

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090821\
 Data File : VN068428.D
 Acq On : 8 Sep 2021 9:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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9/10/2021 10:50:49 AM

Quant Time: Sep 09 03:29:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	108024	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	571781	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	512029	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	199410	31.137	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.800%	
60) 4-Bromofluorobenzene	12.733	95	217694	30.023	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.067%	
63) Toluene-d8	10.443	98	688843	30.210	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.078	85	107536	19.660	ug/l	100
3) Chloromethane	2.309	50	97403	19.682	ug/l	100
4) Vinyl Chloride	2.451	62	156376	21.206	ug/l	95
5) Bromomethane	2.864	94	159267	23.554	ug/l	90
6) Chloroethane	3.027	64	115135	21.886	ug/l	# 89
7) Trichlorofluoromethane	3.384	101	204862	20.311	ug/l	94
8) Diethyl Ether	3.829	74	62140	19.394	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.221	101	113890	19.860	ug/l	84
10) 1,1-Dichloroethene	4.191	96	104185	19.335	ug/l	# 78
11) Methyl Iodide	4.433	142	154658	17.841	ug/l	89
12) Methyl Acetate	4.859	43	107869m	19.890	ug/l	
13) Acrolein	4.049	56	48507	99.791	ug/l	100
14) Acrylonitrile	5.559	53	216490	98.442	ug/l	98
15) Acetone	4.288	58	96839	149.819	ug/l	72
16) Carbon Disulfide	4.540	76	268677	19.082	ug/l	99
17) Allyl chloride	4.851	41	132405	20.061	ug/l	91
18) Methylene Chloride	5.103	84	116261	19.715	ug/l	# 82
19) trans-1,2-Dichloroethene	5.605	96	115238	19.186	ug/l	# 76
20) Diisopropyl ether	6.503	45	289629	20.079	ug/l	# 92
21) 1,1-Dichloroethane	6.391	63	189649	19.881	ug/l	95
22) cis-1,2-Dichloroethene	7.329	96	136180	19.513	ug/l	# 79
23) tert-Butyl Alcohol	5.366	59	83914	103.959	ug/l	# 100
24) Methyl tert-Butyl Ether	5.618	73	346849	19.813	ug/l	# 87
25) Chloroform	7.820	83	224068	19.998	ug/l	99
26) Cyclohexane	8.099	56	166686	19.947	ug/l	# 77
29) 1,1-Dichloropropene	8.225	75	159556	19.452	ug/l	91
30) 2-Butanone	7.337	43	326619	111.292	ug/l	# 88
31) 2,2-Dichloropropane	7.329	77	185061	19.811	ug/l	91
32) 1,1,1-Trichloroethane	8.019	97	212043	19.682	ug/l	92
33) Carbon Tetrachloride	8.212	117	193721	19.462	ug/l	94
34) Benzene	8.464	78	476168	19.639	ug/l	# 93
35) Methacrylonitrile	7.640	41	53764	18.752	ug/l	88
36) 1,2-Dichloroethane	8.531	62	158892	19.572	ug/l	# 93
37) Trichloroethene	9.220	130	150646	19.438	ug/l	# 76
38) Methylcyclohexane	9.464	83	203022	19.066	ug/l	85
39) 1,2-Dichloropropane	9.491	63	110926	19.298	ug/l	99
40) Dibromomethane	9.579	93	91175	20.045	ug/l	78
41) Bromodichloromethane	9.765	83	173852	19.783	ug/l	98
42) Vinyl Acetate	6.436	43	1067420	96.166	ug/l	# 91

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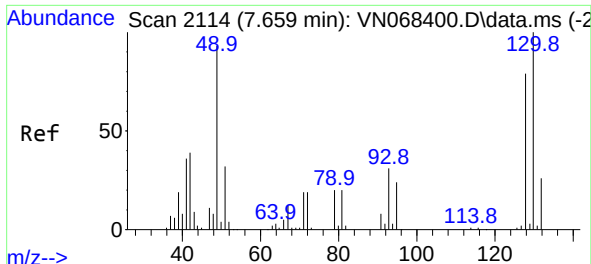
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	116616	19.982	ug/l #	72
44) Isopropyl Acetate	8.563	43	207779	19.598	ug/l	91
45) 1,4-Dioxane	9.571	88	39019	411.717	ug/l #	85
46) Methyl methacrylate	9.563	41	81597	18.203	ug/l	84
47) n-amyl Acetate	12.390	43	127672	17.600	ug/l #	90
48) t-1,3-Dichloropropene	10.719	75	166870	19.294	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	182988	19.183	ug/l #	84
50) 1,1,2-Trichloroethane	10.899	97	126662	19.739	ug/l	94
51) Ethyl methacrylate	10.762	69	155863	18.892	ug/l	82
52) 1,3-Dichloropropane	11.047	76	191393	19.755	ug/l	99
53) Dibromochloromethane	11.240	129	148422	19.193	ug/l	100
54) 1,2-Dibromoethane	11.347	107	129960	19.376	ug/l	100
55) 2-Chloroethyl vinyl ether	10.043	63	43697	86.073	ug/l #	91
56) Bromoform	12.460	173	102364	17.298	ug/l #	100
58) 4-Methyl-2-Pentanone	10.330	43	595795	99.994	ug/l #	89
59) 2-Hexanone	11.087	43	435648	105.358	ug/l	88
61) Tetrachloroethene	10.979	164	152140	19.218	ug/l	90
62) Toluene	10.507	91	551326	19.624	ug/l	100
64) Chlorobenzene	11.773	112	348650	19.249	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	142738	19.682	ug/l	98
66) Ethyl Benzene	11.846	91	590933	19.541	ug/l	93
67) m/p-Xylenes	11.956	106	482558	38.916	ug/l	78
68) o-Xylene	12.283	106	233571	19.447	ug/l	77
69) Styrene	12.296	104	353097m	18.621	ug/l	
70) Isopropylbenzene	12.581	105	591147	19.109	ug/l	93
71) 1,1,2,2-Tetrachloroethane	12.830	83	156480	19.779	ug/l	97
72) 1,2,3-Trichloropropane	12.884	75	122792m	18.933	ug/l	
73) Bromobenzene	12.862	156	154741	18.074	ug/l	54
74) n-propylbenzene	12.921	91	642188	19.218	ug/l	89
75) 2-Chlorotoluene	13.010	91	379633	19.144	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	492772	19.253	ug/l	90
77) t-1,4-Dichloro-2-butene	12.626	75	35710	18.161	ug/l	88
78) 4-Chlorotoluene	13.106	91	373904	19.230	ug/l	82
79) tert-butylbenzene	13.326	119	449158	19.196	ug/l	81
80) 1,2,4-Trimethylbenzene	13.372	105	477722m	19.216	ug/l	
81) sec-Butylbenzene	13.503	105	595168	18.947	ug/l	90
82) p-Isopropyltoluene	13.619	119	505963	18.717	ug/l	90
83) 1,3-Dichlorobenzene	13.616	146	280397	18.547	ug/l	90
84) 1,4-Dichlorobenzene	13.696	146	263351	18.069	ug/l	92
85) n-Butylbenzene	13.943	91	349965	17.363	ug/l	95
86) Hexachloroethane	14.211	117	87581	19.153	ug/l	78
87) 1,2-Dichlorobenzene	13.991	146	270002	18.789	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	14.603	75	26634	19.451	ug/l #	40
89) 1,2,4-Trichlorobenzene	15.265	180	118857	15.398	ug/l	96
90) Hexachlorobutadiene	15.373	225	80631	17.774	ug/l	96
91) Naphthalene	15.507	128	230872	14.149	ug/l	98
92) 1,2,3-Trichlorobenzene	15.702	180	111876	15.238	ug/l	97

(#) = 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: VN068428.D
Acq: 8 Sep 2021 9:23

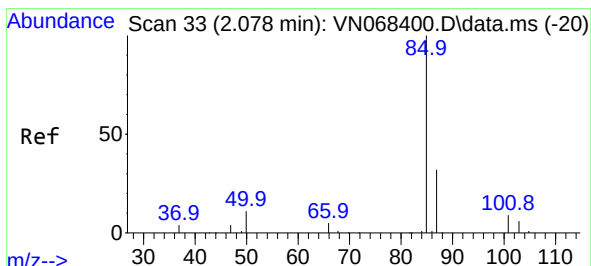
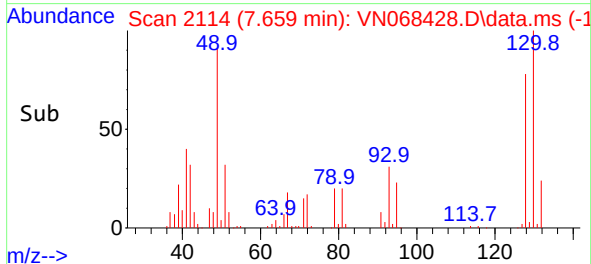
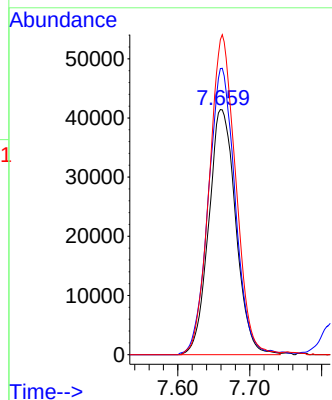
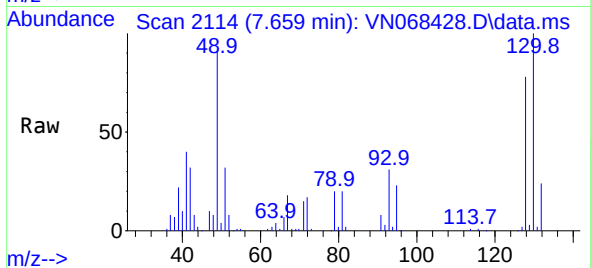
Tgt Ion:	128	Resp:	108024
Ion Ratio	Lower	Upper	
128	100		
49	115.7	0.0	517.5
130	127.7	0.0	325.8

Instrument :
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VSTDCCC020

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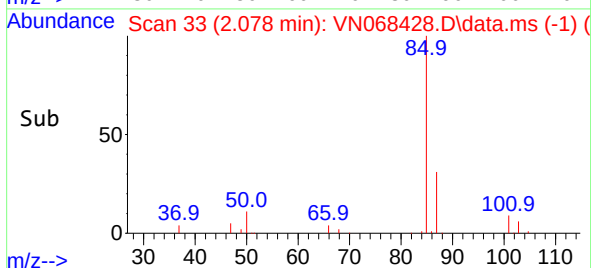
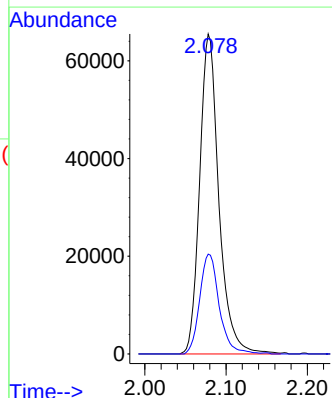
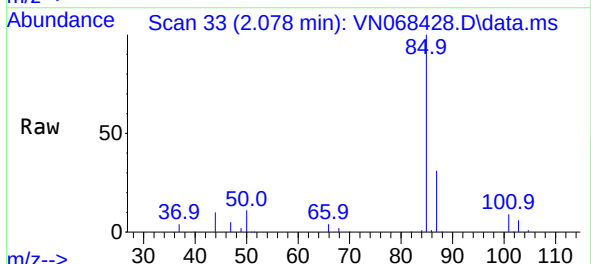
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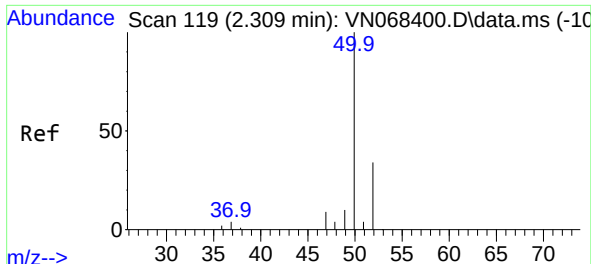
9/10/2021 10:50:49 AM



#2
Dichlorodifluoromethane
Concen: 19.660 ug/l
RT: 2.078 min Scan# 33
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion:	85	Resp:	107536
Ion Ratio	Lower	Upper	
85	100		
87	31.2	15.7	47.0





#3
Chloromethane
Concen: 19.682 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

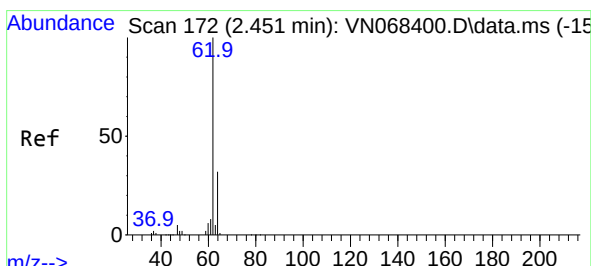
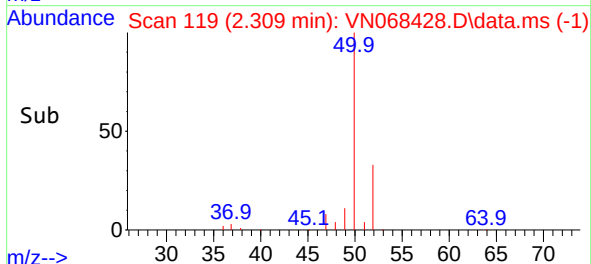
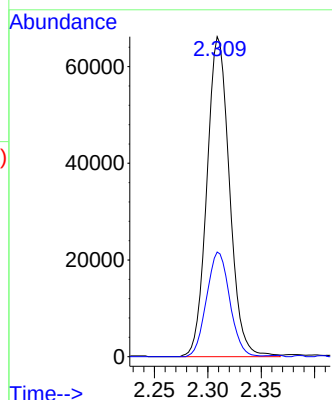
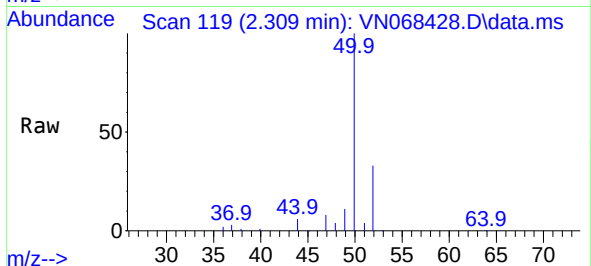
Tgt Ion: 50 Resp: 97403
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0

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Manual Integrations
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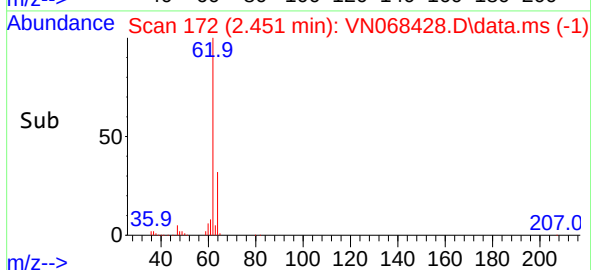
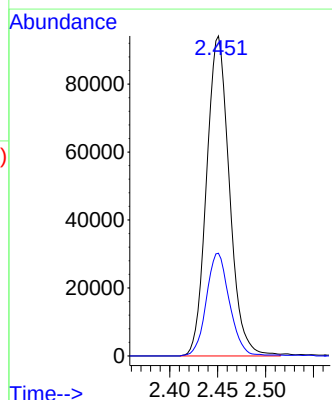
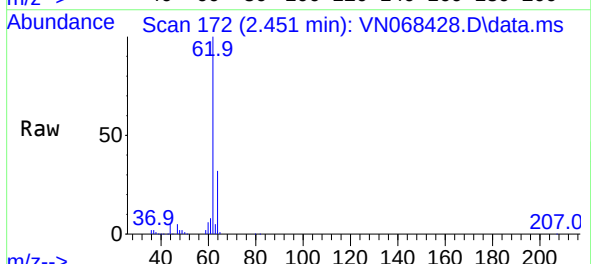
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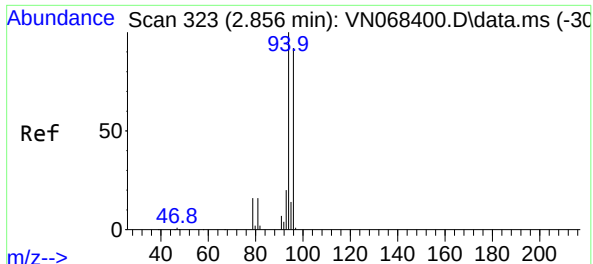
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#4
Vinyl Chloride
Concen: 21.206 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 62 Resp: 156376
Ion Ratio Lower Upper
62 100
64 32.1 23.7 35.5





