

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067856.D
 Acq On : 22 Jul 2021 9:55
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
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 7/27/2021 3:38:53 PM

Quant Time: Jul 24 07:12:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	66023	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	380094	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	356543	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	167623	31.426	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.767%	
60) 4-Bromofluorobenzene	12.733	95	170530	29.451	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.167%	
63) Toluene-d8	10.443	98	500570	30.524	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.733%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	75803	22.466	ug/l	95
3) Chloromethane	2.303	50	88117	20.909	ug/l	97
4) Vinyl Chloride	2.443	62	137998	21.049	ug/l	96
5) Bromomethane	2.864	94	113396	20.773	ug/l	97
6) Chloroethane	3.022	64	106155	21.743	ug/l	99
7) Trichlorofluoromethane	3.373	101	272624	22.410	ug/l	100
8) Diethyl Ether	3.824	74	49501	21.875	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.205	101	79624	23.026	ug/l	98
10) 1,1-Dichloroethene	4.175	96	70400	21.982	ug/l	99
11) Methyl Iodide	4.422	142	89005	21.020	ug/l	99
12) Methyl Acetate	4.859	43	98727	22.585	ug/l	99
13) Acrolein	4.039	56	50322	109.901	ug/l #	43
14) Acrylonitrile	5.557	53	208094	108.260	ug/l #	89
15) Acetone	4.285	58	58522	122.820	ug/l	96
16) Carbon Disulfide	4.527	76	172887	20.442	ug/l	100
17) Allyl chloride	4.835	41	118870	21.093	ug/l	95
18) Methylene Chloride	5.095	84	89482	20.189	ug/l	96
19) trans-1,2-Dichloroethene	5.594	96	81979	21.467	ug/l	93
20) Diisopropyl ether	6.498	45	281488	21.095	ug/l	98
21) 1,1-Dichloroethane	6.385	63	155984	21.249	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	99060	21.022	ug/l #	85
23) tert-Butyl Alcohol	5.380	59	73185	103.292	ug/l #	100
24) Methyl tert-Butyl Ether	5.624	73	285063m	21.558	ug/l	
25) Chloroform	7.820	83	172728	21.146	ug/l	99
26) Cyclohexane	8.094	56	132327	20.688	ug/l #	100
29) 1,1-Dichloropropene	8.225	75	120667	20.234	ug/l	97
30) 2-Butanone	7.340	43	294955	106.803	ug/l	98
31) 2,2-Dichloropropane	7.327	77	137372	20.648	ug/l	100
32) 1,1,1-Trichloroethane	8.013	97	151276	20.657	ug/l	100
33) Carbon Tetrachloride	8.206	117	126351	20.206	ug/l	94
34) Benzene	8.461	78	376200	21.104	ug/l	99
35) Methacrylonitrile	7.638	41	61213	21.562	ug/l	94
36) 1,2-Dichloroethane	8.531	62	142621	21.492	ug/l	99
37) Trichloroethene	9.217	130	98600	21.291	ug/l	99
38) Methylcyclohexane	9.461	83	134334	20.338	ug/l	99
39) 1,2-Dichloropropane	9.494	63	96018	21.122	ug/l	98
40) Dibromomethane	9.577	93	69810	21.355	ug/l	99
41) Bromodichloromethane	9.762	83	134818	21.009	ug/l	99
42) Vinyl Acetate	6.434	43	1180278	107.428	ug/l	97

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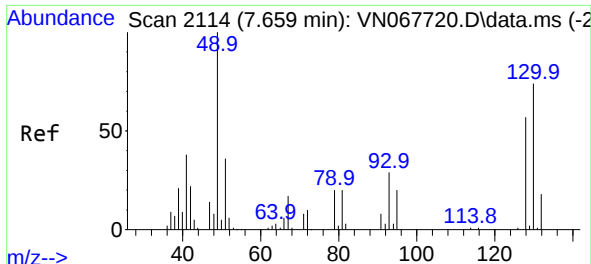
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	117829	21.104	ug/l	96
44) Isopropyl Acetate	8.563	43	208805	20.597	ug/l	99
45) 1,4-Dioxane	9.571	88	31171	406.041	ug/l	95
46) Methyl methacrylate	9.561	41	87388	19.968	ug/l	96
47) n-amyl Acetate	12.390	43	166269	19.980	ug/l	98
48) t-1,3-Dichloropropene	10.722	75	141962	20.529	ug/l	94
49) cis-1,3-Dichloropropene	10.191	75	145748	19.855	ug/l	98
50) 1,1,2-Trichloroethane	10.899	97	98559	21.127	ug/l	97
51) Ethyl methacrylate	10.762	69	145407	20.044	ug/l	95
52) 1,3-Dichloropropane	11.047	76	163016	21.134	ug/l	98
53) Dibromochloromethane	11.240	129	96407	19.742	ug/l	98
54) 1,2-Dibromoethane	11.347	107	97099	20.178	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	135632	96.667	ug/l	99
56) Bromoform	12.463	173	61073	17.850	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	646832	105.653	ug/l	99
59) 2-Hexanone	11.087	43	455272	106.061	ug/l	98
61) Tetrachloroethene	10.977	164	95201	21.737	ug/l	94
62) Toluene	10.507	91	428555	20.435	ug/l	99
64) Chlorobenzene	11.771	112	259973	20.698	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	95721	20.686	ug/l	99
66) Ethyl Benzene	11.846	91	469880	20.248	ug/l	100
67) m/p-Xylenes	11.956	106	361876	40.883	ug/l	97
68) o-Xylene	12.283	106	175651	20.103	ug/l	100
69) Styrene	12.296	104	287730	19.914	ug/l	99
70) Isopropylbenzene	12.581	105	450877	19.996	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.830	83	134370	20.989	ug/l	100
72) 1,2,3-Trichloropropane	12.884	75	116994m	21.982	ug/l	
73) Bromobenzene	12.862	156	102503	19.778	ug/l	99
74) n-propylbenzene	12.924	91	533232	20.638	ug/l	99
75) 2-Chlorotoluene	13.010	91	317467	20.472	ug/l	99
76) 1,3,5-Trimethylbenzene	13.061	105	379997	20.470	ug/l	100
77) t-1,4-Dichloro-2-butene	12.626	75	34648	19.290	ug/l	95
78) 4-Chlorotoluene	13.106	91	315700	20.419	ug/l	100
79) tert-butylbenzene	13.326	119	315850	19.816	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	373162m	20.243	ug/l	
81) sec-Butylbenzene	13.503	105	448039	20.263	ug/l	99
82) p-Isopropyltoluene	13.619	119	368088	20.001	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	192632	19.903	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	186097	19.739	ug/l	100
85) n-Butylbenzene	13.943	91	308537	20.208	ug/l	98
86) Hexachloroethane	14.214	117	59085	19.299	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	181008	19.589	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.606	75	22811	19.916	ug/l	96
89) 1,2,4-Trichlorobenzene	15.265	180	79643	18.904	ug/l	99
90) Hexachlorobutadiene	15.373	225	40594	20.046	ug/l	96
91) Naphthalene	15.509	128	219592	18.346	ug/l	98
92) 1,2,3-Trichlorobenzene	15.702	180	75355	18.669	ug/l	98

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



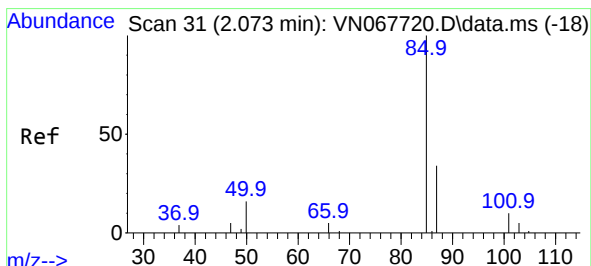
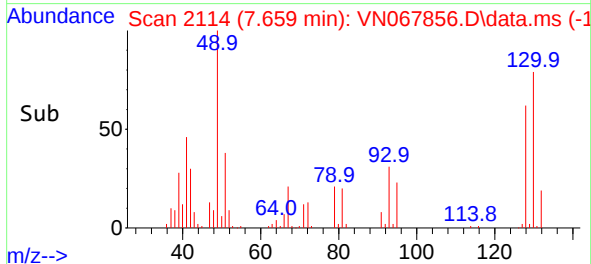
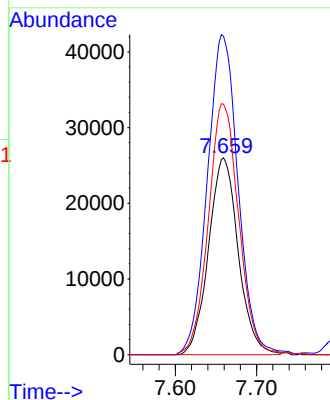
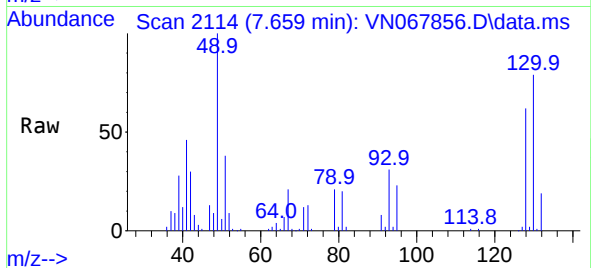
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:128 Resp: 66023
Ion Ratio Lower Upper
128 100
49 168.3 0.0 433.0
130 130.4 0.0 323.8

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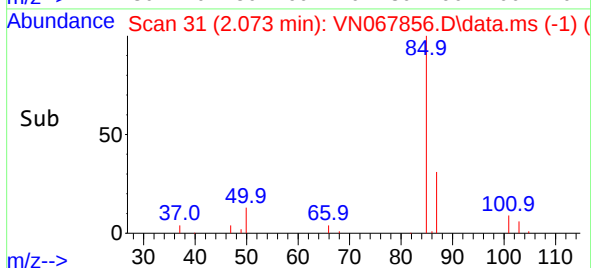
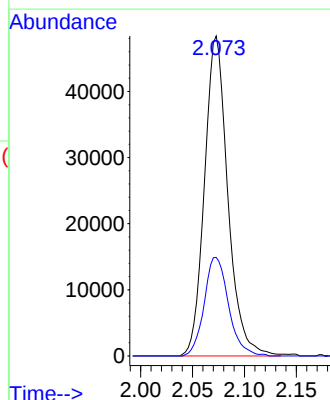
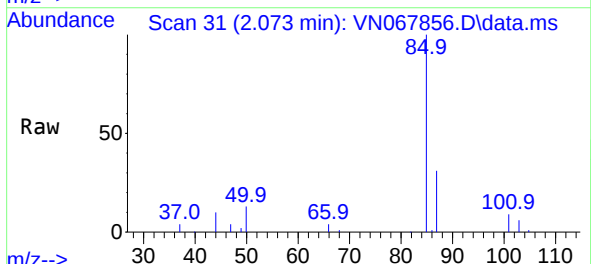
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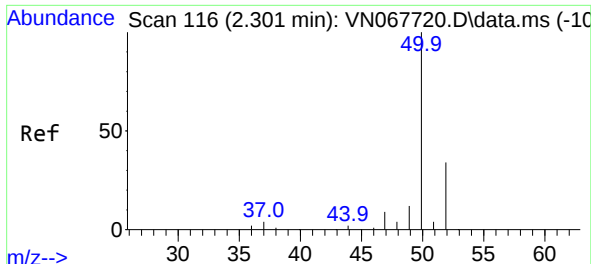
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#2
Dichlorodifluoromethane
Concen: 22.466 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

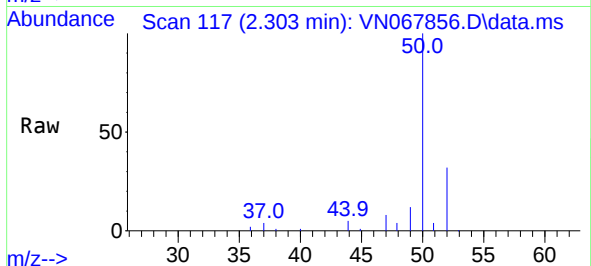
Tgt Ion: 85 Resp: 75803
Ion Ratio Lower Upper
85 100
87 30.8 17.0 50.9





#3
Chloromethane
Concen: 20.909 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

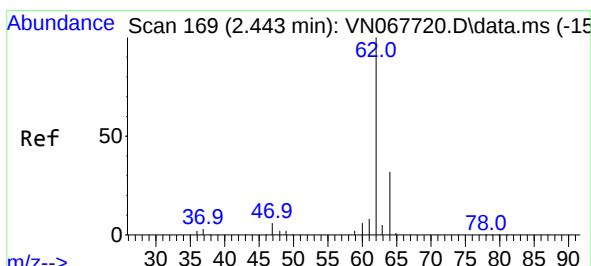
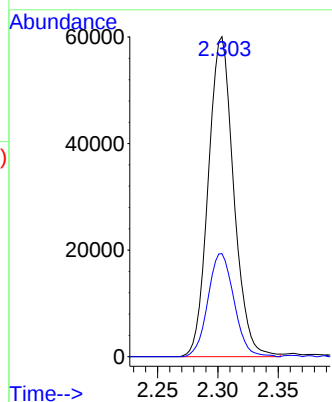
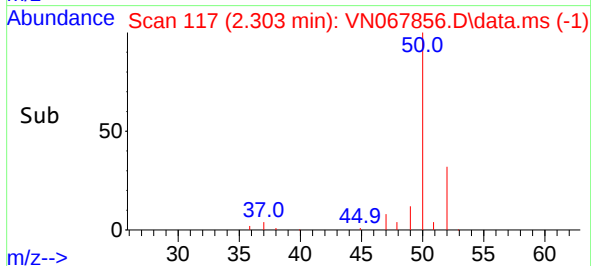
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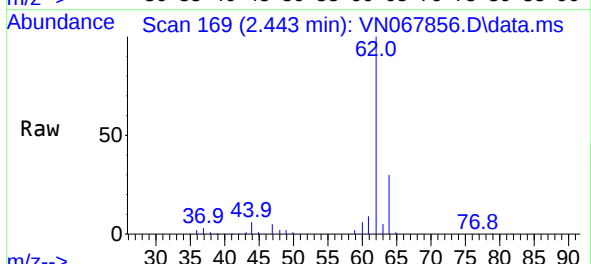
Tgt Ion: 50 Resp: 88117
Ion Ratio Lower Upper
50 100
52 32.2 27.2 40.8

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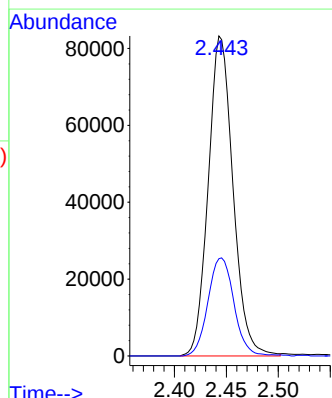
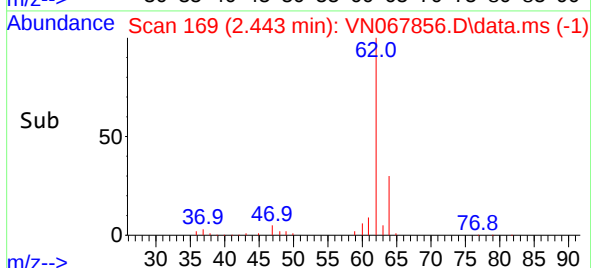
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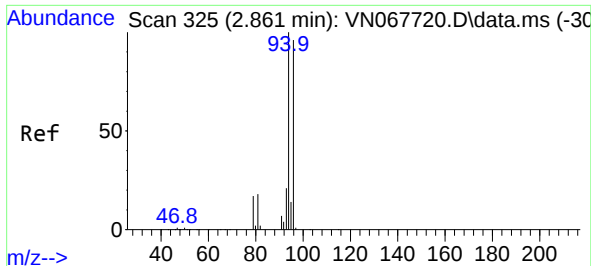


#4
Vinyl Chloride
Concen: 21.049 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

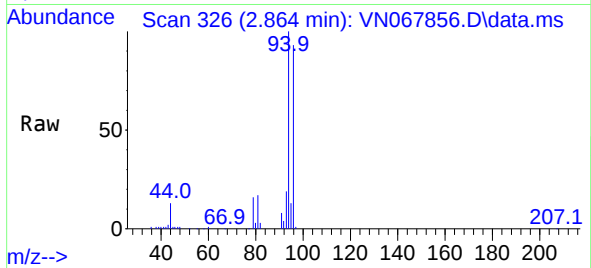


Tgt Ion: 62 Resp: 137998
Ion Ratio Lower Upper
62 100
64 30.4 25.9 38.9

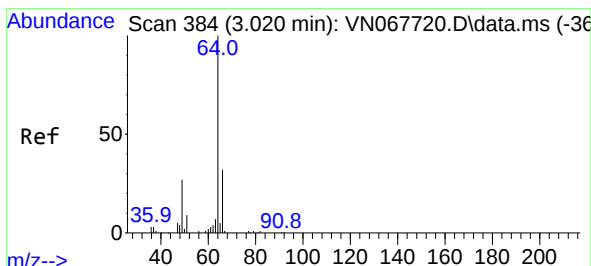
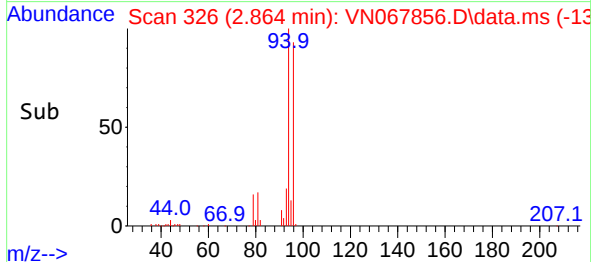
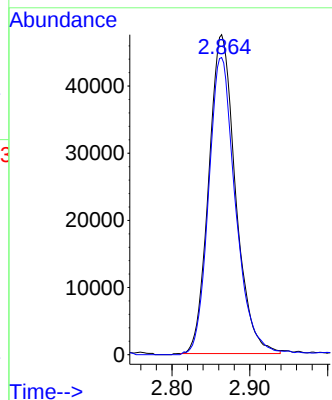




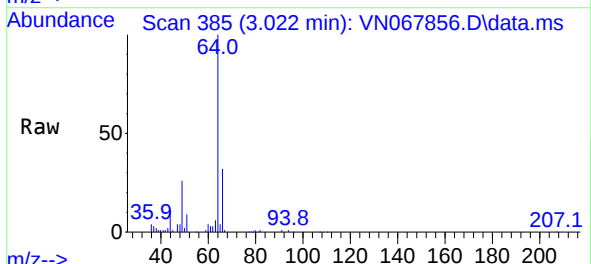
#5
Bromomethane
Concen: 20.773 ug/l
RT: 2.864 min Scan# 326
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



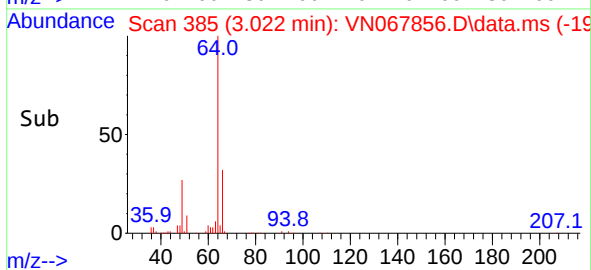
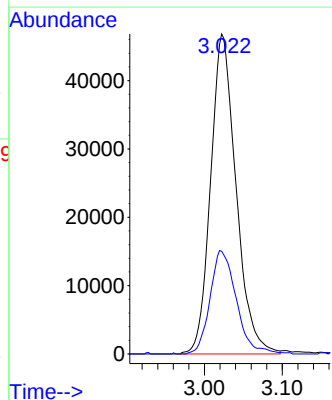
Tgt Ion: 94 Resp: 113396
Ion Ratio Lower Upper
94 100
96 93.2 76.9 115.3



#6
Chloroethane
Concen: 21.743 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



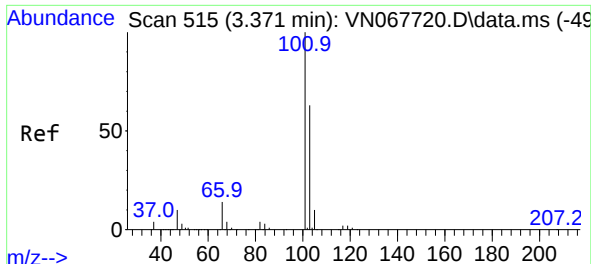
Tgt Ion: 64 Resp: 106155
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.0



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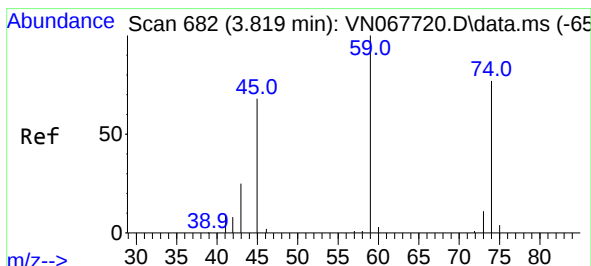
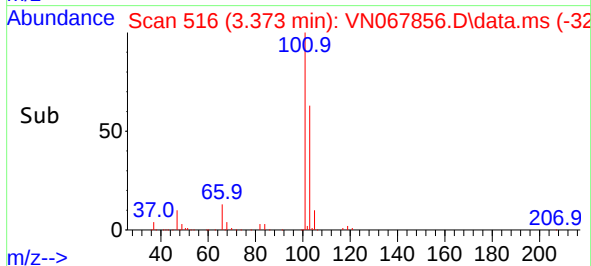
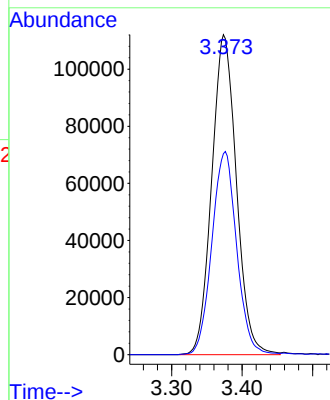
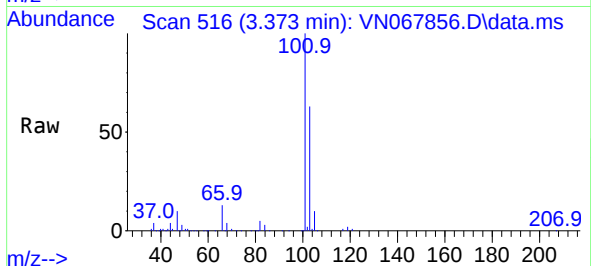
#7
Trichlorofluoromethane
Concen: 22.410 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.003 min
Lab File: VN067856.D
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Tgt Ion:101 Resp: 272624
Ion Ratio Lower Upper
101 100
103 62.7 50.3 75.5

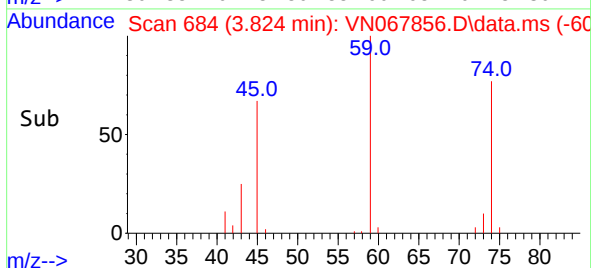
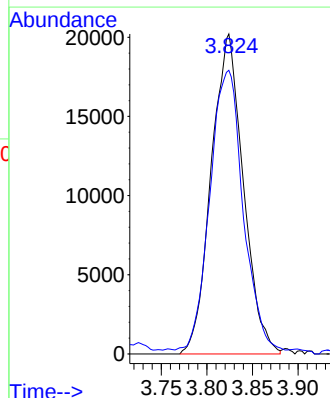
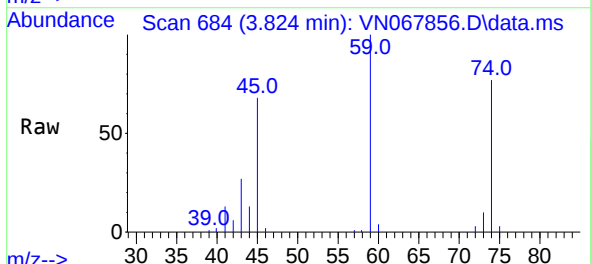
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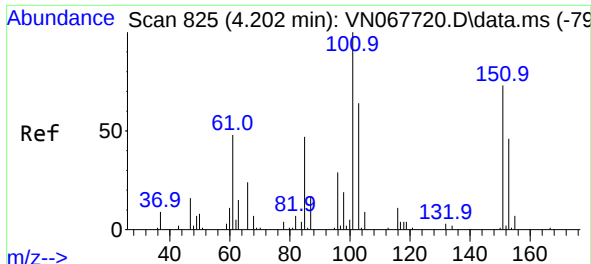
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#8
Diethyl Ether
Concen: 21.875 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.005 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 74 Resp: 49501
Ion Ratio Lower Upper
74 100
45 89.5 17.5 157.1





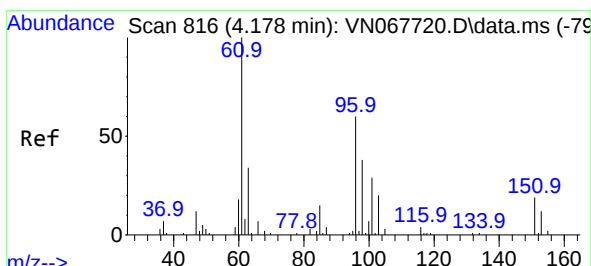
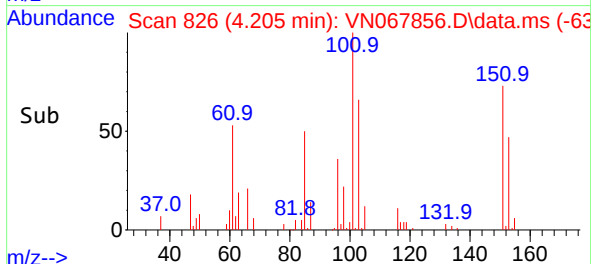
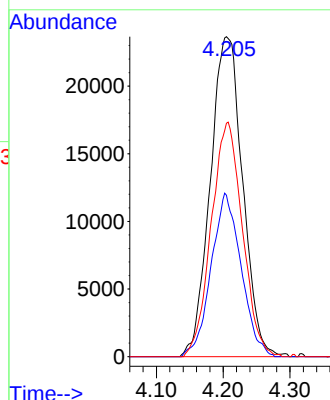
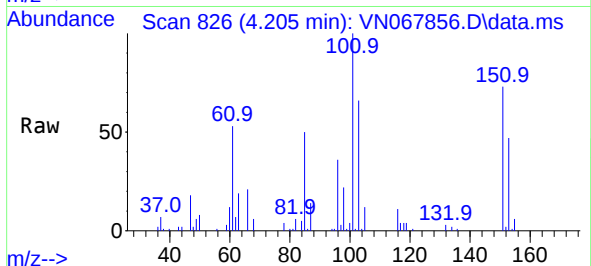
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.026 ug/l
RT: 4.205 min Scan# 826
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:101 Resp: 79624
Ion Ratio Lower Upper
101 100
85 47.4 0.0 98.0
151 70.7 0.0 143.8

