

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067591.D
 Acq On : 1 Jul 2021 11:48
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

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 7/5/2021 2:00:56 PM

Quant Time: Jul 01 12:05:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 11:55:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	107819	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	576730	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	575101	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	236354	22.660	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	75.533%#
60) 4-Bromofluorobenzene	12.734	95	285152	27.357	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.200%
63) Toluene-d8	10.443	98	765973	28.242	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.067	85	987523	148.033	ug/l	98
3) Chloromethane	2.298	50	1008889	132.132	ug/l	99
4) Vinyl Chloride	2.440	62	1601499	180.707	ug/l	96
5) Bromomethane	2.818	94	1148468	211.365	ug/l	93
6) Chloroethane	2.990	64	1070495	185.698	ug/l	91
7) Trichlorofluoromethane	3.357	101	2808351	197.680	ug/l	96
8) Diethyl Ether	3.816	74	947733	213.876	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.192	101	727034	131.298	ug/l	95
10) 1,1-Dichloroethene	4.165	96	735839	136.748	ug/l	90
11) Methyl Iodide	4.411	142	1094929	163.716	ug/l	92
12) Methyl Acetate	4.854	43	958856	123.245	ug/l	93
13) Acrolein	4.036	56	651257	668.837	ug/l	100
14) Acrylonitrile	5.557	53	2314742	699.447	ug/l	99
15) Acetone	4.288	58	522630	638.137	ug/l	86
16) Carbon Disulfide	4.516	76	2184592	130.647	ug/l	99
17) Allyl chloride	4.830	41	1318013	117.436	ug/l	93
18) Methylene Chloride	5.087	84	929204	137.717	ug/l	89
19) trans-1,2-Dichloroethene	5.589	96	968446	160.950	ug/l	83
20) Diisopropyl ether	6.498	45	3192407	141.219	ug/l	# 95
21) 1,1-Dichloroethane	6.383	63	1653899	131.017	ug/l	97
22) cis-1,2-Dichloroethene	7.324	96	1121198	155.022	ug/l	86
23) tert-Butyl Alcohol	5.396	59	839858	590.259	ug/l	# 100
24) Methyl tert-Butyl Ether	5.618	73	3317197	145.513	ug/l	91
25) Chloroform	7.818	83	1940161	146.985	ug/l	99
26) Cyclohexane	8.094	56	1521077	138.270	ug/l	# 89
29) 1,1-Dichloropropene	8.223	75	1386962	160.318	ug/l	95
30) 2-Butanone	7.340	43	3174979	735.993	ug/l	94
31) 2,2-Dichloropropane	7.324	77	1468602	159.787	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	1784932	164.502	ug/l	95
33) Carbon Tetrachloride	8.206	117	1552411	169.676	ug/l	96
34) Benzene	8.461	78	4254998m	171.919	ug/l	
35) Methacrylonitrile	7.641	41	665847	144.503	ug/l	90
36) 1,2-Dichloroethane	8.531	62	1510985	147.287	ug/l	96
37) Trichloroethene	9.218	130	1074716	178.972	ug/l	87
38) Methylcyclohexane	9.462	83	1516165	166.949	ug/l	90
39) 1,2-Dichloropropane	9.491	63	1038139	156.610	ug/l	99
40) Dibromomethane	9.580	93	800644	173.875	ug/l	91
41) Bromodichloromethane	9.765	83	1580349	164.866	ug/l	100
42) Vinyl Acetate	6.436	43	14121800m	778.177	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	1376161m	157.896	ug/l	
44) Isopropyl Acetate	8.566	43	2393888	146.936	ug/l	96
45) 1,4-Dioxane	9.572	88	388911	3605.535	ug/l #	88
46) Methyl methacrylate	9.564	41	1055321	146.305	ug/l	91
47) n-amyl Acetate	12.390	43	2190686	159.679	ug/l	98
48) t-1,3-Dichloropropene	10.722	75	1769403	169.308	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	1822726	170.326	ug/l	89
50) 1,1,2-Trichloroethane	10.902	97	1129958	186.265	ug/l	98
51) Ethyl methacrylate	10.765	69	1862368	175.751	ug/l	89
52) 1,3-Dichloropropane	11.047	76	1828930	168.996	ug/l	99
53) Dibromochloromethane	11.242	129	1297720	196.046	ug/l	100
54) 1,2-Dibromoethane	11.350	107	1203466	190.233	ug/l	100
55) 2-Chloroethyl vinyl ether	10.044	63	2230189	874.364	ug/l	96
56) Bromoform	12.460	173	970166	217.799	ug/l #	99
58) 4-Methyl-2-Pentanone	10.336	43	7504231	725.159	ug/l	94
59) 2-Hexanone	11.090	43	5310567	715.647	ug/l	93
61) Tetrachloroethene	10.980	164	1013554	171.218	ug/l	96
62) Toluene	10.508	91	5055300	169.908	ug/l	100
64) Chlorobenzene	11.773	112	3120673	178.111	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.846	131	1192658	182.161	ug/l	99
66) Ethyl Benzene	11.849	91	5673994	166.171	ug/l	96
67) m/p-Xylenes	11.956	106	4395760	356.139	ug/l	85
68) o-Xylene	12.283	106	2210245	178.927	ug/l	85
69) Styrene	12.296	104	3790056	185.713	ug/l	93
70) Isopropylbenzene	12.581	105	5659882	179.720	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.830	83	1619547	169.637	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	1380513m	150.671	ug/l	
73) Bromobenzene	12.862	156	1316421	195.749	ug/l	73
74) n-propylbenzene	12.924	91	6317243	168.952	ug/l	94
75) 2-Chlorotoluene	13.010	91	3811217	162.021	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.063	105	4643262	173.738	ug/l	95
77) t-1,4-Dichloro-2-butene	12.629	75	529588	174.940	ug/l	89
78) 4-Chlorotoluene	13.109	91	3875361	166.766	ug/l	89
79) tert-butylbenzene	13.326	119	3931232	181.704	ug/l	87
80) 1,2,4-Trimethylbenzene	13.372	105	4633759m	176.493	ug/l	
81) sec-Butylbenzene	13.506	105	5358642	178.199	ug/l	95
82) p-Isopropyltoluene	13.619	119	4541222	187.193	ug/l	93
83) 1,3-Dichlorobenzene	13.619	146	2488165	204.370	ug/l	93
84) 1,4-Dichlorobenzene	13.696	146	2459886	202.526	ug/l	94
85) n-Butylbenzene	13.946	91	3780845	173.126	ug/l	97
86) Hexachloroethane	14.214	117	818583	173.580	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	2407799	204.436	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.606	75	309348	140.718	ug/l #	59
89) 1,2,4-Trichlorobenzene	15.268	180	1144134	200.789	ug/l	98
90) Hexachlorobutadiene	15.373	225	458334	155.038	ug/l	97
91) Naphthalene	15.509	128	3749439	201.786	ug/l	99
92) 1,2,3-Trichlorobenzene	15.703	180	1102432	198.960	ug/l	97

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

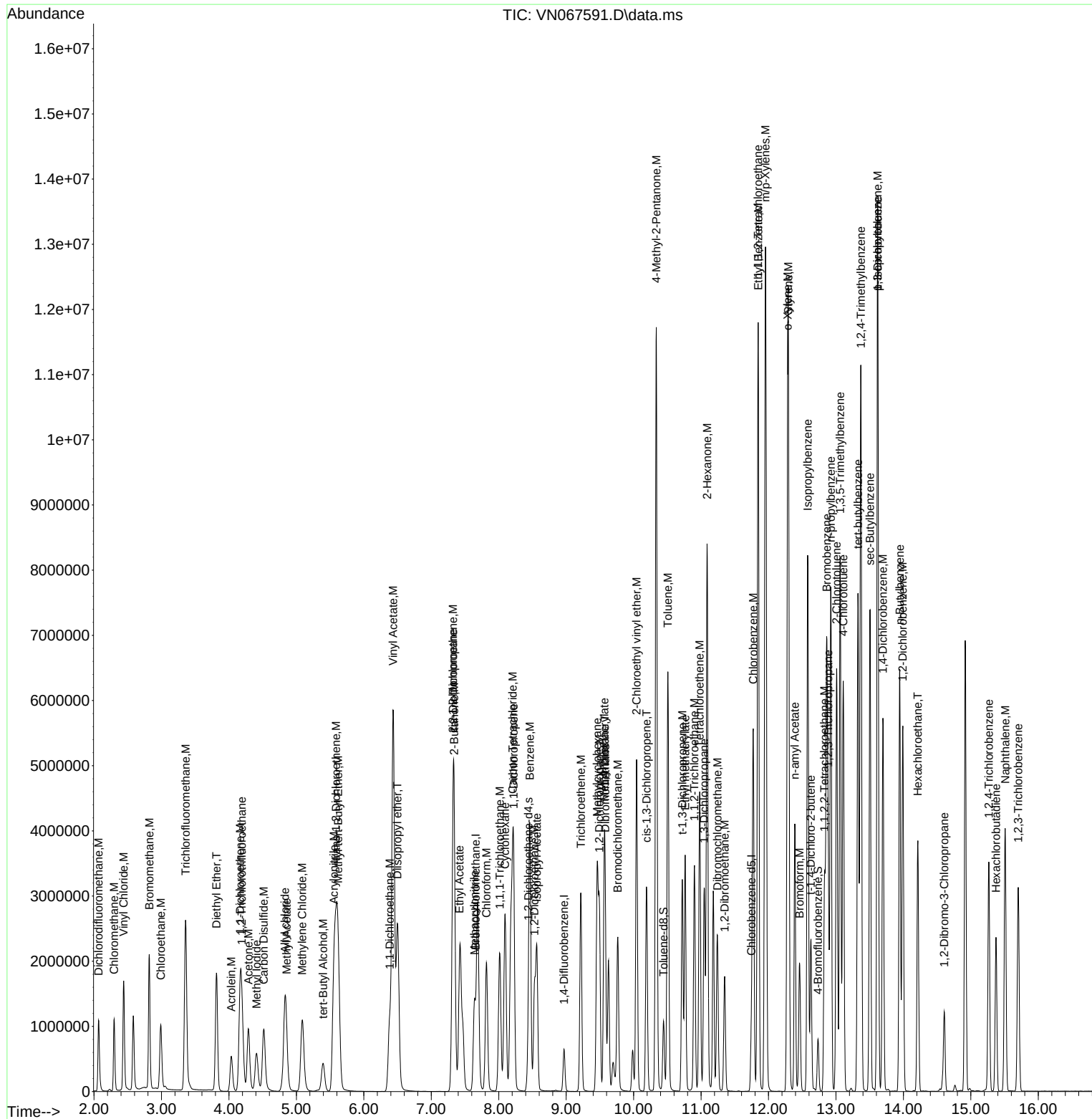
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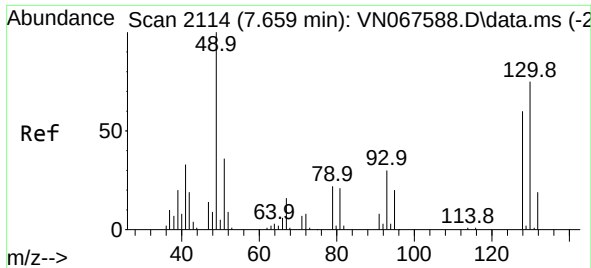
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 ClientSampleId :
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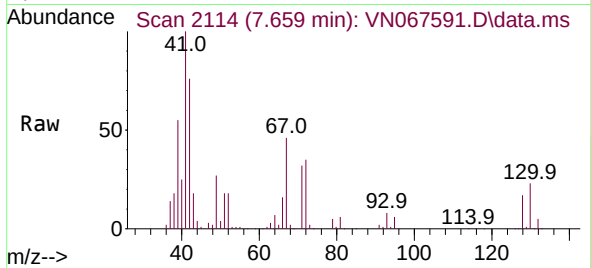
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

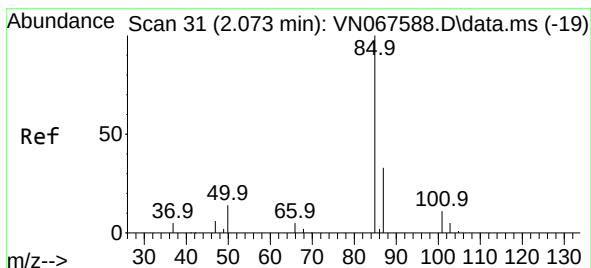
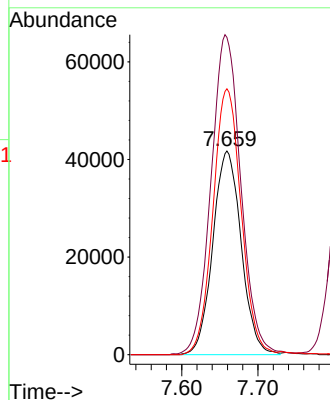
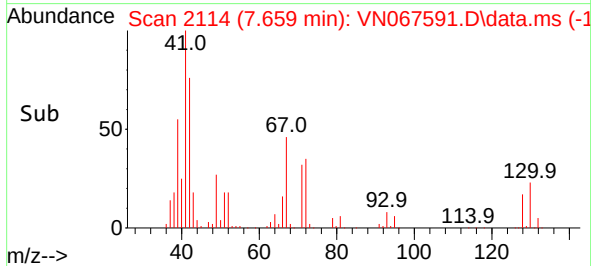
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



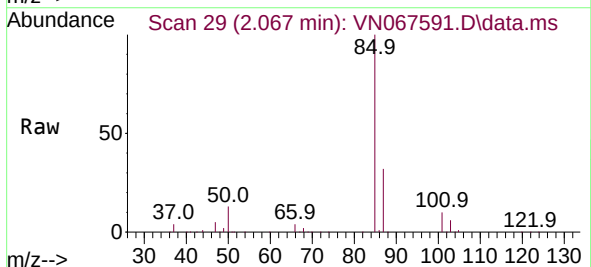
Tgt Ion:128 Resp: 107819
Ion Ratio Lower Upper
128 100
49 164.1 0.0 517.5
130 129.8 0.0 325.8

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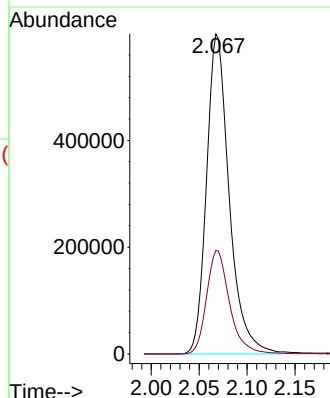
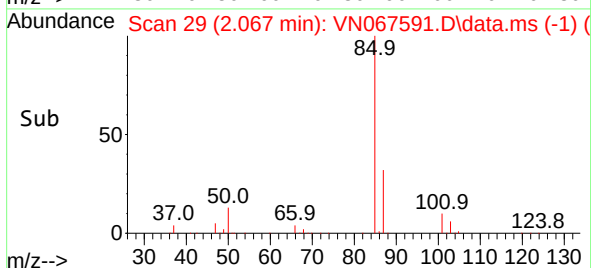
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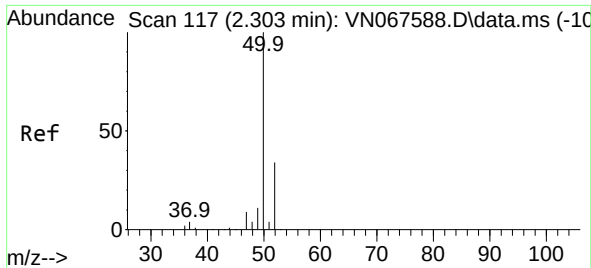


#2
Dichlorodifluoromethane
Concen: 148.033 ug/l
RT: 2.067 min Scan# 29
Delta R.T. -0.005 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



Tgt Ion: 85 Resp: 987523
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





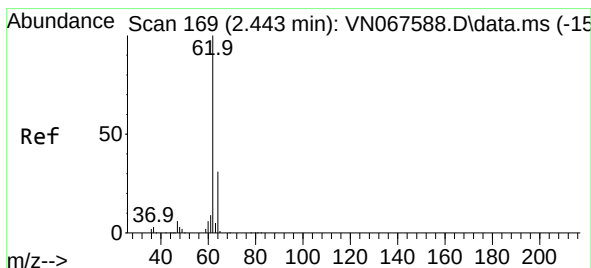
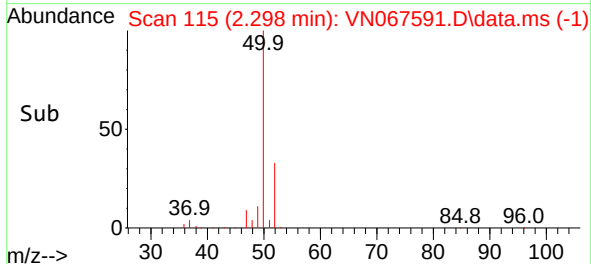
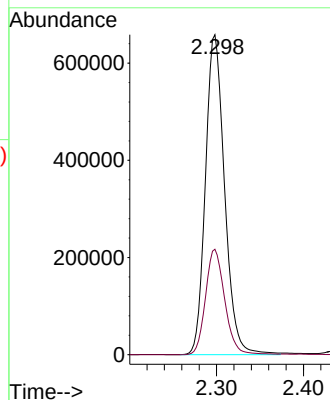
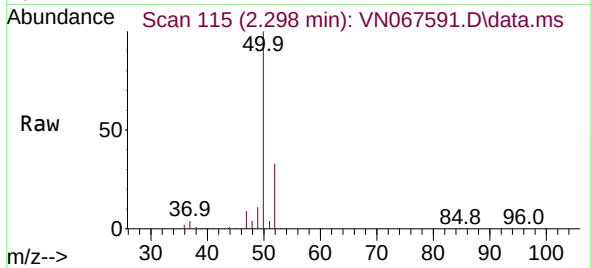
#3
Chloromethane
Concen: 132.132 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.005 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 50 Resp: 1008889
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0

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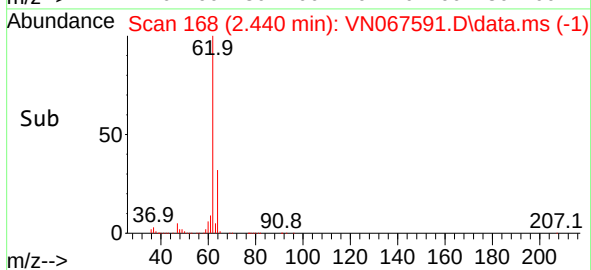
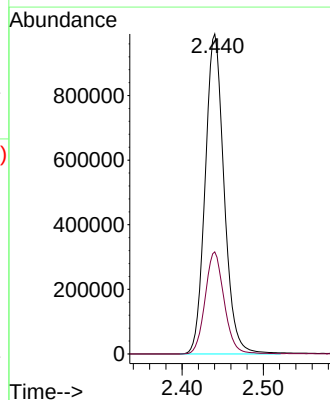
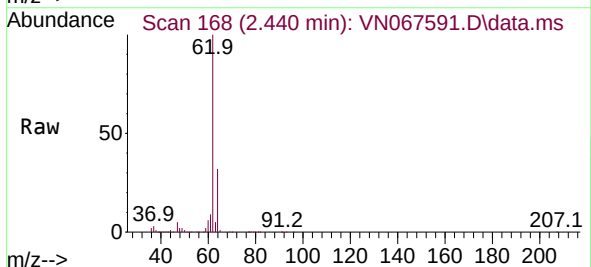
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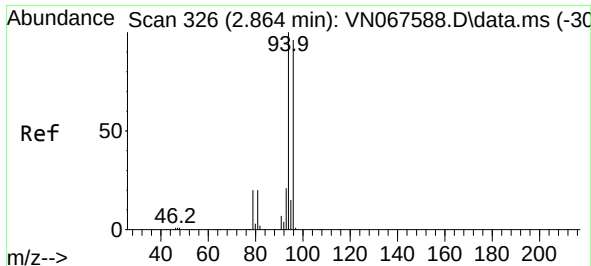
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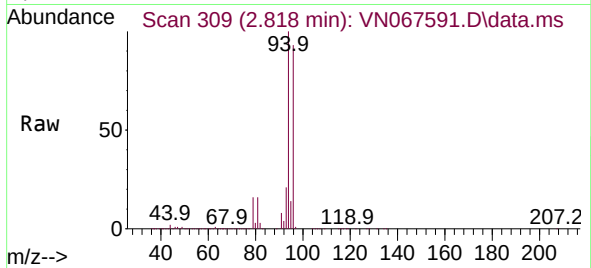
#4
Vinyl Chloride
Concen: 180.707 ug/l
RT: 2.440 min Scan# 168
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 62 Resp: 1601499
Ion Ratio Lower Upper
62 100
64 31.9 23.7 35.5

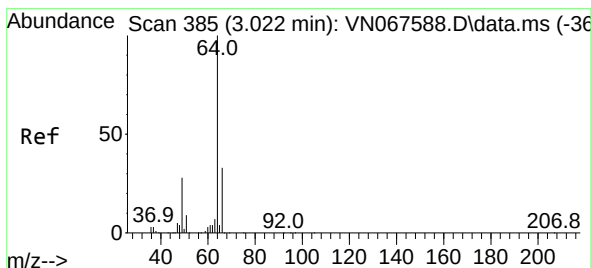
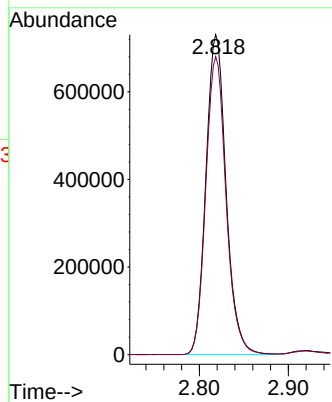
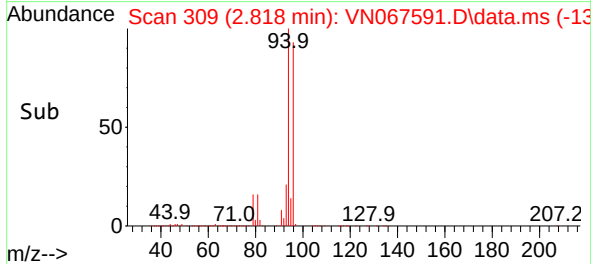




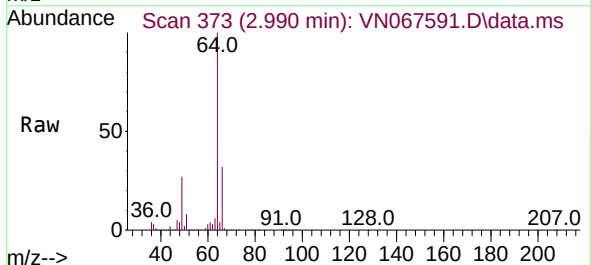
#5
Bromomethane
Concen: 211.365 ug/l
RT: 2.818 min Scan# 309
Delta R.T. -0.045 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



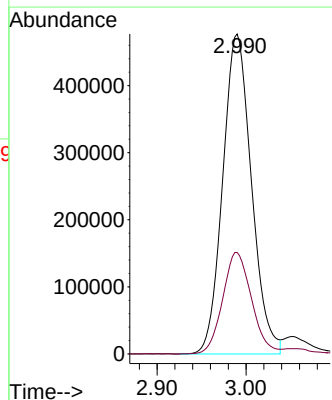
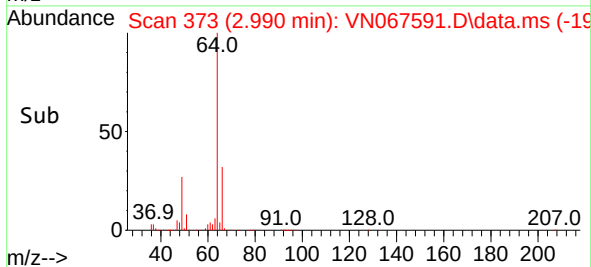
Tgt Ion: 94 Resp: 1148468
Ion Ratio Lower Upper
94 100
96 93.1 69.4 104.2



#6
Chloroethane
Concen: 185.698 ug/l
RT: 2.990 min Scan# 373
Delta R.T. -0.032 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



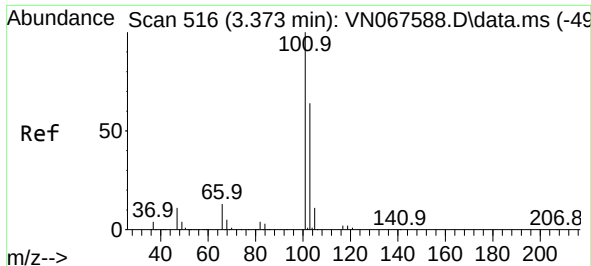
Tgt Ion: 64 Resp: 1070495
Ion Ratio Lower Upper
64 100
66 31.7 21.5 32.3



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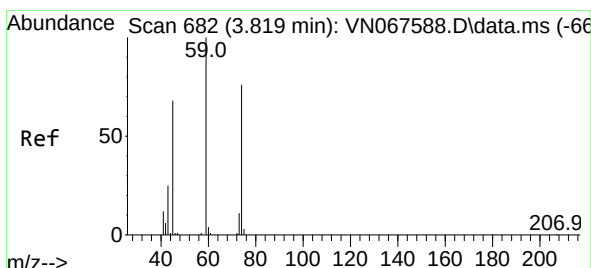
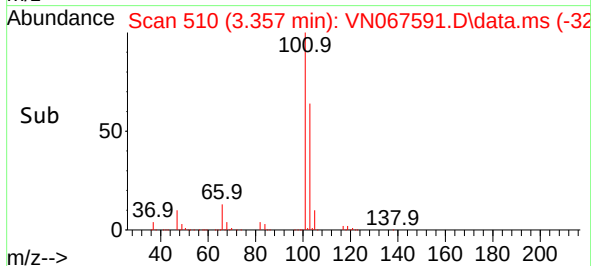
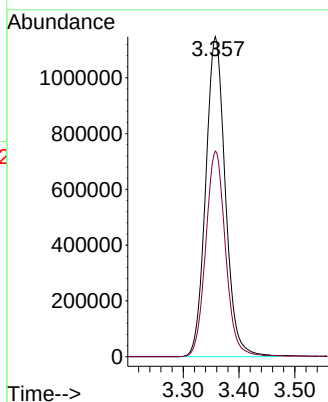
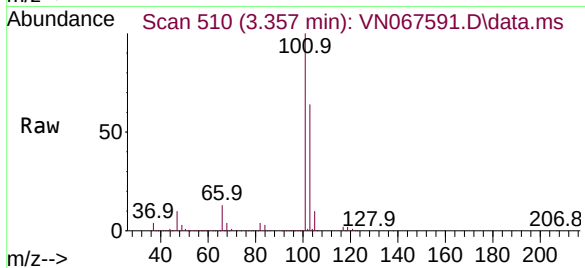
#7
Trichlorofluoromethane
Concen: 197.680 ug/l
RT: 3.357 min Scan# 510
Delta R.T. -0.016 min
Lab File: VN067591.D
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Tgt Ion:101 Resp: 2808351
Ion Ratio Lower Upper
101 100
103 64.2 53.7 80.5