#5
Bromomethane
Concen: 23.554 ug/l
RT: 2.864 min Scan# 326
Delta R.T. 0.008 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

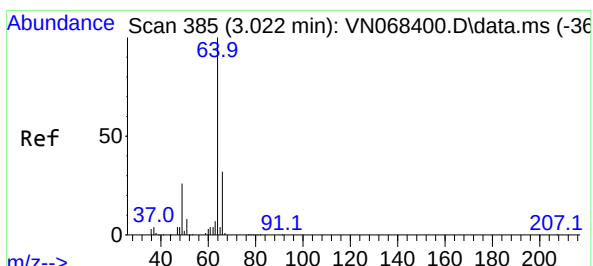
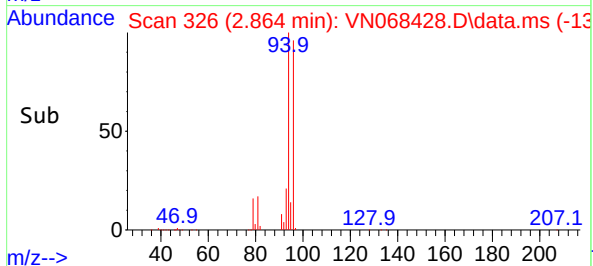
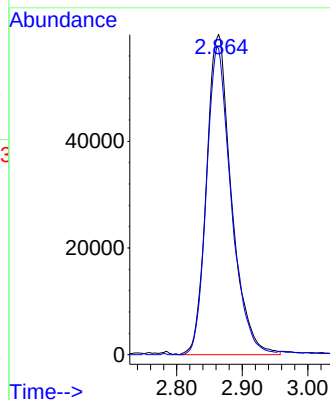
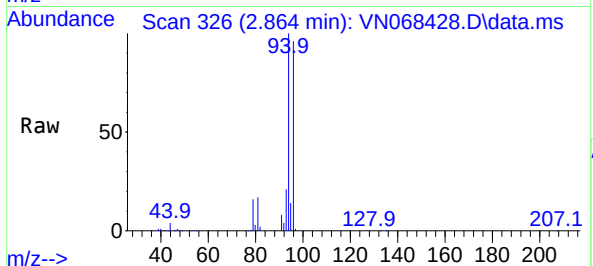
Tgt Ion: 94 Resp: 159267
Ion Ratio Lower Upper
94 100
96 95.8 69.4 104.2

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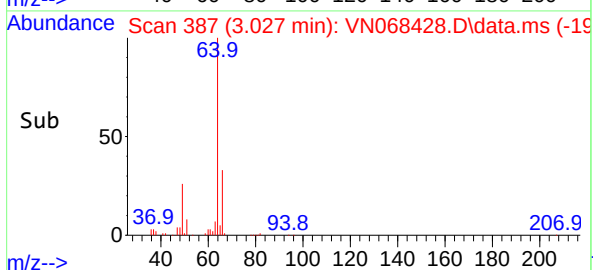
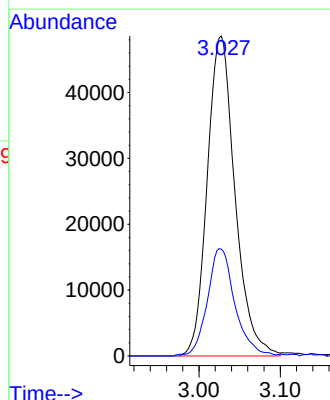
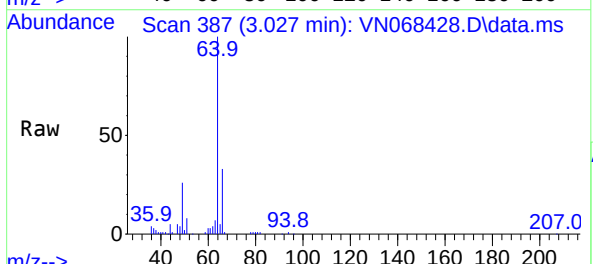
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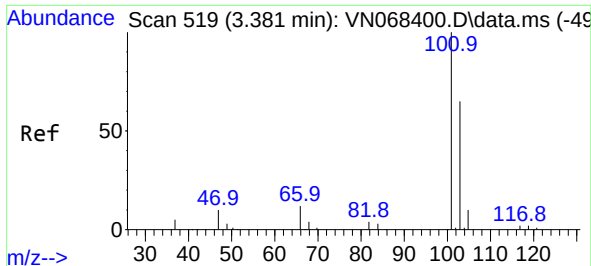
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#6
Chloroethane
Concen: 21.886 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.006 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 64 Resp: 115135
Ion Ratio Lower Upper
64 100
66 32.8 21.5 32.3#





#7
Trichlorofluoromethane
Concen: 20.311 ug/l
RT: 3.384 min Scan# 520
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

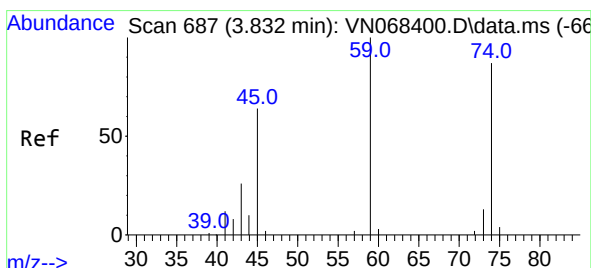
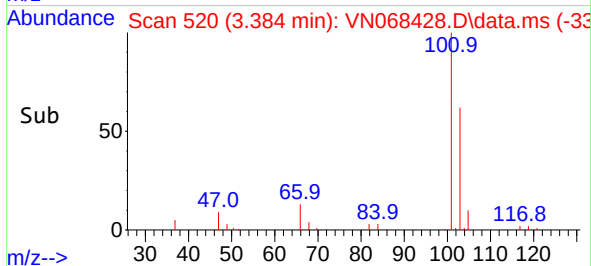
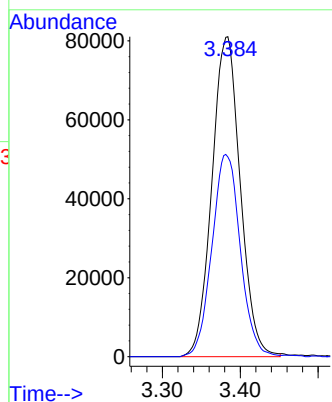
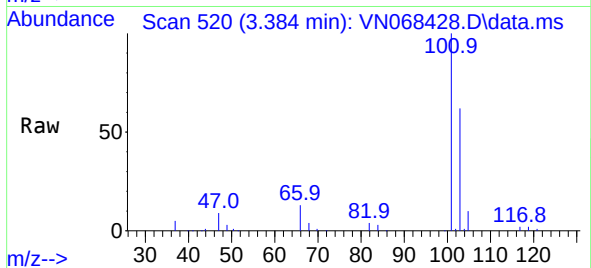
Tgt Ion:101 Resp: 204862
Ion Ratio Lower Upper
101 100
103 62.4 53.7 80.5

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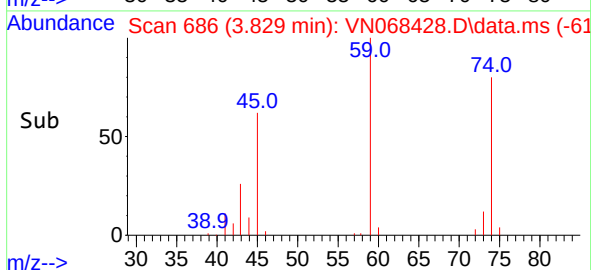
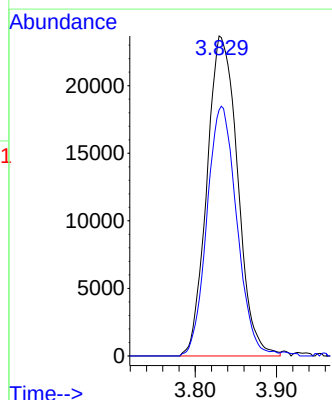
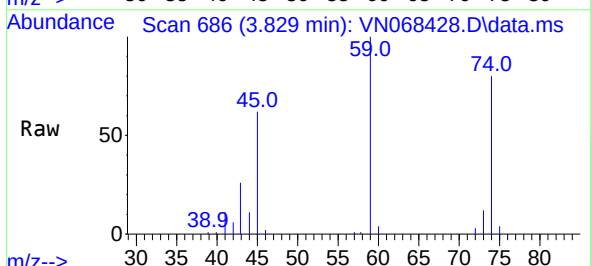
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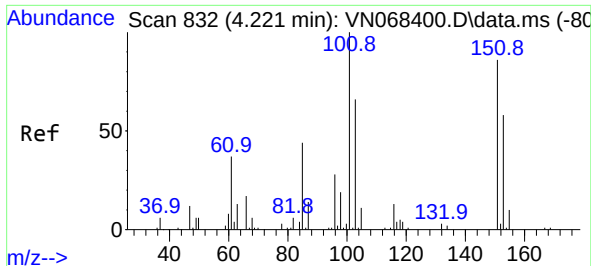
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#8
Diethyl Ether
Concen: 19.394 ug/l
RT: 3.829 min Scan# 686
Delta R.T. -0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 74 Resp: 62140
Ion Ratio Lower Upper
74 100
45 75.6 20.3 182.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.860 ug/l
RT: 4.221 min Scan# 832
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

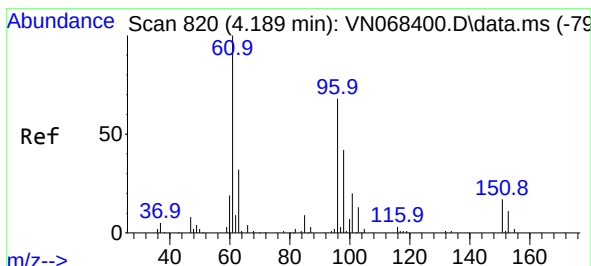
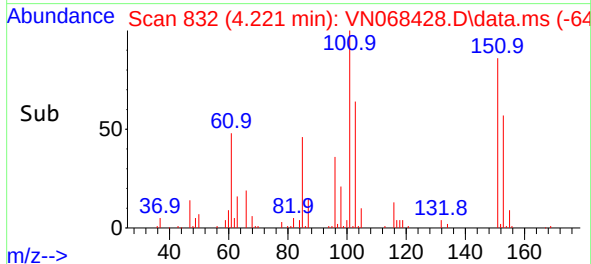
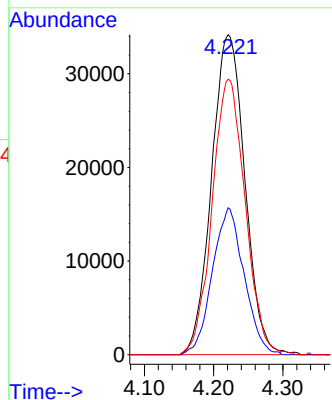
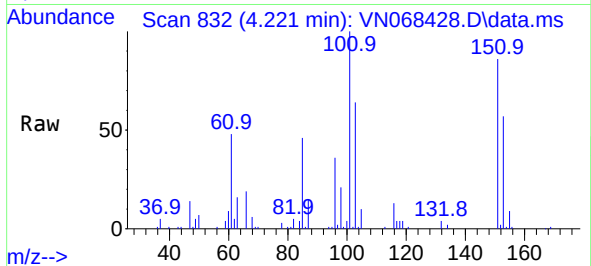
Tgt Ion: 101 Resp: 113890
Ion Ratio Lower Upper
101 100
85 43.8 0.0 97.8
151 85.5 0.0 135.0

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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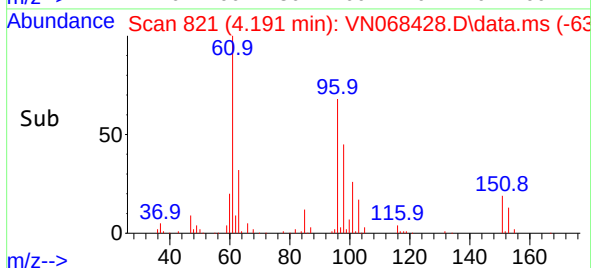
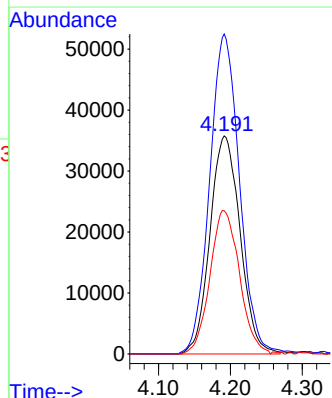
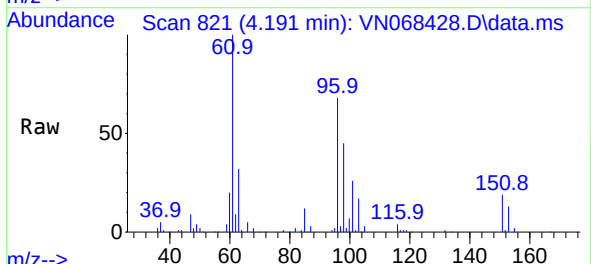
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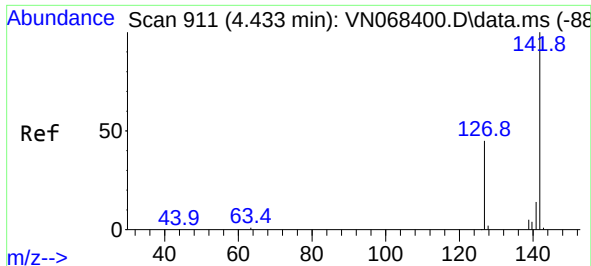
9/10/2021 10:50:49 AM



#10
1,1-Dichloroethene
Concen: 19.335 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

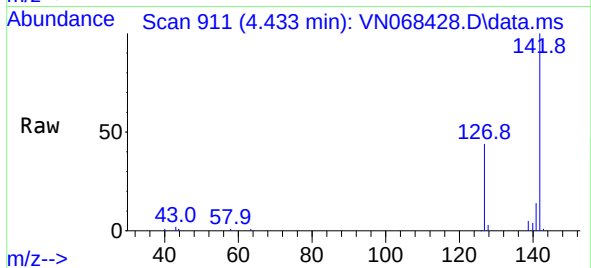
Tgt Ion: 96 Resp: 104185
Ion Ratio Lower Upper
96 100
61 146.1 148.3 222.5#
98 65.7 48.6 73.0





#11
Methyl Iodide
Concen: 17.841 ug/l
RT: 4.433 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