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

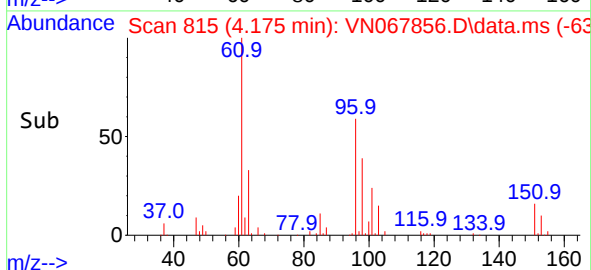
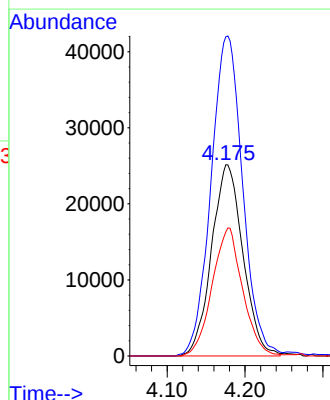
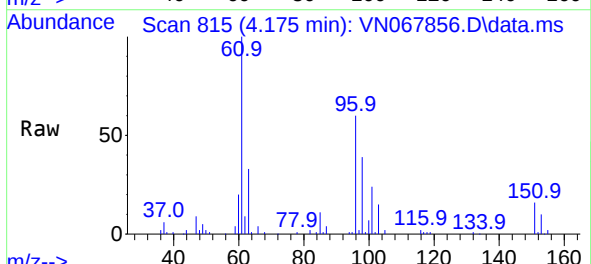
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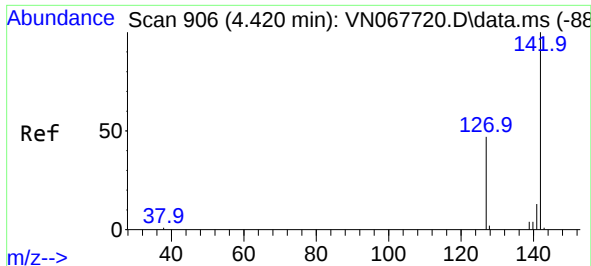
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#10
1,1-Dichloroethene
Concen: 21.982 ug/l
RT: 4.175 min Scan# 815
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

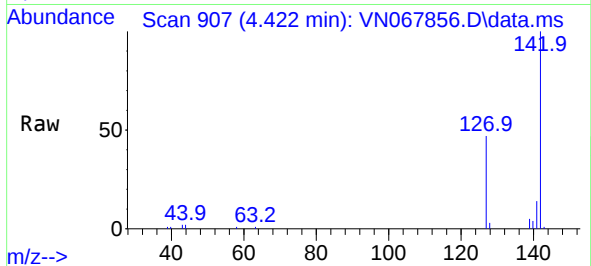
Tgt Ion: 96 Resp: 70400
Ion Ratio Lower Upper
96 100
61 166.0 133.9 200.9
98 64.9 50.5 75.7





#11
Methyl Iodide
Concen: 21.020 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

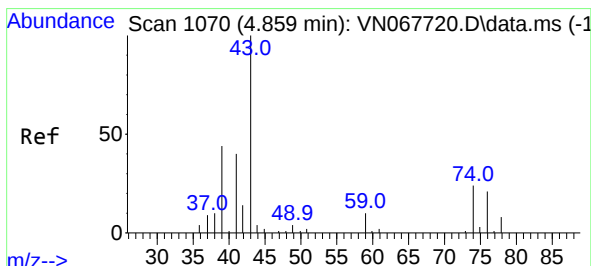
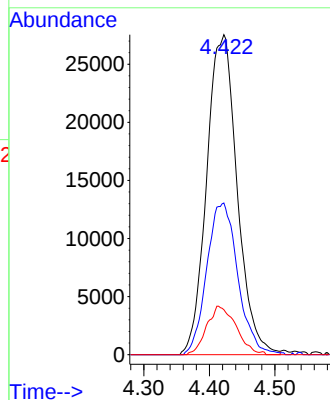
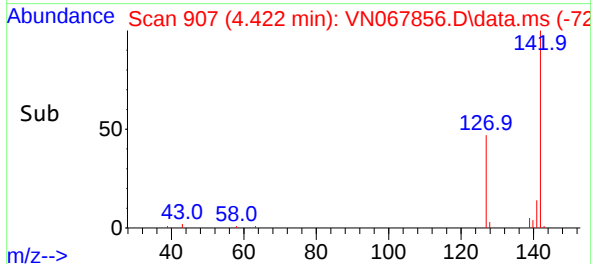
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



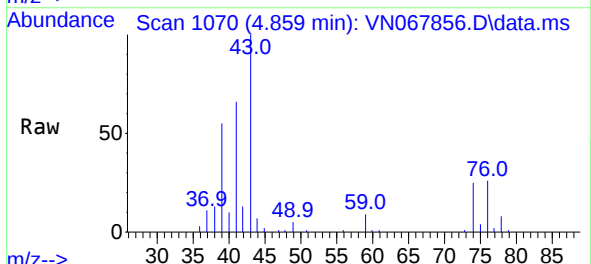
Tgt Ion:142 Resp: 89005
Ion Ratio Lower Upper
142 100
127 47.4 23.4 70.2
141 14.1 6.7 20.0

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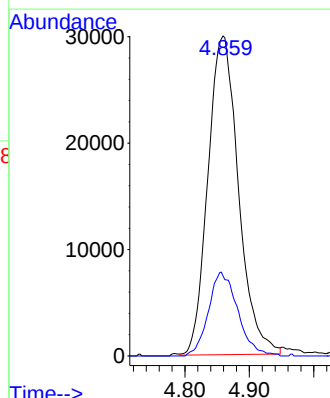
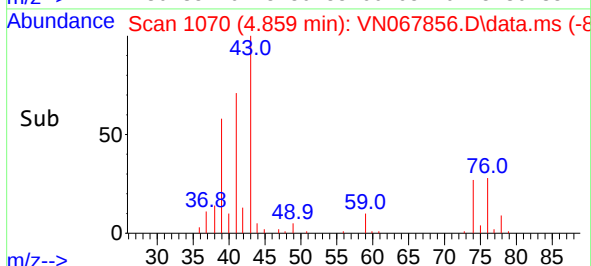
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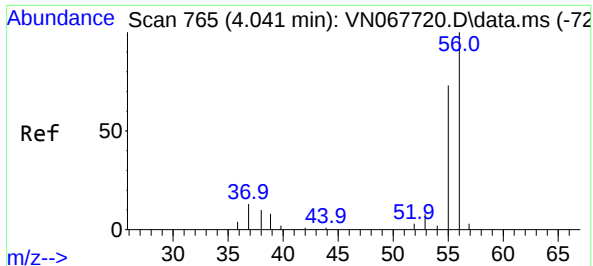


#12
Methyl Acetate
Concen: 22.585 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



Tgt Ion: 43 Resp: 98727
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6





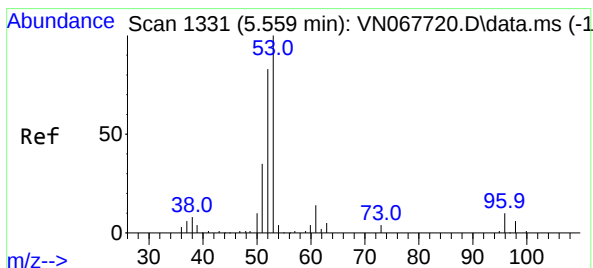
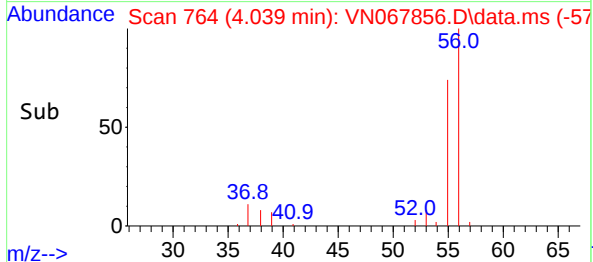
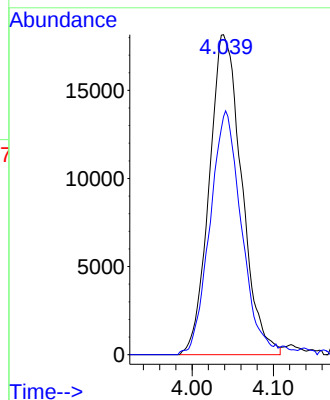
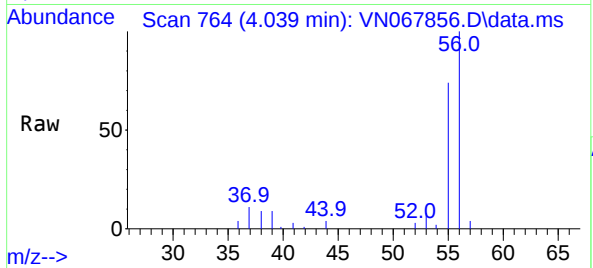
#13
Acrolein
Concen: 109.901 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 56 Resp: 50322
Ion Ratio Lower Upper
56 100
55 73.6 0.2 0.2#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

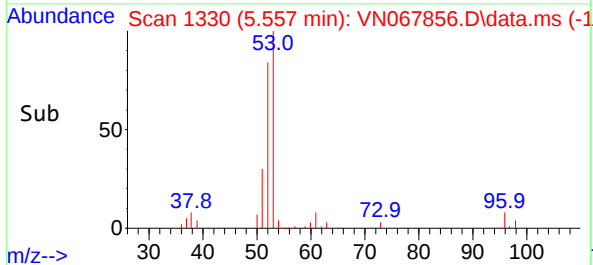
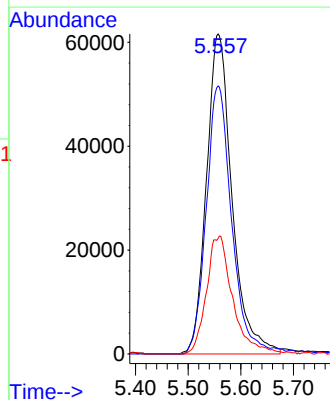
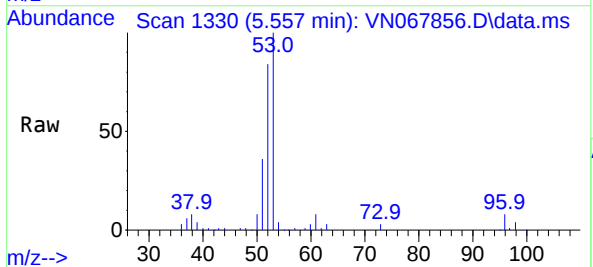
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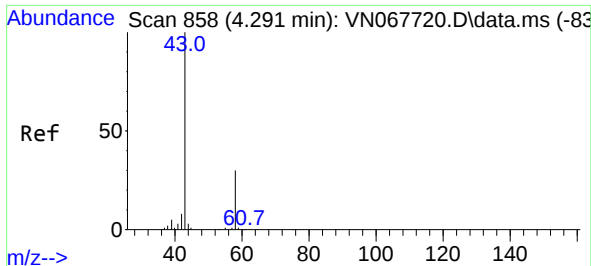
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#14
Acrylonitrile
Concen: 108.260 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 53 Resp: 208094
Ion Ratio Lower Upper
53 100
52 82.7 41.3 123.7
51 15.5 18.4 55.0#





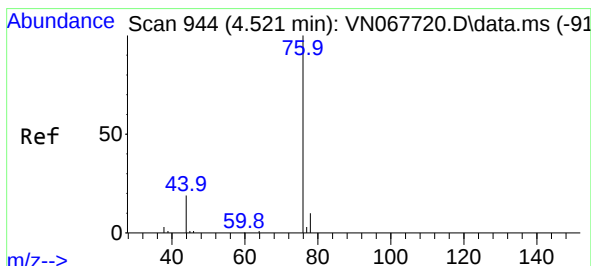
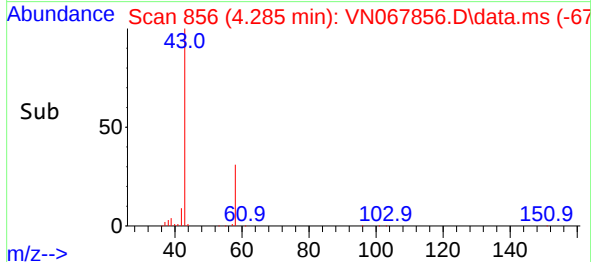
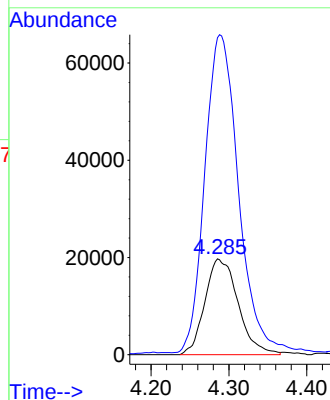
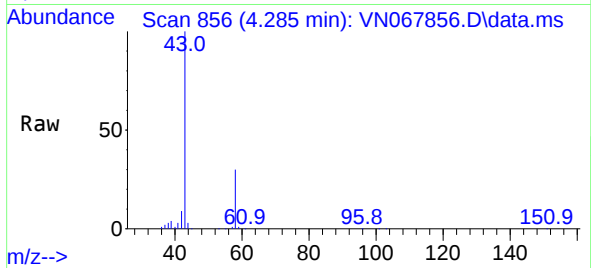
#15
Acetone
Concen: 122.820 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 58 Resp: 58522
Ion Ratio Lower Upper
58 100
43 327.0 268.2 402.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

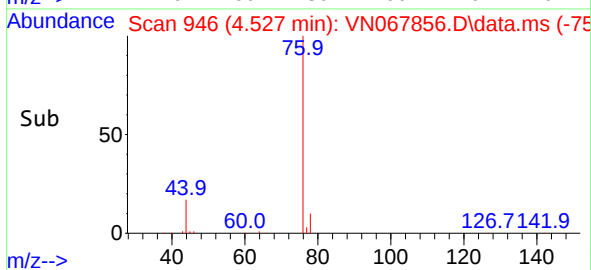
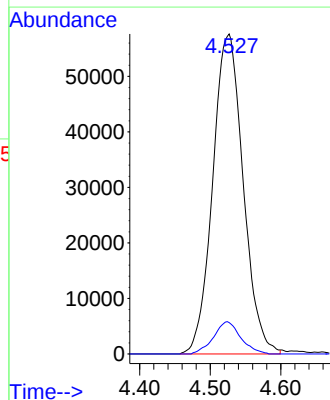
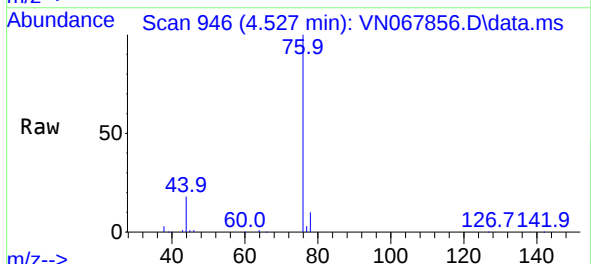
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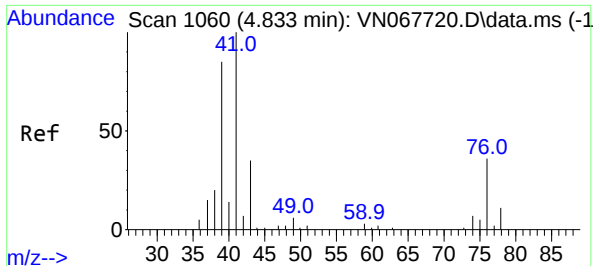
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#16
Carbon Disulfide
Concen: 20.442 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.005 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 76 Resp: 172887
Ion Ratio Lower Upper
76 100
78 9.8 7.9 11.9





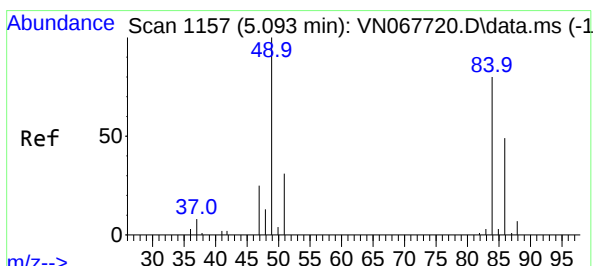
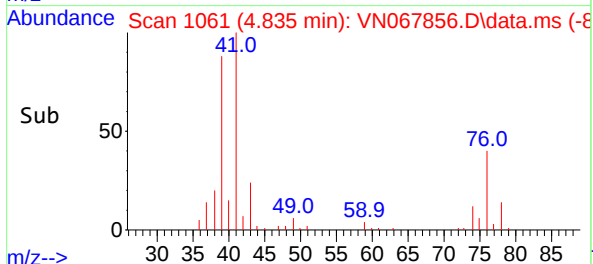
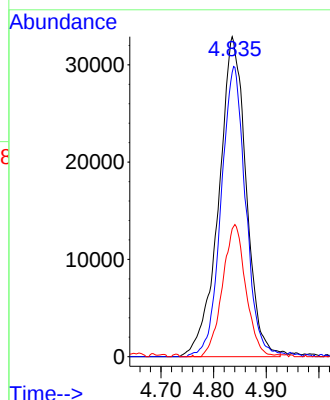
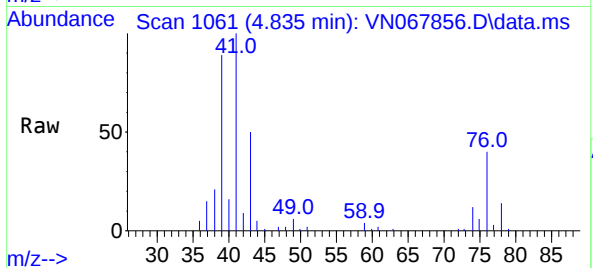
#17
 Allyl chloride
 Concen: 21.093 ug/l
 RT: 4.835 min Scan# 1061
 Delta R.T. 0.003 min
 Lab File: VN067856.D
 Acq: 22 Jul 2021 9:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tgt Ion: 41 Resp: 118870
 Ion Ratio Lower Upper
 41 100
 39 88.9 42.4 127.3
 76 40.0 17.9 53.8

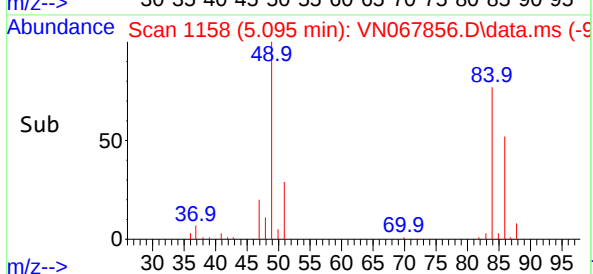
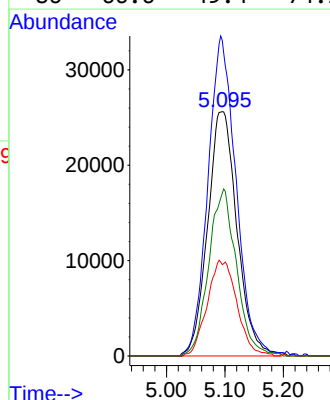
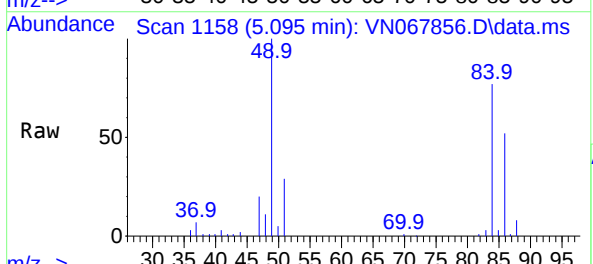
Manual Integrations
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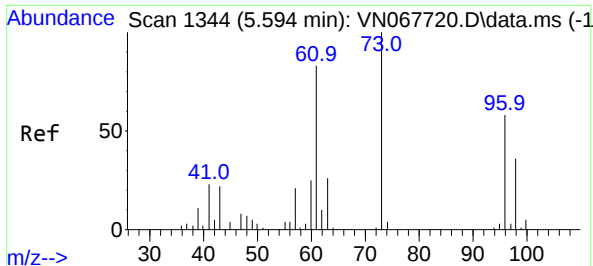
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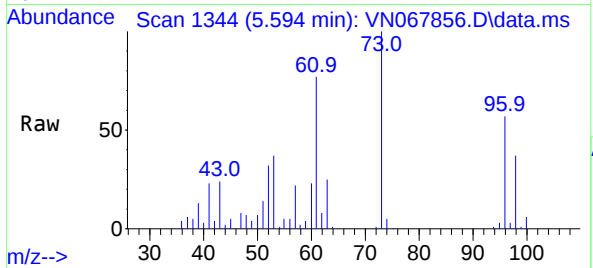
#18
 Methylene Chloride
 Concen: 20.189 ug/l
 RT: 5.095 min Scan# 1158
 Delta R.T. 0.003 min
 Lab File: VN067856.D
 Acq: 22 Jul 2021 9:55

Tgt Ion: 84 Resp: 89482
 Ion Ratio Lower Upper
 84 100
 49 129.2 100.5 150.7
 51 37.4 30.7 46.1
 86 66.6 49.4 74.2

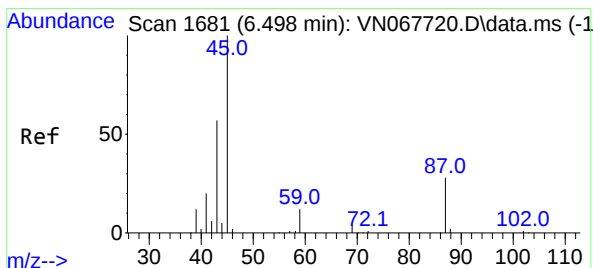
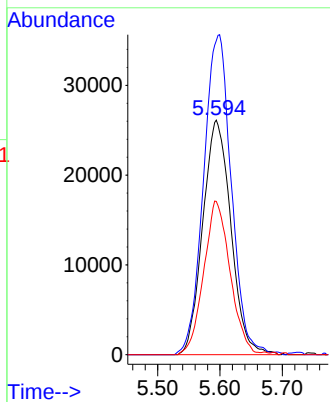
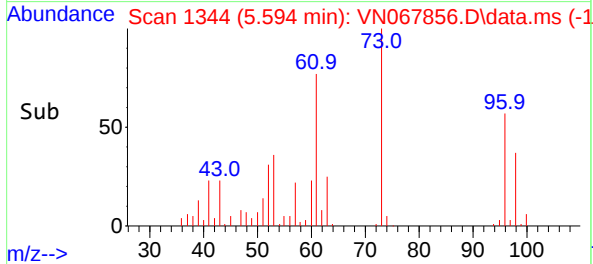




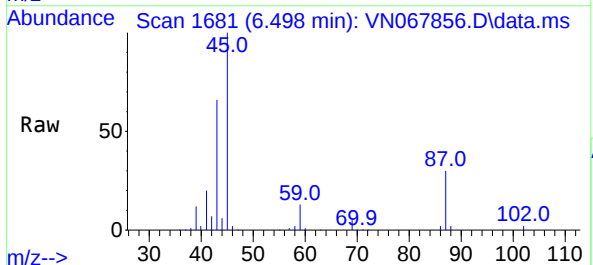
#19
trans-1,2-Dichloroethene
Concen: 21.467 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



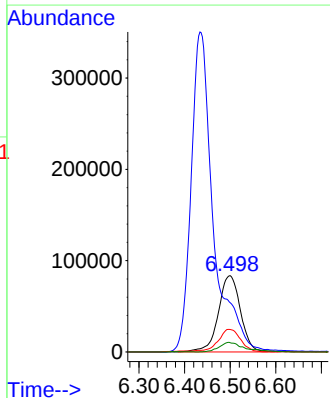
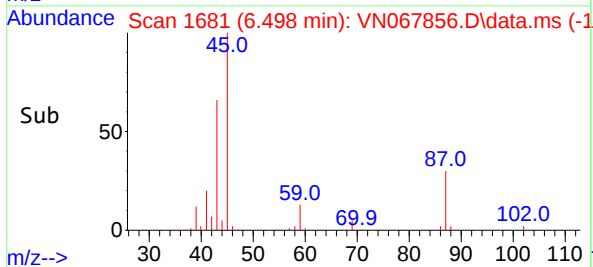
Tgt Ion: 96 Resp: 81979
Ion Ratio Lower Upper
96 100
61 132.7 114.3 171.5
98 65.3 49.3 73.9



#20
Diisopropyl ether
Concen: 21.095 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



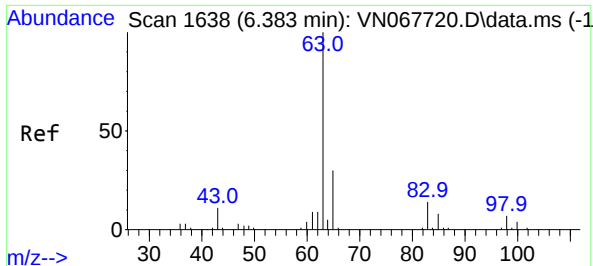
Tgt Ion: 45 Resp: 281488
Ion Ratio Lower Upper
45 100
43 63.7 51.8 77.6
87 29.5 22.5 33.7
59 12.1 9.3 13.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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#21

