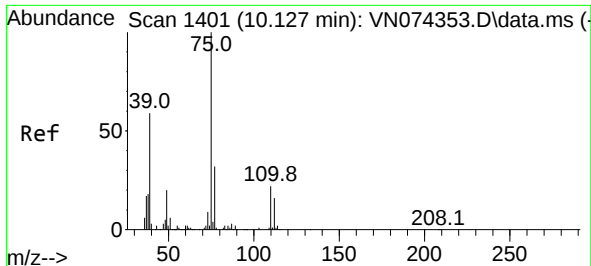
Tgt Ion: 43 Resp: 250753
Ion Ratio Lower Upper
43 100
55 20.3 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 17.303 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 75 Resp: 143073
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 17.782 ug/l

RT: 10.127 min Scan# 1401

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

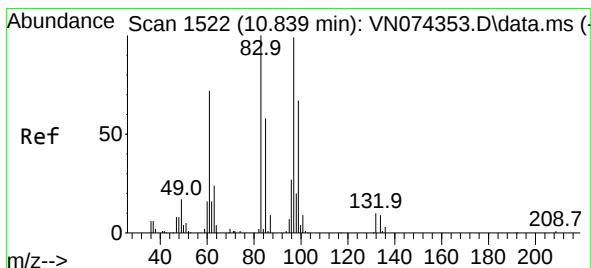
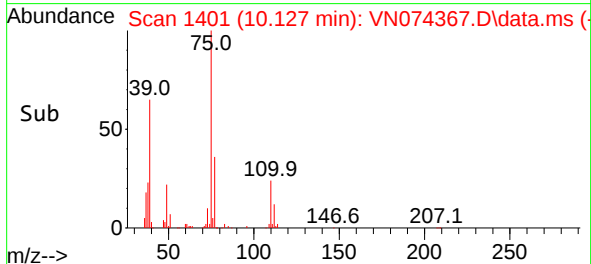
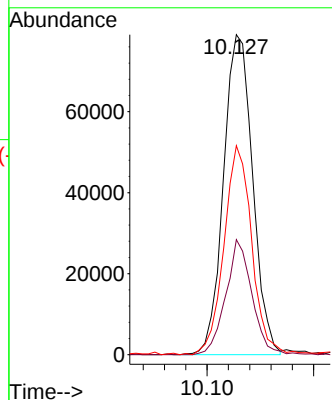
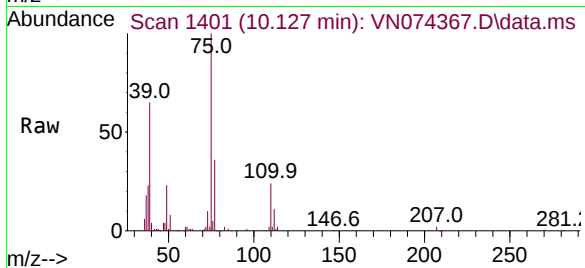
Tgt Ion: 75 Resp: 150050

Ion Ratio Lower Upper

75 100

77 36.0 25.3 37.9

39 65.3 46.2 69.4



#50

1,1,2-Trichloroethane

Concen: 18.950 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Tgt Ion: 97 Resp: 95507

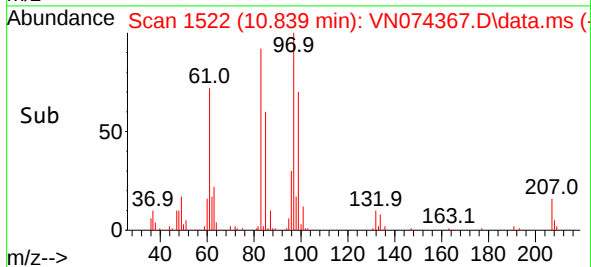
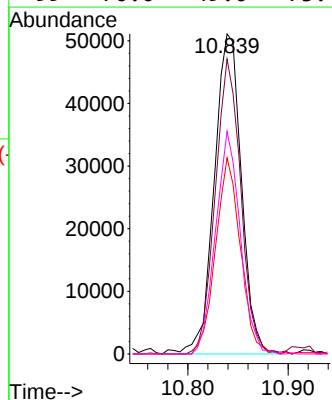
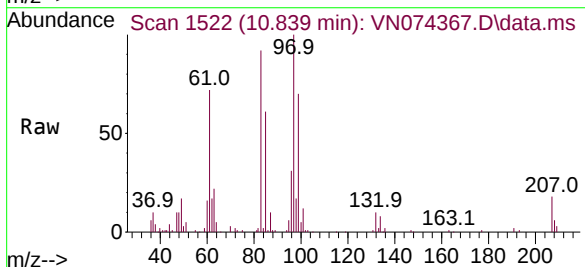
Ion Ratio Lower Upper

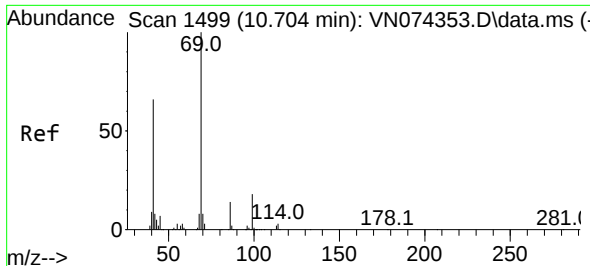
97 100

83 92.8 67.2 100.8

85 61.7 43.0 64.4

99 70.0 49.0 73.4

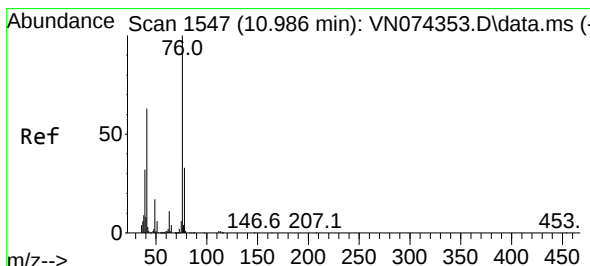
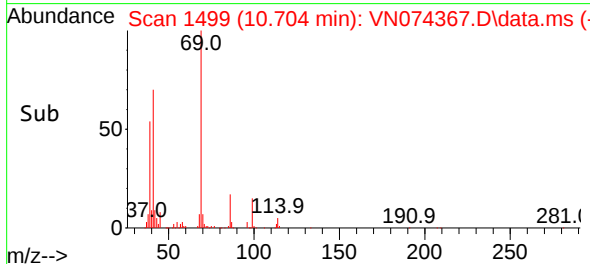
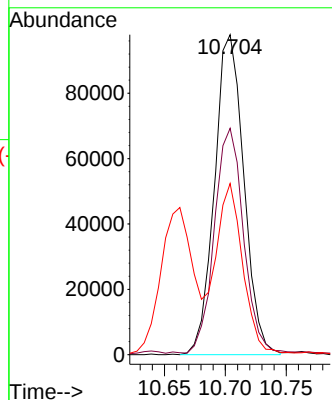
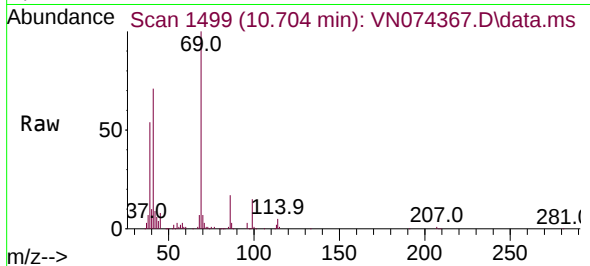




#51
Ethyl methacrylate
Concen: 18.306 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

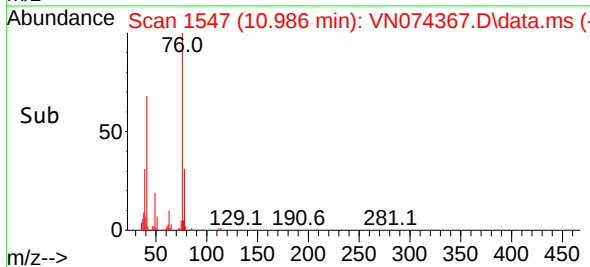
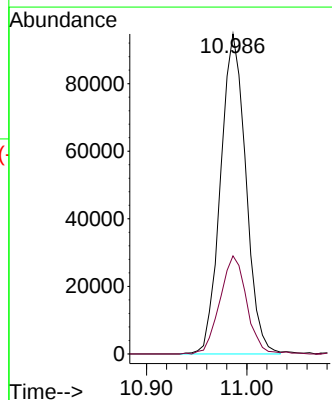
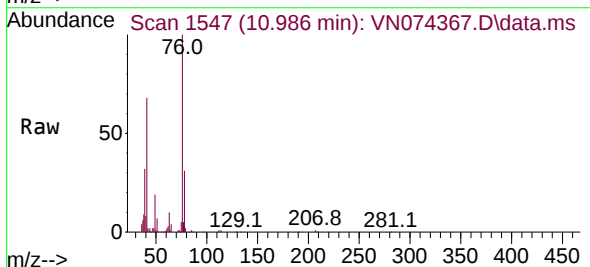
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

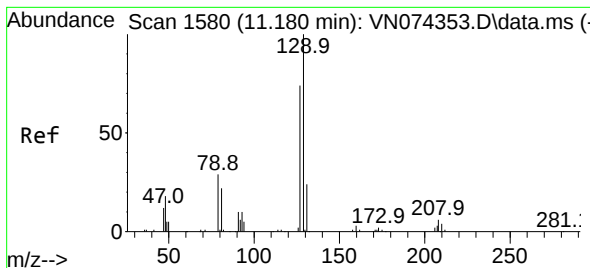
Tgt Ion: 69 Resp: 164153
Ion Ratio Lower Upper
69 100
41 70.1 33.0 98.9
39 52.8 25.4 76.4



#52
1,3-Dichloropropane
Concen: 18.923 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 76 Resp: 165398
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





#53

Dibromochloromethane

Concen: 17.928 ug/l

RT: 11.180 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

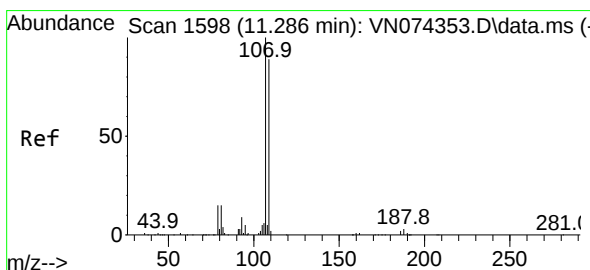
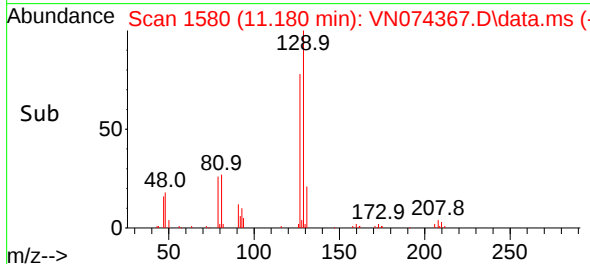
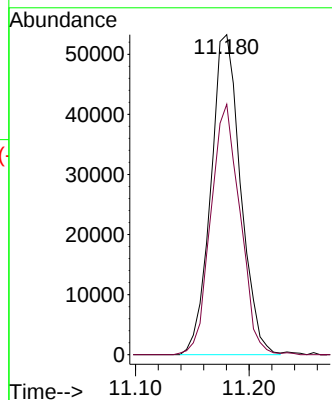
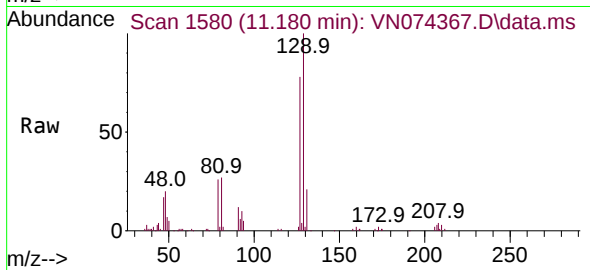
VSTDCCC020EC