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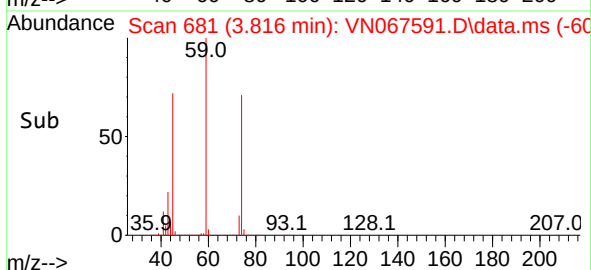
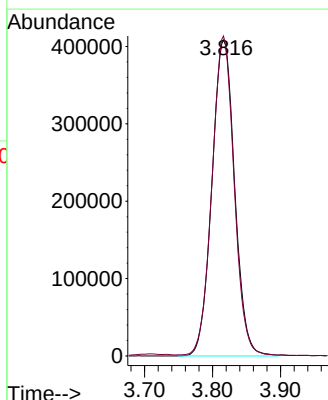
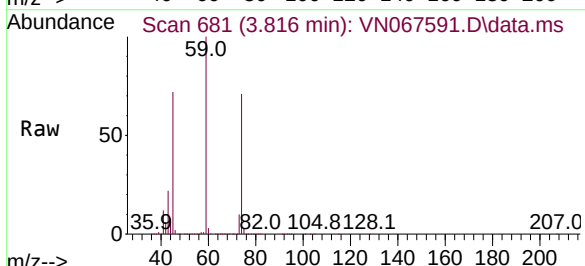
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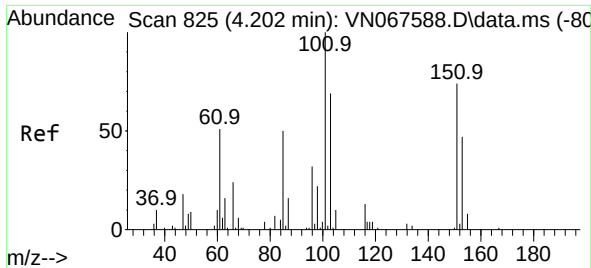
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#8
Diethyl Ether
Concen: 213.876 ug/l
RT: 3.816 min Scan# 681
Delta R.T. -0.002 min
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Tgt Ion: 74 Resp: 947733
Ion Ratio Lower Upper
74 100
45 98.0 20.3 182.5





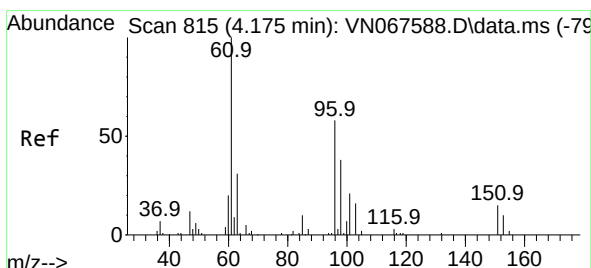
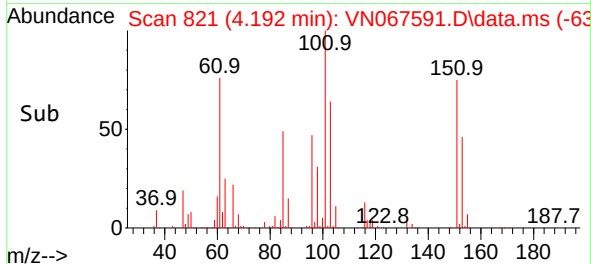
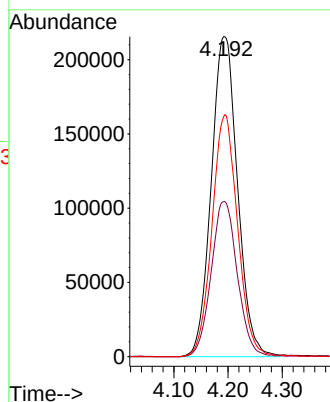
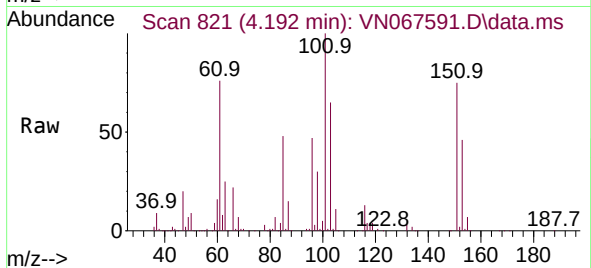
#9
1,1,2-Trichlorotrifluoroethane
Concen: 131.298 ug/l
RT: 4.192 min Scan# 821
Delta R.T. -0.011 min
Lab File: VN067591.D
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Tgt Ion:	101	Resp:	727034
Ion	Ratio	Lower	Upper
101	100		
85	48.2	0.0	97.8
151	73.7	0.0	135.0

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ClientSampleId :
VSTDIC150

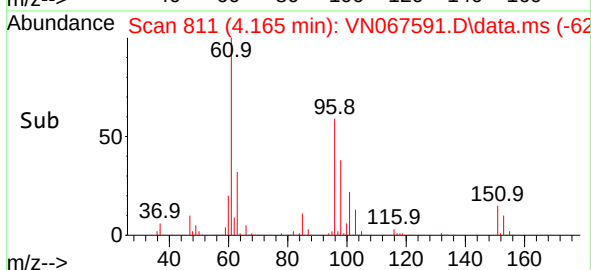
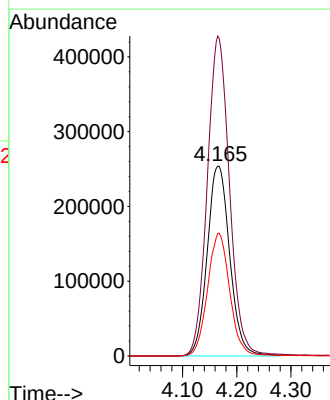
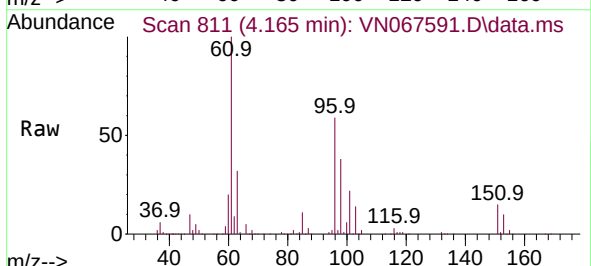
Manual Integrations
APPROVED

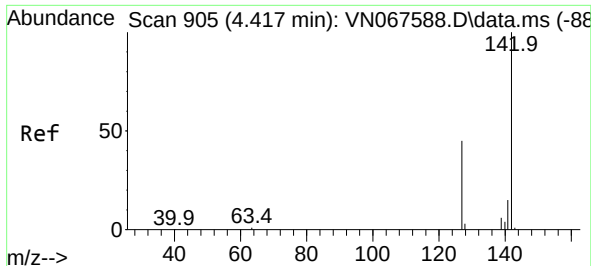
MMDadoda
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#10
1,1-Dichloroethene
Concen: 136.748 ug/l
RT: 4.165 min Scan# 811
Delta R.T. -0.011 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

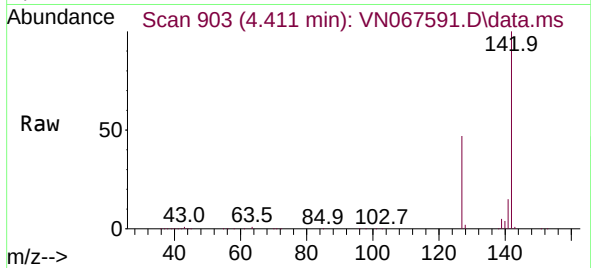
Tgt Ion:	96	Resp:	735839
Ion	Ratio	Lower	Upper
96	100		
61	168.5	148.3	222.5
98	64.5	48.6	73.0





#11
Methyl Iodide
Concen: 163.716 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.005 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

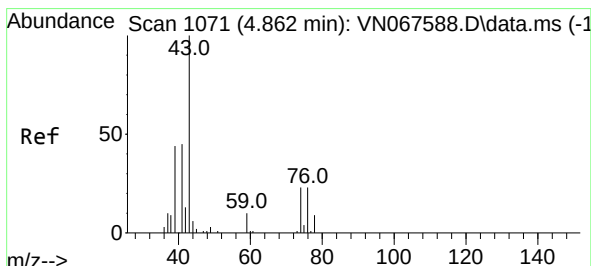
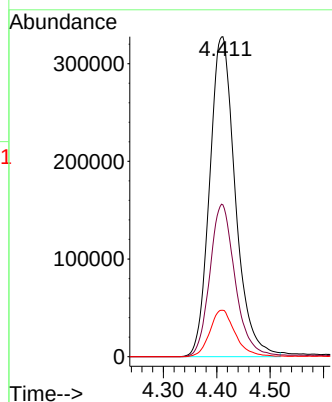
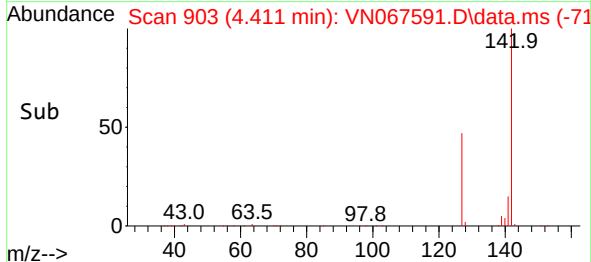
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



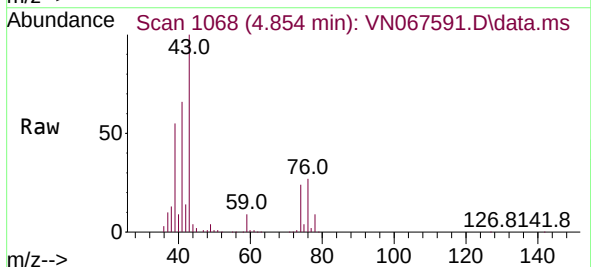
Tgt Ion:142 Resp: 1094929
Ion Ratio Lower Upper
142 100
127 47.4 27.2 81.5
141 14.5 6.9 20.7

Manual Integrations
APPROVED

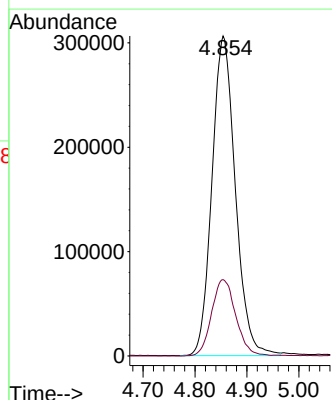
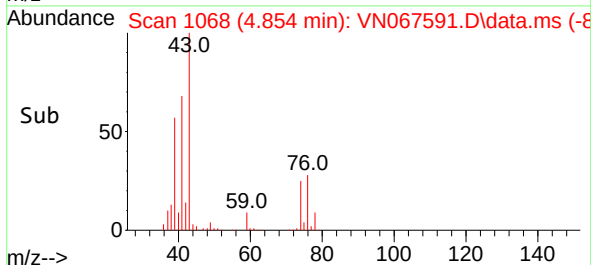
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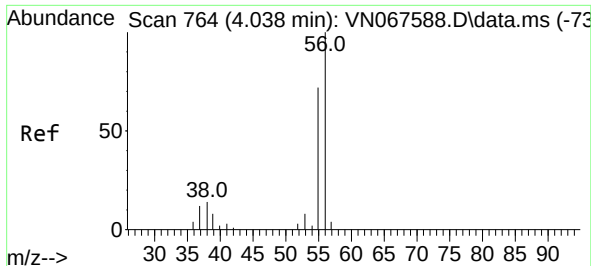


#12
Methyl Acetate
Concen: 123.245 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.008 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



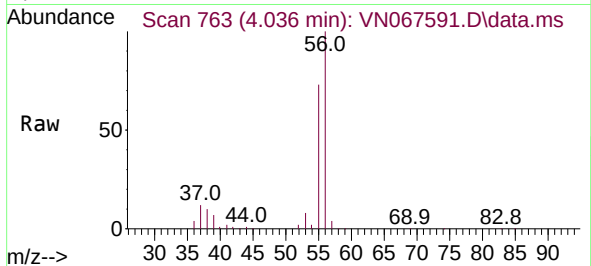
Tgt Ion: 43 Resp: 958856
Ion Ratio Lower Upper
43 100
74 23.9 16.6 25.0





#13
Acrolein
Concen: 668.837 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

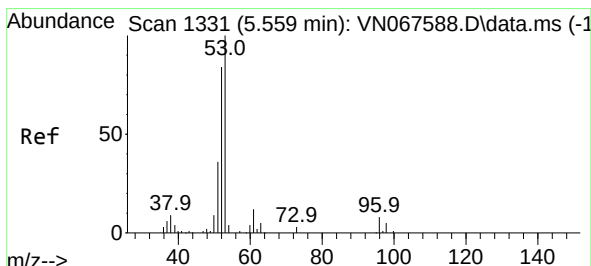
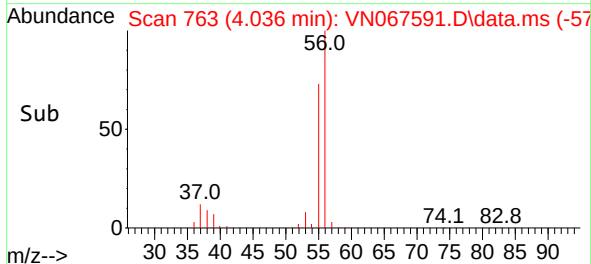
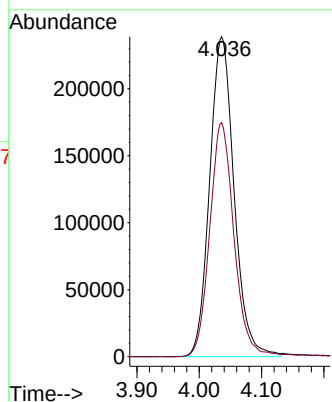
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 651257
Ion Ratio Lower Upper
56 100
55 72.3 57.5 86.3

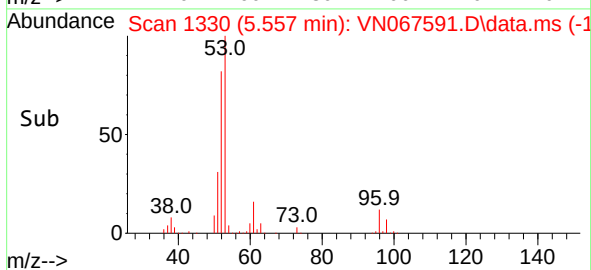
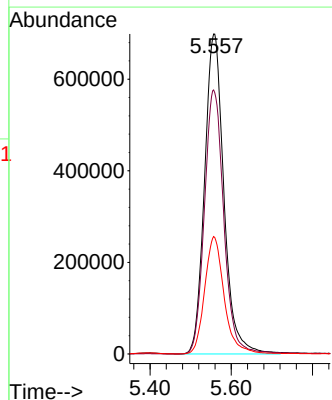
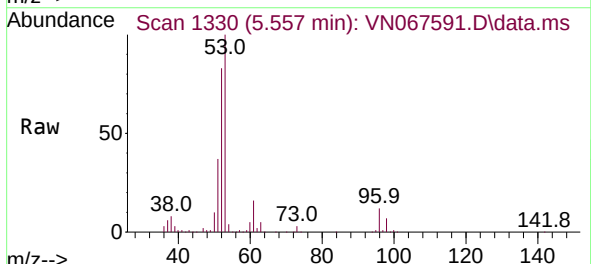
Manual Integrations
APPROVED

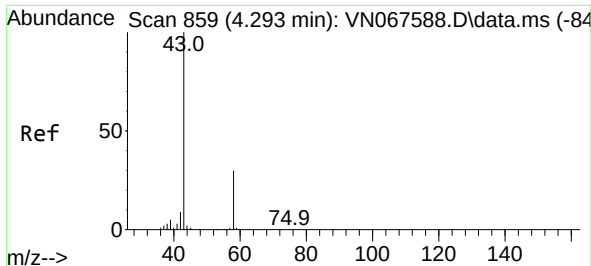
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7/5/2021 2:00:56 PM



#14
Acrylonitrile
Concen: 699.447 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

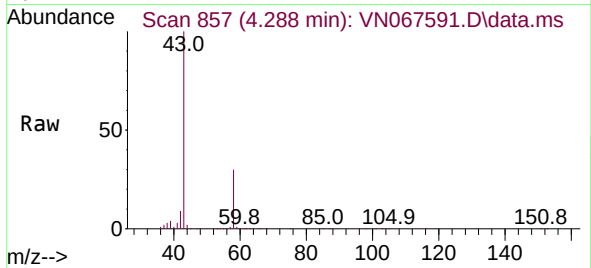
Tgt Ion: 53 Resp: 2314742
Ion Ratio Lower Upper
53 100
52 82.3 41.8 125.4
51 36.8 18.1 54.3





#15
Acetone
Concen: 638.137 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.005 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

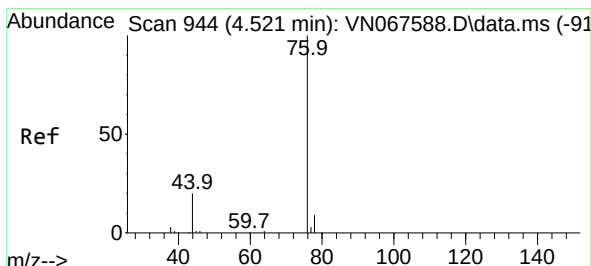
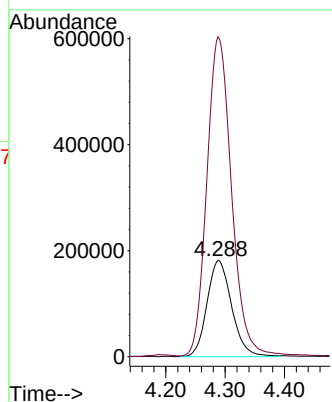
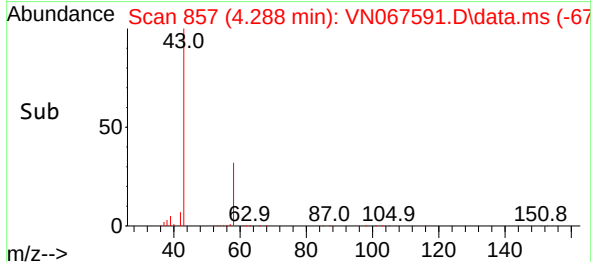
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150



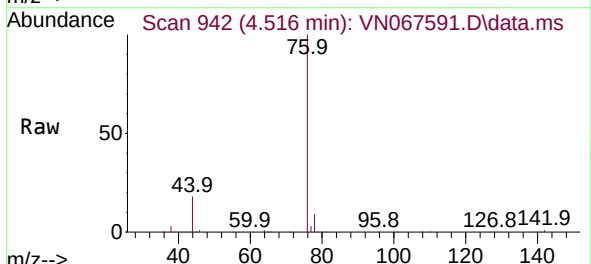
Tgt Ion: 58 Resp: 522630
Ion Ratio Lower Upper
58 100
43 331.7 289.6 434.4

Manual Integrations
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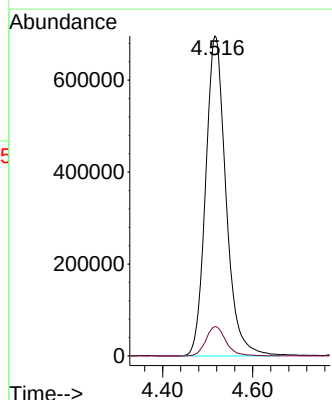
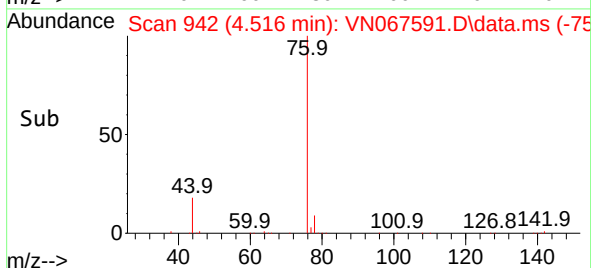
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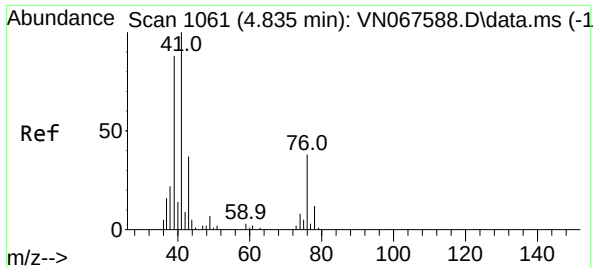


#16
Carbon Disulfide
Concen: 130.647 ug/l
RT: 4.516 min Scan# 942
Delta R.T. -0.005 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



Tgt Ion: 76 Resp: 2184592
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





#17
Allyl chloride
Concen: 117.436 ug/l
RT: 4.830 min Scan# 1059
Delta R.T. -0.005 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

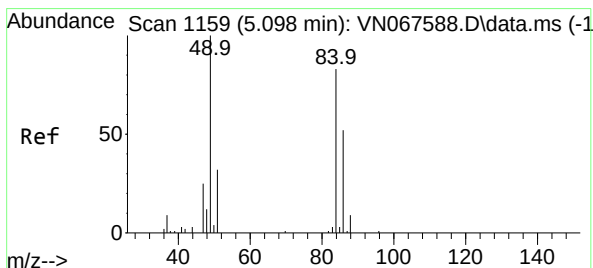
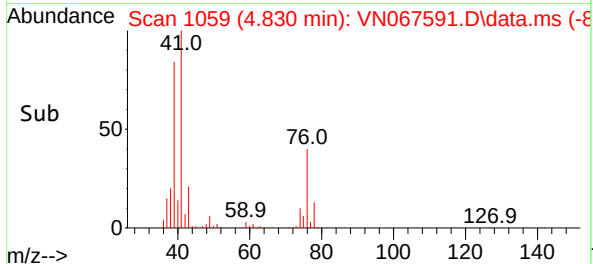
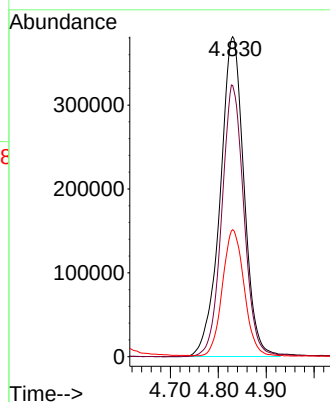
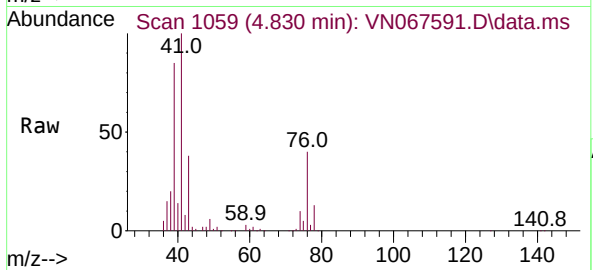
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 1318013

Ion	Ratio	Lower	Upper
41	100		
39	84.8	39.8	119.4
76	39.3	16.8	50.4

Manual Integrations
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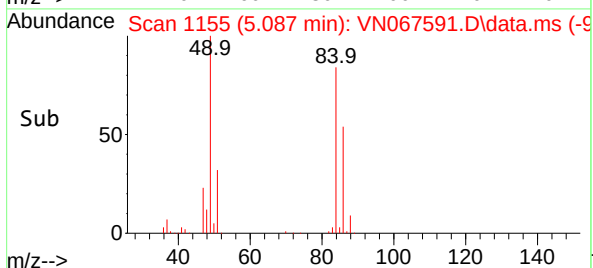
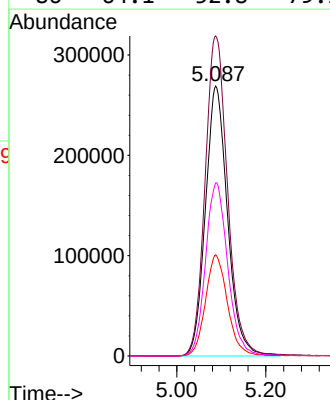
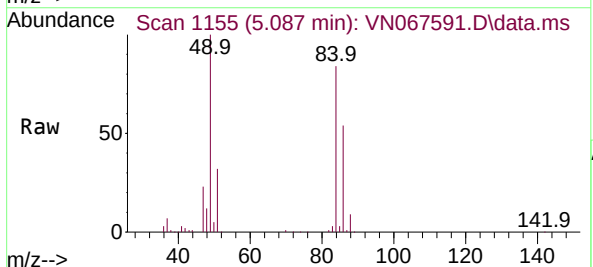
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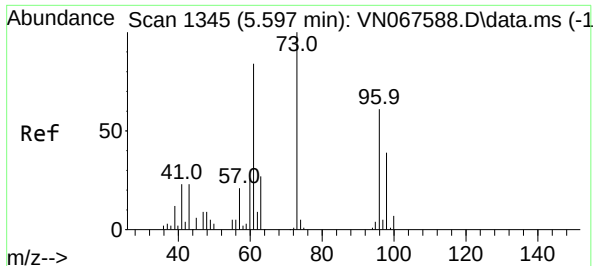


#18
Methylene Chloride
Concen: 137.717 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.011 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 84 Resp: 929204

Ion	Ratio	Lower	Upper
84	100		
49	118.4	110.9	166.3
51	37.4	31.2	46.8
86	64.1	52.8	79.2





#19

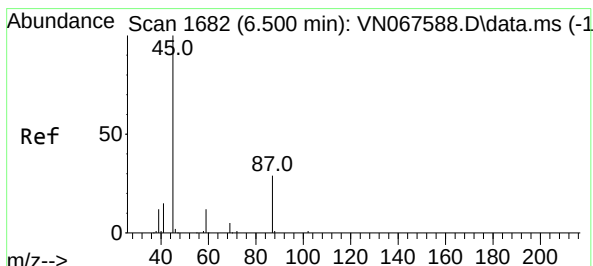
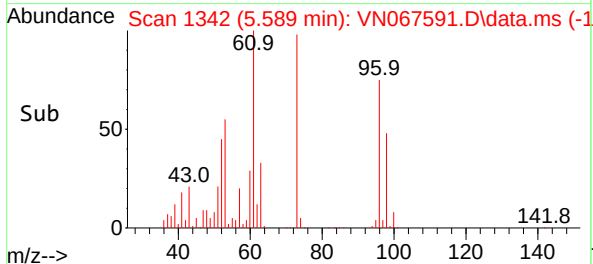
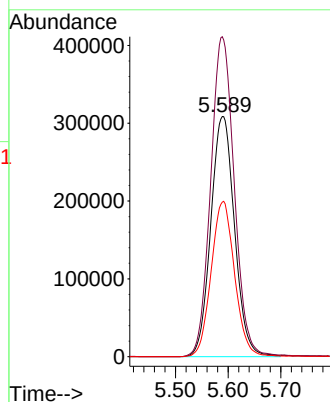
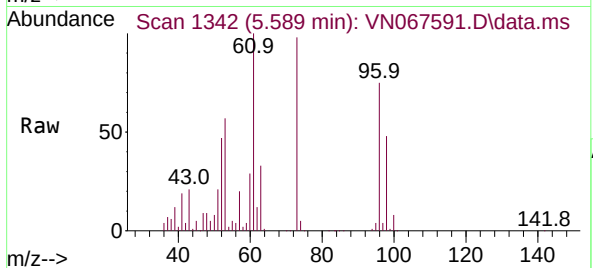
trans-1,2-Dichloroethene
Concen: 160.950 ug/l
RT: 5.589 min Scan# 1342
Delta R.T. -0.008 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 96 Resp: 968446
Ion Ratio Lower Upper
96 100
61 133.2 129.3 193.9
98 64.4 48.0 72.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