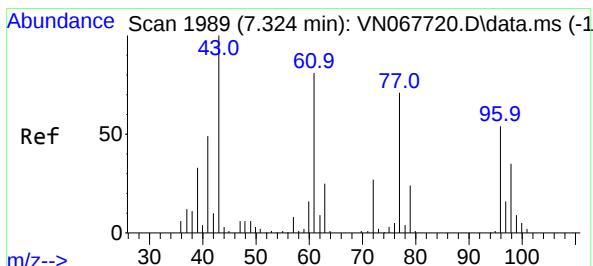
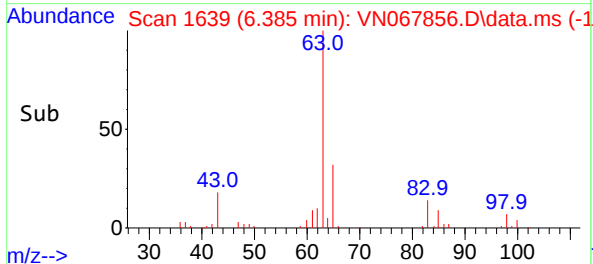
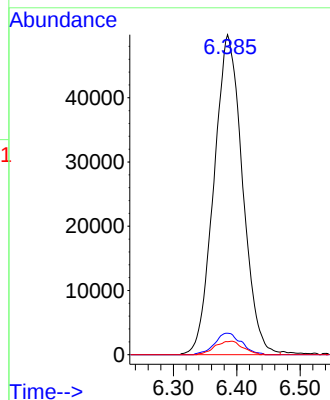
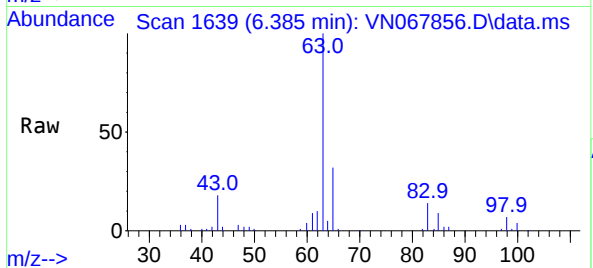
1,1-Dichloroethane
Concen: 21.249 ug/l
RT: 6.385 min Scan# 1639
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 63 Resp: 155984
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.8
100 4.1 2.0 5.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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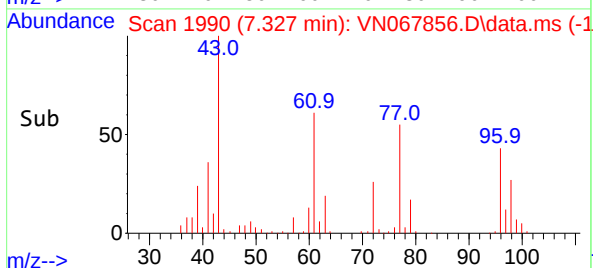
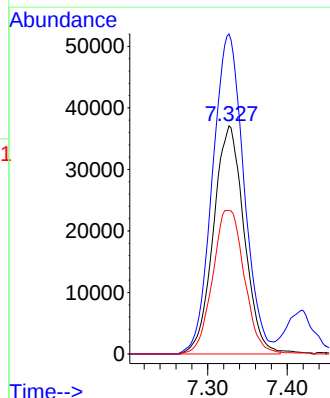
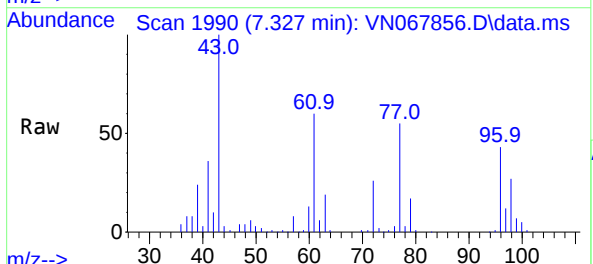
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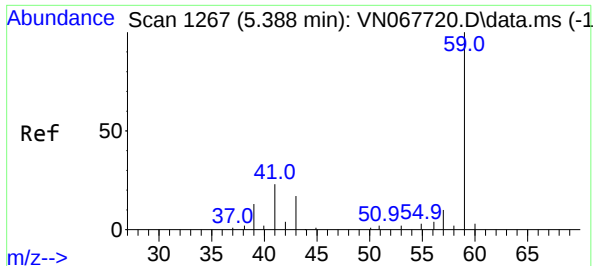


#22

cis-1,2-Dichloroethene
Concen: 21.022 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 96 Resp: 99060
Ion Ratio Lower Upper
96 100
61 144.2 121.2 181.8
98 34.9 51.8 77.8#





#23

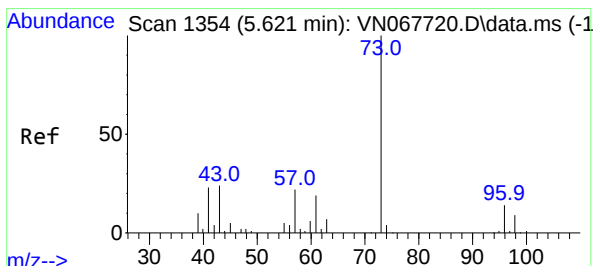
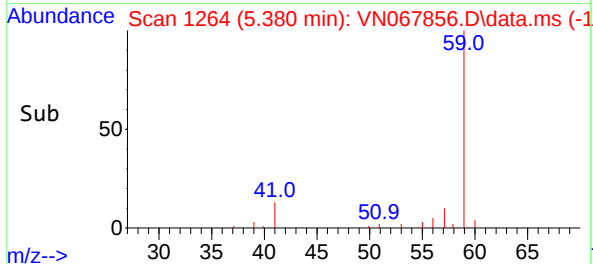
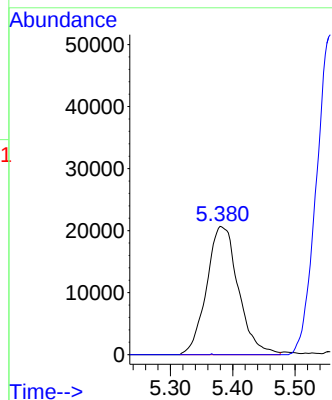
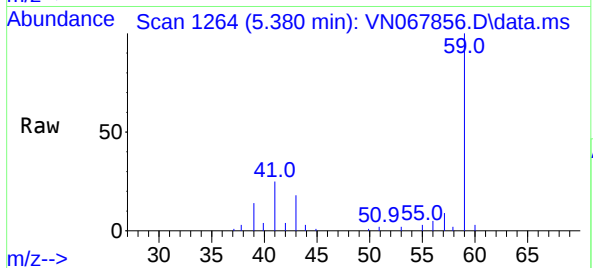
tert-Butyl Alcohol
Concen: 103.292 ug/l
RT: 5.380 min Scan# 1264
Delta R.T. -0.008 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 59 Resp: 73185
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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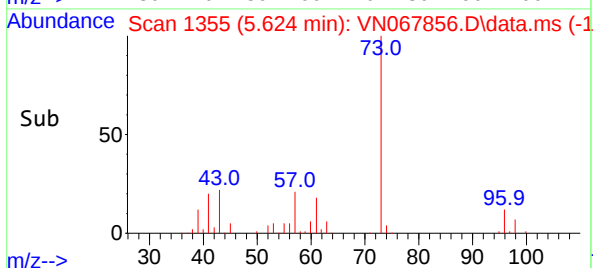
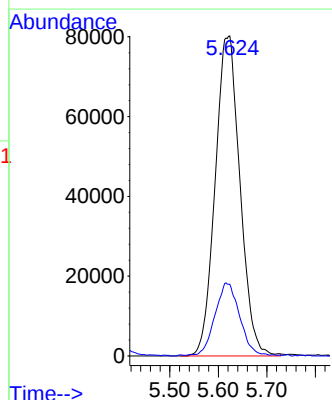
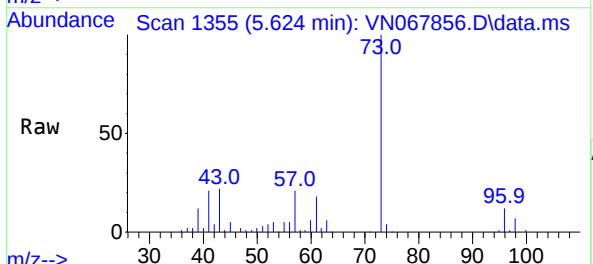
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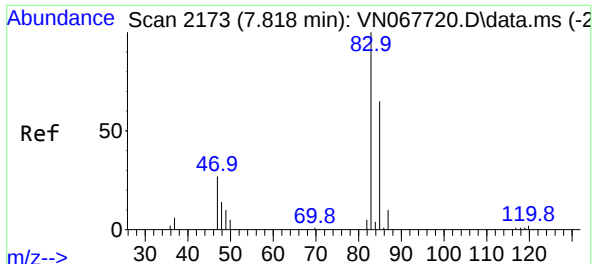


#24

Methyl tert-Butyl Ether
Concen: 21.558 ug/l m
RT: 5.624 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 73 Resp: 285063
Ion Ratio Lower Upper
73 100
43 12.4 18.6 27.8#





#25

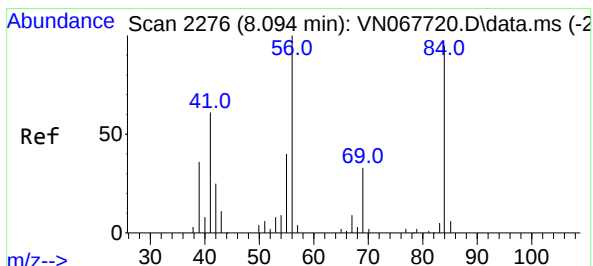
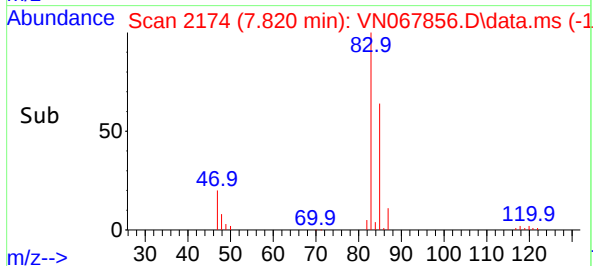
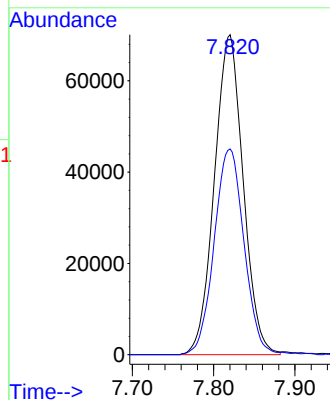
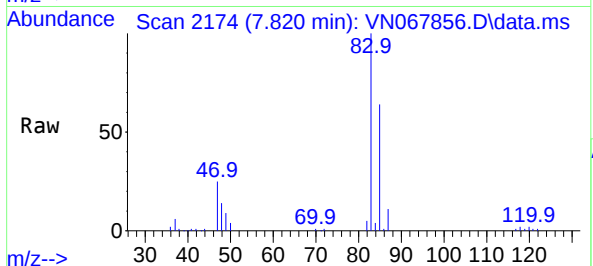
Chloroform
Concen: 21.146 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 172728
Ion Ratio Lower Upper
83 100
85 64.3 52.3 78.5

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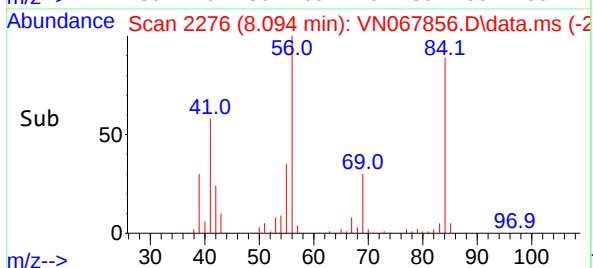
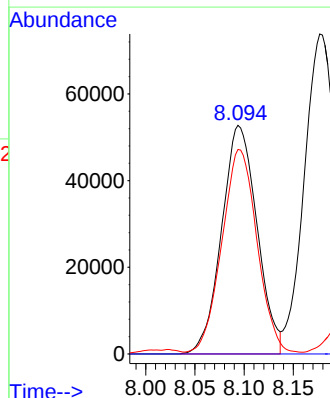
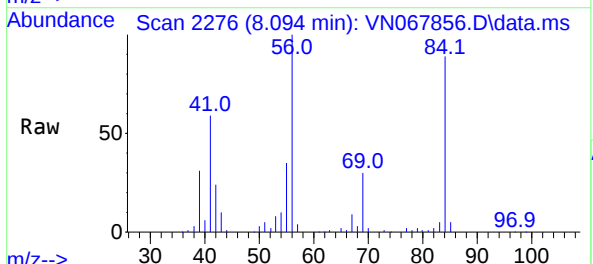
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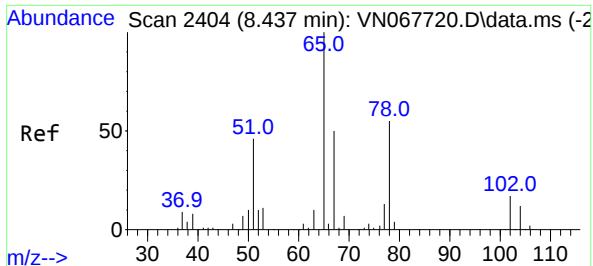


#26

Cyclohexane
Concen: 20.688 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 56 Resp: 132327
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.3 71.4 107.0





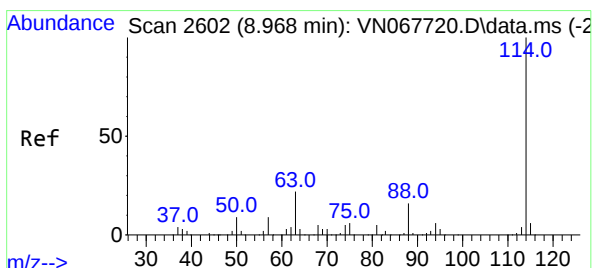
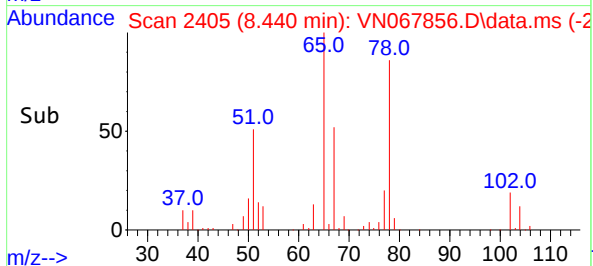
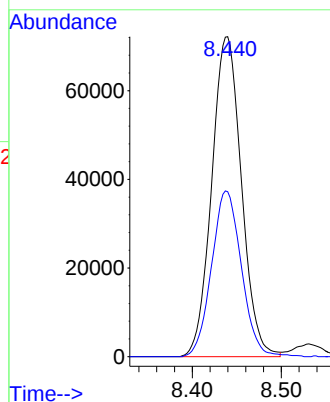
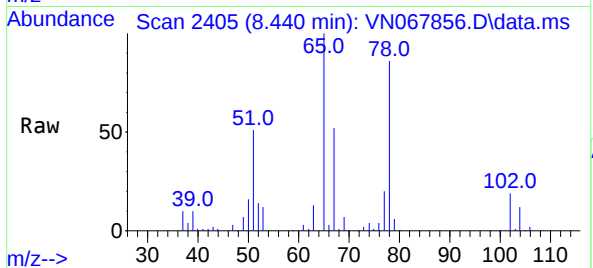
#27
1,2-Dichloroethane-d4
Concen: 31.426 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 65 Resp: 167623
Ion Ratio Lower Upper
65 100
67 52.0 40.6 60.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

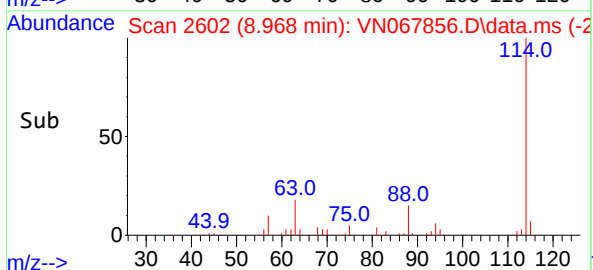
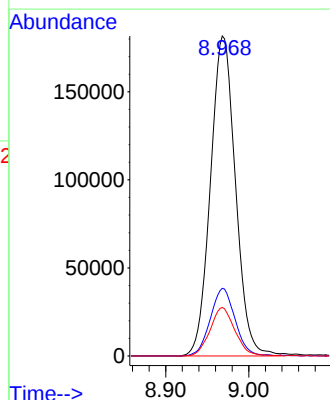
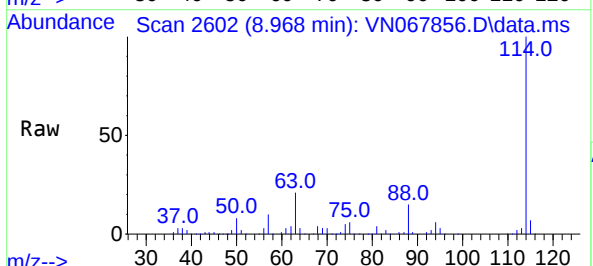
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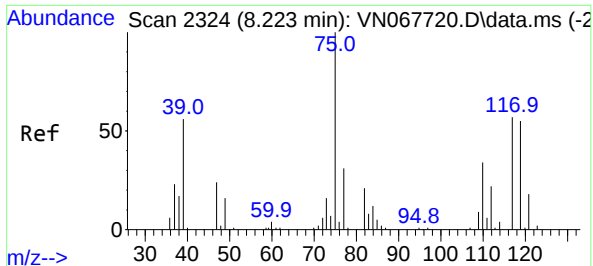
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 114 Resp: 380094
Ion Ratio Lower Upper
114 100
63 20.9 17.2 25.8
88 15.1 12.4 18.6





#29

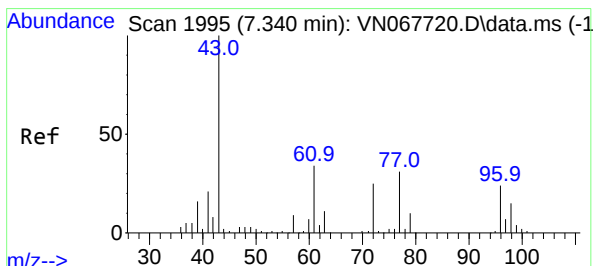
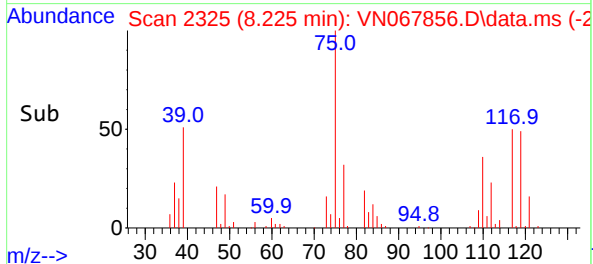
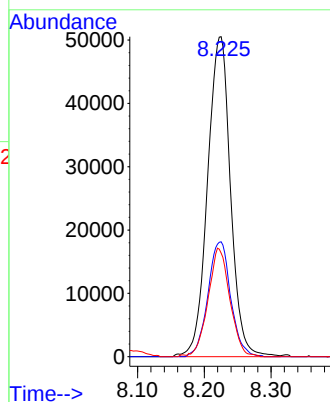
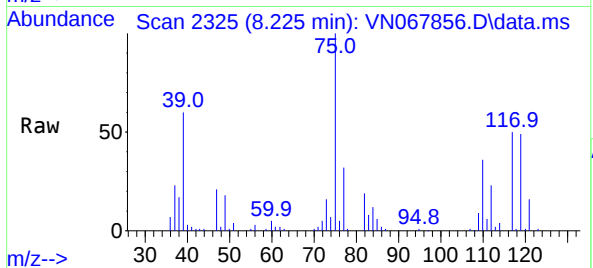
1,1-Dichloropropene
Concen: 20.234 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 75 Resp: 120667
Ion Ratio Lower Upper
75 100
110 35.7 0.0 69.2
77 32.2 0.0 60.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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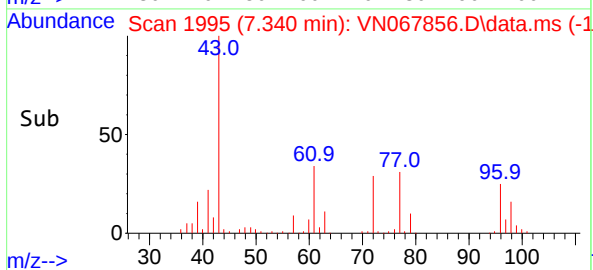
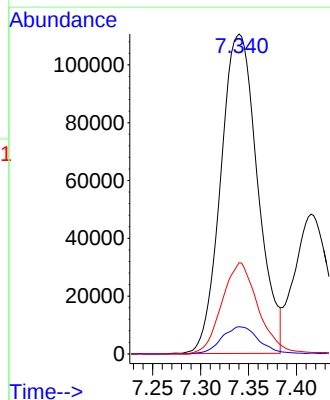
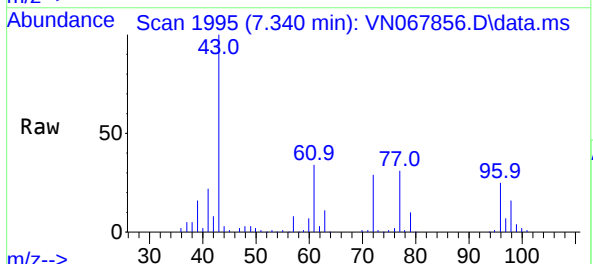
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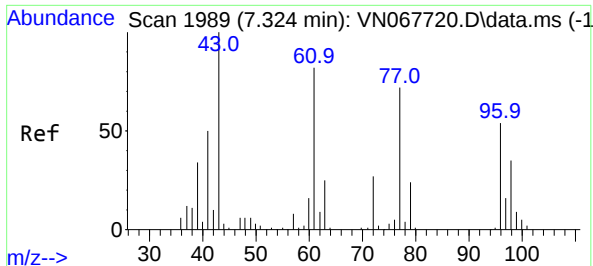


#30

2-Butanone
Concen: 106.803 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 43 Resp: 294955
Ion Ratio Lower Upper
43 100
57 8.7 6.6 9.8
72 28.3 21.8 32.6





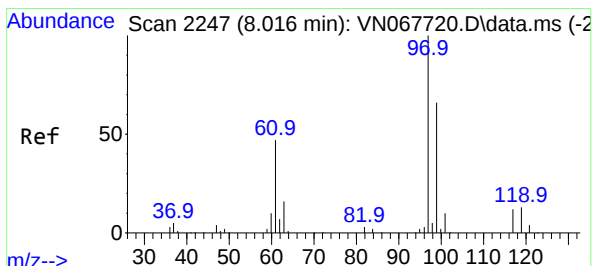
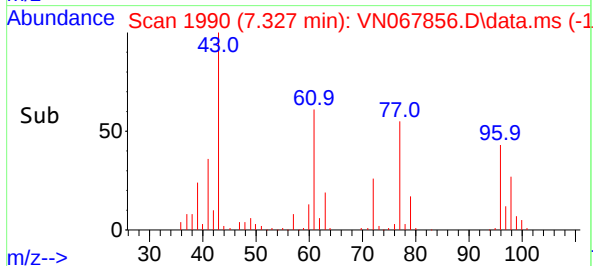
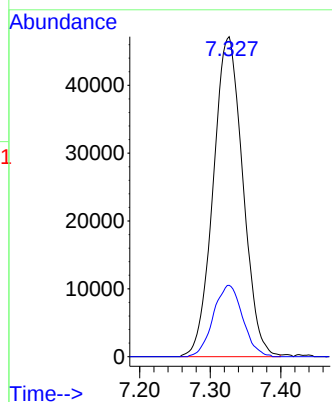
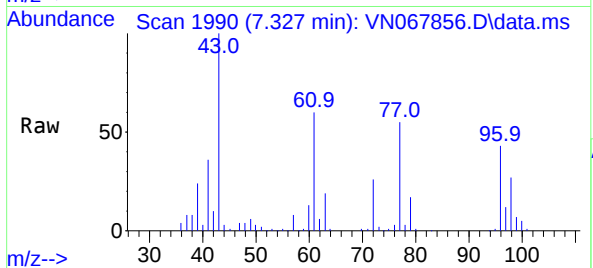
#31
2,2-Dichloropropane
Concen: 20.648 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 77 Resp: 137372
Ion Ratio Lower Upper
77 100
97 22.2 17.8 26.6

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

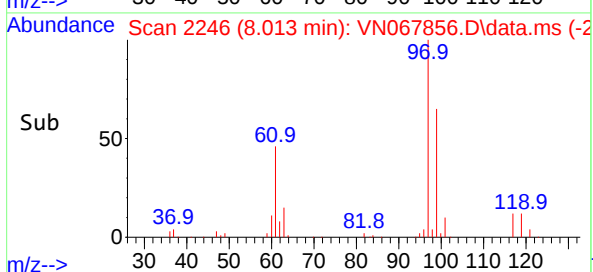
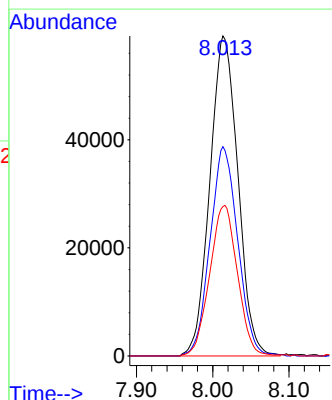
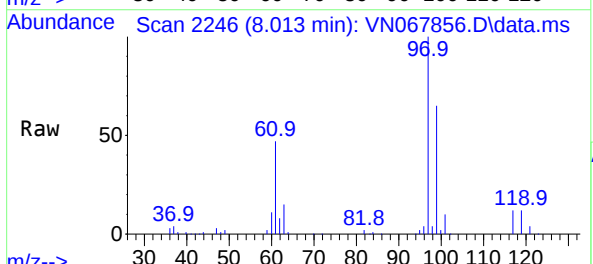
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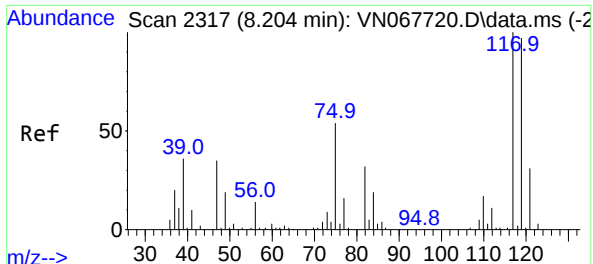
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#32
1,1,1-Trichloroethane
Concen: 20.657 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 97 Resp: 151276
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 46.5 37.6 56.4