Tgt Ion:129 Resp: 97159

Ion Ratio Lower Upper

129 100

127 76.7 39.0 117.0



#54

1,2-Dibromoethane

Concen: 18.214 ug/l

RT: 11.292 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN074367.D

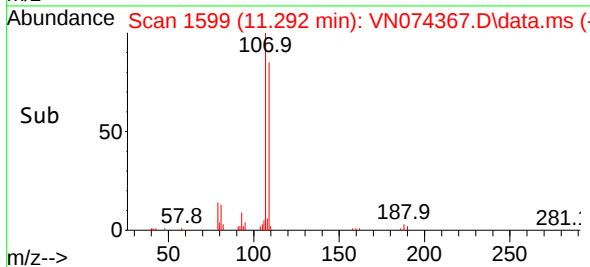
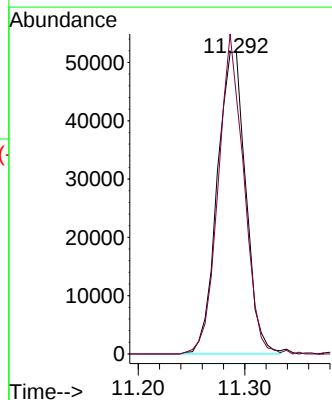
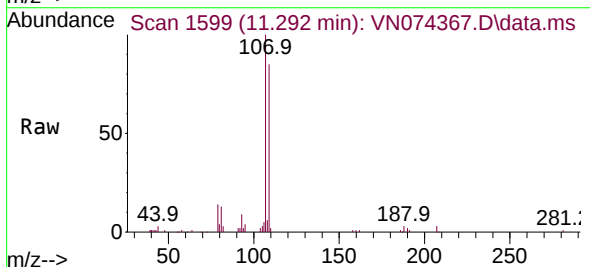
Acq: 08 Sep 2022 19:05

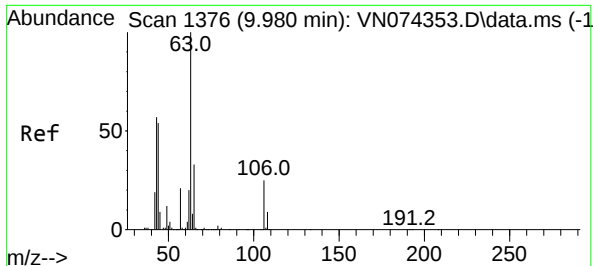
Tgt Ion:107 Resp: 96227

Ion Ratio Lower Upper

107 100

109 94.7 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 98.117 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

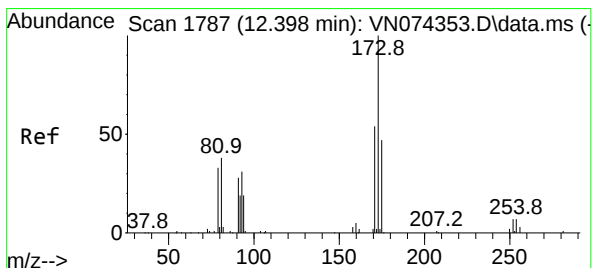
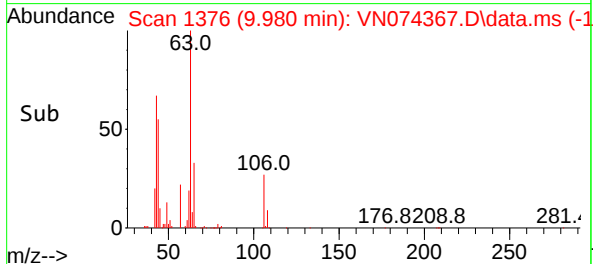
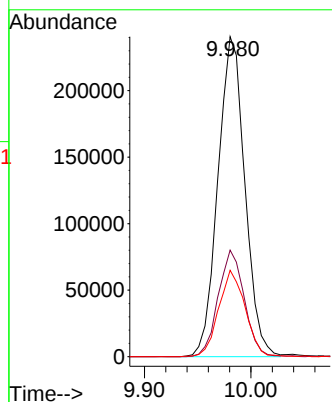
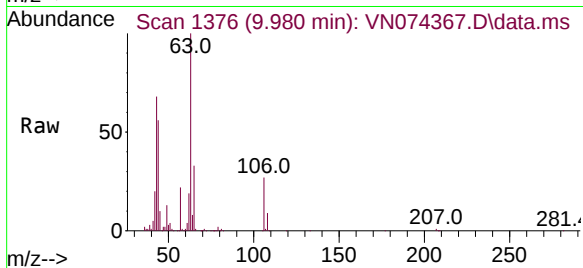
Tgt Ion: 63 Resp: 422613

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.0

106 26.6 23.2 34.8



#56

Bromoform

Concen: 16.106 ug/l

RT: 12.404 min Scan# 1788

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

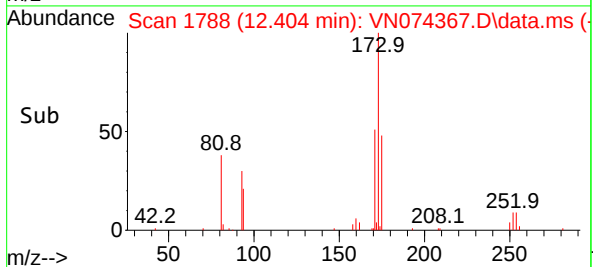
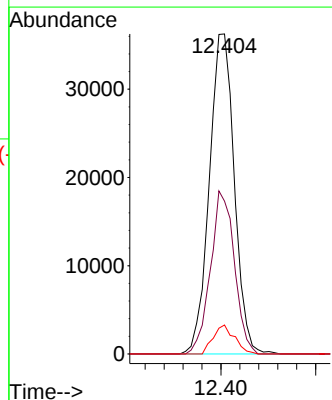
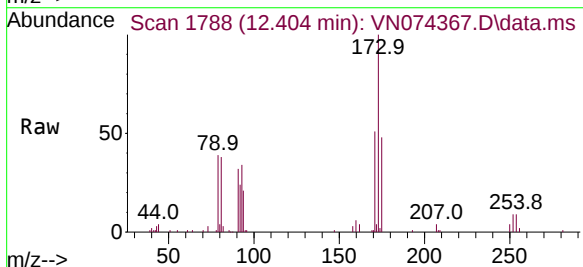
Tgt Ion: 173 Resp: 66491

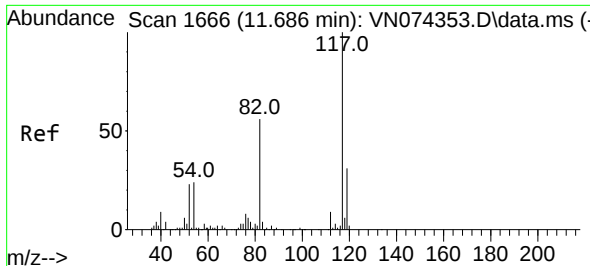
Ion Ratio Lower Upper

173 100

175 48.6 38.6 58.0

254 7.7 0.0 0.0#

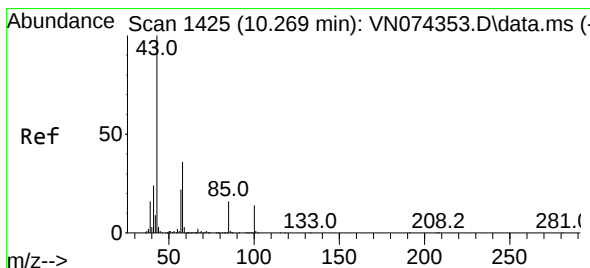
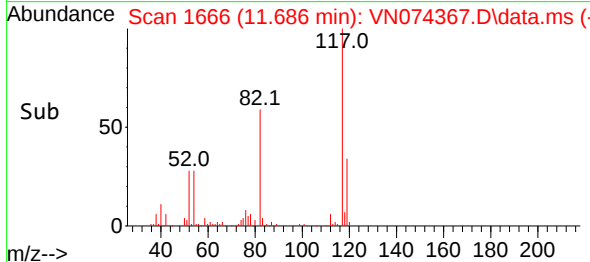
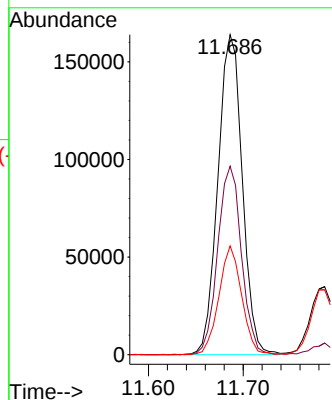
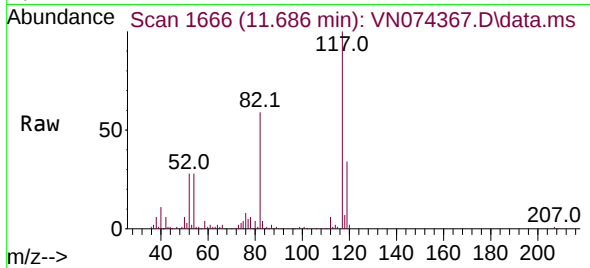




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

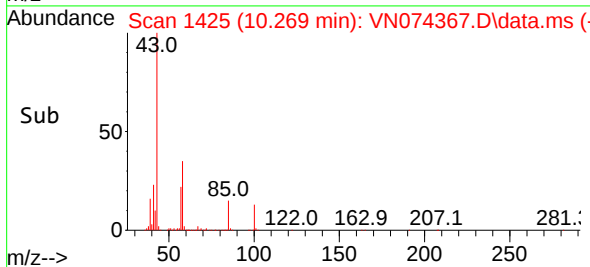
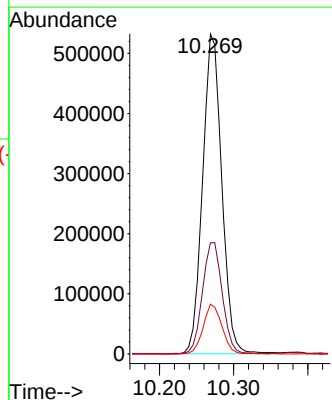
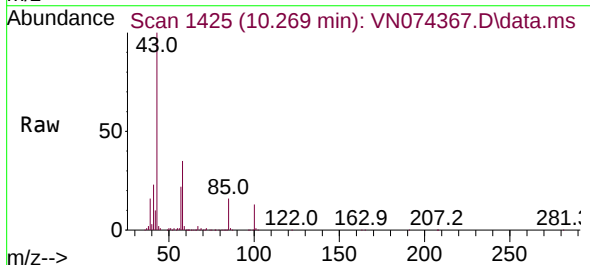
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

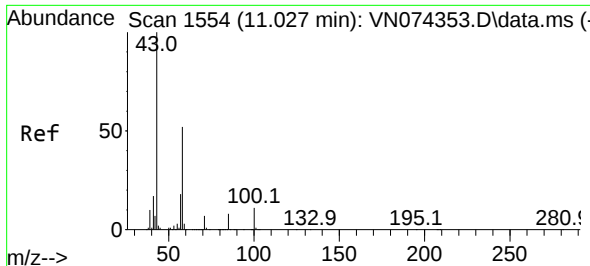
Tgt Ion:117 Resp: 293280
Ion Ratio Lower Upper
117 100
82 57.5 43.6 65.4
119 31.8 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 104.925 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 43 Resp: 956512
Ion Ratio Lower Upper
43 100
58 36.0 30.0 45.0
85 15.2 15.0 22.6

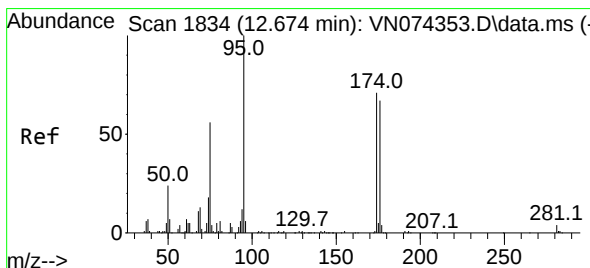
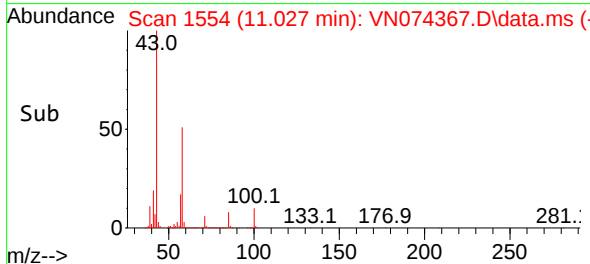
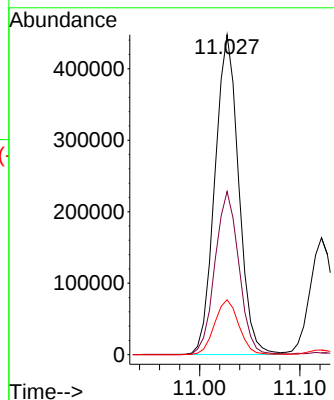
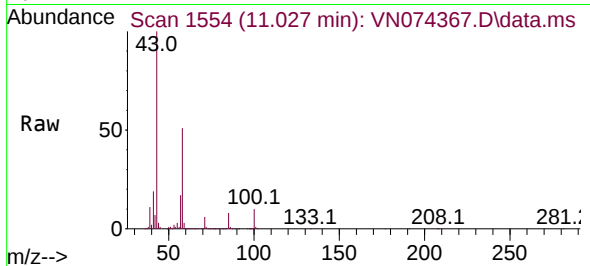




