

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067602.D
 Acq On : 1 Jul 2021 17:32
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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 7/5/2021 2:01:27 PM

Quant Time: Jul 02 06:47:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	66255	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	384223	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	352420	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	169937	31.740	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.800%			
60) 4-Bromofluorobenzene	12.734	95	166256	28.999	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.667%			
63) Toluene-d8	10.446	98	496767	30.806	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	72508	17.672	ug/l	99
3) Chloromethane	2.303	50	101633	20.578	ug/l	99
4) Vinyl Chloride	2.443	62	152364	19.600	ug/l	94
5) Bromomethane	2.859	94	133304	21.258	ug/l	94
6) Chloroethane	3.019	64	116799	20.375	ug/l	90
7) Trichlorofluoromethane	3.374	101	285450	19.261	ug/l	97
8) Diethyl Ether	3.816	74	81385	21.110	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.200	101	58208	17.842	ug/l	97
10) 1,1-Dichloroethene	4.175	96	57407	17.832	ug/l	92
11) Methyl Iodide	4.411	142	69561	16.227	ug/l	89
12) Methyl Acetate	4.859	43	78508	19.005	ug/l	98
13) Acrolein	4.041	56	58405	100.258	ug/l	100
14) Acrylonitrile	5.562	53	183756	95.765	ug/l	100
15) Acetone	4.293	58	46434	103.305	ug/l	77
16) Carbon Disulfide	4.521	76	156782	16.956	ug/l	98
17) Allyl chloride	4.841	41	98363	17.328	ug/l	91
18) Methylene Chloride	5.093	84	80344	19.236	ug/l	91
19) trans-1,2-Dichloroethene	5.597	96	67534	17.447	ug/l	86
20) Diisopropyl ether	6.503	45	257484	18.756	ug/l	96
21) 1,1-Dichloroethane	6.385	63	137521	18.756	ug/l	95
22) cis-1,2-Dichloroethene	7.329	96	86368	18.245	ug/l	89
23) tert-Butyl Alcohol	5.396	59	63819	87.405	ug/l #	100
24) Methyl tert-Butyl Ether	5.624	73	247327	18.285	ug/l	96
25) Chloroform	7.820	83	150422	18.202	ug/l	98
26) Cyclohexane	8.094	56	113564	17.146	ug/l #	90
29) 1,1-Dichloropropene	8.220	75	104334	17.329	ug/l	97
30) 2-Butanone	7.343	43	259021	94.278	ug/l	97
31) 2,2-Dichloropropane	7.324	77	95176	14.849	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	127300	16.872	ug/l	98
33) Carbon Tetrachloride	8.209	117	103524	16.186	ug/l	98
34) Benzene	8.461	78	328334	17.689	ug/l	98
35) Methacrylonitrile	7.638	41	54929	18.384	ug/l	95
36) 1,2-Dichloroethane	8.534	62	126396	18.511	ug/l	99
37) Trichloroethene	9.218	130	80773	17.387	ug/l	92
38) Methylcyclohexane	9.462	83	111692	16.687	ug/l	93
39) 1,2-Dichloropropane	9.494	63	84900	18.296	ug/l	99
40) Dibromomethane	9.580	93	61788	18.007	ug/l	93
41) Bromodichloromethane	9.765	83	116792	17.540	ug/l	98
42) Vinyl Acetate	6.436	43	1082723	89.978	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.421	43	107037	17.949	ug/l #	74
44) Isopropyl Acetate	8.566	43	197894	18.728	ug/l #	60
45) 1,4-Dioxane	9.574	88	28777	347.208	ug/l #	89
46) Methyl methacrylate	9.566	41	83539	18.456	ug/l	95
47) n-amyl Acetate	12.390	43	146268	16.459	ug/l	96
48) t-1,3-Dichloropropene	10.722	75	115229	16.085	ug/l	97
49) cis-1,3-Dichloropropene	10.194	75	122711	16.249	ug/l	97
50) 1,1,2-Trichloroethane	10.902	97	86911	17.927	ug/l	98
51) Ethyl methacrylate	10.765	69	131574	17.225	ug/l	95
52) 1,3-Dichloropropane	11.049	76	141610	17.682	ug/l	98
53) Dibromochloromethane	11.240	129	83832	16.047	ug/l	99
54) 1,2-Dibromoethane	11.350	107	87486	17.294	ug/l	100
55) 2-Chloroethyl vinyl ether	10.044	63	124552	76.655	ug/l	98
56) Bromoform	12.460	173	52326	14.387	ug/l #	96
58) 4-Methyl-2-Pentanone	10.336	43	610940	99.617	ug/l	99
59) 2-Hexanone	11.090	43	409349	95.818	ug/l	96
61) Tetrachloroethene	10.982	164	77314	17.806	ug/l	99
62) Toluene	10.508	91	371903	17.941	ug/l	99
64) Chlorobenzene	11.773	112	215333	17.532	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	79328	17.332	ug/l	97
66) Ethyl Benzene	11.849	91	397269	17.389	ug/l	97
67) m/p-Xylenes	11.956	106	301259	33.968	ug/l	87
68) o-Xylene	12.283	106	150860	17.074	ug/l	89
69) Styrene	12.299	104	241373	16.633	ug/l	93
70) Isopropylbenzene	12.581	105	385329	17.045	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	120621	18.554	ug/l	100
72) 1,2,3-Trichloropropane	12.884	75	110123m	19.464	ug/l	
73) Bromobenzene	12.865	156	84074	16.407	ug/l	80
74) n-propylbenzene	12.924	91	429477	16.809	ug/l	97
75) 2-Chlorotoluene	13.013	91	267234	17.395	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.063	105	315067	16.877	ug/l	97
77) t-1,4-Dichloro-2-butene	12.629	75	26878	14.490	ug/l	99
78) 4-Chlorotoluene	13.109	91	255913	16.749	ug/l	92
79) tert-butylbenzene	13.326	119	261677	16.665	ug/l	90
80) 1,2,4-Trimethylbenzene	13.372	105	310932m	16.907	ug/l	
81) sec-Butylbenzene	13.506	105	354463	16.419	ug/l	97
82) p-Isopropyltoluene	13.619	119	283459	16.011	ug/l	95
83) 1,3-Dichlorobenzene	13.619	146	153994	16.191	ug/l	94
84) 1,4-Dichlorobenzene	13.696	146	149049	16.180	ug/l	95
85) n-Butylbenzene	13.946	91	227995	15.583	ug/l	98
86) Hexachloroethane	14.214	117	45092	14.932	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	152552	16.645	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.606	75	20004	17.213	ug/l #	77
89) 1,2,4-Trichlorobenzene	15.268	180	60484	15.329	ug/l	99
90) Hexachlorobutadiene	15.373	225	28358	15.509	ug/l	98
91) Naphthalene	15.509	128	185748	15.277	ug/l	99
92) 1,2,3-Trichlorobenzene	15.705	180	59083	15.699	ug/l	95

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

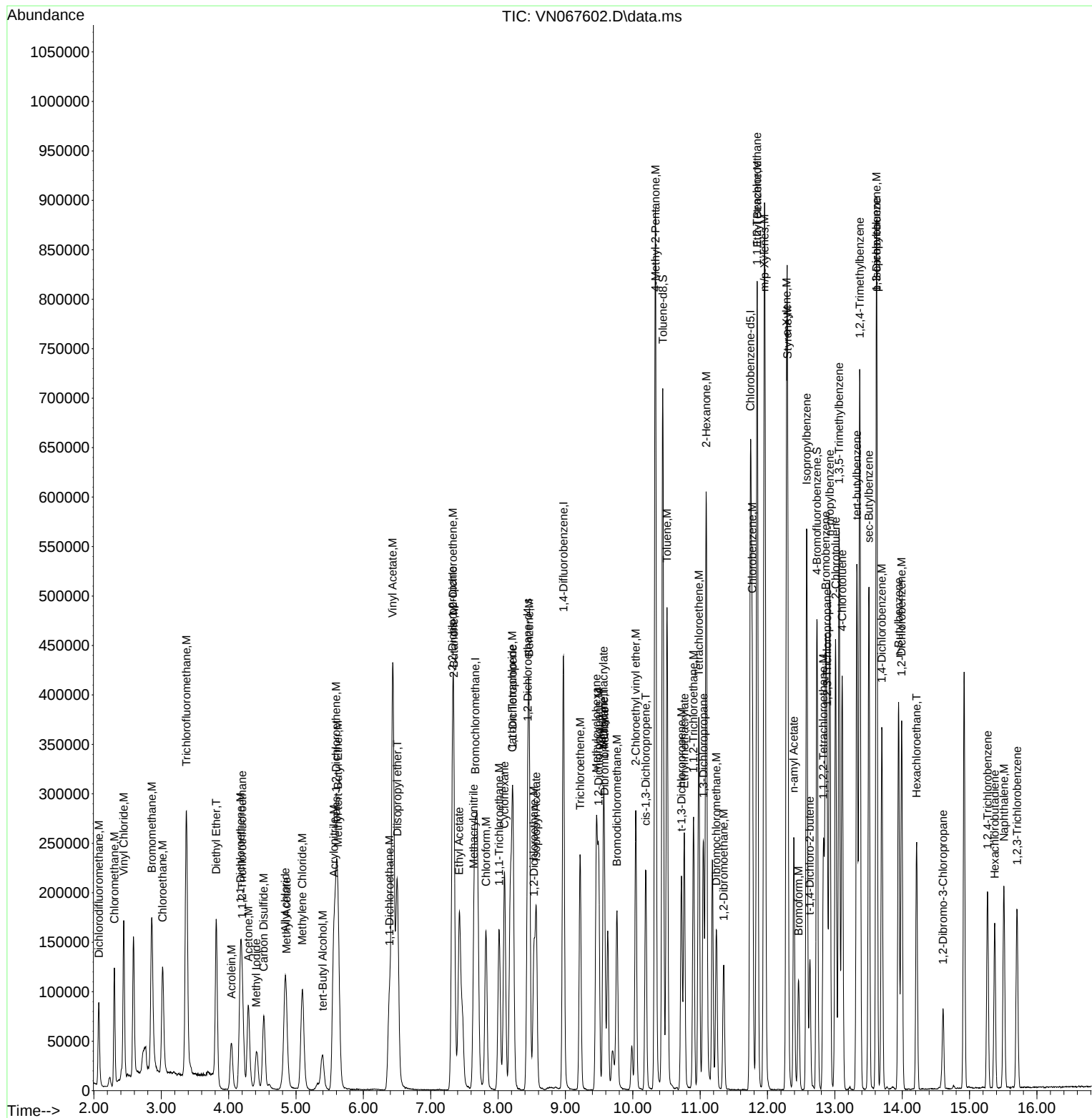
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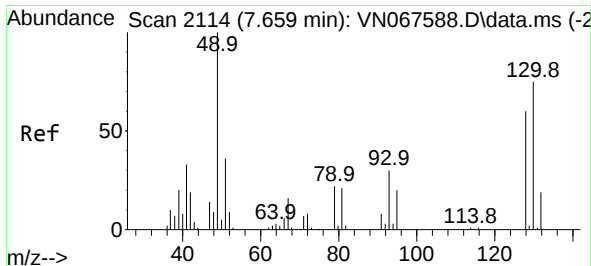
Instrument :
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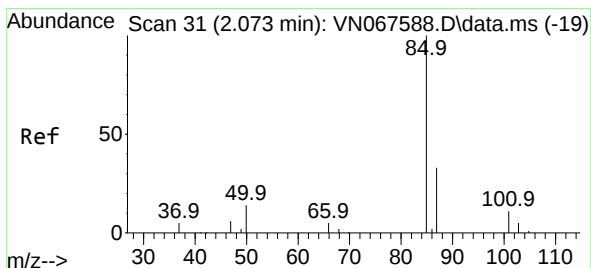
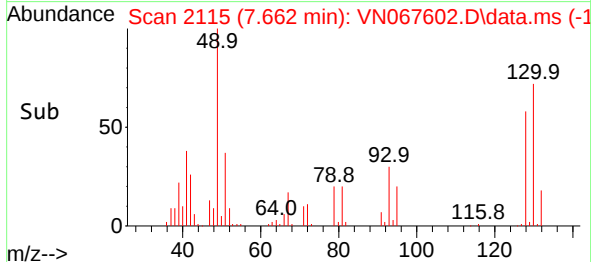
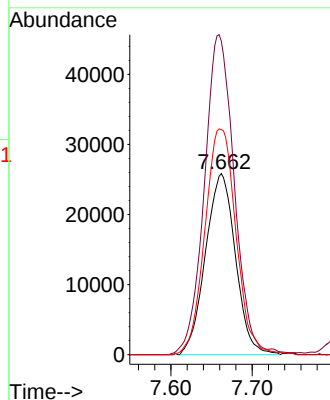
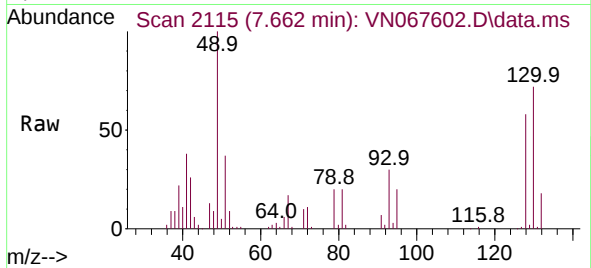
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:128 Resp: 66255
Ion Ratio Lower Upper
128 100
49 175.2 0.0 517.5
130 129.5 0.0 325.8

Instrument :
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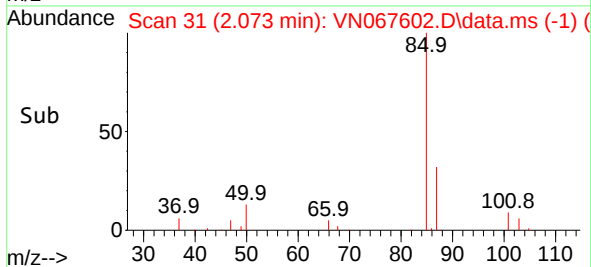
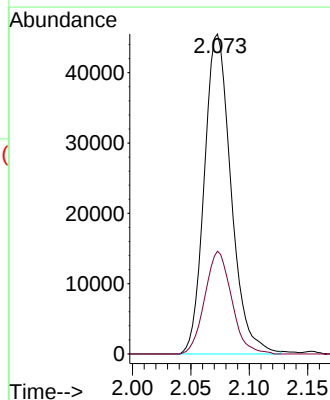
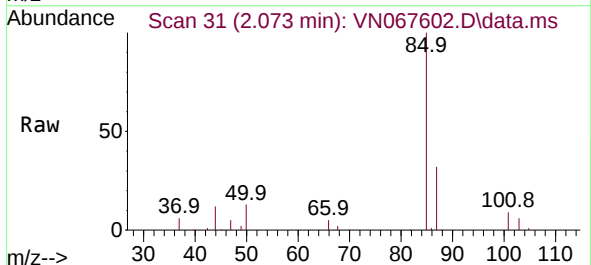
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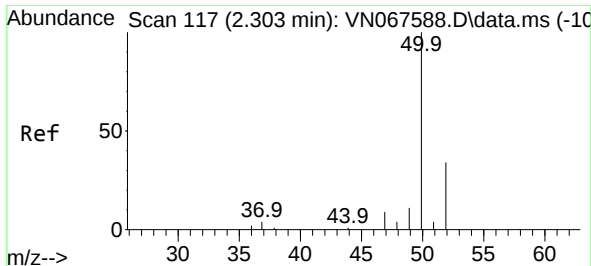
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#2
Dichlorodifluoromethane
Concen: 17.672 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 85 Resp: 72508
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





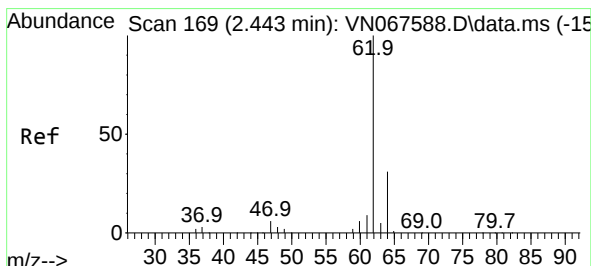
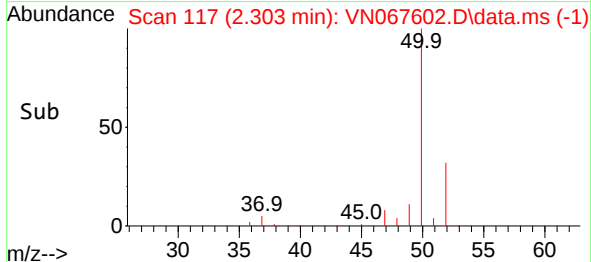
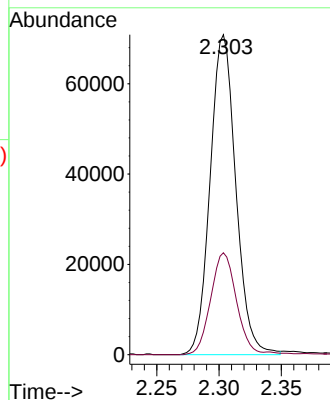
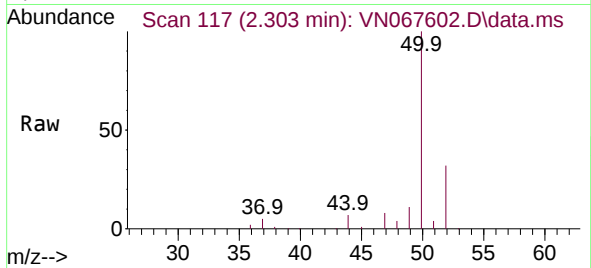
#3
Chloromethane
Concen: 20.578 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 50 Resp: 101633
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0

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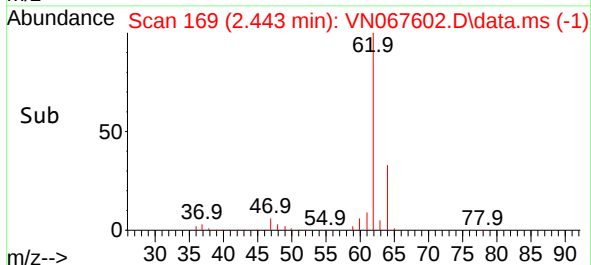
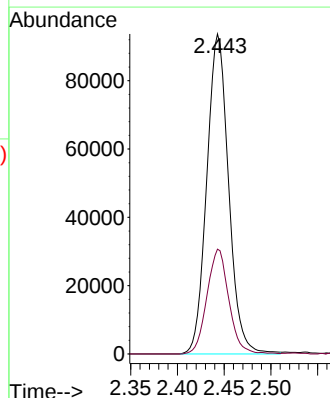
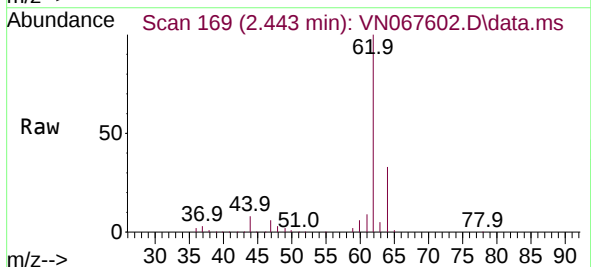
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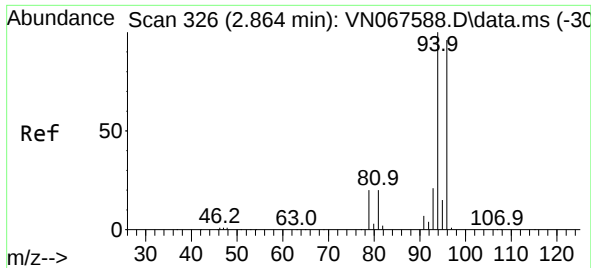
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#4
Vinyl Chloride
Concen: 19.600 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 62 Resp: 152364
Ion Ratio Lower Upper
62 100
64 32.7 23.7 35.5





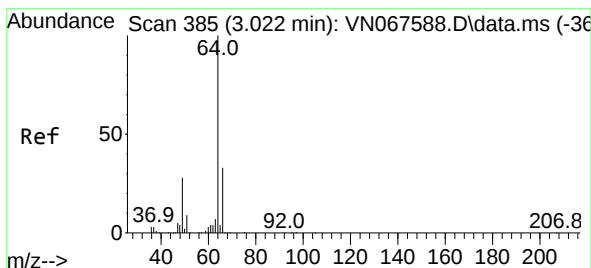
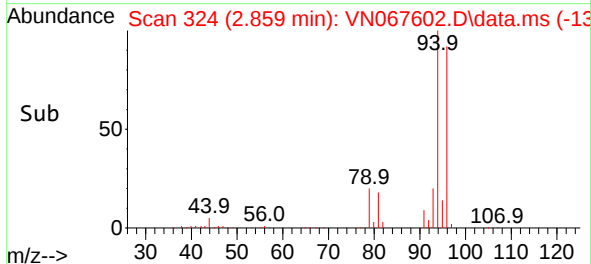
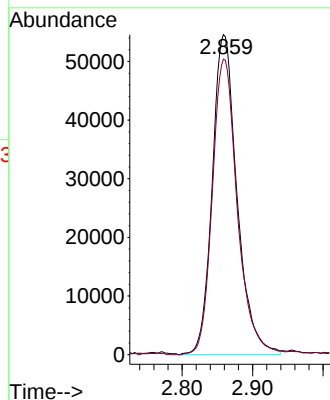
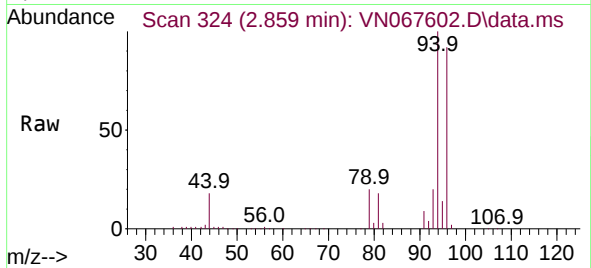
#5
Bromomethane
Concen: 21.258 ug/l
RT: 2.859 min Scan# 324
Delta R.T. -0.005 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

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Tgt Ion: 94 Resp: 133304
Ion Ratio Lower Upper
94 100
96 92.4 69.4 104.2

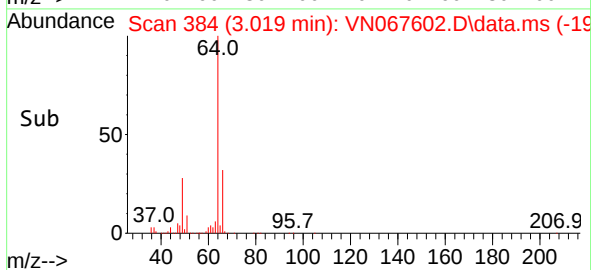
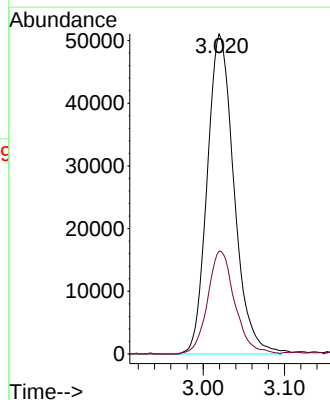
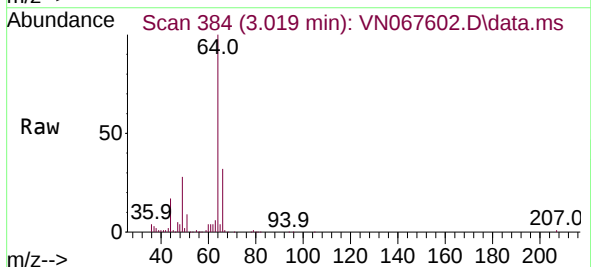
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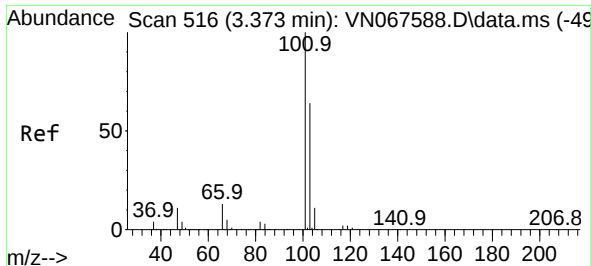
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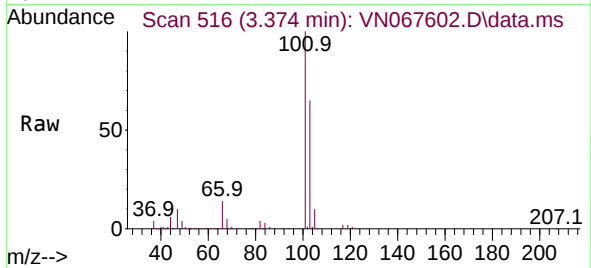
#6
Chloroethane
Concen: 20.375 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 64 Resp: 116799
Ion Ratio Lower Upper
64 100
66 32.2 21.5 32.3

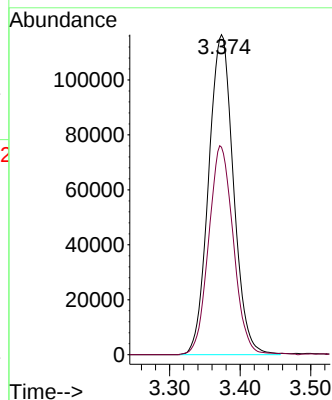




#7
Trichlorofluoromethane
Concen: 19.261 ug/l
RT: 3.374 min Scan# 516
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



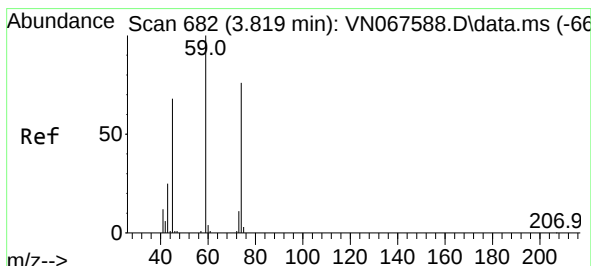
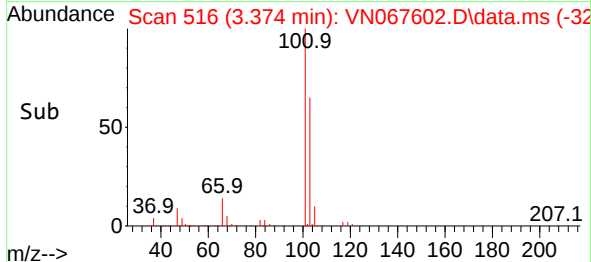
Tgt Ion:101 Resp: 285450
Ion Ratio Lower Upper
101 100
103 64.7 53.7 80.5