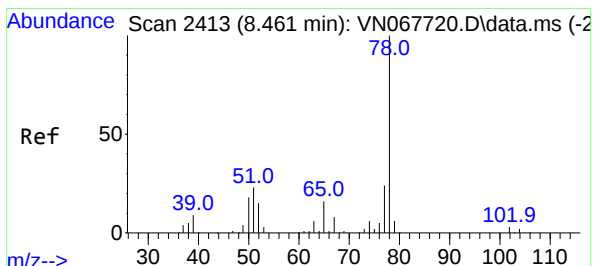
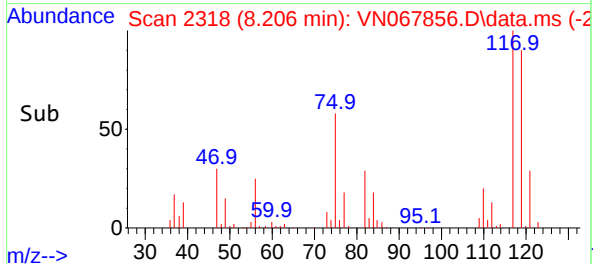
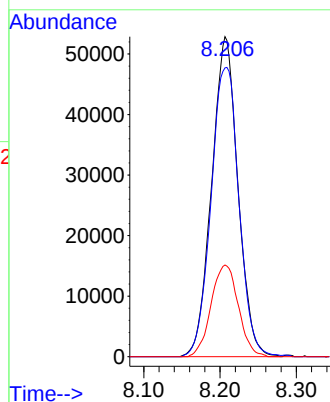
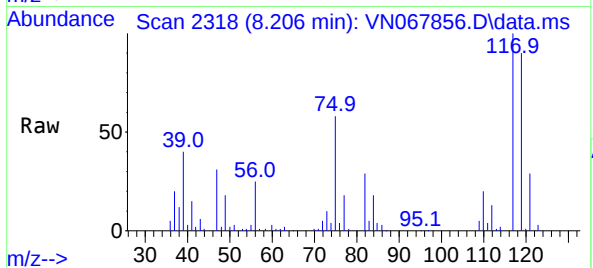
#33
Carbon Tetrachloride
Concen: 20.206 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tgt Ion:117 Resp: 126351
Ion Ratio Lower Upper
117 100
119 90.2 77.6 116.4
121 28.6 24.6 36.8

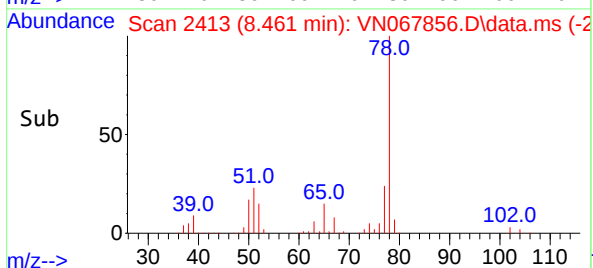
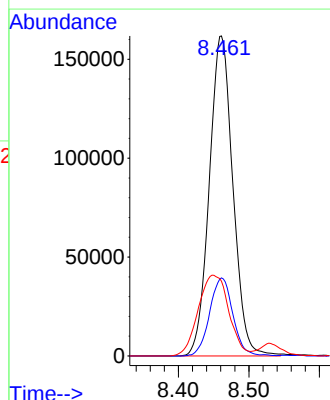
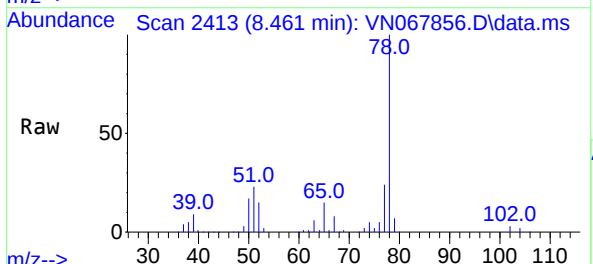
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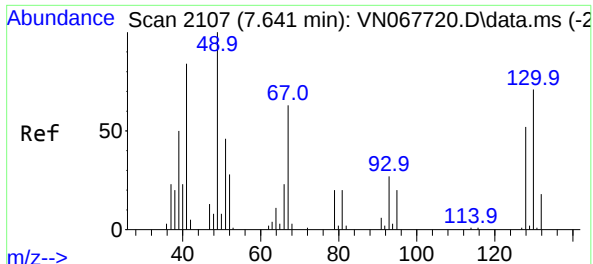
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#34
Benzene
Concen: 21.104 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 78 Resp: 376200
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 22.4 18.2 27.4





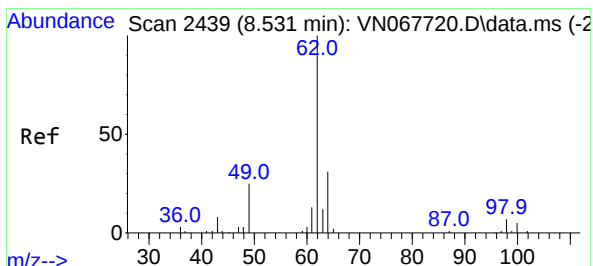
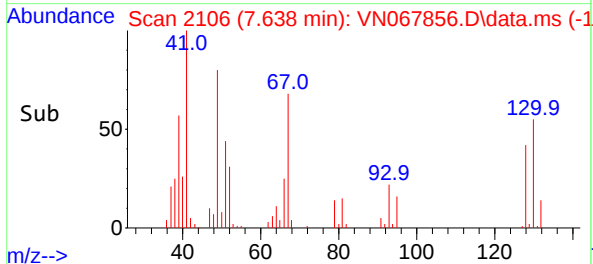
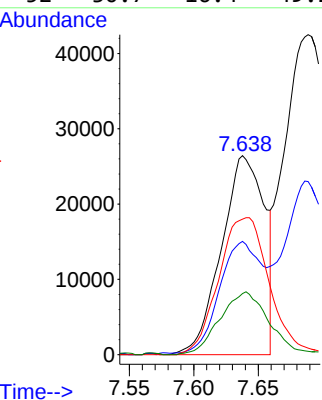
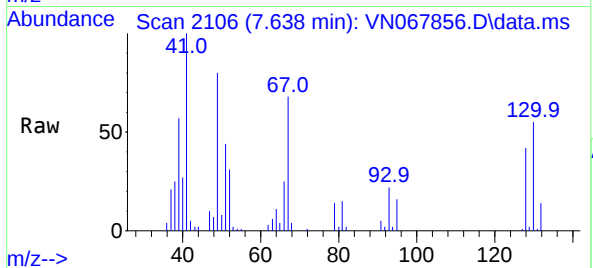
#35
Methacrylonitrile
Concen: 21.562 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:	41	Resp:	61213
Ion	Ratio	Lower	Upper
41	100		
39	56.1	29.6	88.9
67	68.0	37.4	112.2
52	30.7	16.4	49.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

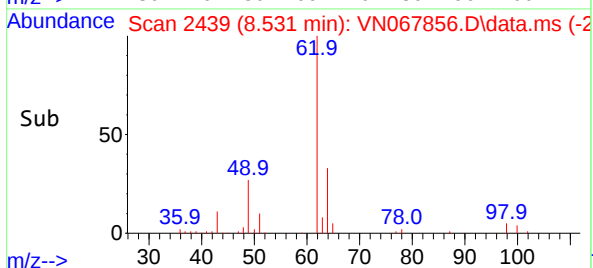
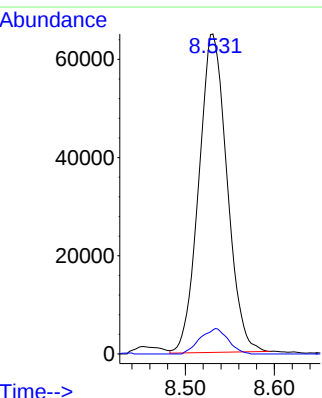
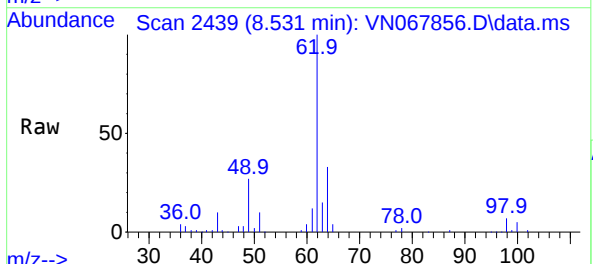
Manual Integrations
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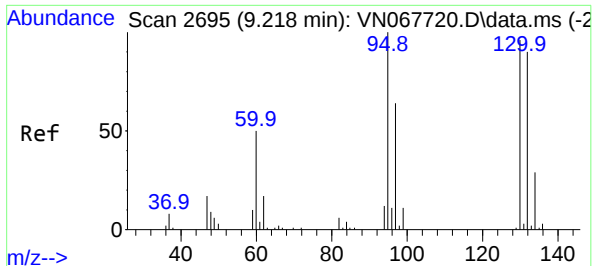
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#36
1,2-Dichloroethane
Concen: 21.492 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:	62	Resp:	142621
Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.2	9.2





#37

Trichloroethene

Concen: 21.291 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.000 min

Lab File: VN067856.D

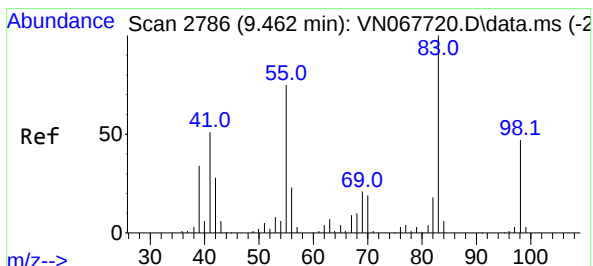
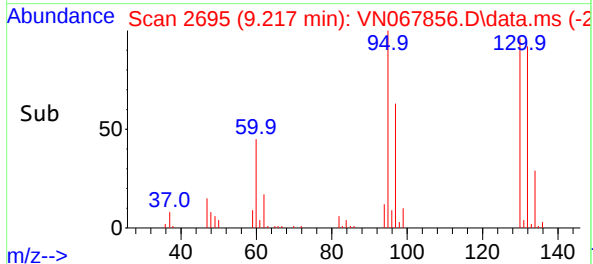
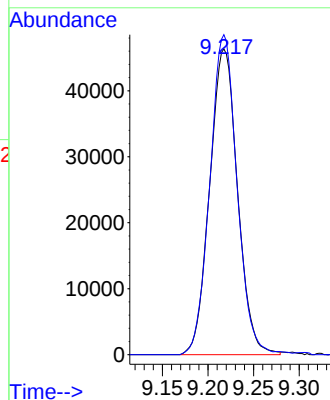
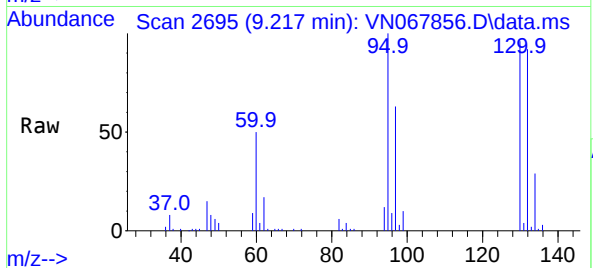
Acq: 22 Jul 2021 9:55

Tgt Ion:130 Resp: 98600

Ion Ratio Lower Upper

130 100

95 104.7 83.2 124.8



#38

Methylcyclohexane

Concen: 20.338 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VN067856.D

Acq: 22 Jul 2021 9:55

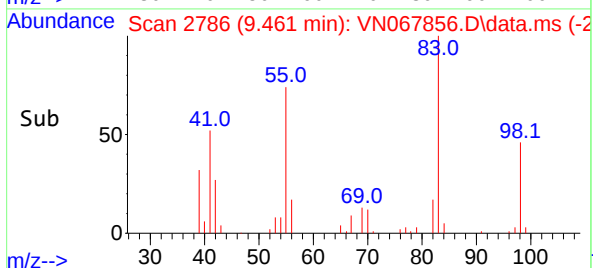
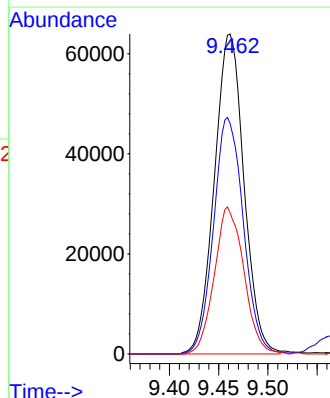
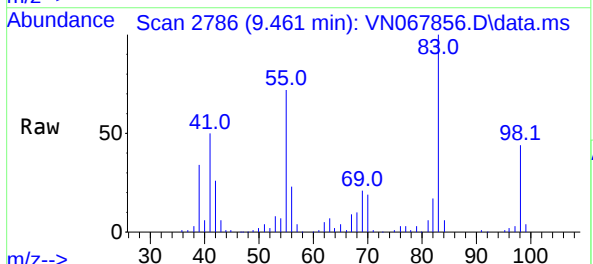
Tgt Ion: 83 Resp: 134334

Ion Ratio Lower Upper

83 100

55 74.3 37.4 112.2

98 45.7 23.5 70.6



Instrument :

MSVOA_N

ClientSampleId :

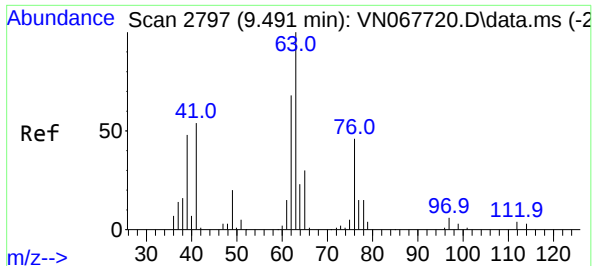
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#39

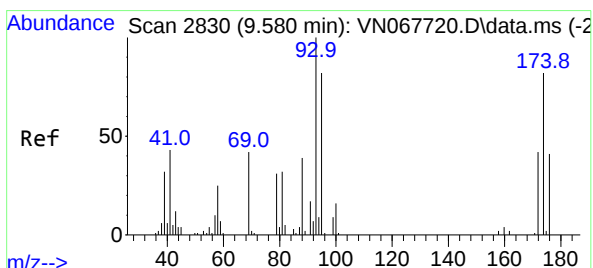
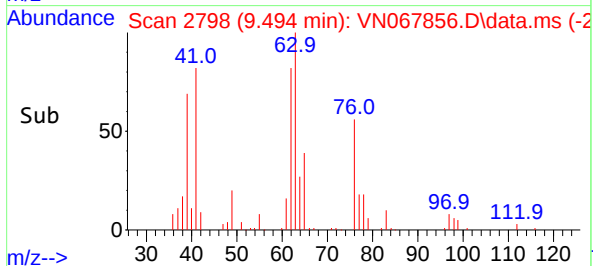
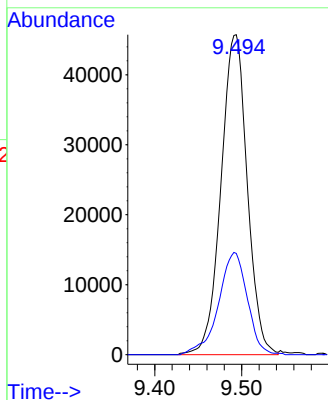
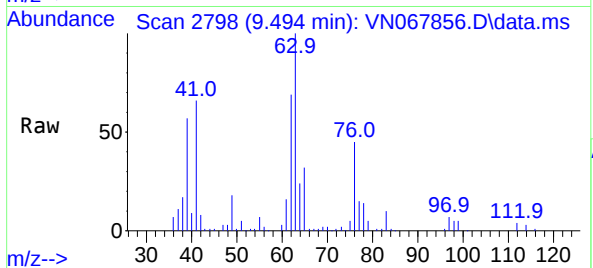
1,2-Dichloropropane
Concen: 21.122 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 63 Resp: 96018
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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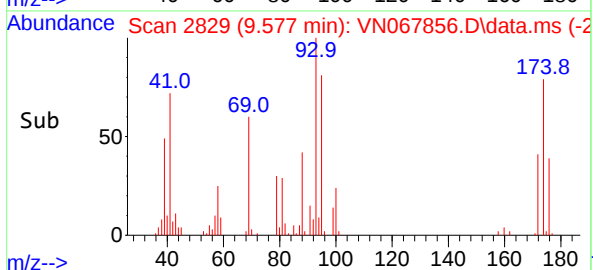
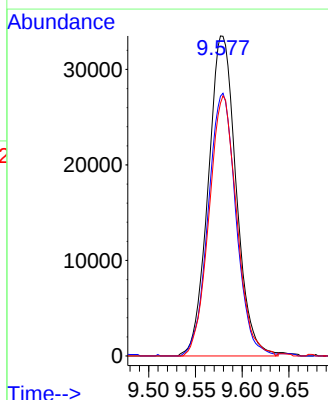
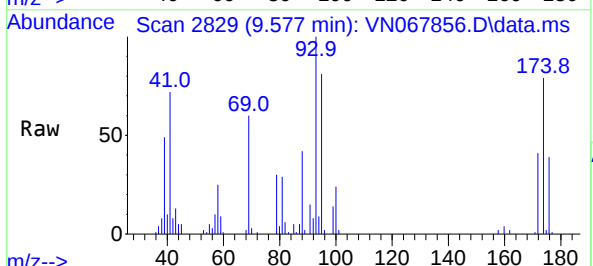
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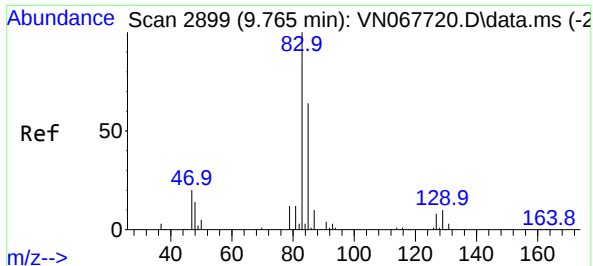


#40

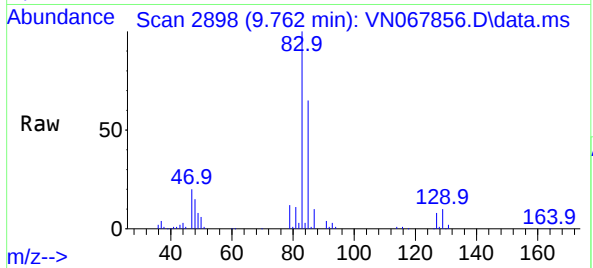
Dibromomethane
Concen: 21.355 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 93 Resp: 69810
Ion Ratio Lower Upper
93 100
95 81.5 0.0 165.4
174 80.4 0.0 163.0

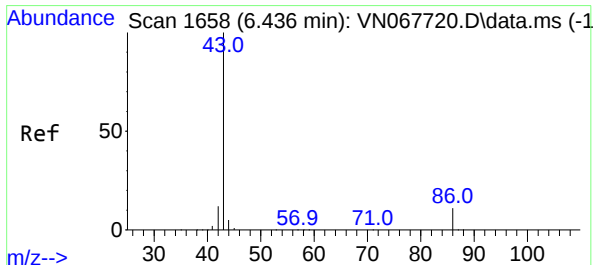
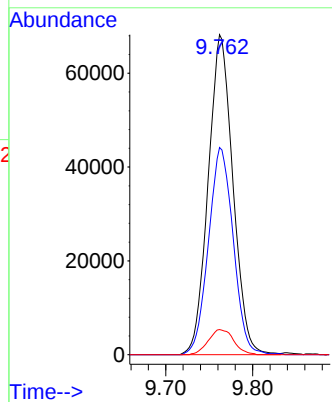
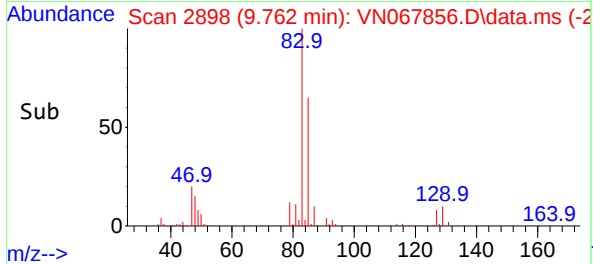




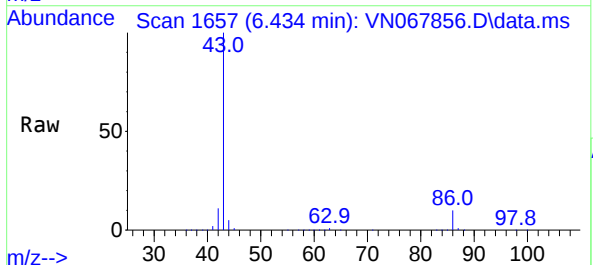
#41
Bromodichloromethane
Concen: 21.009 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



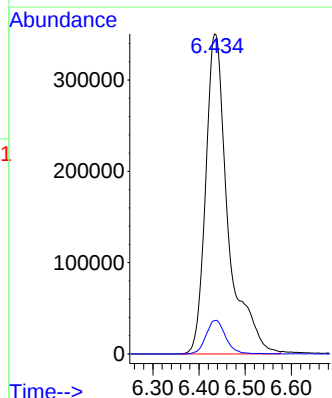
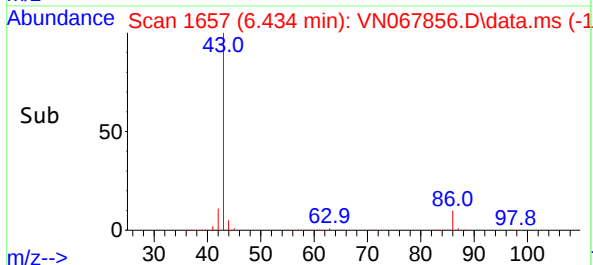
Tgt Ion: 83 Resp: 134818
Ion Ratio Lower Upper
83 100
85 64.8 51.3 76.9
127 7.9 6.6 10.0



#42
Vinyl Acetate
Concen: 107.428 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



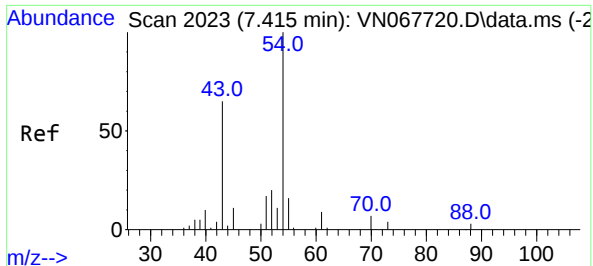
Tgt Ion: 43 Resp: 1180278
Ion Ratio Lower Upper
43 100
86 9.2 8.2 12.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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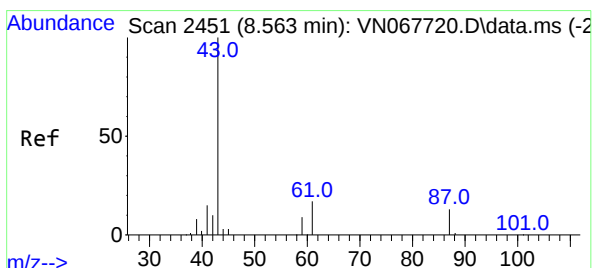
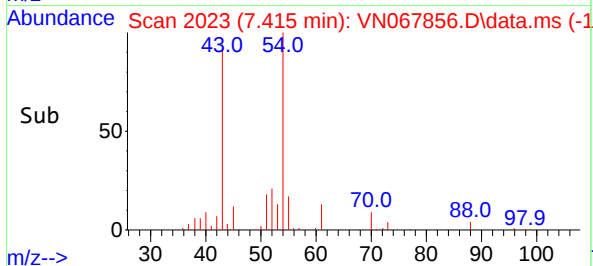
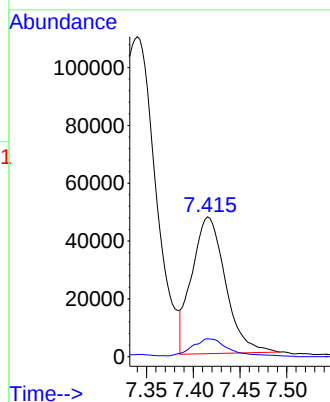
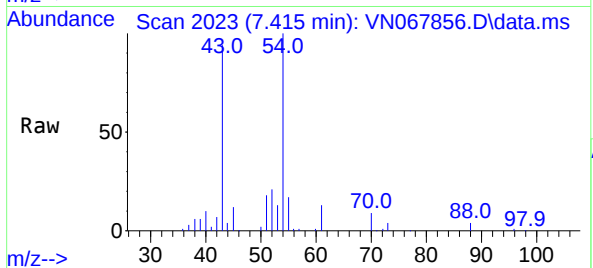
#43
Ethyl Acetate
Concen: 21.104 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 43 Resp: 117829
Ion Ratio Lower Upper
43 100
45 14.7 10.5 15.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

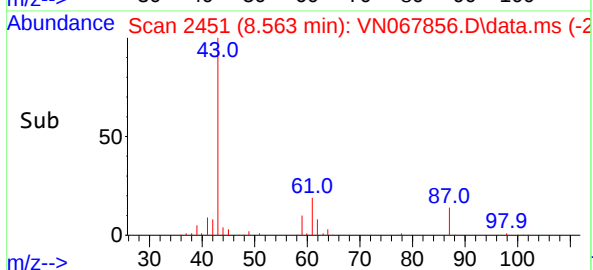
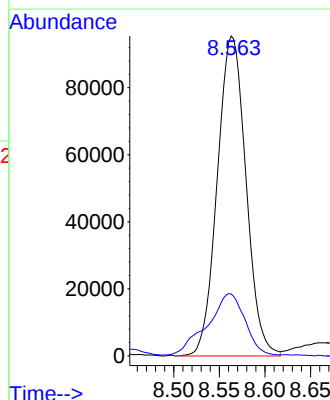
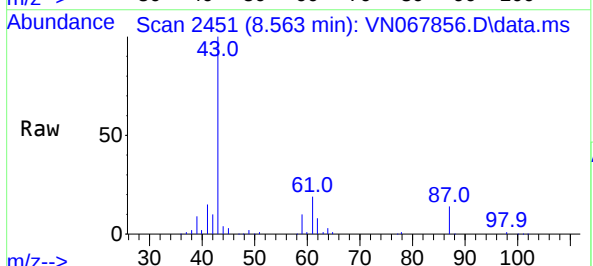
Manual Integrations
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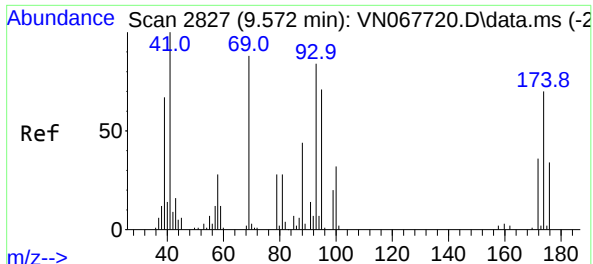
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#44
Isopropyl Acetate
Concen: 20.597 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 43 Resp: 208805
Ion Ratio Lower Upper
43 100
61 25.2 20.4 30.6