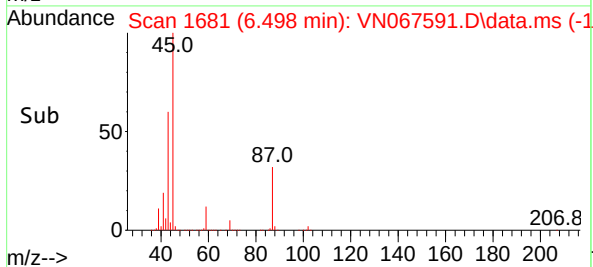
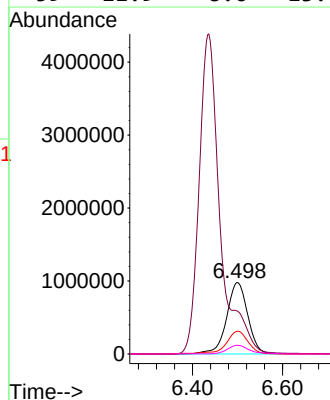
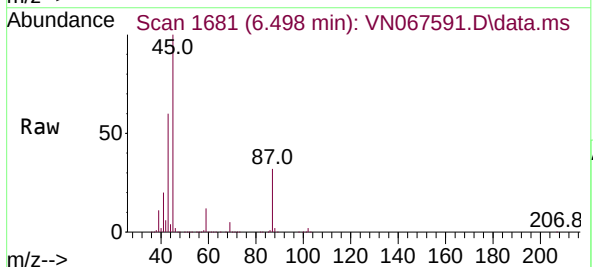
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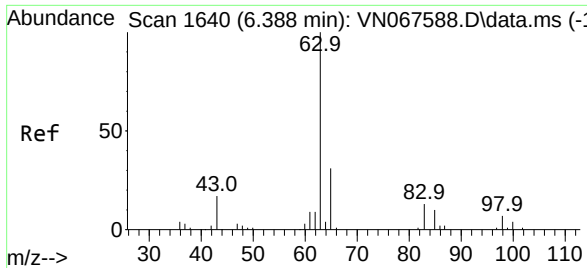


#20

Diisopropyl ether
Concen: 141.219 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 45 Resp: 3192407
Ion Ratio Lower Upper
45 100
43 59.3 48.1 72.1
87 31.5 19.8 29.6#
59 11.9 8.6 13.0





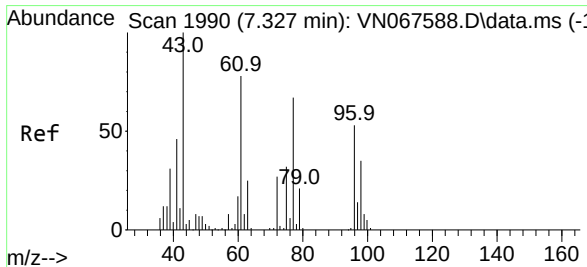
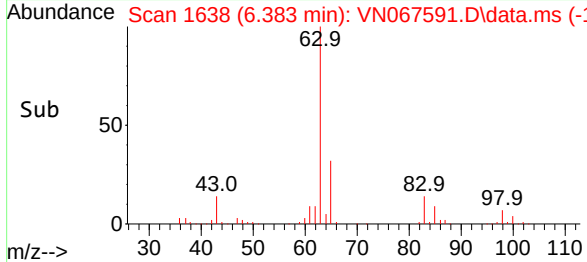
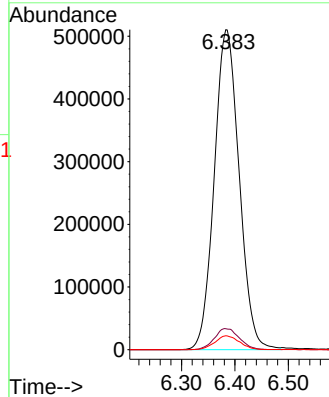
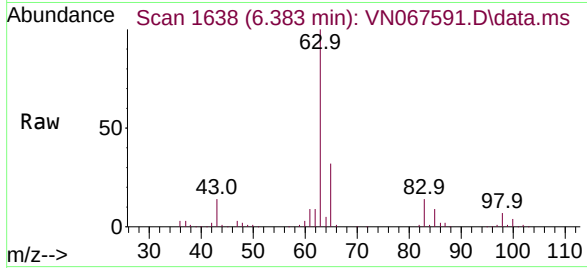
#21
1,1-Dichloroethane
Concen: 131.017 ug/l
RT: 6.383 min Scan# 1638
Delta R.T. -0.005 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 63 Resp: 1653899
Ion Ratio Lower Upper
63 100
98 6.6 2.7 8.1
100 4.4 1.8 5.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

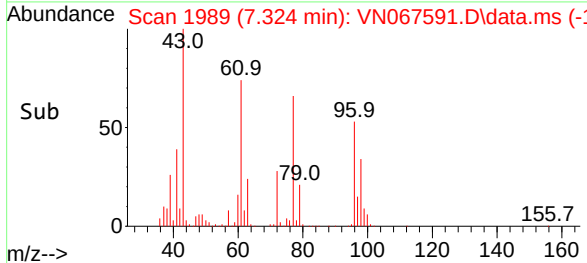
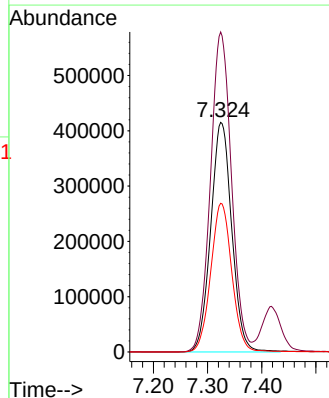
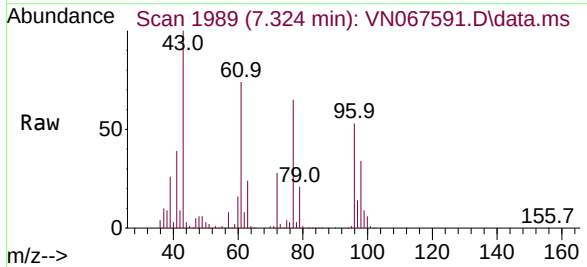
Manual Integrations
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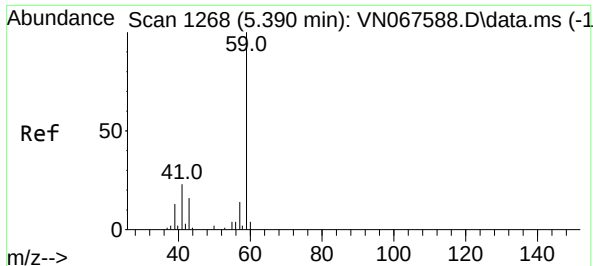
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7/5/2021 2:00:56 PM



#22
cis-1,2-Dichloroethene
Concen: 155.022 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 96 Resp: 1121198
Ion Ratio Lower Upper
96 100
61 139.3 131.2 196.8
98 64.8 50.7 76.1





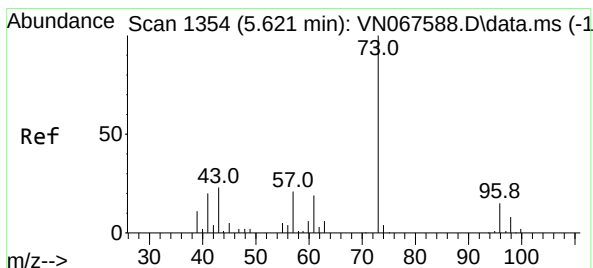
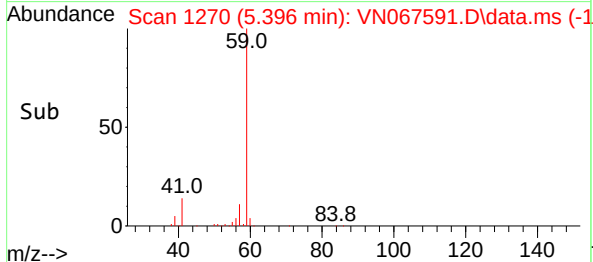
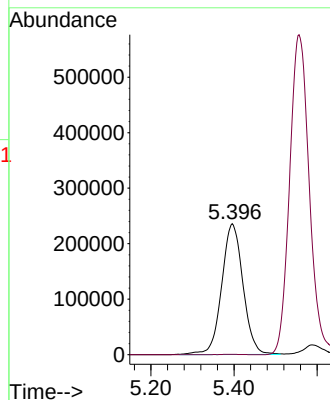
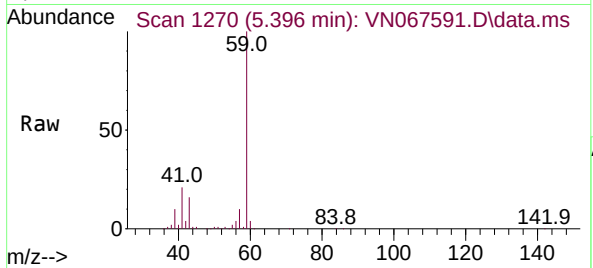
#23
tert-Butyl Alcohol
Concen: 590.259 ug/l
RT: 5.396 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 59 Resp: 839858
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

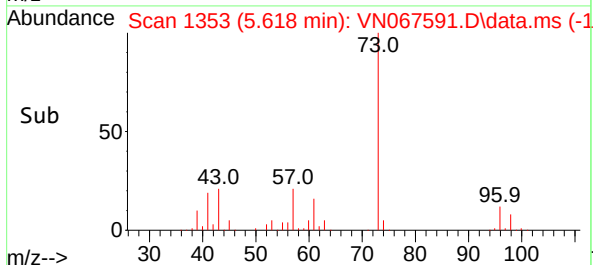
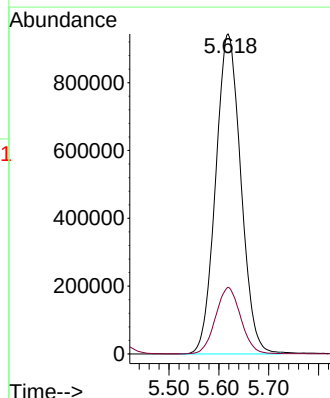
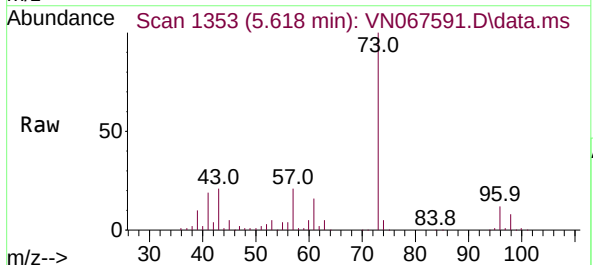
Manual Integrations
APPROVED

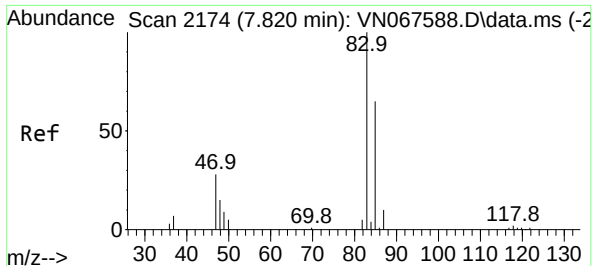
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#24
Methyl tert-Butyl Ether
Concen: 145.513 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 73 Resp: 3317197
Ion Ratio Lower Upper
73 100
43 20.6 20.0 30.0





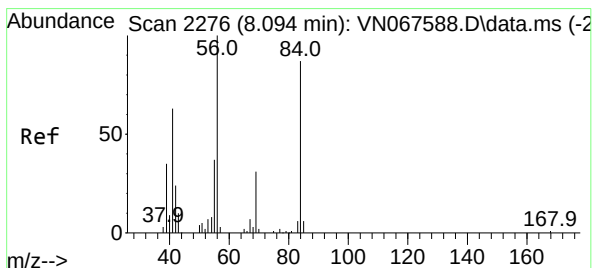
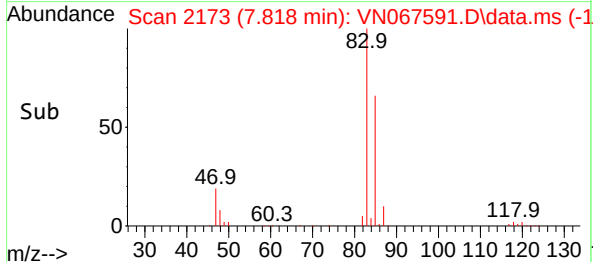
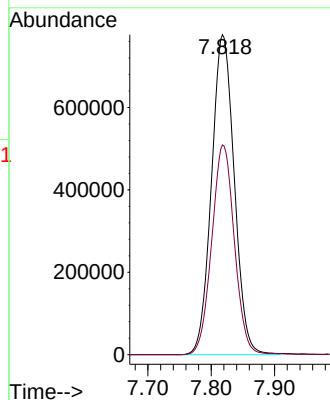
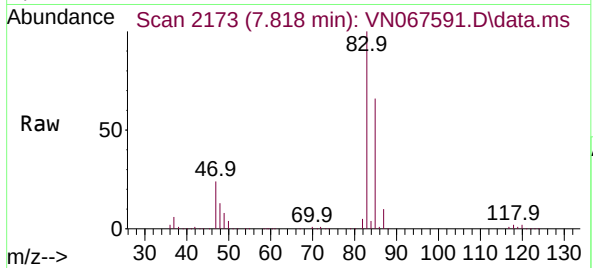
#25
Chloroform
Concen: 146.985 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 83 Resp: 1940161
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

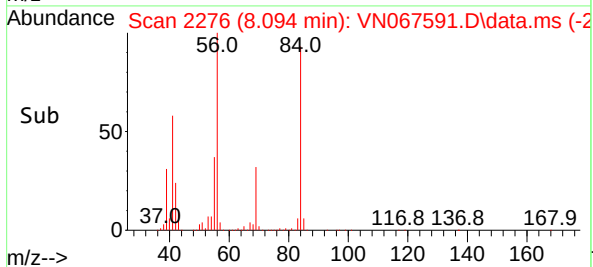
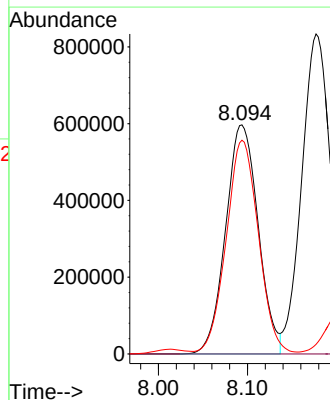
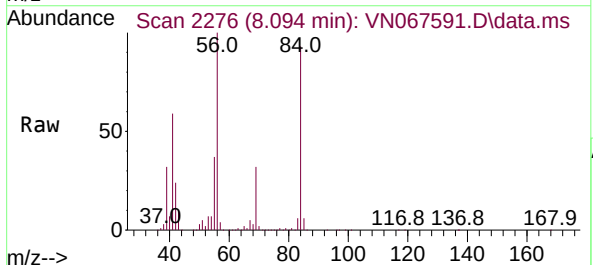
Manual Integrations
APPROVED

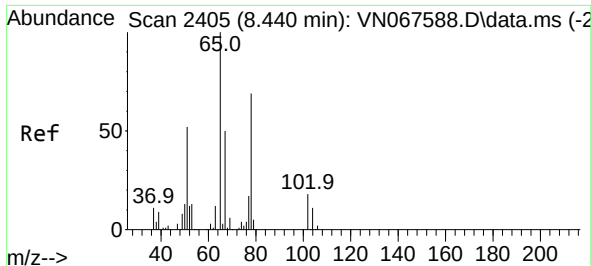
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7/5/2021 2:00:56 PM



#26
Cyclohexane
Concen: 138.270 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 56 Resp: 1521077
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.5 66.2 99.2





#27

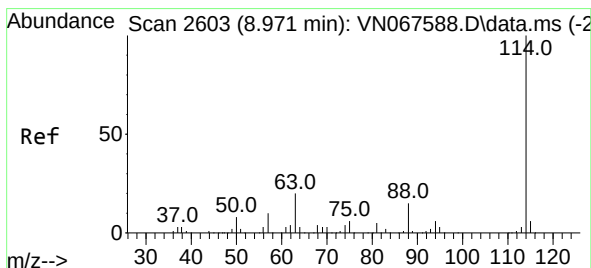
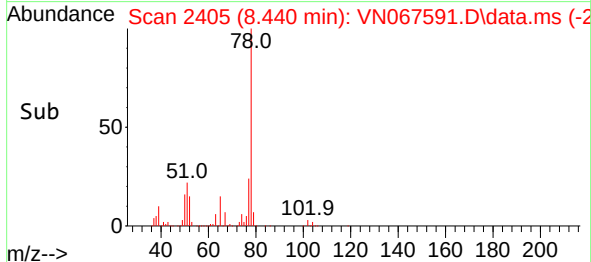
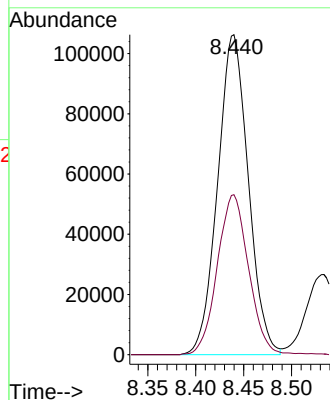
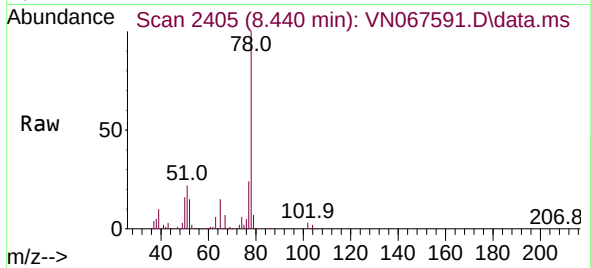
1,2-Dichloroethane-d4
Concen: 22.660 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 65 Resp: 236354
Ion Ratio Lower Upper
65 100
67 50.8 39.8 59.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
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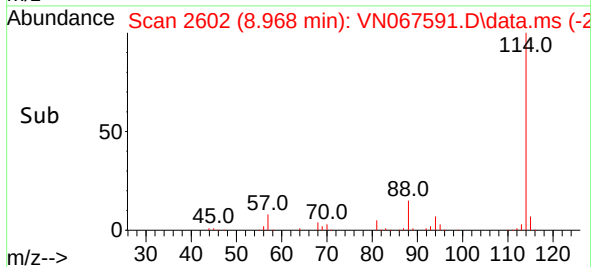
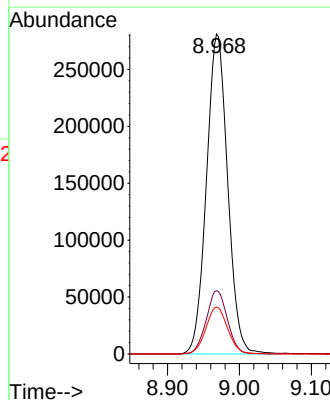
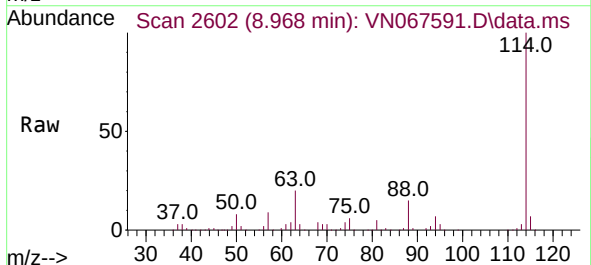
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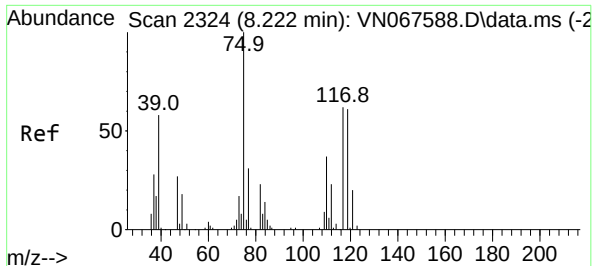


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 114 Resp: 576730
Ion Ratio Lower Upper
114 100
63 19.8 20.3 30.5#
88 15.0 14.6 22.0





#29

1,1-Dichloropropene
Concen: 160.318 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

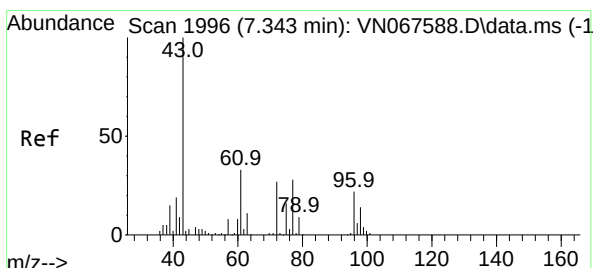
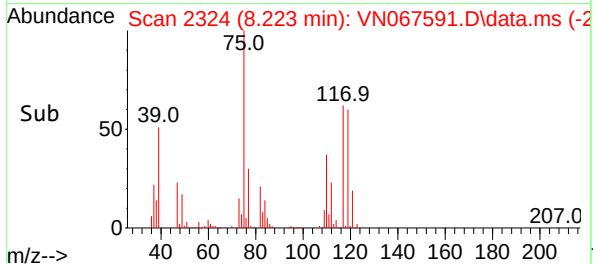
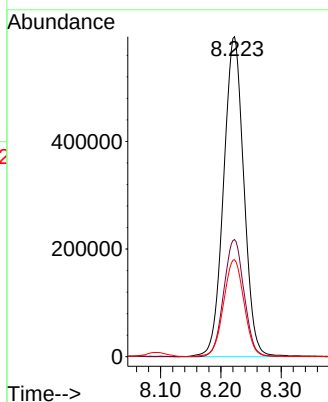
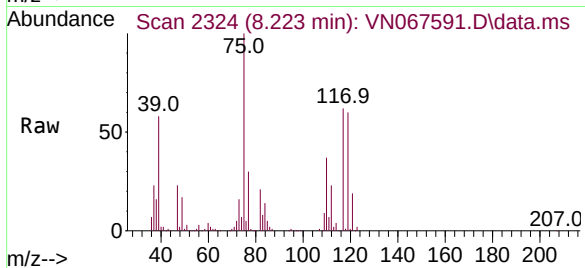
Tgt Ion: 75 Resp: 1386962

Ion	Ratio	Lower	Upper
75	100		
110	36.7	0.0	63.4
77	30.7	0.0	63.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
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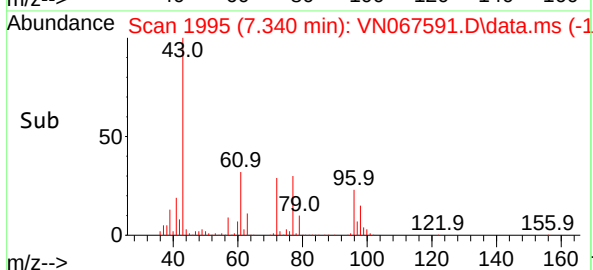
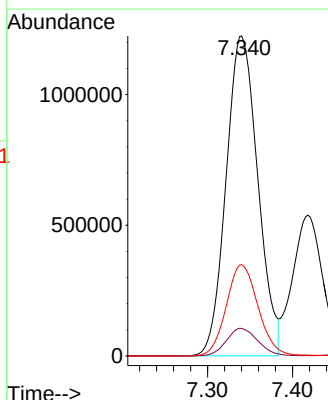
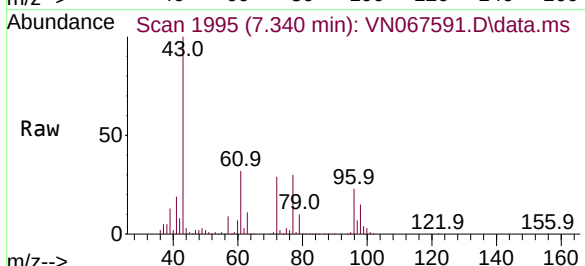


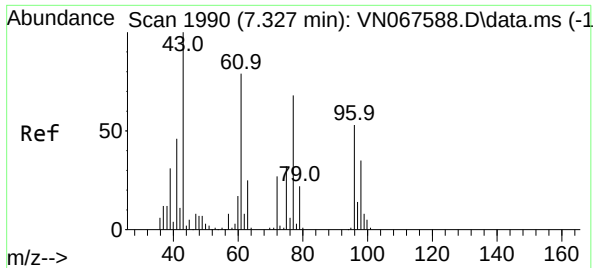
#30

2-Butanone
Concen: 735.993 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 43 Resp: 3174979

Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.9	10.3
72	28.8	20.0	30.0





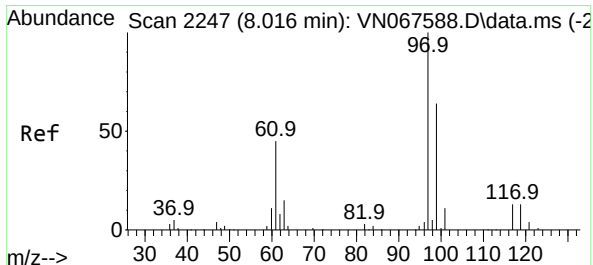
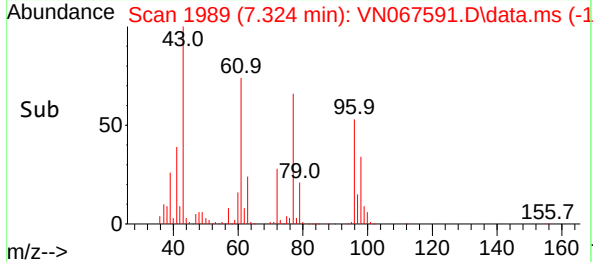
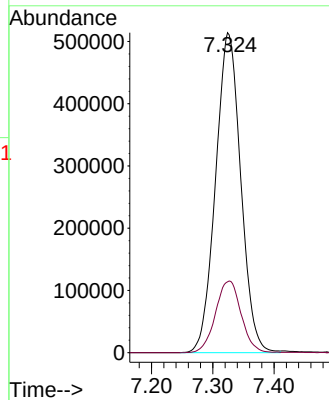
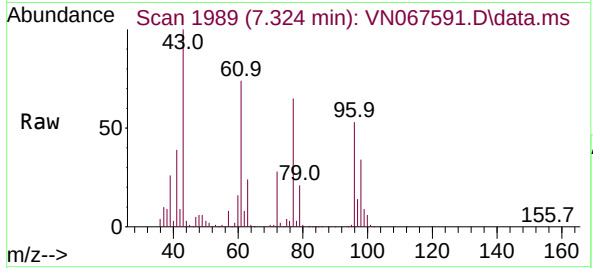
#31
2,2-Dichloropropane
Concen: 159.787 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 77 Resp: 1468602
Ion Ratio Lower Upper
77 100
97 22.8 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