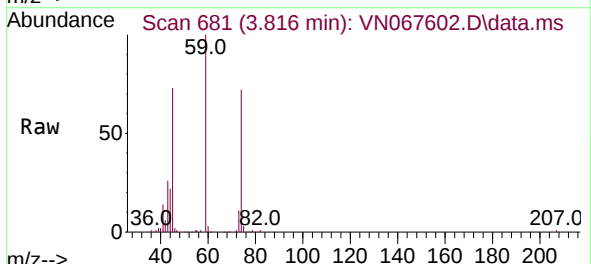
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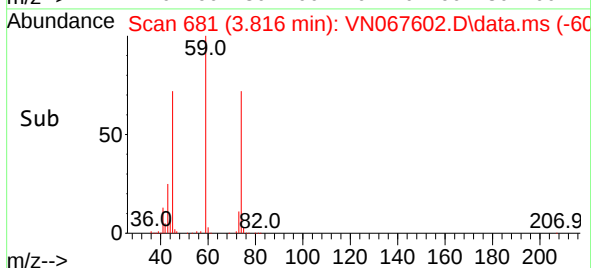
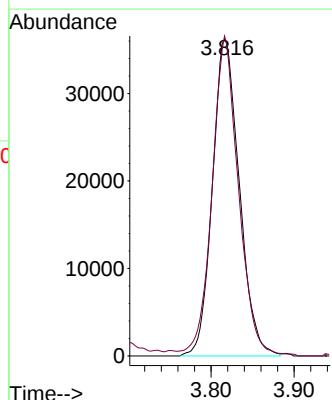
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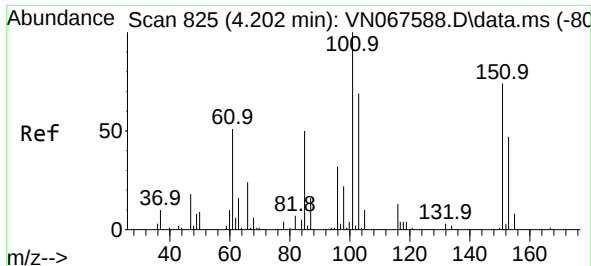


#8
Diethyl Ether
Concen: 21.110 ug/l
RT: 3.816 min Scan# 681
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



Tgt Ion: 74 Resp: 81385
Ion Ratio Lower Upper
74 100
45 99.3 20.3 182.5





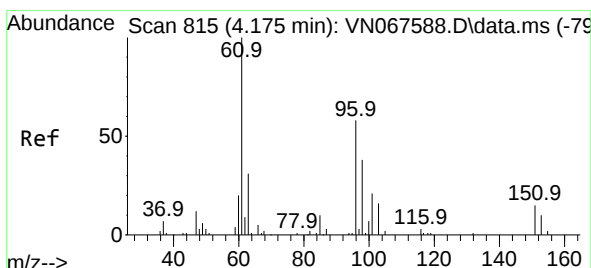
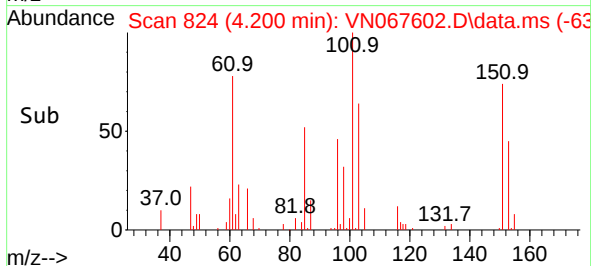
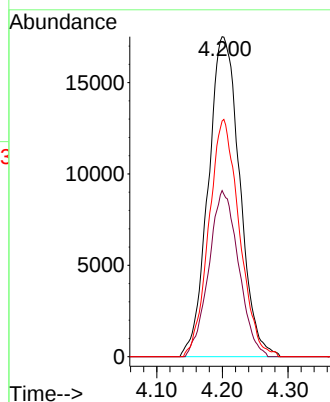
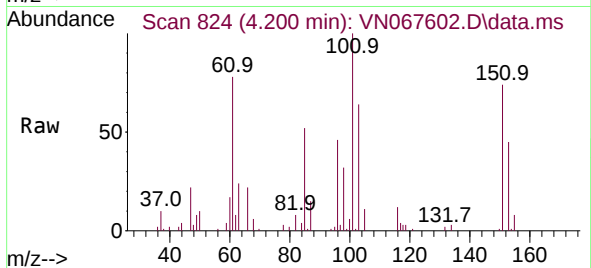
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1,1,2-Trichlorotrifluoroethane
Concen: 17.842 ug/l
RT: 4.200 min Scan# 824
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:101 Resp: 58208
Ion Ratio Lower Upper
101 100
85 49.3 0.0 97.8
151 71.7 0.0 135.0

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ClientSampleId :
VSTDCCC020EC

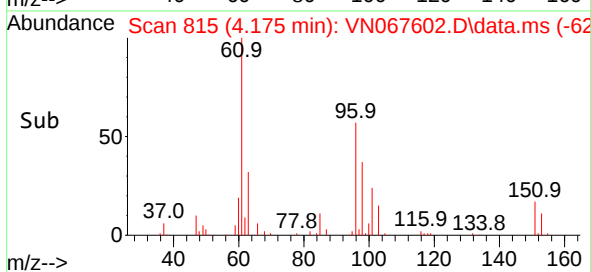
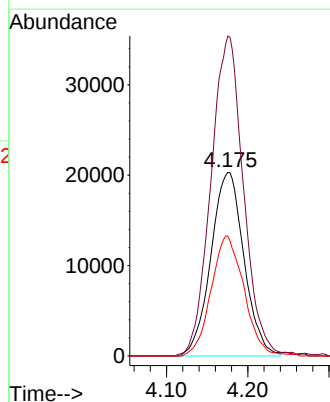
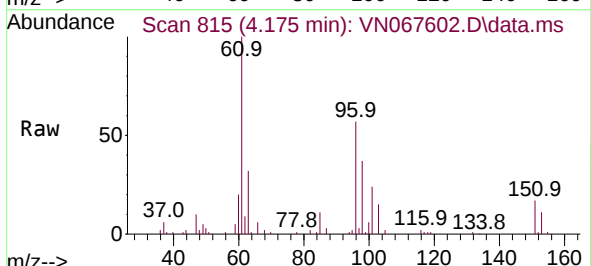
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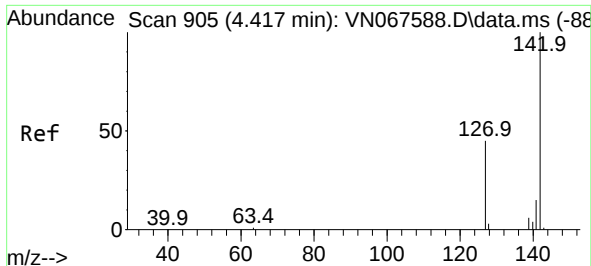
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#10
1,1-Dichloroethene
Concen: 17.832 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

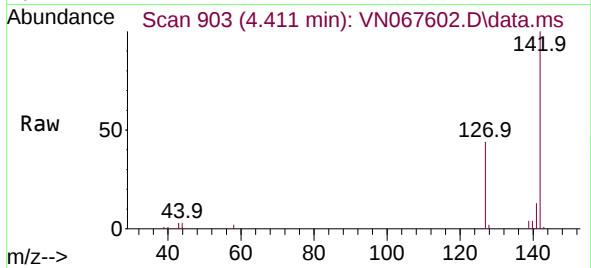
Tgt Ion: 96 Resp: 57407
Ion Ratio Lower Upper
96 100
61 173.1 148.3 222.5
98 65.2 48.6 73.0





#11
Methyl Iodide
Concen: 16.227 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.005 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

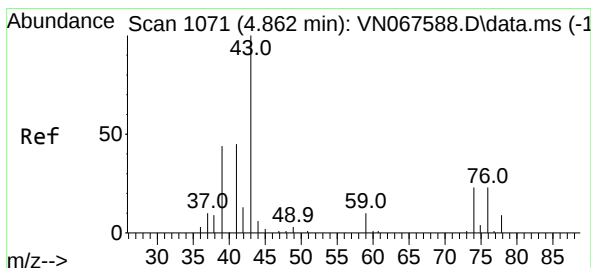
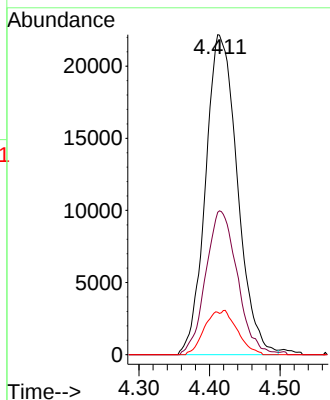
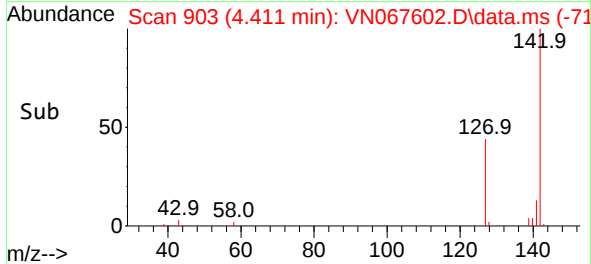
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



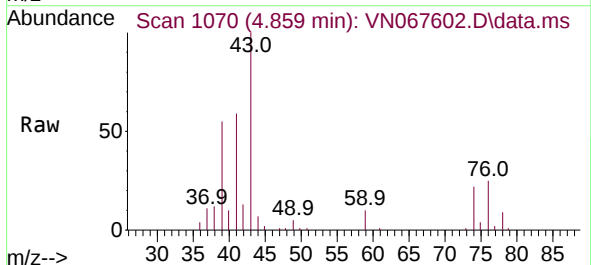
Tgt Ion:142 Resp: 69561
Ion Ratio Lower Upper
142 100
127 44.4 27.2 81.5
141 13.3 6.9 20.7

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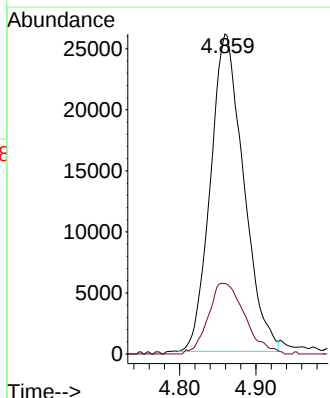
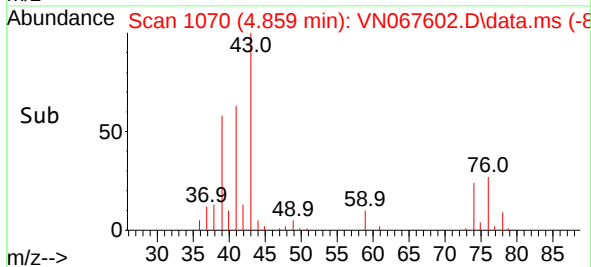
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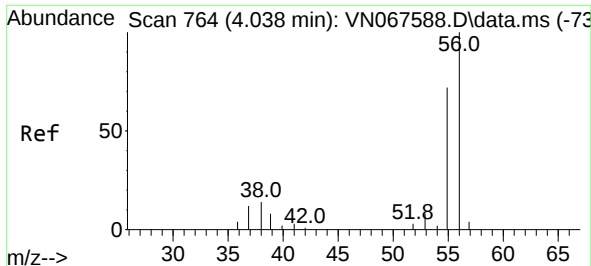


#12
Methyl Acetate
Concen: 19.005 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



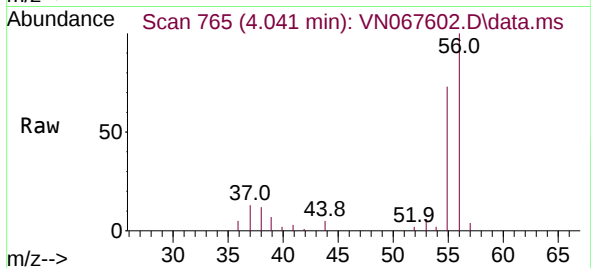
Tgt Ion: 43 Resp: 78508
Ion Ratio Lower Upper
43 100
74 21.7 16.6 25.0





#13
Acrolein
Concen: 100.258 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

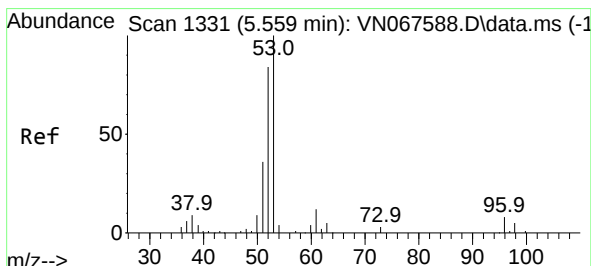
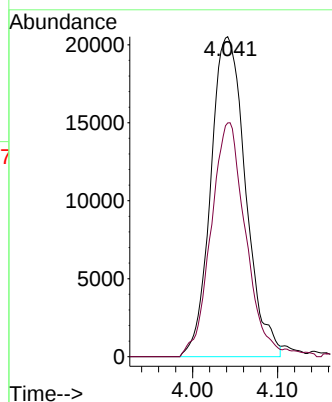
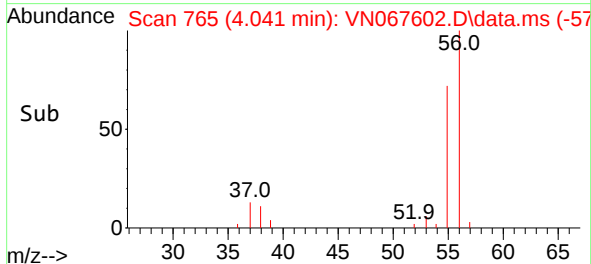
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



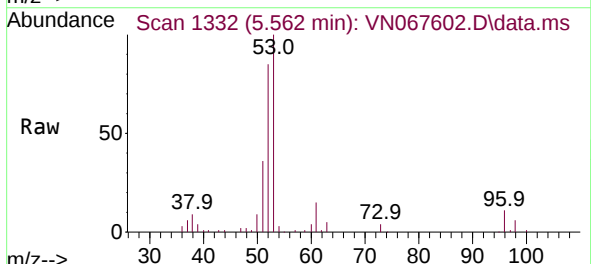
Tgt Ion: 56 Resp: 58405
Ion Ratio Lower Upper
56 100
55 72.1 57.5 86.3

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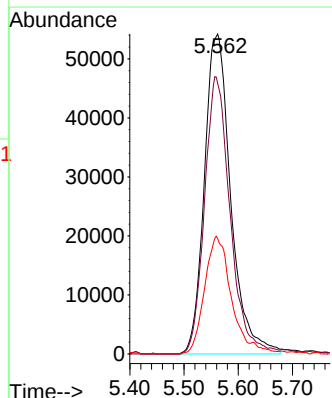
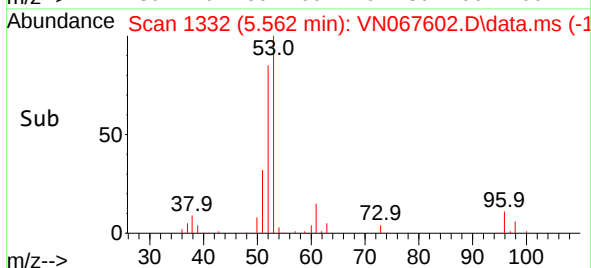
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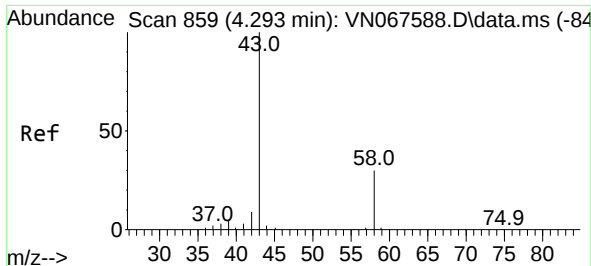


#14
Acrylonitrile
Concen: 95.765 ug/l
RT: 5.562 min Scan# 1332
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

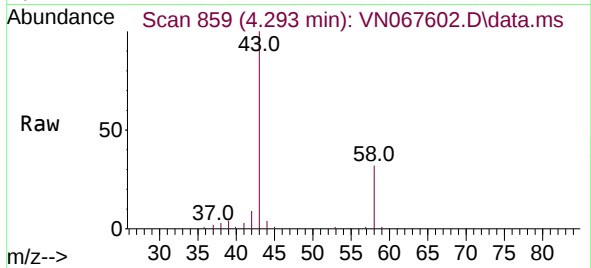


Tgt Ion: 53 Resp: 183756
Ion Ratio Lower Upper
53 100
52 83.3 41.8 125.4
51 35.7 18.1 54.3

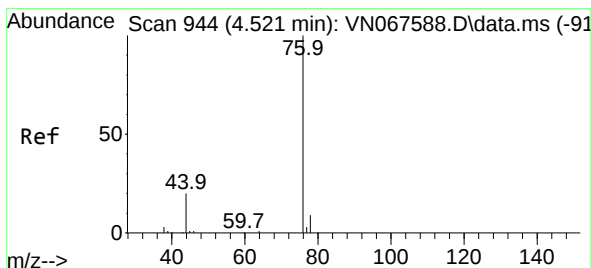
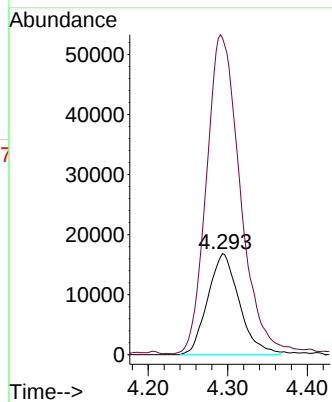
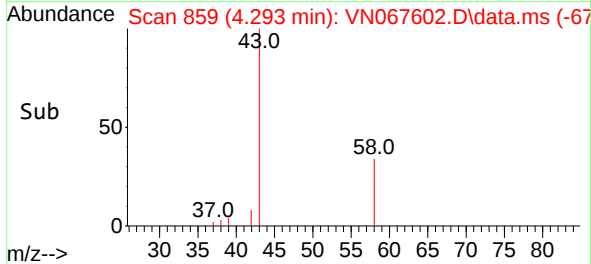




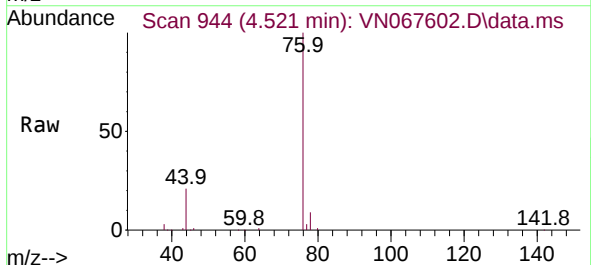
#15
Acetone
Concen: 103.305 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



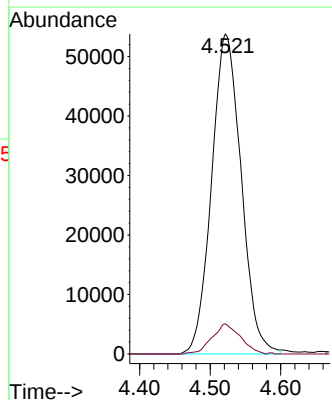
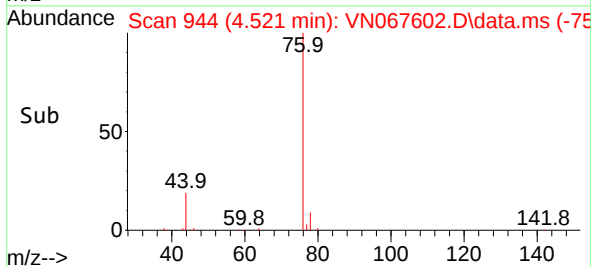
Tgt Ion: 58 Resp: 46434
Ion Ratio Lower Upper
58 100
43 310.4 289.6 434.4



#16
Carbon Disulfide
Concen: 16.956 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



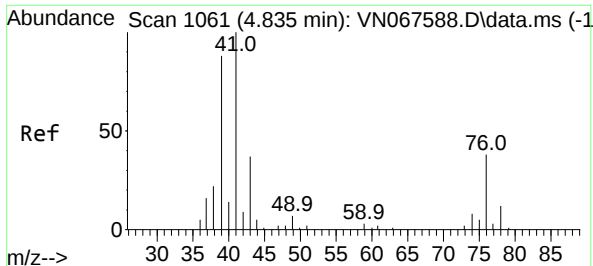
Tgt Ion: 76 Resp: 156782
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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#17

Allyl chloride

Concen: 17.328 ug/l

RT: 4.841 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VN067602.D

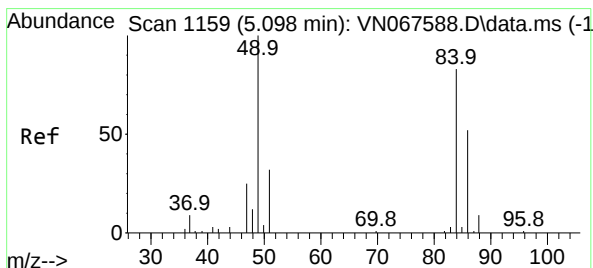
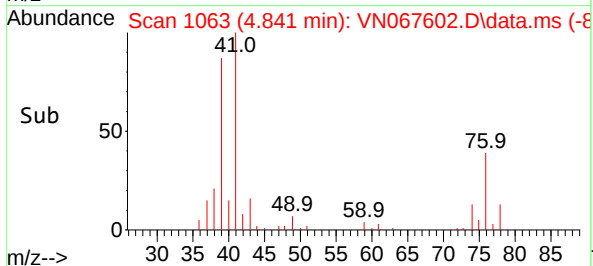
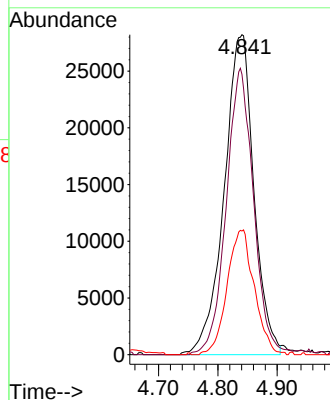
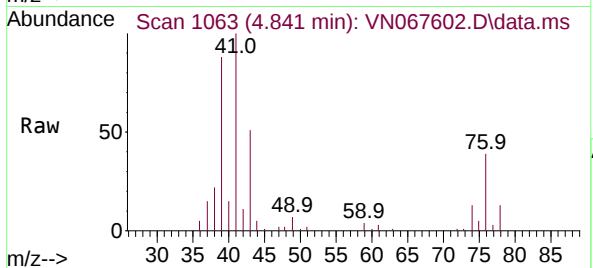
Acq: 1 Jul 2021 17:32

Tgt Ion:	41	Resp:	98363
Ion	Ratio	Lower	Upper
41	100		
39	87.6	39.8	119.4
76	38.7	16.8	50.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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#18

Methylene Chloride

Concen: 19.236 ug/l

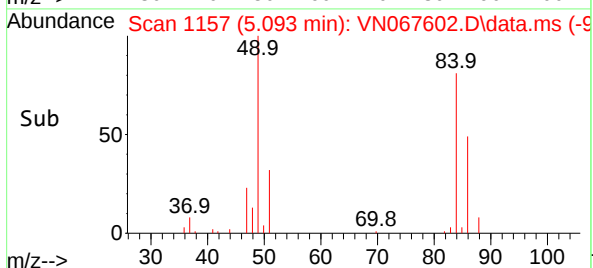
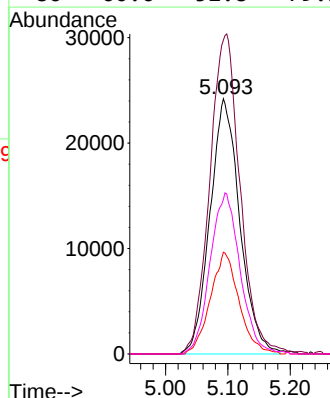
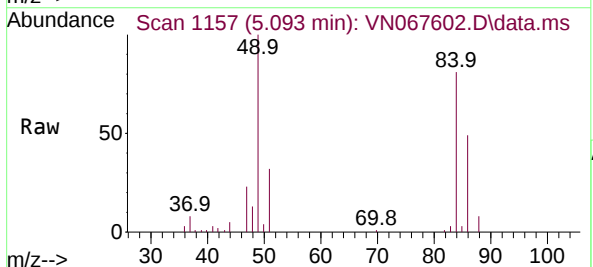
RT: 5.093 min Scan# 1157

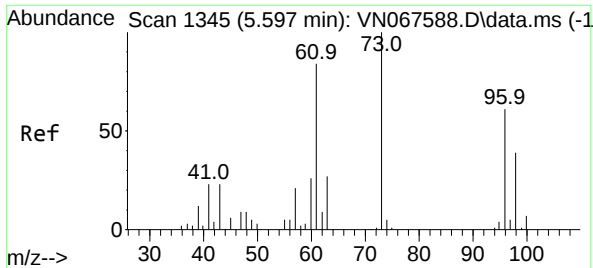
Delta R.T. -0.005 min

Lab File: VN067602.D

Acq: 1 Jul 2021 17:32

Tgt Ion:	84	Resp:	80344
Ion	Ratio	Lower	Upper
84	100		
49	123.0	110.9	166.3
51	39.9	31.2	46.8
86	60.6	52.8	79.2





#19

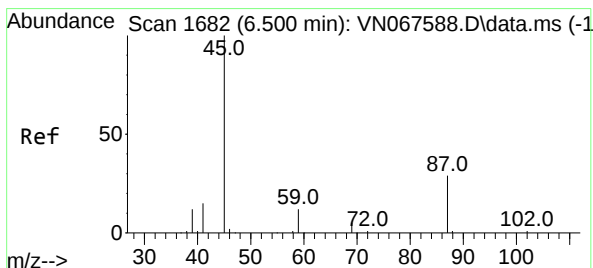
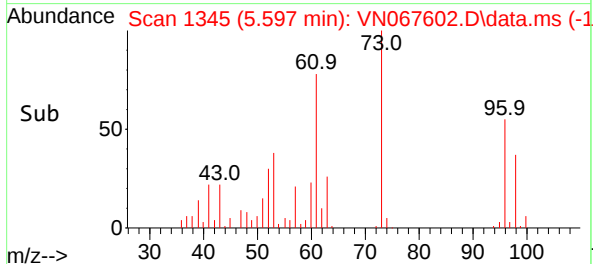
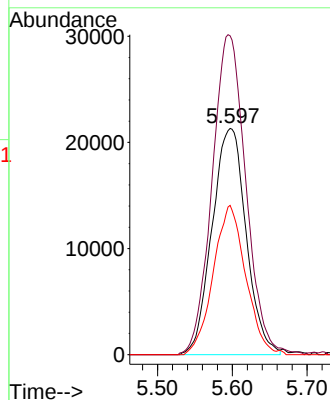
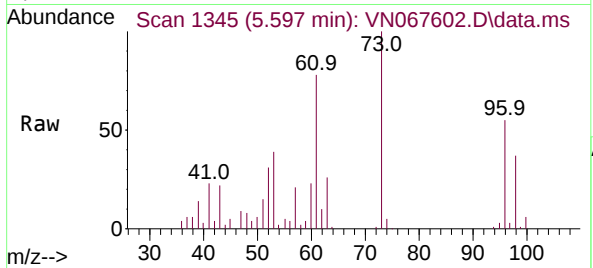
trans-1,2-Dichloroethene
Concen: 17.447 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:	96	Resp:	67534
Ion	Ratio	Lower	Upper
96	100		
61	140.2	129.3	193.9
98	66.0	48.0	72.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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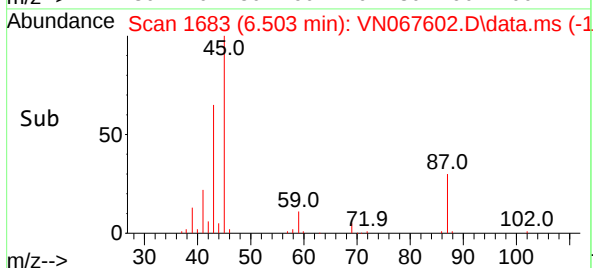
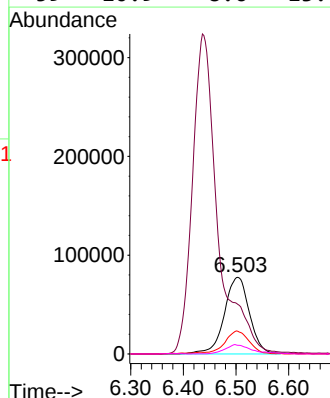
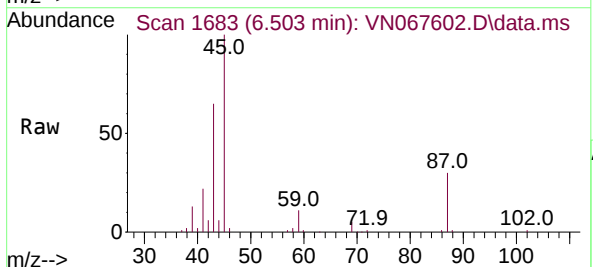
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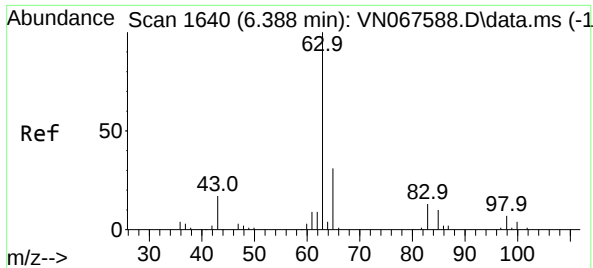