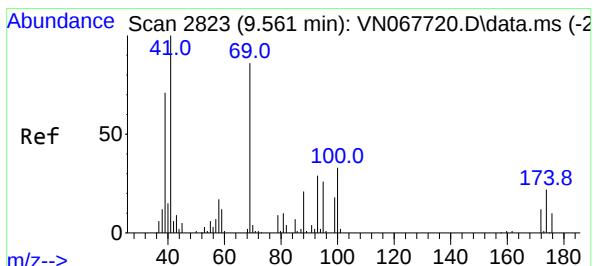
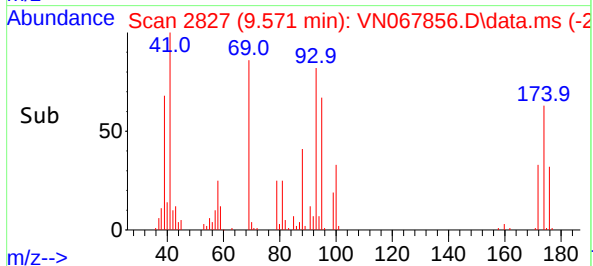
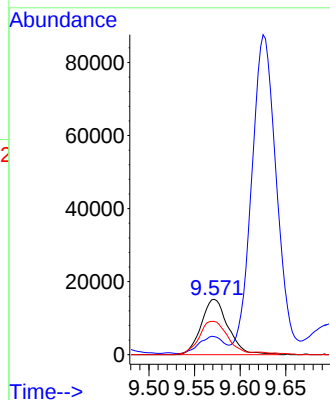
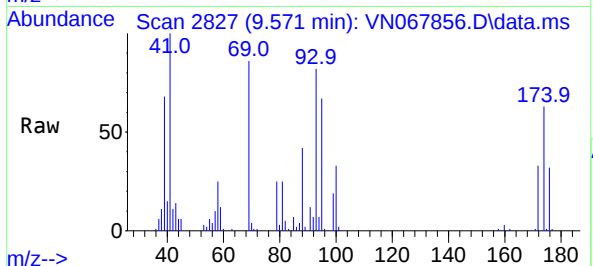
#45
1,4-Dioxane
Concen: 406.041 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 88 Resp: 31171
Ion Ratio Lower Upper
88 100
43 28.1 26.9 40.3
58 63.8 52.2 78.4

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

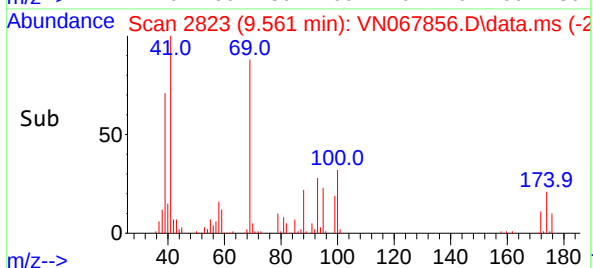
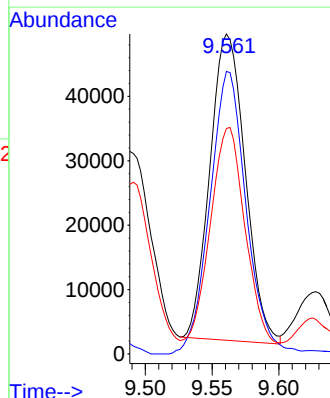
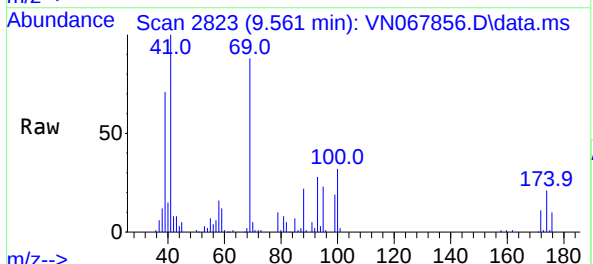
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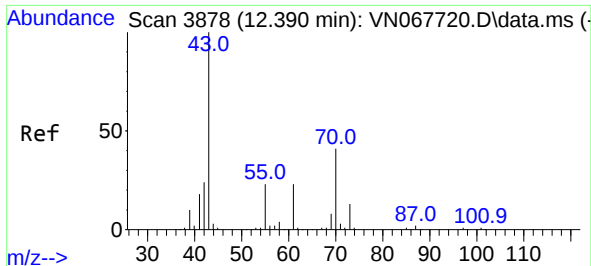
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#46
Methyl methacrylate
Concen: 19.968 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 41 Resp: 87388
Ion Ratio Lower Upper
41 100
69 91.8 43.0 128.8
39 70.8 35.5 106.7





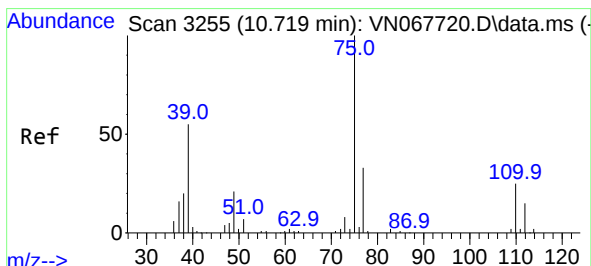
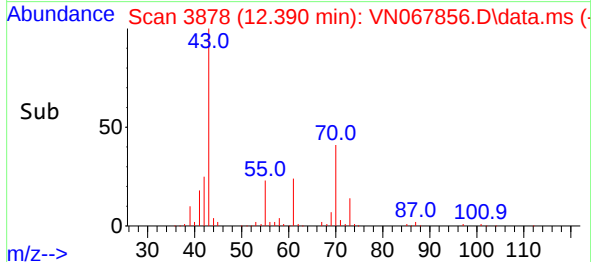
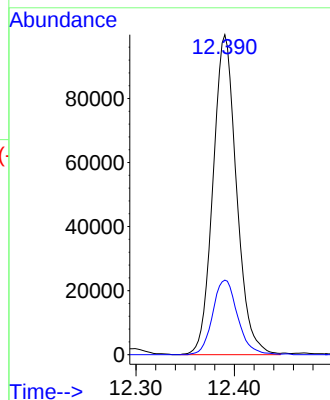
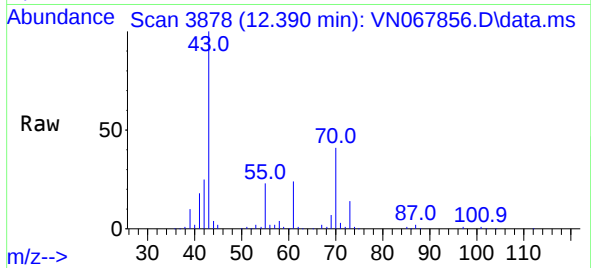
#47
n-amy1 Acetate
Concen: 19.980 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 43 Resp: 166269
Ion Ratio Lower Upper
43 100
55 24.7 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

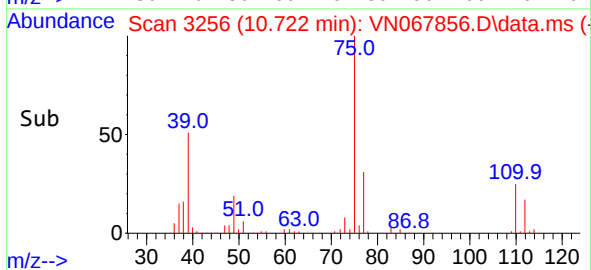
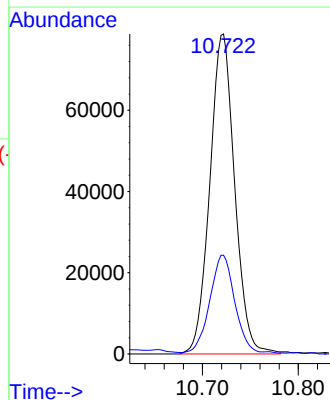
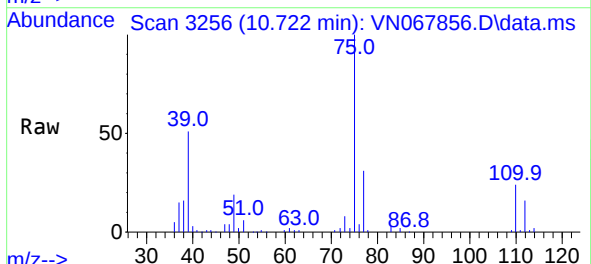
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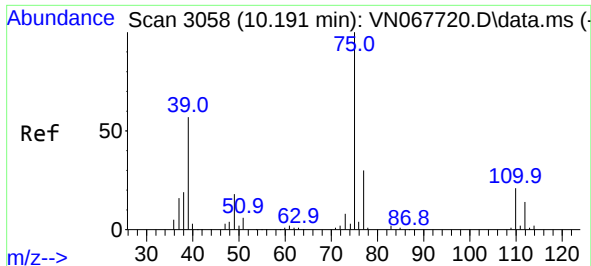
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#48
t-1,3-Dichloropropene
Concen: 20.529 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 75 Resp: 141962
Ion Ratio Lower Upper
75 100
77 30.5 27.0 40.4





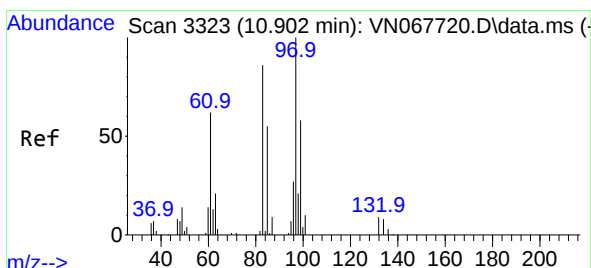
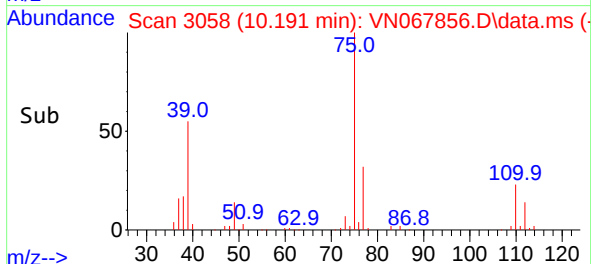
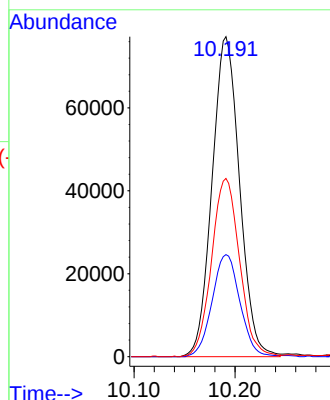
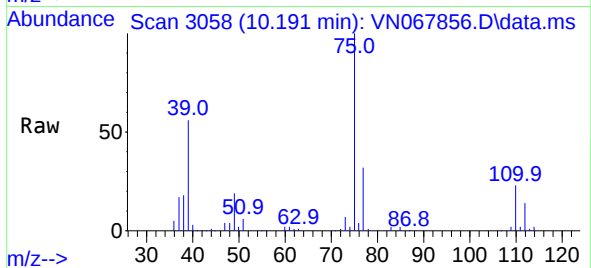
#49
 cis-1,3-Dichloropropene
 Concen: 19.855 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN067856.D
 Acq: 22 Jul 2021 9:55

Tgt Ion:	75	Resp:	145748
Ion Ratio	Lower	Upper	
75	100		
77	31.9	23.8	35.6
39	55.7	45.3	67.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

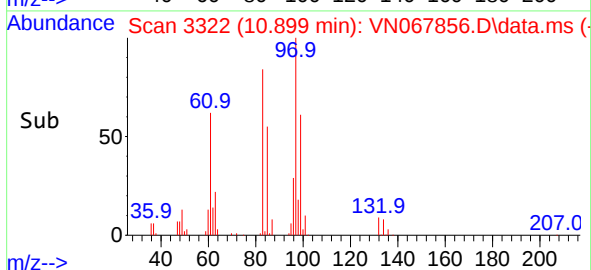
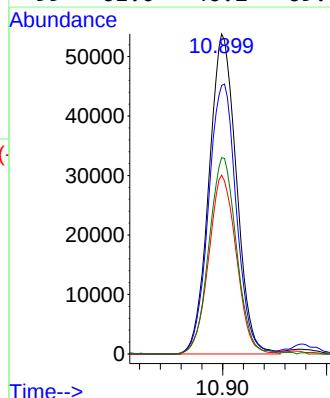
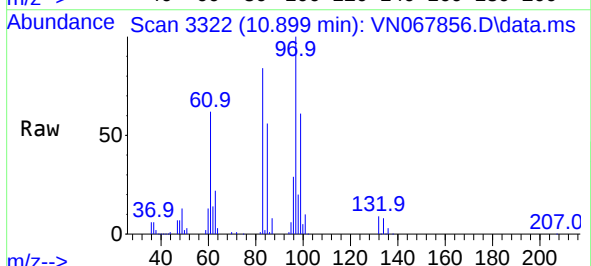
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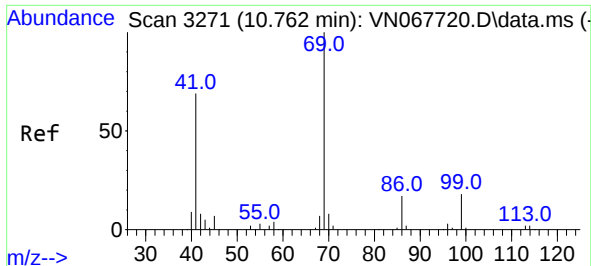
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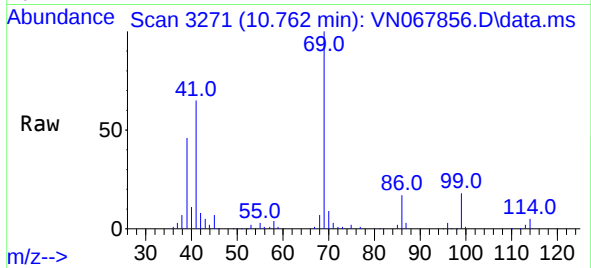
#50
 1,1,2-Trichloroethane
 Concen: 21.127 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. -0.003 min
 Lab File: VN067856.D
 Acq: 22 Jul 2021 9:55

Tgt Ion:	97	Resp:	98559
Ion Ratio	Lower	Upper	
97	100		
83	83.9	69.0	103.4
85	55.9	43.8	65.8
99	61.0	46.2	69.4

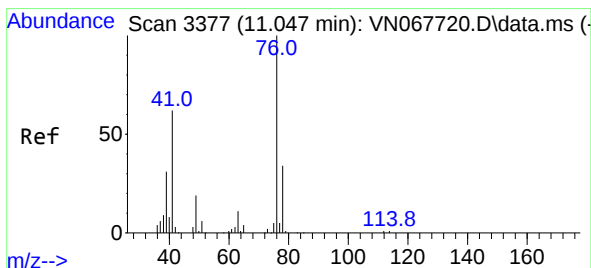
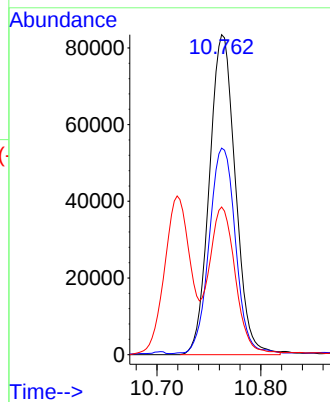
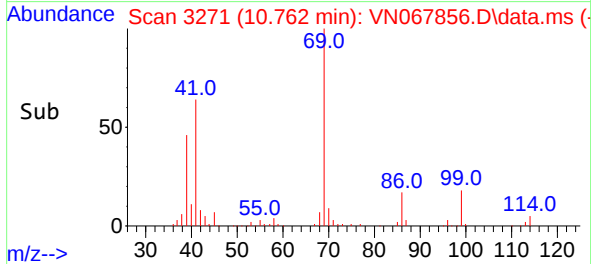




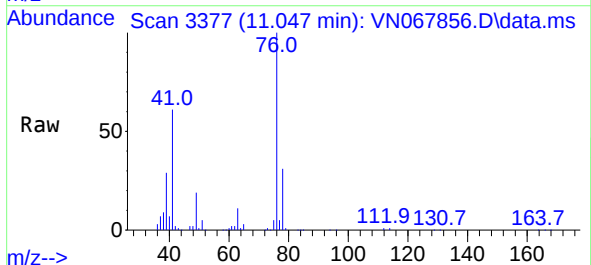
#51
Ethyl methacrylate
Concen: 20.044 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



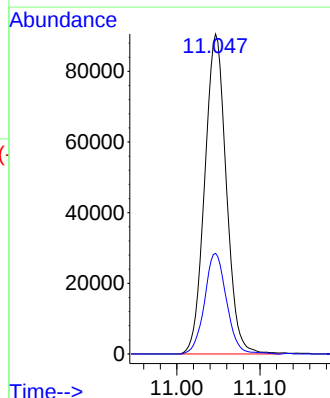
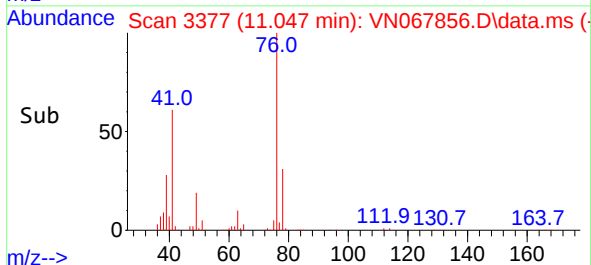
Tgt Ion: 69 Resp: 145407
Ion Ratio Lower Upper
69 100
41 63.9 34.3 102.9
39 45.5 23.7 71.1



#52
1,3-Dichloropropane
Concen: 21.134 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



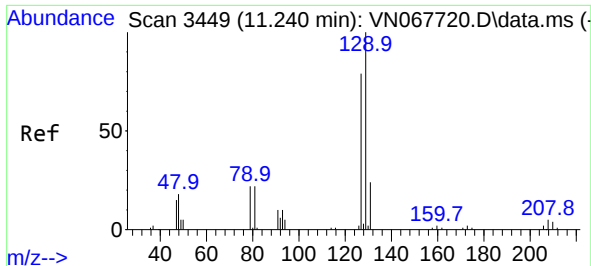
Tgt Ion: 76 Resp: 163016
Ion Ratio Lower Upper
76 100
78 32.1 0.0 67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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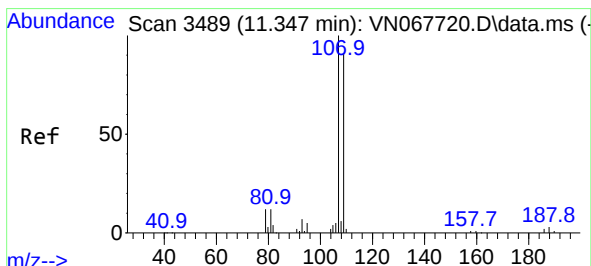
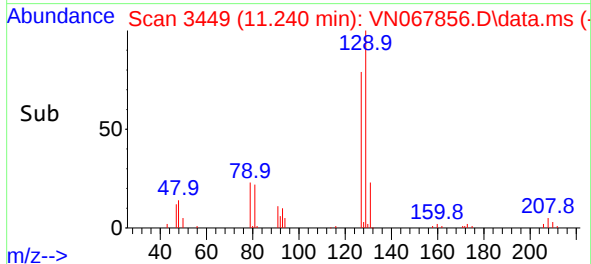
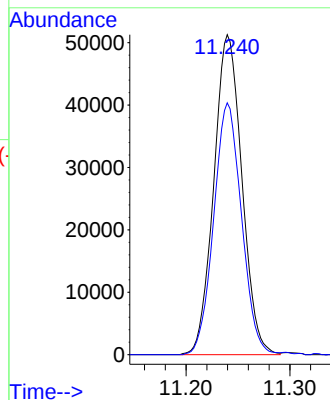
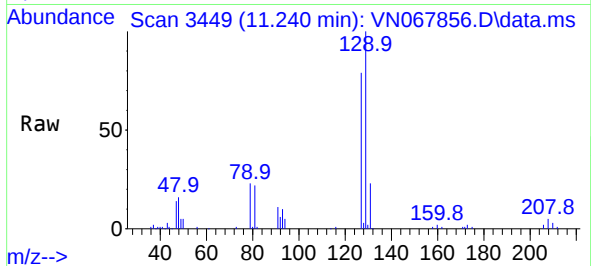
#53
Dibromochloromethane
Concen: 19.742 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 96407
Ion Ratio Lower Upper
129 100
127 77.8 39.6 118.8

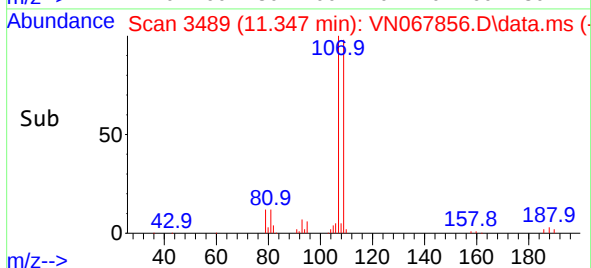
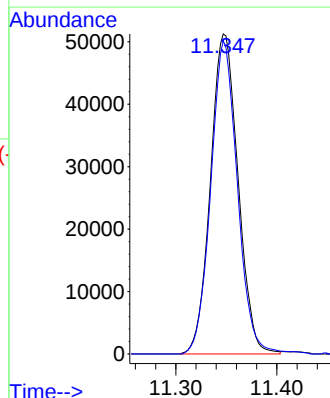
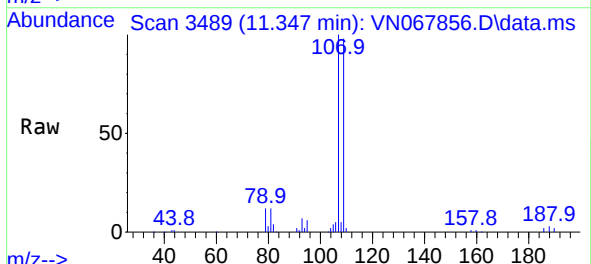
Manual Integrations
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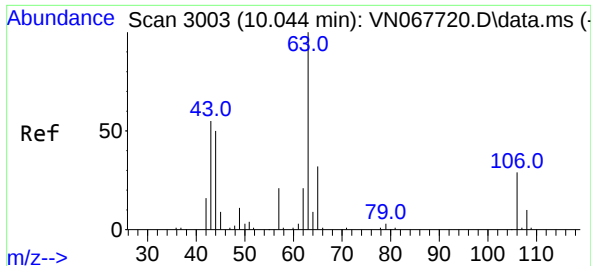
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#54
1,2-Dibromoethane
Concen: 20.178 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:107 Resp: 97099
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8





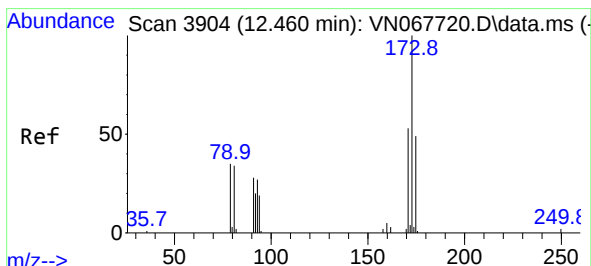
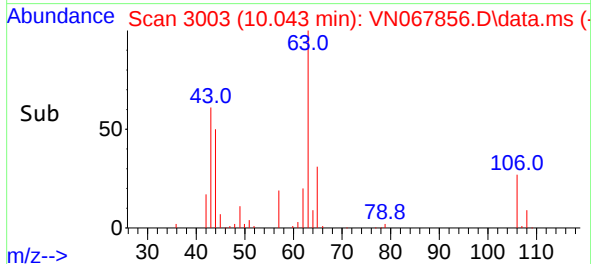
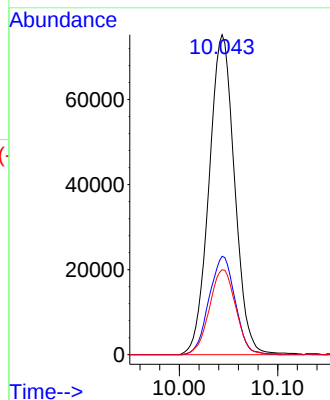
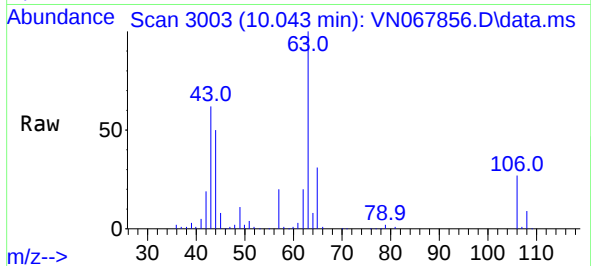
#55
2-Chloroethyl vinyl ether
Concen: 96.667 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 63 Resp: 135632
Ion Ratio Lower Upper
63 100
65 31.3 25.5 38.3
106 27.5 22.1 33.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

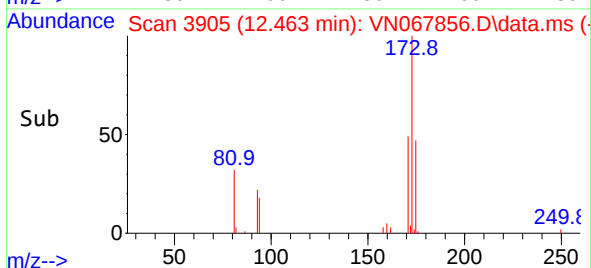
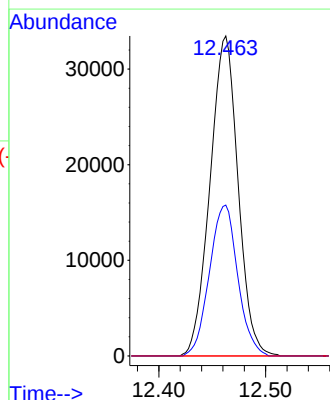
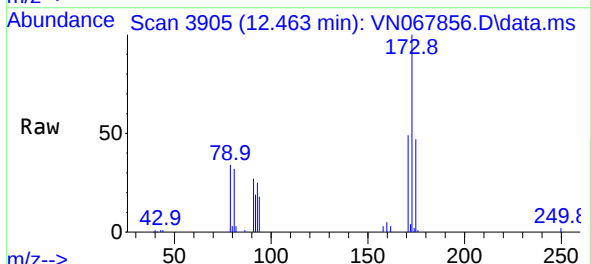
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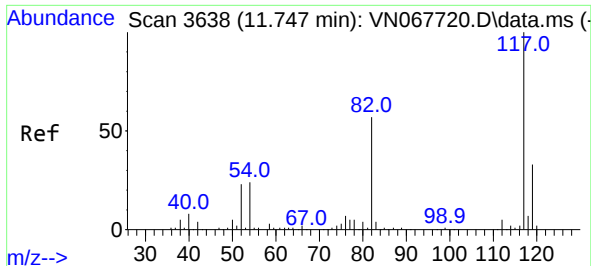
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#56
Bromoform
Concen: 17.850 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 173 Resp: 61073
Ion Ratio Lower Upper
173 100
175 47.6 38.5 57.7
254 0.0 0.0 0.0