#59
2-Hexanone
Concen: 103.974 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

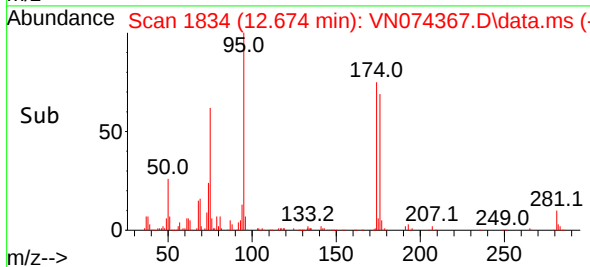
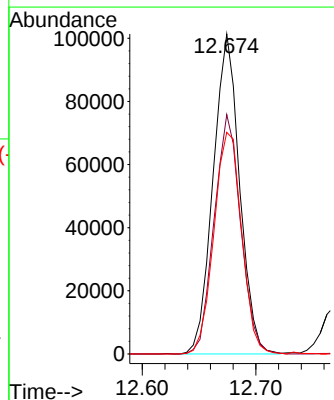
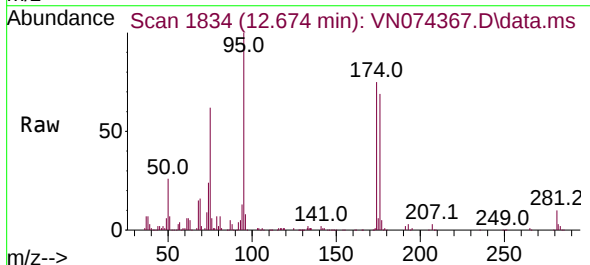
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

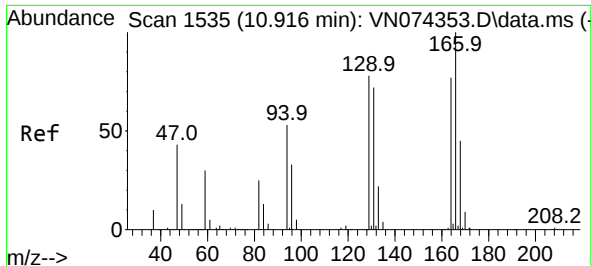
Tgt Ion: 43 Resp: 738484
Ion Ratio Lower Upper
43 100
58 51.4 42.2 63.2
57 17.5 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 27.963 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 95 Resp: 164004
Ion Ratio Lower Upper
95 100
174 75.0 62.9 94.3
176 72.7 61.0 91.4

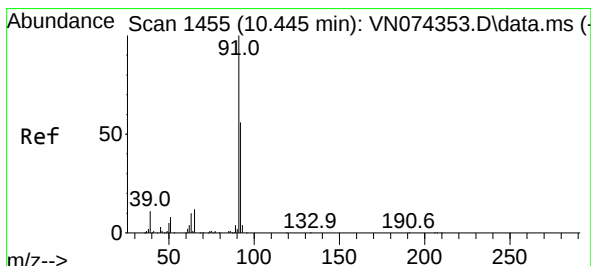
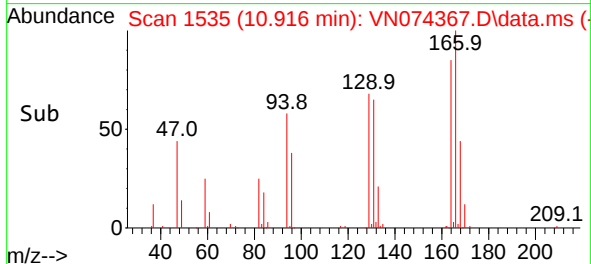
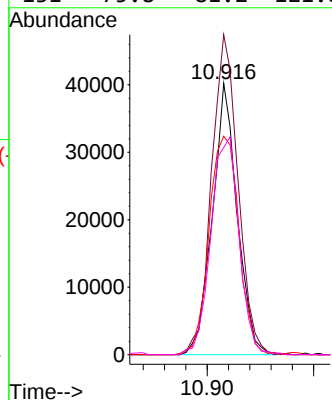
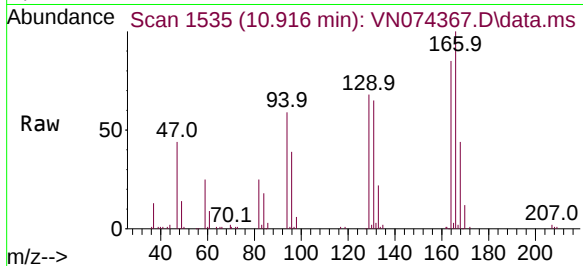




#61
Tetrachloroethene
Concen: 17.851 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

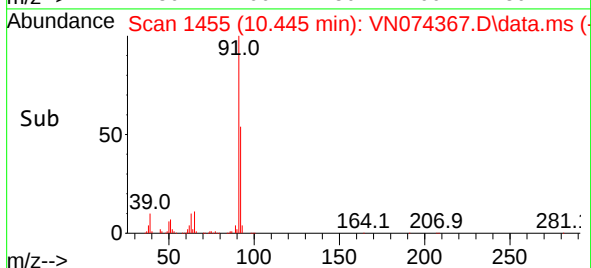
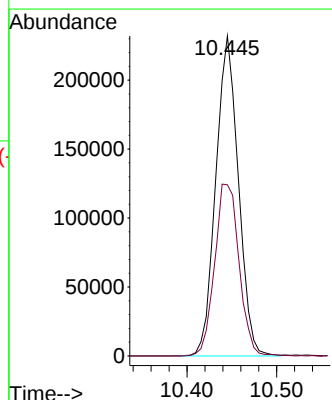
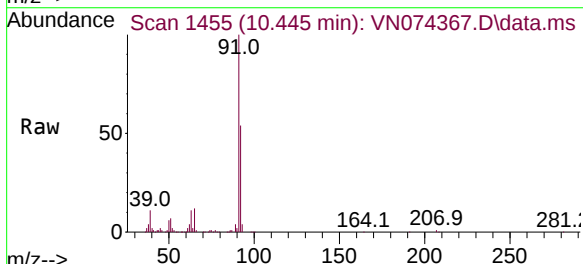
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

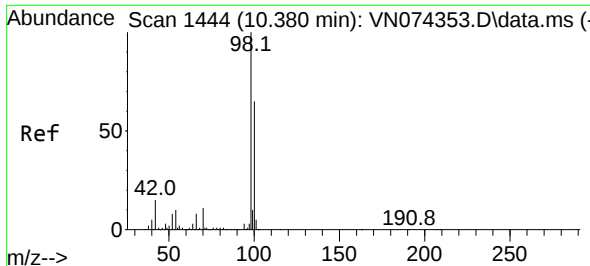
Tgt Ion:164 Resp: 64954
Ion Ratio Lower Upper
164 100
166 117.9 105.8 158.8
129 80.5 82.5 123.7#
131 75.8 81.2 121.8#



#62
Toluene
Concen: 19.116 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 91 Resp: 405335
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0

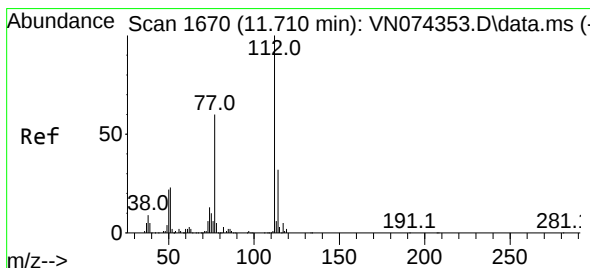
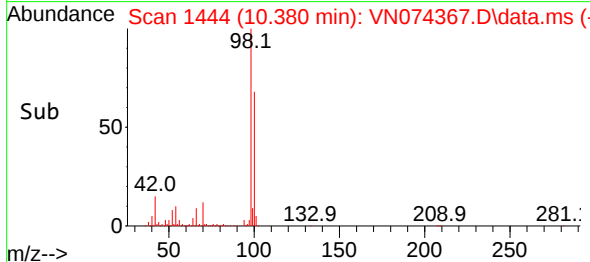
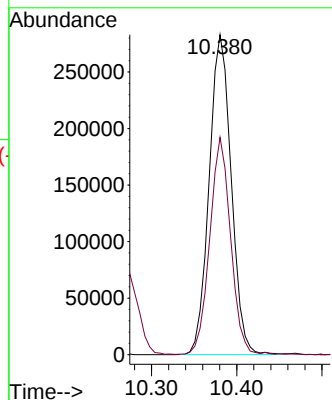
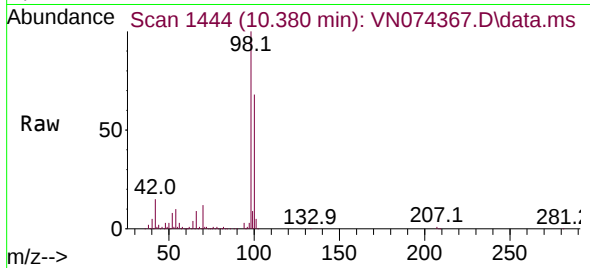




#63
Toluene-d8
Concen: 30.841 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

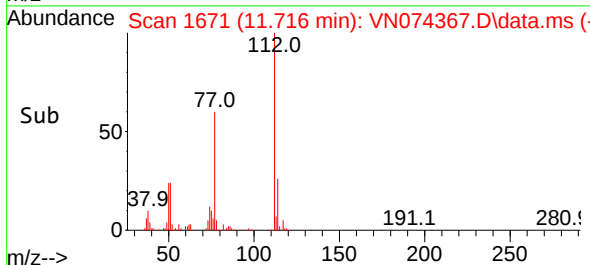
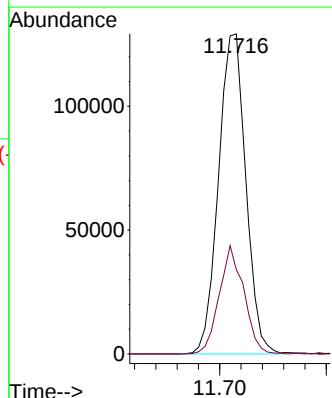
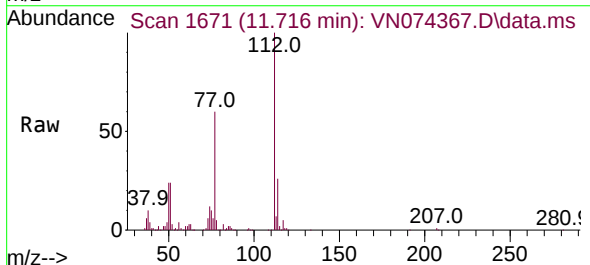
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

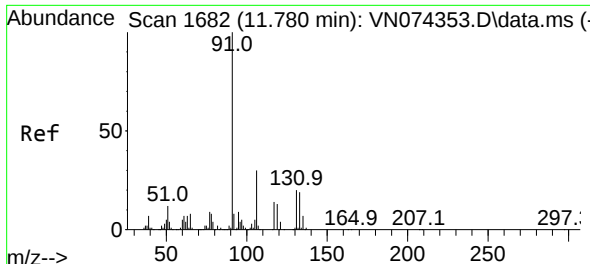
Tgt Ion: 98 Resp: 508053
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0



#64
Chlorobenzene
Concen: 18.320 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 112 Resp: 229874
Ion Ratio Lower Upper
112 100
114 26.3 25.8 38.6