#20

Diisopropyl ether
Concen: 18.756 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:	45	Resp:	257484
Ion	Ratio	Lower	Upper
45	100		
43	62.1	48.1	72.1
87	29.1	19.8	29.6
59	10.9	8.6	13.0





#21

1,1-Dichloroethane

Concen: 18.756 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. -0.002 min

Lab File: VN067602.D

Acq: 1 Jul 2021 17:32

Tgt Ion:	63	Resp:	137521
Ion Ratio	Lower	Upper	
63	100		
98	7.5	2.7	8.1
100	4.2	1.8	5.3

Instrument :

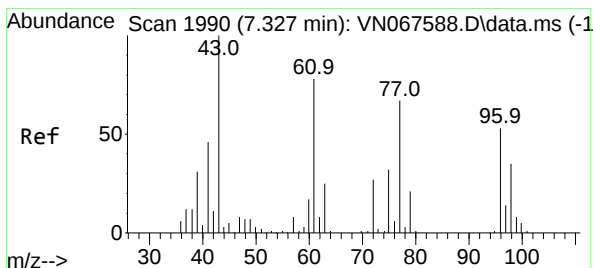
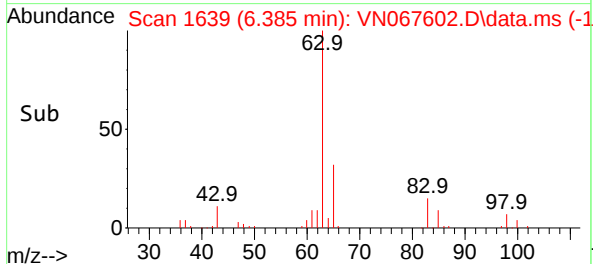
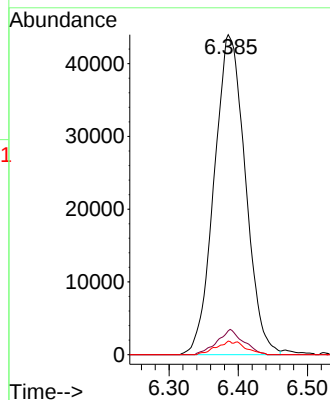
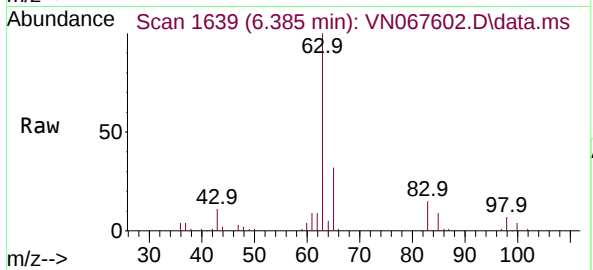
MSVOA_N

ClientSampleId :

VSTDCCC020EC

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#22

cis-1,2-Dichloroethene

Concen: 18.245 ug/l

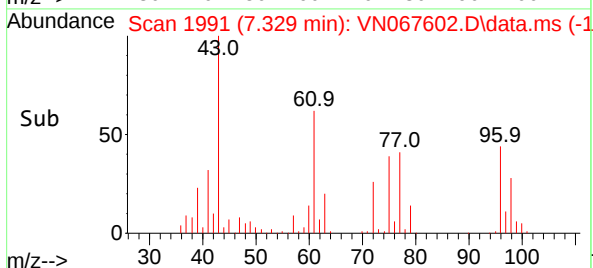
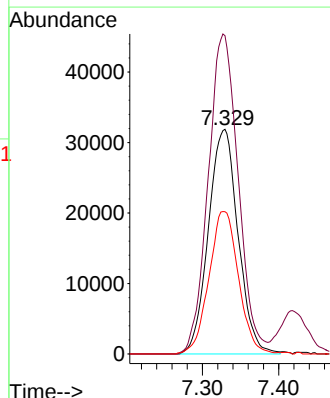
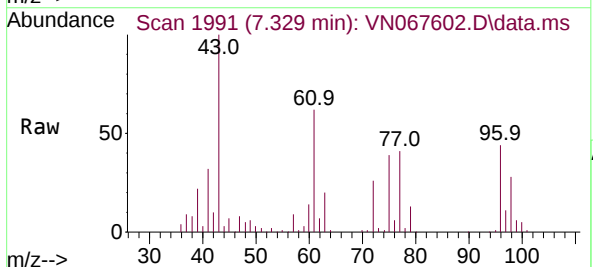
RT: 7.329 min Scan# 1991

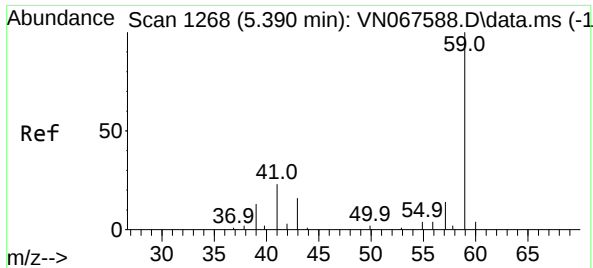
Delta R.T. 0.003 min

Lab File: VN067602.D

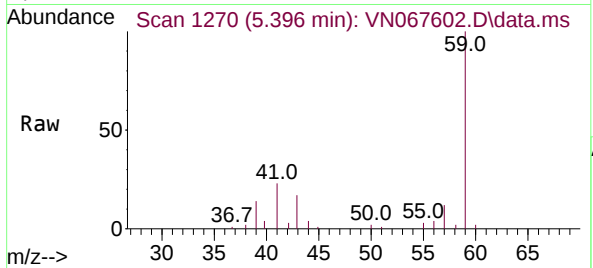
Acq: 1 Jul 2021 17:32

Tgt Ion:	96	Resp:	86368
Ion Ratio	Lower	Upper	
96	100		
61	143.8	131.2	196.8
98	63.0	50.7	76.1

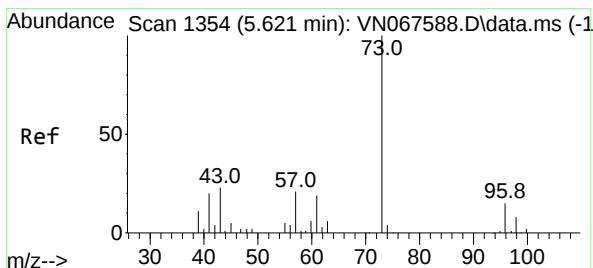
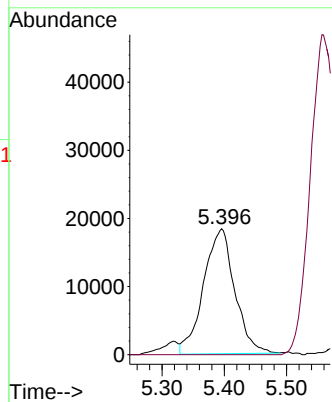
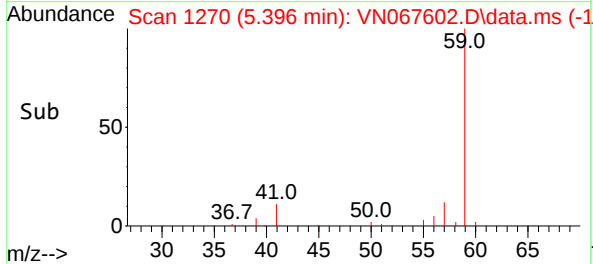




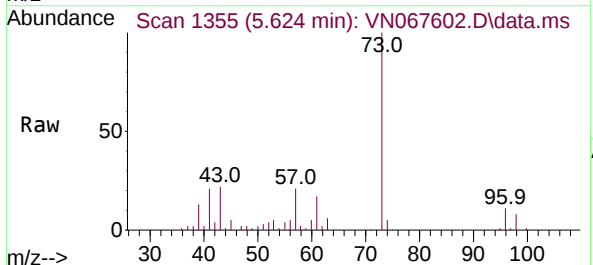
#23
tert-Butyl Alcohol
Concen: 87.405 ug/l
RT: 5.396 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



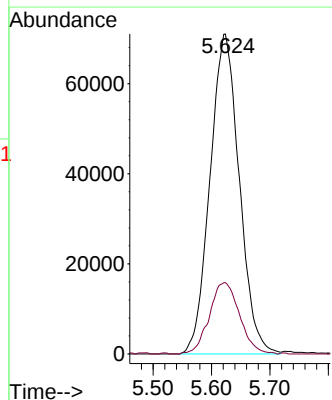
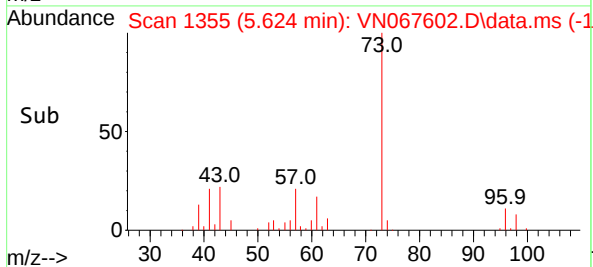
Tgt Ion: 59 Resp: 63819
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 18.285 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



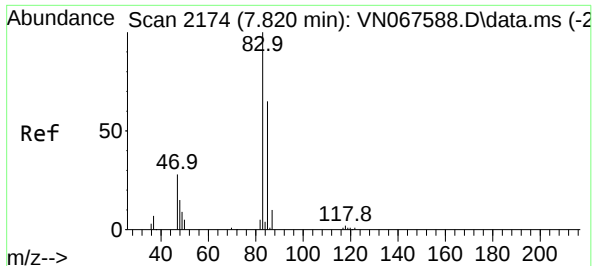
Tgt Ion: 73 Resp: 247327
Ion Ratio Lower Upper
73 100
43 23.0 20.0 30.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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#25

Chloroform

Concen: 18.202 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN067602.D

Acq: 1 Jul 2021 17:32

Tgt Ion: 83 Resp: 150422

Ion Ratio Lower Upper

83 100

85 62.9 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

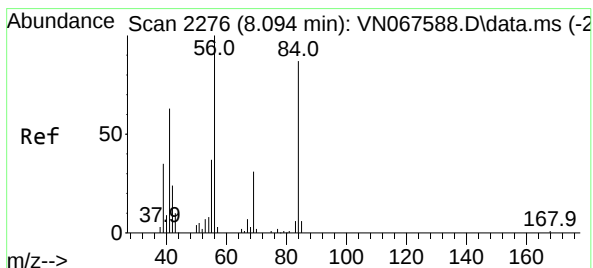
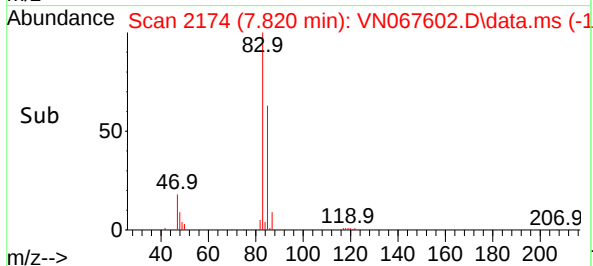
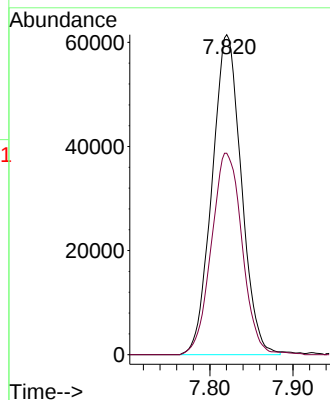
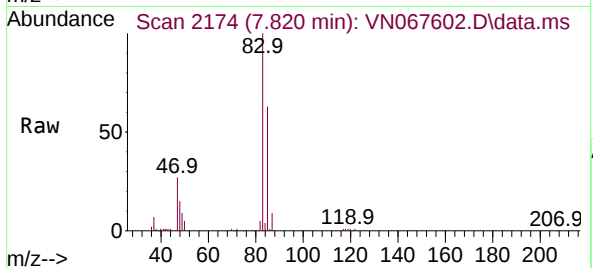
VSTDCCC020EC

Manual Integrations

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#26

Cyclohexane

Concen: 17.146 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. 0.000 min

Lab File: VN067602.D

Acq: 1 Jul 2021 17:32

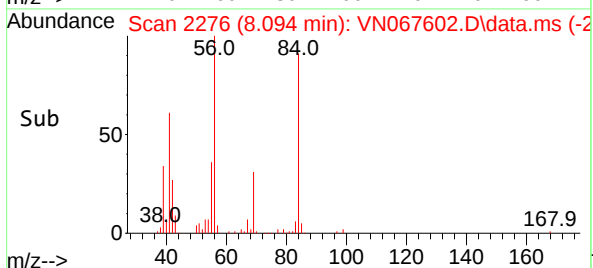
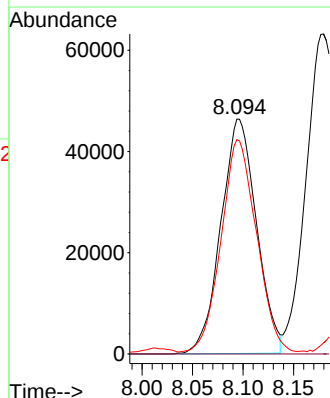
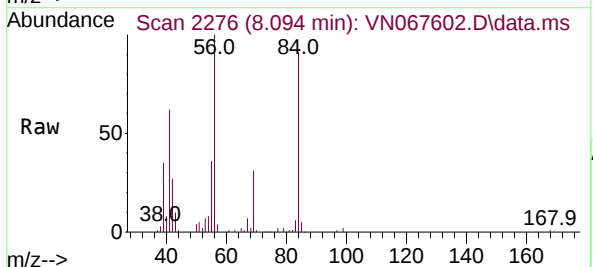
Tgt Ion: 56 Resp: 113564

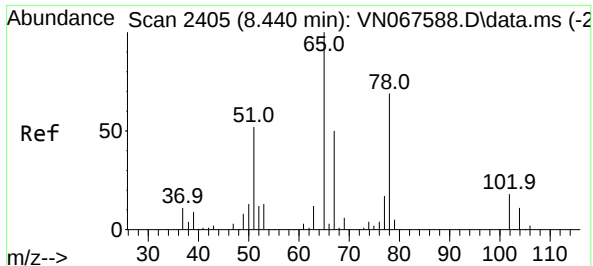
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.0 66.2 99.2





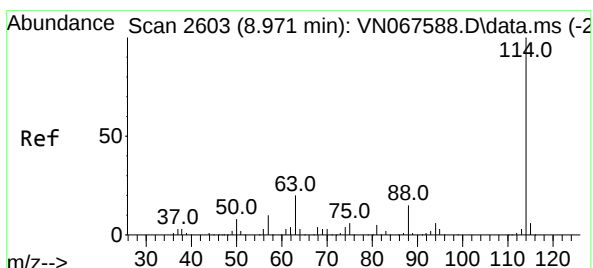
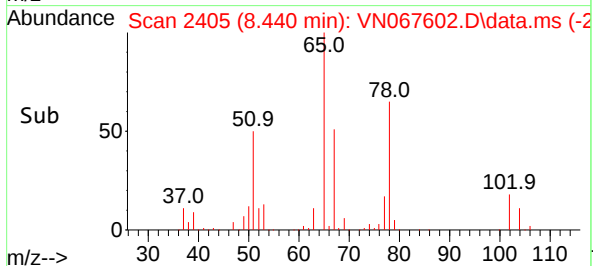
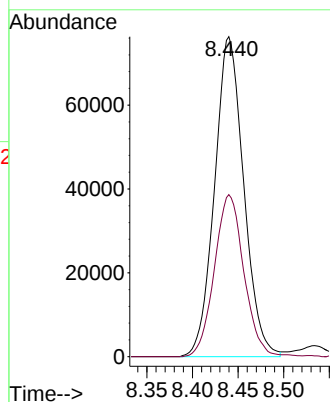
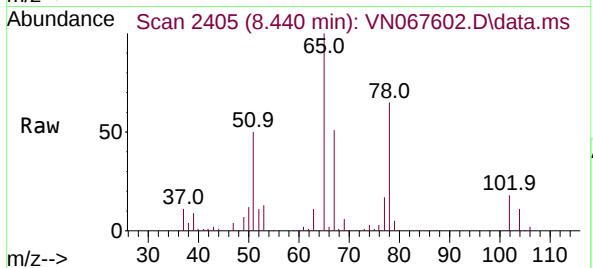
#27
 1,2-Dichloroethane-d4
 Concen: 31.740 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN067602.D
 Acq: 1 Jul 2021 17:32

Tgt Ion: 65 Resp: 169937
 Ion Ratio Lower Upper
 65 100
 67 51.0 39.8 59.8

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

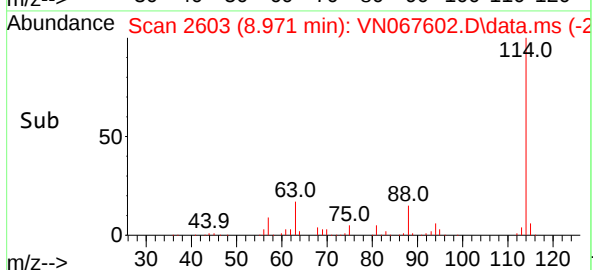
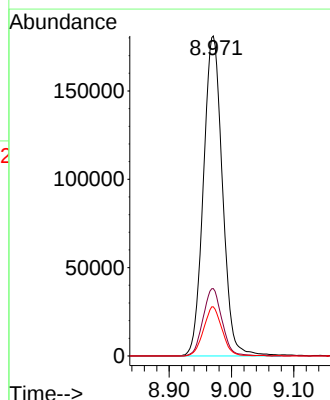
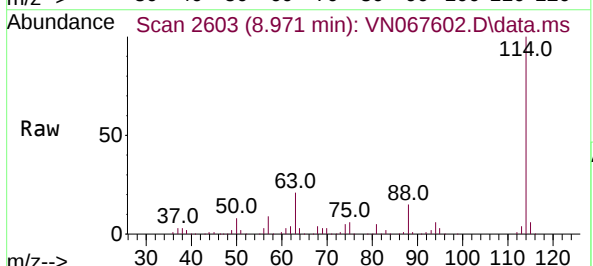
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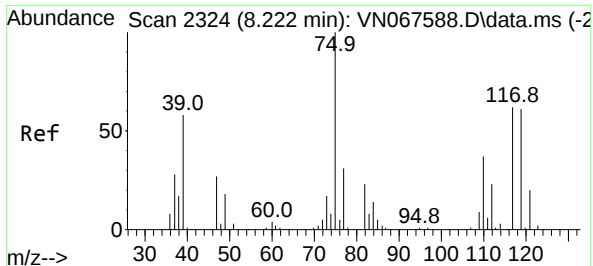
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067602.D
 Acq: 1 Jul 2021 17:32

Tgt Ion: 114 Resp: 384223
 Ion Ratio Lower Upper
 114 100
 63 20.9 20.3 30.5
 88 14.8 14.6 22.0

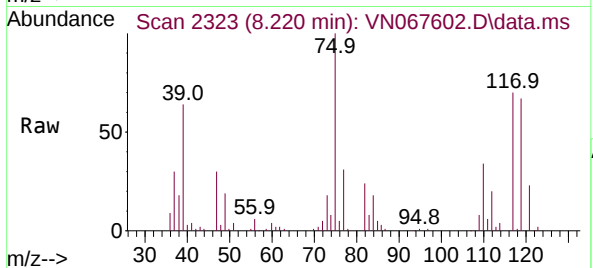




#29

1,1-Dichloropropene
Concen: 17.329 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

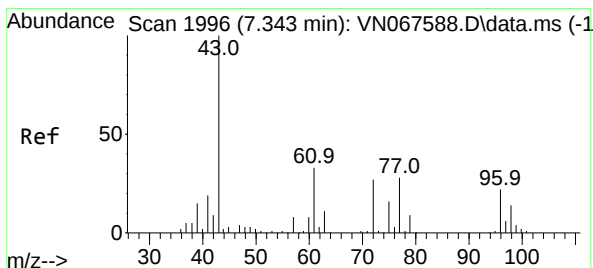
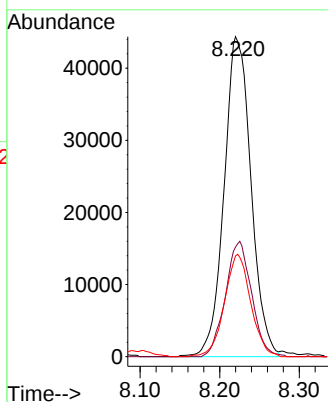
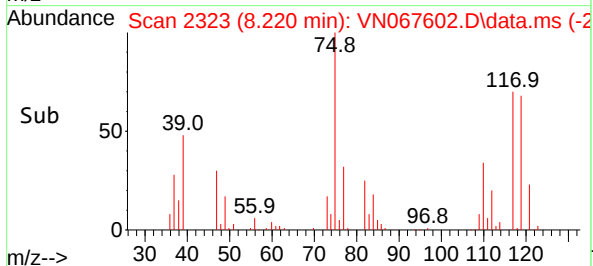
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	75	Resp:	104334
Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	63.4
77	31.2	0.0	63.0

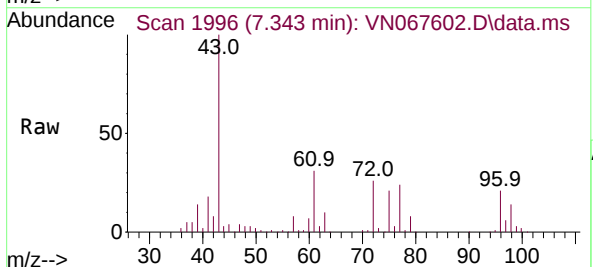
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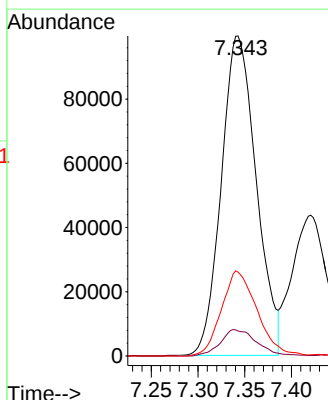
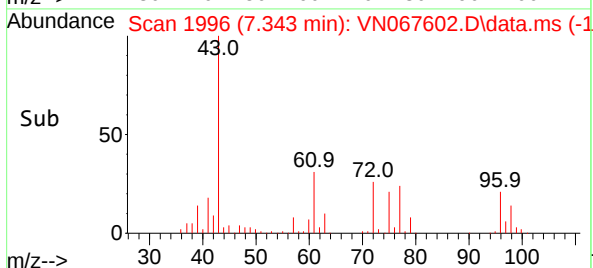


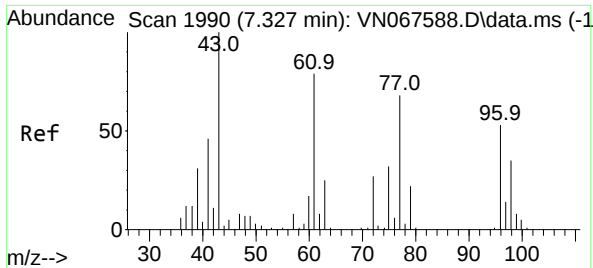
#30

2-Butanone
Concen: 94.278 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



Tgt Ion:	43	Resp:	259021
Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.9	10.3
72	27.2	20.0	30.0





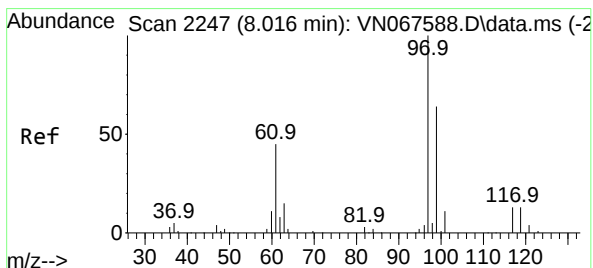
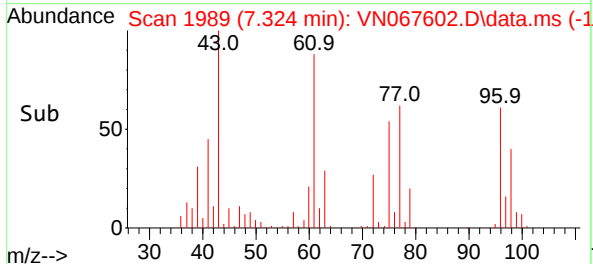
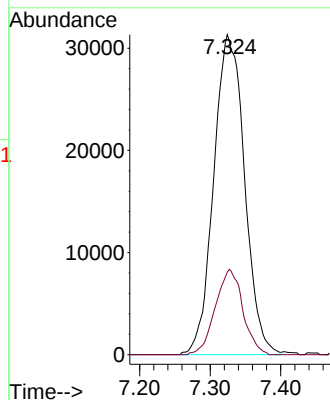
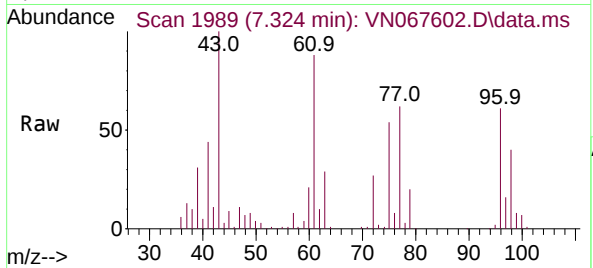
#31
2,2-Dichloropropane
Concen: 14.849 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 77 Resp: 95176
Ion Ratio Lower Upper
77 100
97 23.7 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