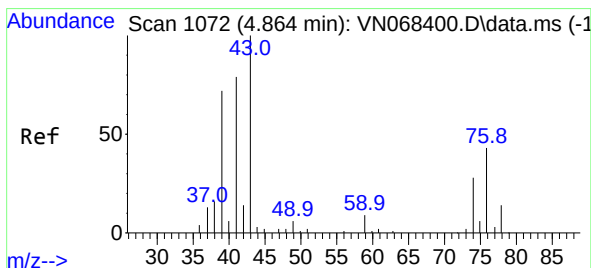
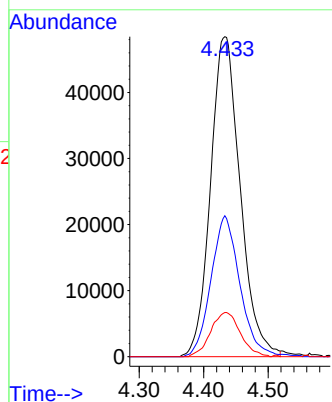
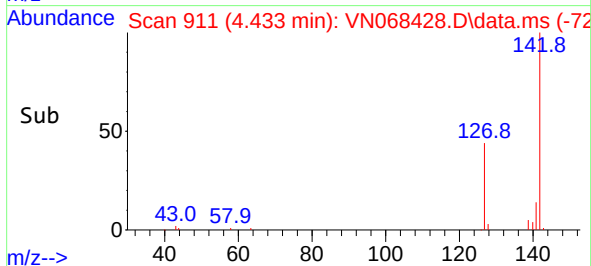


Tgt Ion:142 Resp: 154658
Ion Ratio Lower Upper
142 100
127 44.1 27.2 81.5
141 13.9 6.9 20.7

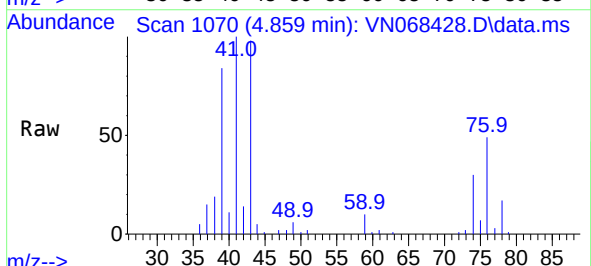
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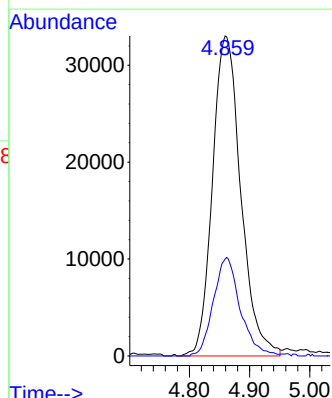
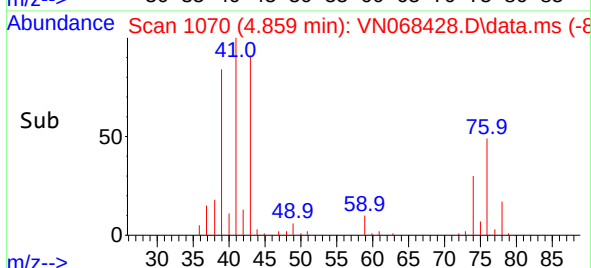
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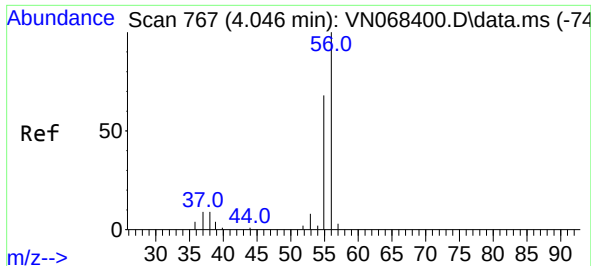


#12
Methyl Acetate
Concen: 19.890 ug/l m
RT: 4.859 min Scan# 1070
Delta R.T. -0.005 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 43 Resp: 107869
Ion Ratio Lower Upper
43 100
74 30.3 16.6 25.0#





#13
Acrolein
Concen: 99.791 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

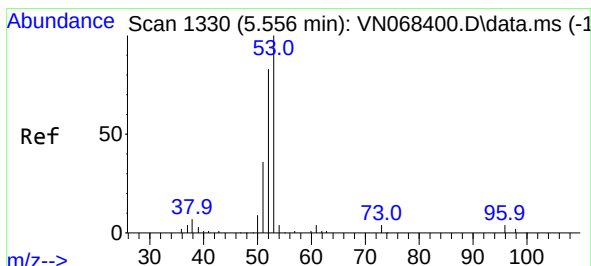
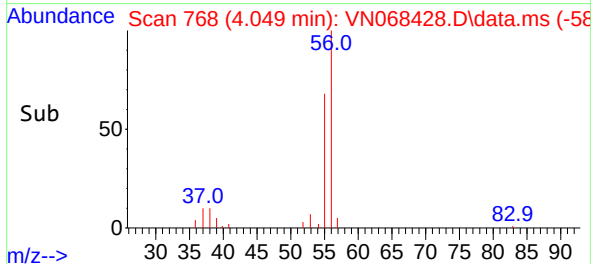
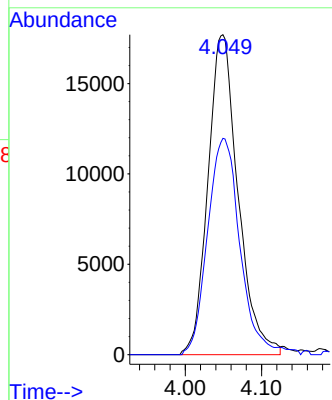
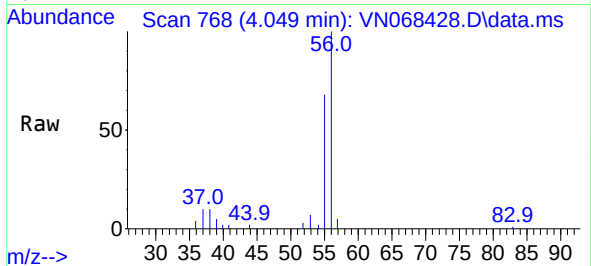
Tgt Ion: 56 Resp: 48507
Ion Ratio Lower Upper
56 100
55 71.8 57.5 86.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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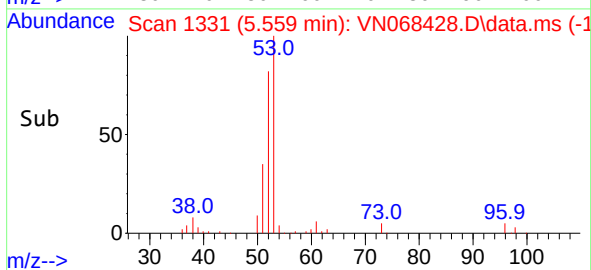
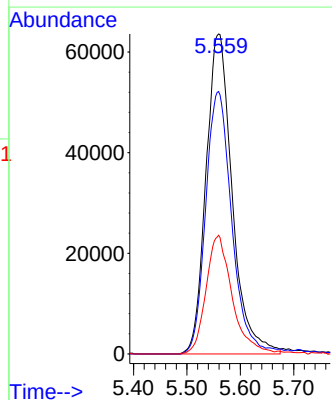
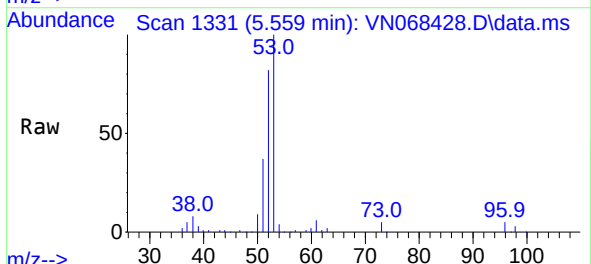
MMDadoda

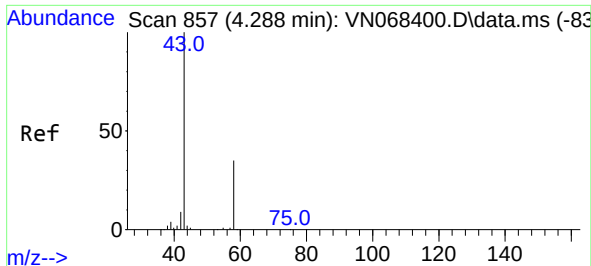
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#14
Acrylonitrile
Concen: 98.442 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 53 Resp: 216490
Ion Ratio Lower Upper
53 100
52 81.1 41.8 125.4
51 36.5 18.1 54.3





#15
Acetone
Concen: 149.819 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

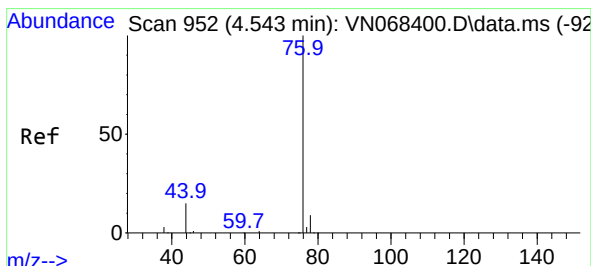
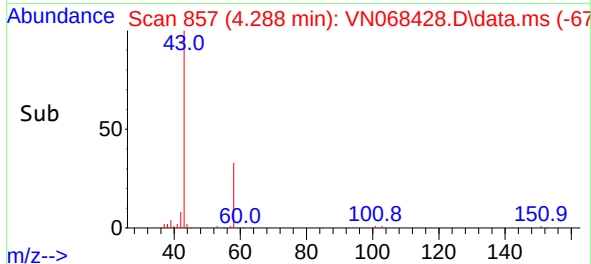
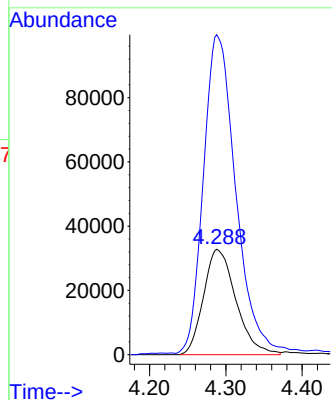
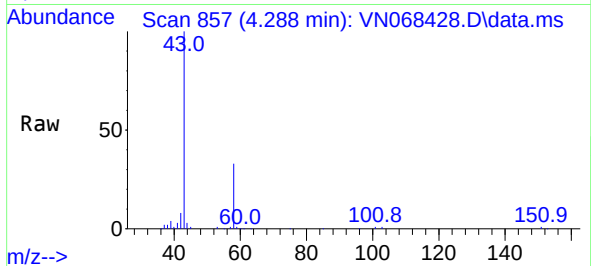
Tgt Ion: 58 Resp: 96839
Ion Ratio Lower Upper
58 100
43 300.2 289.6 434.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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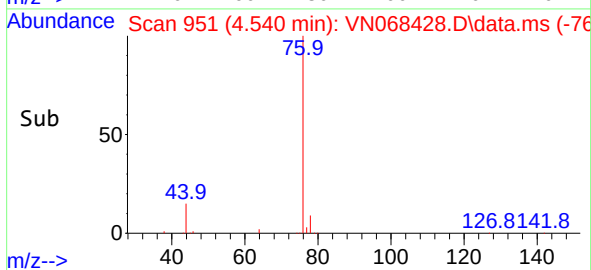
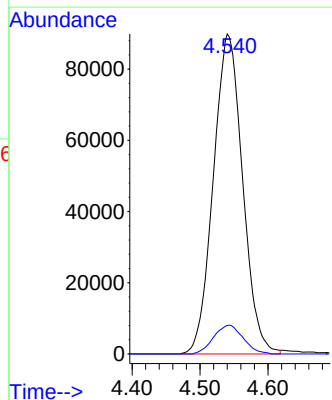
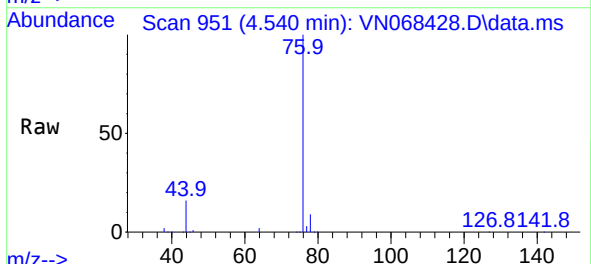
MMDadoda

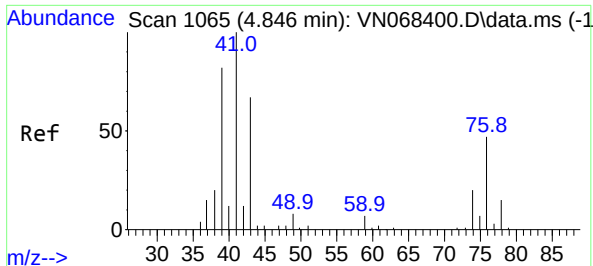
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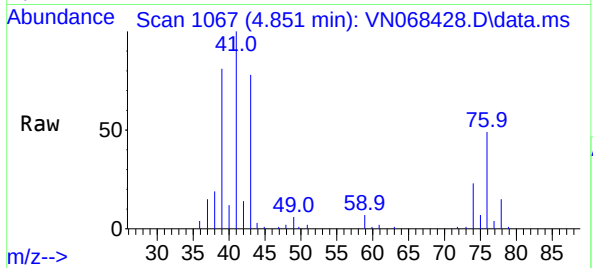
#16
Carbon Disulfide
Concen: 19.082 ug/l
RT: 4.540 min Scan# 951
Delta R.T. -0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 76 Resp: 268677
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



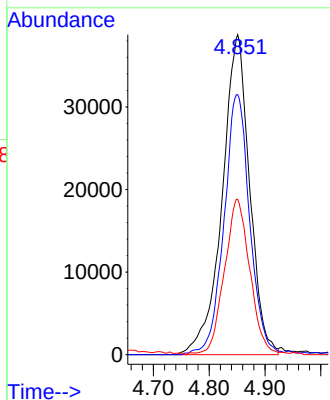


#17
Allyl chloride
Concen: 20.061 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 41 Resp: 132405

Ion	Ratio	Lower	Upper
41	100		
39	81.3	39.8	119.4
76	48.0	16.8	50.4

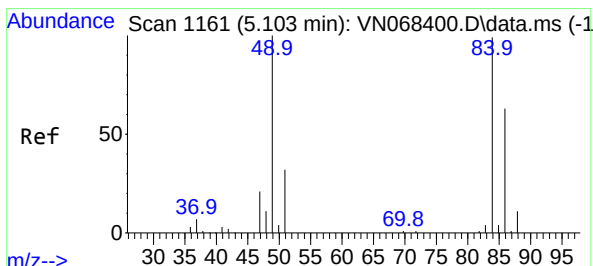


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

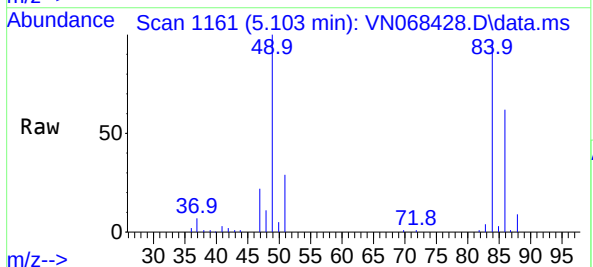
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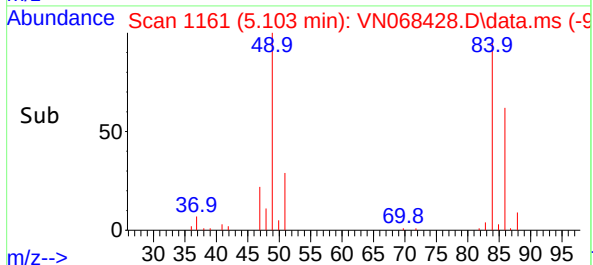
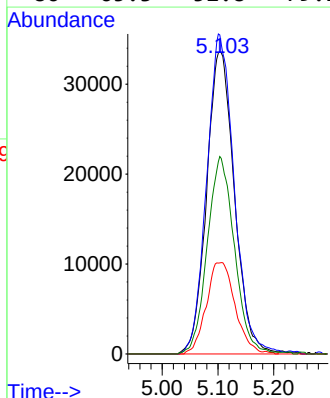