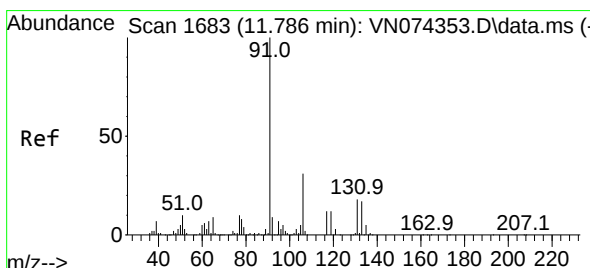
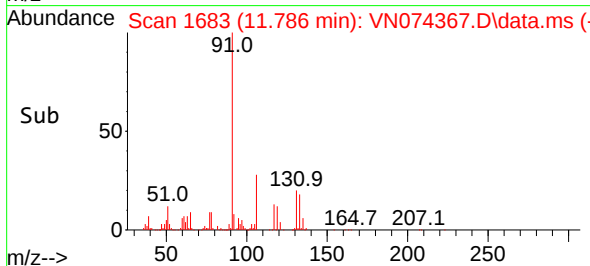
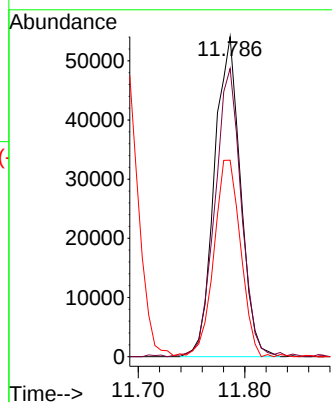
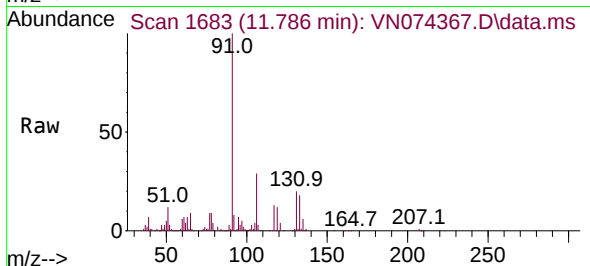




#65
1,1,1,2-Tetrachloroethane
Concen: 19.340 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

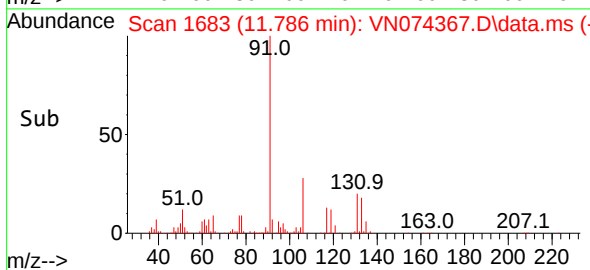
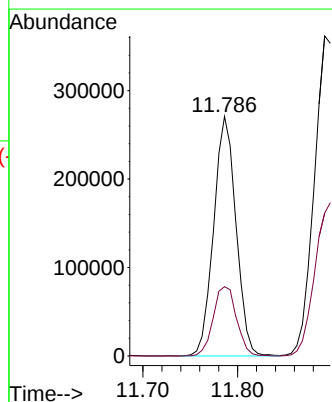
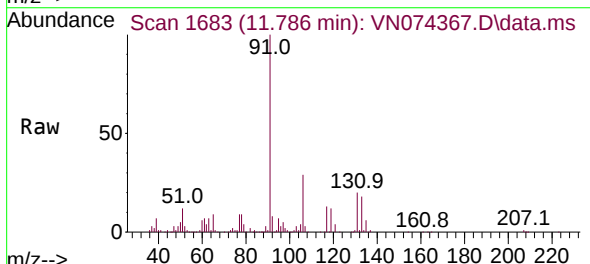
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

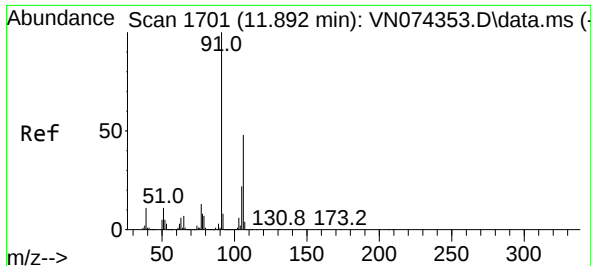
Tgt Ion:131 Resp: 91914
Ion Ratio Lower Upper
131 100
133 90.7 0.0 191.2
119 62.7 0.0 128.8



#66
Ethyl Benzene
Concen: 18.917 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 91 Resp: 443644
Ion Ratio Lower Upper
91 100
106 29.0 24.0 36.0





#67

m/p-Xylenes

Concen: 36.742 ug/l

RT: 11.898 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

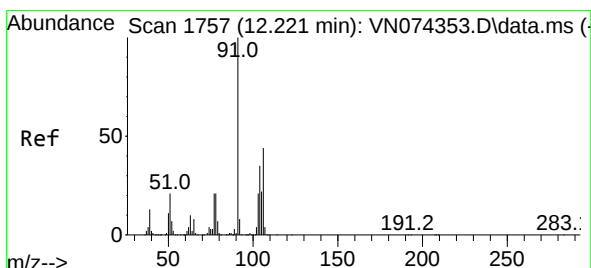
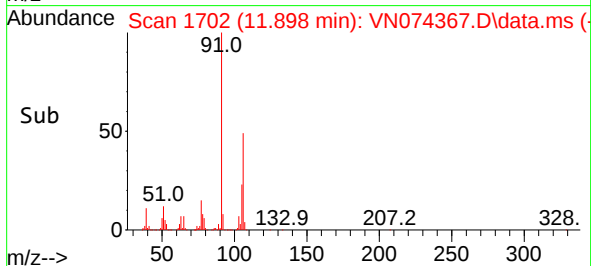
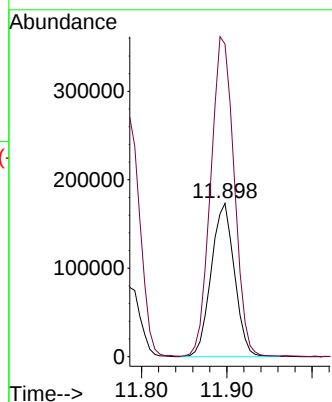
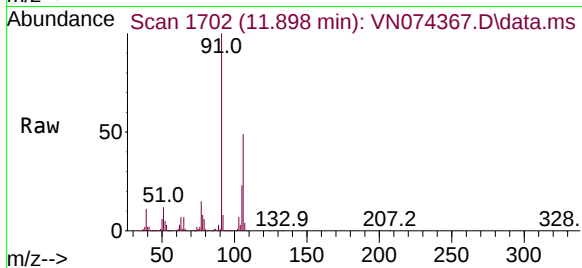
VSTDCCC020EC

Tgt Ion:106 Resp: 328539

Ion Ratio Lower Upper

106 100

91 211.0 162.9 244.3



#68

o-Xylene

Concen: 18.292 ug/l

RT: 12.221 min Scan# 1757

Delta R.T. -0.000 min

Lab File: VN074367.D

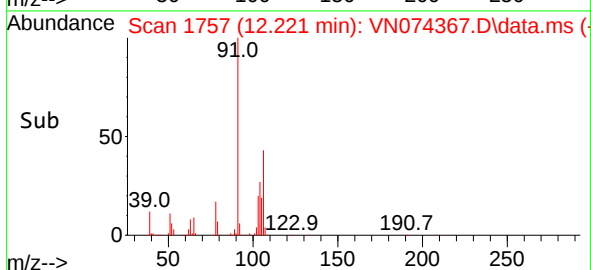
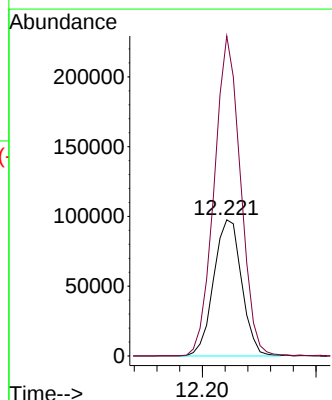
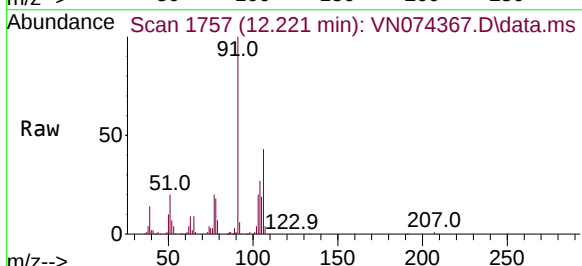
Acq: 08 Sep 2022 19:05

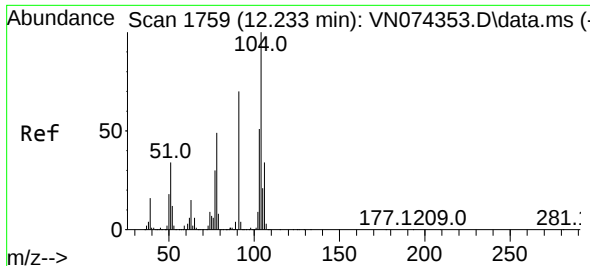
Tgt Ion:106 Resp: 166936

Ion Ratio Lower Upper

106 100

91 221.3 107.7 323.1

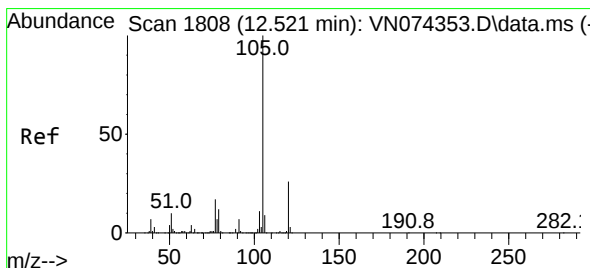
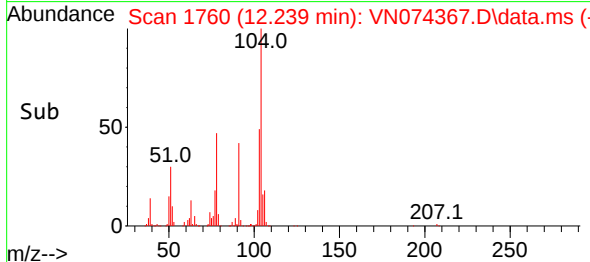
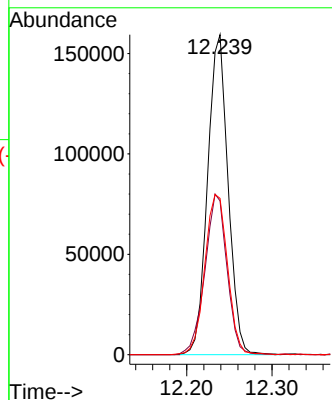
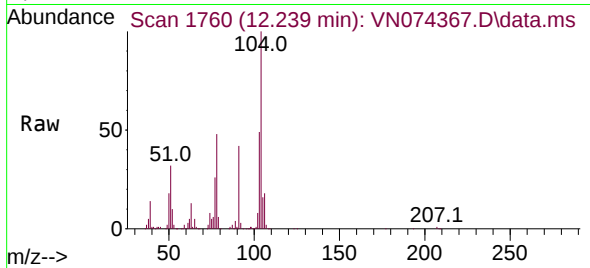




#69
Styrene
Concen: 17.694 ug/l
RT: 12.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

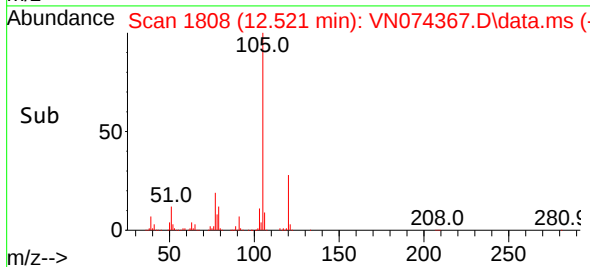
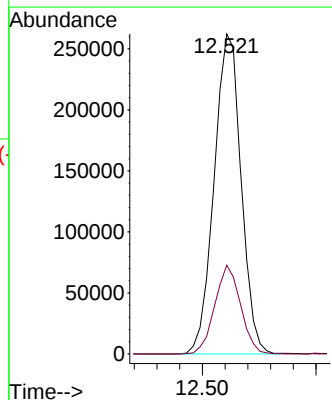
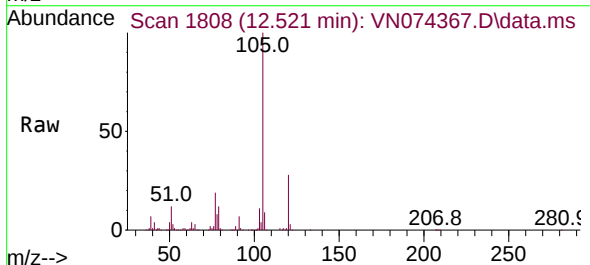
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