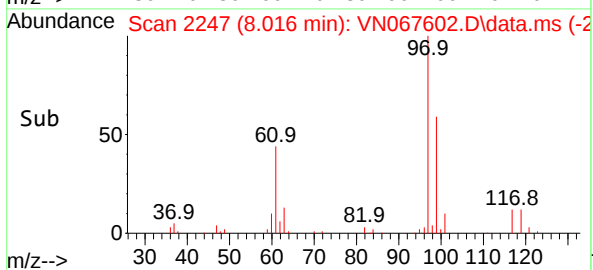
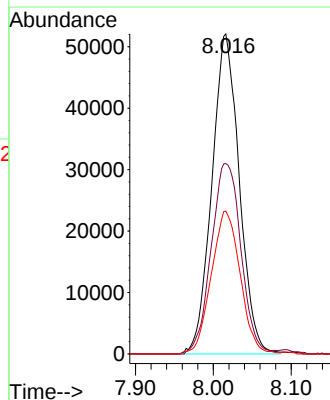
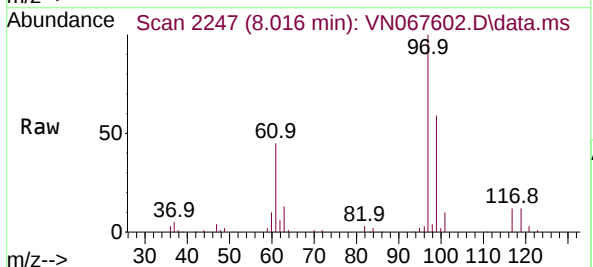
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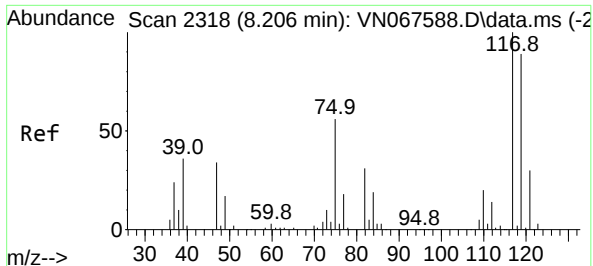
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#32
1,1,1-Trichloroethane
Concen: 16.872 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

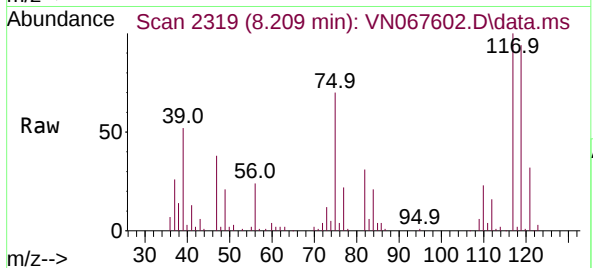
Tgt Ion: 97 Resp: 127300
Ion Ratio Lower Upper
97 100
99 64.5 49.7 74.5
61 46.8 38.0 57.0





#33
Carbon Tetrachloride
Concen: 16.186 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

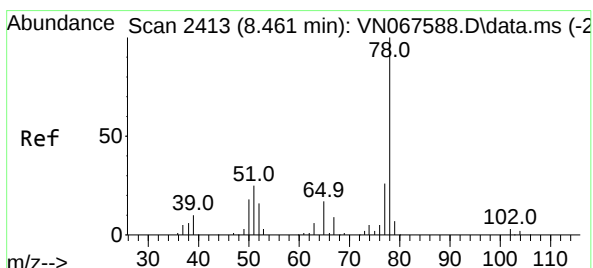
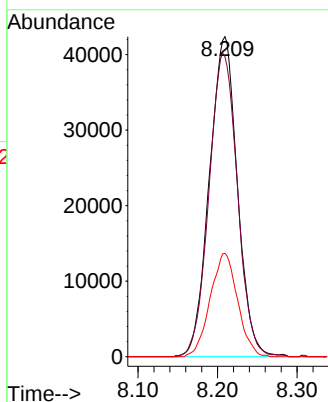
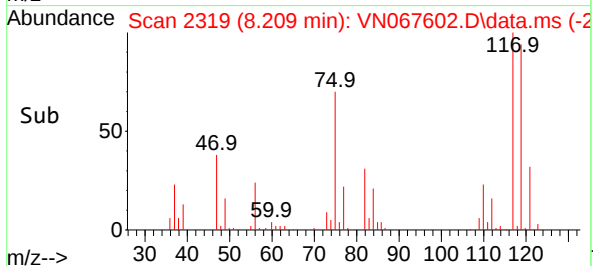
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



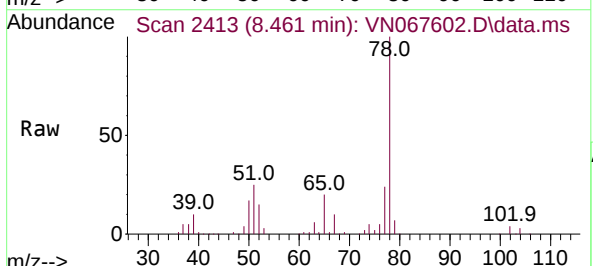
Tgt Ion:117 Resp: 103524
Ion Ratio Lower Upper
117 100
119 93.4 73.3 109.9
121 32.3 24.2 36.4

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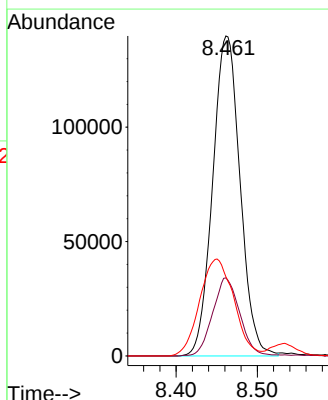
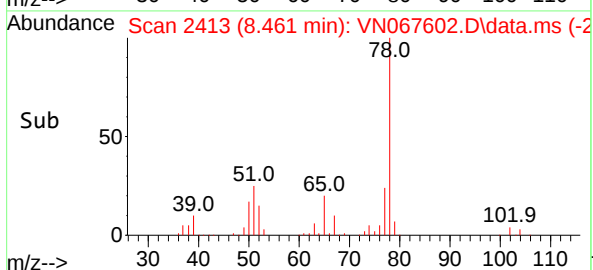
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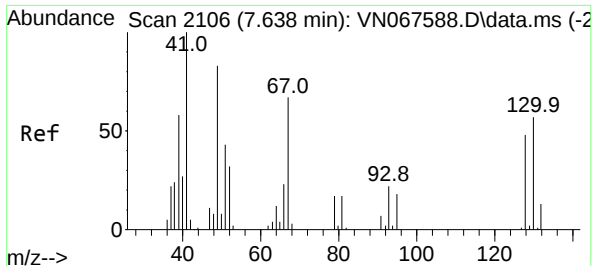


#34
Benzene
Concen: 17.689 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



Tgt Ion: 78 Resp: 328334
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0
51 23.8 20.0 30.0





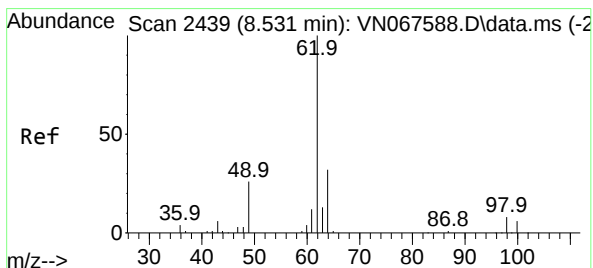
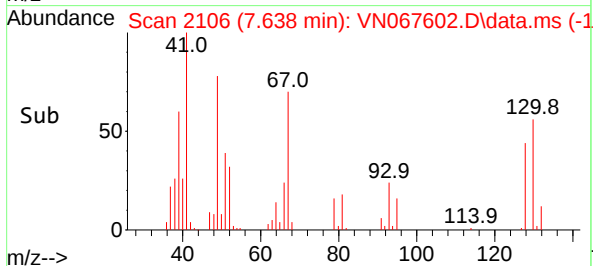
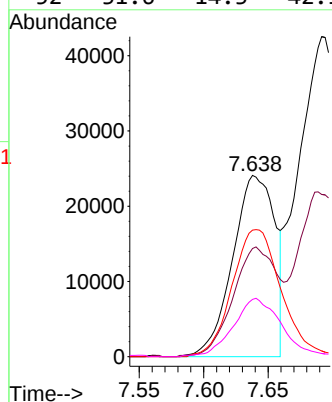
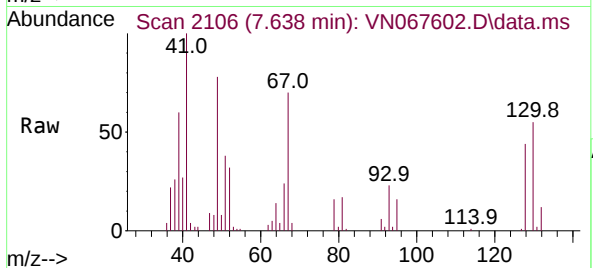
#35
Methacrylonitrile
Concen: 18.384 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:	41	Resp:	54929
Ion	Ratio	Lower	Upper
41	100		
39	59.0	30.3	90.9
67	69.8	32.1	96.3
52	31.6	14.3	42.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

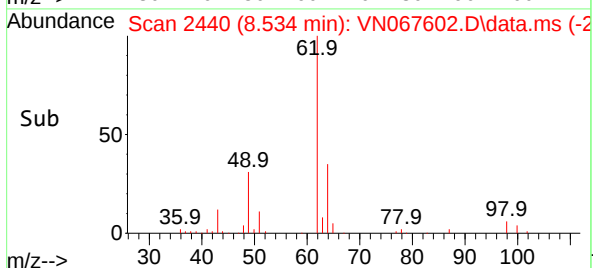
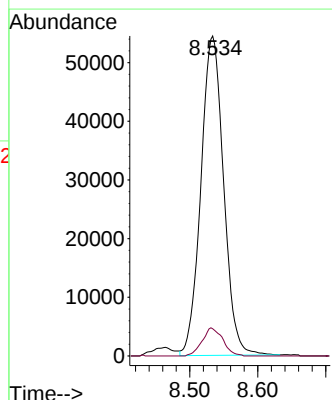
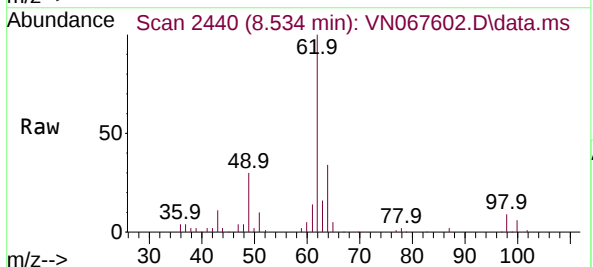
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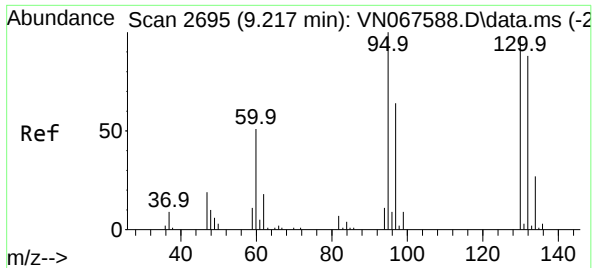
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#36
1,2-Dichloroethane
Concen: 18.511 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:	62	Resp:	126396
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.0	9.0





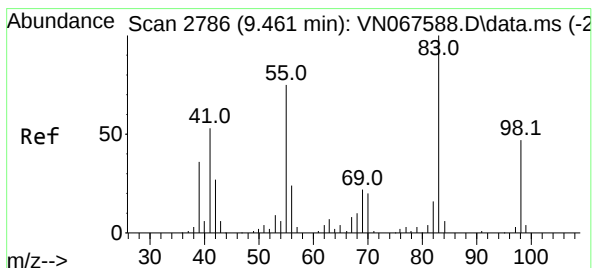
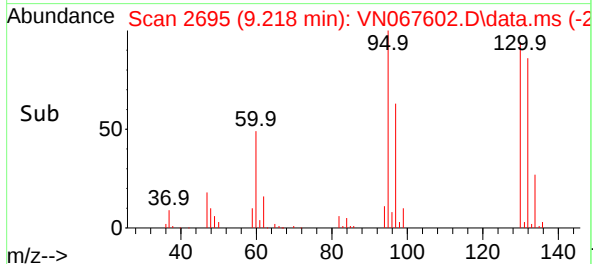
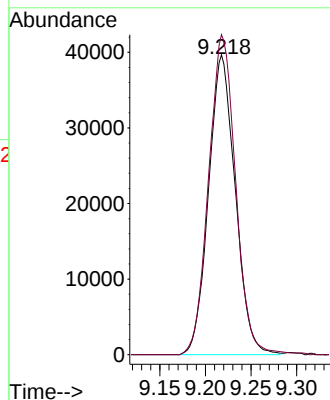
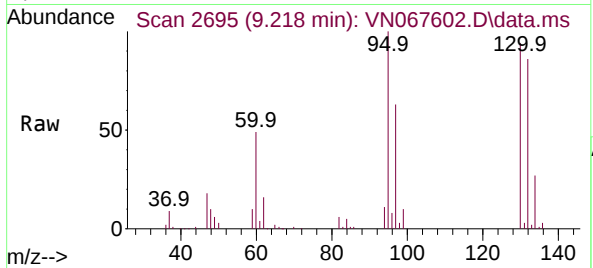
#37
Trichloroethene
Concen: 17.387 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:130 Resp: 80773
Ion Ratio Lower Upper
130 100
95 106.7 92.2 138.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

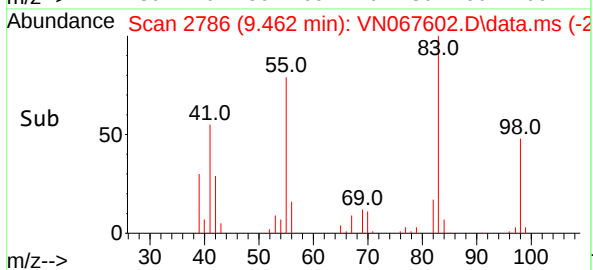
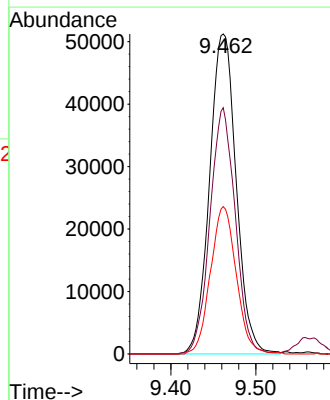
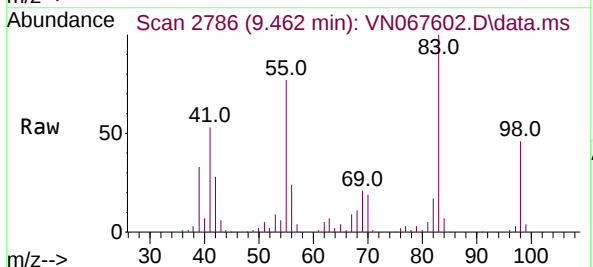
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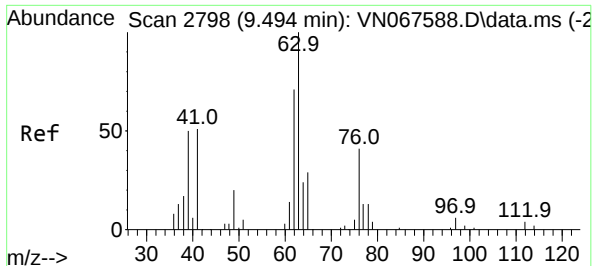
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#38
Methylcyclohexane
Concen: 16.687 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 83 Resp: 111692
Ion Ratio Lower Upper
83 100
55 73.1 41.5 124.6
98 44.6 22.4 67.0





#39

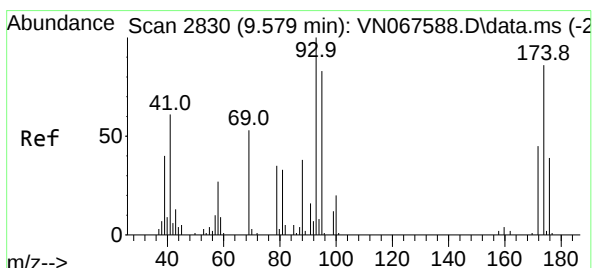
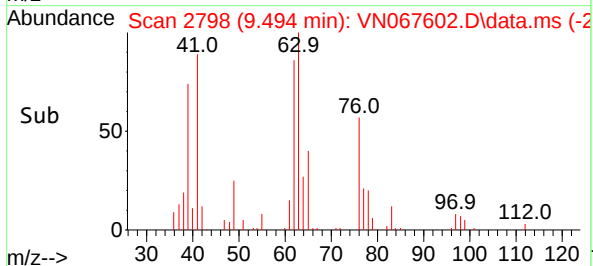
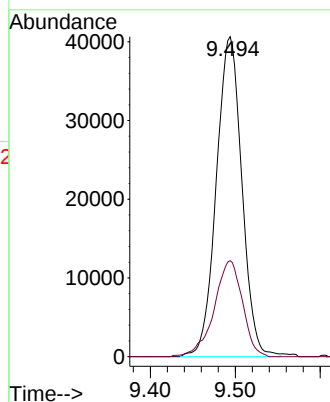
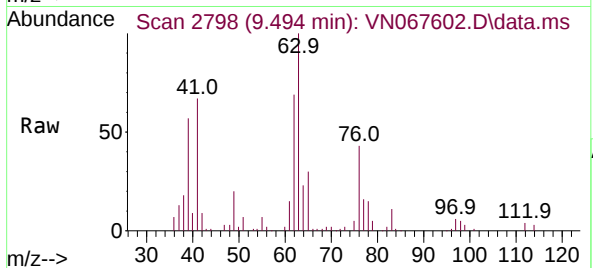
1,2-Dichloropropane
Concen: 18.296 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 84900
Ion Ratio Lower Upper
63 100
65 30.0 24.5 36.7

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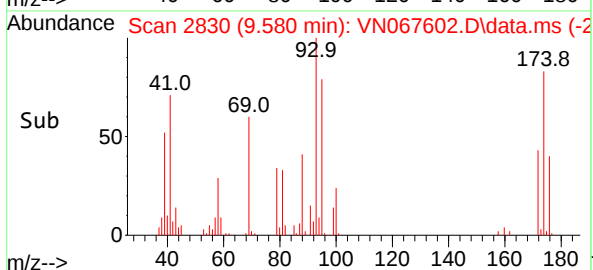
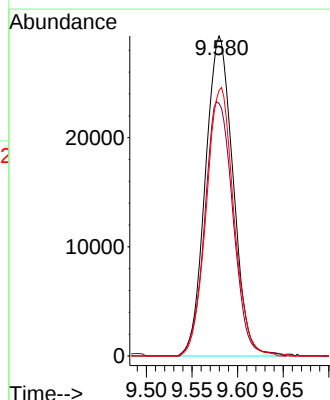
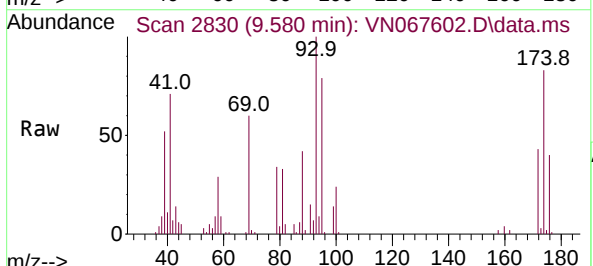
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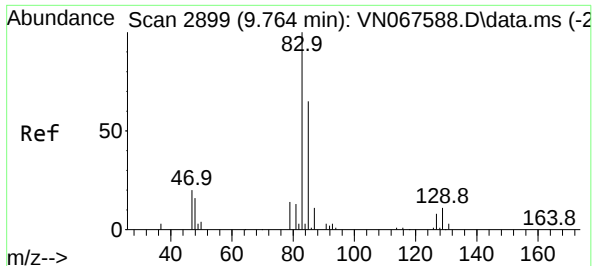


#40

Dibromomethane
Concen: 18.007 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

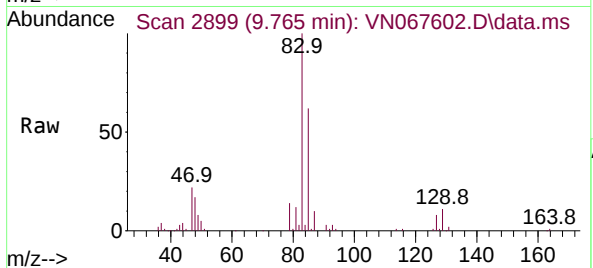
Tgt Ion: 93 Resp: 61788
Ion Ratio Lower Upper
93 100
95 81.2 0.0 167.6
174 83.8 0.0 148.4





#41
Bromodichloromethane
Concen: 17.540 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

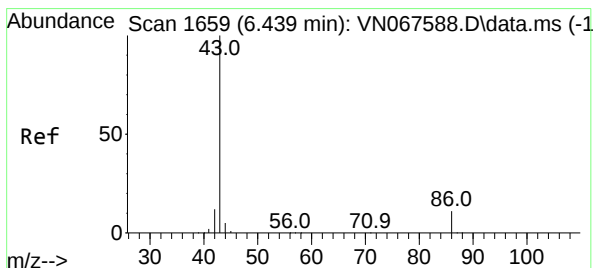
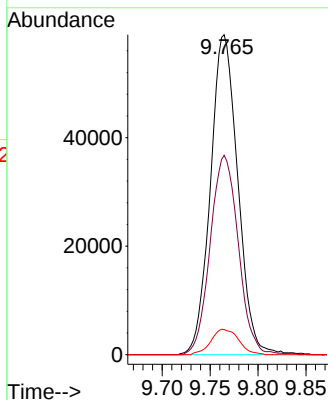
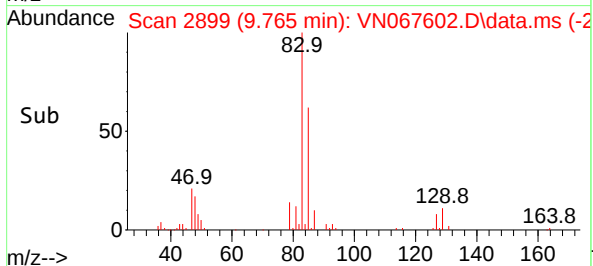
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



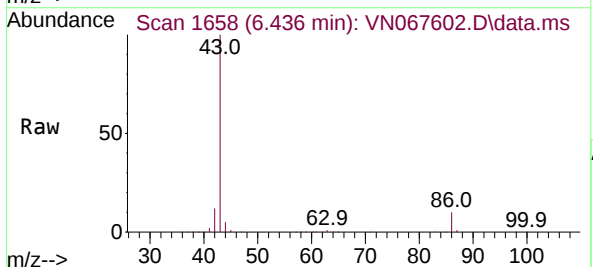
Tgt Ion: 83 Resp: 116792
Ion Ratio Lower Upper
83 100
85 62.3 51.2 76.8
127 7.9 6.6 9.8

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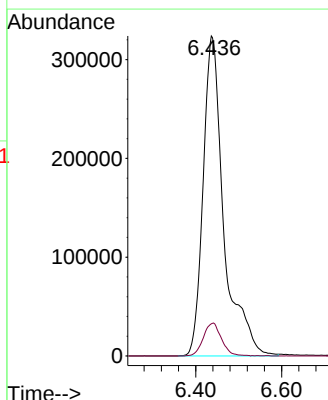
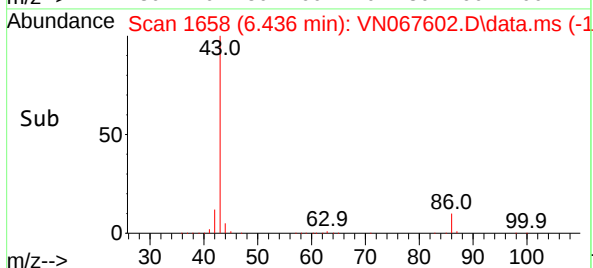
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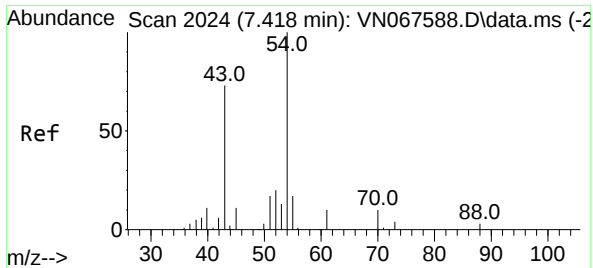


#42
Vinyl Acetate
Concen: 89.978 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



Tgt Ion: 43 Resp: 1082723
Ion Ratio Lower Upper
43 100
86 9.0 6.4 9.6





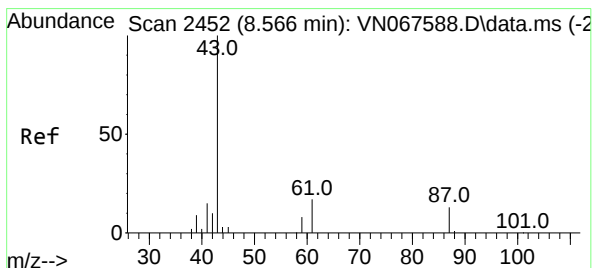
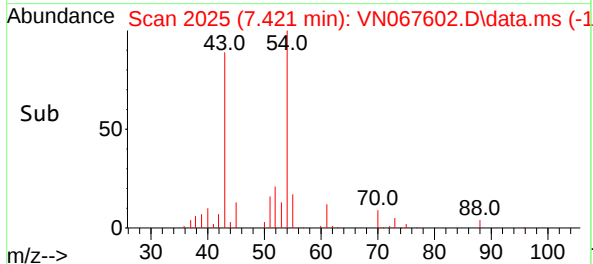
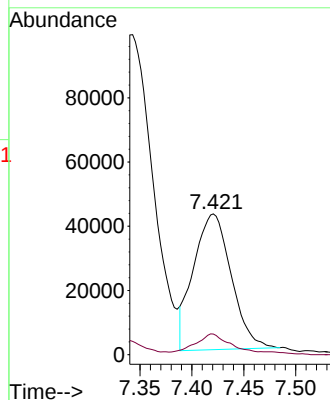
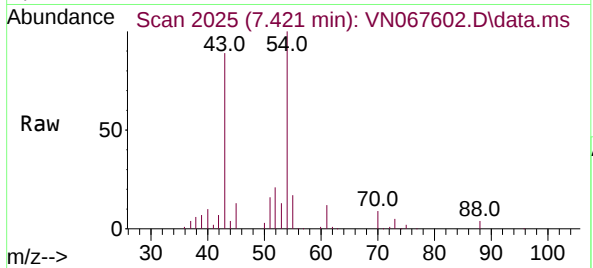
#43
Ethyl Acetate
Concen: 17.949 ug/l
RT: 7.421 min Scan# 2025
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 43 Resp: 107037
Ion Ratio Lower Upper
43 100
45 11.8 1.0 1.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