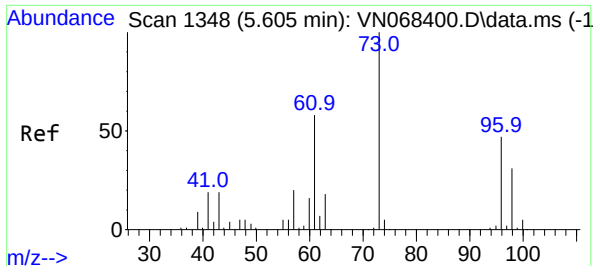
#18
Methylene Chloride
Concen: 19.715 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 84 Resp: 116261

Ion	Ratio	Lower	Upper
84	100		
49	105.5	110.9	166.3#
51	30.1	31.2	46.8#
86	65.3	52.8	79.2





#19
trans-1,2-Dichloroethene
Concen: 19.186 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

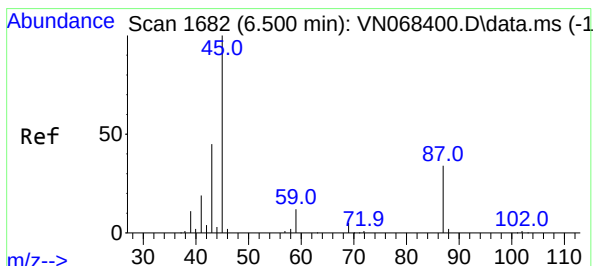
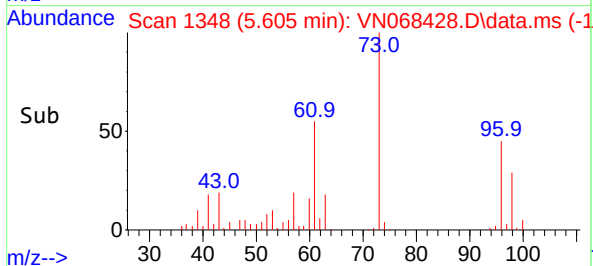
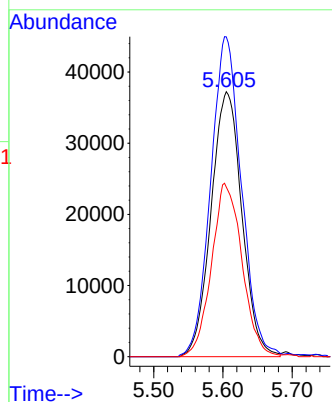
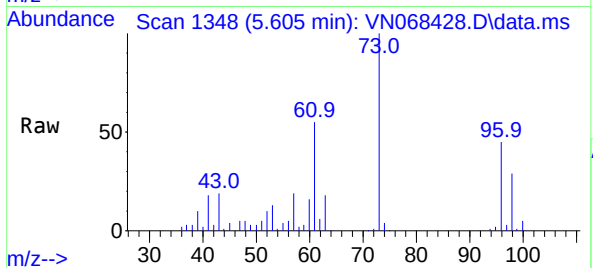
Tgt Ion: 96 Resp: 115238
Ion Ratio Lower Upper
96 100
61 120.1 129.3 193.9#
98 64.0 48.0 72.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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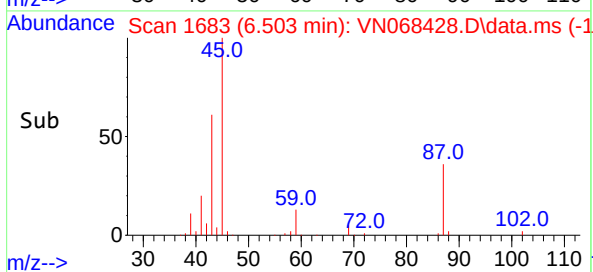
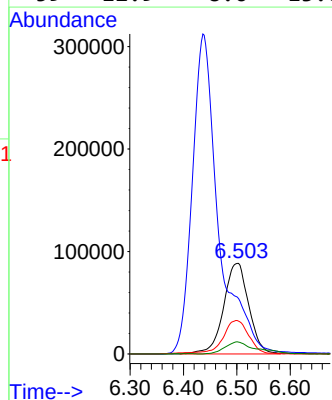
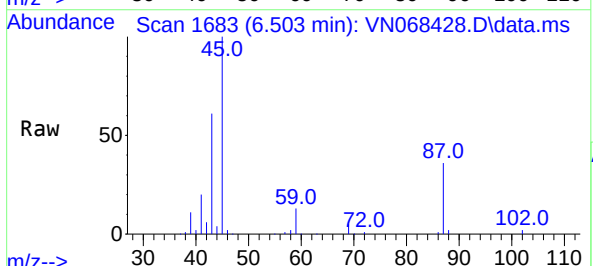
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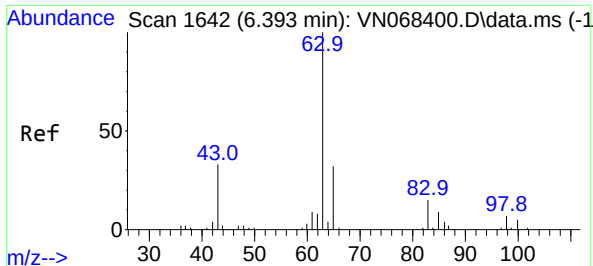
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#20
Diisopropyl ether
Concen: 20.079 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 45 Resp: 289629
Ion Ratio Lower Upper
45 100
43 58.6 48.1 72.1
87 36.0 19.8 29.6#
59 12.9 8.6 13.0





#21
1,1-Dichloroethane
Concen: 19.881 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

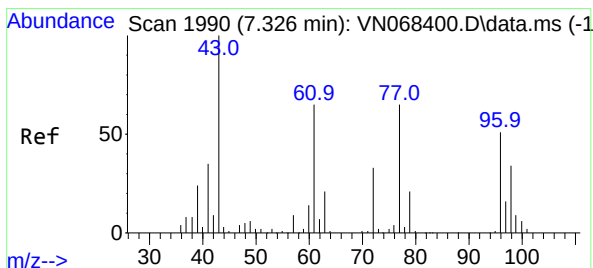
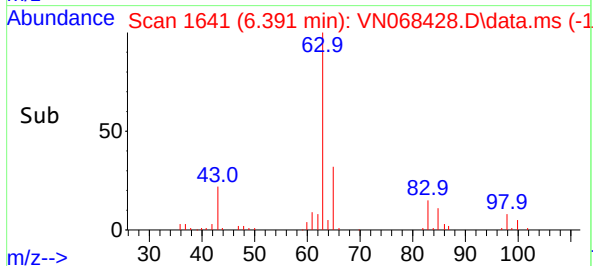
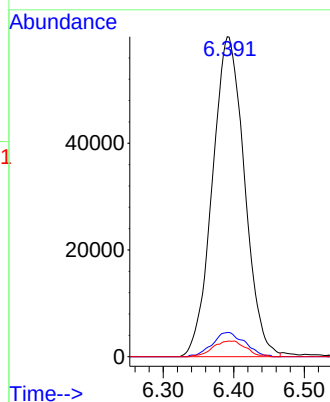
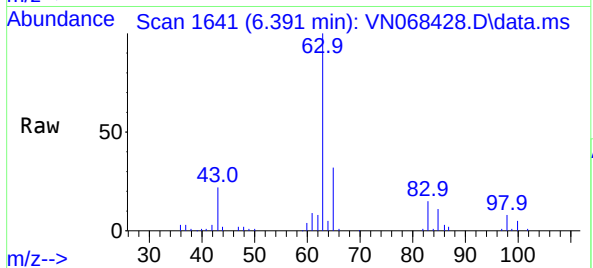
Tgt Ion: 63 Resp: 189649
Ion Ratio Lower Upper
63 100
98 7.6 2.7 8.1
100 4.8 1.8 5.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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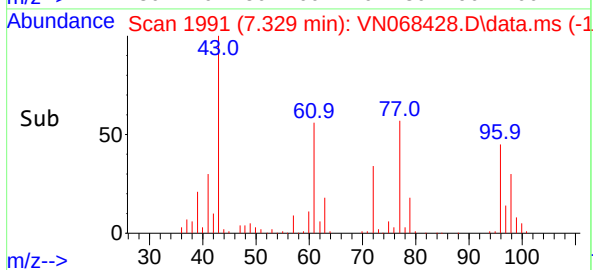
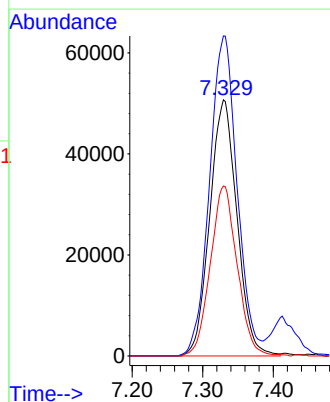
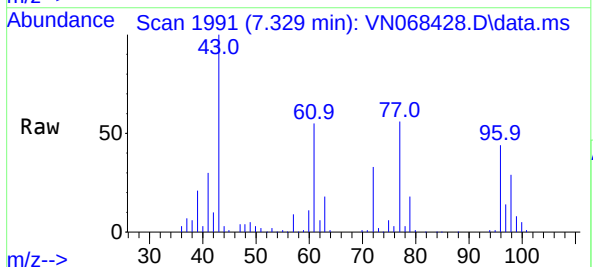
MMDadoda

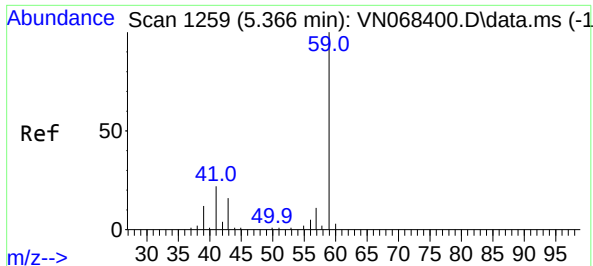
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#22
cis-1,2-Dichloroethene
Concen: 19.513 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 96 Resp: 136180
Ion Ratio Lower Upper
96 100
61 126.5 131.2 196.8#
98 65.2 50.7 76.1





#23

tert-Butyl Alcohol
Concen: 103.959 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

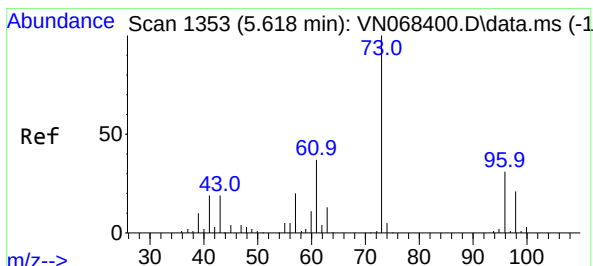
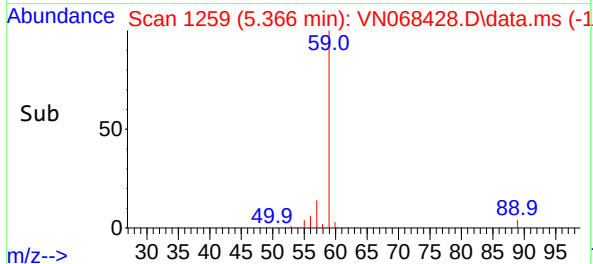
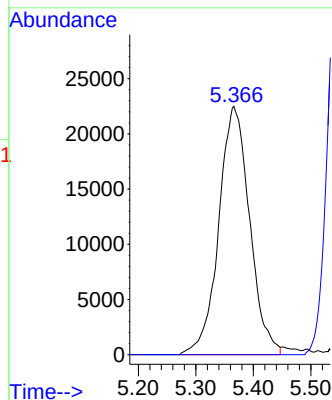
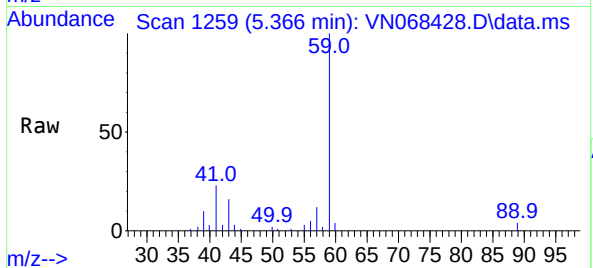
Tgt Ion: 59 Resp: 83914
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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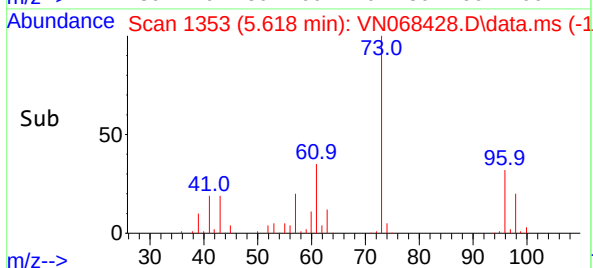
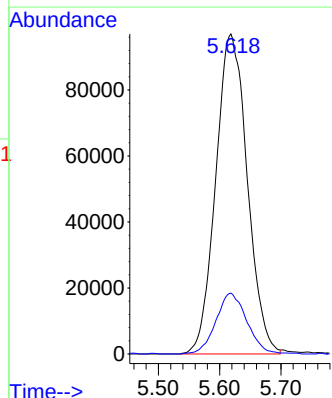
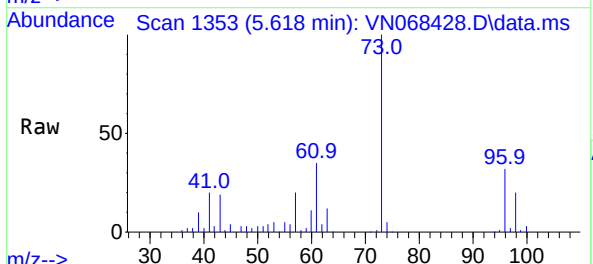
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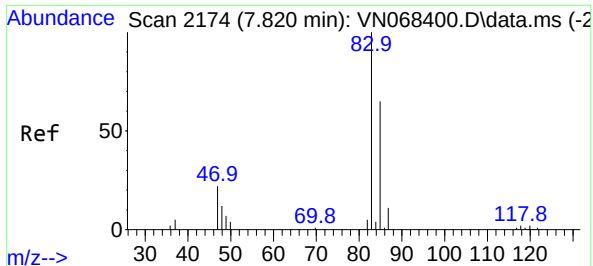


#24

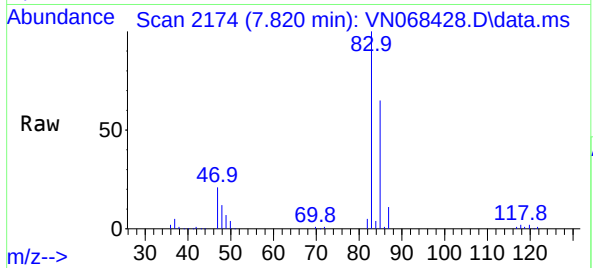
Methyl tert-Butyl Ether
Concen: 19.813 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 73 Resp: 346849
Ion Ratio Lower Upper
73 100
43 18.6 20.0 30.0#

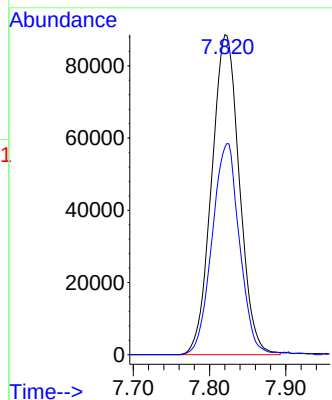




#25
Chloroform
Concen: 19.998 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 83 Resp: 224068
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3