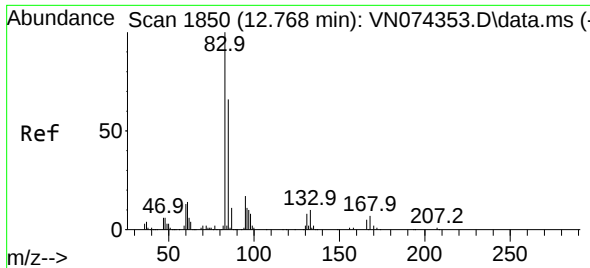
Tgt Ion:104 Resp: 267117
Ion Ratio Lower Upper
104 100
78 53.9 40.7 61.1
103 55.6 45.8 68.8



#70
Isopropylbenzene
Concen: 18.242 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion:105 Resp: 432361
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1

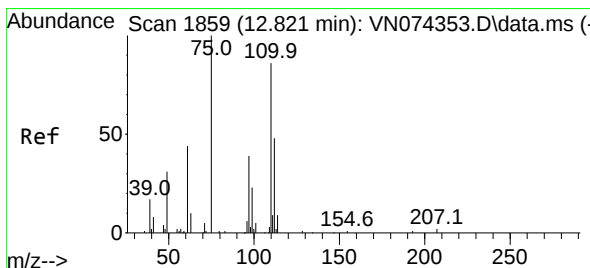
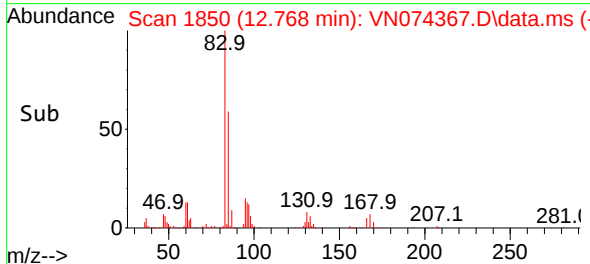
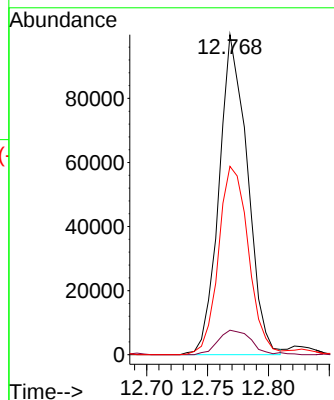
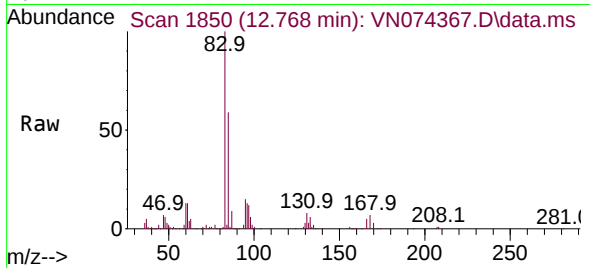




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.611 ug/l
 RT: 12.768 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

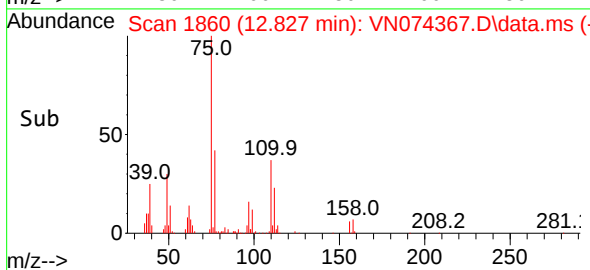
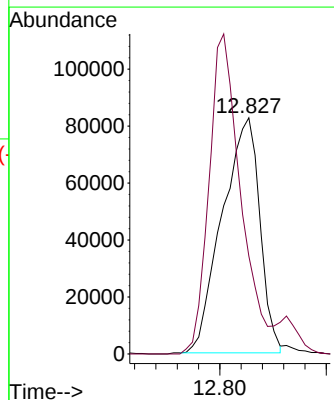
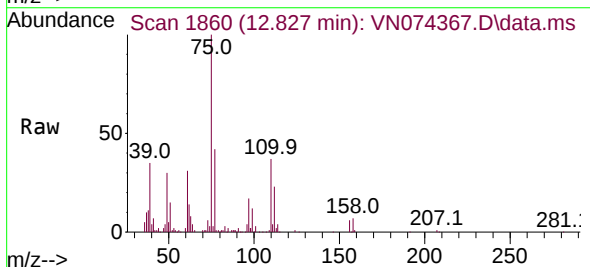
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

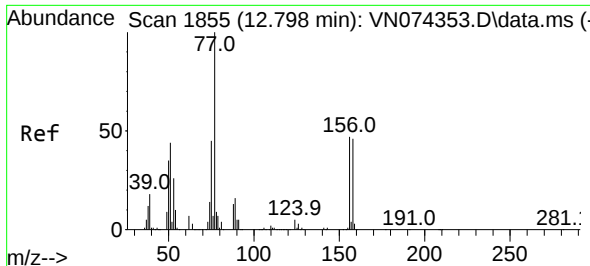
Tgt Ion: 83 Resp: 162088
 Ion Ratio Lower Upper
 83 100
 131 8.8 5.1 15.3
 85 62.1 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 29.874 ug/l
 RT: 12.827 min Scan# 1860
 Delta R.T. 0.006 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

Tgt Ion: 75 Resp: 202784
 Ion Ratio Lower Upper
 75 100
 77 113.3 0.0 378.0

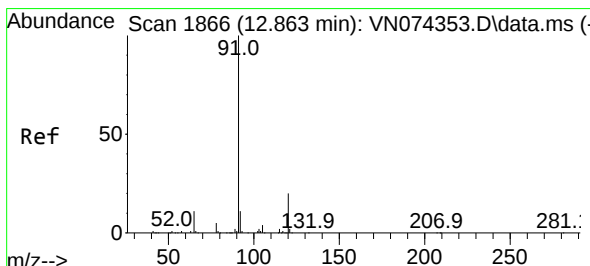
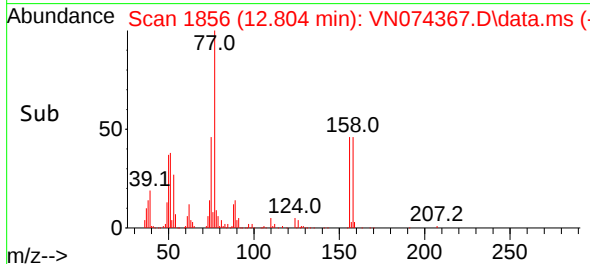
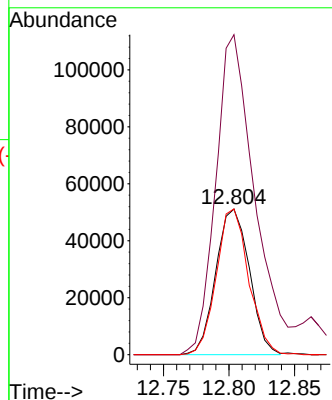
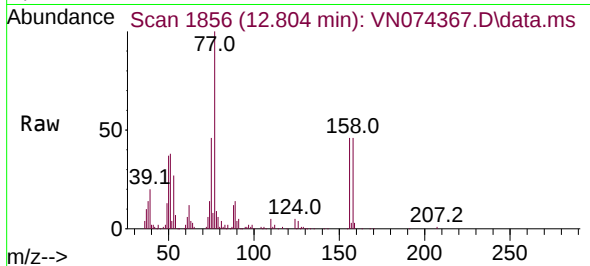




#73
Bromobenzene
Concen: 17.708 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

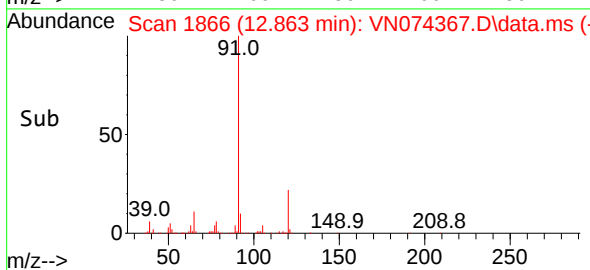
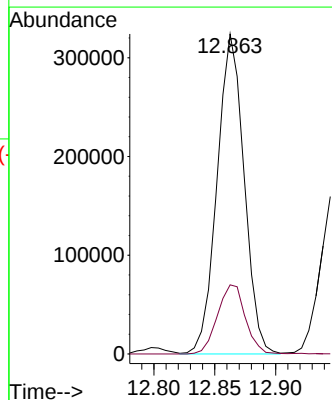
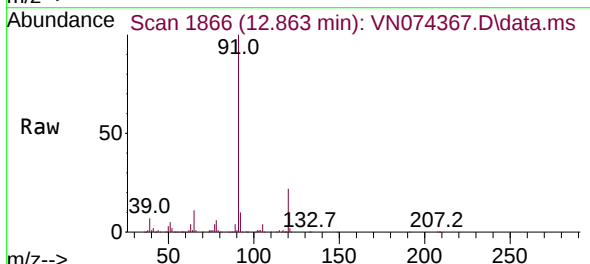
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MSVOA_N
ClientSampleId :
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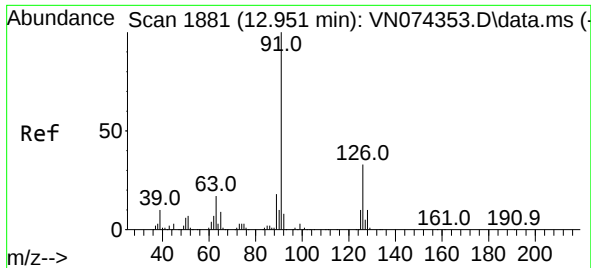
Tgt Ion:156 Resp: 91026
Ion Ratio Lower Upper
156 100
77 252.4 0.0 416.0
158 96.6 0.0 195.4



#74
n-propylbenzene
Concen: 18.150 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 91 Resp: 499979
Ion Ratio Lower Upper
91 100
120 22.2 0.0 45.0

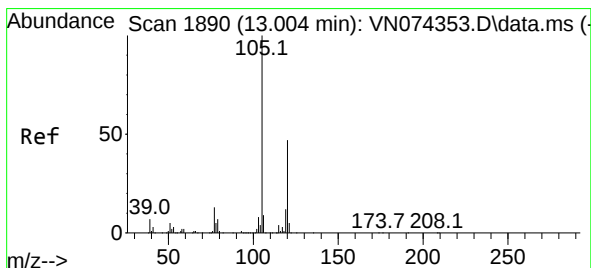
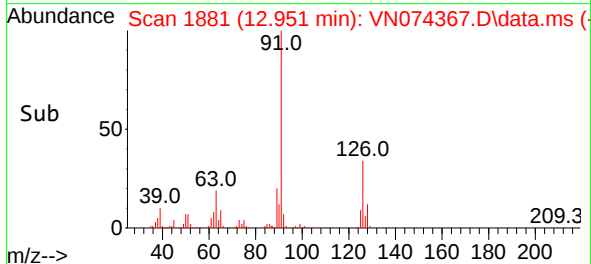
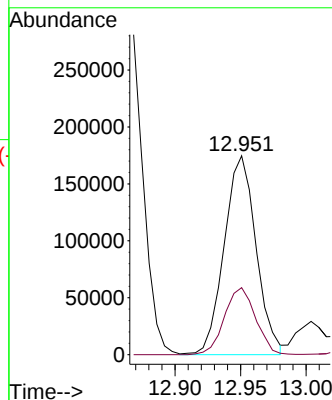
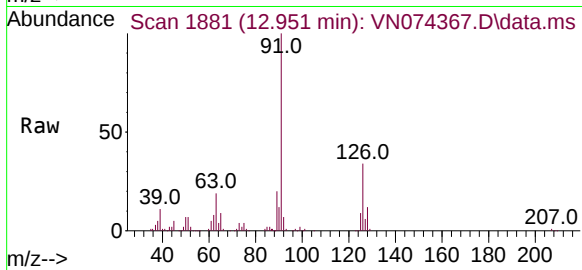