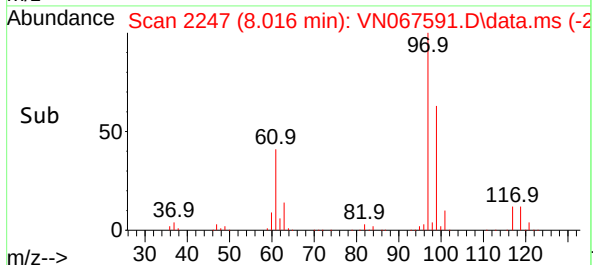
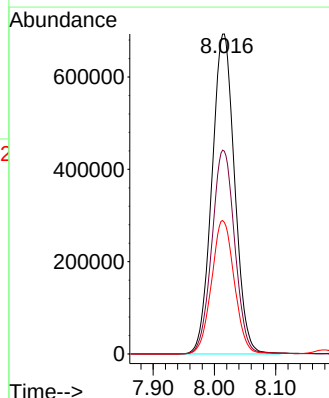
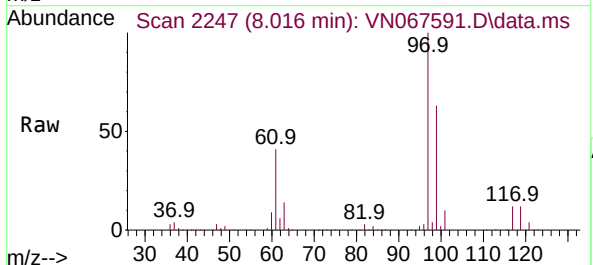
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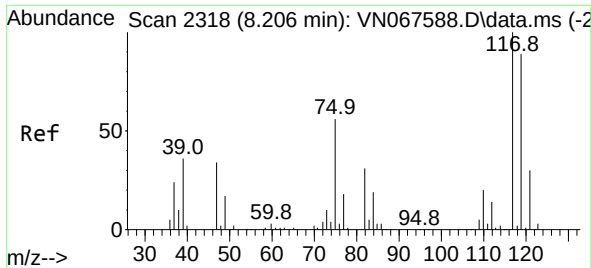
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#32
1,1,1-Trichloroethane
Concen: 164.502 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

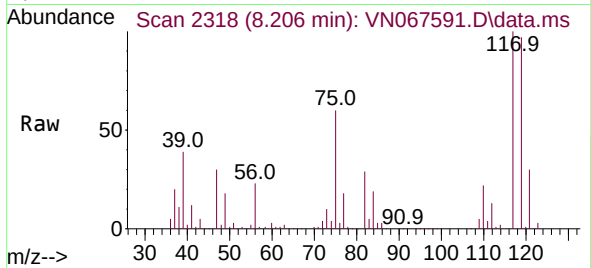
Tgt Ion: 97 Resp: 1784932
Ion Ratio Lower Upper
97 100
99 64.1 49.7 74.5
61 41.6 38.0 57.0





#33
Carbon Tetrachloride
Concen: 169.676 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

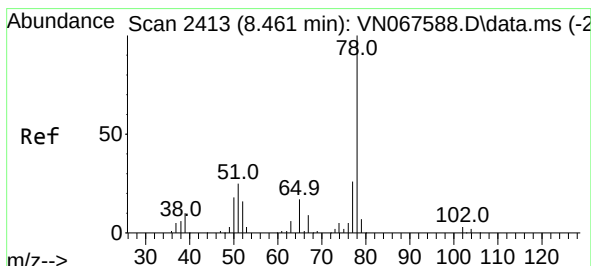
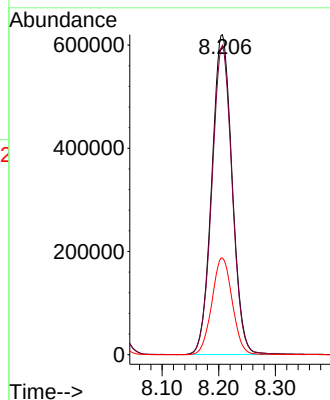
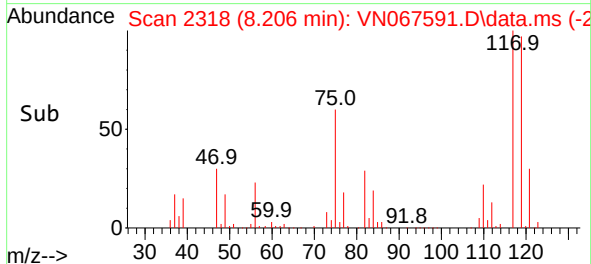
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



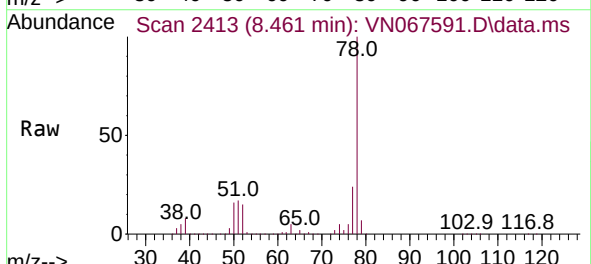
Tgt Ion:117 Resp: 1552411
Ion Ratio Lower Upper
117 100
119 96.6 73.3 109.9
121 30.2 24.2 36.4

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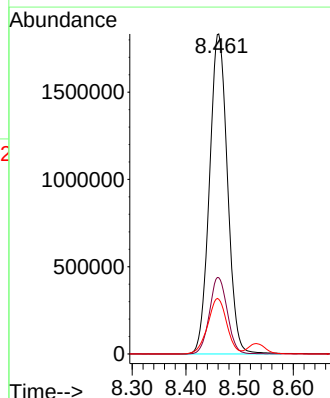
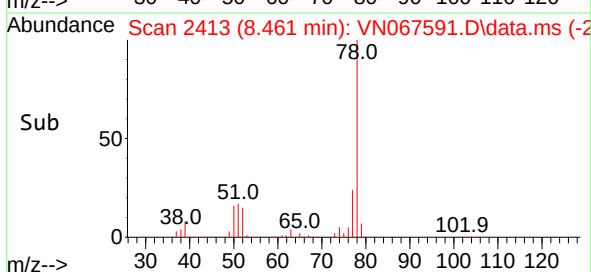
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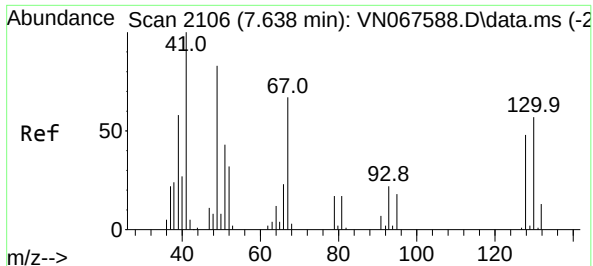


#34
Benzene
Concen: 171.919 ug/l m
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



Tgt Ion: 78 Resp: 4254998
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
51 17.1 20.0 30.0#





#35

Methacrylonitrile

Concen: 144.503 ug/l

RT: 7.641 min Scan# 2107

Delta R.T. 0.003 min

Lab File: VN067591.D

Acq: 1 Jul 2021 11:48

Tgt Ion: 41 Resp: 665847

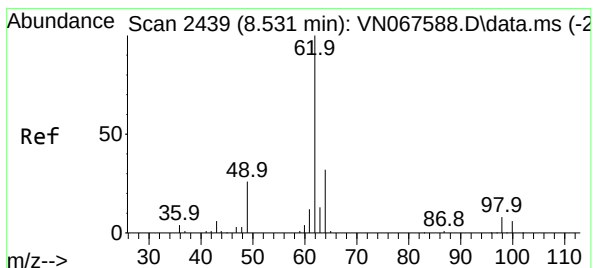
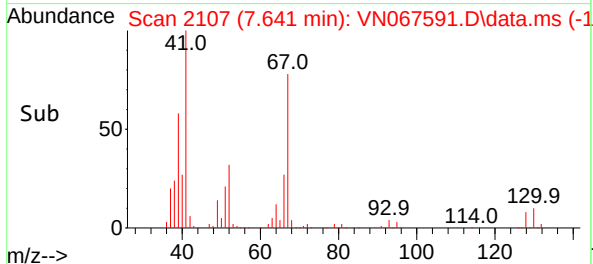
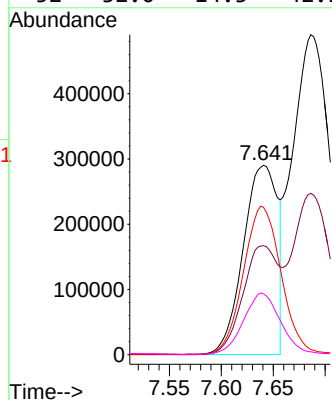
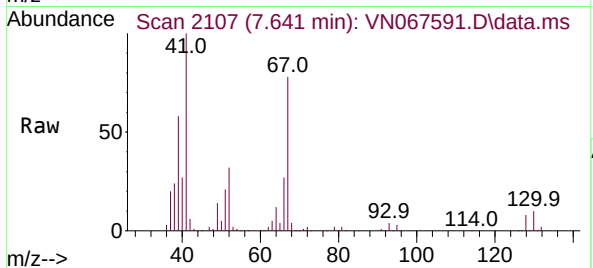
Ion Ratio Lower Upper

41 100

39 57.5 30.3 90.9

67 78.0 32.1 96.3

52 32.0 14.3 42.9



#36

1,2-Dichloroethane

Concen: 147.287 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VN067591.D

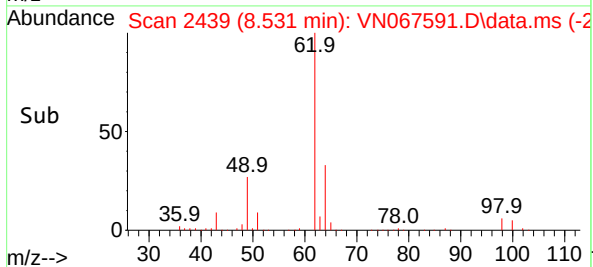
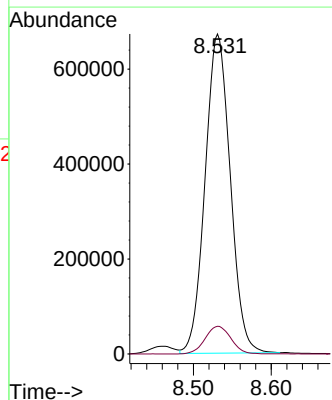
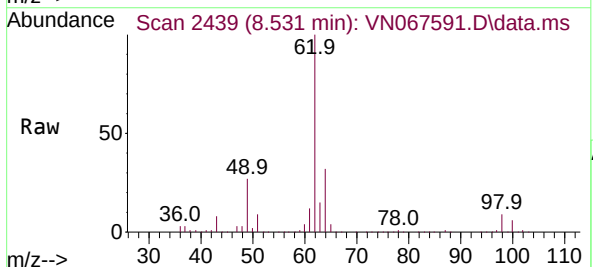
Acq: 1 Jul 2021 11:48

Tgt Ion: 62 Resp: 1510985

Ion Ratio Lower Upper

62 100

98 8.9 6.0 9.0



Instrument :

MSVOA_N

ClientSampleId :

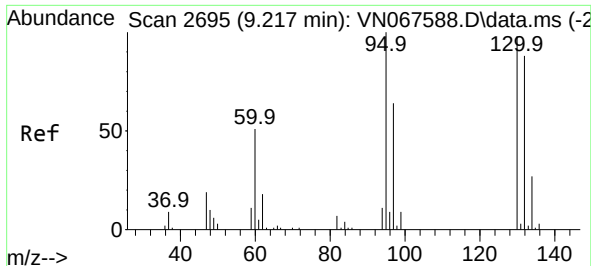
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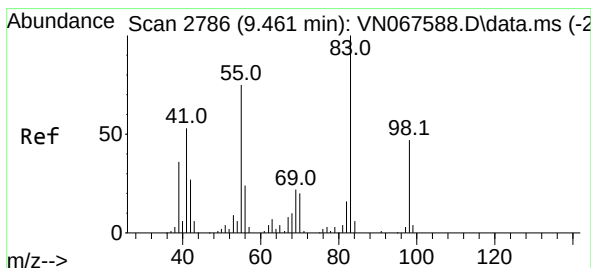
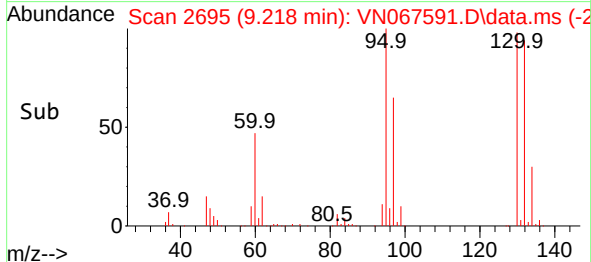
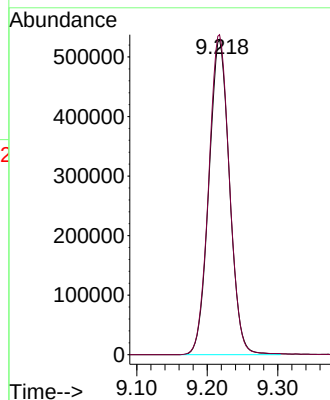
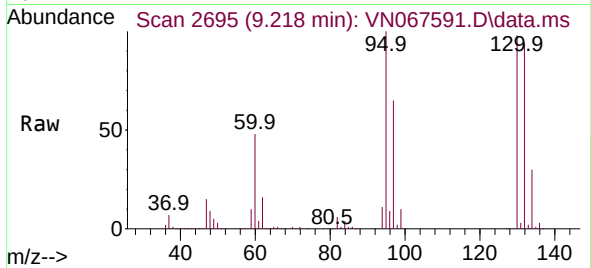
#37
Trichloroethene
Concen: 178.972 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion:130 Resp: 1074716
Ion Ratio Lower Upper
130 100
95 101.6 92.2 138.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

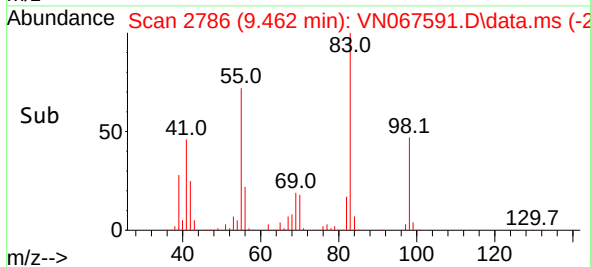
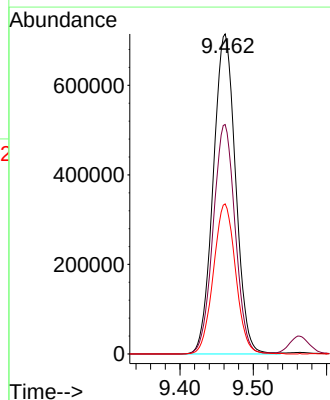
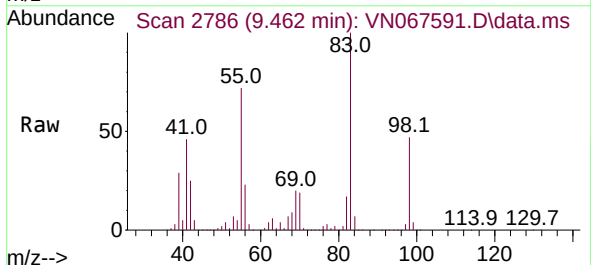
Manual Integrations
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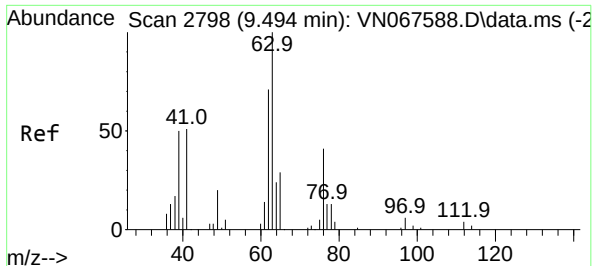
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#38
Methylcyclohexane
Concen: 166.949 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 83 Resp: 1516165
Ion Ratio Lower Upper
83 100
55 70.7 41.5 124.6
98 46.6 22.4 67.0





#39

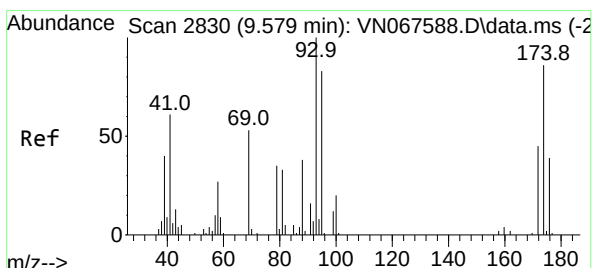
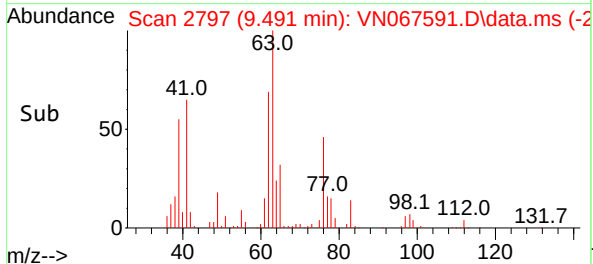
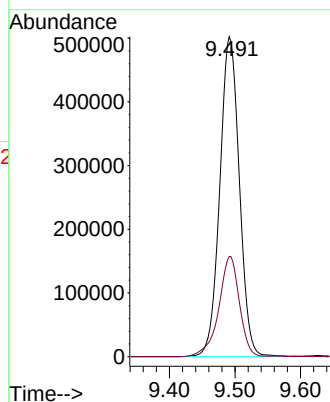
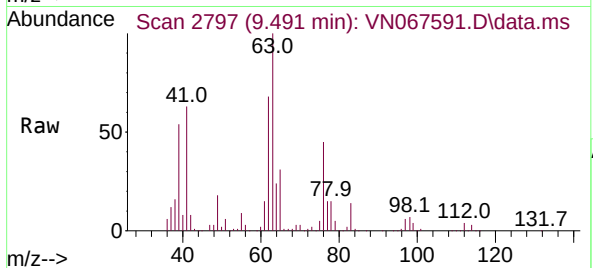
1,2-Dichloropropane
Concen: 156.610 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 63 Resp: 1038139
Ion Ratio Lower Upper
63 100
65 31.3 24.5 36.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
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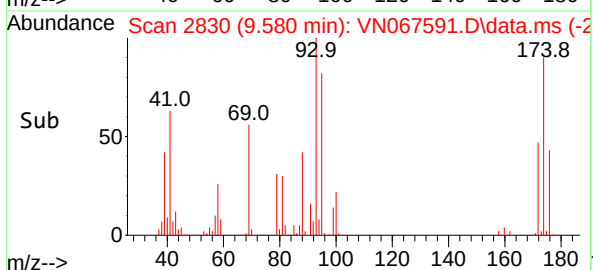
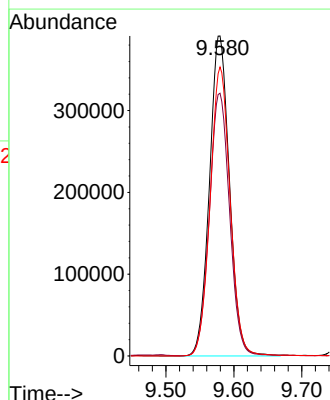
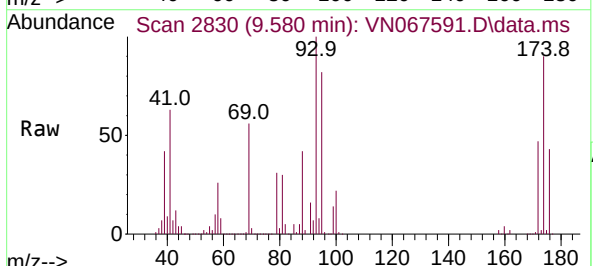
MMDadoda
7/5/2021 2:00:56 PM

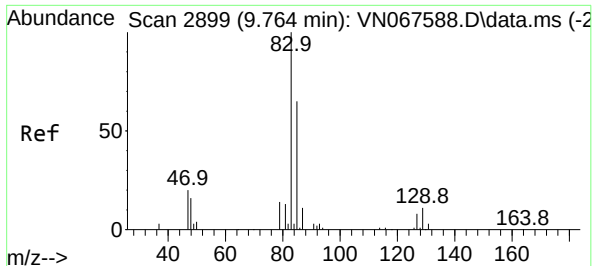


#40

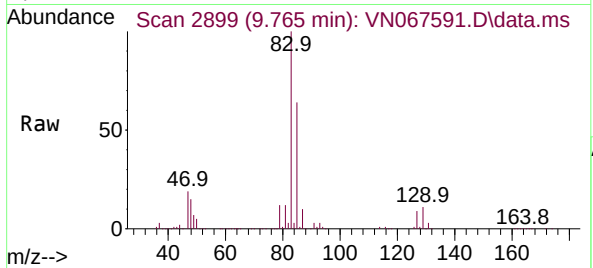
Dibromomethane
Concen: 173.875 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 93 Resp: 800644
Ion Ratio Lower Upper
93 100
95 82.7 0.0 167.6
174 90.1 0.0 148.4



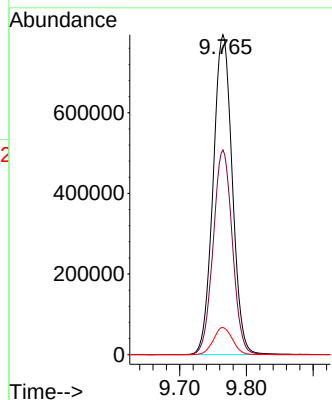


#41
Bromodichloromethane
Concen: 164.866 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



Tgt Ion: 83 Resp: 1580349

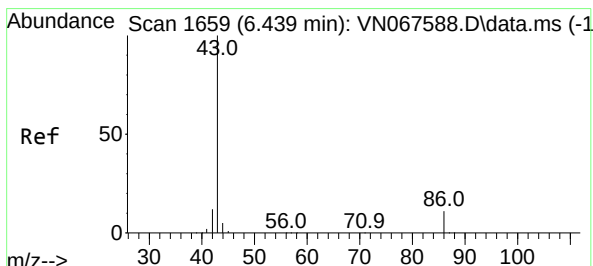
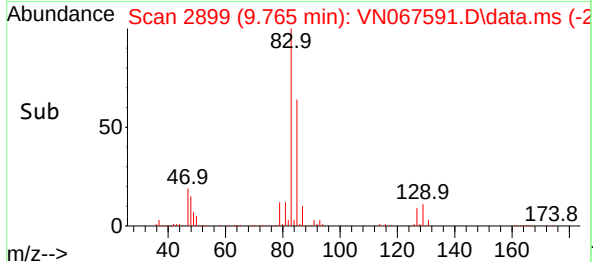
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	8.5	6.6	9.8



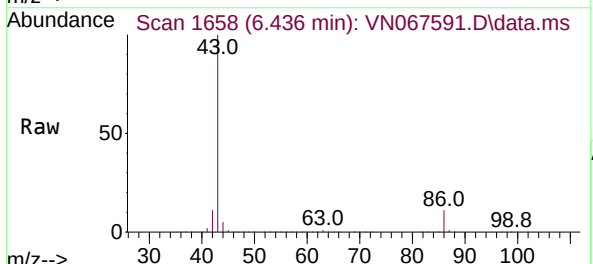
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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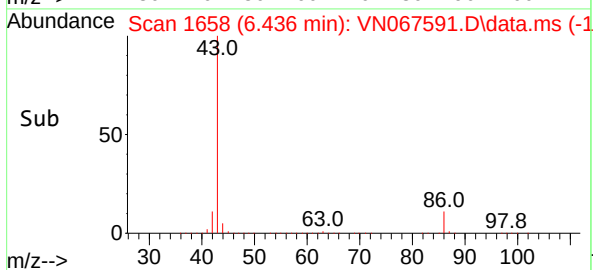
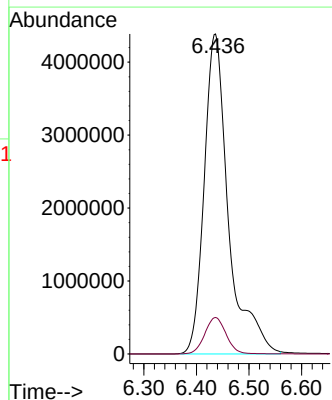


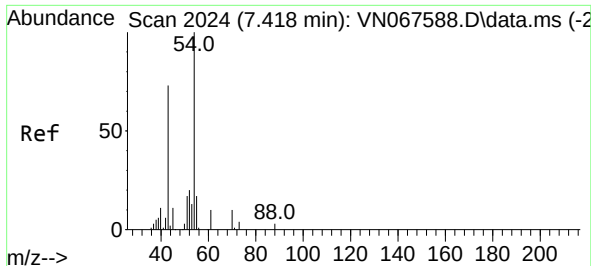
#42
Vinyl Acetate
Concen: 778.177 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



Tgt Ion: 43 Resp: 14121800

Ion	Ratio	Lower	Upper
43	100		
86	10.0	6.4	9.6#





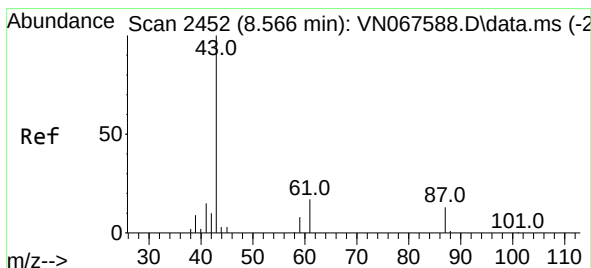
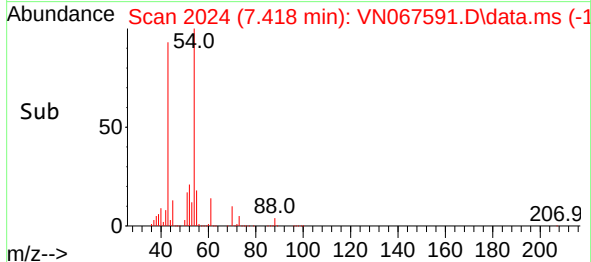
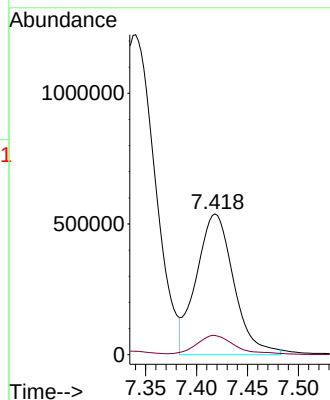
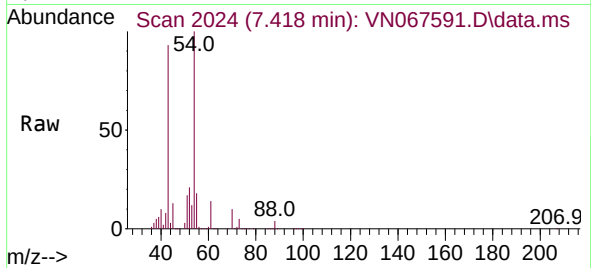
#43
Ethyl Acetate
Concen: 157.896 ug/l m
RT: 7.418 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 43 Resp: 1376161
Ion Ratio Lower Upper
43 100
45 2.5 1.0 1.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