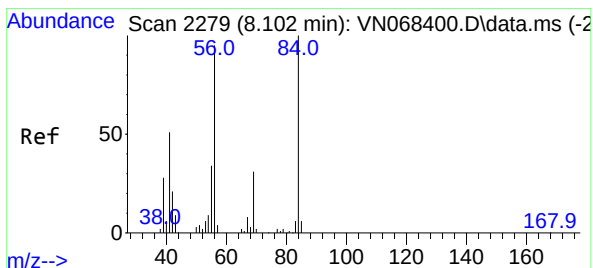


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

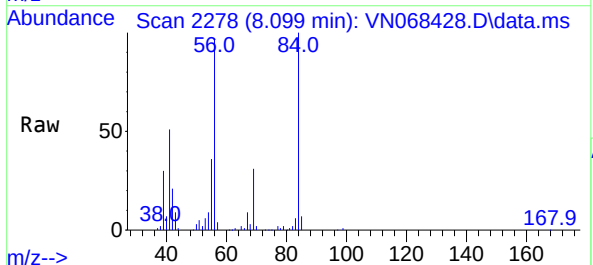
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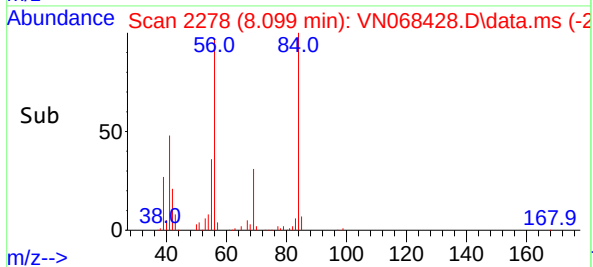
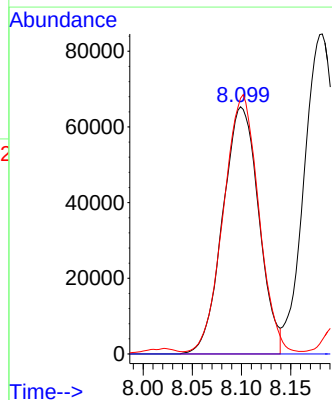
9/10/2021 10:50:49 AM

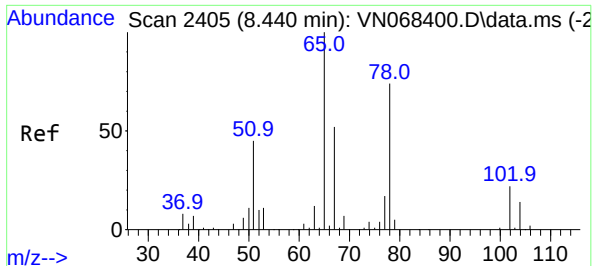


#26
Cyclohexane
Concen: 19.947 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 56 Resp: 166686
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 103.4 66.2 99.2#

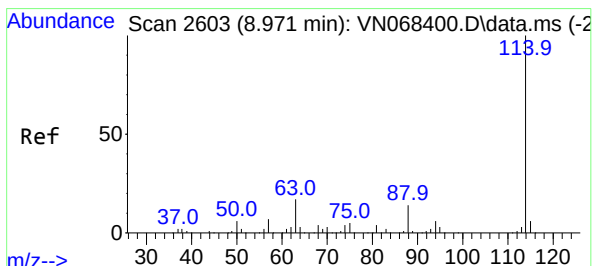
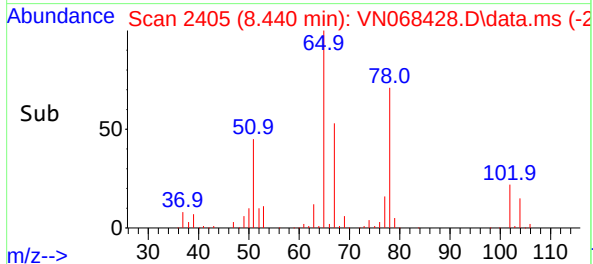
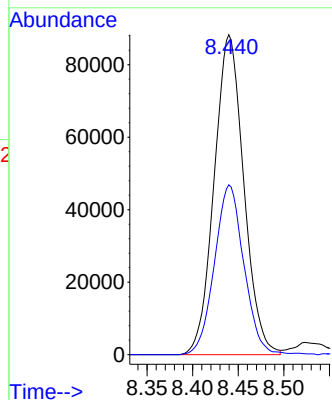
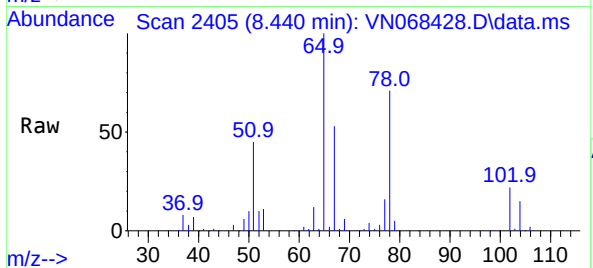




#27

1,2-Dichloroethane-d4
Concen: 31.137 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

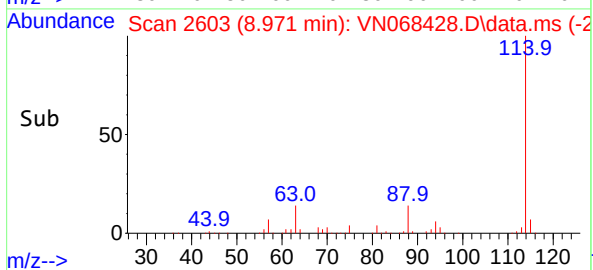
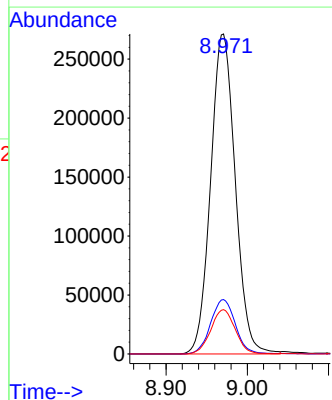
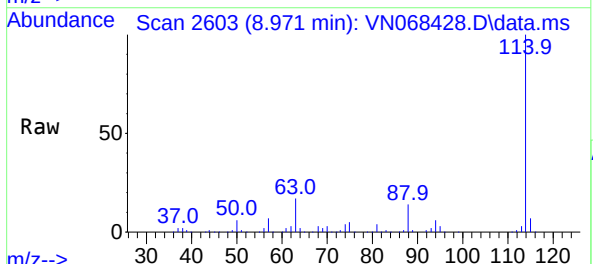
Tgt Ion: 65 Resp: 199410
Ion Ratio Lower Upper
65 100
67 52.7 39.8 59.8



#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 114 Resp: 571781
Ion Ratio Lower Upper
114 100
63 17.1 20.3 30.5#
88 13.8 14.6 22.0#

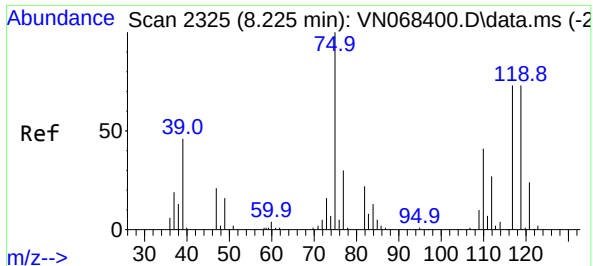


Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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#29
1,1-Dichloropropene
Concen: 19.452 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

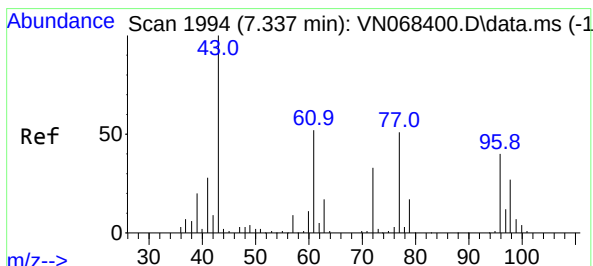
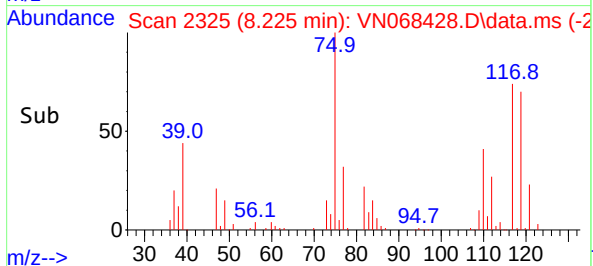
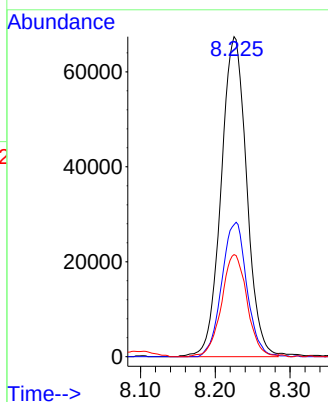
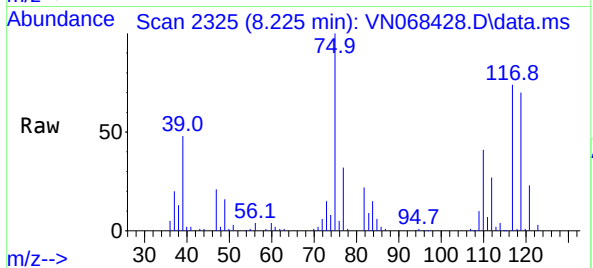
Tgt Ion: 75 Resp: 159556
Ion Ratio Lower Upper
75 100
110 41.3 0.0 63.4
77 32.0 0.0 63.0

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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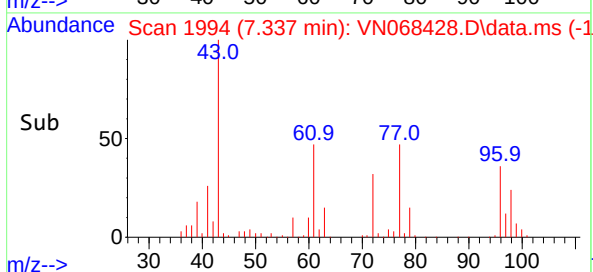
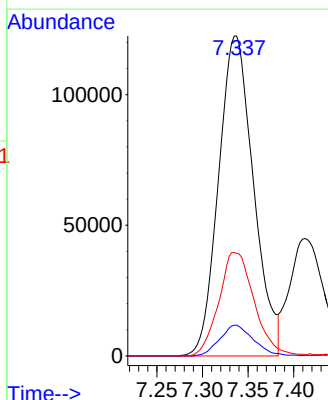
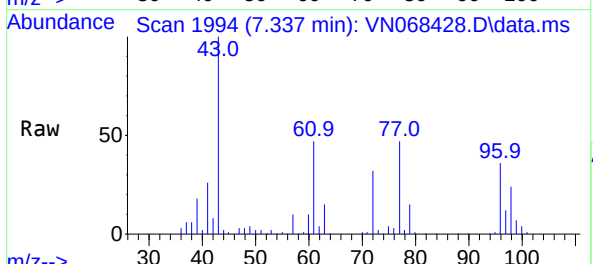
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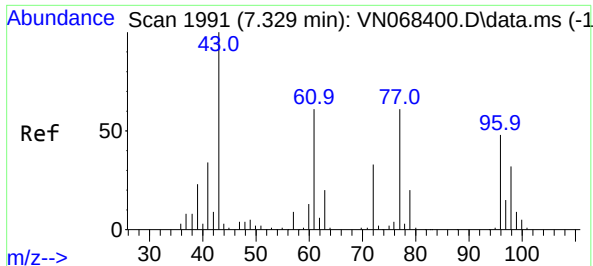
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#30
2-Butanone
Concen: 111.292 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

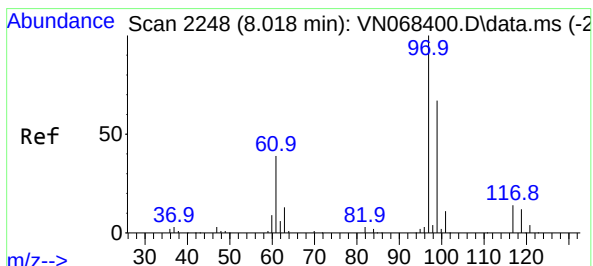
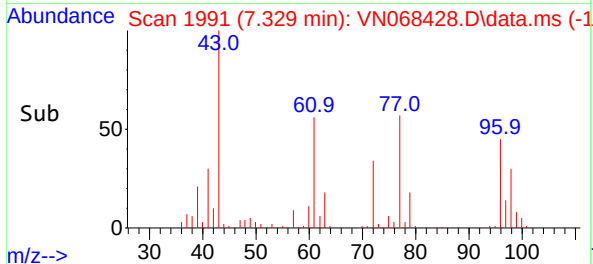
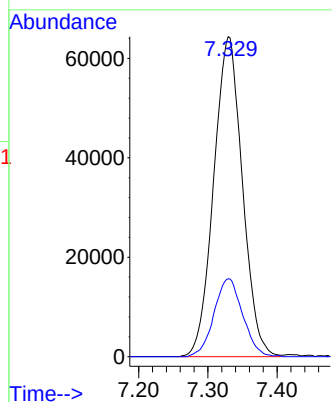
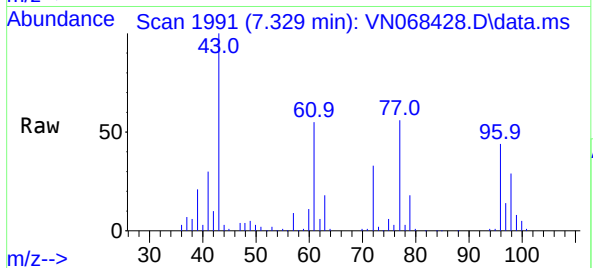
Tgt Ion: 43 Resp: 326619
Ion Ratio Lower Upper
43 100
57 9.3 6.9 10.3
72 32.7 20.0 30.0#





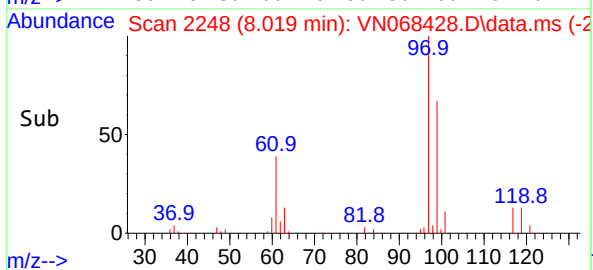
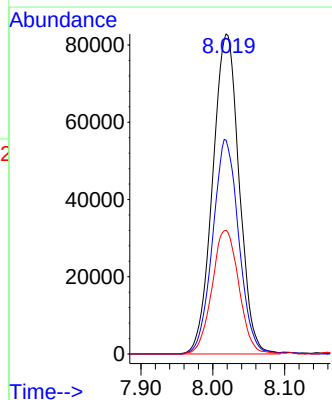
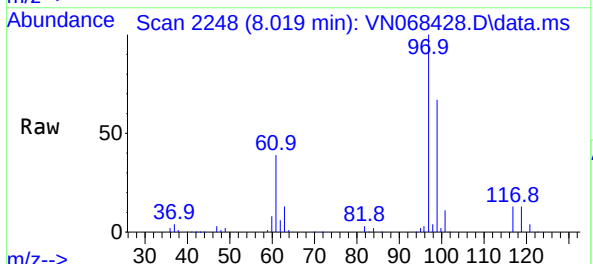
#31
2,2-Dichloropropane
Concen: 19.811 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 77 Resp: 185061
Ion Ratio Lower Upper
77 100
97 24.4 16.3 24.5



#32
1,1,1-Trichloroethane
Concen: 19.682 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 97 Resp: 212043
Ion Ratio Lower Upper
97 100
99 66.1 49.7 74.5
61 39.2 38.0 57.0

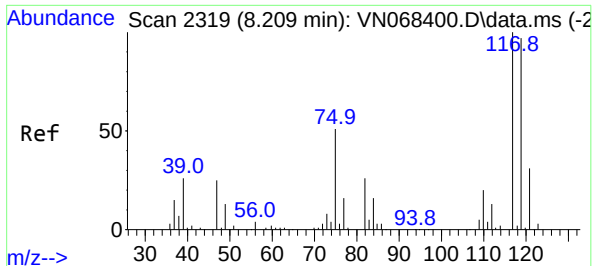


Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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#33
Carbon Tetrachloride
Concen: 19.462 ug/l
RT: 8.212 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