#75
2-Chlorotoluene
Concen: 17.984 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

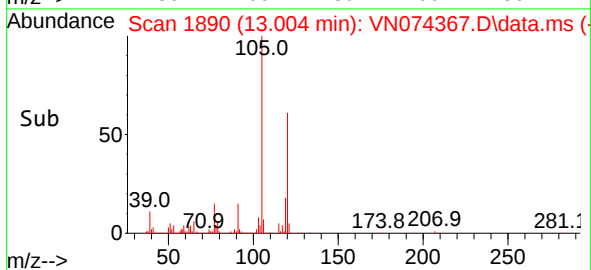
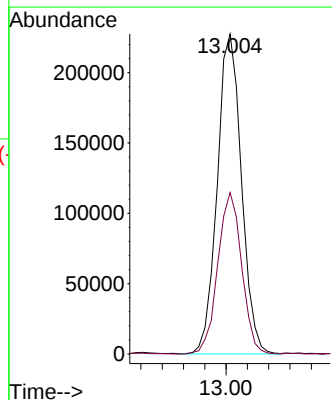
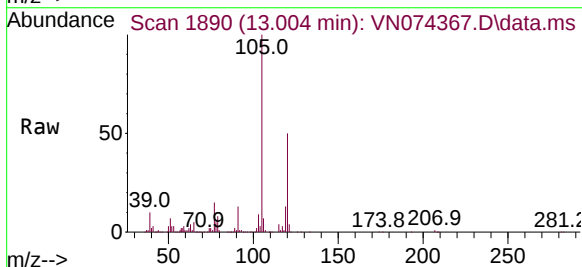
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

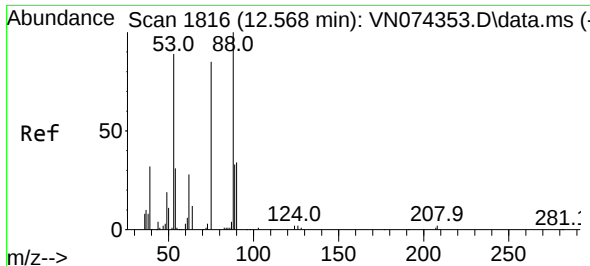
Tgt Ion: 91 Resp: 295631
Ion Ratio Lower Upper
91 100
126 32.9 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 17.985 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 105 Resp: 358420
Ion Ratio Lower Upper
105 100
120 49.6 0.0 93.8

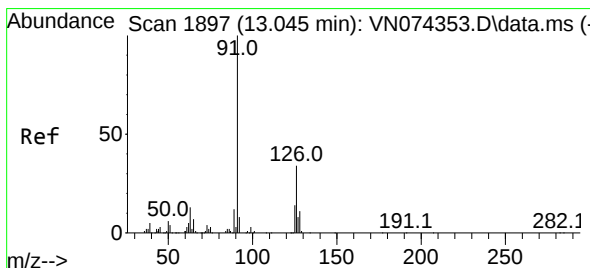
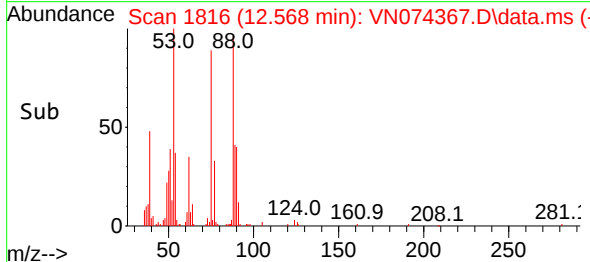
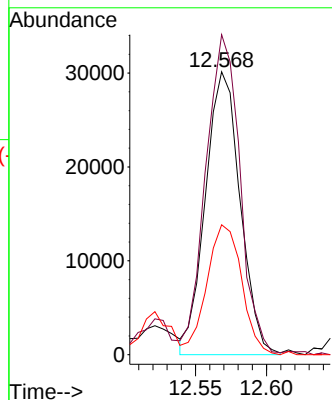
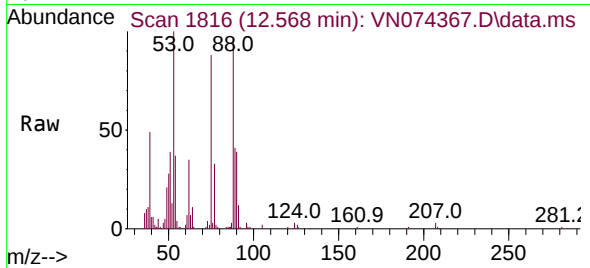




#77
t-1,4-Dichloro-2-butene
Concen: 17.090 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

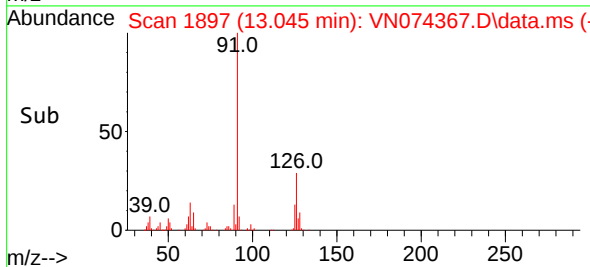
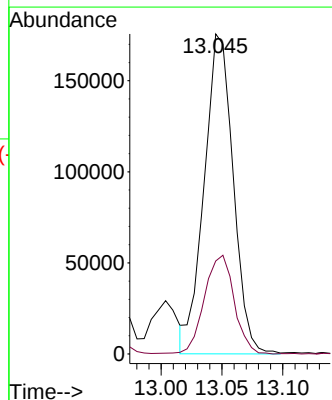
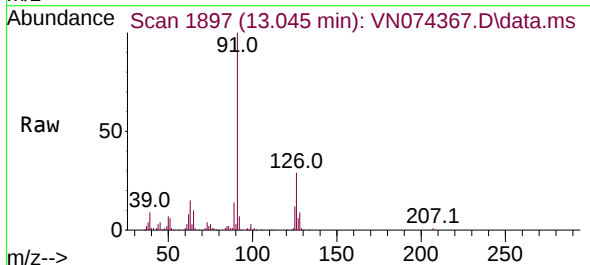
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

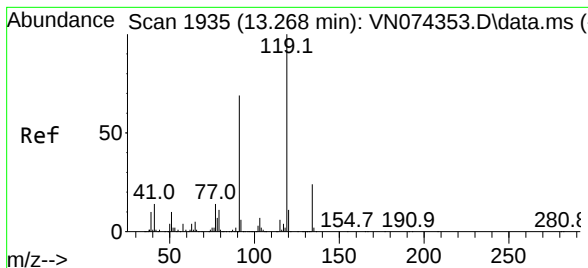
Tgt Ion: 75 Resp: 51300
Ion Ratio Lower Upper
75 100
53 113.2 51.8 155.5
89 46.2 22.9 68.7



#78
4-Chlorotoluene
Concen: 18.048 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 91 Resp: 292016
Ion Ratio Lower Upper
91 100
126 31.7 0.0 70.6

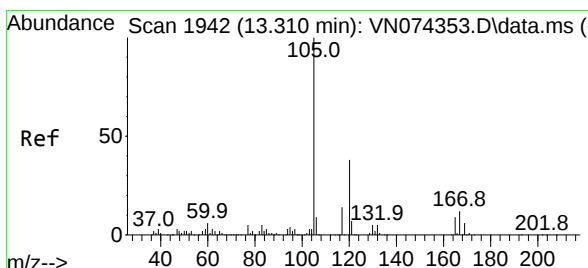
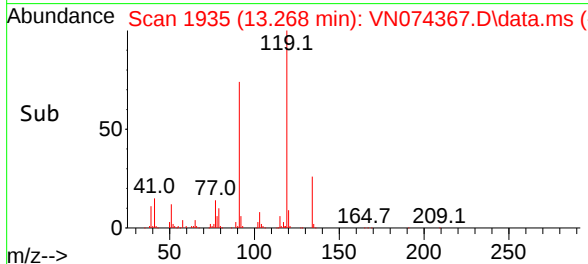
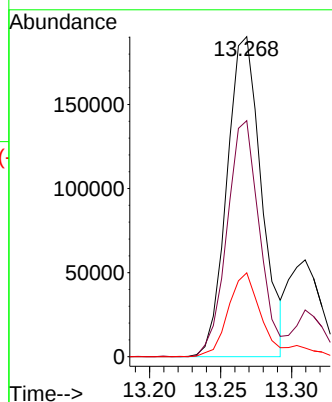
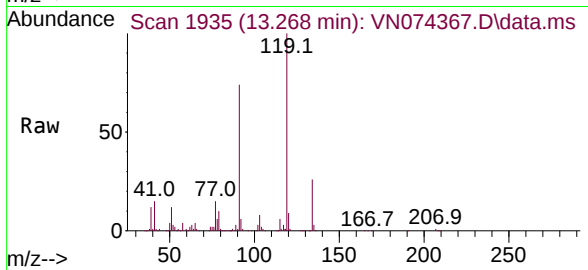




#79
tert-butylbenzene
Concen: 18.170 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

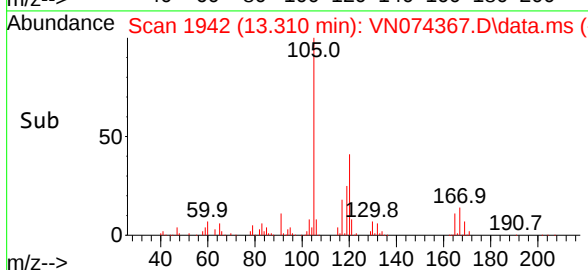
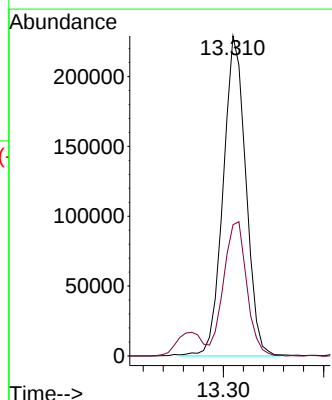
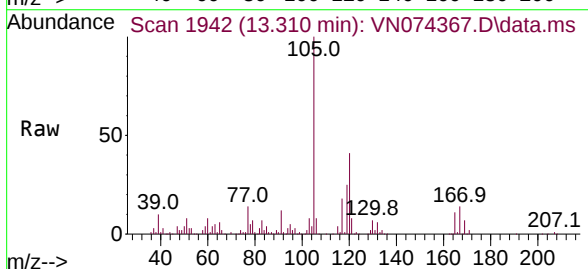
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

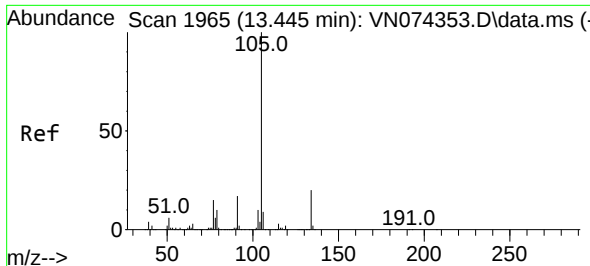
Tgt Ion:119 Resp: 321970
Ion Ratio Lower Upper
119 100
91 69.2 0.0 137.0
134 24.1 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 17.927 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion:105 Resp: 359643
Ion Ratio Lower Upper
105 100
120 42.6 0.0 0.2#