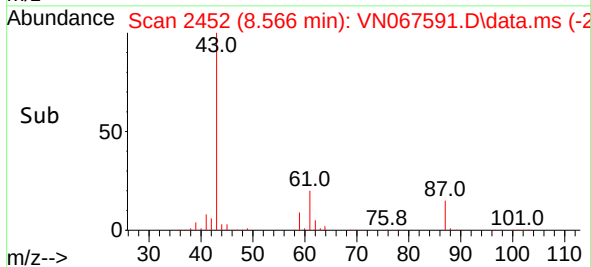
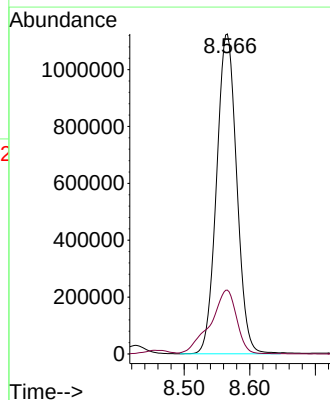
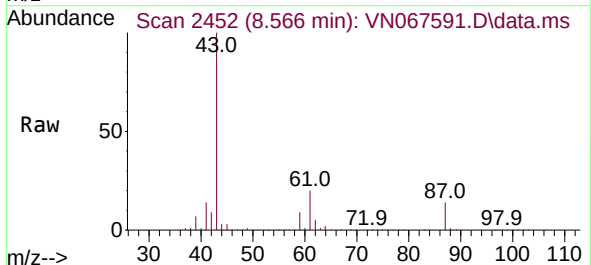
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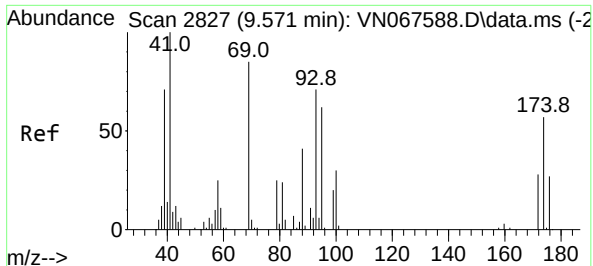
MMDadoda
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#44
Isopropyl Acetate
Concen: 146.936 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 43 Resp: 2393888
Ion Ratio Lower Upper
43 100
61 25.8 19.0 28.6





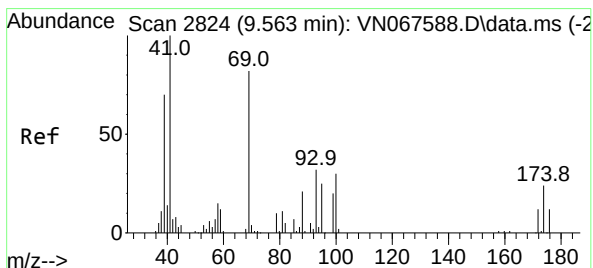
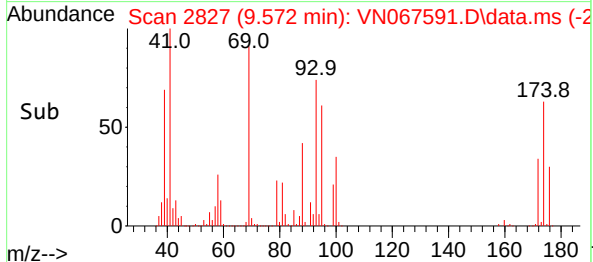
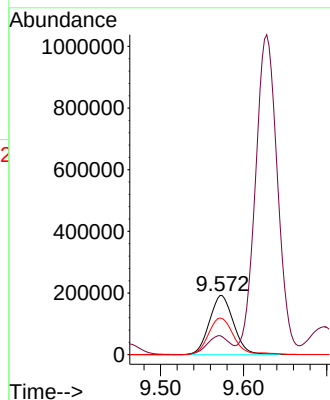
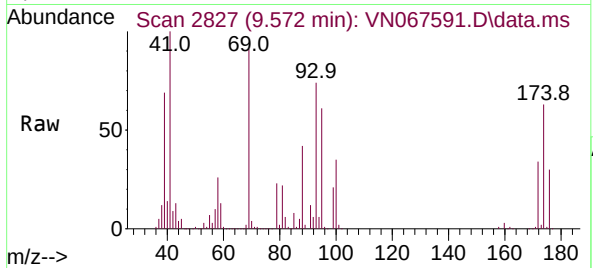
#45
1,4-Dioxane
Concen: 3605.535 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 88 Resp: 388911
Ion Ratio Lower Upper
88 100
43 29.8 18.0 27.0#
58 63.0 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
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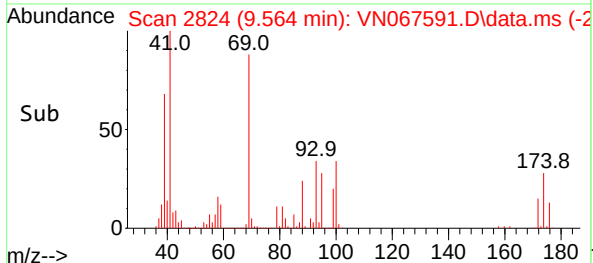
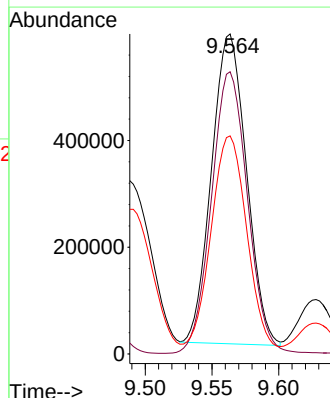
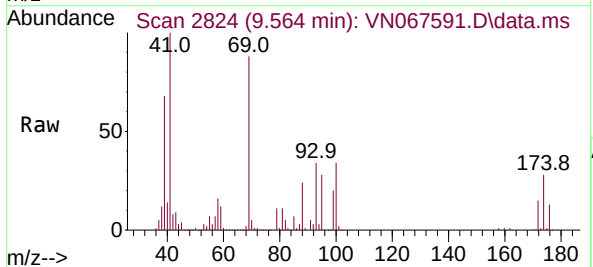
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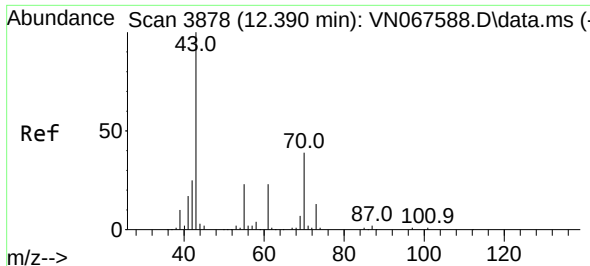
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#46
Methyl methacrylate
Concen: 146.305 ug/l
RT: 9.564 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 41 Resp: 1055321
Ion Ratio Lower Upper
41 100
69 90.6 38.0 114.1
39 68.4 33.9 101.7





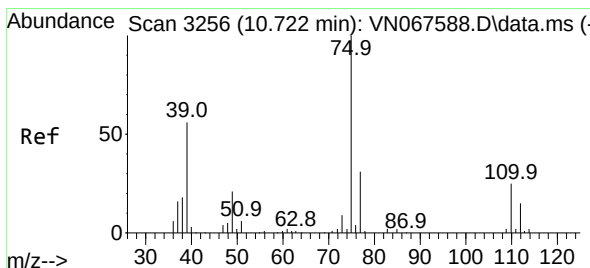
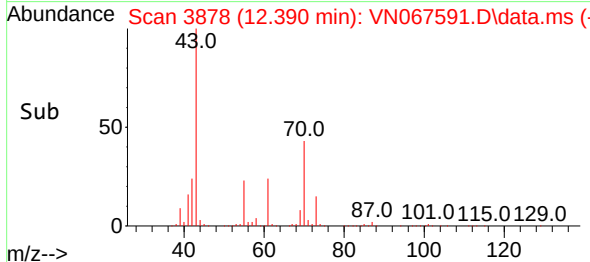
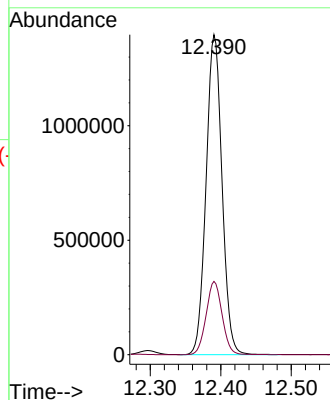
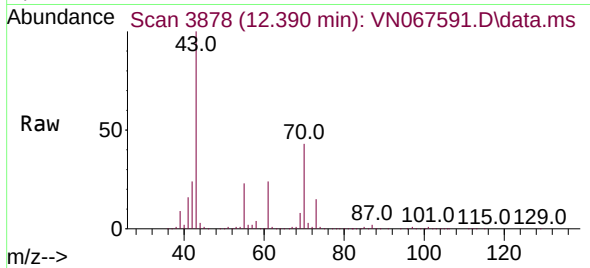
#47
n-amy1 Acetate
Concen: 159.679 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 43 Resp: 2190686
Ion Ratio Lower Upper
43 100
55 23.0 17.6 26.4

Instrument :
MSVOA_N
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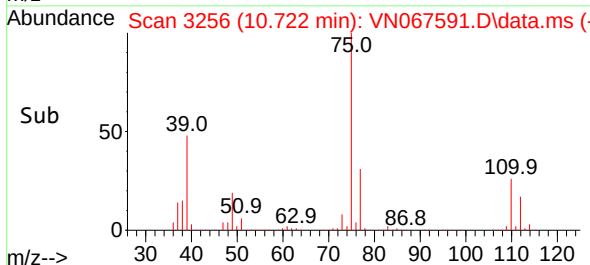
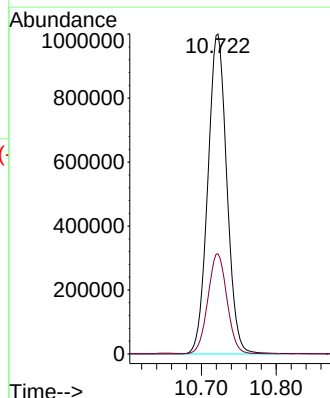
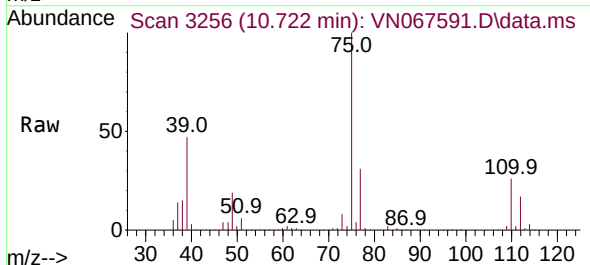
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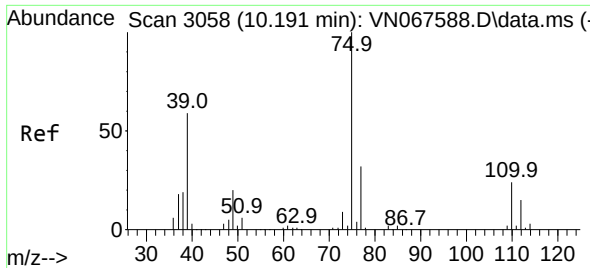
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#48
t-1,3-Dichloropropene
Concen: 169.308 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 75 Resp: 1769403
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0





#49
cis-1,3-Dichloropropene
Concen: 170.326 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

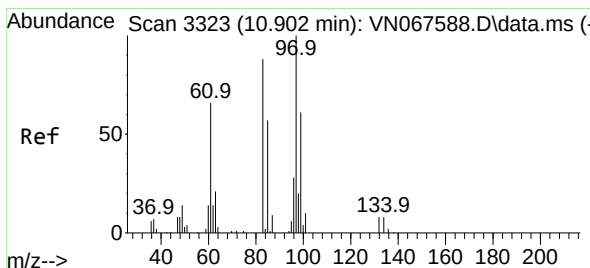
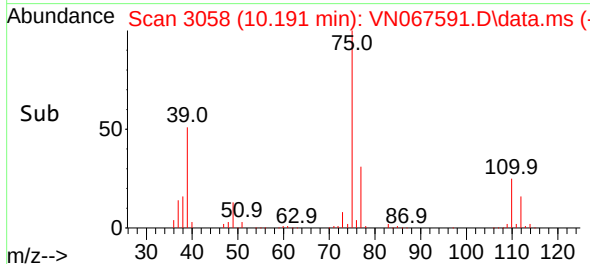
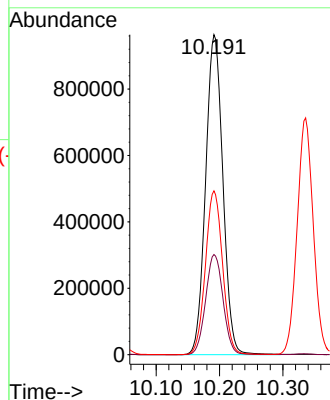
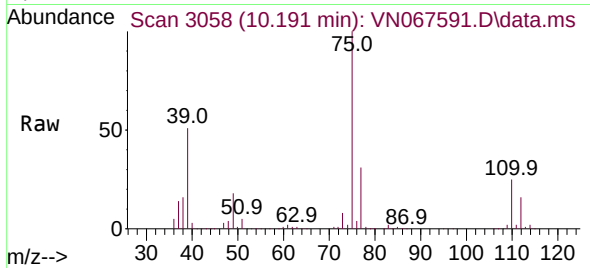
Tgt Ion: 75 Resp: 1822726

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.0	39.0
39	51.2	50.6	76.0

Instrument :
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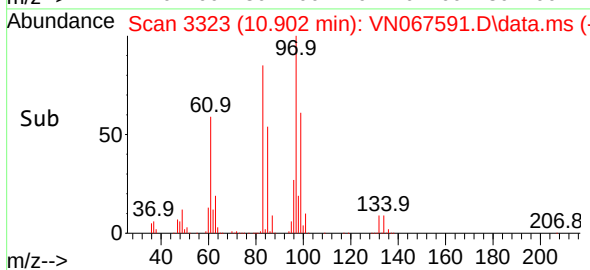
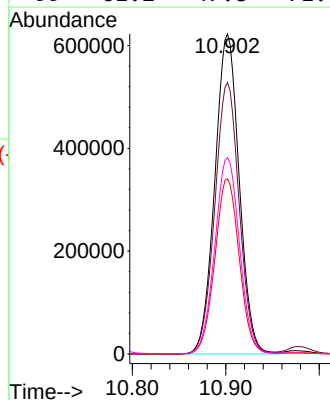
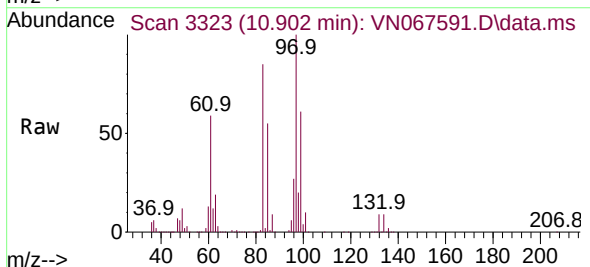
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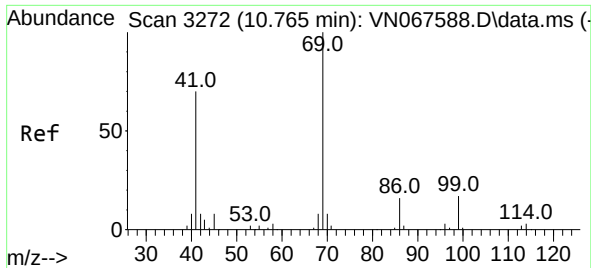


#50
1,1,2-Trichloroethane
Concen: 186.265 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

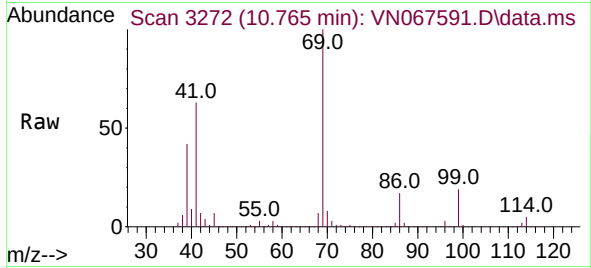
Tgt Ion: 97 Resp: 1129958

Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.6	104.4
85	54.7	45.2	67.8
99	61.2	47.8	71.6

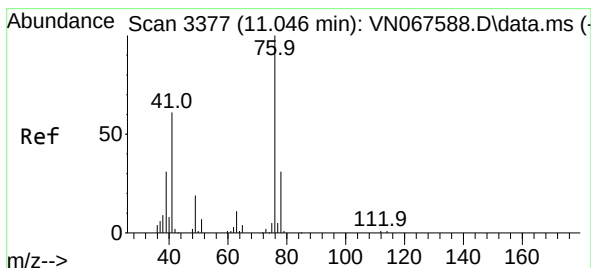
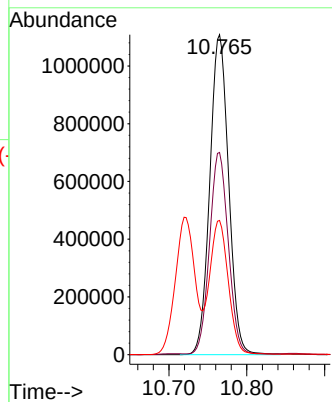
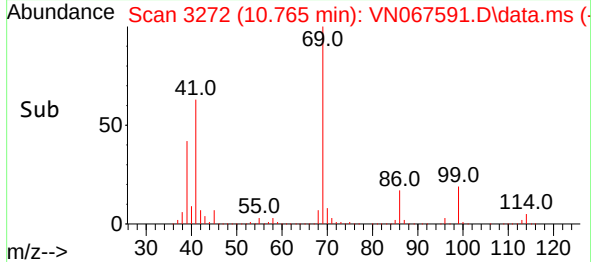




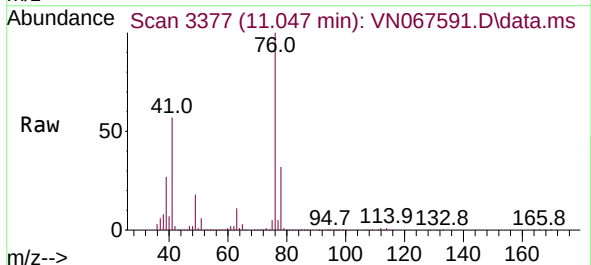
#51
Ethyl methacrylate
Concen: 175.751 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



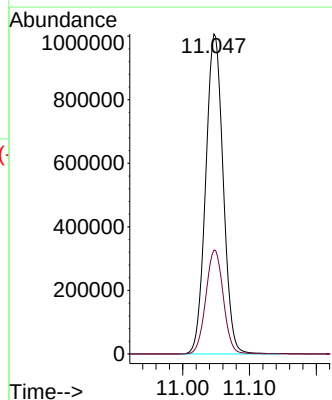
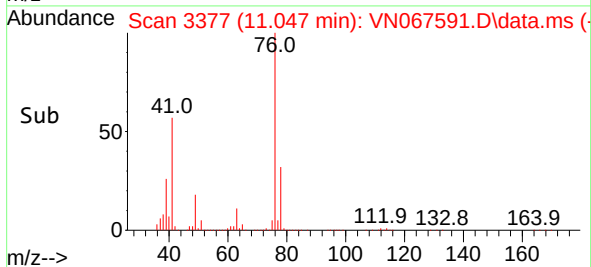
Tgt Ion: 69 Resp: 1862368
Ion Ratio Lower Upper
69 100
41 63.0 36.8 110.4
39 41.8 23.8 71.2



#52
1,3-Dichloropropane
Concen: 168.996 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



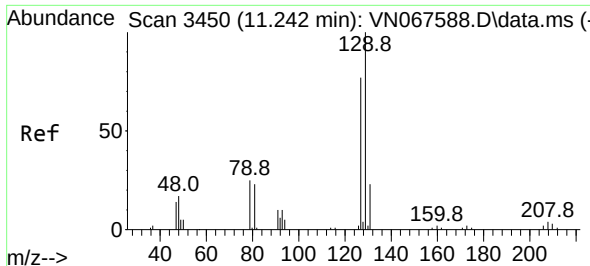
Tgt Ion: 76 Resp: 1828930
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.0



Instrument :
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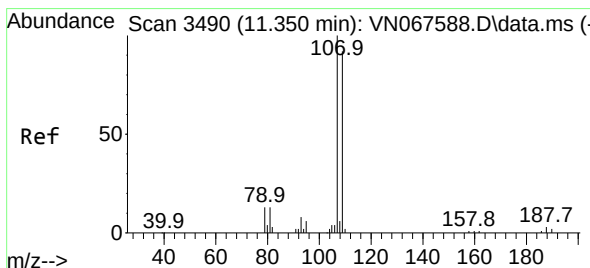
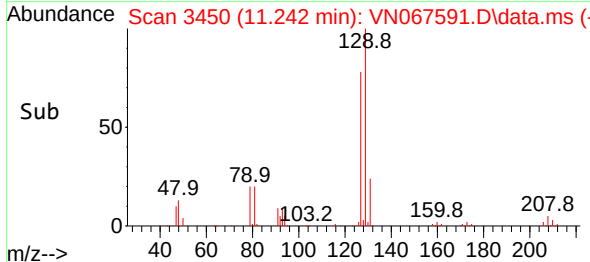
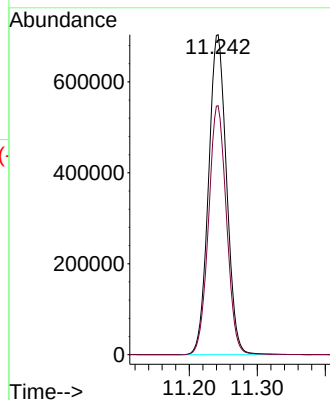
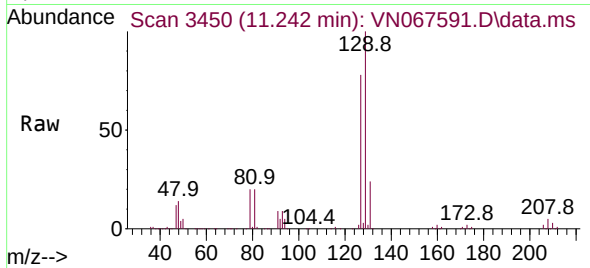
#53
Dibromochloromethane
Concen: 196.046 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion:129 Resp: 1297720
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4

Instrument :
MSVOA_N
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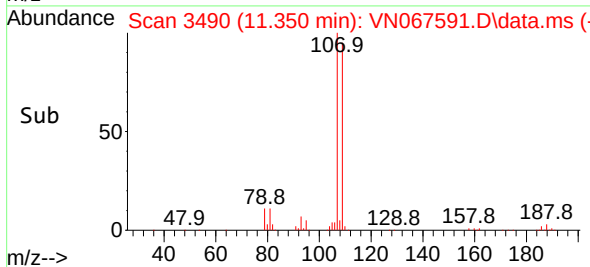
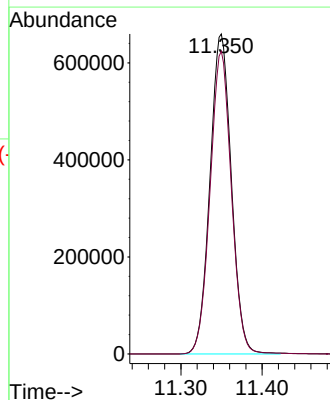
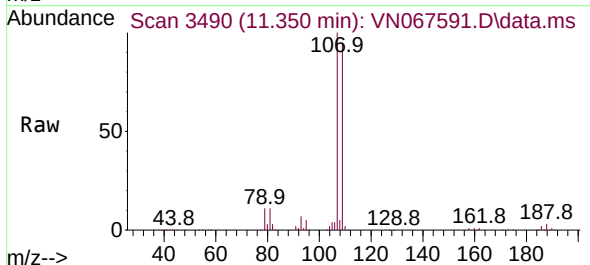
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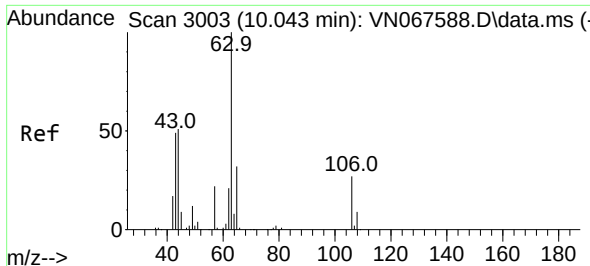
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#54
1,2-Dibromoethane
Concen: 190.233 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion:107 Resp: 1203466
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 874.364 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

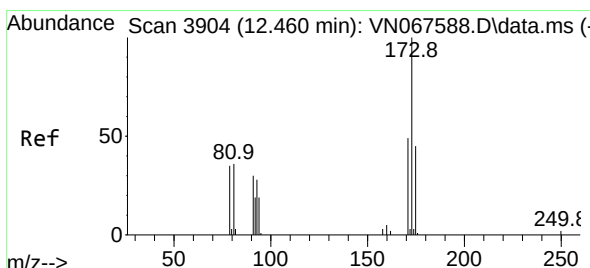
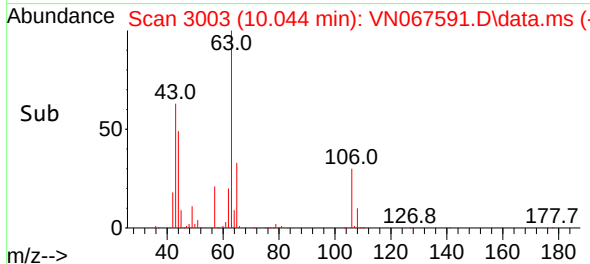
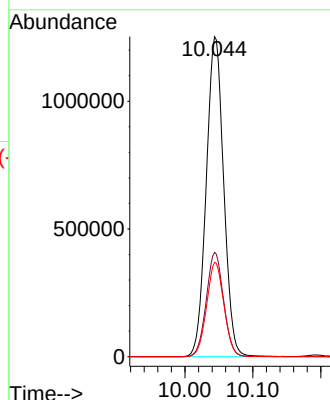
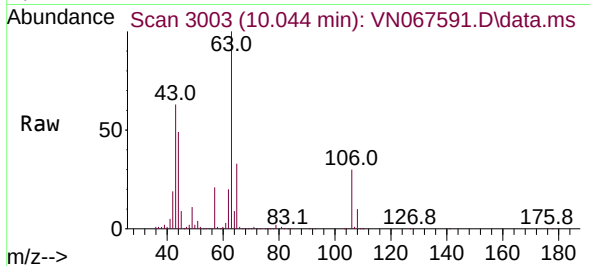
Tgt Ion: 63 Resp: 2230189

Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.6	38.4
106	29.3	20.0	30.0

Instrument :
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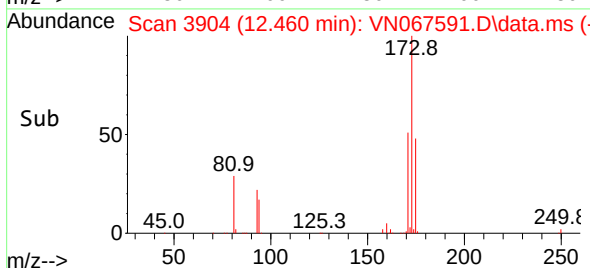
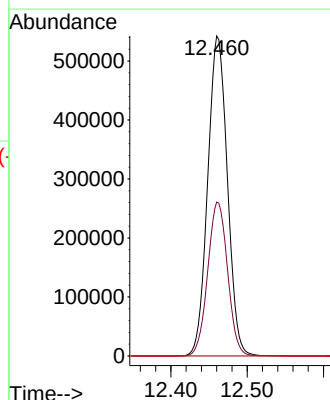
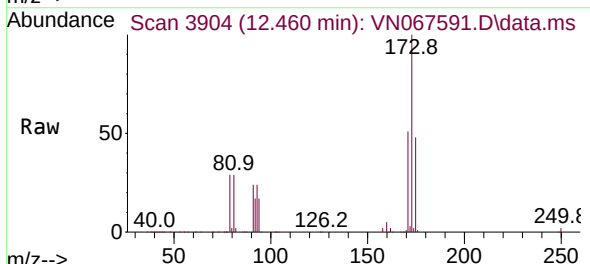
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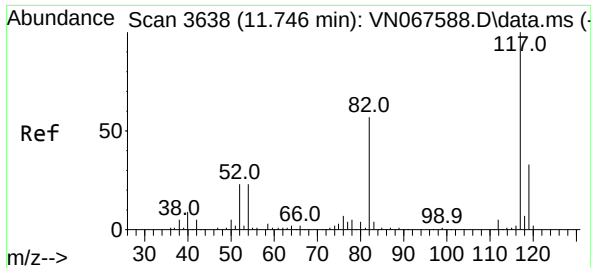


#56
Bromoform
Concen: 217.799 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

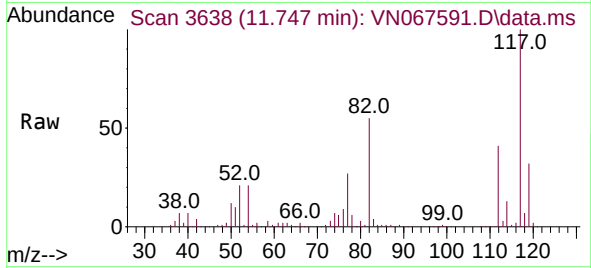
Tgt Ion:173 Resp: 970166

Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.2
254	0.0	0.0	0.0

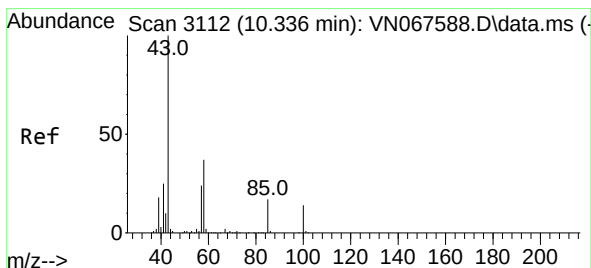
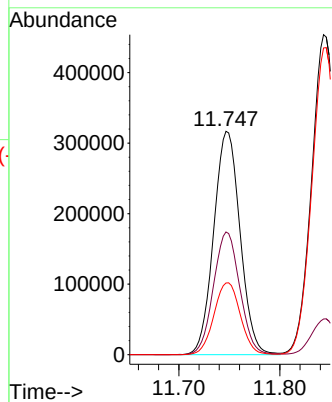
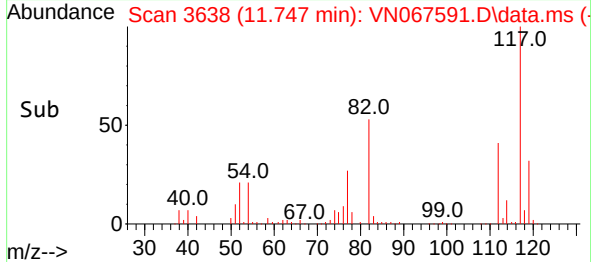




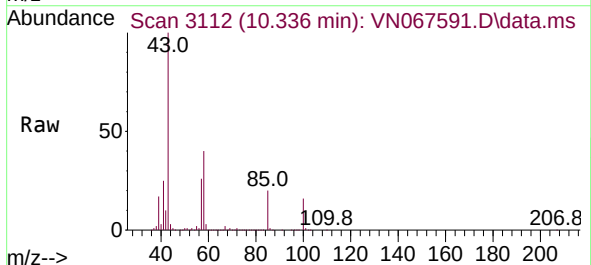
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



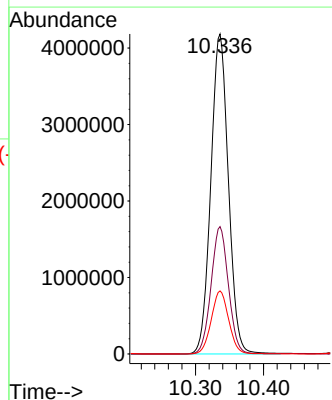
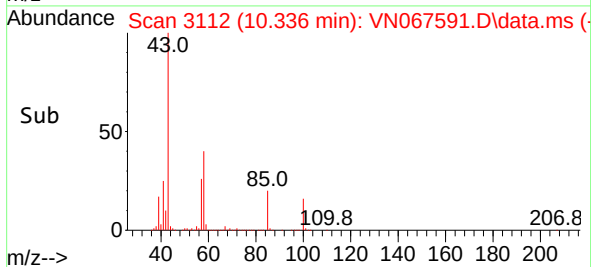
Tgt Ion: 117 Resp: 575101
Ion Ratio Lower Upper
117 100
82 54.7 52.5 78.7
119 32.1 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 725.159 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



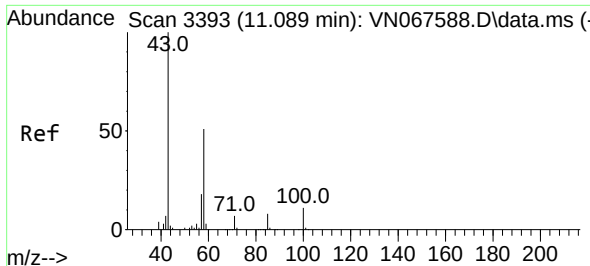
Tgt Ion: 43 Resp: 7504231
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.4
85 19.6 13.2 19.8



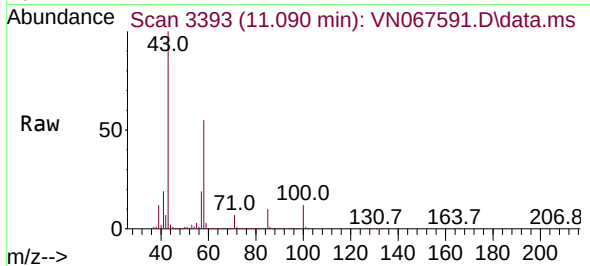
Instrument :
MSVOA_N
ClientSampleId :
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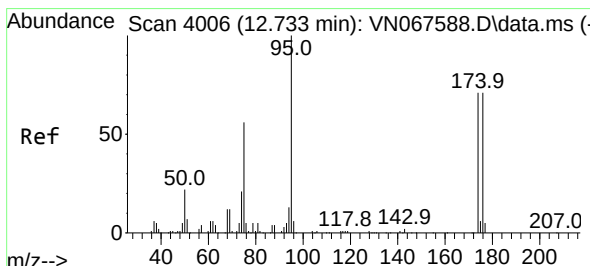
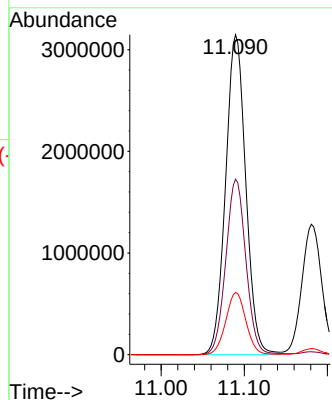
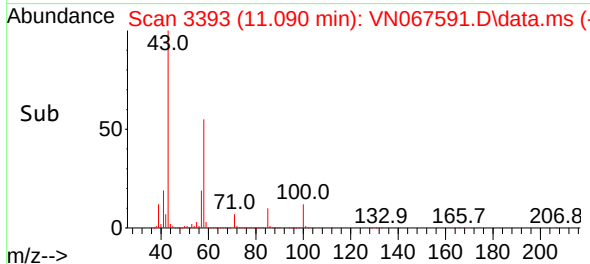
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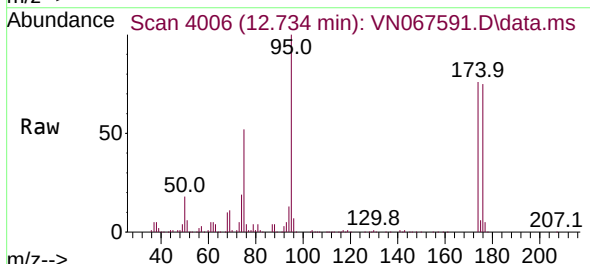
#59
2-Hexanone
Concen: 715.647 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



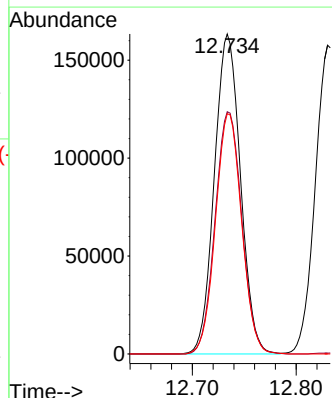
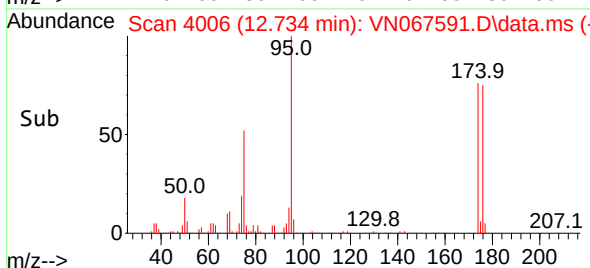
Tgt Ion: 43 Resp: 5310567
Ion Ratio Lower Upper
43 100
58 54.8 39.4 59.0
57 19.5 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 27.357 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



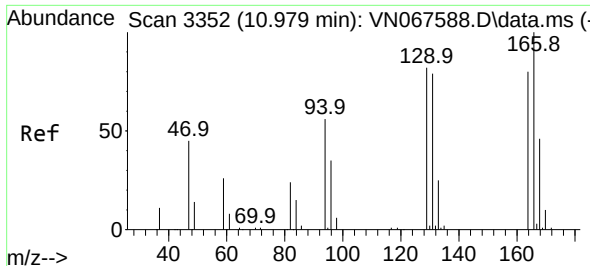
Tgt Ion: 95 Resp: 285152
Ion Ratio Lower Upper
95 100
174 77.5 47.7 71.5#
176 75.3 45.7 68.5#



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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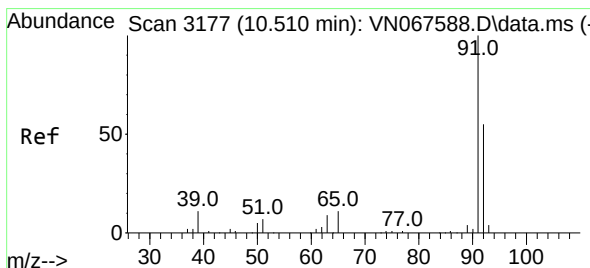
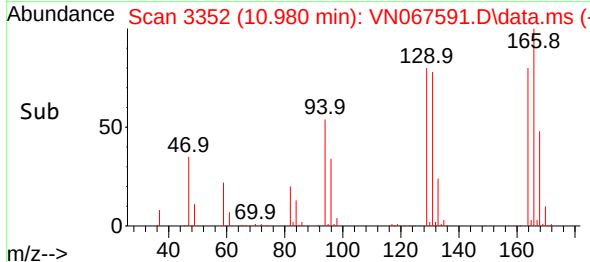
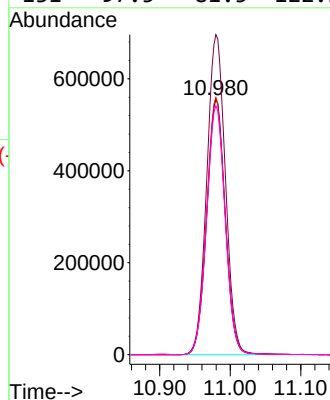
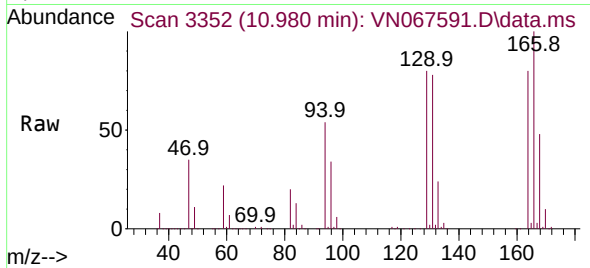
#61
Tetrachloroethene
Concen: 171.218 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion:164 Resp: 1013554
Ion Ratio Lower Upper
164 100
166 125.3 101.0 151.4
129 100.7 85.5 128.3
131 97.5 81.5 122.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

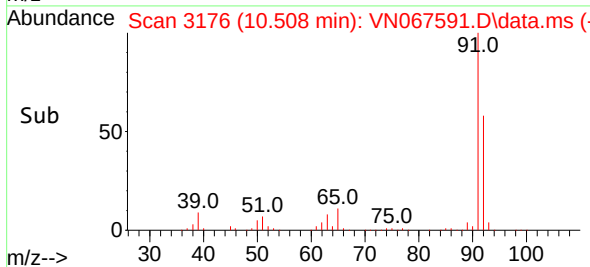
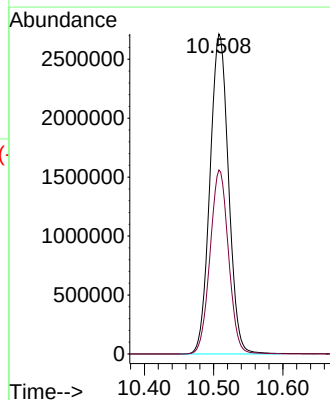
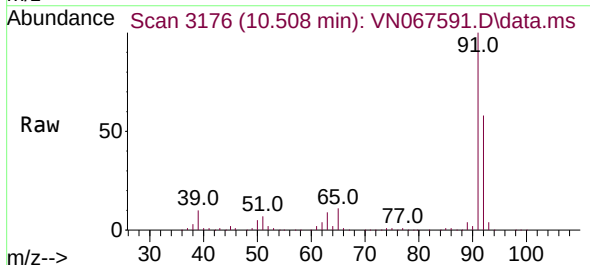
Manual Integrations
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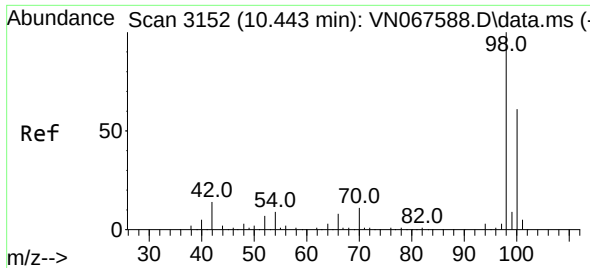
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#62
Toluene
Concen: 169.908 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 91 Resp: 5055300
Ion Ratio Lower Upper
91 100
92 57.3 46.1 69.1





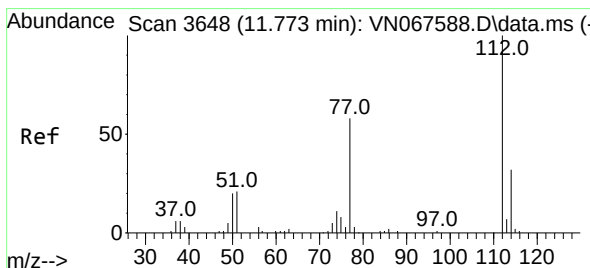
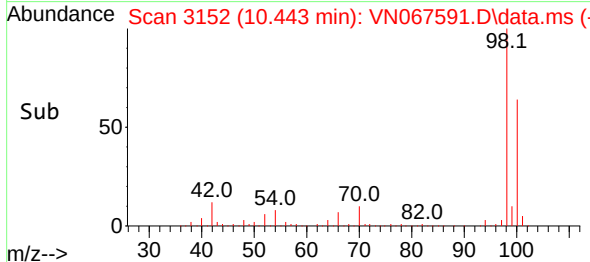
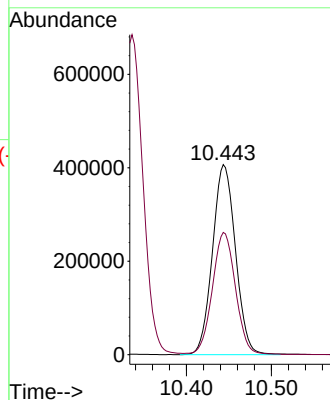
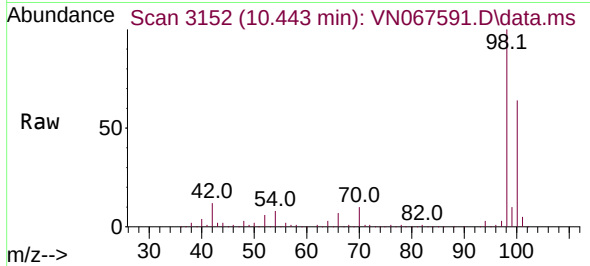
#63
Toluene-d8
Concen: 28.242 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 98 Resp: 765973
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

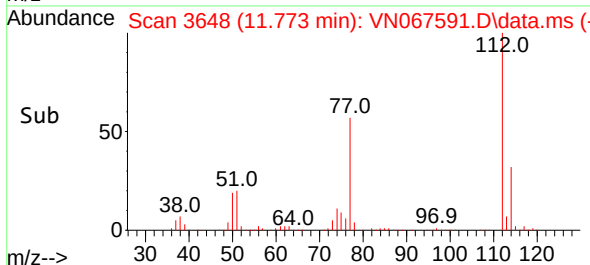
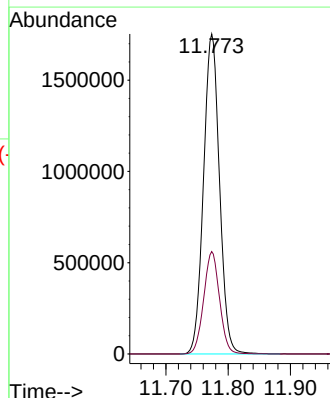
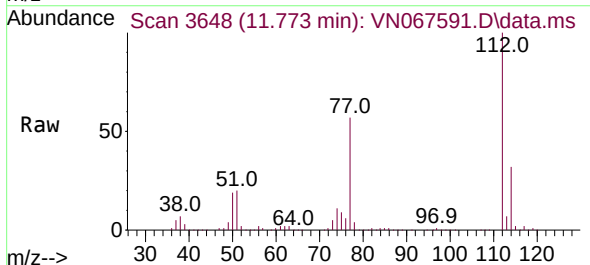
Manual Integrations
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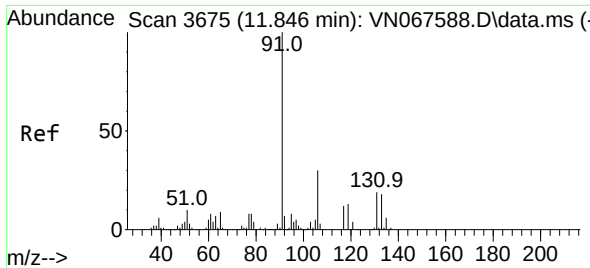
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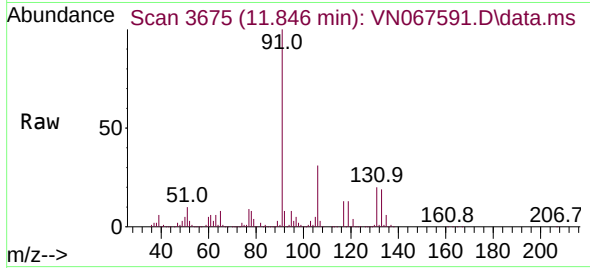
#64
Chlorobenzene
Concen: 178.111 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion:112 Resp: 3120673
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

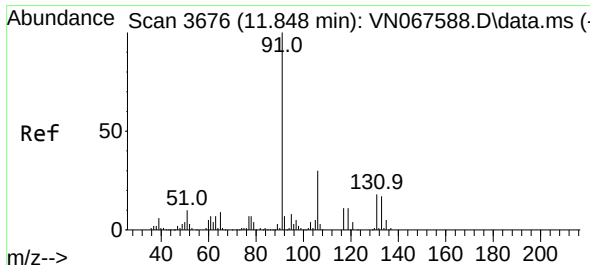
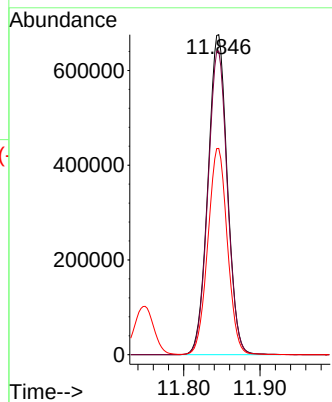
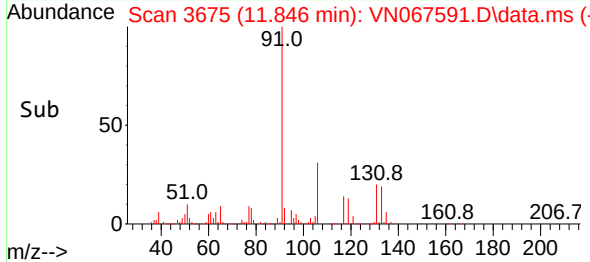




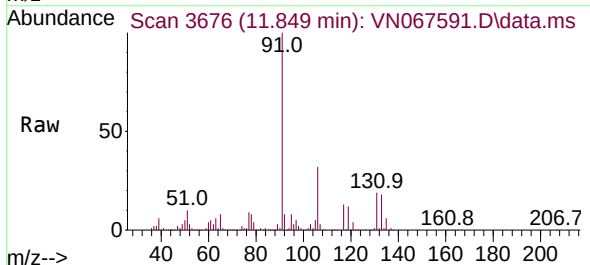
#65
1,1,1,2-Tetrachloroethane
Concen: 182.161 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



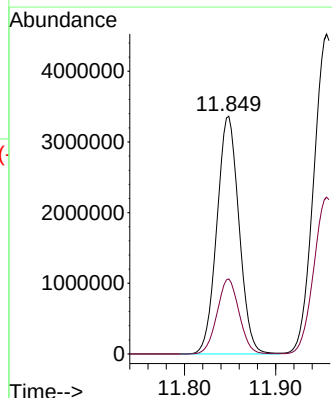
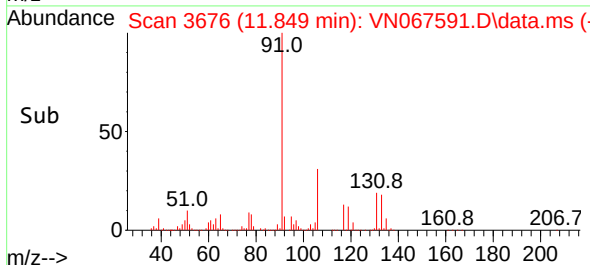
Tgt Ion:131 Resp: 1192658
Ion Ratio Lower Upper
131 100
133 95.6 0.0 189.6
119 64.8 0.0 130.0



#66
Ethyl Benzene
Concen: 166.171 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



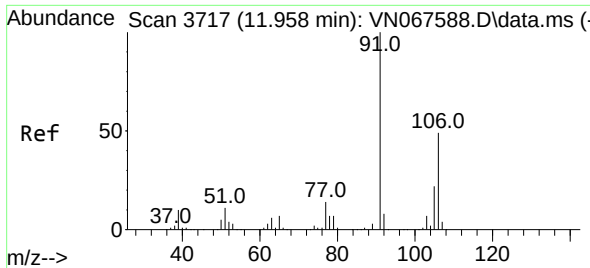
Tgt Ion: 91 Resp: 5673994
Ion Ratio Lower Upper
91 100
106 31.6 23.4 35.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
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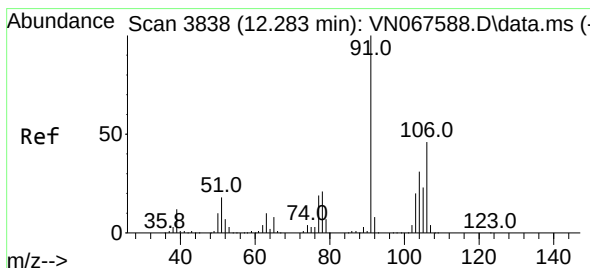
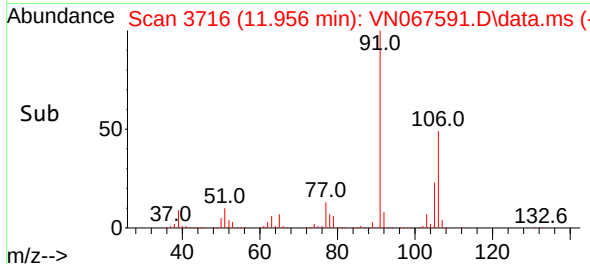
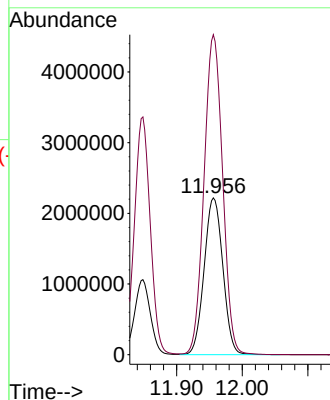
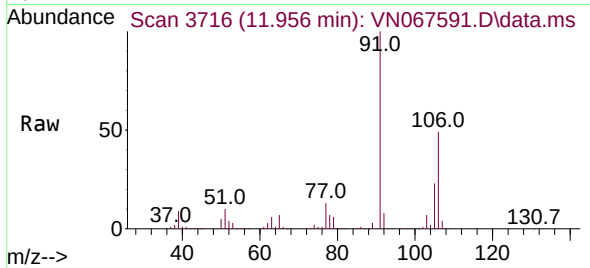
#67
m/p-Xylenes
Concen: 356.139 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion:106 Resp: 4395760
Ion Ratio Lower Upper
106 100
91 202.3 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