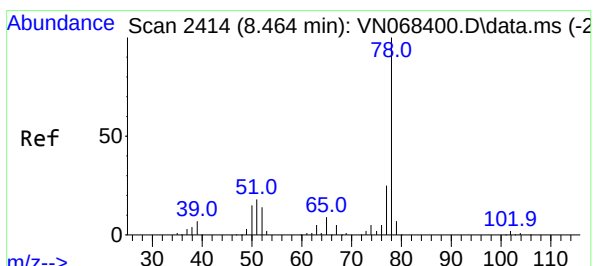
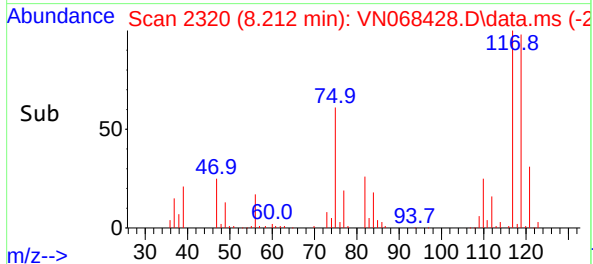
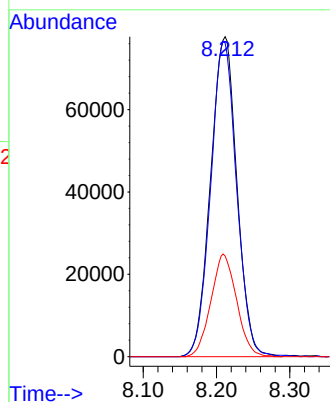
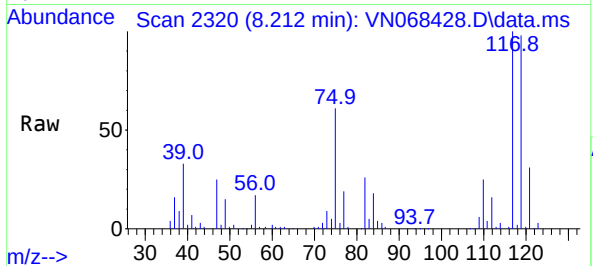
Tgt Ion: 117 Resp: 193721
Ion Ratio Lower Upper
117 100
119 98.0 73.3 109.9
121 31.4 24.2 36.4

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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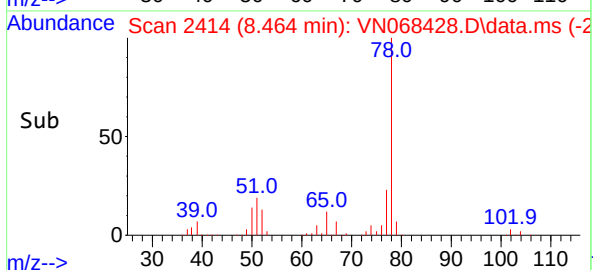
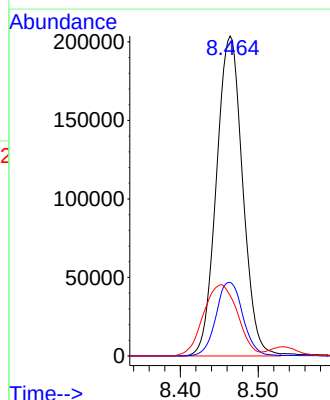
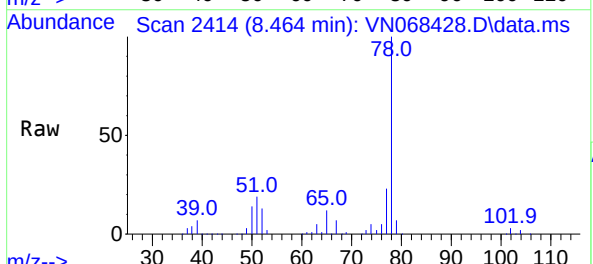
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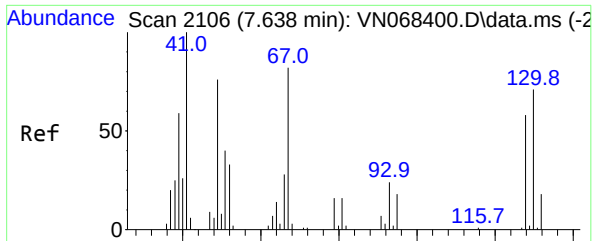
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#34
Benzene
Concen: 19.639 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 78 Resp: 476168
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0
51 18.3 20.0 30.0#





#35
Methacrylonitrile
Concen: 18.752 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

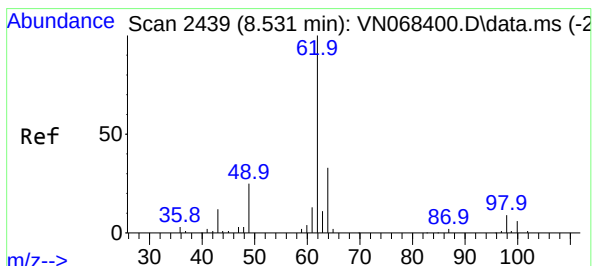
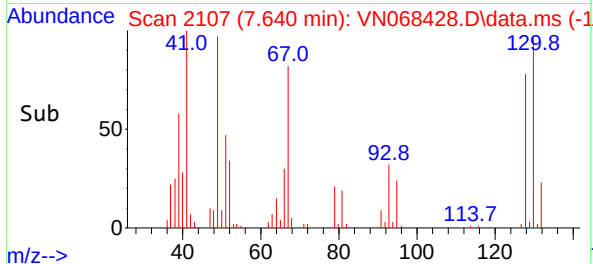
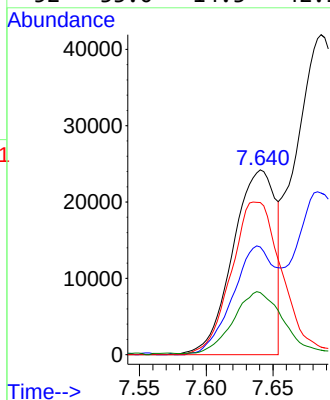
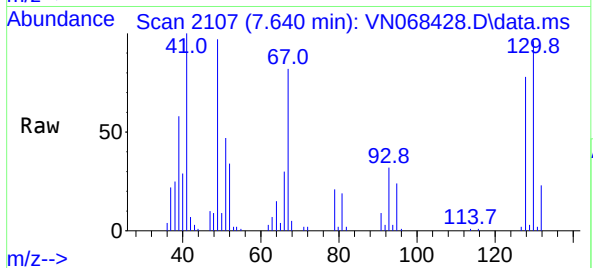
Tgt Ion:	41	Resp:	53764
Ion	Ratio	Lower	Upper
41	100		
39	58.3	30.3	90.9
67	82.4	32.1	96.3
52	33.0	14.3	42.9

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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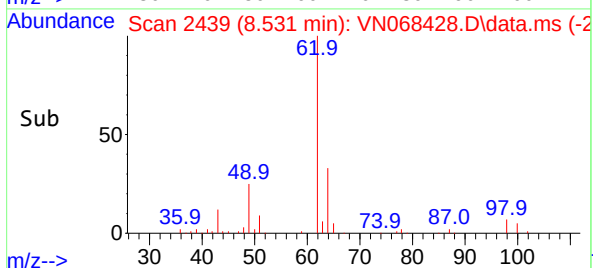
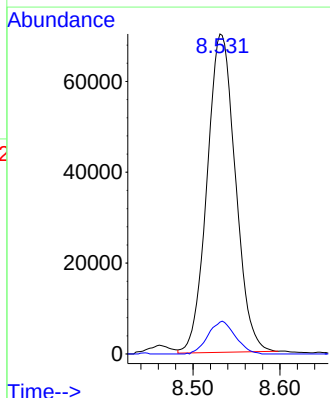
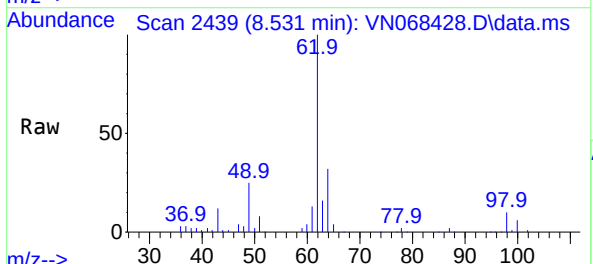
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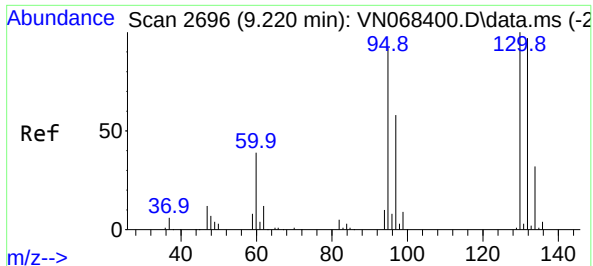
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#36
1,2-Dichloroethane
Concen: 19.572 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion:	62	Resp:	158892
Ion	Ratio	Lower	Upper
62	100		
98	9.9	6.0	9.0#





#37

Trichloroethene

Concen: 19.438 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.000 min

Lab File: VN068428.D

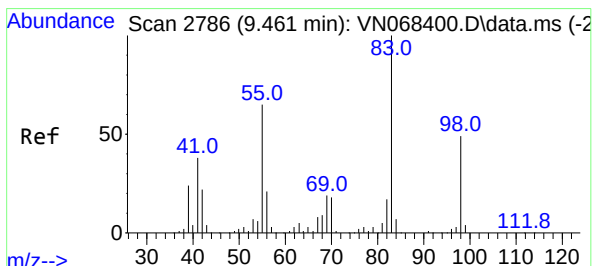
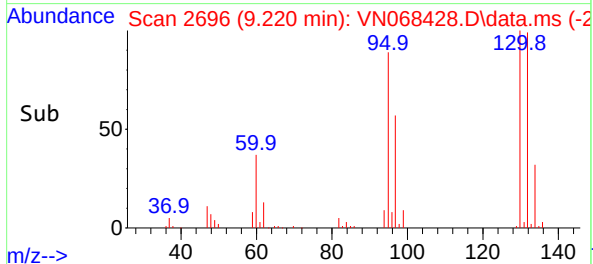
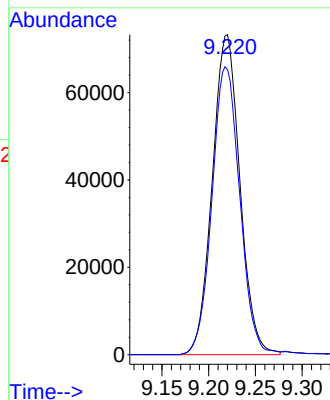
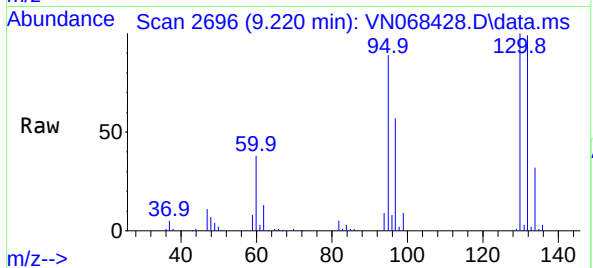
Acq: 8 Sep 2021 9:23

Tgt Ion:130 Resp: 150646

Ion Ratio Lower Upper

130 100

95 89.1 92.2 138.2#



#38

Methylcyclohexane

Concen: 19.066 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VN068428.D

Acq: 8 Sep 2021 9:23

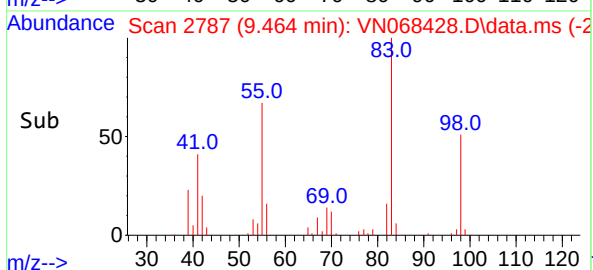
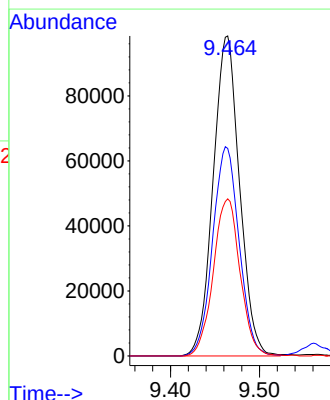
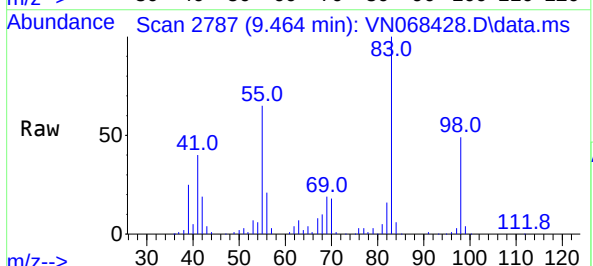
Tgt Ion: 83 Resp: 203022

Ion Ratio Lower Upper

83 100

55 65.6 41.5 124.6

98 49.7 22.4 67.0



Instrument :

MSVOA_N

ClientSampled :

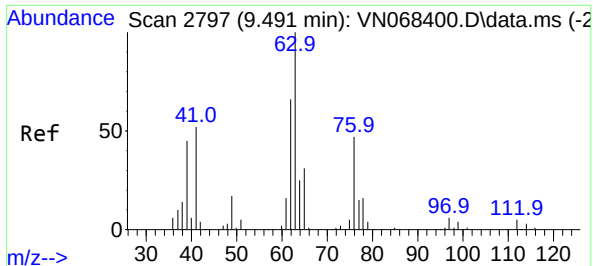
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#39

1,2-Dichloropropane
Concen: 19.298 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

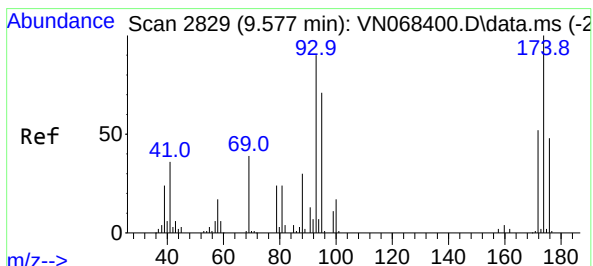
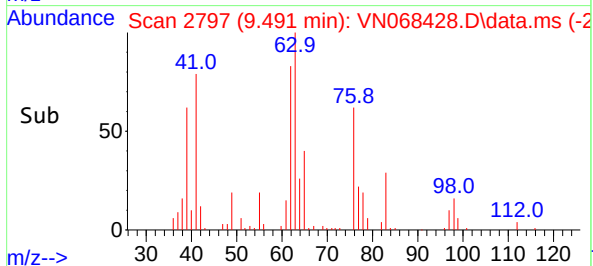
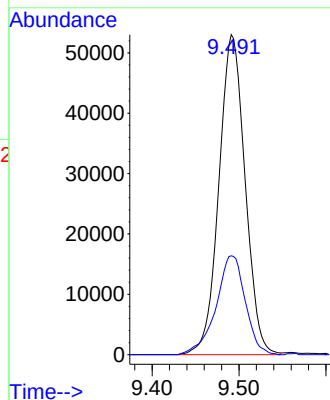
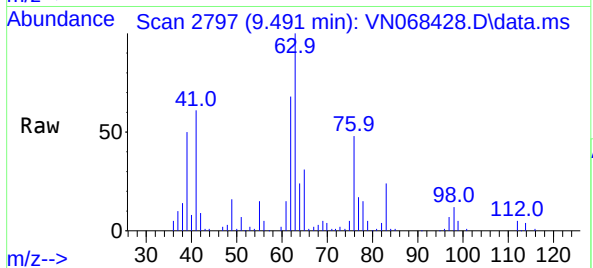
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tgt Ion: 63 Resp: 110926
Ion Ratio Lower Upper
63 100
65 30.9 24.5 36.7