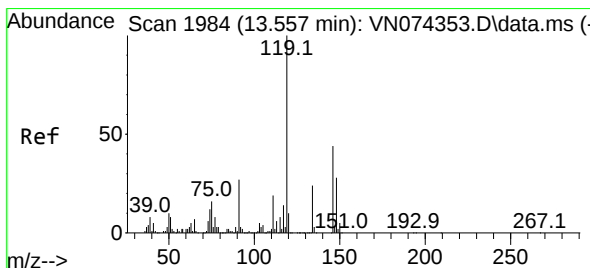
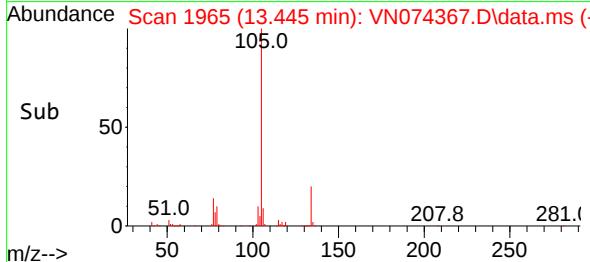
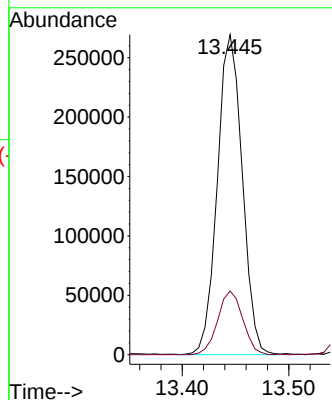
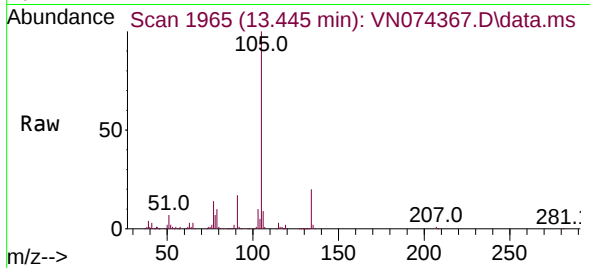




#81
 sec-Butylbenzene
 Concen: 17.691 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

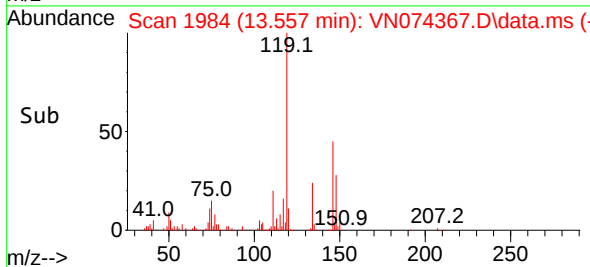
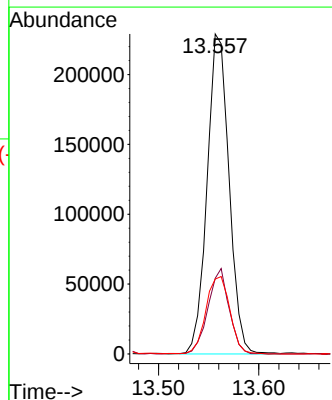
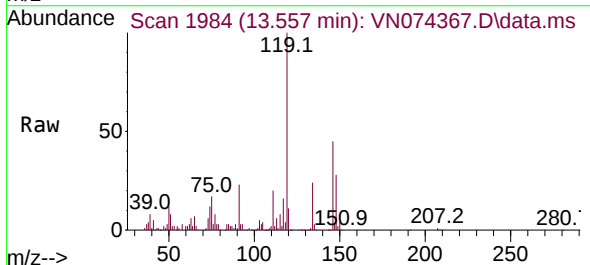
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

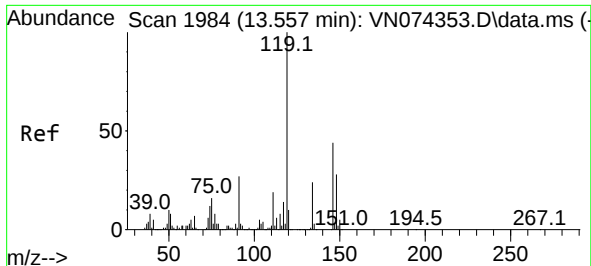
Tgt Ion:105 Resp: 437194
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 17.086 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

Tgt Ion:119 Resp: 349026
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.8
 91 26.4 0.0 50.4

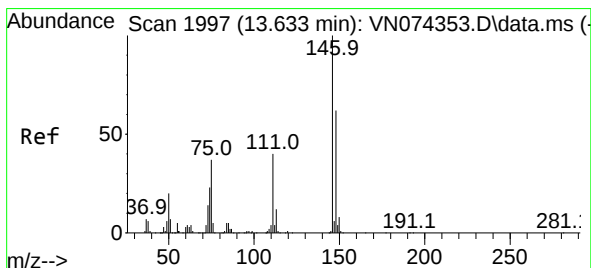
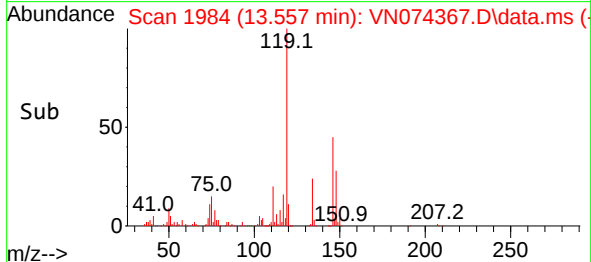
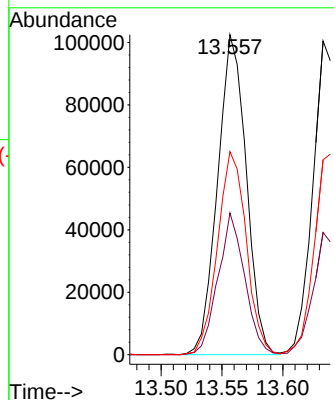
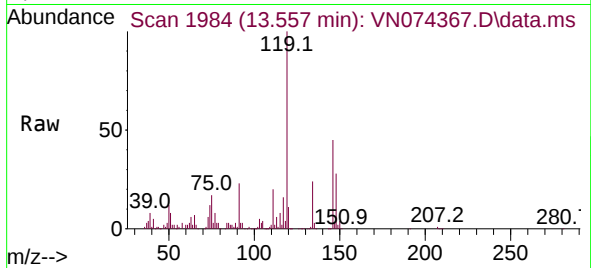




#83
1,3-Dichlorobenzene
Concen: 17.367 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

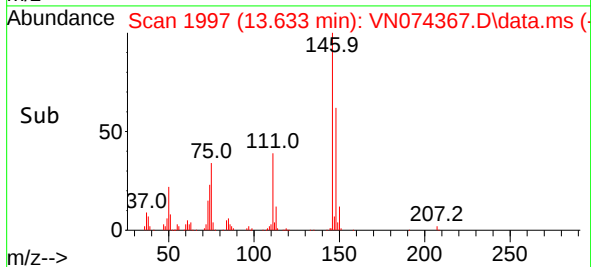
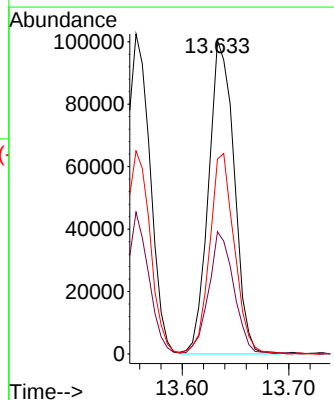
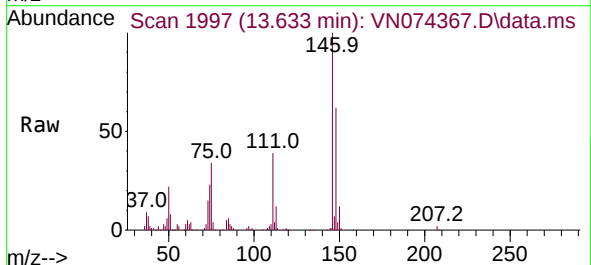
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

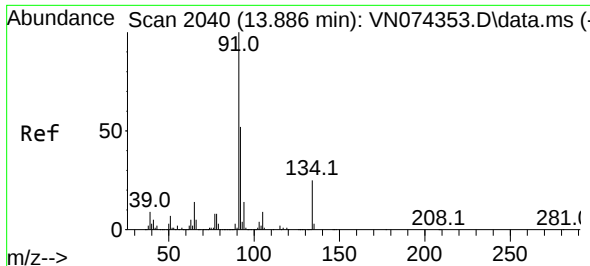
Tgt Ion:146 Resp: 167908
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.2
148 63.7 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 17.512 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion:146 Resp: 167710
Ion Ratio Lower Upper
146 100
111 38.3 19.5 58.5
148 62.0 31.1 93.5

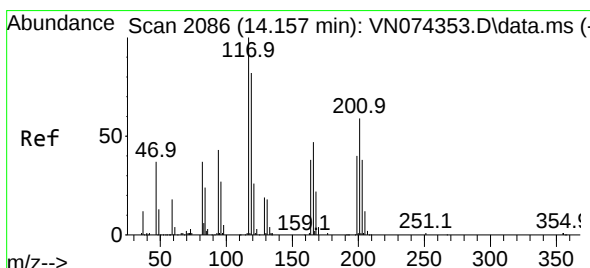
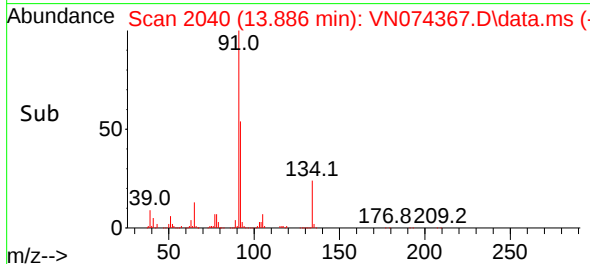
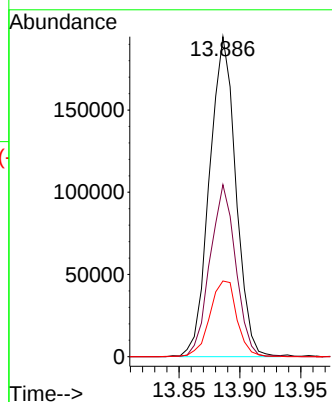
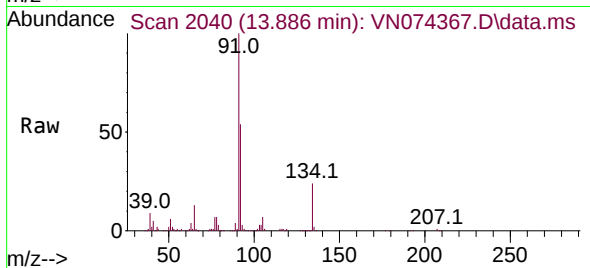




#85
n-Butylbenzene
Concen: 16.366 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

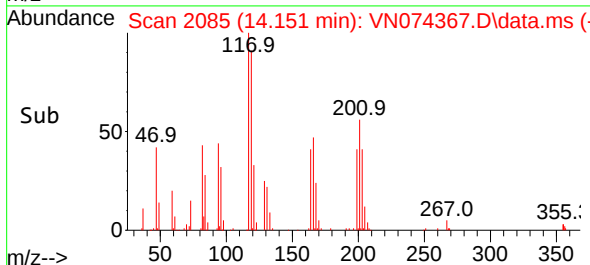
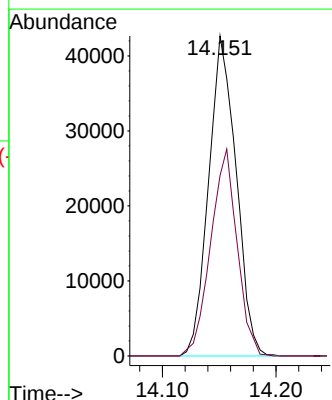
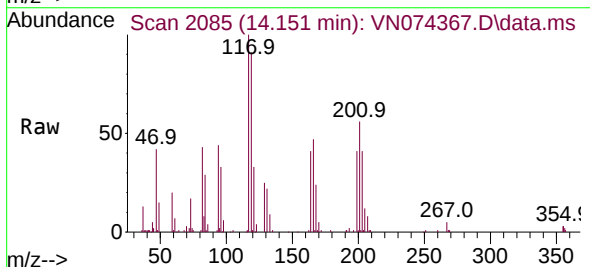
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

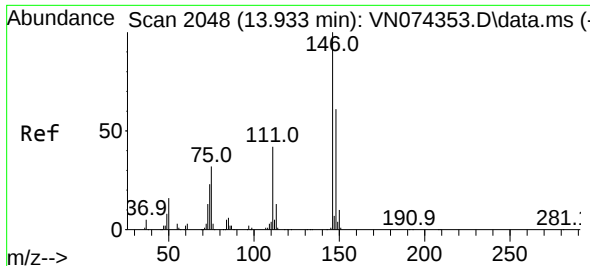
Tgt Ion: 91 Resp: 293401
Ion Ratio Lower Upper
91 100
92 51.8 0.0 100.6
134 24.3 0.0 50.2