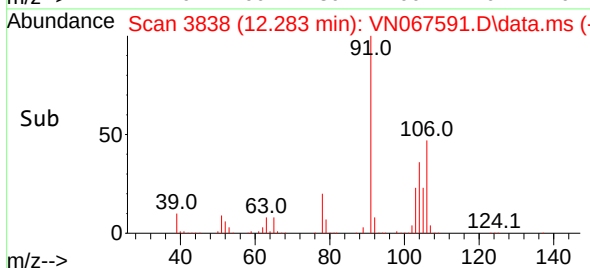
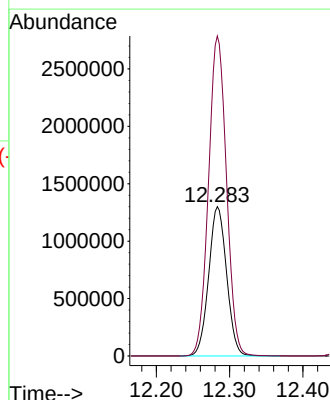
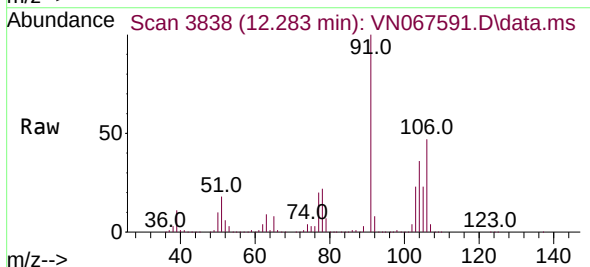
Manual Integrations
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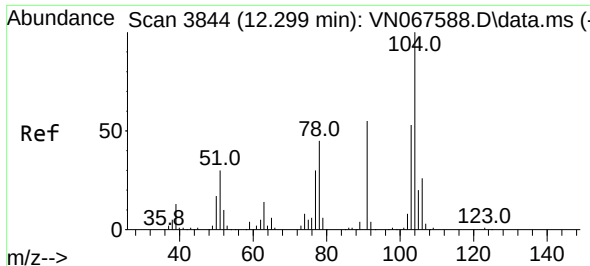
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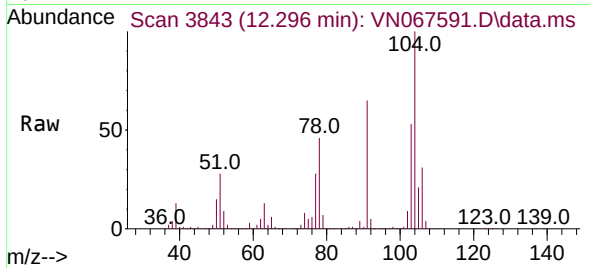
#68
o-Xylene
Concen: 178.927 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion:106 Resp: 2210245
Ion Ratio Lower Upper
106 100
91 214.7 120.0 360.0



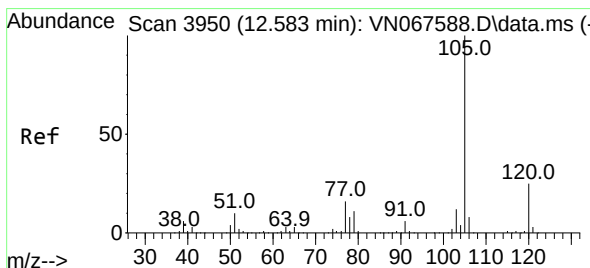
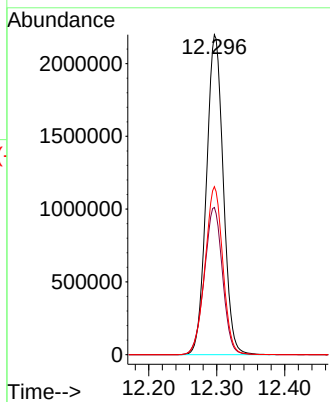
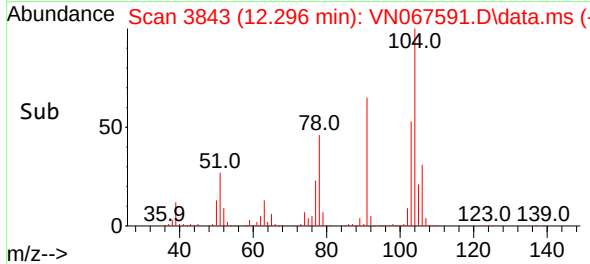


#69
Styrene
Concen: 185.713 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

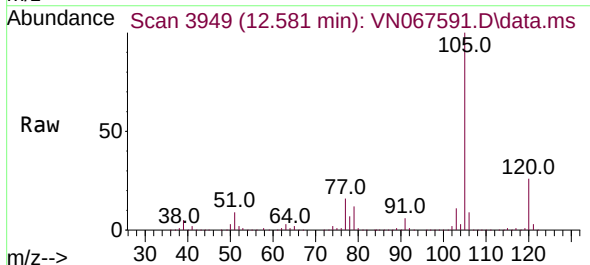


Tgt Ion:104 Resp: 3790056

Ion	Ratio	Lower	Upper
104	100		
78	49.7	48.2	72.2
103	55.4	44.5	66.7

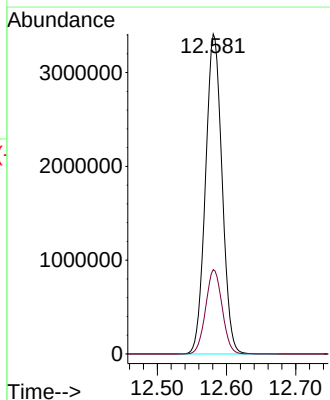
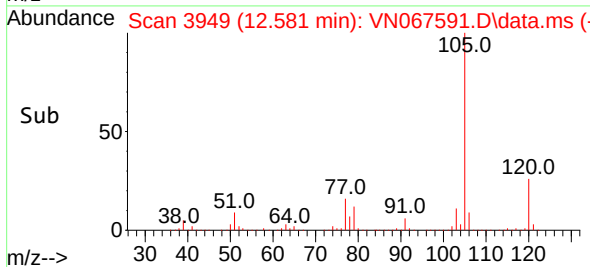


#70
Isopropylbenzene
Concen: 179.720 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



Tgt Ion:105 Resp: 5659882

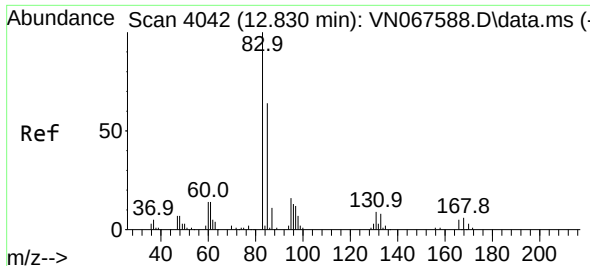
Ion	Ratio	Lower	Upper
105	100		
120	26.3	17.6	32.6



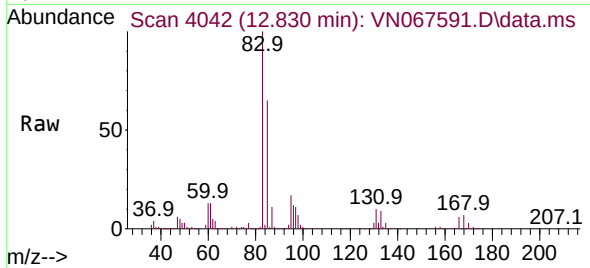
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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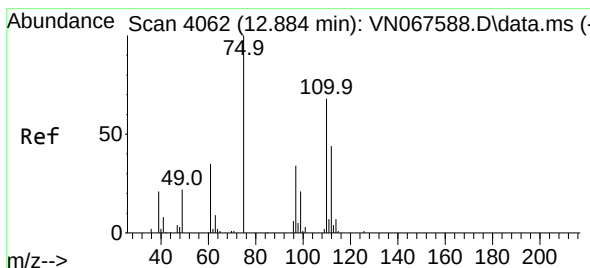
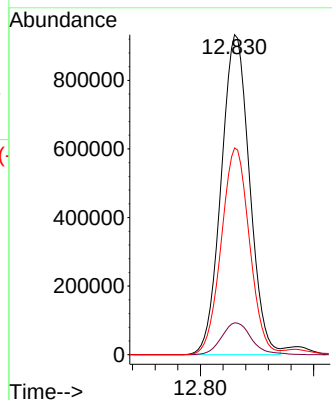
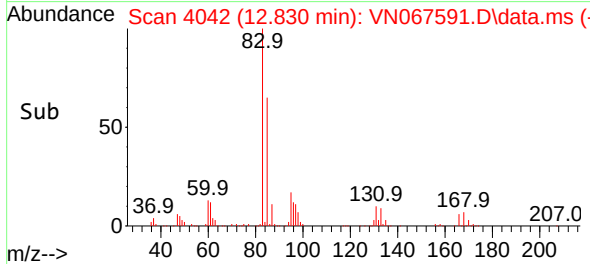
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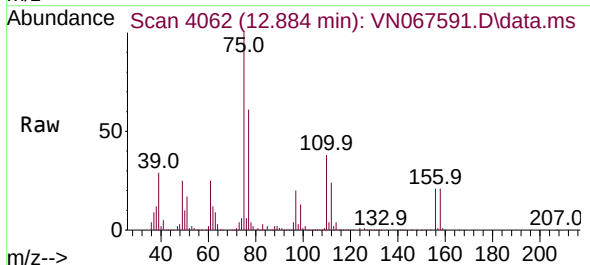
#71
 1,1,2,2-Tetrachloroethane
 Concen: 169.637 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VN067591.D
 Acq: 1 Jul 2021 11:48



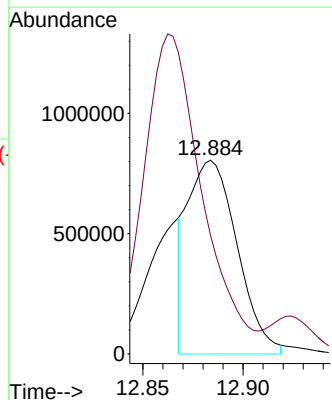
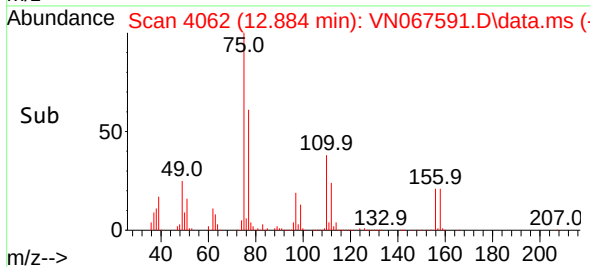
Tgt Ion: 83 Resp: 1619547
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.7 14.0
 85 64.5 32.2 96.6



#72
 1,2,3-Trichloropropane
 Concen: 150.671 ug/l m
 RT: 12.884 min Scan# 4062
 Delta R.T. 0.000 min
 Lab File: VN067591.D
 Acq: 1 Jul 2021 11:48



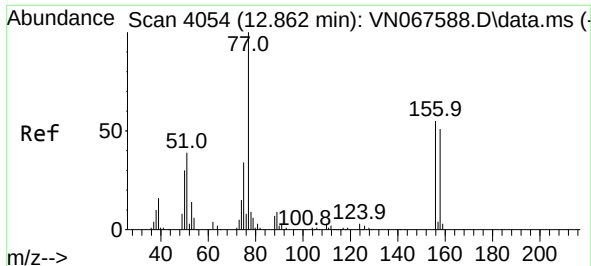
Tgt Ion: 75 Resp: 1380513
 Ion Ratio Lower Upper
 75 100
 77 196.4 0.0 374.2



Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
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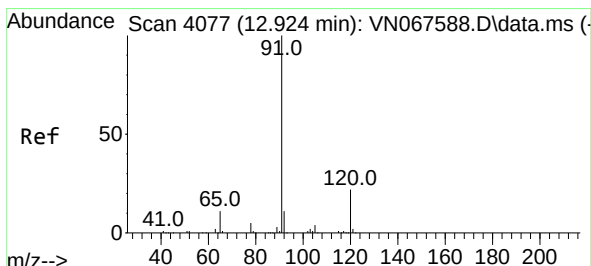
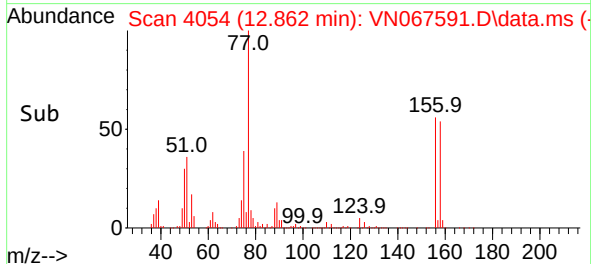
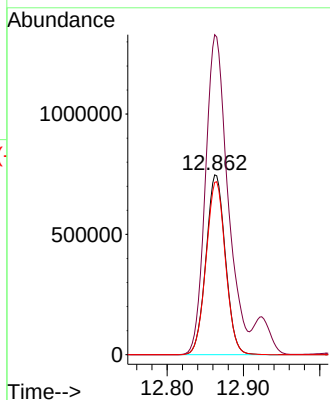
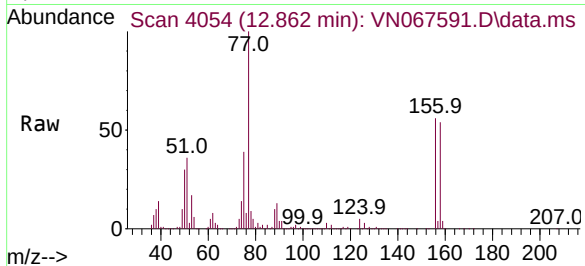
#73
Bromobenzene
Concen: 195.749 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion:156 Resp: 1316421
Ion Ratio Lower Upper
156 100
77 206.0 0.0 548.0
158 96.7 0.0 194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

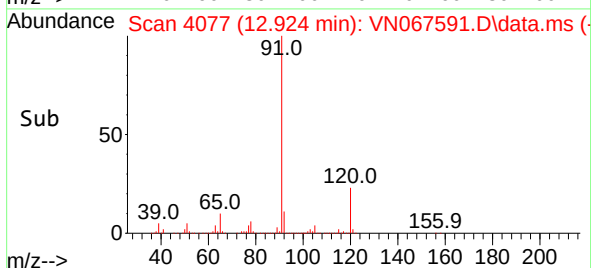
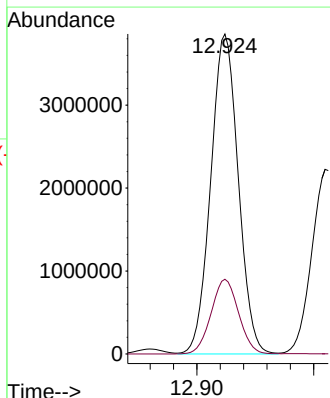
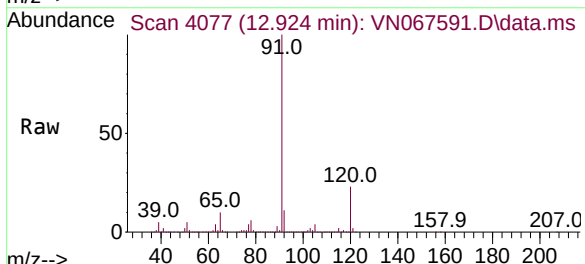
Manual Integrations
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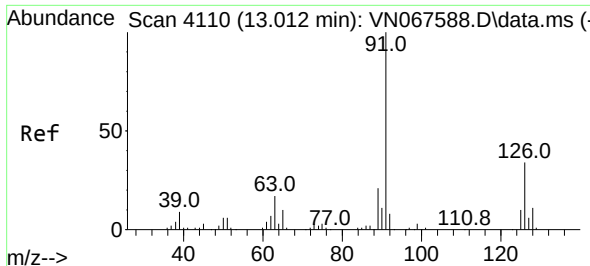
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#74
n-propylbenzene
Concen: 168.952 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 91 Resp: 6317243
Ion Ratio Lower Upper
91 100
120 23.3 0.0 41.0





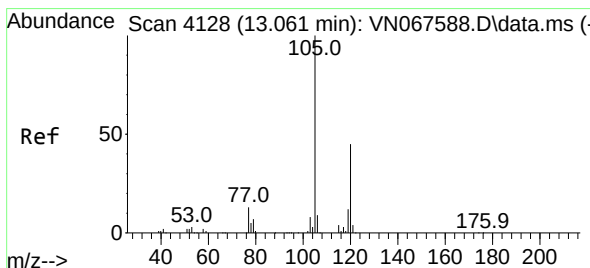
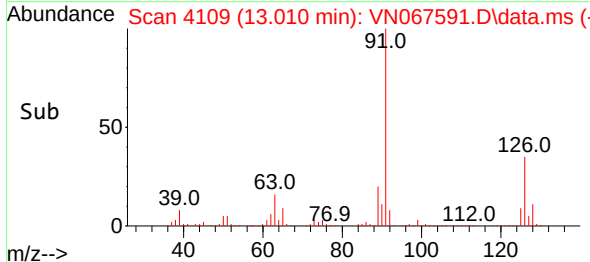
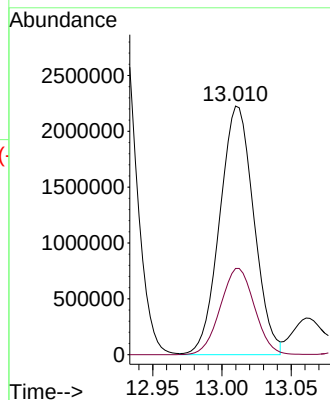
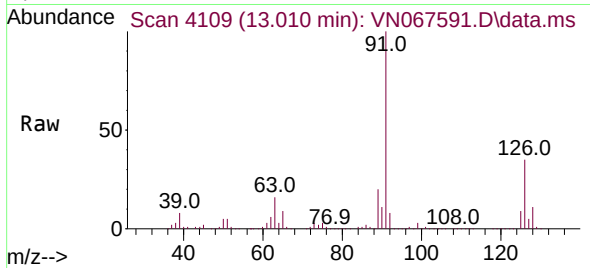
#75
2-Chlorotoluene
Concen: 162.021 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion: 91 Resp: 3811217
Ion Ratio Lower Upper
91 100
126 34.8 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

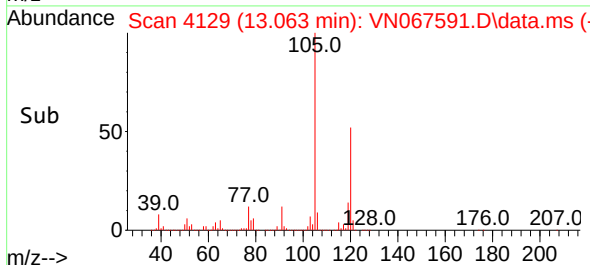
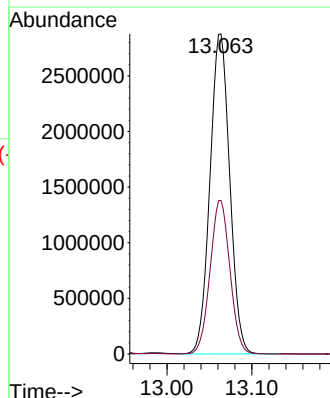
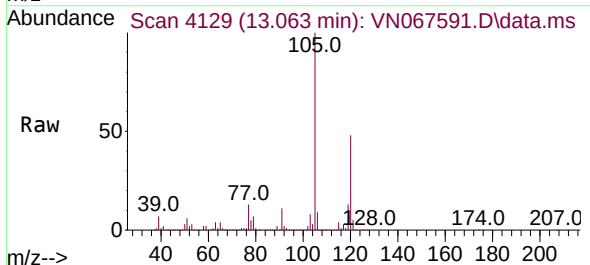
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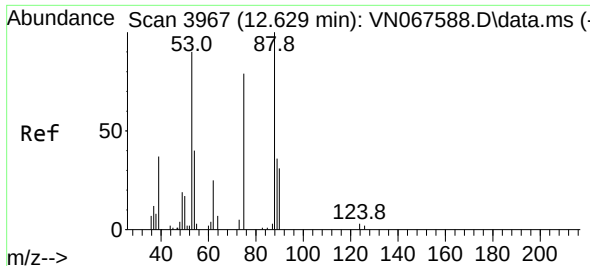
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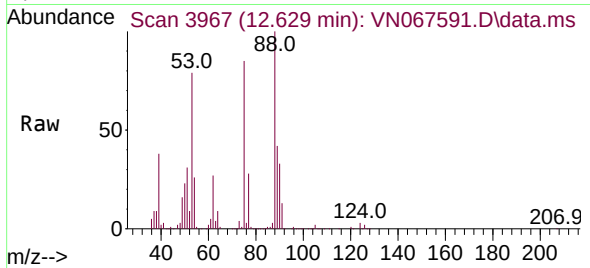
#76
1,3,5-Trimethylbenzene
Concen: 173.738 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Tgt Ion:105 Resp: 4643262
Ion Ratio Lower Upper
105 100
120 48.2 0.0 90.2

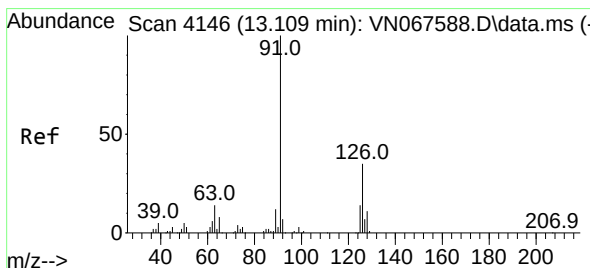
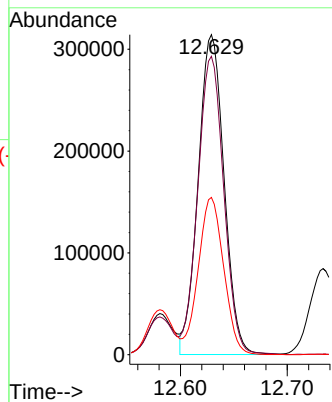
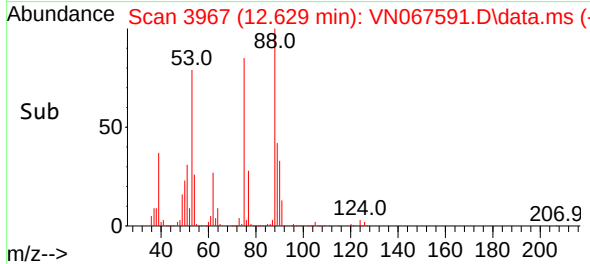




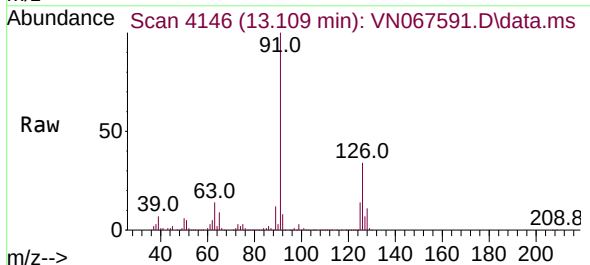
#77
t-1,4-Dichloro-2-butene
Concen: 174.940 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



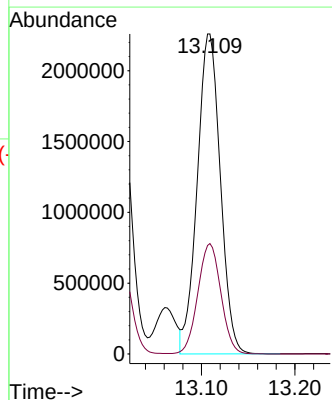
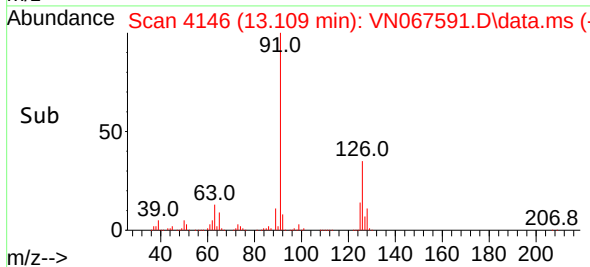
Tgt Ion: 75 Resp: 529588
Ion Ratio Lower Upper
75 100
53 93.3 55.2 165.6
89 49.2 24.5 73.5



#78
4-Chlorotoluene
Concen: 166.766 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



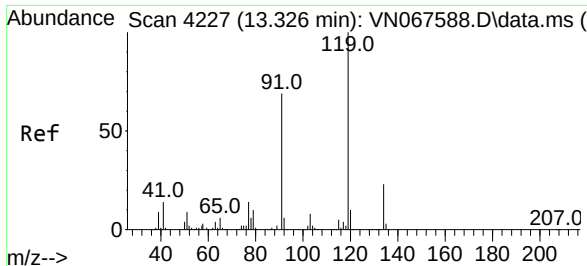
Tgt Ion: 91 Resp: 3875361
Ion Ratio Lower Upper
91 100
126 34.4 0.0 57.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

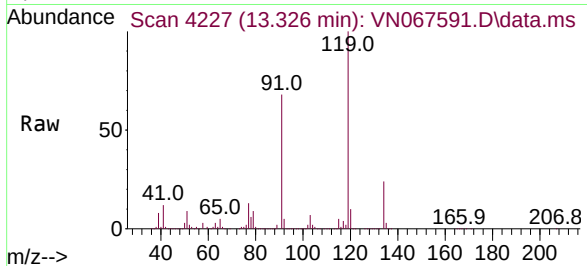
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#79
tert-butylbenzene
Concen: 181.704 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

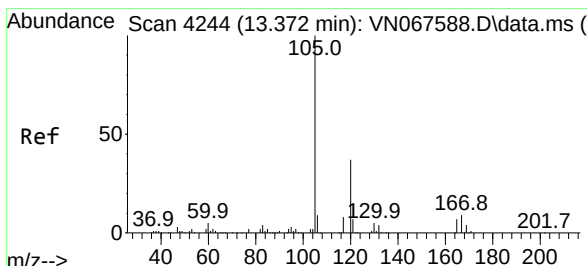
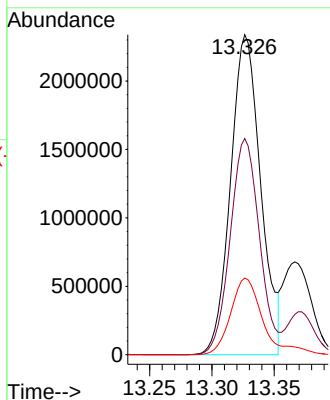
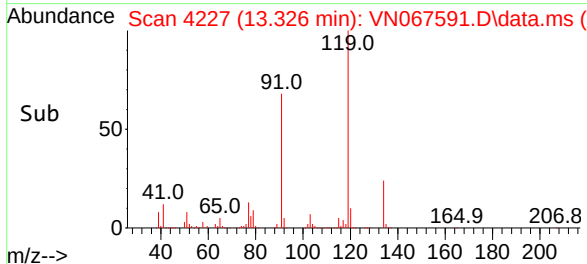
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



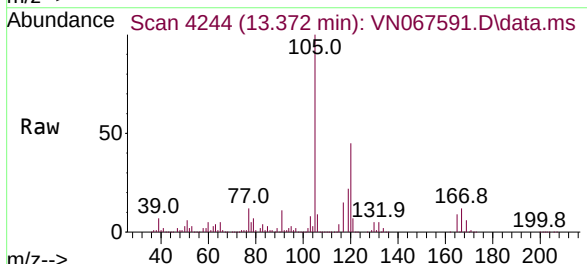
Tgt Ion:119 Resp: 3931232
Ion Ratio Lower Upper
119 100
91 65.5 0.0 158.4
134 24.0 0.0 43.6