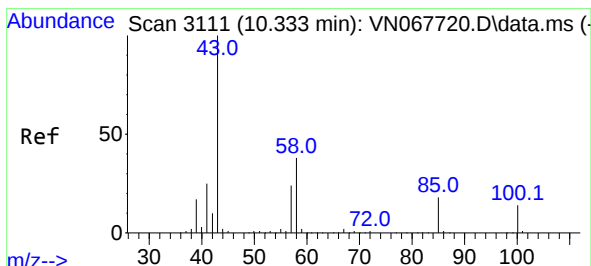
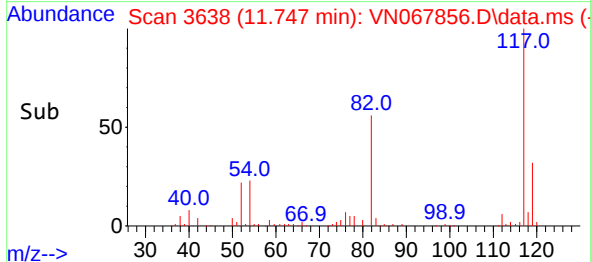
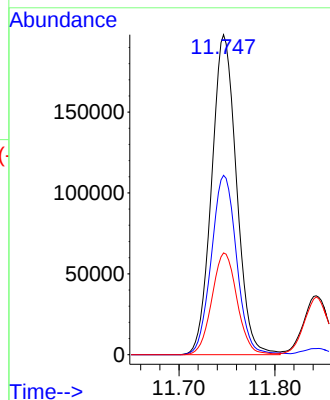
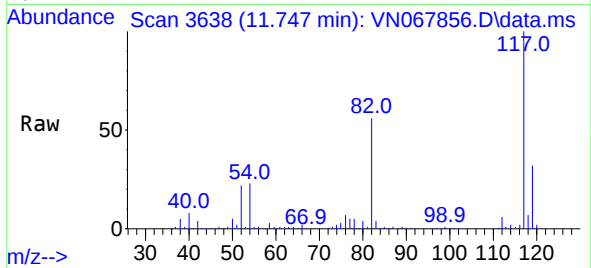
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:	117	Resp:	356543
Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.4	68.0
119	32.2	25.7	38.5

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

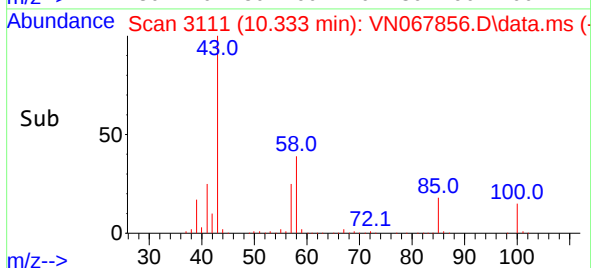
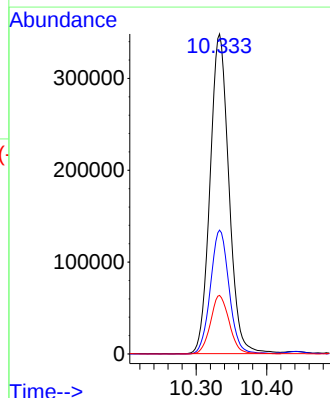
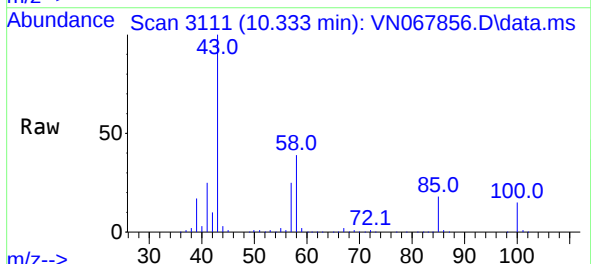
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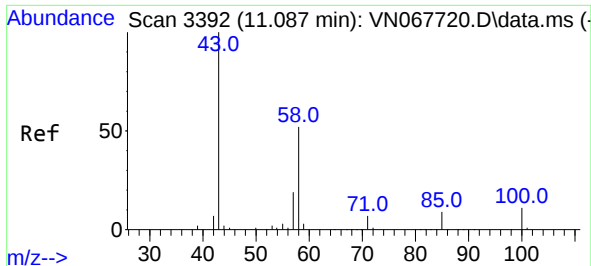
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#58
4-Methyl-2-Pentanone
Concen: 105.653 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:	43	Resp:	646832
Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.9	44.9
85	18.2	14.1	21.1





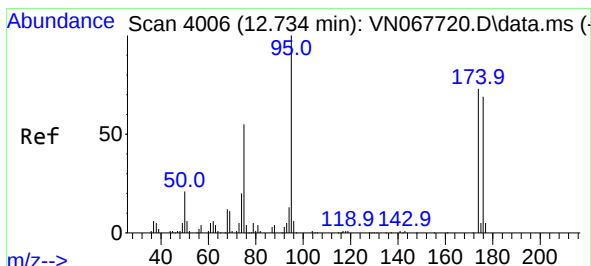
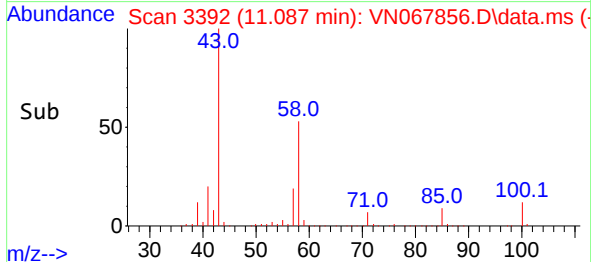
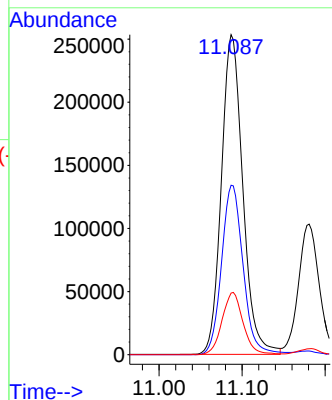
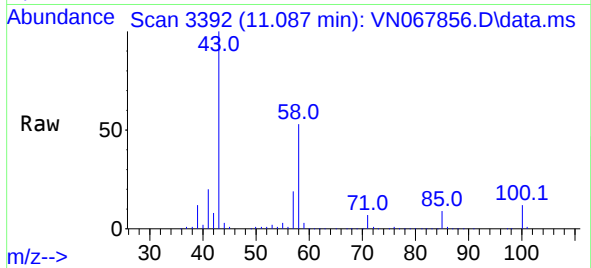
#59
2-Hexanone
Concen: 106.061 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 43 Resp: 455272
Ion Ratio Lower Upper
43 100
58 53.3 41.5 62.3
57 19.2 15.1 22.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

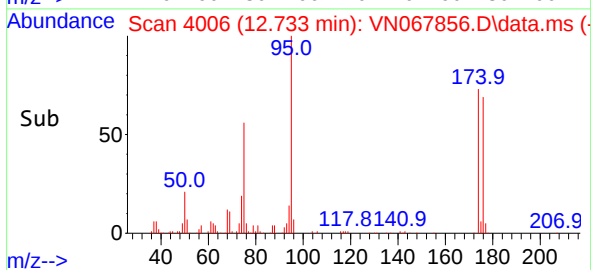
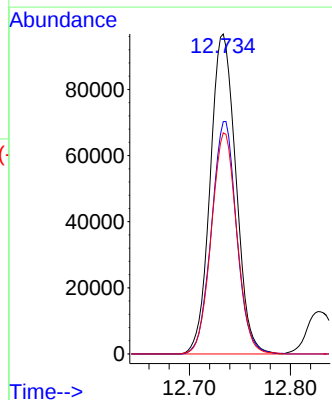
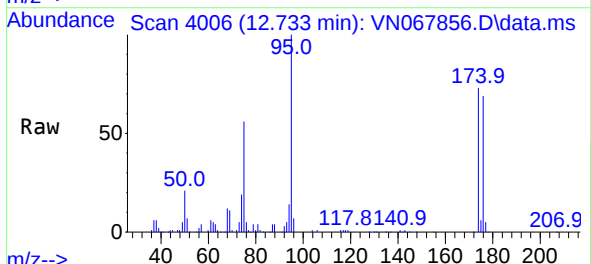
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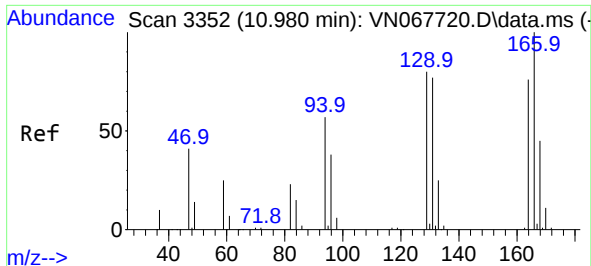
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#60
4-Bromofluorobenzene
Concen: 29.451 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 95 Resp: 170530
Ion Ratio Lower Upper
95 100
174 71.0 57.1 85.7
176 68.7 54.6 81.8





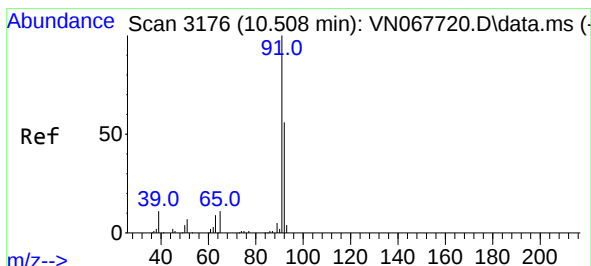
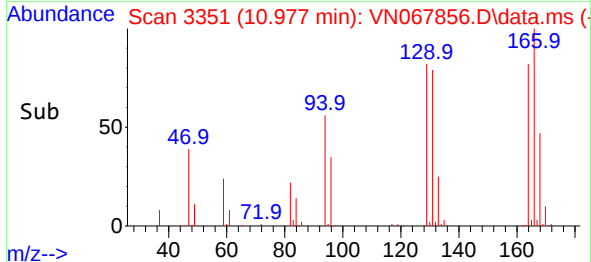
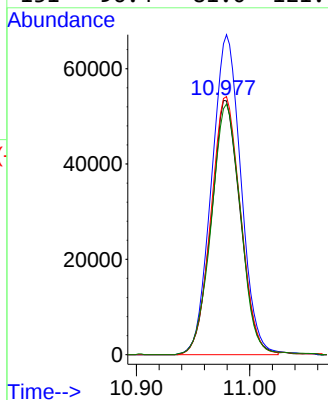
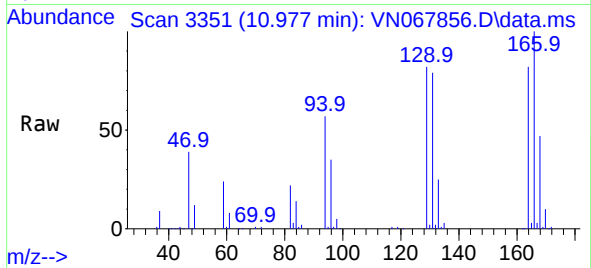
#61
Tetrachloroethene
Concen: 21.737 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:164 Resp: 95201
Ion Ratio Lower Upper
164 100
166 122.0 105.5 158.3
129 100.8 84.5 126.7
131 96.4 81.0 121.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

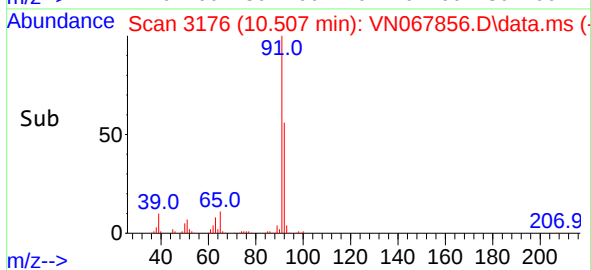
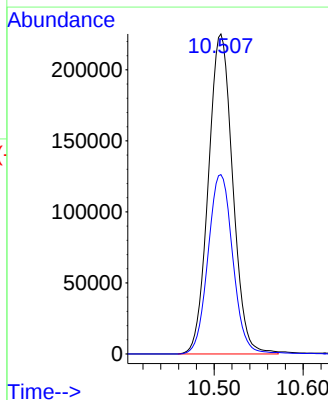
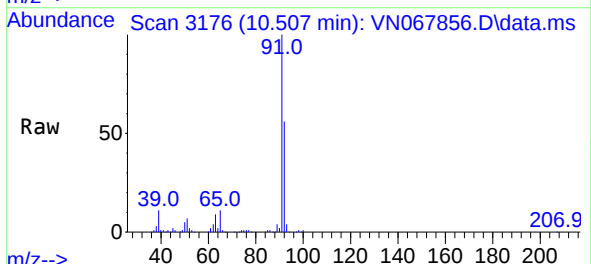
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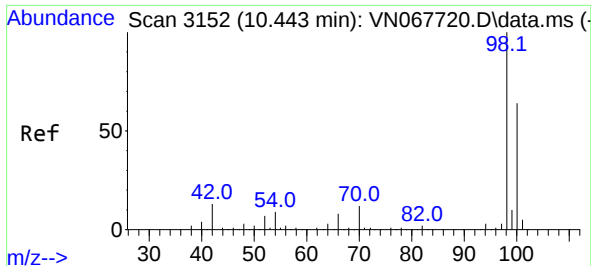
MMDadoda
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#62
Toluene
Concen: 20.435 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 91 Resp: 428555
Ion Ratio Lower Upper
91 100
92 56.8 44.8 67.2





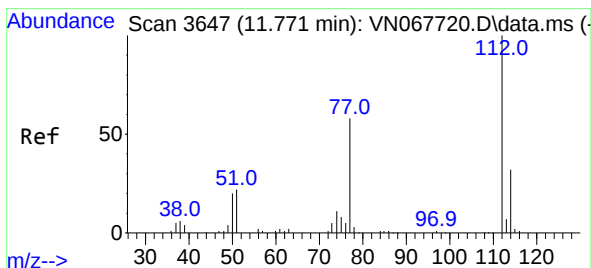
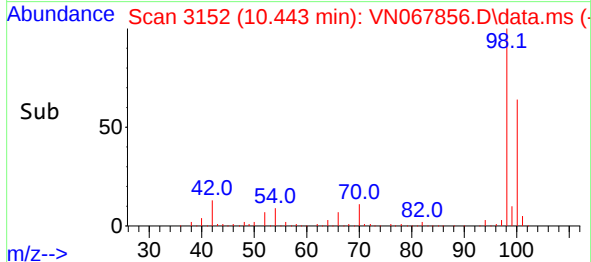
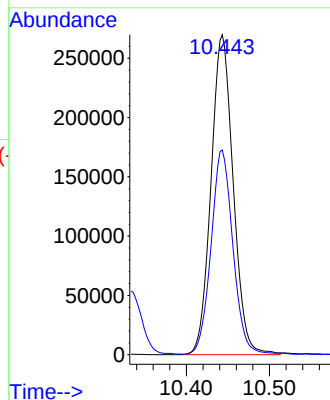
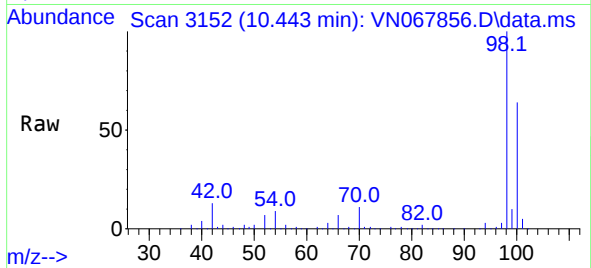
#63
Toluene-d8
Concen: 30.524 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 98 Resp: 500570
Ion Ratio Lower Upper
98 100
100 62.6 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

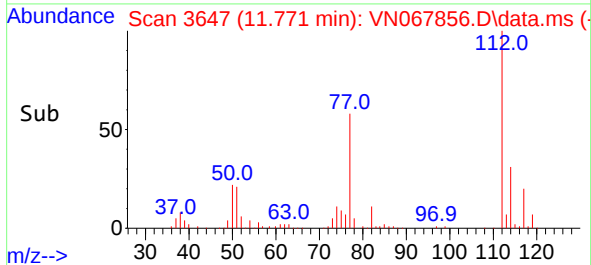
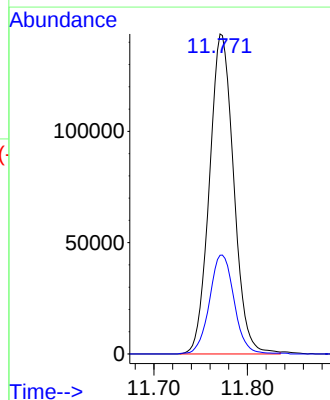
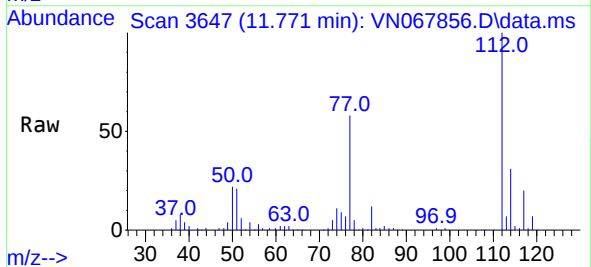
Manual Integrations
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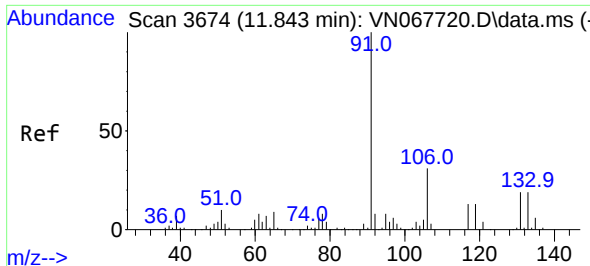
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#64
Chlorobenzene
Concen: 20.698 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 112 Resp: 259973
Ion Ratio Lower Upper
112 100
114 30.7 25.2 37.8





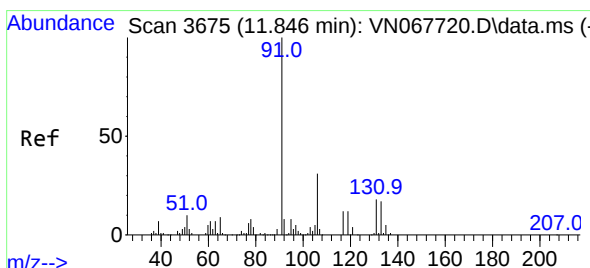
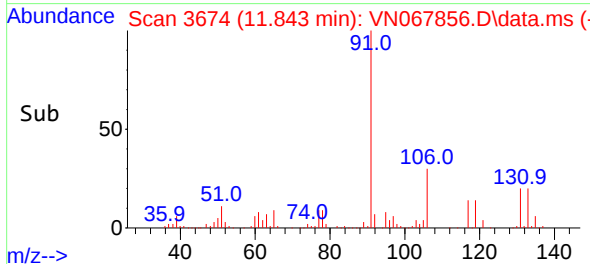
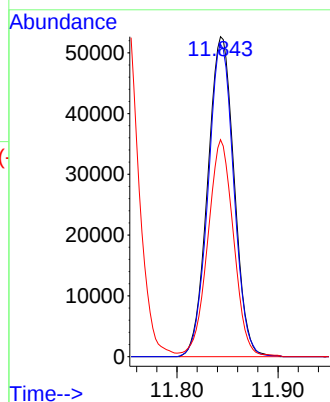
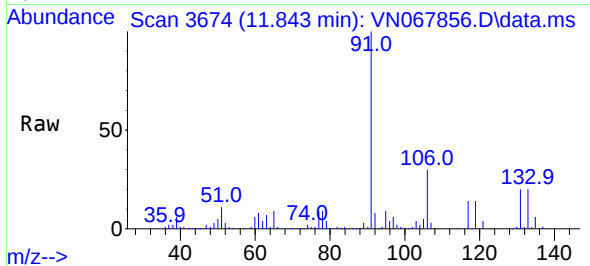
#65
1,1,1,2-Tetrachloroethane
Concen: 20.686 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	0.0	192.6
119	66.2	0.0	133.8

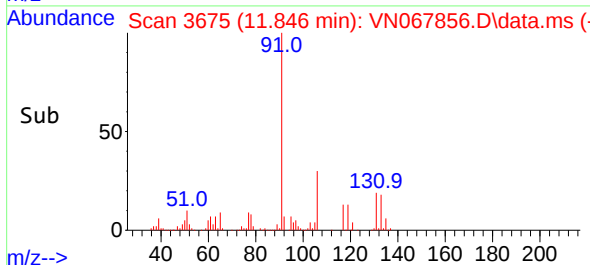
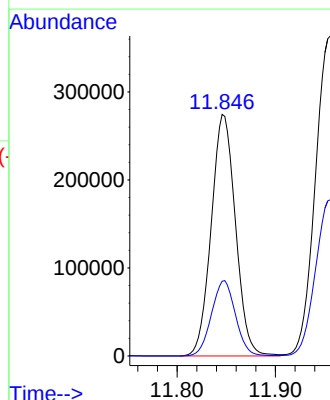
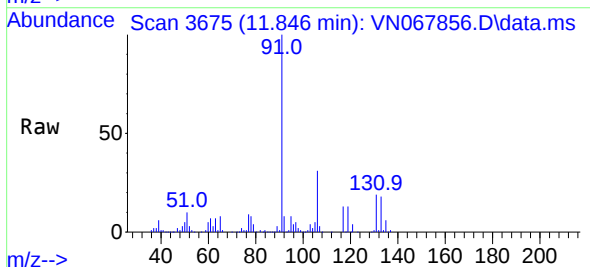
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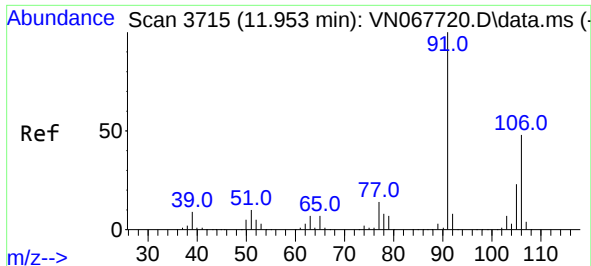
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#66
Ethyl Benzene
Concen: 20.248 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.6	37.0





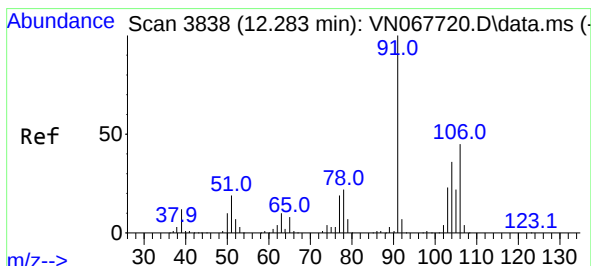
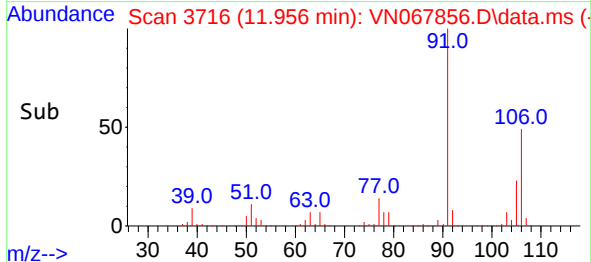
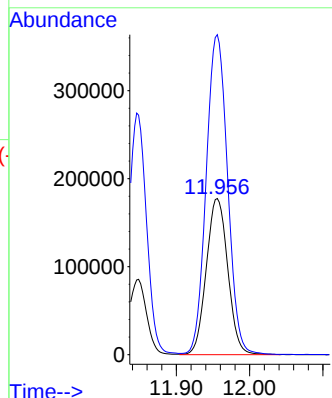
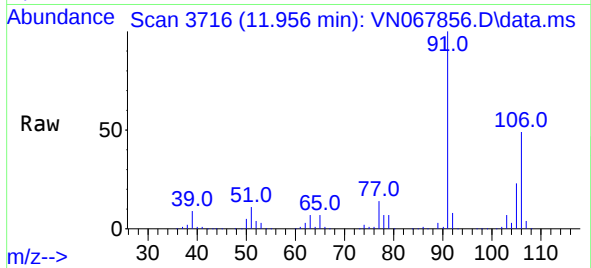
#67
m/p-Xylenes
Concen: 40.883 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 361876
Ion Ratio Lower Upper
106 100
91 203.4 166.6 250.0

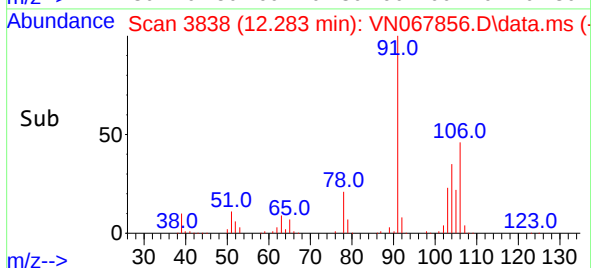
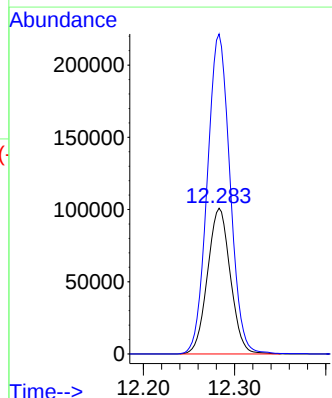
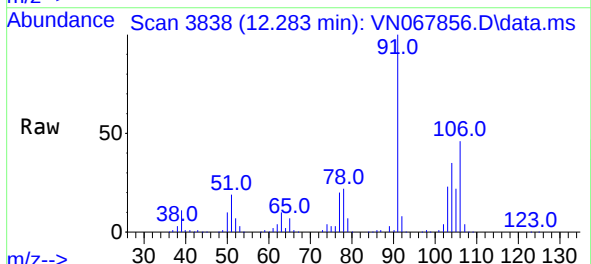
Manual Integrations
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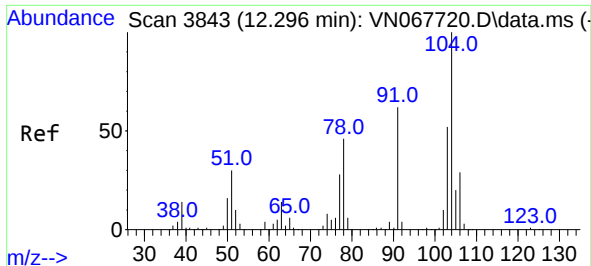
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#68
o-Xylene
Concen: 20.103 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:106 Resp: 175651
Ion Ratio Lower Upper
106 100
91 218.5 109.6 328.8