#86
Hexachloroethane
Concen: 17.991 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.006 min
Lab File: VN074367.D
Acq: 08 Sep 2022 19:05

Tgt Ion: 117 Resp: 71769
Ion Ratio Lower Upper
117 100
201 62.2 33.3 99.8

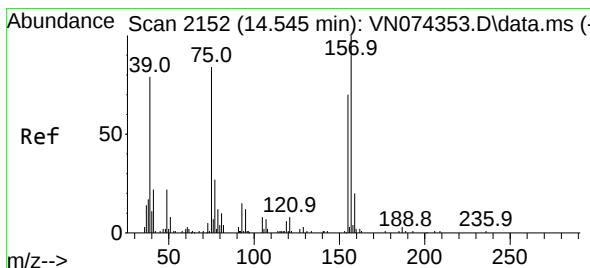
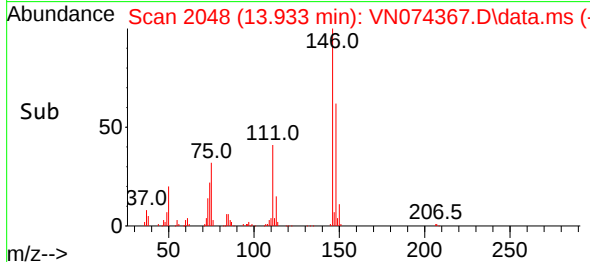
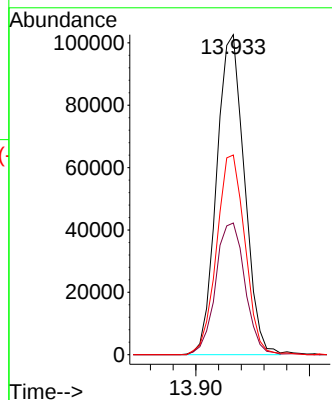
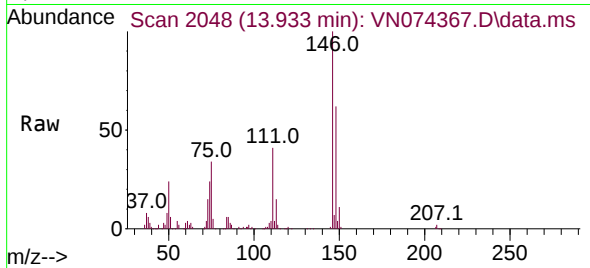




#87
 1,2-Dichlorobenzene
 Concen: 17.437 ug/l
 RT: 13.933 min Scan# 2048
 Delta R.T. -0.000 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

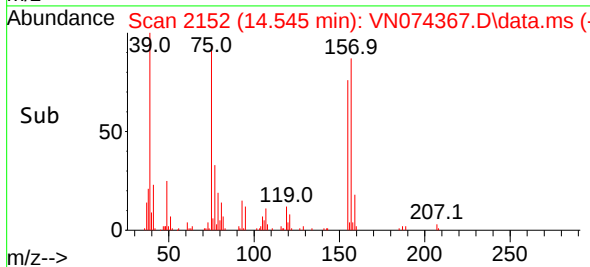
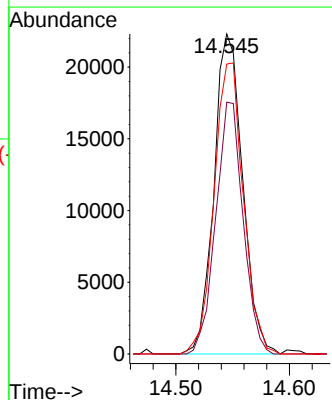
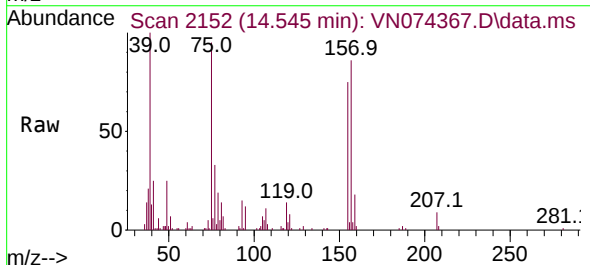
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

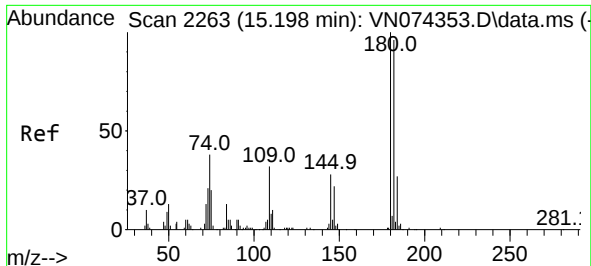
Tgt Ion:146 Resp: 174303
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.4 64.2
 148 63.7 32.5 97.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.347 ug/l
 RT: 14.545 min Scan# 2152
 Delta R.T. -0.000 min
 Lab File: VN074367.D
 Acq: 08 Sep 2022 19:05

Tgt Ion: 75 Resp: 39161
 Ion Ratio Lower Upper
 75 100
 155 75.1 63.8 95.8
 157 92.9 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 16.438 ug/l

RT: 15.204 min Scan# 2264

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

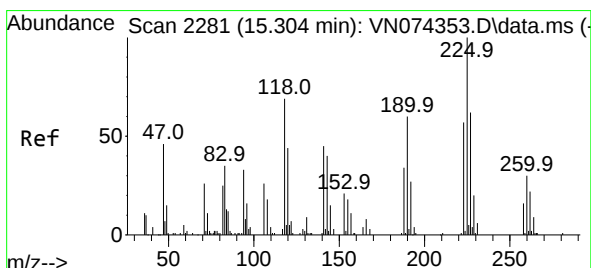
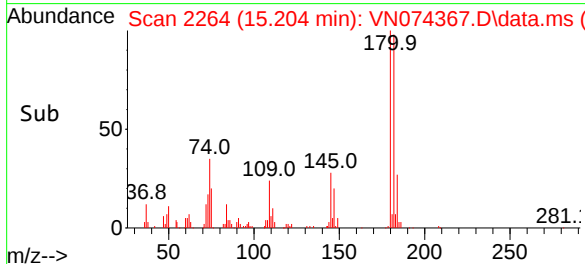
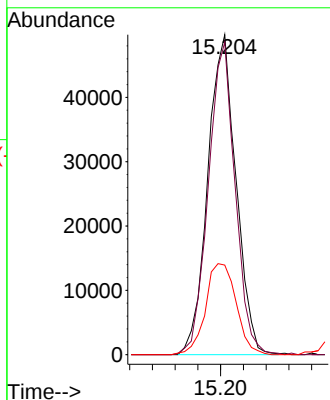
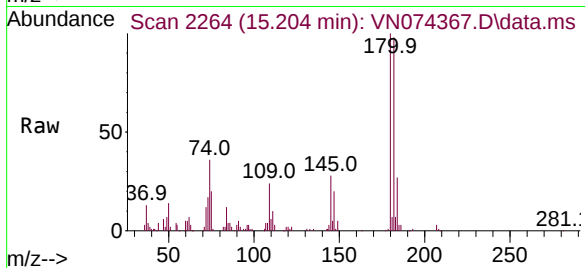
Tgt Ion:180 Resp: 85904

Ion Ratio Lower Upper

180 100

182 92.4 77.7 116.5

145 30.8 26.6 39.8



#90

Hexachlorobutadiene

Concen: 17.518 ug/l

RT: 15.309 min Scan# 2282

Delta R.T. 0.006 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

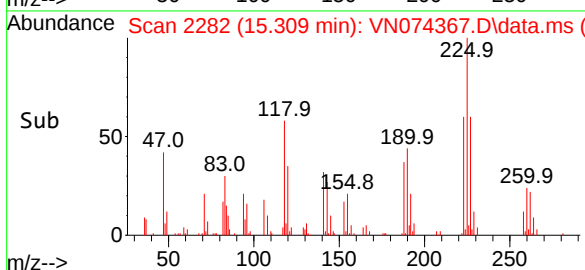
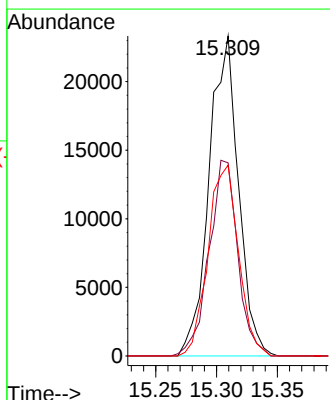
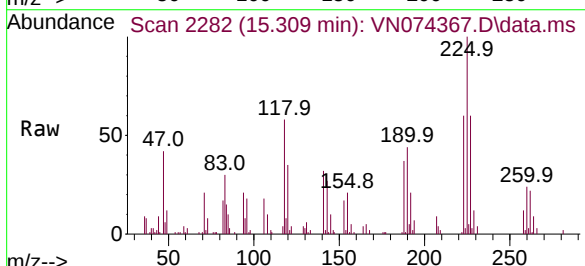
Tgt Ion:225 Resp: 39072

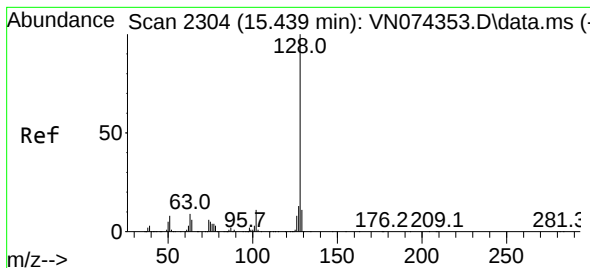
Ion Ratio Lower Upper

225 100

223 59.8 0.0 126.8

227 61.8 0.0 123.0





#91

Naphthalene

Concen: 17.138 ug/l

RT: 15.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

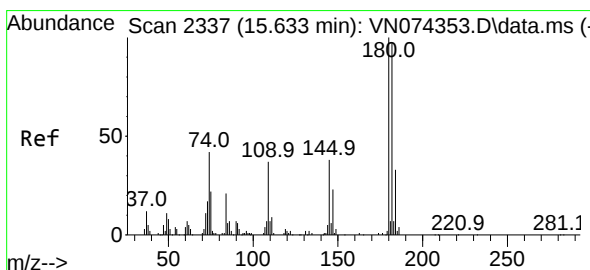
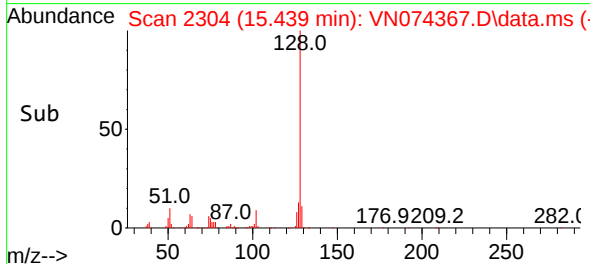
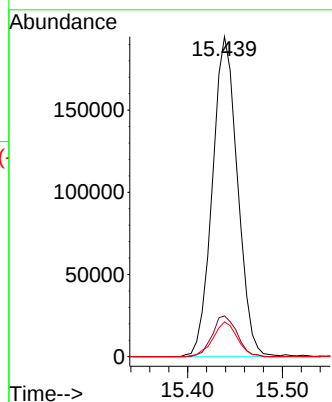
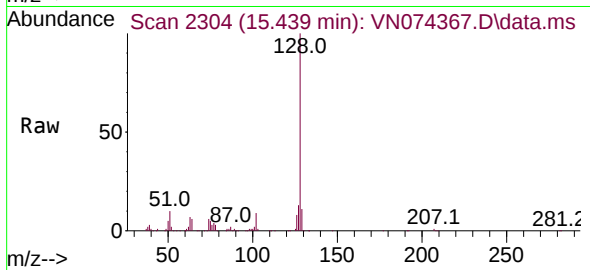
Tgt Ion:128 Resp: 359041

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

129 10.6 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 16.983 ug/l

RT: 15.633 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VN074367.D

Acq: 08 Sep 2022 19:05

Tgt Ion:180 Resp: 90113

Ion Ratio Lower Upper

180 100

182 94.9 0.0 190.0

145 32.0 0.0 67.8