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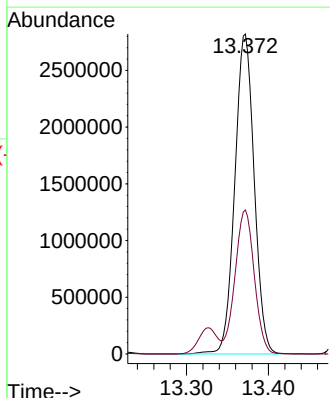
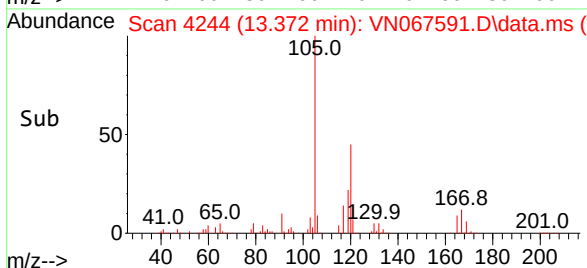
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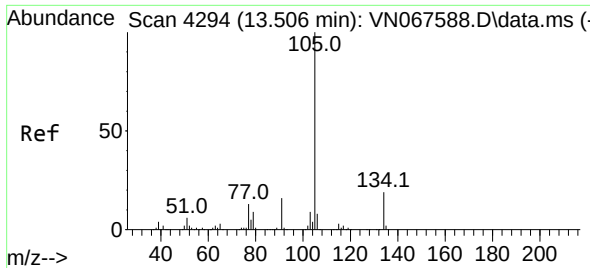


#80
1,2,4-Trimethylbenzene
Concen: 176.493 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



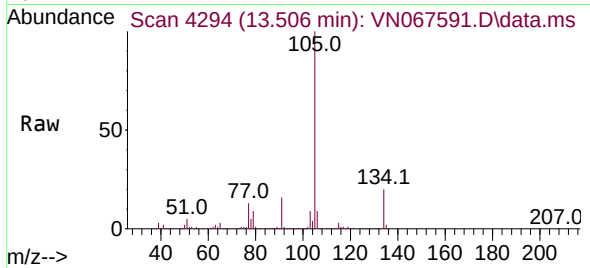
Tgt Ion:105 Resp: 4633759
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 178.199 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.000 min
 Lab File: VN067591.D
 Acq: 1 Jul 2021 11:48

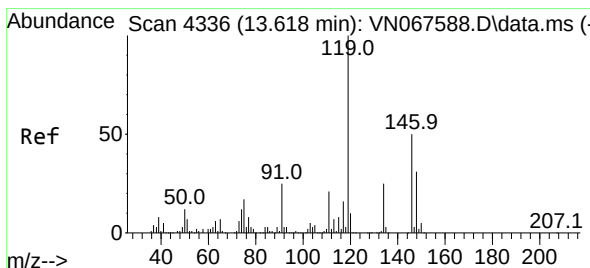
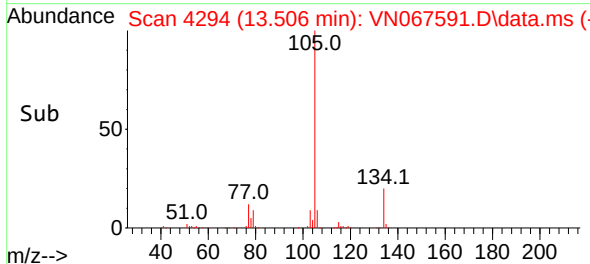
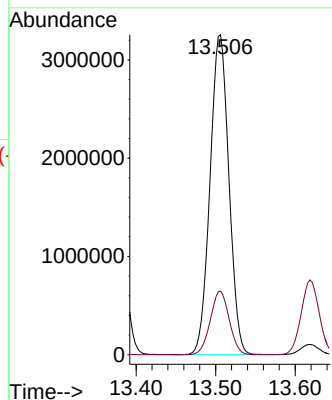
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



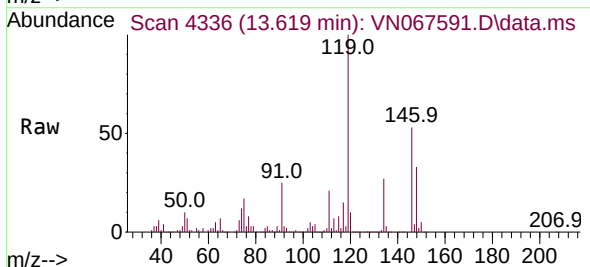
Tgt Ion:105 Resp: 5358642
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 35.4

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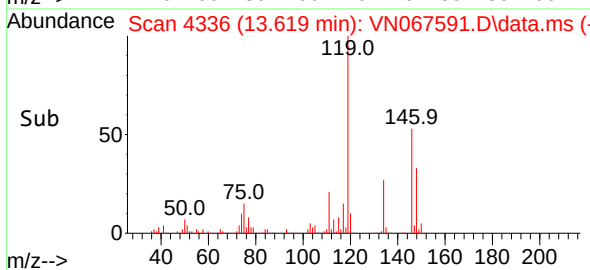
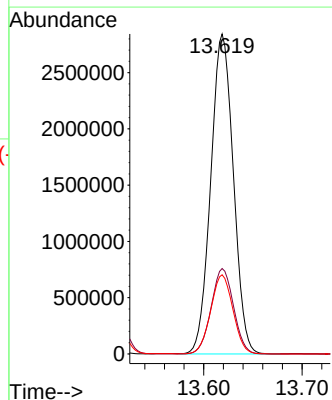
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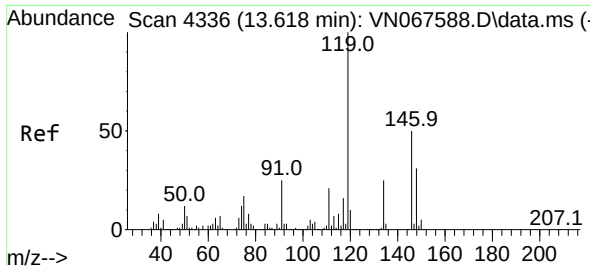


#82
 p-Isopropyltoluene
 Concen: 187.193 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067591.D
 Acq: 1 Jul 2021 11:48



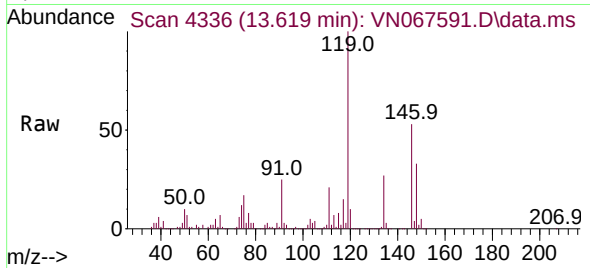
Tgt Ion:119 Resp: 4541222
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 49.0
 91 24.4 0.0 59.6





#83
1,3-Dichlorobenzene
Concen: 204.370 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

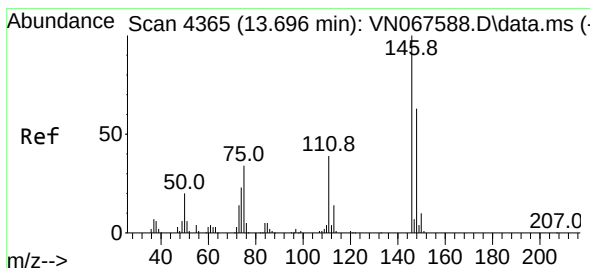
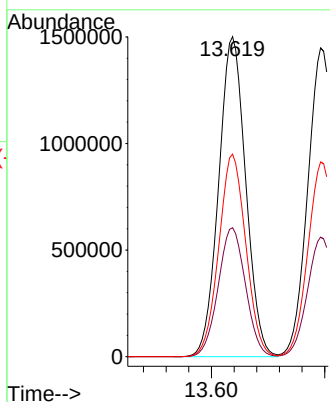
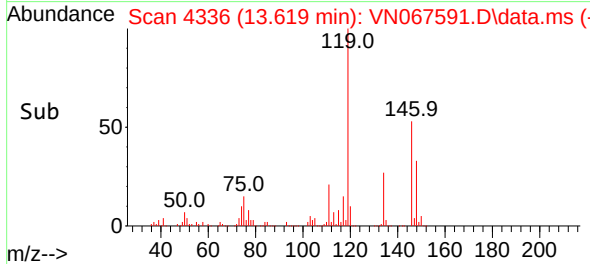
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



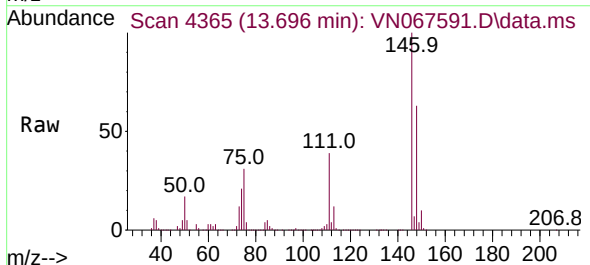
Tgt Ion:146 Resp: 2488165
Ion Ratio Lower Upper
146 100
111 40.7 25.0 75.0
148 63.4 32.6 97.7

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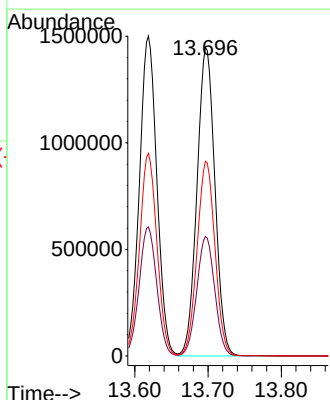
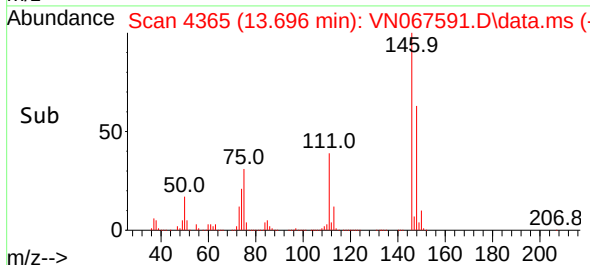
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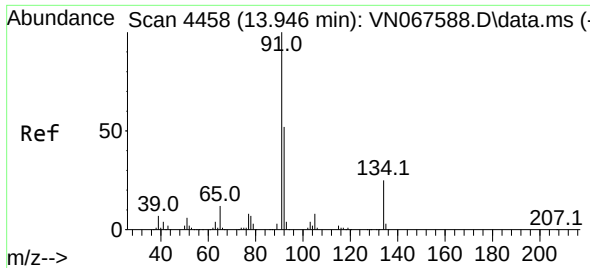


#84
1,4-Dichlorobenzene
Concen: 202.526 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



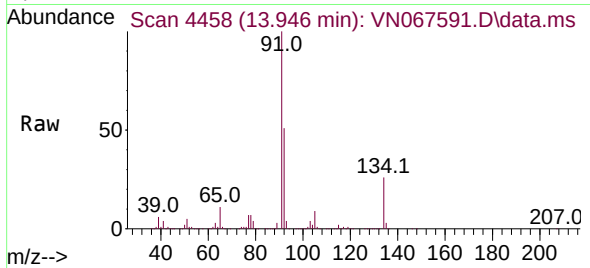
Tgt Ion:146 Resp: 2459886
Ion Ratio Lower Upper
146 100
111 38.6 23.6 71.0
148 62.9 31.8 95.3





#85
n-Butylbenzene
Concen: 173.126 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

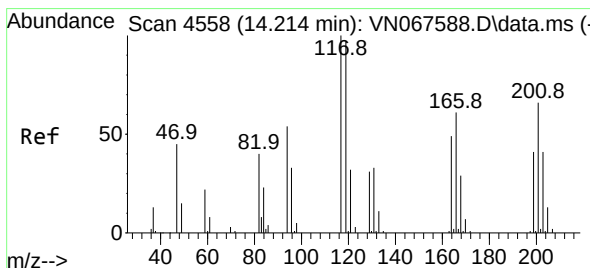
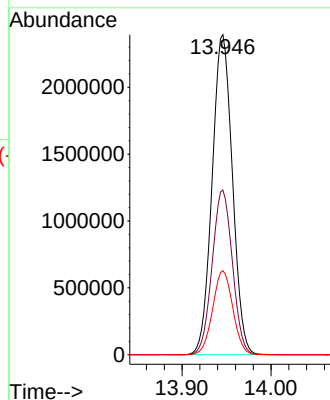
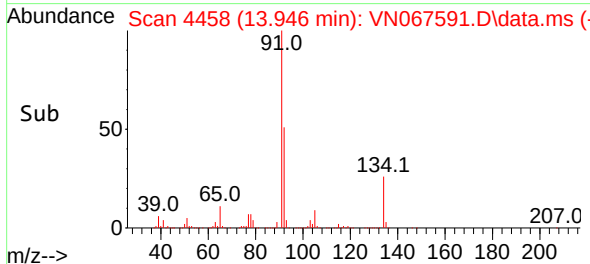
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



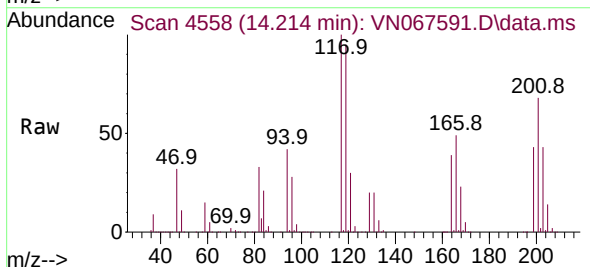
Tgt Ion: 91 Resp: 3780845
Ion Ratio Lower Upper
91 100
92 51.5 0.0 103.0
134 26.1 0.0 43.6

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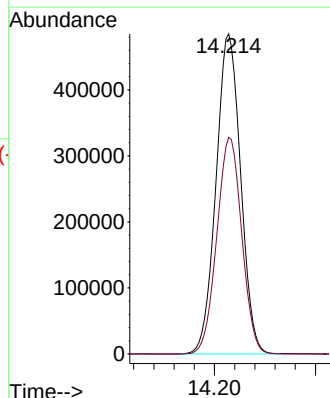
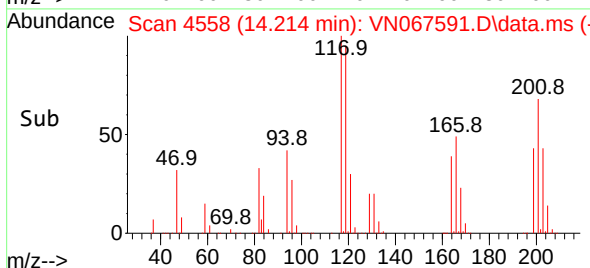
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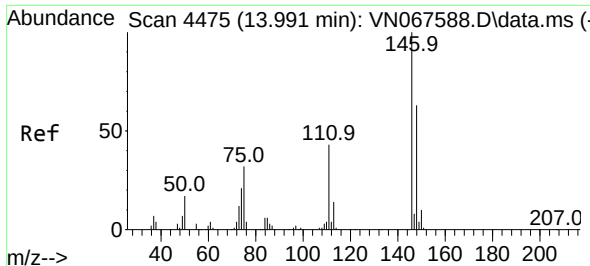


#86
Hexachloroethane
Concen: 173.580 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



Tgt Ion: 117 Resp: 818583
Ion Ratio Lower Upper
117 100
201 68.5 33.3 99.9





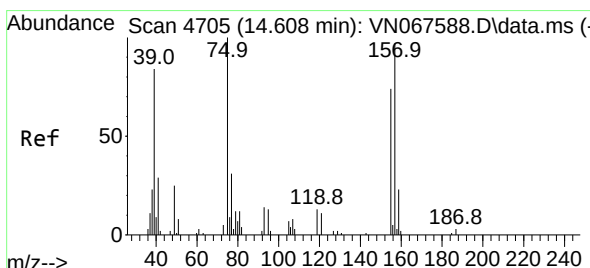
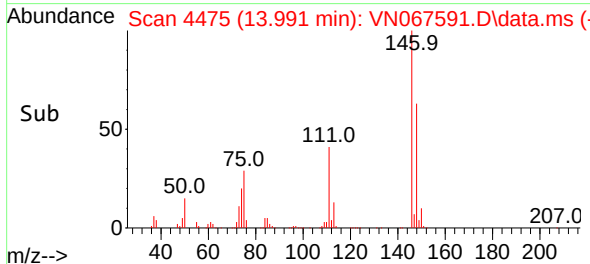
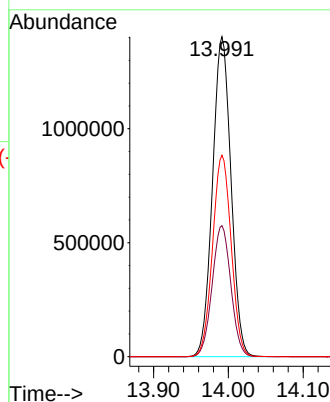
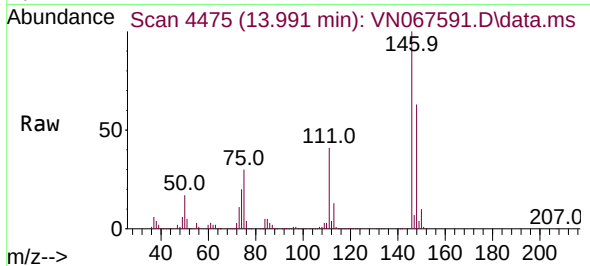
#87
1,2-Dichlorobenzene
Concen: 204.436 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 2407799
Ion Ratio Lower Upper
146 100
111 41.4 25.0 75.0
148 63.5 32.0 96.0

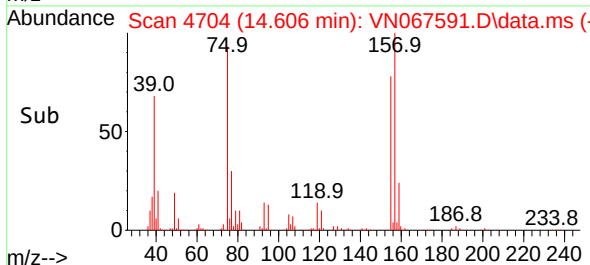
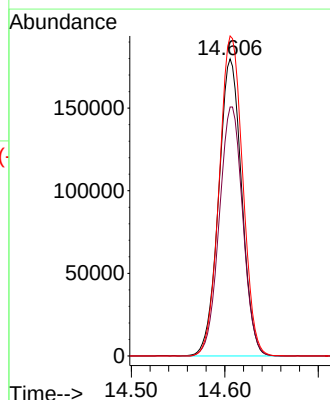
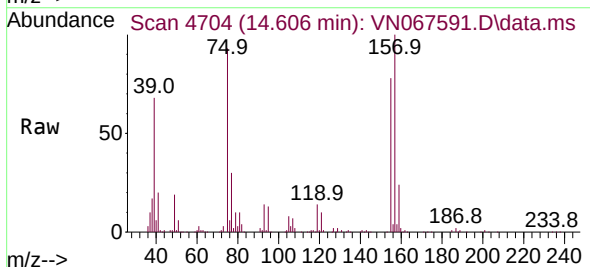
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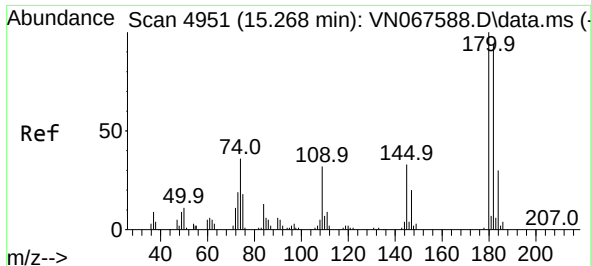
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#88
1,2-Dibromo-3-Chloropropane
Concen: 140.718 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

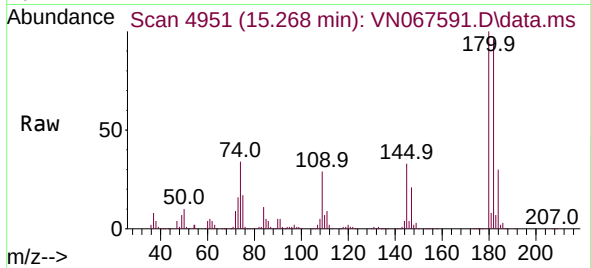
Tgt Ion: 75 Resp: 309348
Ion Ratio Lower Upper
75 100
155 85.2 45.3 67.9#
157 109.3 58.6 87.8#





#89
1,2,4-Trichlorobenzene
Concen: 200.789 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

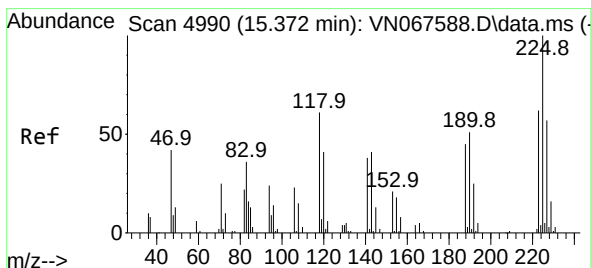
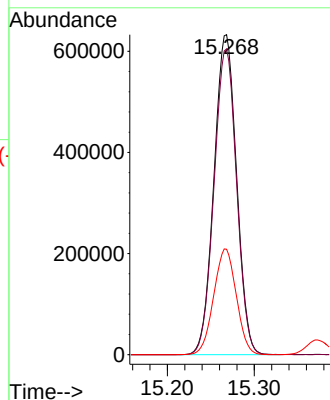
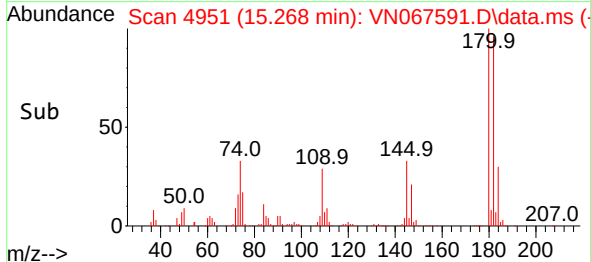
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



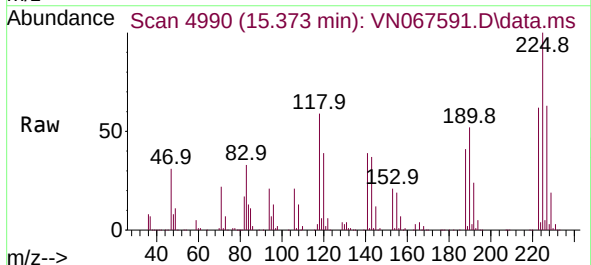
Tgt Ion:180 Resp: 1144134
Ion Ratio Lower Upper
180 100
182 95.3 75.9 113.9
145 33.1 28.8 43.2

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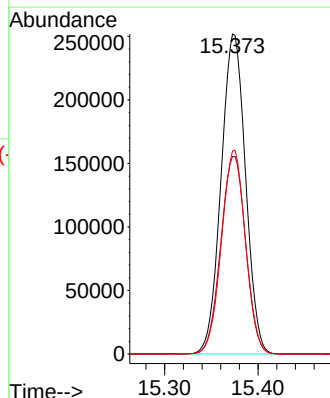
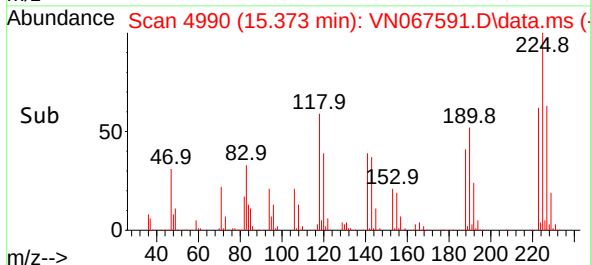
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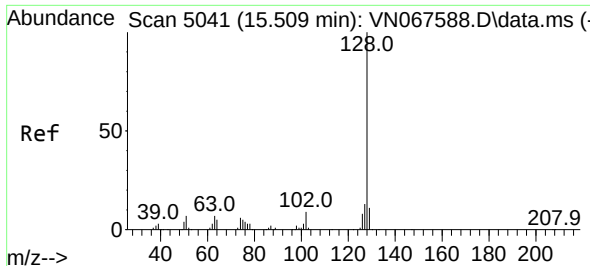


#90
Hexachlorobutadiene
Concen: 155.038 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



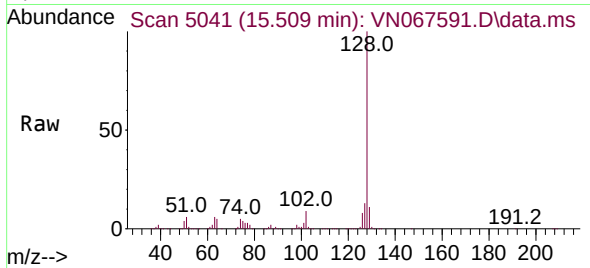
Tgt Ion:225 Resp: 458334
Ion Ratio Lower Upper
225 100
223 62.9 0.0 129.6
227 62.7 0.0 131.2





#91
Naphthalene
Concen: 201.786 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48

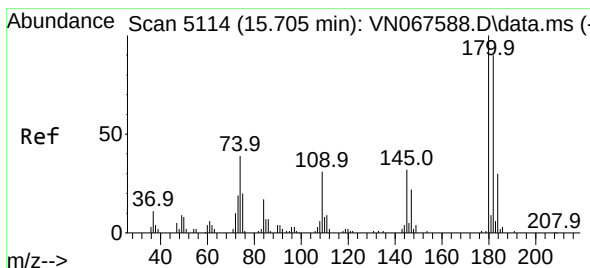
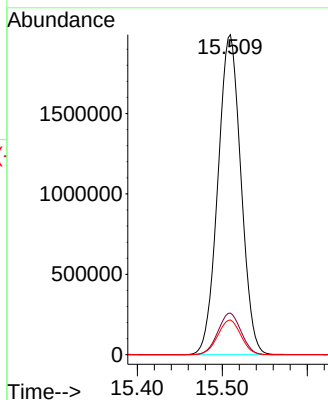
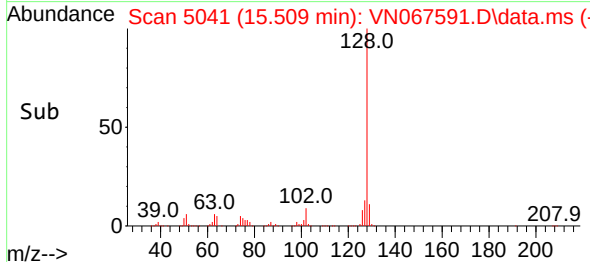
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MSVOA_N
ClientSampleId :
VSTDIC150



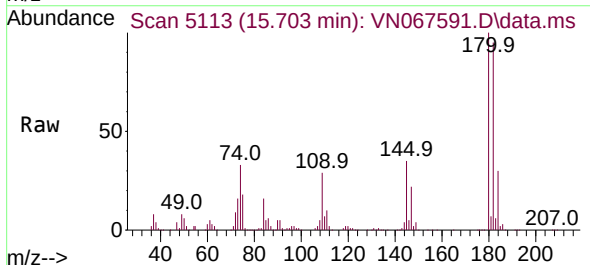
Tgt Ion:128 Resp: 3749439
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.9 8.9 13.3

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#92
1,2,3-Trichlorobenzene
Concen: 198.960 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. -0.002 min
Lab File: VN067591.D
Acq: 1 Jul 2021 11:48



Tgt Ion:180 Resp: 1102432
Ion Ratio Lower Upper
180 100
182 94.9 0.0 184.6
145 34.9 0.0 76.0