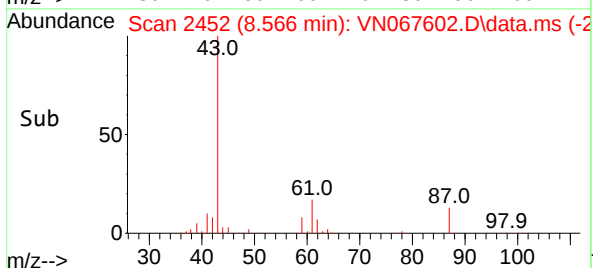
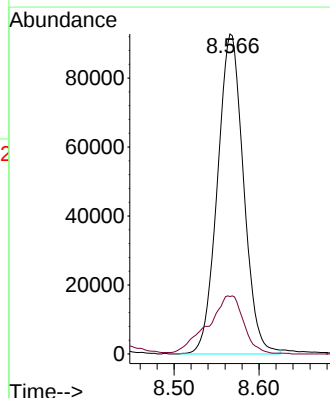
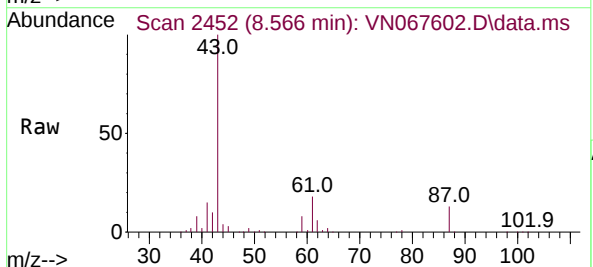
Manual Integrations
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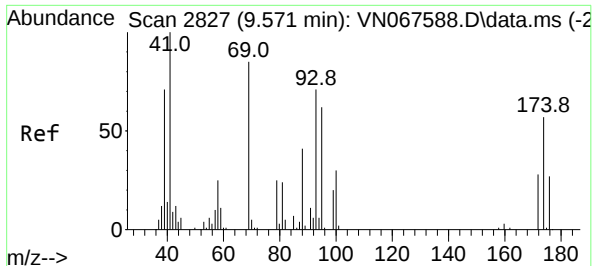
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#44
Isopropyl Acetate
Concen: 18.728 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 43 Resp: 197894
Ion Ratio Lower Upper
43 100
61 4.1 19.0 28.6#





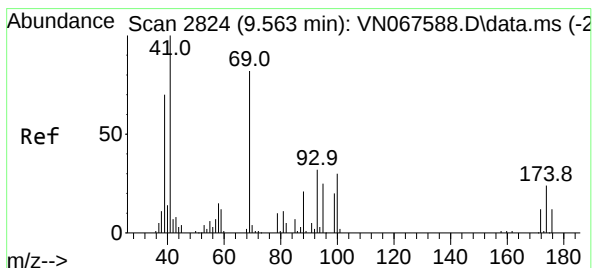
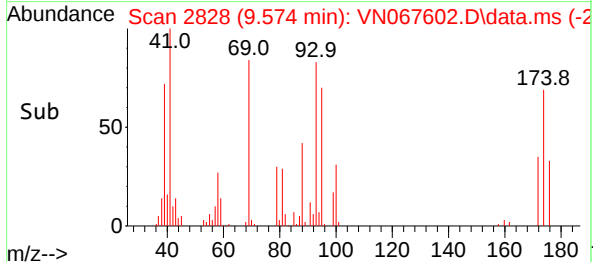
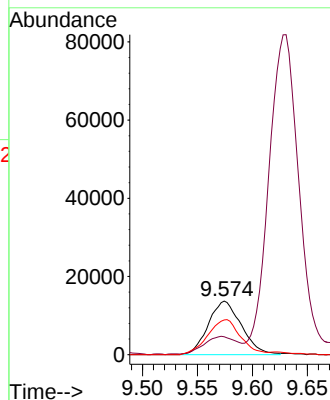
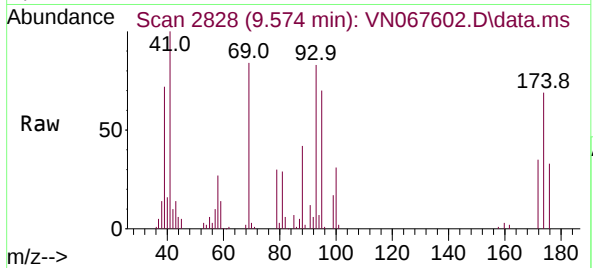
#45
1,4-Dioxane
Concen: 347.208 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 88 Resp: 28777
Ion Ratio Lower Upper
88 100
43 31.6 18.0 27.0#
58 64.7 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

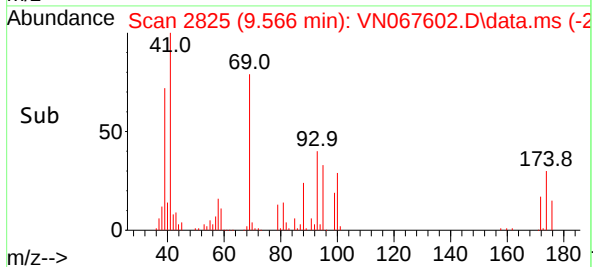
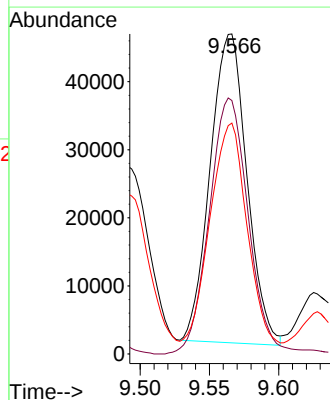
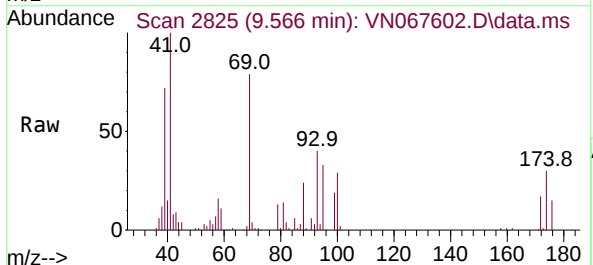
Manual Integrations
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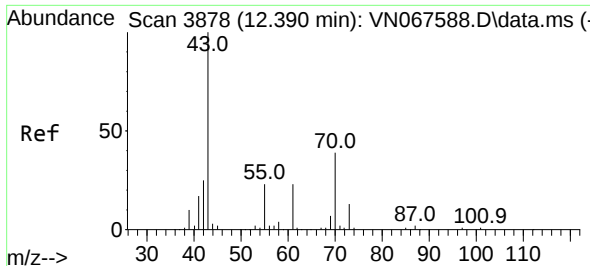
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#46
Methyl methacrylate
Concen: 18.456 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 41 Resp: 83539
Ion Ratio Lower Upper
41 100
69 80.9 38.0 114.1
39 71.8 33.9 101.7





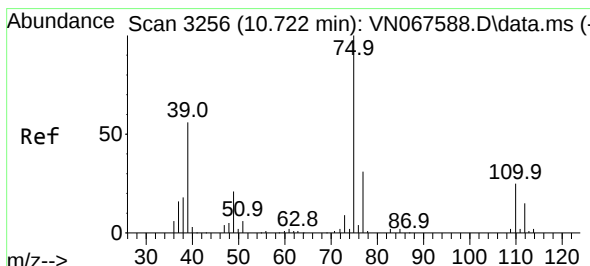
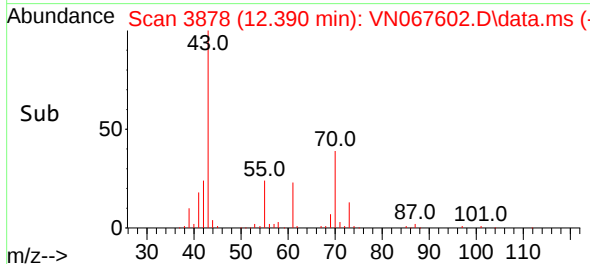
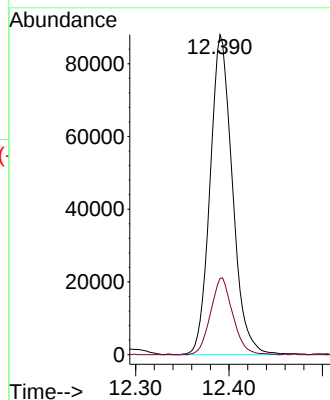
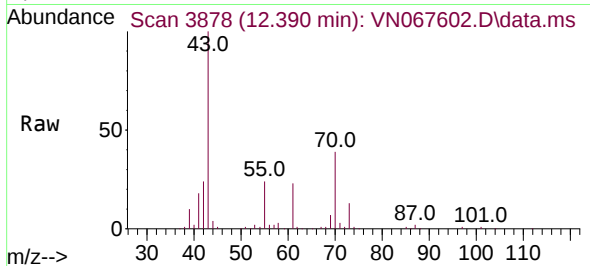
#47
n-amyl Acetate
Concen: 16.459 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 43 Resp: 146268
Ion Ratio Lower Upper
43 100
55 23.9 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

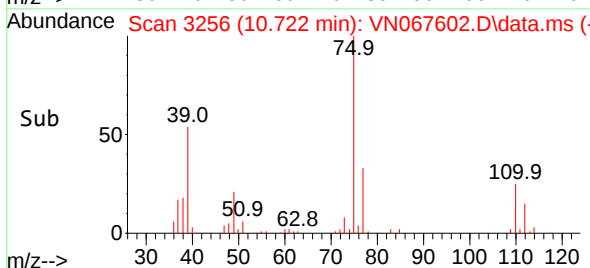
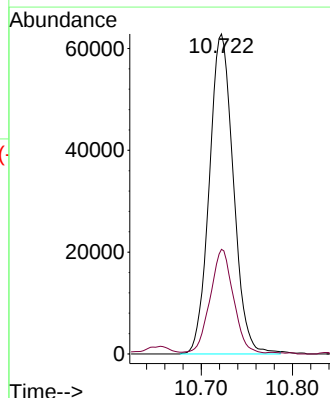
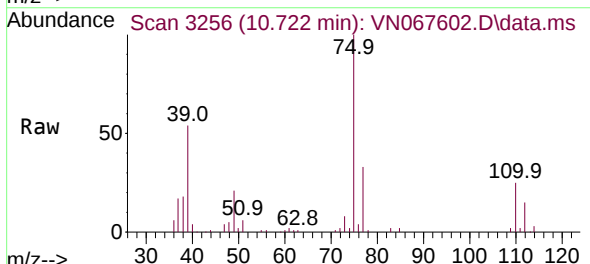
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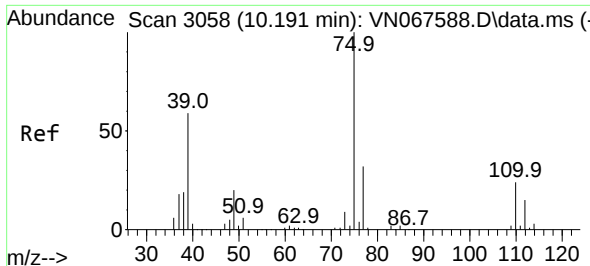
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#48
t-1,3-Dichloropropene
Concen: 16.085 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 75 Resp: 115229
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0





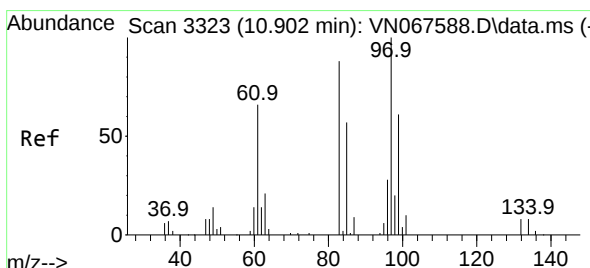
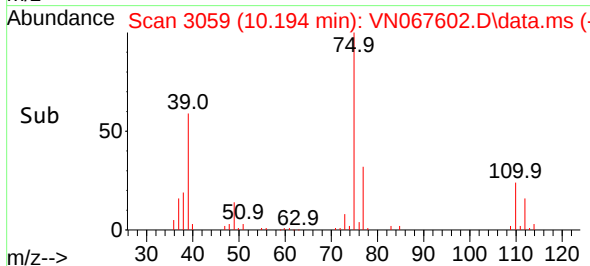
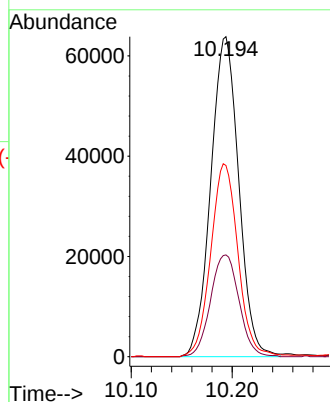
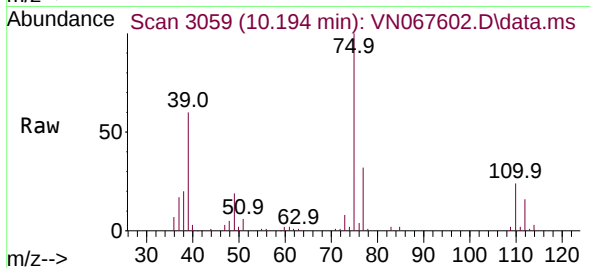
#49
cis-1,3-Dichloropropene
Concen: 16.249 ug/l
RT: 10.194 min Scan# 3059
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 122711
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
39 59.8 50.6 76.0

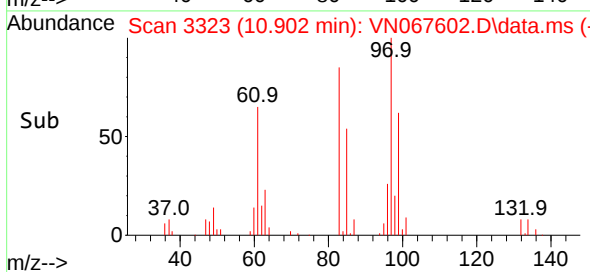
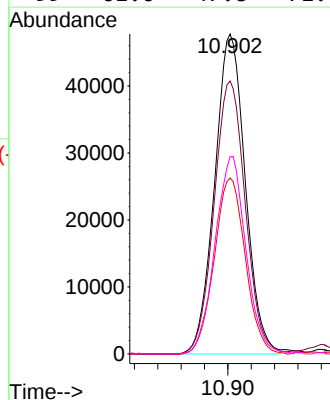
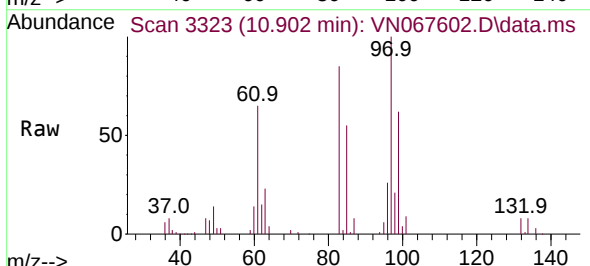
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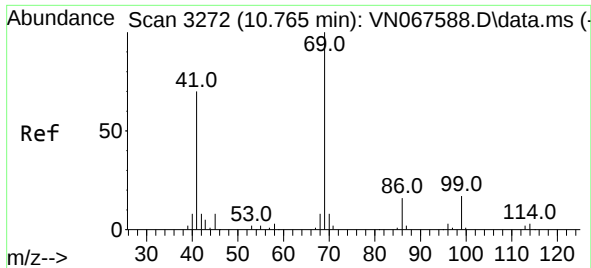
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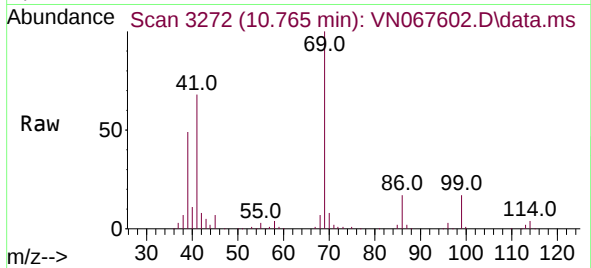
#50
1,1,2-Trichloroethane
Concen: 17.927 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 97 Resp: 86911
Ion Ratio Lower Upper
97 100
83 85.3 69.6 104.4
85 55.0 45.2 67.8
99 61.6 47.8 71.6

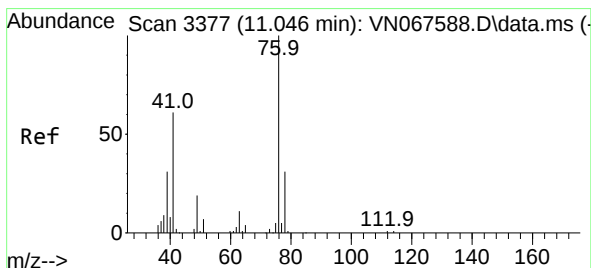
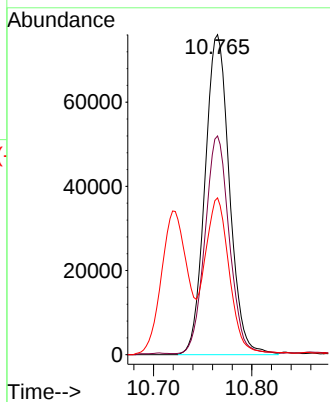
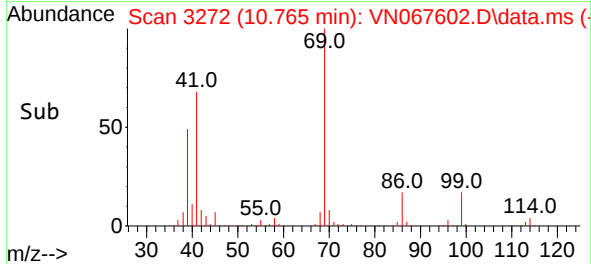




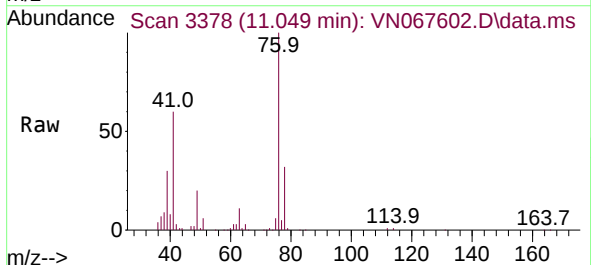
#51
Ethyl methacrylate
Concen: 17.225 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



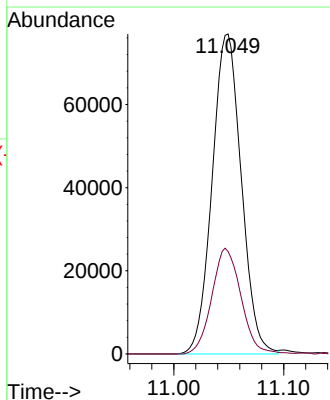
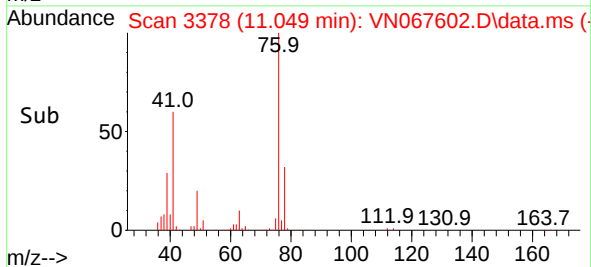
Tgt Ion: 69 Resp: 131574
Ion Ratio Lower Upper
69 100
41 68.0 36.8 110.4
39 48.4 23.8 71.2



#52
1,3-Dichloropropane
Concen: 17.682 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



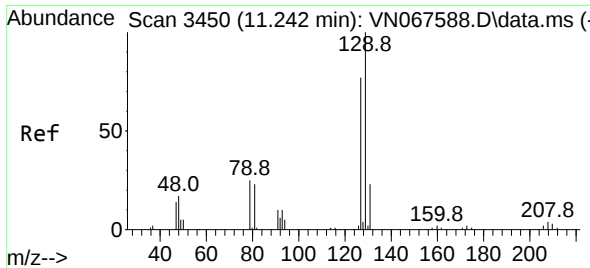
Tgt Ion: 76 Resp: 141610
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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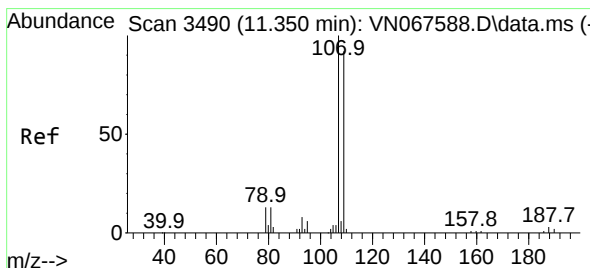
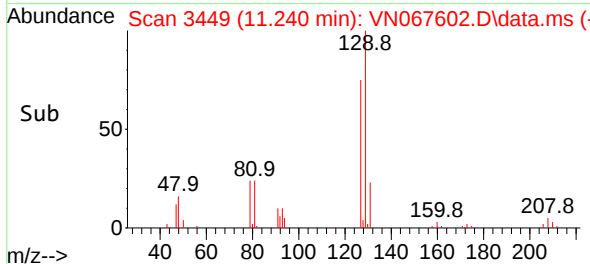
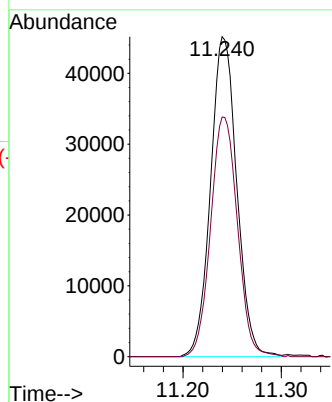
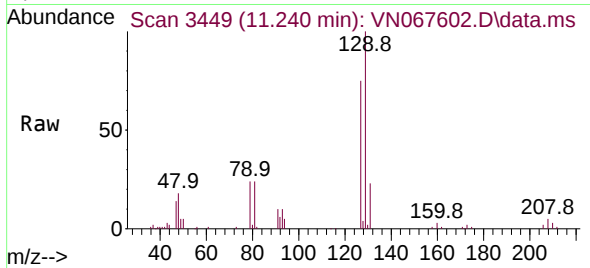
#53
Dibromochloromethane
Concen: 16.047 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 83832
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4

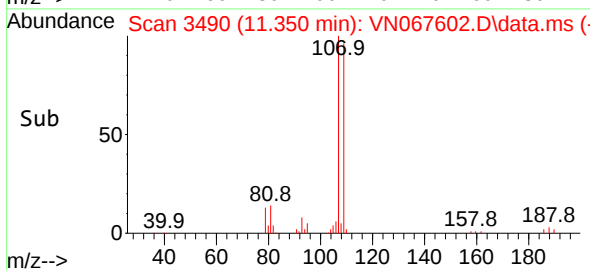
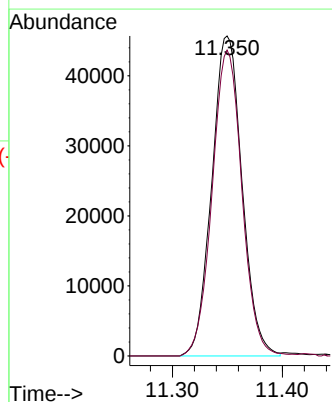
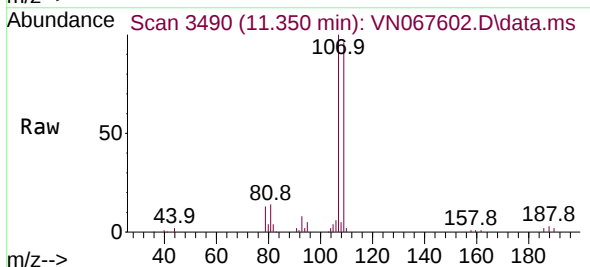
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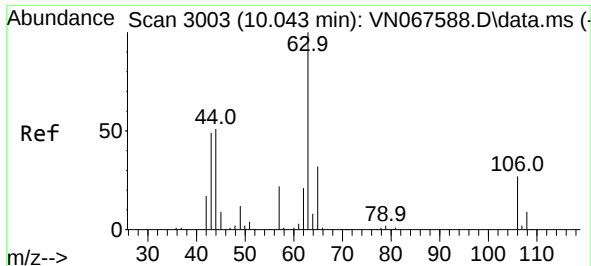
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#54
1,2-Dibromoethane
Concen: 17.294 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:107 Resp: 87486
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6





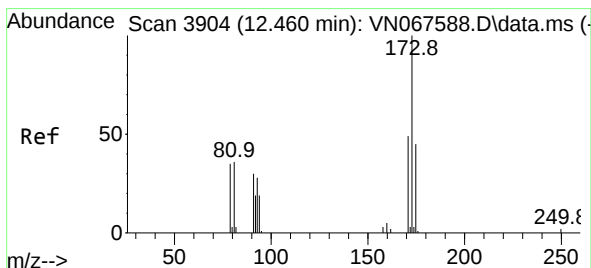
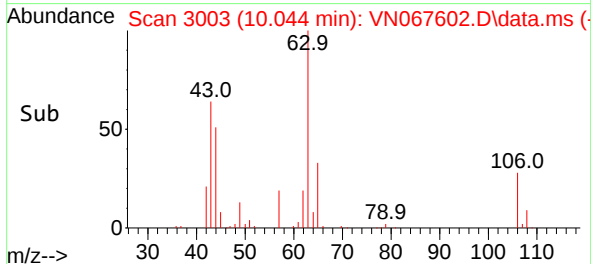
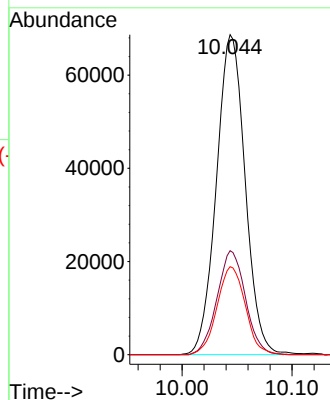
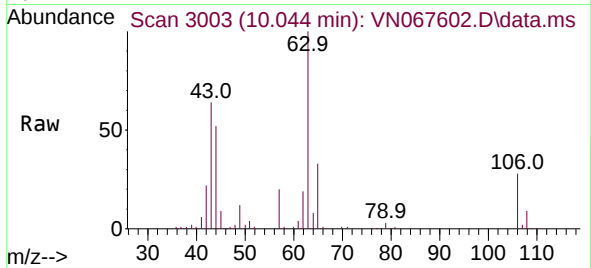
#55
2-Chloroethyl vinyl ether
Concen: 76.655 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 63 Resp: 124552
Ion Ratio Lower Upper
63 100
65 32.2 25.6 38.4
106 27.1 20.0 30.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