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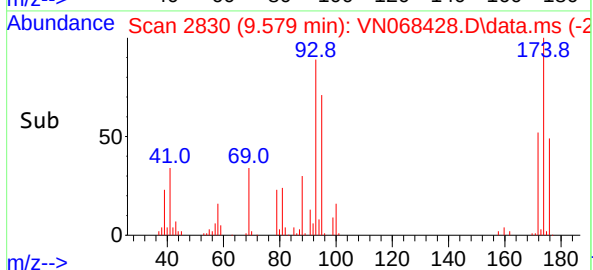
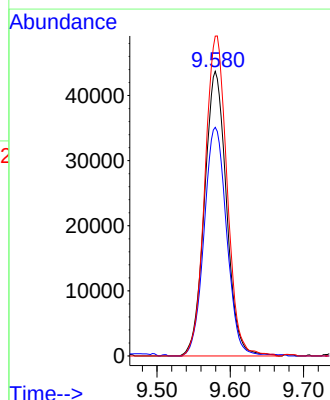
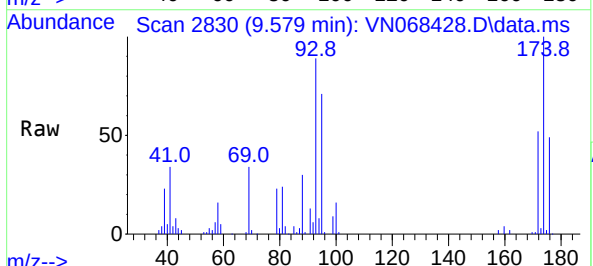
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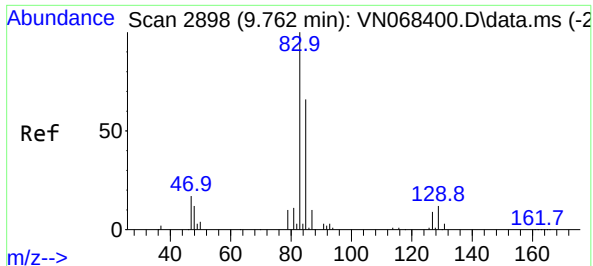


#40

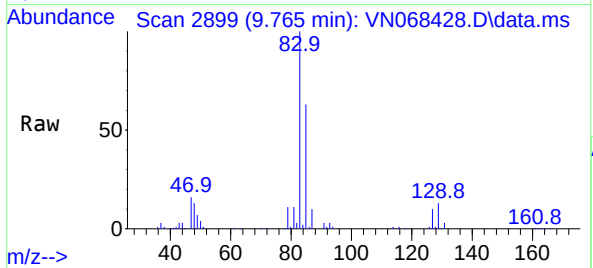
Dibromomethane
Concen: 20.045 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 93 Resp: 91175
Ion Ratio Lower Upper
93 100
95 82.1 0.0 167.6
174 111.9 0.0 148.4

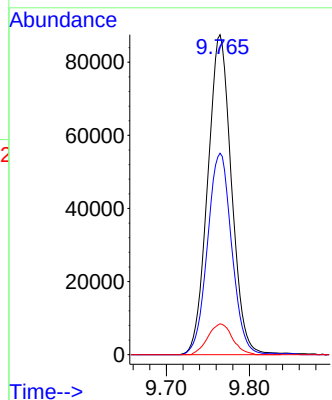




#41
Bromodichloromethane
Concen: 19.783 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 83 Resp: 173852
Ion Ratio Lower Upper
83 100
85 62.9 51.2 76.8
127 9.6 6.6 9.8

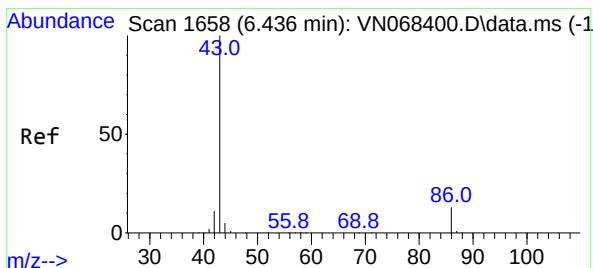


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

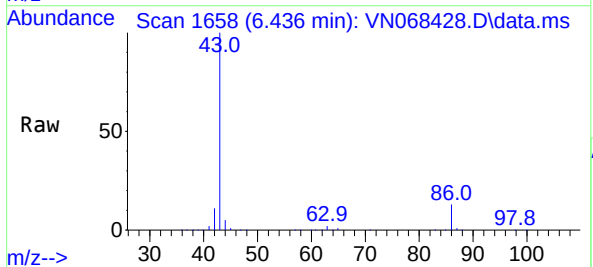
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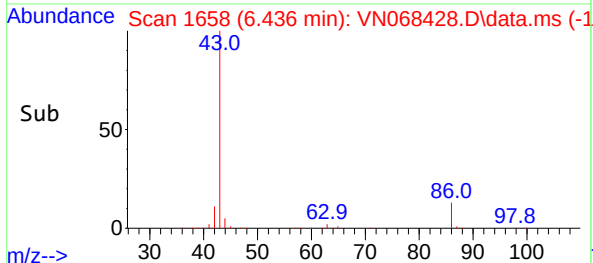
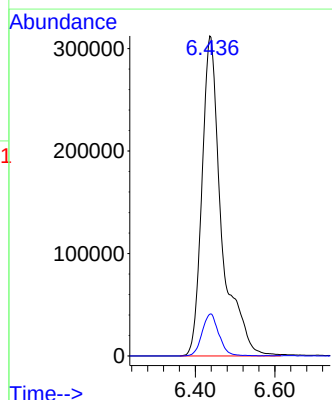
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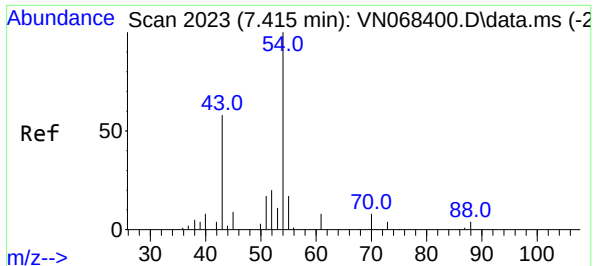


#42
Vinyl Acetate
Concen: 96.166 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 43 Resp: 1067420
Ion Ratio Lower Upper
43 100
86 11.2 6.4 9.6#





#43
Ethyl Acetate
Concen: 19.982 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. -0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

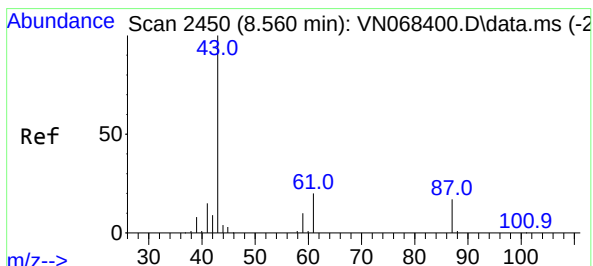
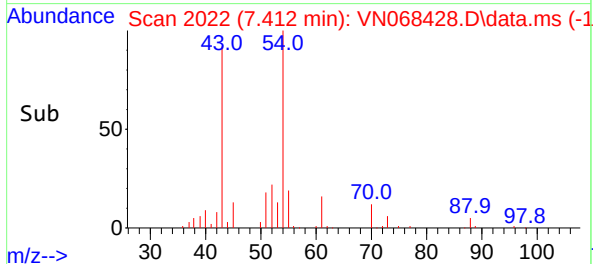
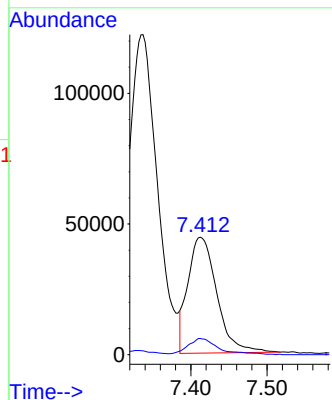
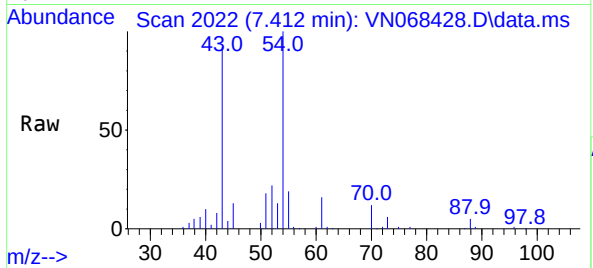
Tgt Ion: 43 Resp: 116616
Ion Ratio Lower Upper
43 100
45 12.3 1.0 1.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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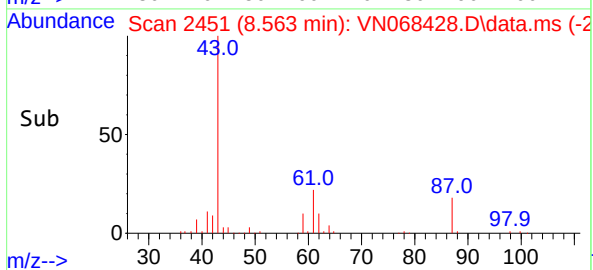
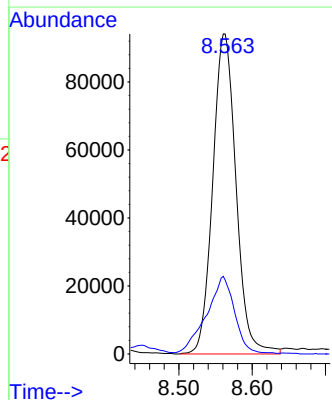
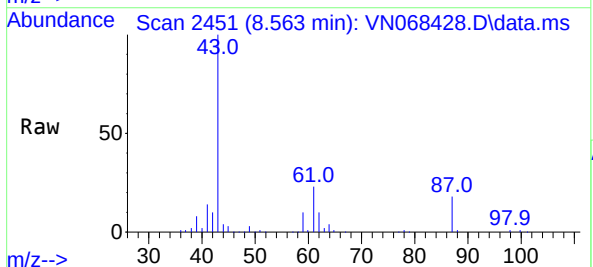
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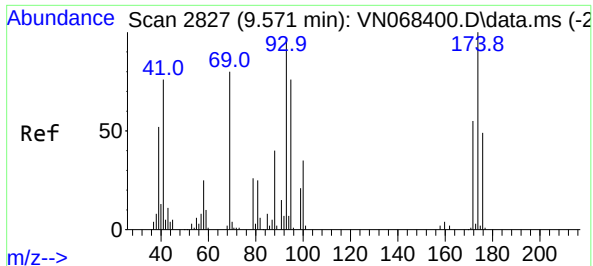
9/10/2021 10:50:49 AM



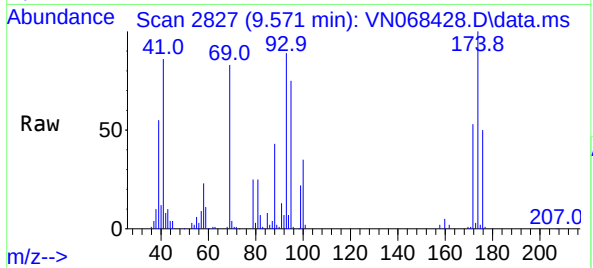
#44
Isopropyl Acetate
Concen: 19.598 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 43 Resp: 207779
Ion Ratio Lower Upper
43 100
61 28.4 19.0 28.6

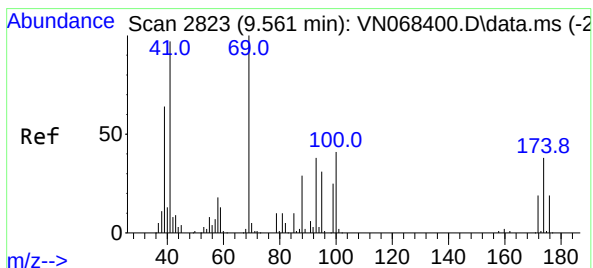
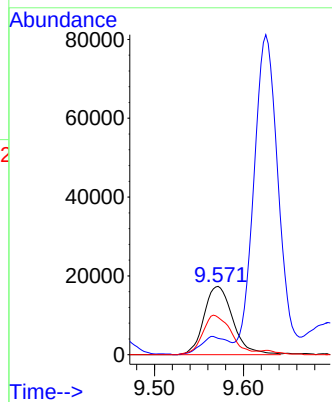
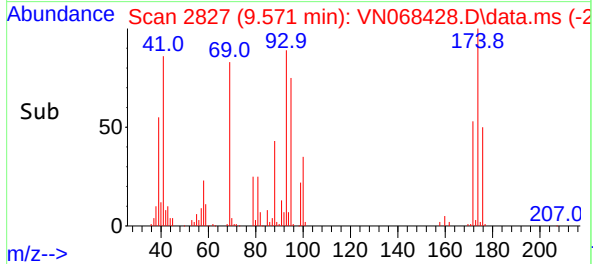




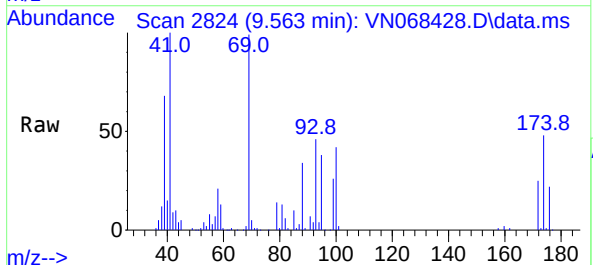
#45
1,4-Dioxane
Concen: 411.717 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



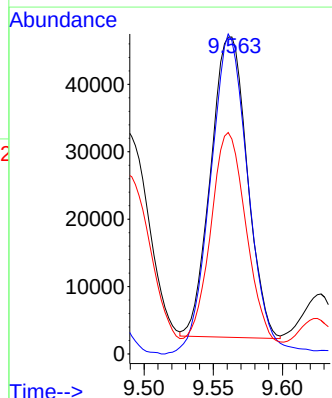
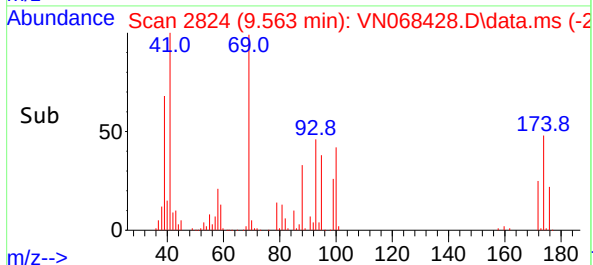
Tgt Ion: 88 Resp: 39019
Ion Ratio Lower Upper
88 100
43 25.0 18.0 27.0
58 56.8 57.7 86.5#



#46
Methyl methacrylate
Concen: 18.203 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 41 Resp: 81597
Ion Ratio Lower Upper
41 100
69 102.6 38.0 114.1
39 67.9 33.9 101.7

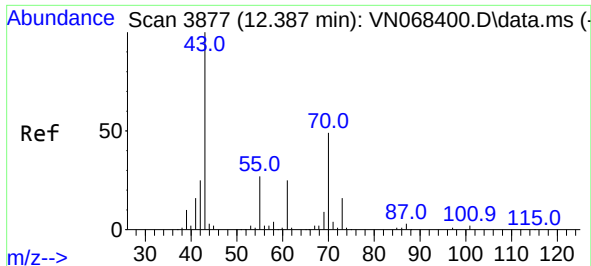


Instrument :
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ClientSampled :
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#47
n-amy1 Acetate
Concen: 17.600 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