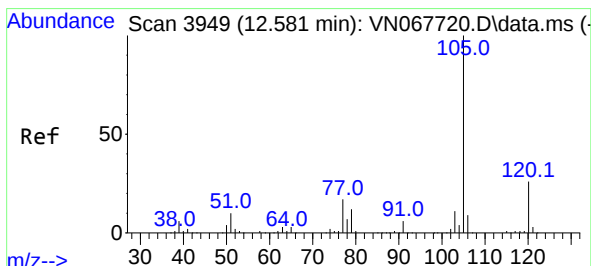
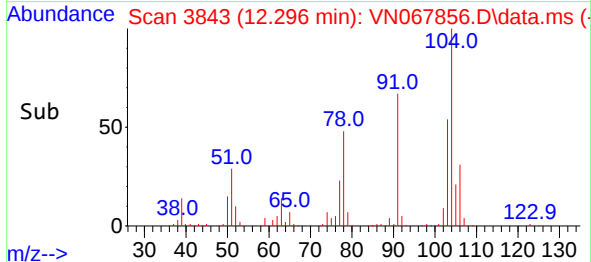
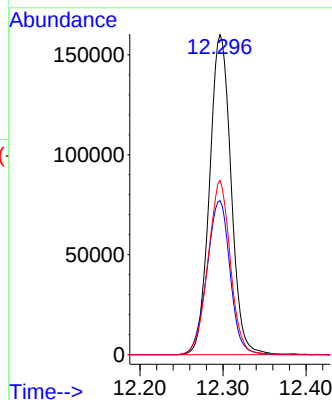
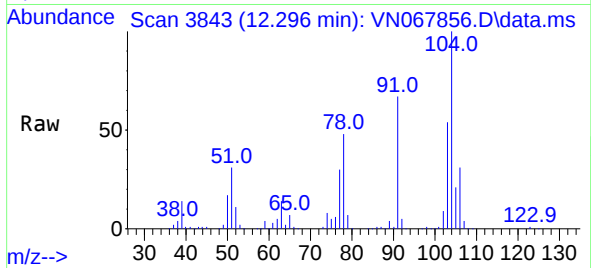
#69
Styrene
Concen: 19.914 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:104 Resp: 287730
Ion Ratio Lower Upper
104 100
78 52.1 40.8 61.2
103 56.6 44.9 67.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

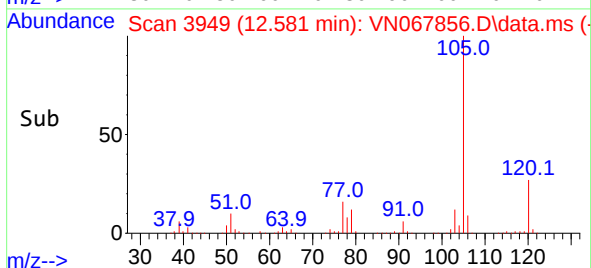
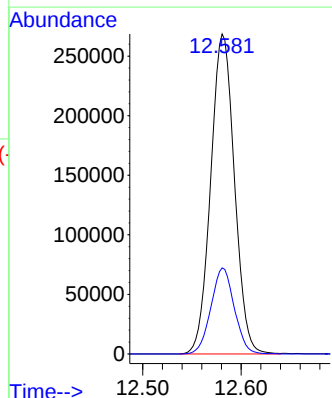
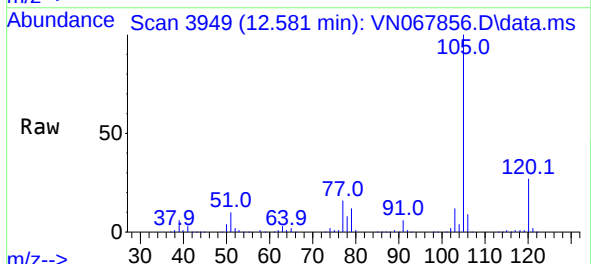
Manual Integrations
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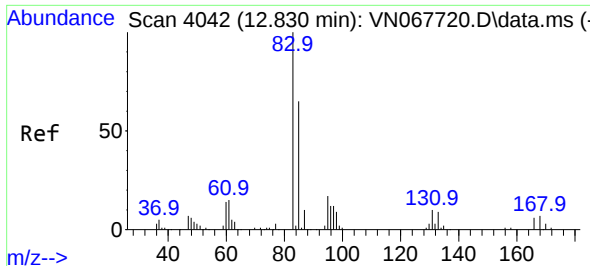
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#70
Isopropylbenzene
Concen: 19.996 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:105 Resp: 450877
Ion Ratio Lower Upper
105 100
120 26.4 17.9 33.3





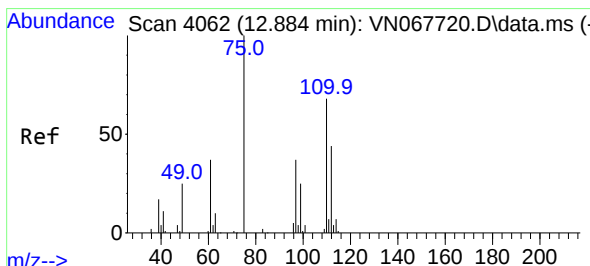
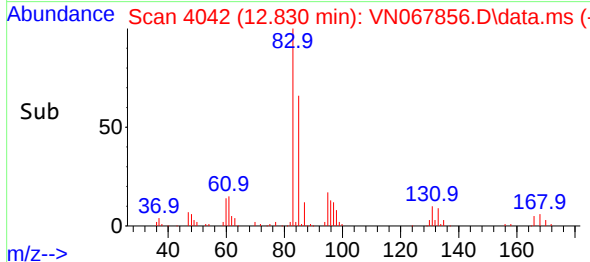
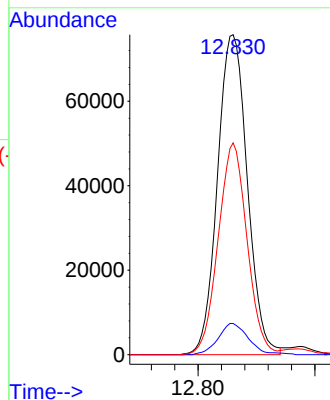
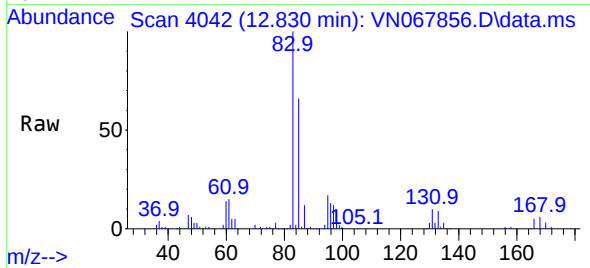
#71
1,1,2,2-Tetrachloroethane
Concen: 20.989 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 83 Resp: 134370
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 63.8 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

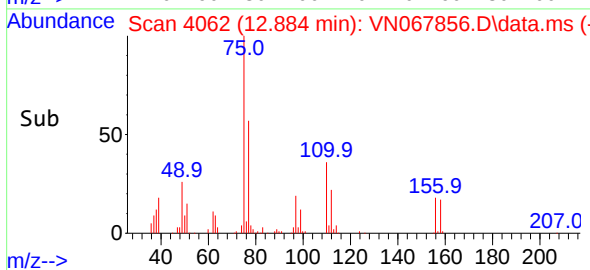
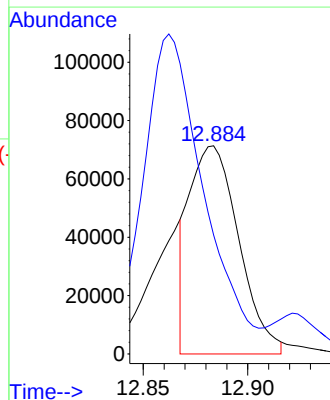
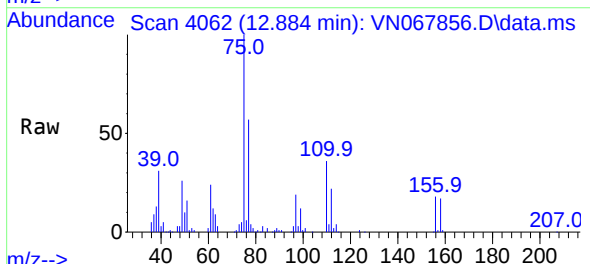
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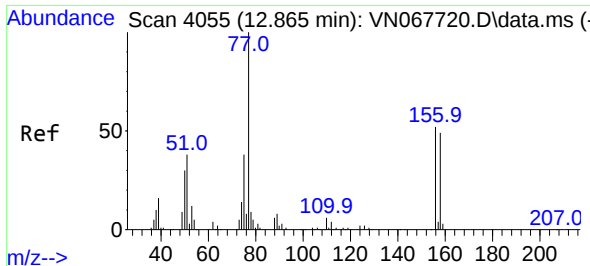
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#72
1,2,3-Trichloropropane
Concen: 21.982 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

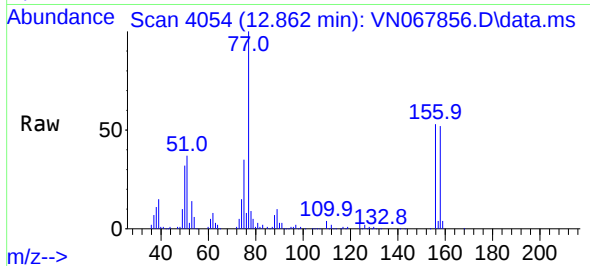
Tgt Ion: 75 Resp: 116994
Ion Ratio Lower Upper
75 100
77 190.4 0.0 365.2





#73
Bromobenzene
Concen: 19.778 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

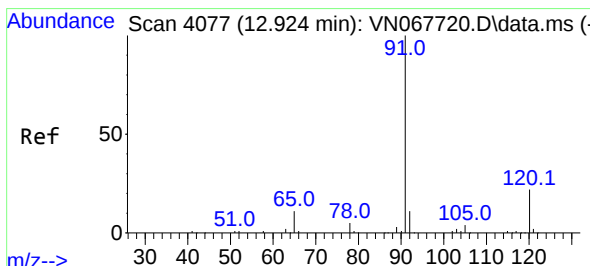
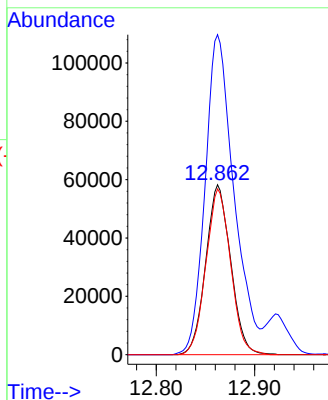
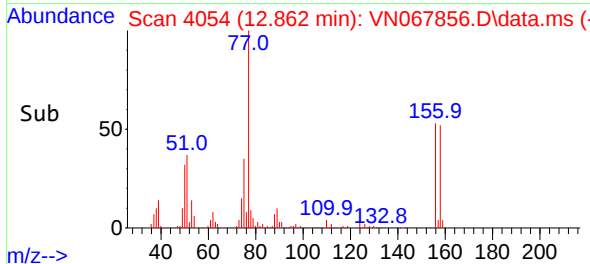
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



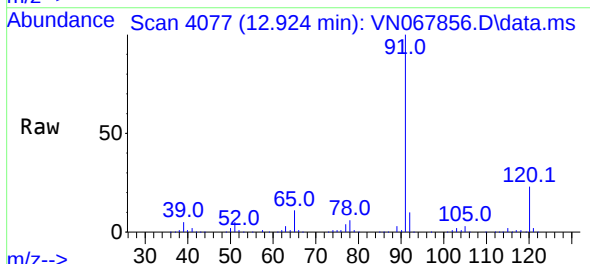
Tgt Ion:156 Resp: 102503
Ion Ratio Lower Upper
156 100
77 217.4 0.0 436.4
158 96.5 0.0 191.4

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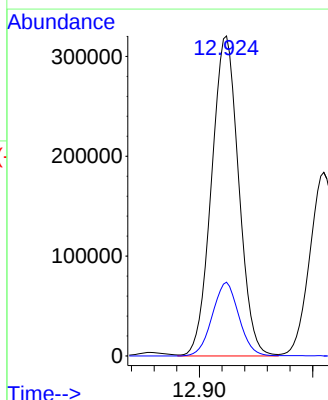
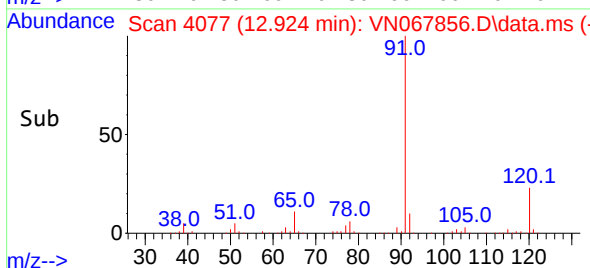
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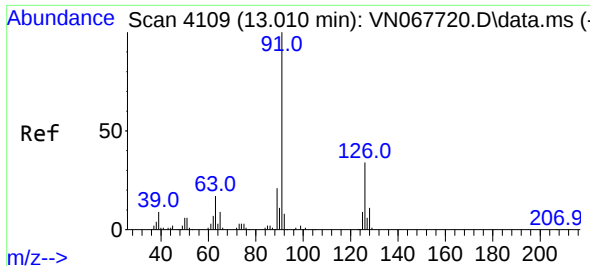


#74
n-propylbenzene
Concen: 20.638 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



Tgt Ion: 91 Resp: 533232
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.2





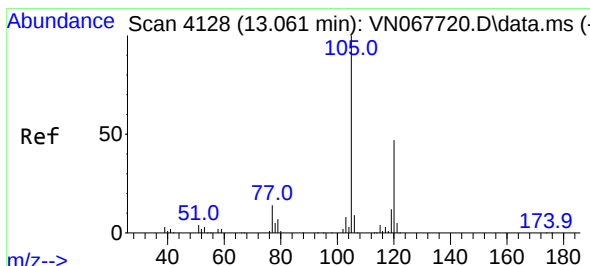
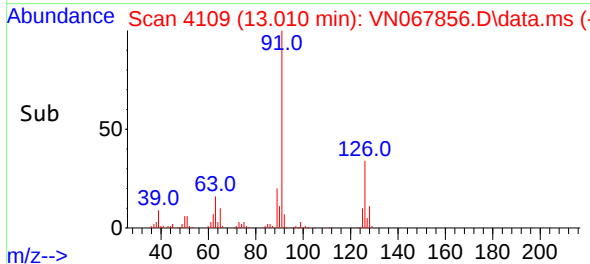
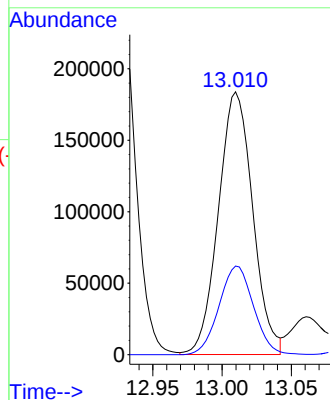
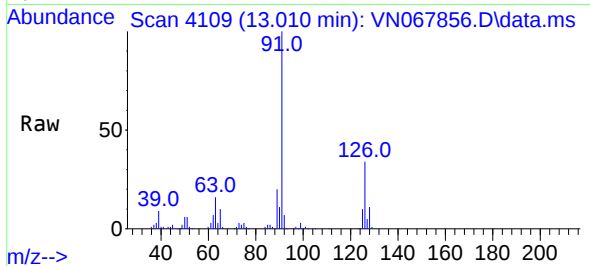
#75
2-Chlorotoluene
Concen: 20.472 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 317467
Ion Ratio Lower Upper
91 100
126 33.8 0.0 66.2

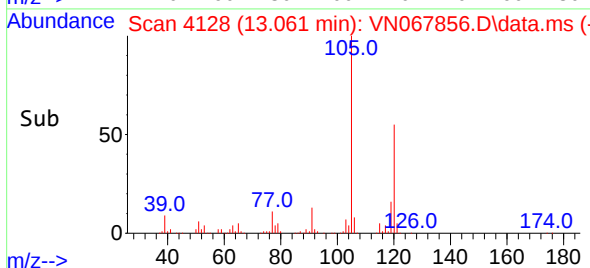
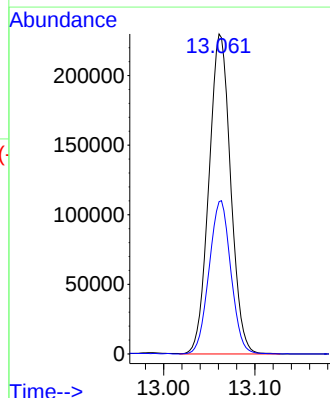
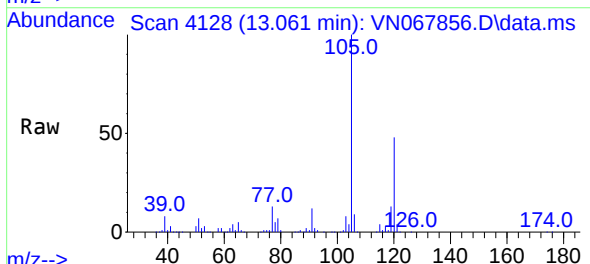
Manual Integrations
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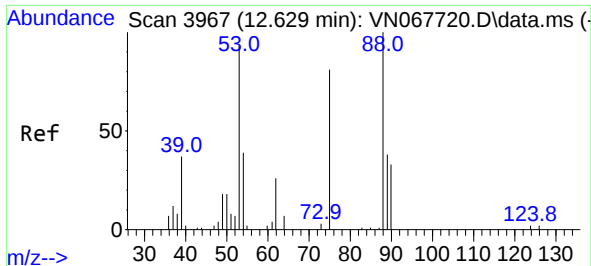
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#76
1,3,5-Trimethylbenzene
Concen: 20.470 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 105 Resp: 379997
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.2





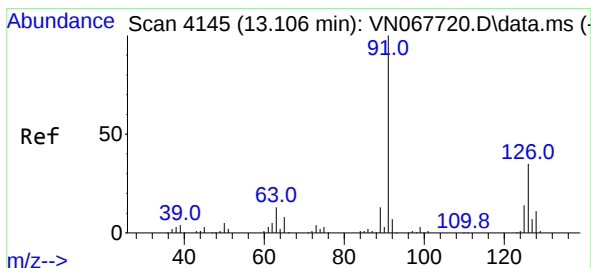
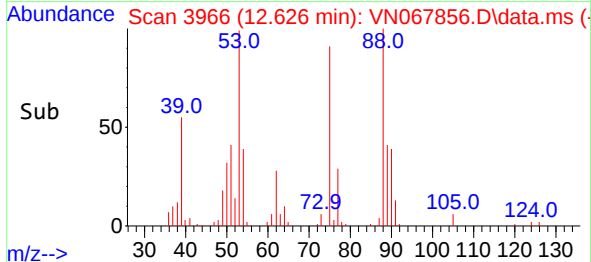
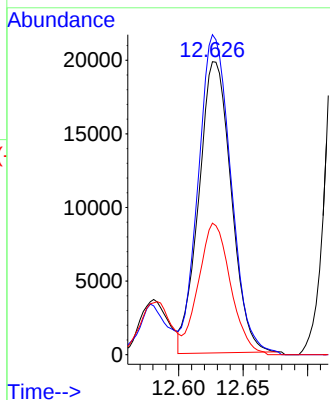
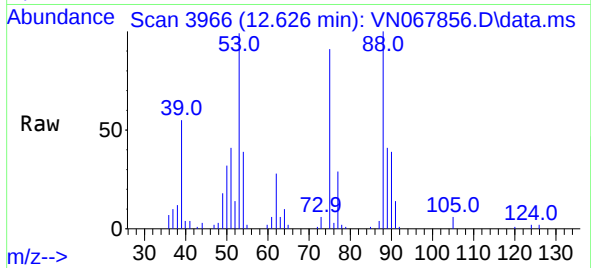
#77
t-1,4-Dichloro-2-butene
Concen: 19.290 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion: 75 Resp: 34648
Ion Ratio Lower Upper
75 100
53 109.4 57.0 171.0
89 45.3 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

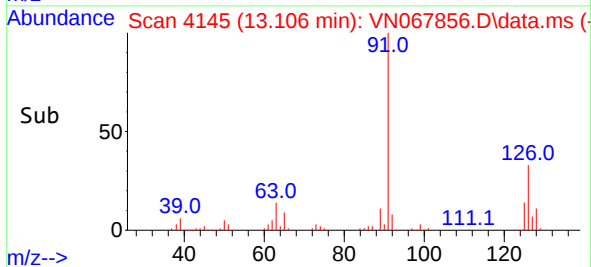
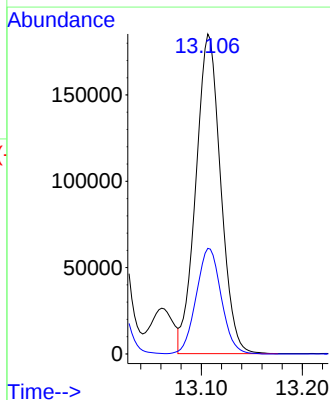
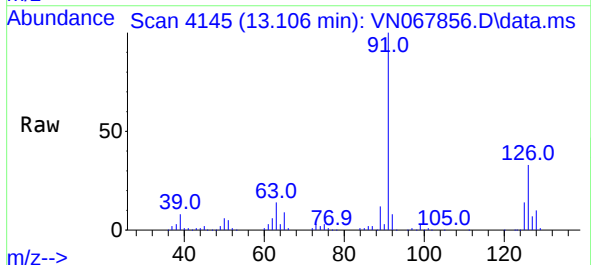
Manual Integrations
APPROVED

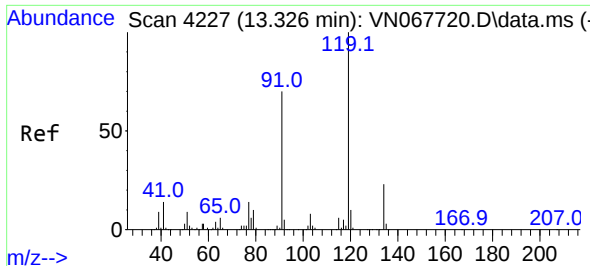
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#78
4-Chlorotoluene
Concen: 20.419 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

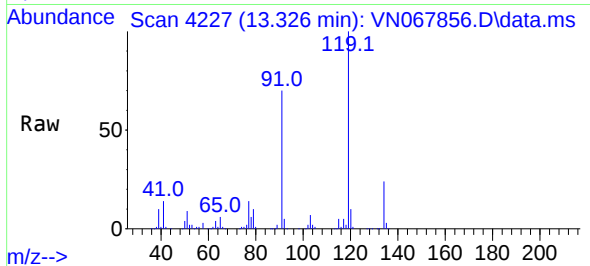
Tgt Ion: 91 Resp: 315700
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.4





#79
tert-butylbenzene
Concen: 19.816 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

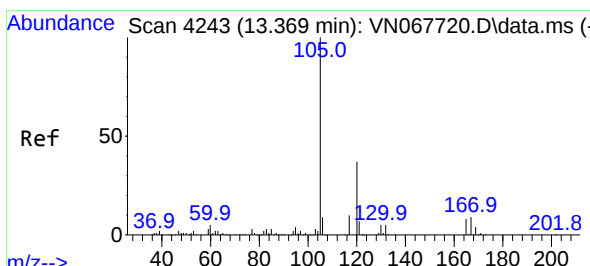
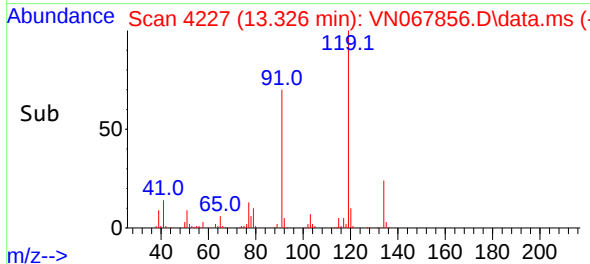
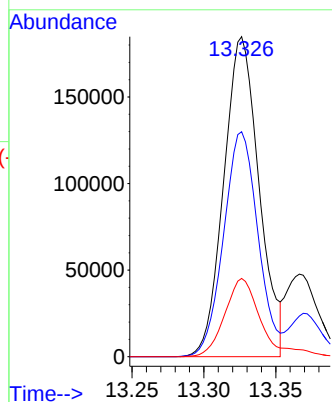
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 315850
Ion Ratio Lower Upper
119 100
91 68.5 0.0 137.2
134 25.3 0.0 50.2

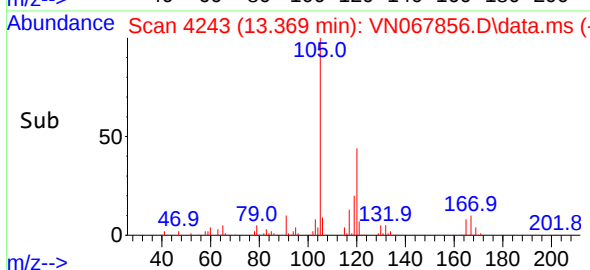
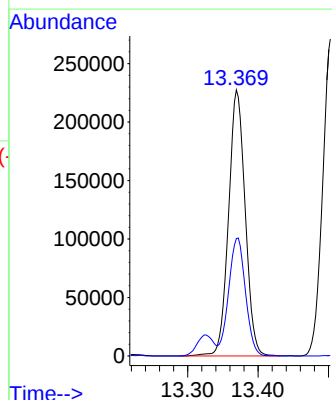
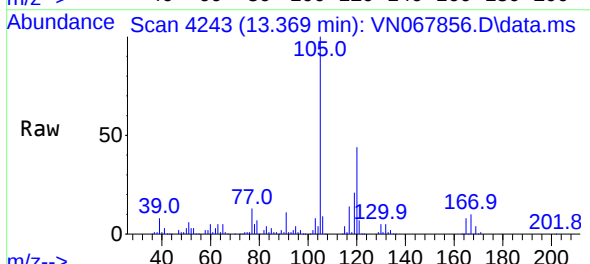
Manual Integrations
APPROVED