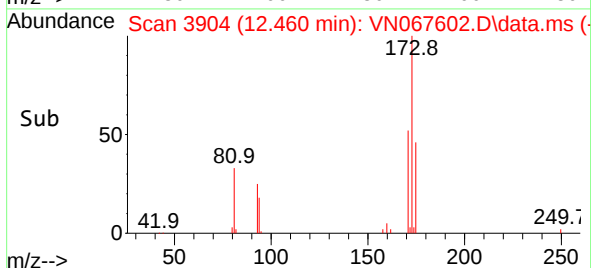
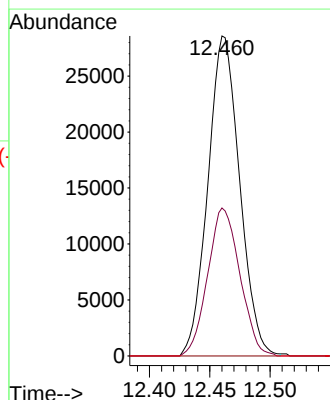
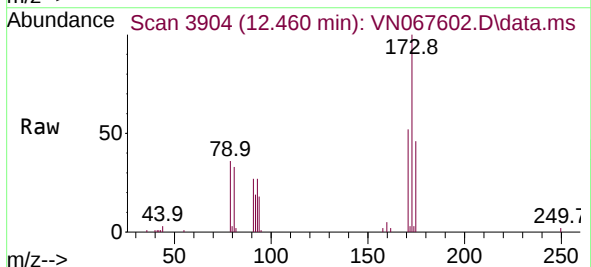
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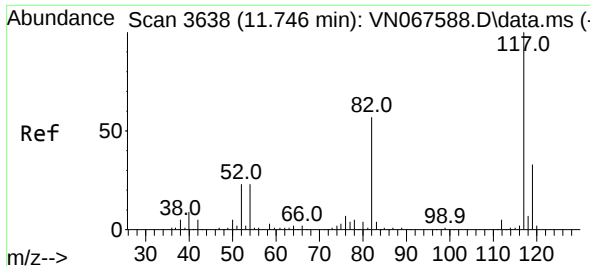
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#56
Bromoform
Concen: 14.387 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 173 Resp: 52326
Ion Ratio Lower Upper
173 100
175 46.8 39.4 59.2
254 0.0 0.0 0.0





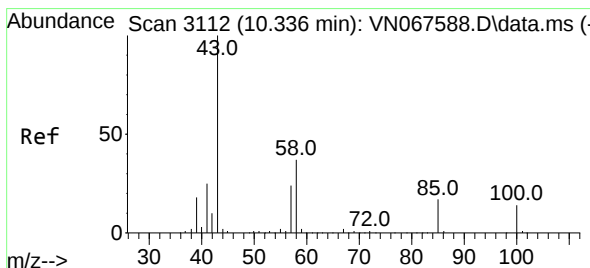
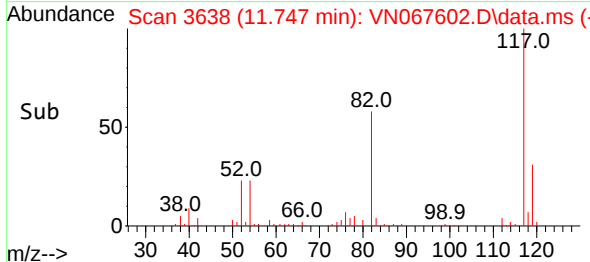
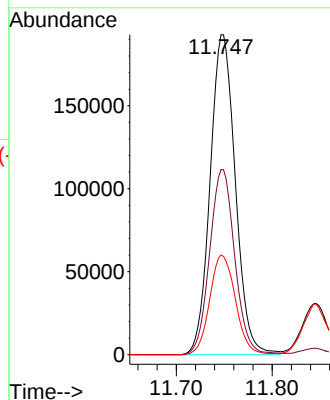
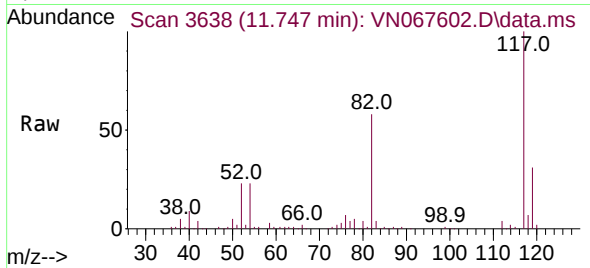
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 117 Resp: 352420
Ion Ratio Lower Upper
117 100
82 57.6 52.5 78.7
119 31.7 25.8 38.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

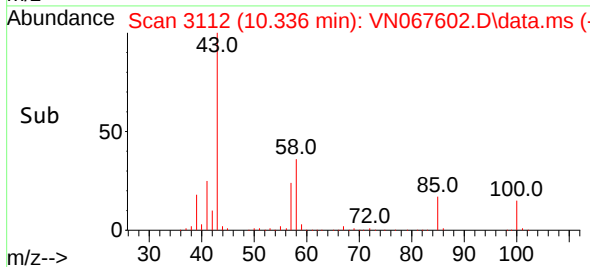
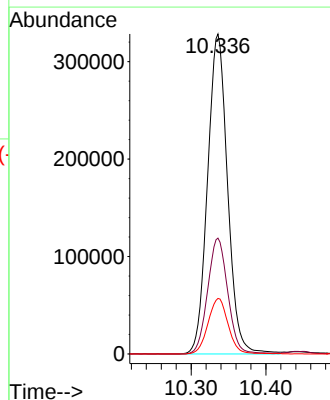
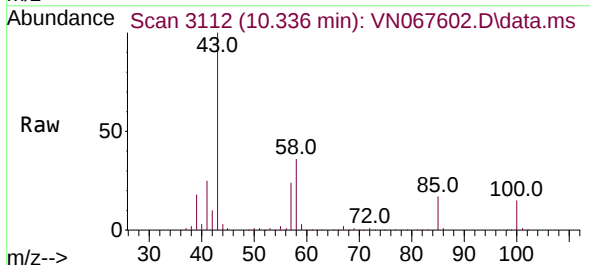
Manual Integrations
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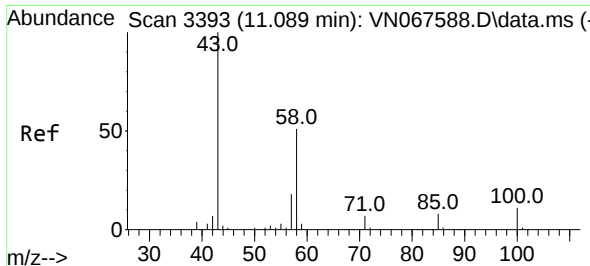
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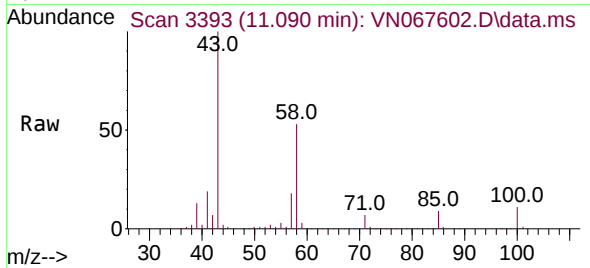
#58
4-Methyl-2-Pentanone
Concen: 99.617 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 43 Resp: 610940
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.4
85 17.4 13.2 19.8

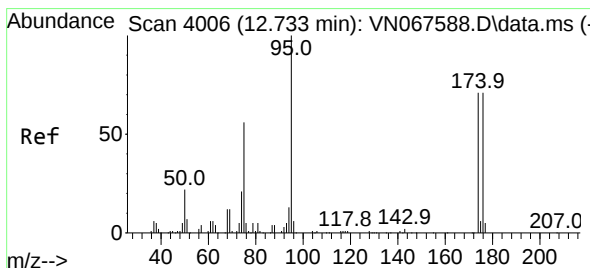
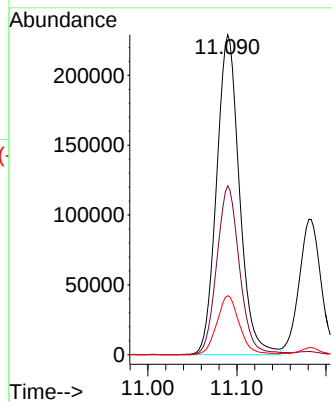
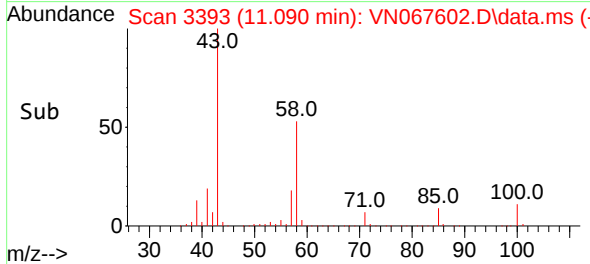




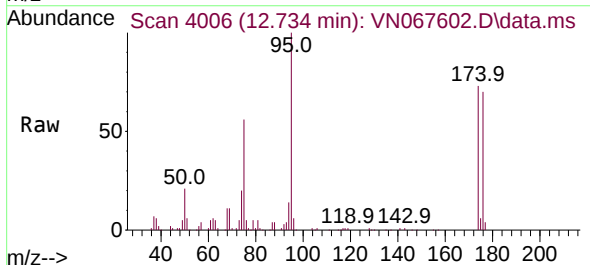
#59
2-Hexanone
Concen: 95.818 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



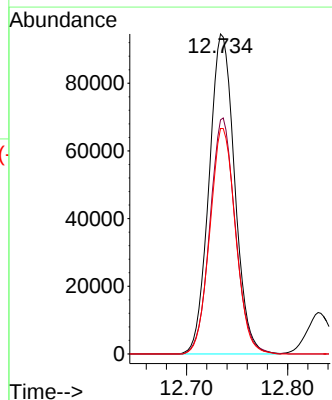
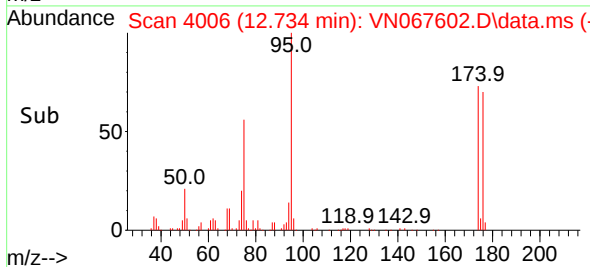
Tgt Ion: 43 Resp: 409349
Ion Ratio Lower Upper
43 100
58 52.4 39.4 59.0
57 18.2 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.999 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



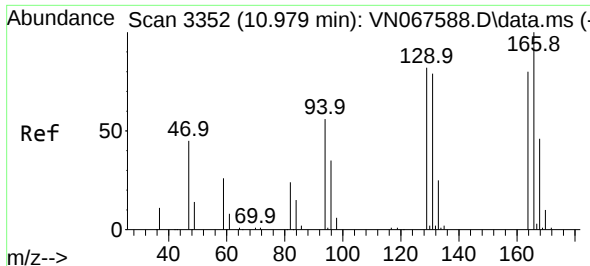
Tgt Ion: 95 Resp: 166256
Ion Ratio Lower Upper
95 100
174 73.3 47.7 71.5#
176 70.9 45.7 68.5#



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

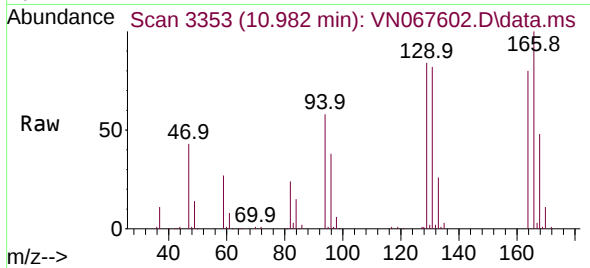
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#61
Tetrachloroethene
Concen: 17.806 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

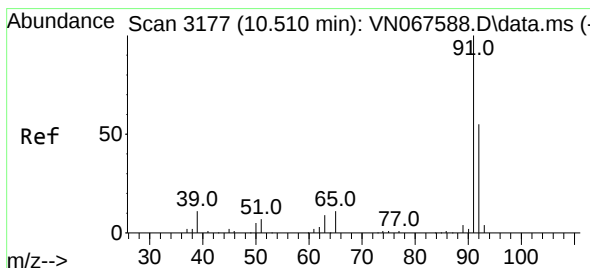
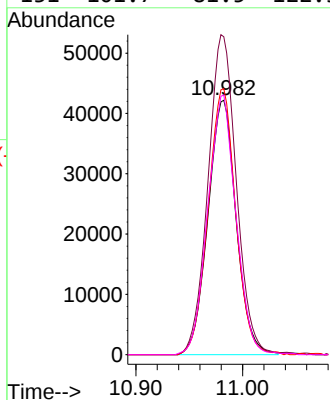
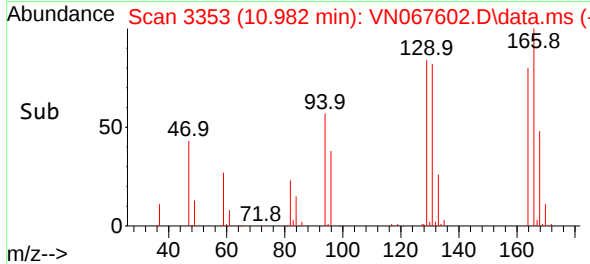
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



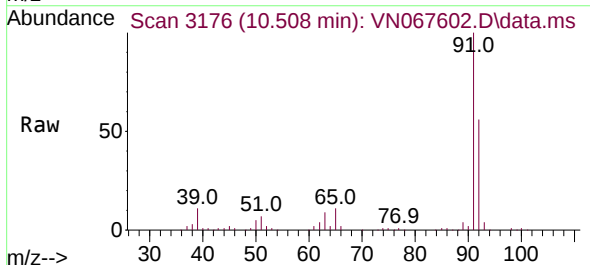
Tgt Ion:164 Resp: 77314
Ion Ratio Lower Upper
164 100
166 125.0 101.0 151.4
129 104.6 85.5 128.3
131 101.7 81.5 122.3

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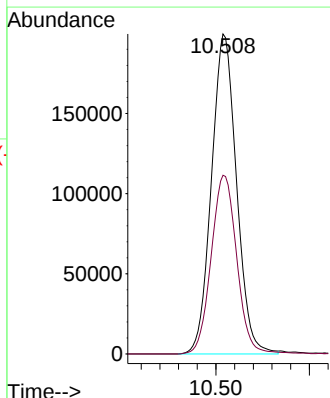
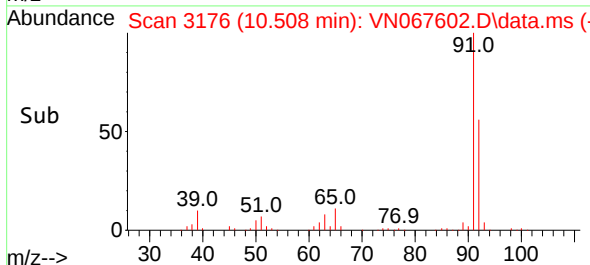
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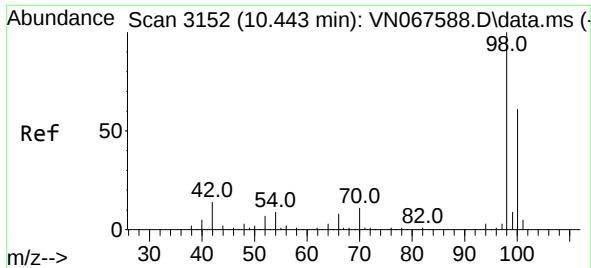


#62
Toluene
Concen: 17.941 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



Tgt Ion: 91 Resp: 371903
Ion Ratio Lower Upper
91 100
92 57.0 46.1 69.1





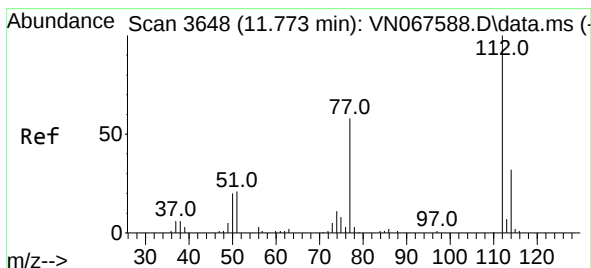
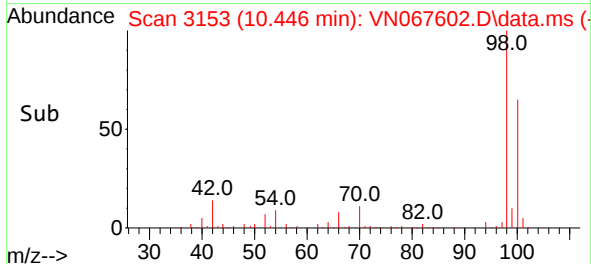
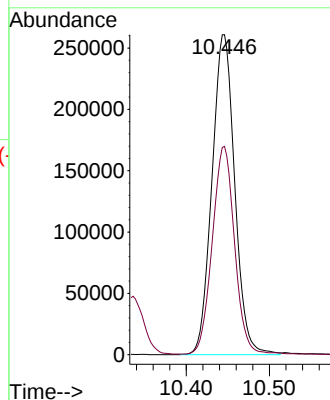
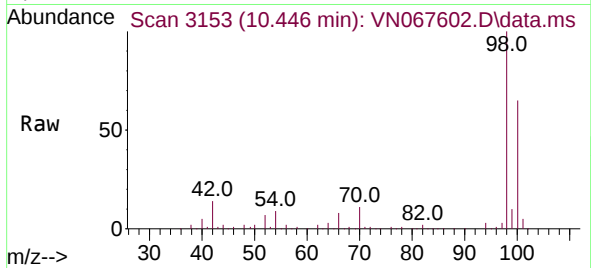
#63
Toluene-d8
Concen: 30.806 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 98 Resp: 496767
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

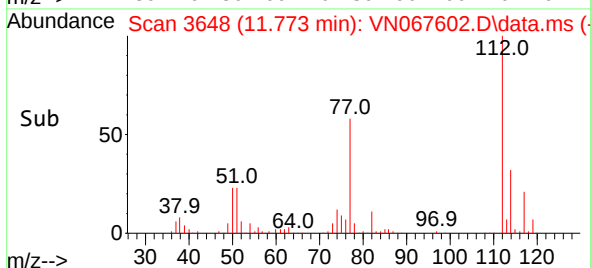
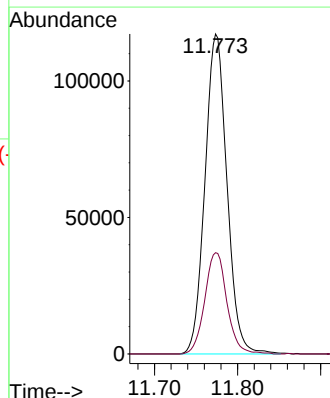
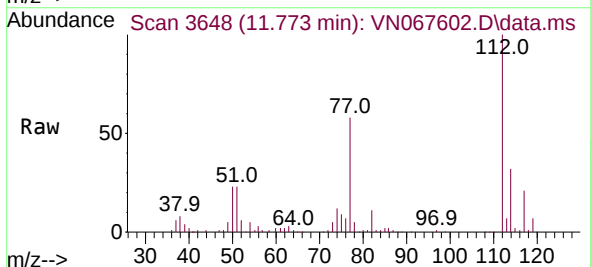
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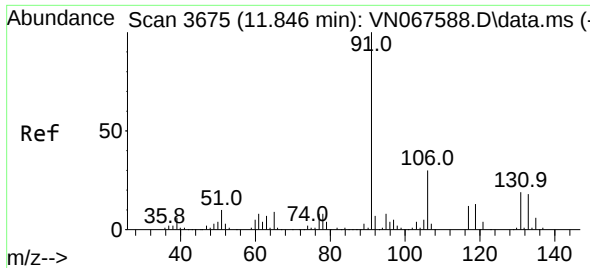
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#64
Chlorobenzene
Concen: 17.532 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 112 Resp: 215333
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0





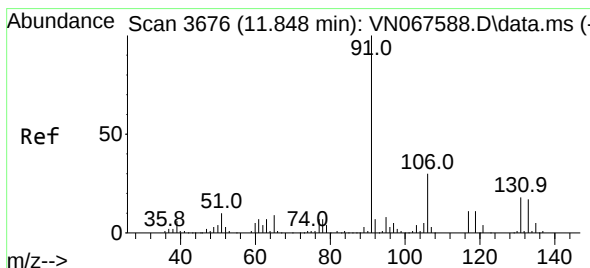
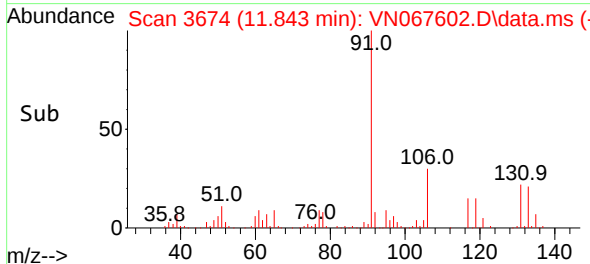
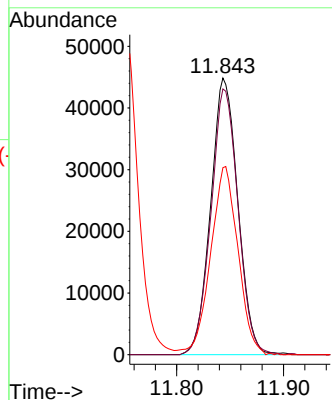
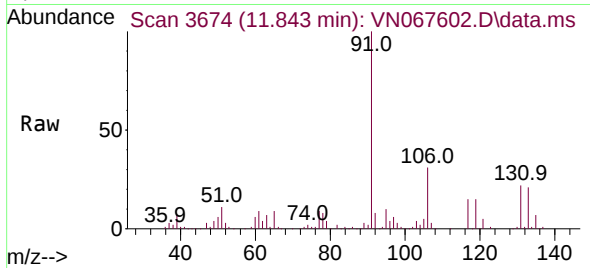
#65
1,1,1,2-Tetrachloroethane
Concen: 17.332 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:131 Resp: 79328
Ion Ratio Lower Upper
131 100
133 95.9 0.0 189.6
119 68.6 0.0 130.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

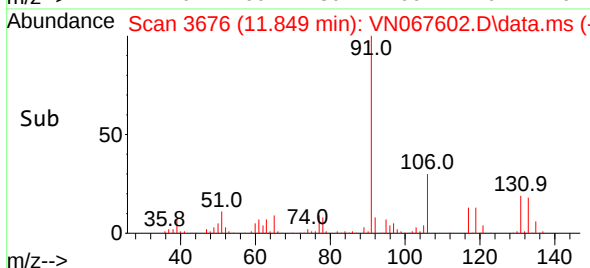
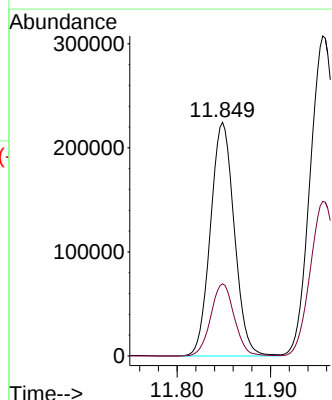
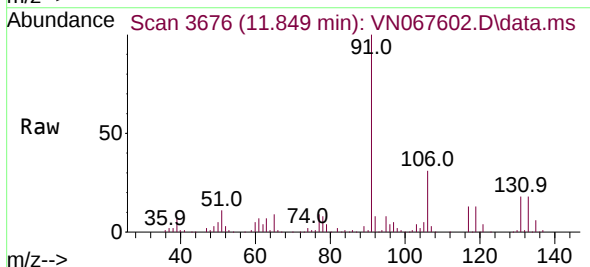
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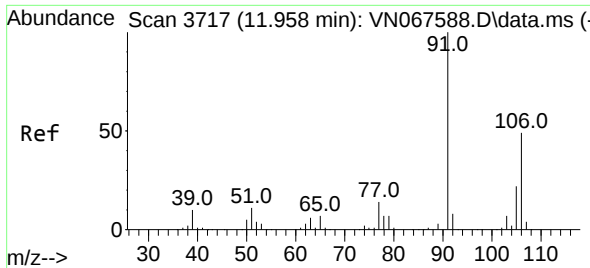
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#66
Ethyl Benzene
Concen: 17.389 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion: 91 Resp: 397269
Ion Ratio Lower Upper
91 100
106 30.9 23.4 35.0





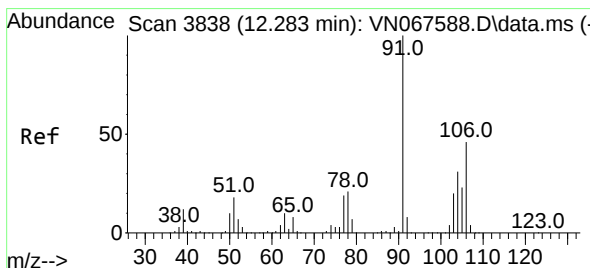
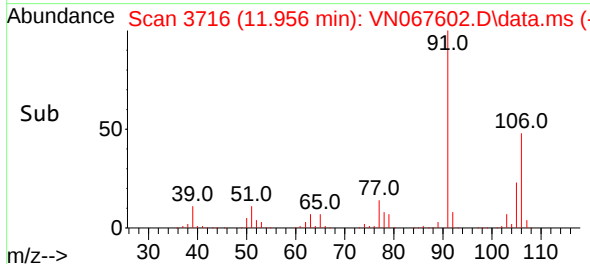
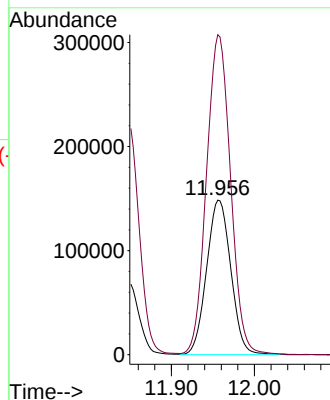
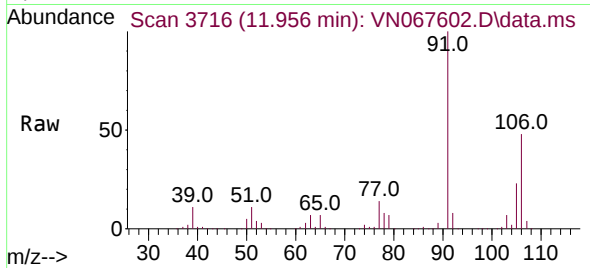
#67
m/p-Xylenes
Concen: 33.968 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:106 Resp: 301259
Ion Ratio Lower Upper
106 100
91 206.1 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

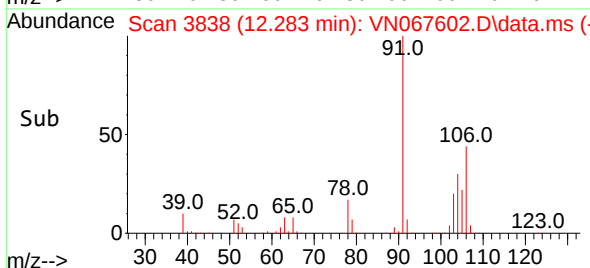
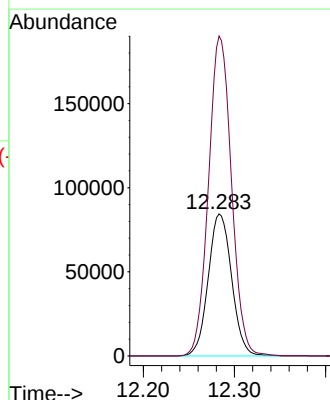
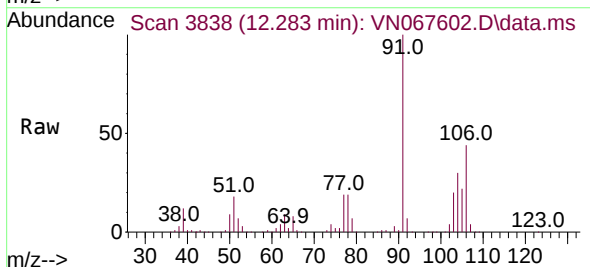
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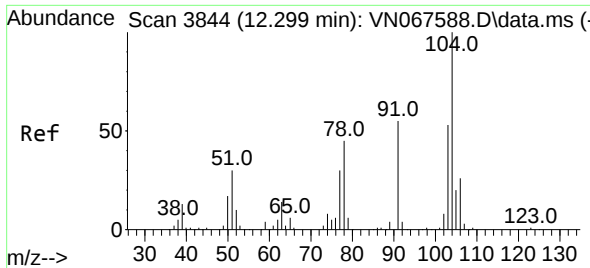
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#68
o-Xylene
Concen: 17.074 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:106 Resp: 150860
Ion Ratio Lower Upper
106 100
91 220.9 120.0 360.0





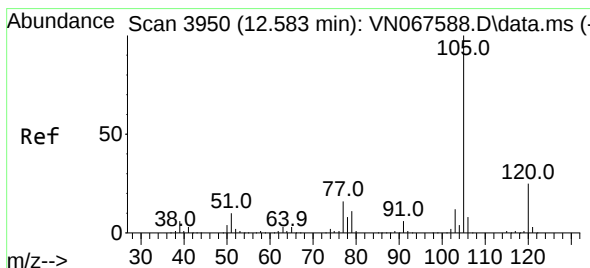
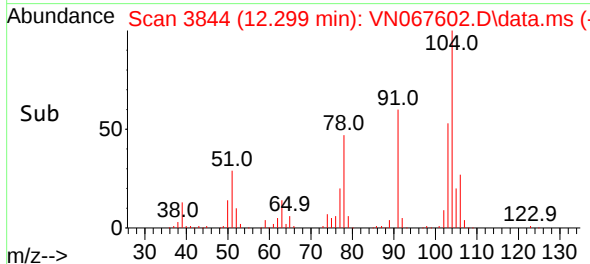
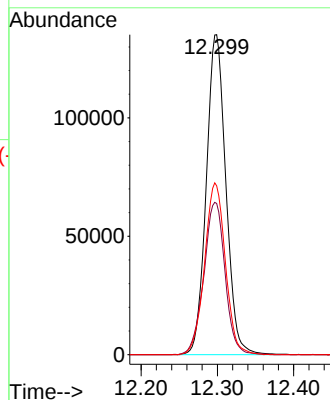
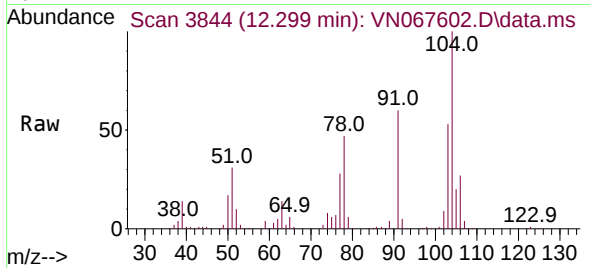
#69
Styrene
Concen: 16.633 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:104 Resp: 241373
Ion Ratio Lower Upper
104 100
78 51.5 48.2 72.2
103 57.0 44.5 66.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

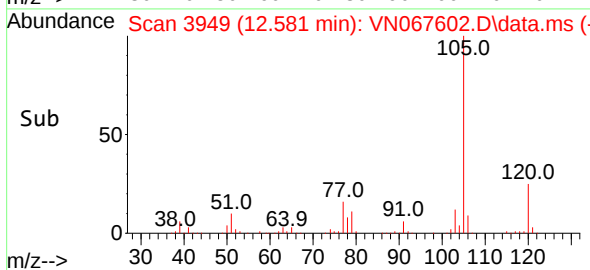
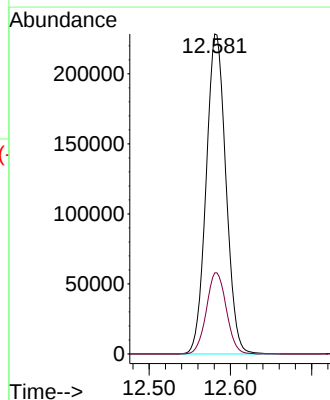
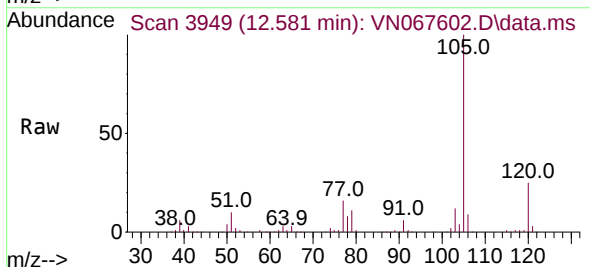
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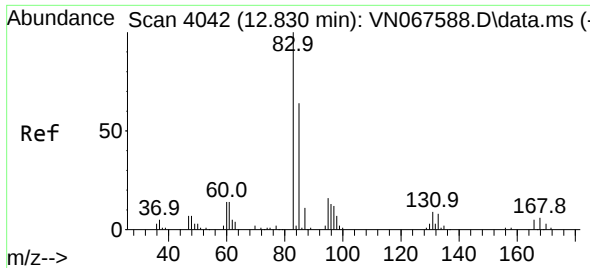
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#70
Isopropylbenzene
Concen: 17.045 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion:105 Resp: 385329
Ion Ratio Lower Upper
105 100
120 25.7 17.6 32.6





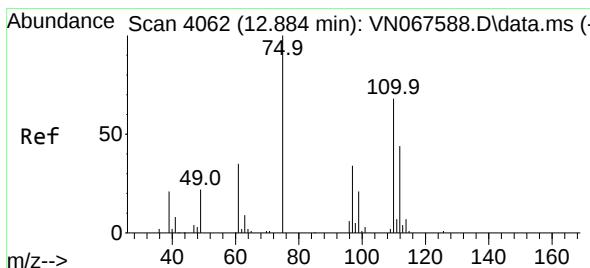
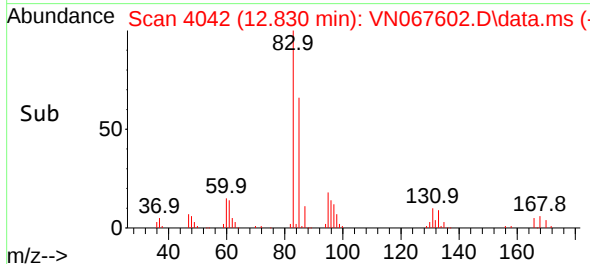
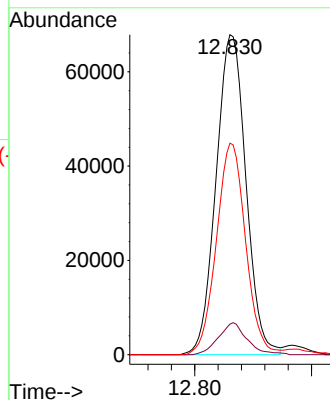
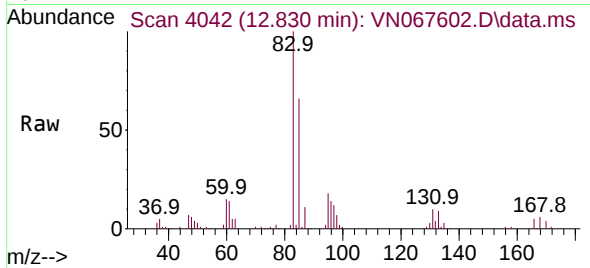
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.554 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VN067602.D
 Acq: 1 Jul 2021 17:32

Tgt Ion: 83 Resp: 120621
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.7 14.0
 85 64.4 32.2 96.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

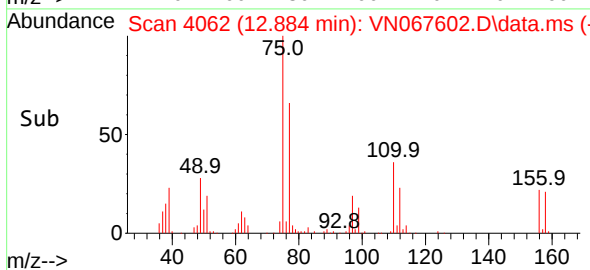
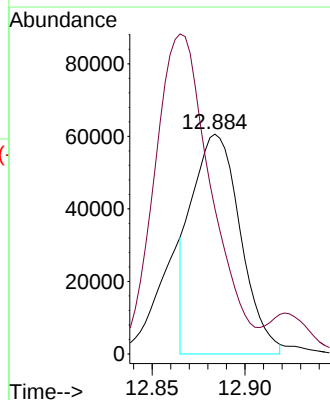
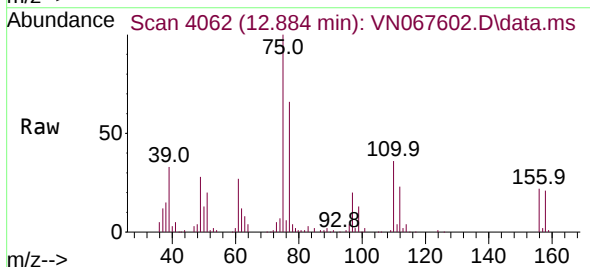
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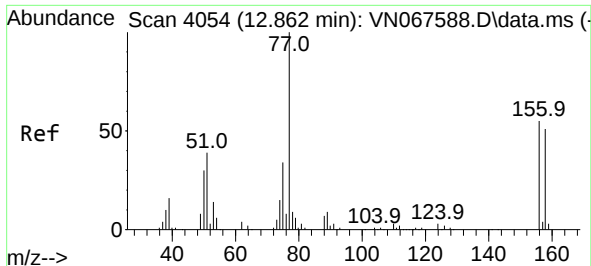
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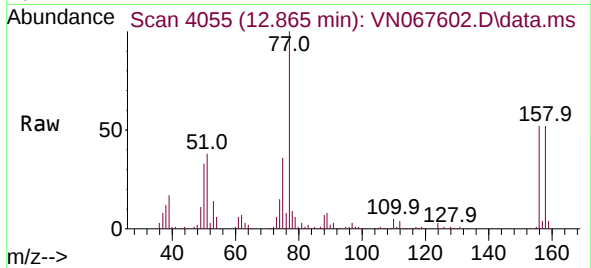
#72
 1,2,3-Trichloropropane
 Concen: 19.464 ug/l m
 RT: 12.884 min Scan# 4062
 Delta R.T. 0.000 min
 Lab File: VN067602.D
 Acq: 1 Jul 2021 17:32

Tgt Ion: 75 Resp: 110123
 Ion Ratio Lower Upper
 75 100
 77 170.6 0.0 374.2

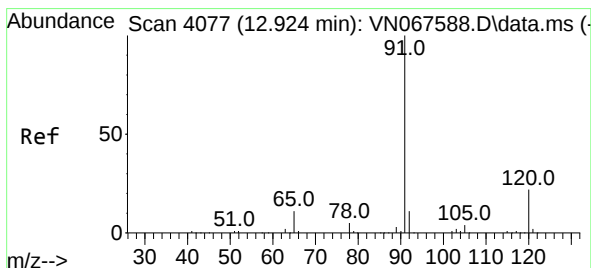
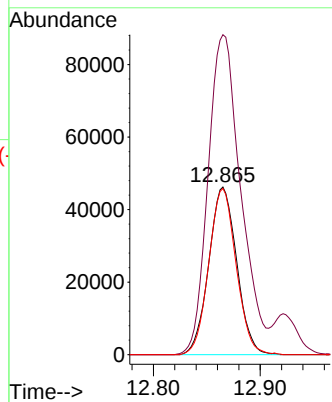
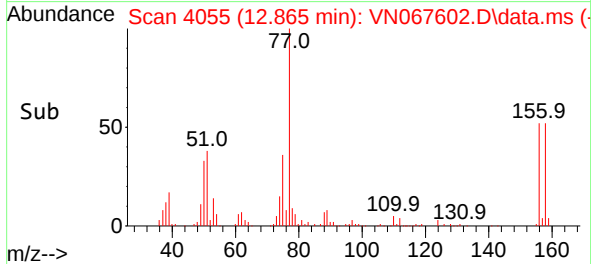




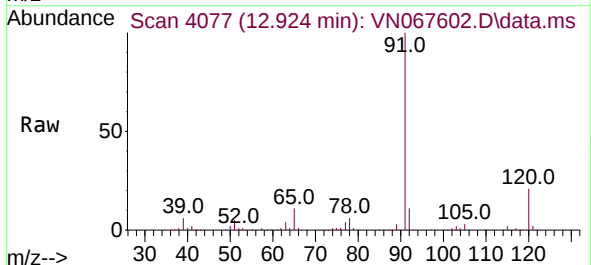
#73
Bromobenzene
Concen: 16.407 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



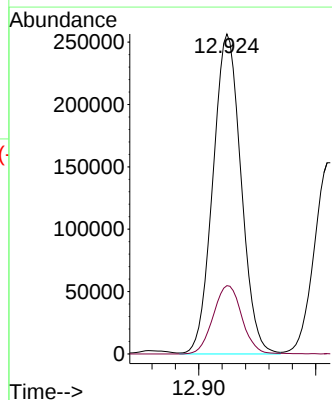
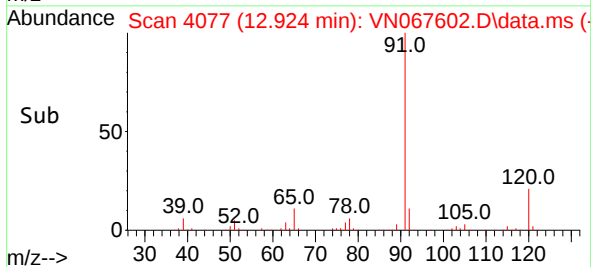
Tgt Ion:156 Resp: 84074
Ion Ratio Lower Upper
156 100
77 223.4 0.0 548.0
158 97.0 0.0 194.0



#74
n-propylbenzene
Concen: 16.809 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



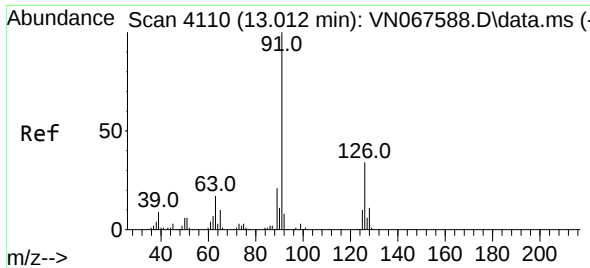
Tgt Ion: 91 Resp: 429477
Ion Ratio Lower Upper
91 100
120 21.8 0.0 41.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

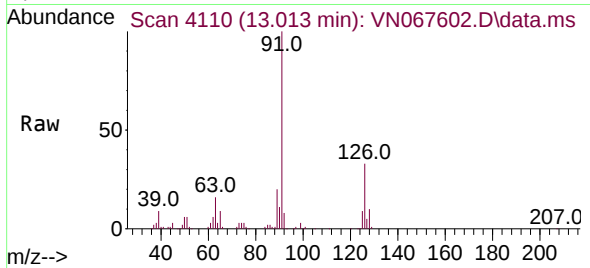
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#75
2-Chlorotoluene
Concen: 17.395 ug/l
RT: 13.013 min Scan# 4110
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

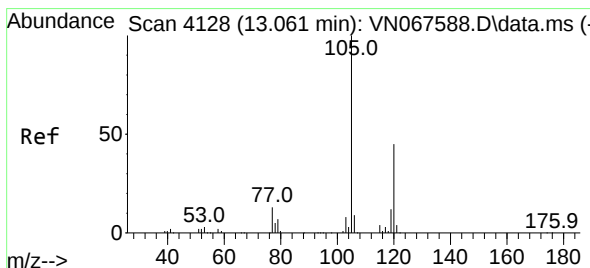
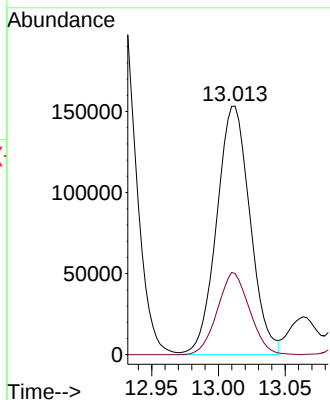
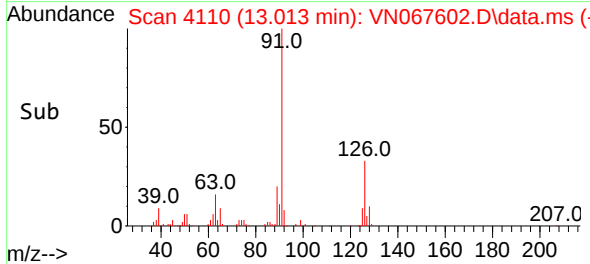
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



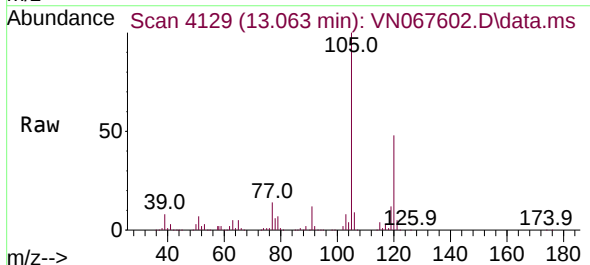
Tgt Ion: 91 Resp: 267234
Ion Ratio Lower Upper
91 100
126 31.8 0.0 0.0#

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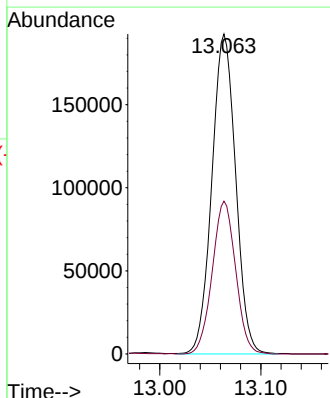
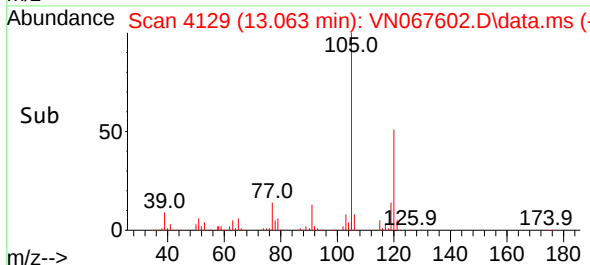
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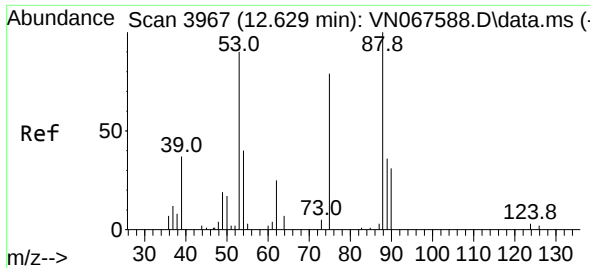


#76
1,3,5-Trimethylbenzene
Concen: 16.877 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



Tgt Ion: 105 Resp: 315067
Ion Ratio Lower Upper
105 100
120 46.8 0.0 90.2





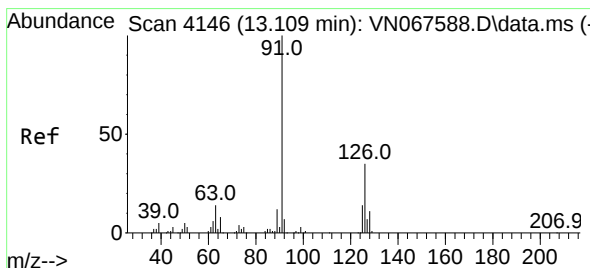
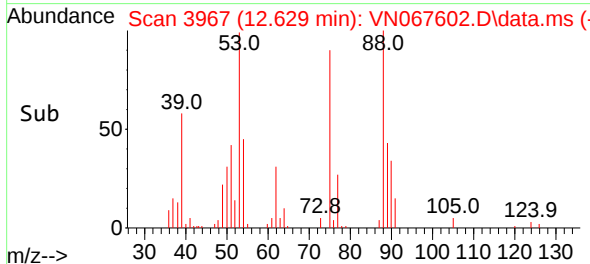
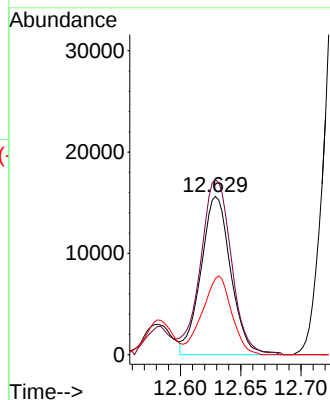
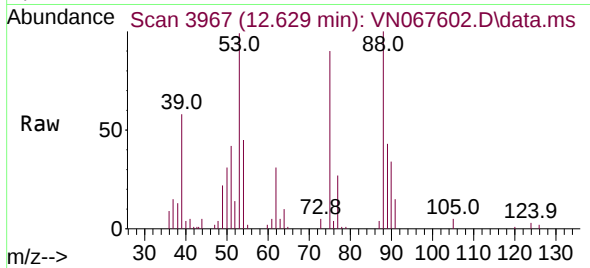
#77
t-1,4-Dichloro-2-butene
Concen: 14.490 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.2	55.2	165.6
89	48.2	24.5	73.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

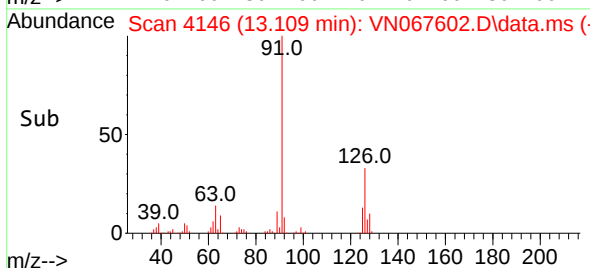
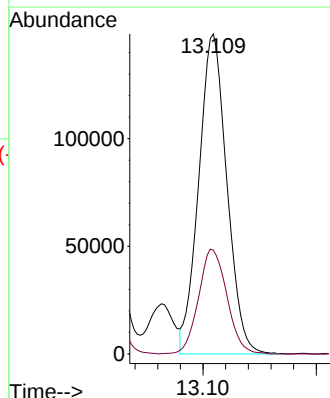
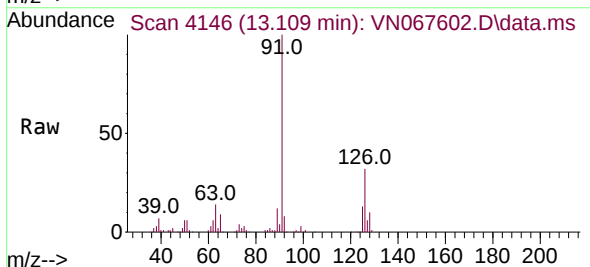
Manual Integrations
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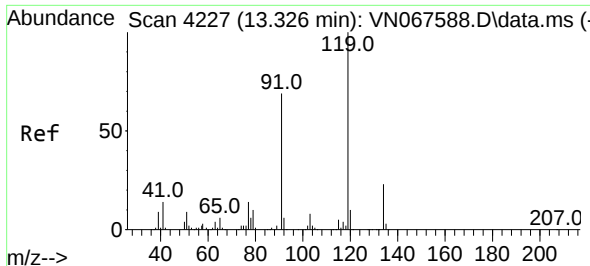
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#78
4-Chlorotoluene
Concen: 16.749 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

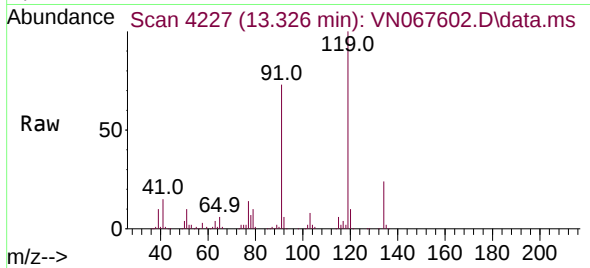
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	0.0	57.6



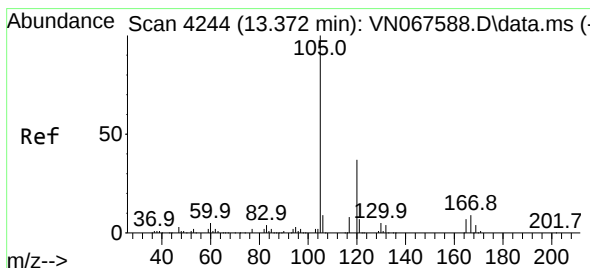
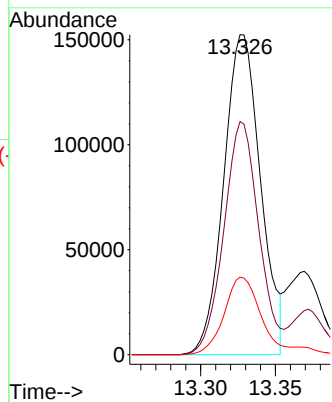
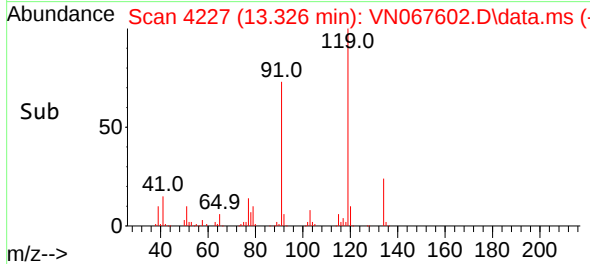


#79
tert-butylbenzene
Concen: 16.665 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

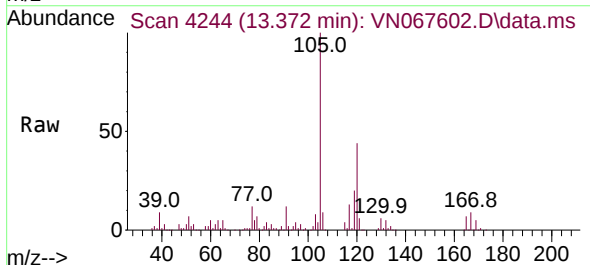
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