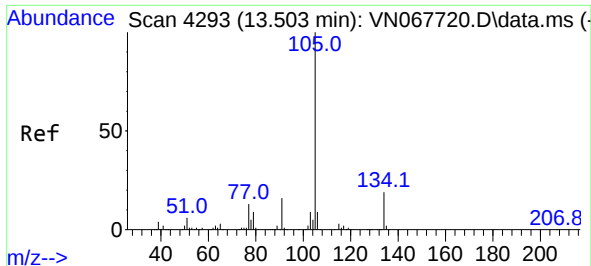
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#80
1,2,4-Trimethylbenzene
Concen: 20.243 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

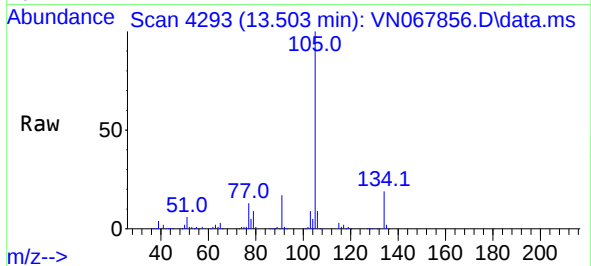
Tgt Ion:105 Resp: 373162
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
sec-Butylbenzene
Concen: 20.263 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

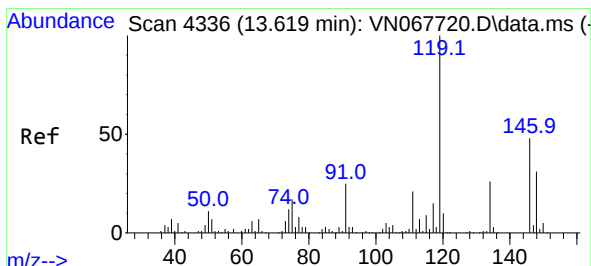
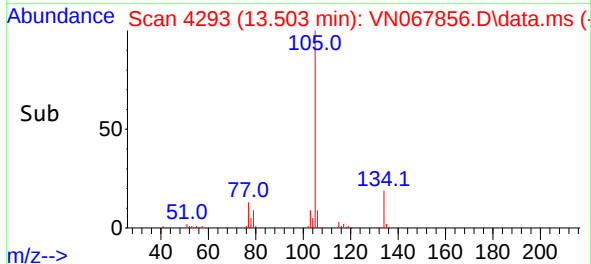
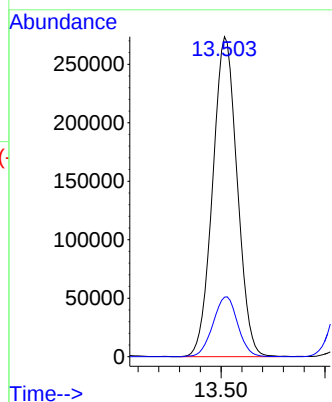
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:105 Resp: 448039
Ion Ratio Lower Upper
105 100
134 18.9 0.0 38.4

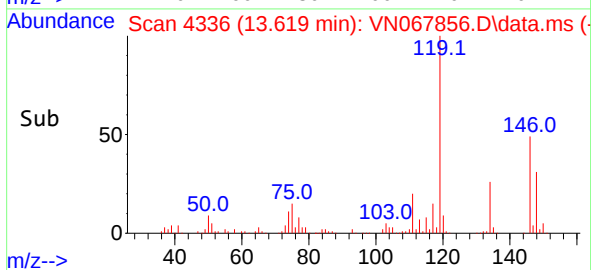
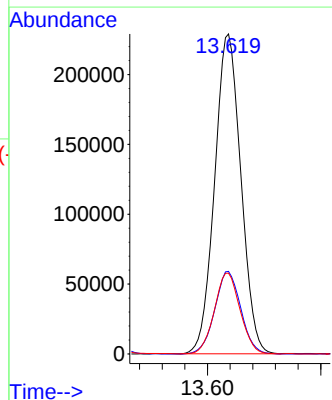
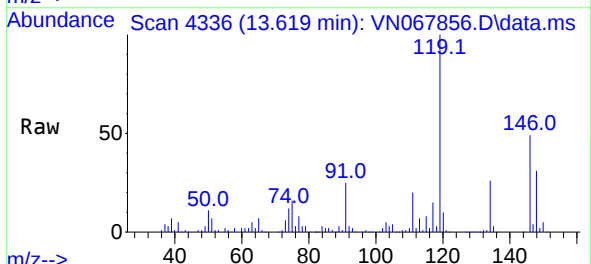
Manual Integrations
APPROVED

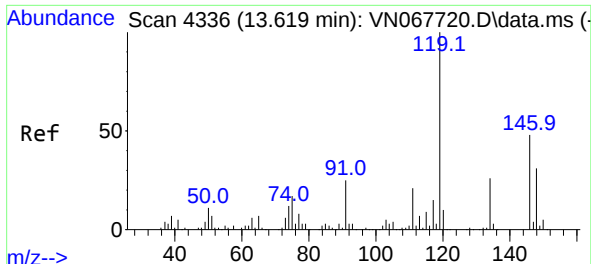
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#82
p-Isopropyltoluene
Concen: 20.001 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:119 Resp: 368088
Ion Ratio Lower Upper
119 100
134 25.6 0.0 51.0
91 24.8 0.0 50.6





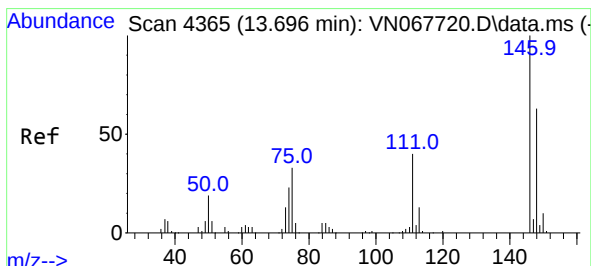
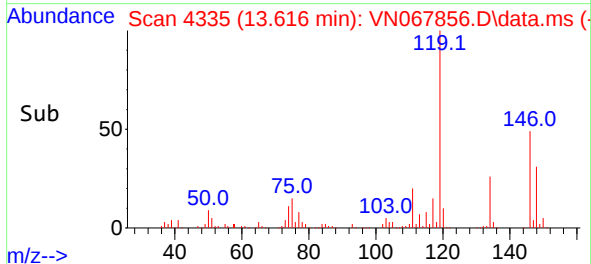
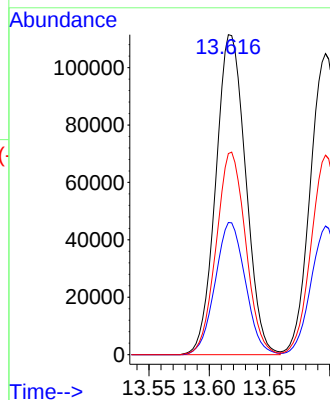
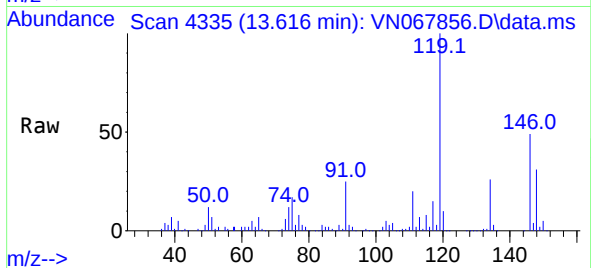
#83
1,3-Dichlorobenzene
Concen: 19.903 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

Tgt Ion:146 Resp: 192632
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.1
148 62.4 31.9 95.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

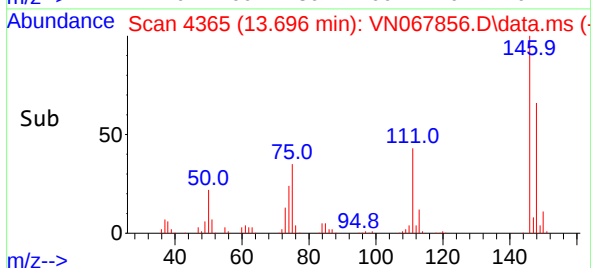
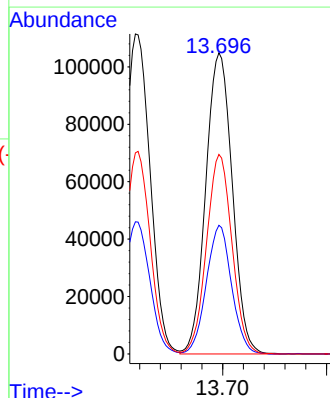
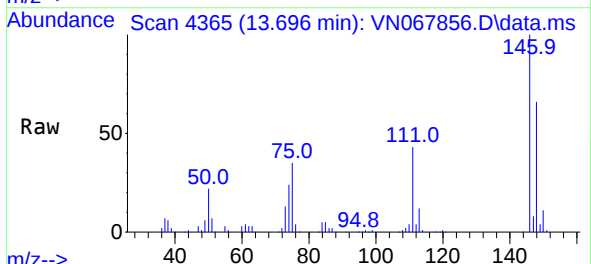
Manual Integrations
APPROVED

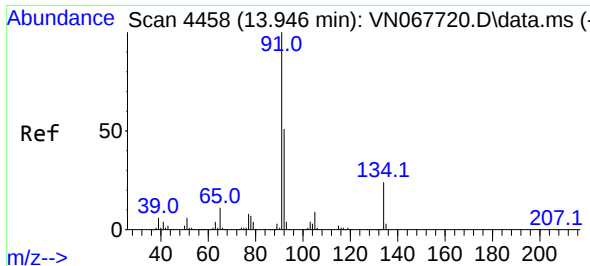
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#84
1,4-Dichlorobenzene
Concen: 19.739 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

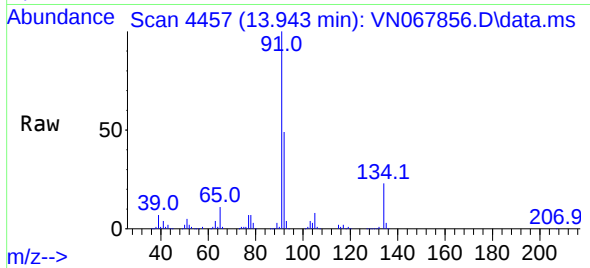
Tgt Ion:146 Resp: 186097
Ion Ratio Lower Upper
146 100
111 40.7 20.0 59.9
148 63.5 31.8 95.3





#85
n-Butylbenzene
Concen: 20.208 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

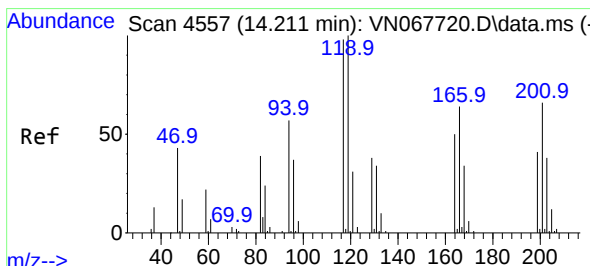
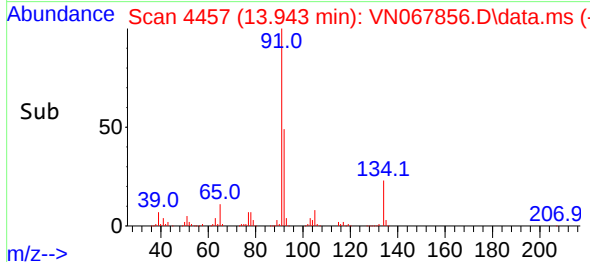
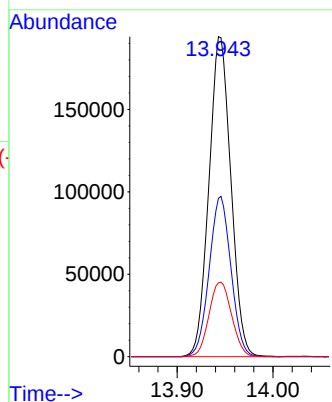
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 308537
Ion Ratio Lower Upper
91 100
92 49.8 0.0 102.6
134 24.1 0.0 48.6

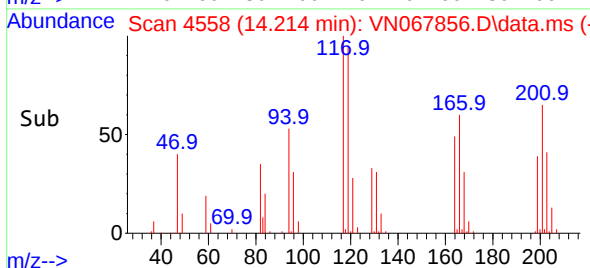
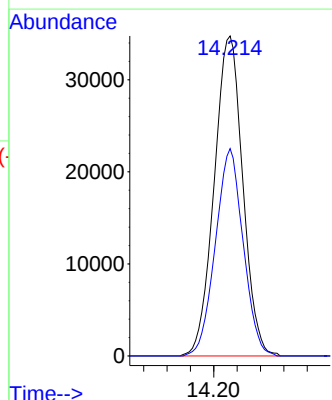
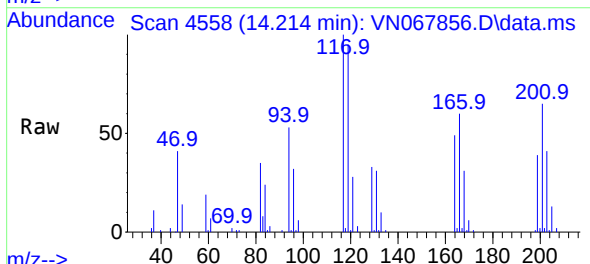
Manual Integrations
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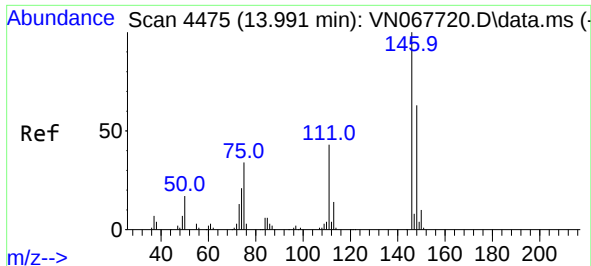
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#86
Hexachloroethane
Concen: 19.299 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

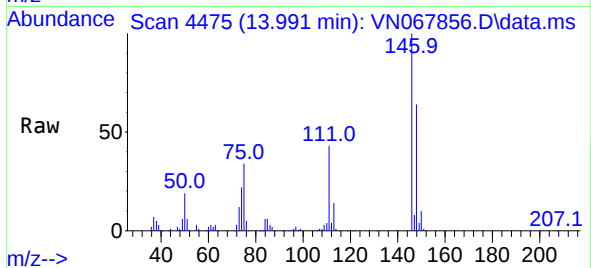
Tgt Ion: 117 Resp: 59085
Ion Ratio Lower Upper
117 100
201 62.9 31.8 95.3



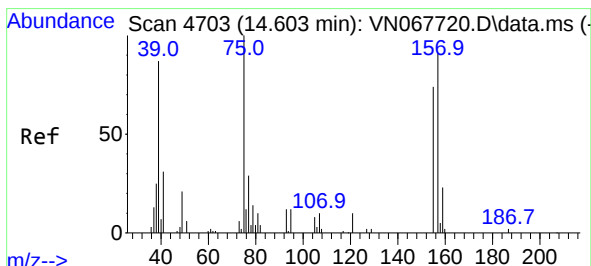
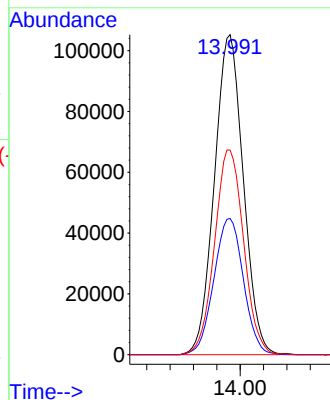
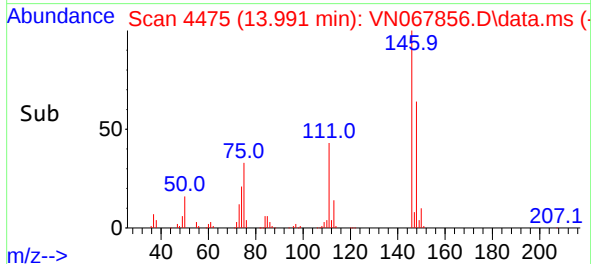


#87

1,2-Dichlorobenzene
Concen: 19.589 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

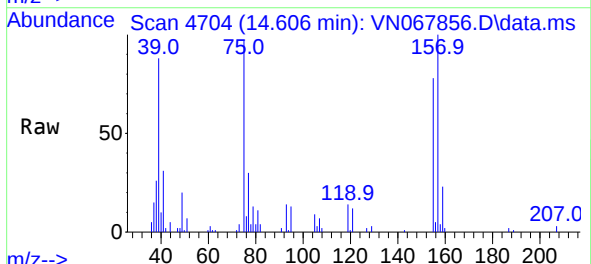


Tgt Ion:	146	Resp:	181008
Ion Ratio	Lower	Upper	
146	100		
111	43.6	22.0	66.0
148	64.6	31.7	95.1

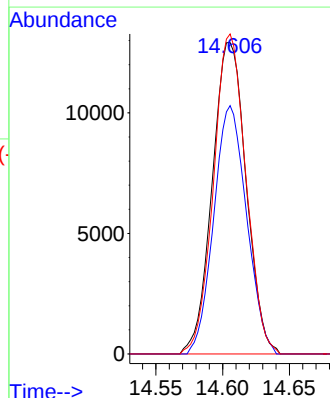
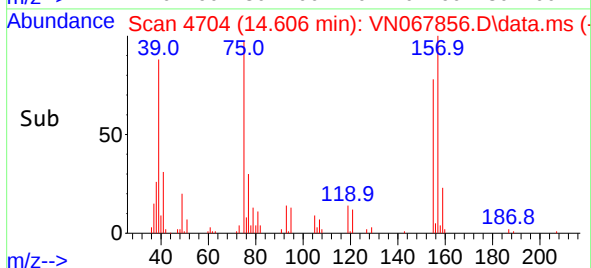


#88

1,2-Dibromo-3-Chloropropane
Concen: 19.916 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



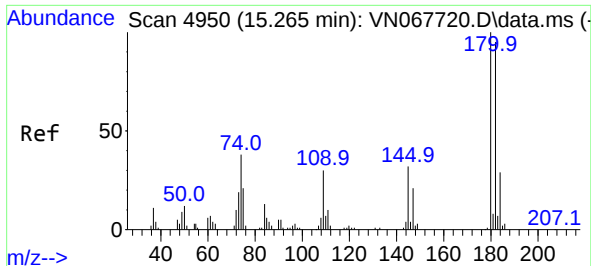
Tgt Ion:	75	Resp:	22811
Ion Ratio	Lower	Upper	
75	100		
155	77.3	59.2	88.8
157	98.2	75.4	113.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

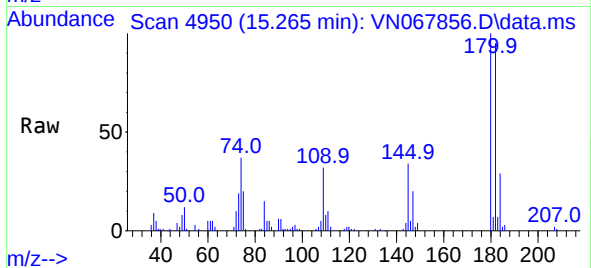
Manual Integrations
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#89
1,2,4-Trichlorobenzene
Concen: 18.904 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

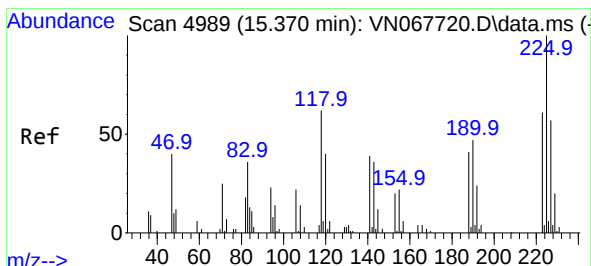
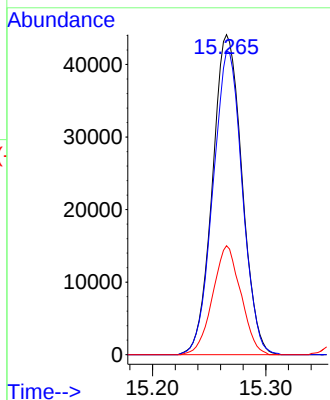
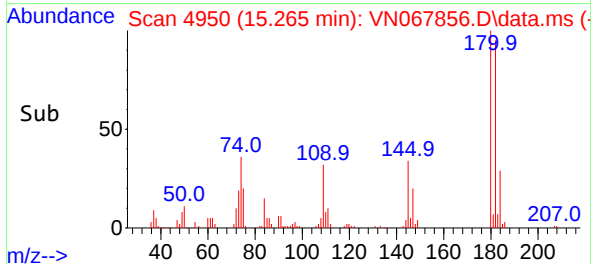
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020



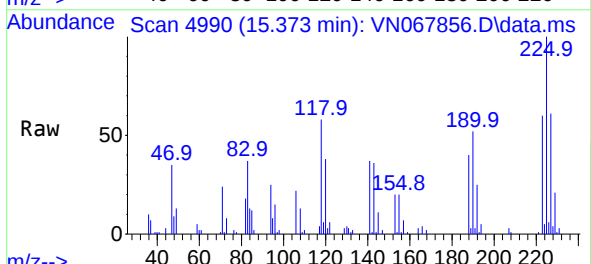
Tgt Ion:180 Resp: 79643
Ion Ratio Lower Upper
180 100
182 94.5 74.5 111.7
145 32.7 25.4 38.0

Manual Integrations
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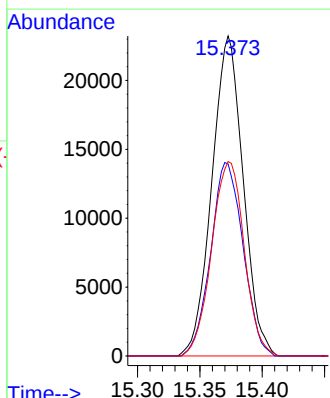
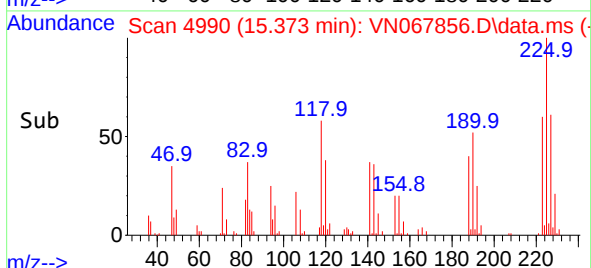
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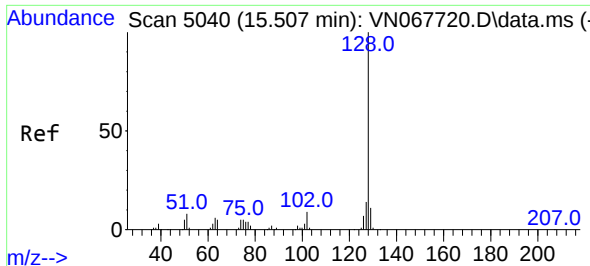


#90
Hexachlorobutadiene
Concen: 20.046 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



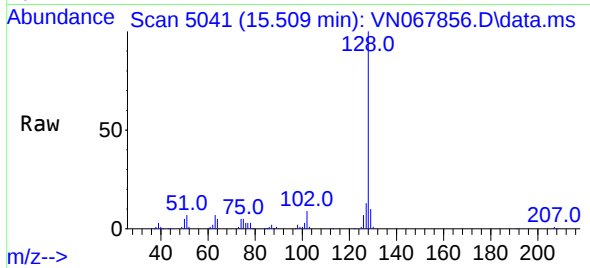
Tgt Ion:225 Resp: 40594
Ion Ratio Lower Upper
225 100
223 62.6 0.0 124.6
227 63.1 0.0 115.6





#91
Naphthalene
Concen: 18.346 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55

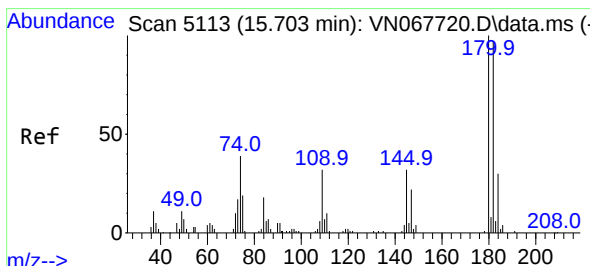
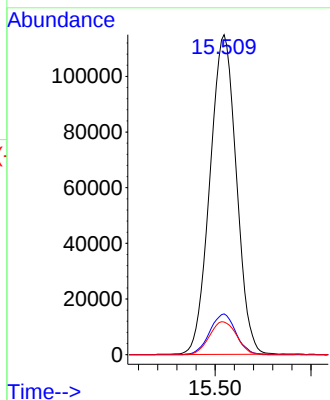
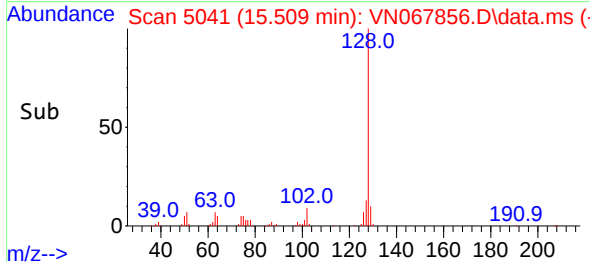
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



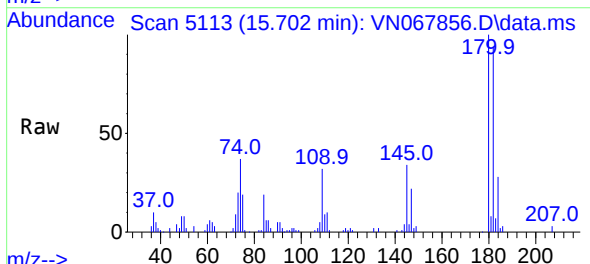
Tgt Ion:128 Resp: 219592
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 10.6 8.7 13.1

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#92
1,2,3-Trichlorobenzene
Concen: 18.669 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN067856.D
Acq: 22 Jul 2021 9:55



Tgt Ion:180 Resp: 75355
Ion Ratio Lower Upper
180 100
182 92.9 0.0 190.8
145 34.8 0.0 68.2