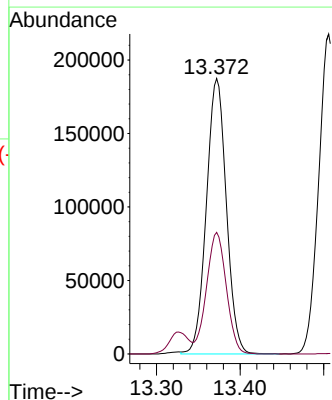
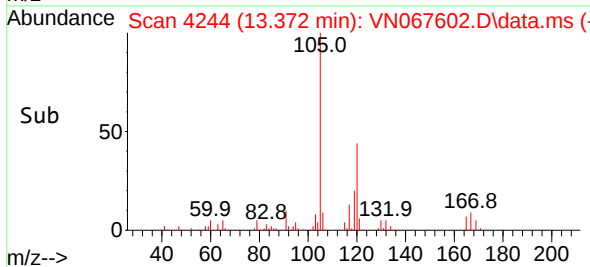
Tgt Ion:119 Resp: 261677
Ion Ratio Lower Upper
119 100
91 69.7 0.0 158.4
134 24.0 0.0 43.6

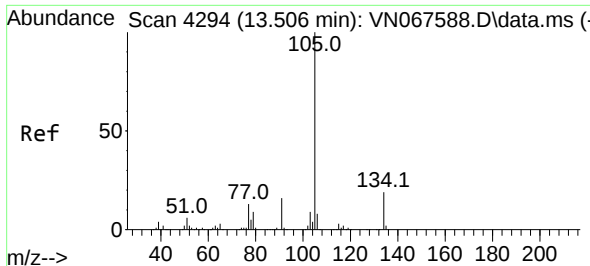


#80
1,2,4-Trimethylbenzene
Concen: 16.907 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



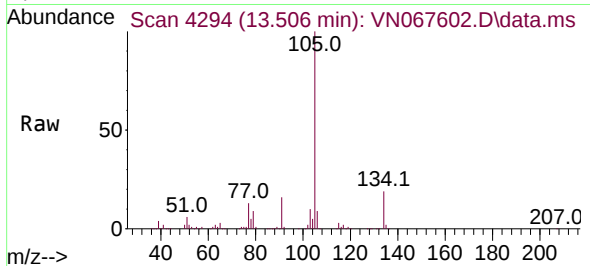
Tgt Ion:105 Resp: 310932
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 16.419 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.000 min
 Lab File: VN067602.D
 Acq: 1 Jul 2021 17:32

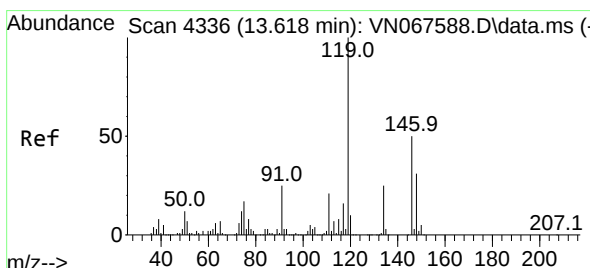
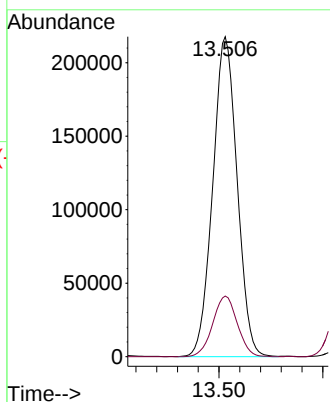
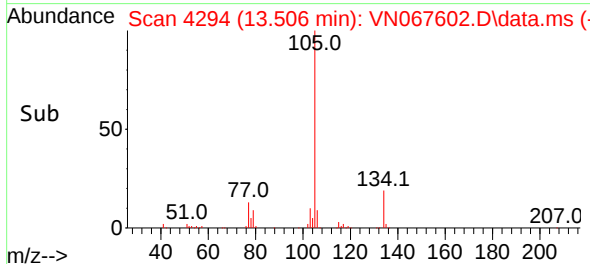
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



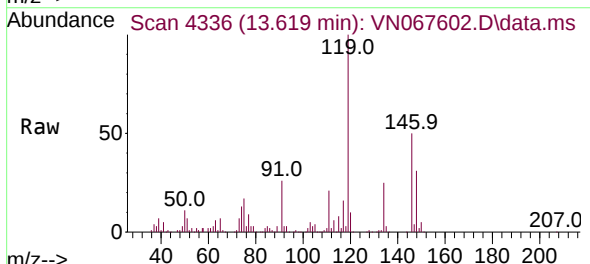
Tgt Ion:105 Resp: 354463
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 35.4

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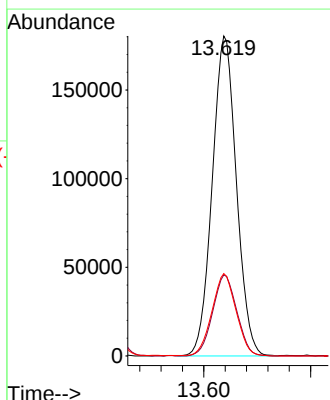
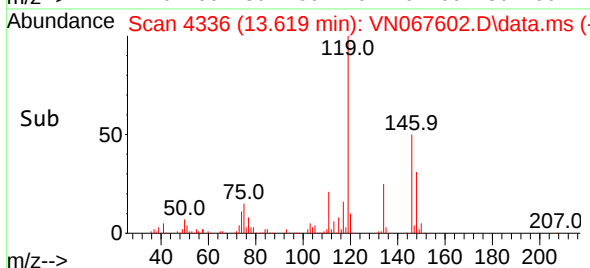
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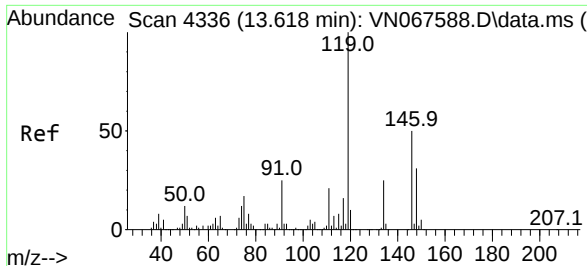


#82
 p-Isopropyltoluene
 Concen: 16.011 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067602.D
 Acq: 1 Jul 2021 17:32



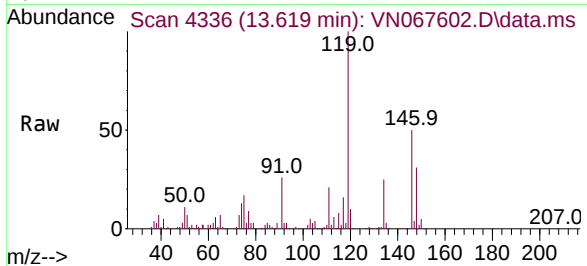
Tgt Ion:119 Resp: 283459
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 49.0
 91 25.6 0.0 59.6





#83
1,3-Dichlorobenzene
Concen: 16.191 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

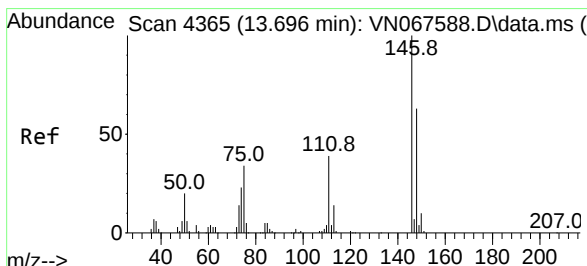
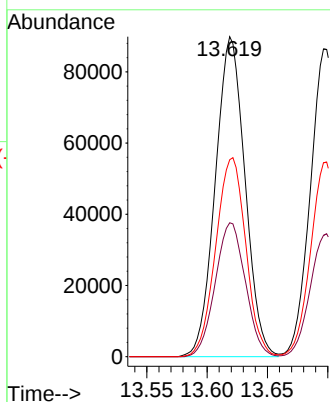
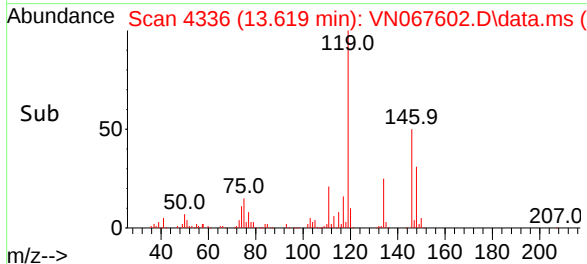
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



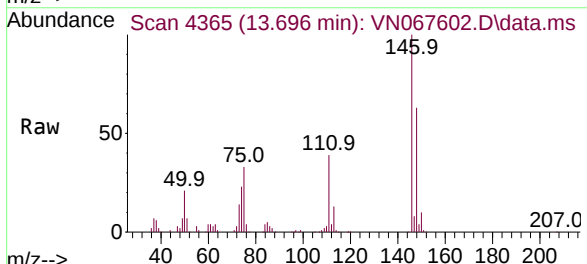
Tgt Ion:146 Resp: 153994
Ion Ratio Lower Upper
146 100
111 42.4 25.0 75.0
148 63.0 32.6 97.7

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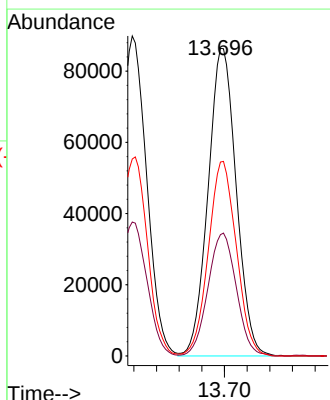
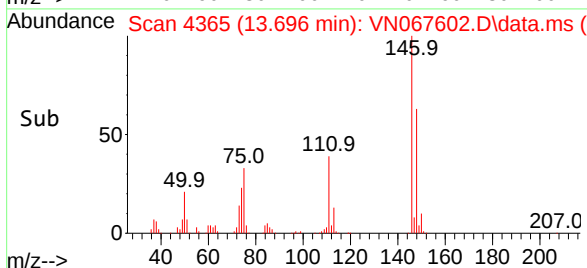
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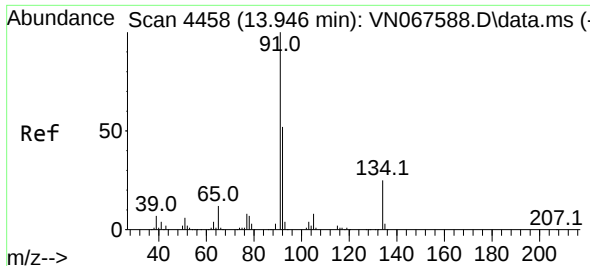


#84
1,4-Dichlorobenzene
Concen: 16.180 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



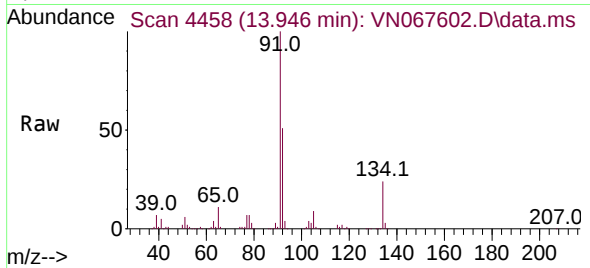
Tgt Ion:146 Resp: 149049
Ion Ratio Lower Upper
146 100
111 40.3 23.6 71.0
148 63.0 31.8 95.3





#85
n-Butylbenzene
Concen: 15.583 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

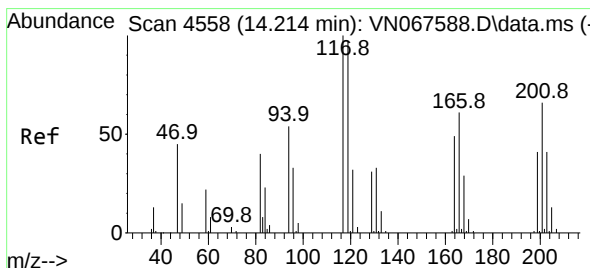
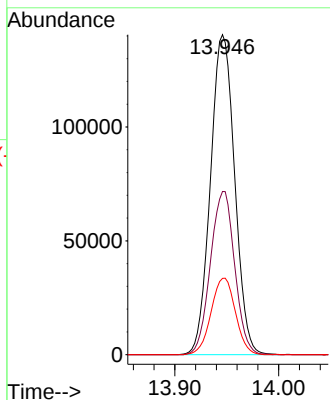
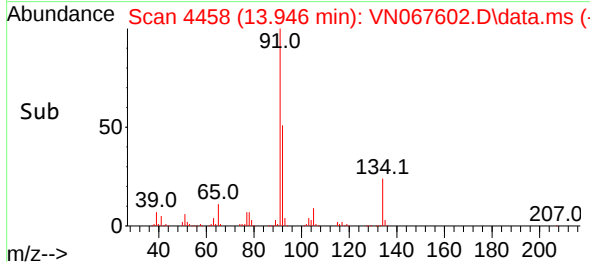
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



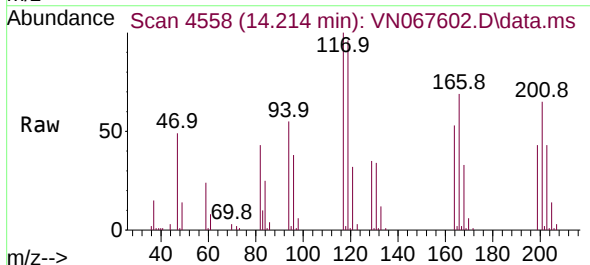
Tgt Ion: 91 Resp: 227995
Ion Ratio Lower Upper
91 100
92 51.1 0.0 103.0
134 24.0 0.0 43.6

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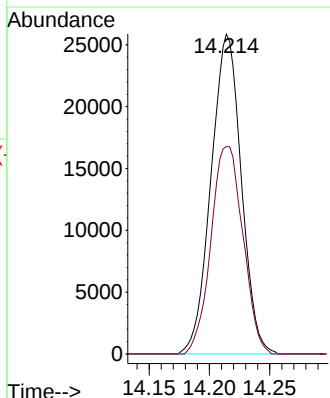
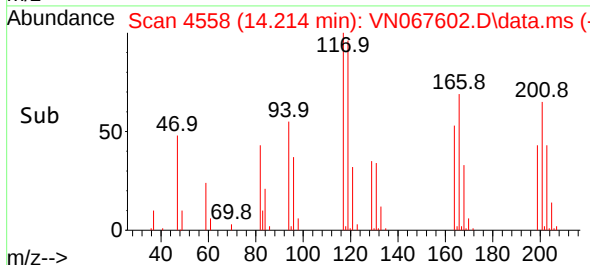
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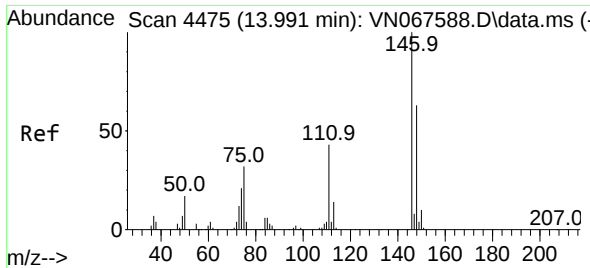


#86
Hexachloroethane
Concen: 14.932 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



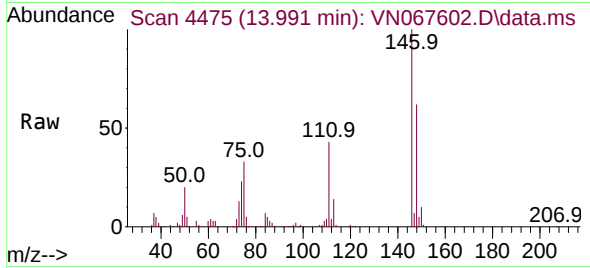
Tgt Ion: 117 Resp: 45092
Ion Ratio Lower Upper
117 100
201 68.6 33.3 99.9





#87
1,2-Dichlorobenzene
Concen: 16.645 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

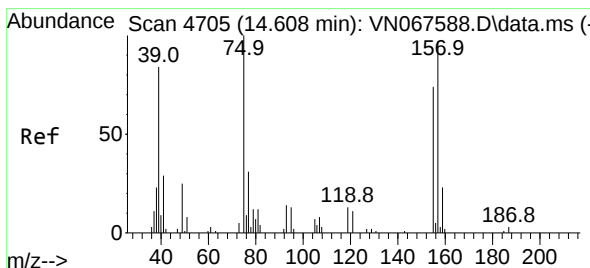
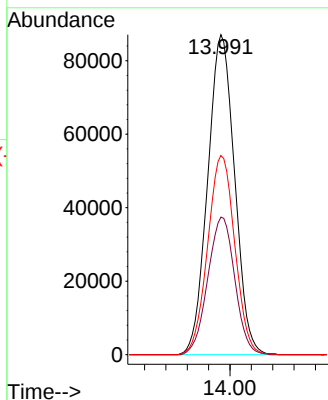
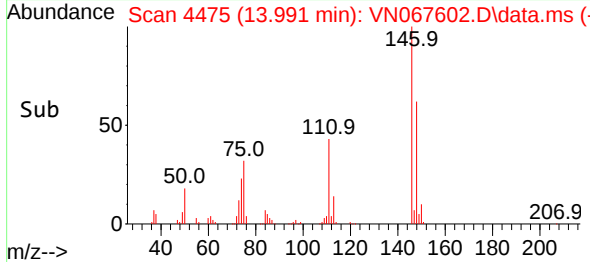
Instrument :
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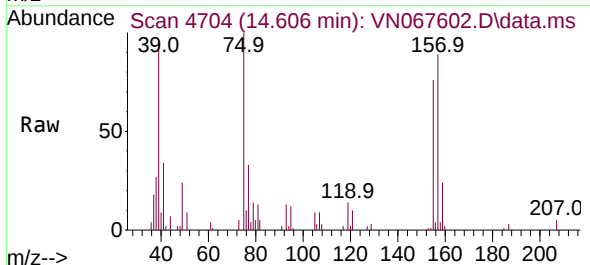
Tgt Ion:146 Resp: 152552
Ion Ratio Lower Upper
146 100
111 43.0 25.0 75.0
148 62.7 32.0 96.0

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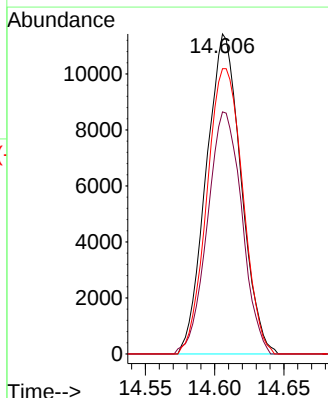
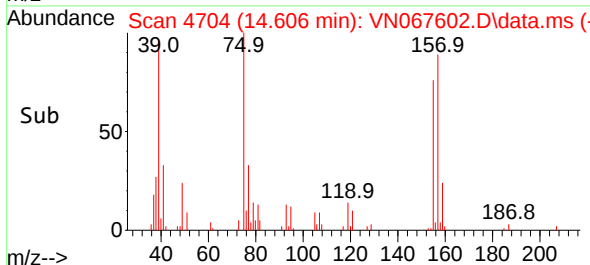
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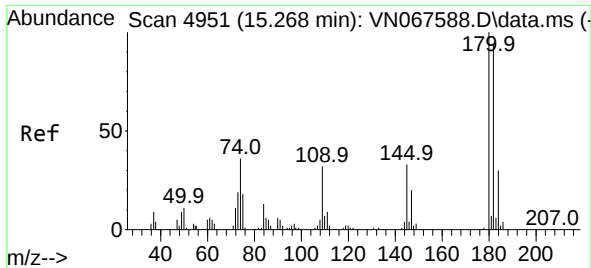


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.213 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.002 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



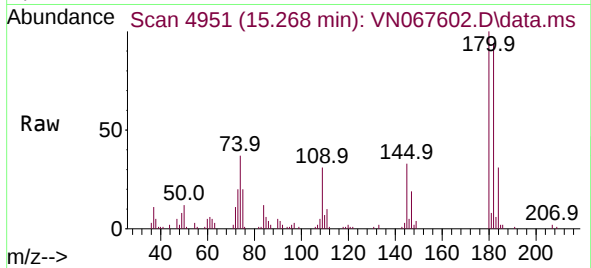
Tgt Ion: 75 Resp: 20004
Ion Ratio Lower Upper
75 100
155 74.6 45.3 67.9#
157 91.6 58.6 87.8#





#89
1,2,4-Trichlorobenzene
Concen: 15.329 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

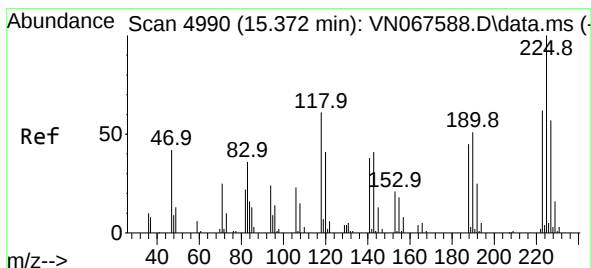
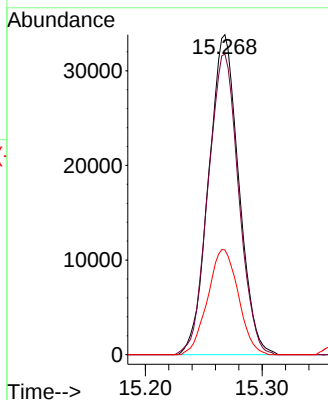
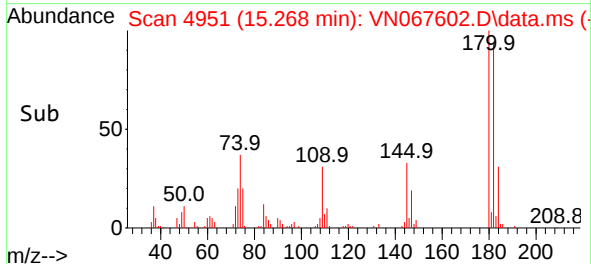
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



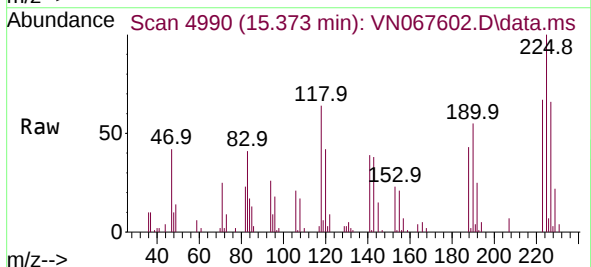
Tgt Ion:180 Resp: 60484
Ion Ratio Lower Upper
180 100
182 95.0 75.9 113.9
145 33.5 28.8 43.2

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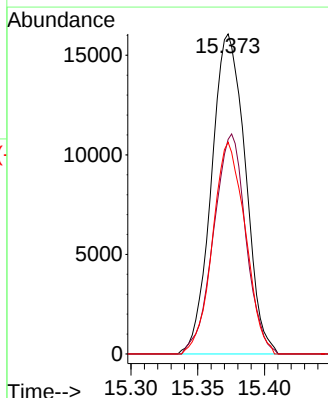
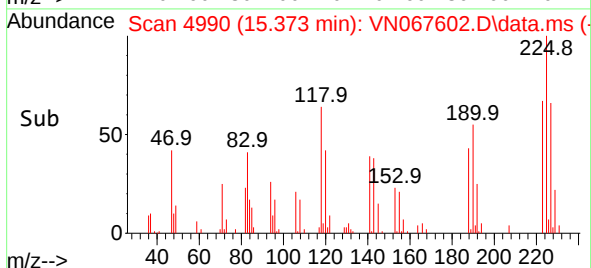
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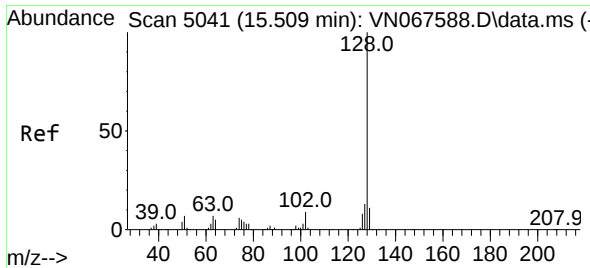


#90
Hexachlorobutadiene
Concen: 15.509 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



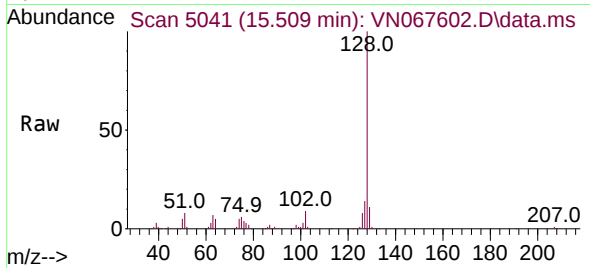
Tgt Ion:225 Resp: 28358
Ion Ratio Lower Upper
225 100
223 65.6 0.0 129.6
227 64.0 0.0 131.2





#91
Naphthalene
Concen: 15.277 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32

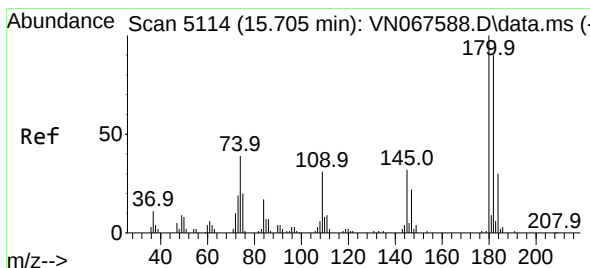
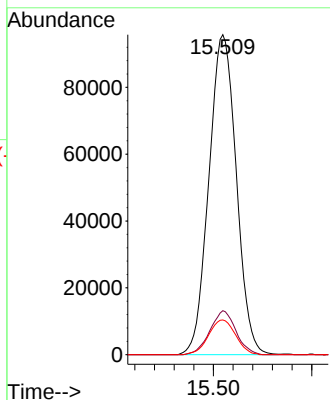
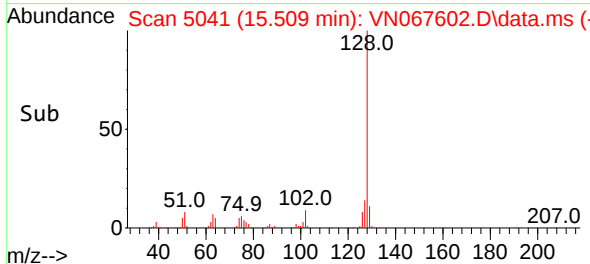
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



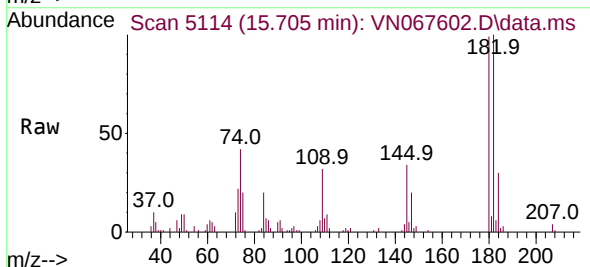
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.7	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 15.699 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.000 min
Lab File: VN067602.D
Acq: 1 Jul 2021 17:32



Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	0.0	184.6
145	34.7	0.0	76.0