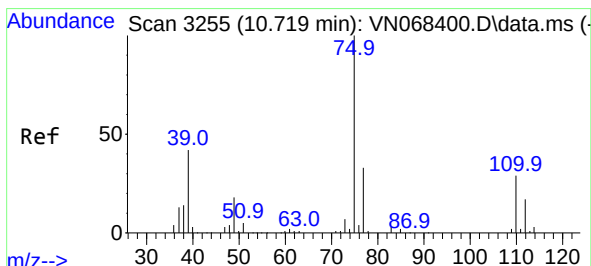
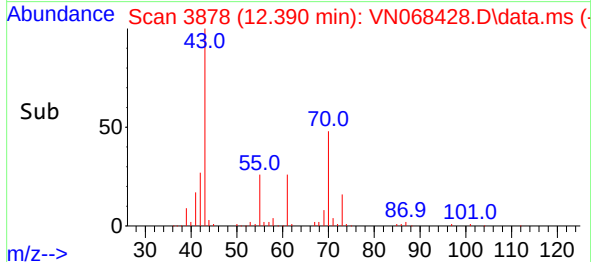
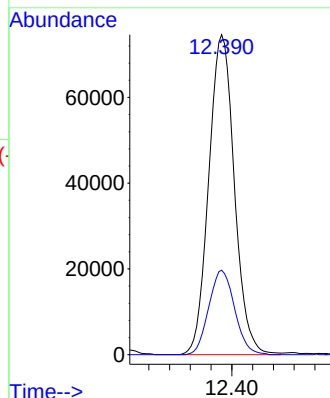
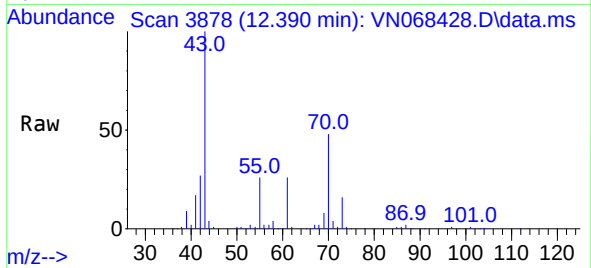
Tgt Ion: 43 Resp: 127672
Ion Ratio Lower Upper
43 100
55 26.6 17.6 26.4#

Instrument :
MSVOA_N
ClientSampleId :
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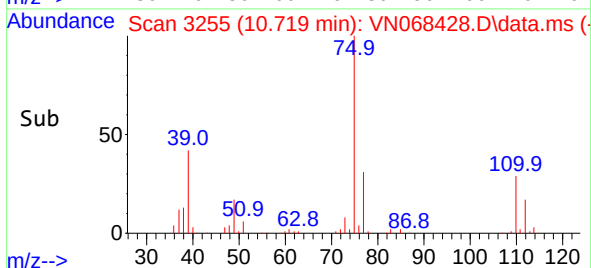
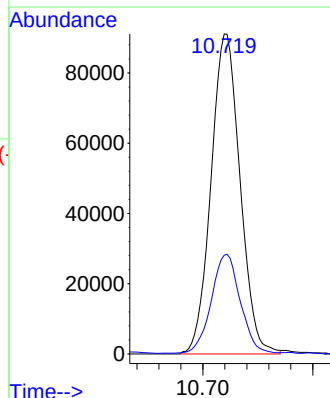
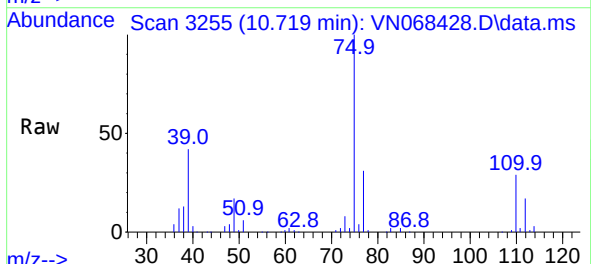
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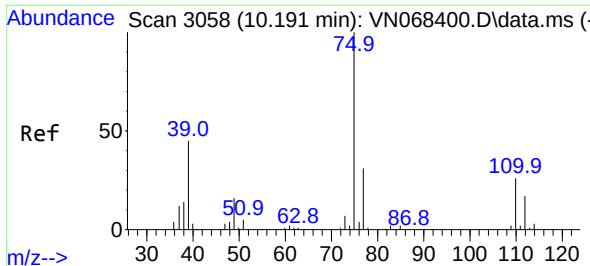
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#48
t-1,3-Dichloropropene
Concen: 19.294 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 75 Resp: 166870
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0





#49
cis-1,3-Dichloropropene
Concen: 19.183 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

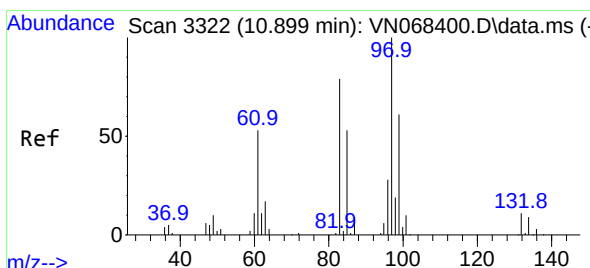
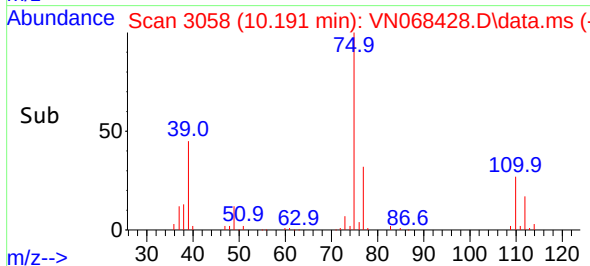
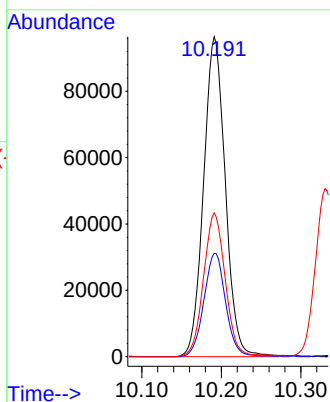
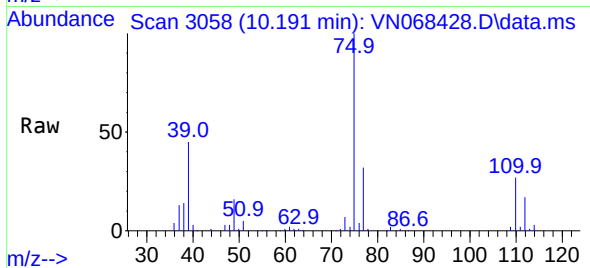
Tgt Ion: 75 Resp: 182988
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
39 44.8 50.6 76.0#

Instrument :
MSVOA_N
ClientSampled :
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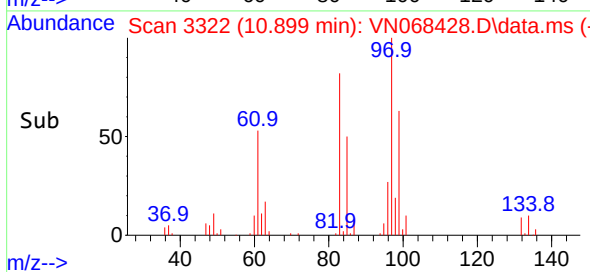
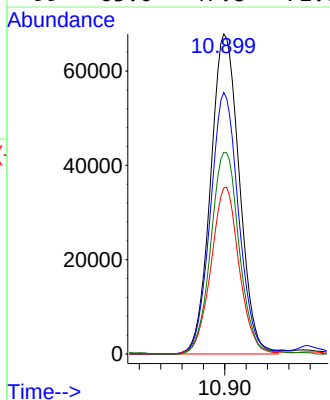
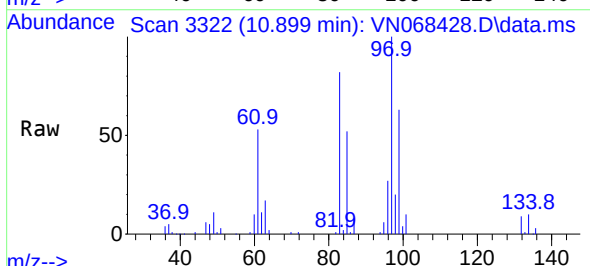
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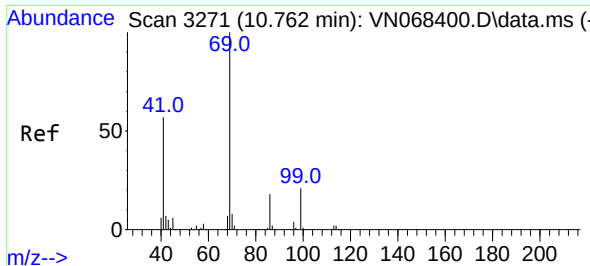
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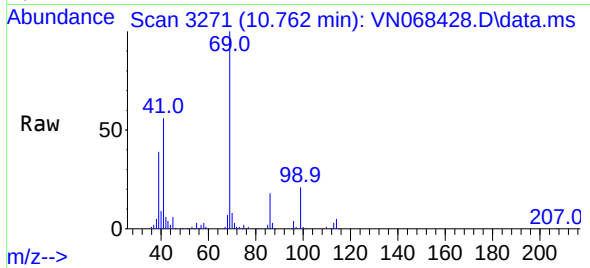
#50
1,1,2-Trichloroethane
Concen: 19.739 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 97 Resp: 126662
Ion Ratio Lower Upper
97 100
83 81.5 69.6 104.4
85 51.9 45.2 67.8
99 63.0 47.8 71.6

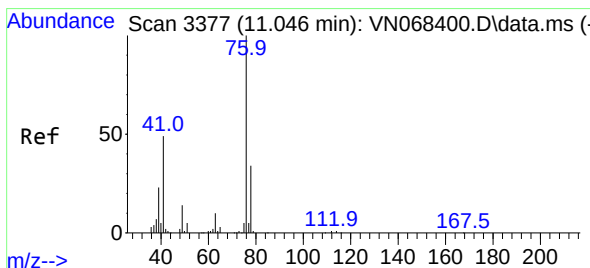
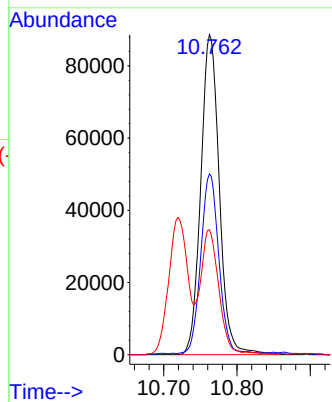
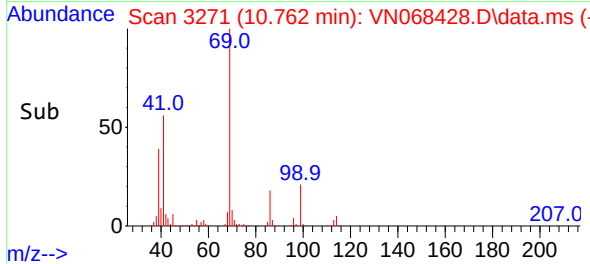




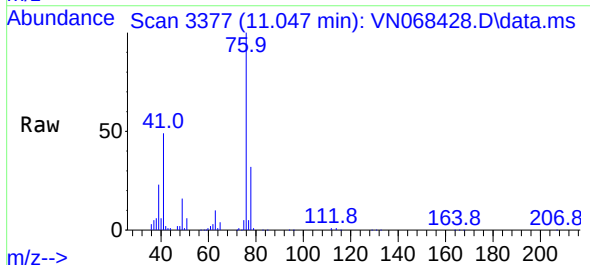
#51
Ethyl methacrylate
Concen: 18.892 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



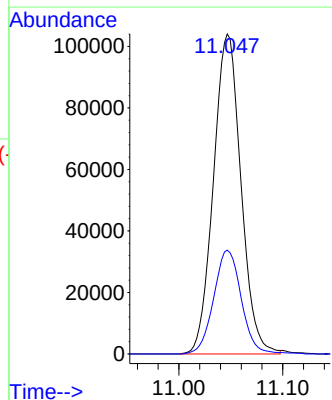
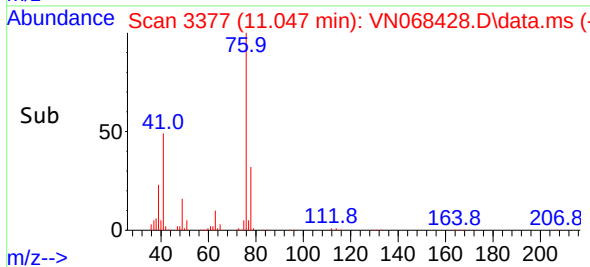
Tgt Ion: 69 Resp: 155863
Ion Ratio Lower Upper
69 100
41 56.0 36.8 110.4
39 38.7 23.8 71.2



#52
1,3-Dichloropropane
Concen: 19.755 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 76 Resp: 191393
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.0

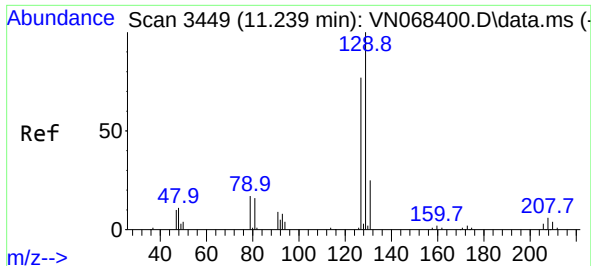


Instrument :
MSVOA_N
ClientSampleId :
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#53
Dibromochloromethane
Concen: 19.193 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

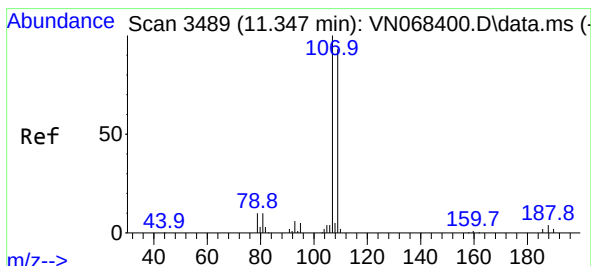
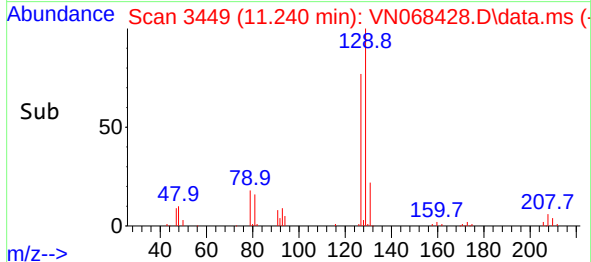
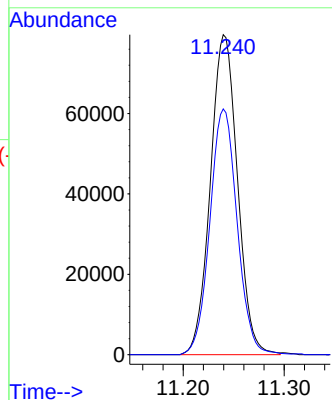
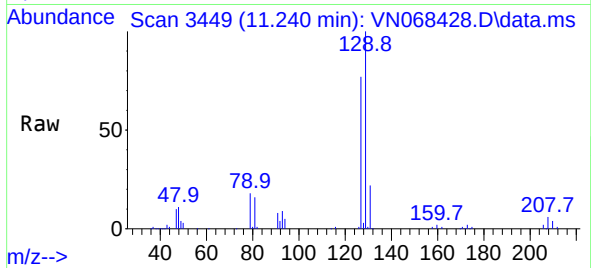
Tgt Ion:129 Resp: 148422
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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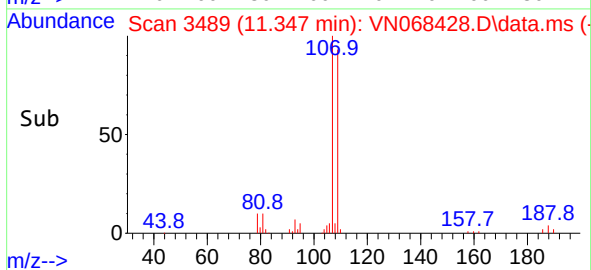
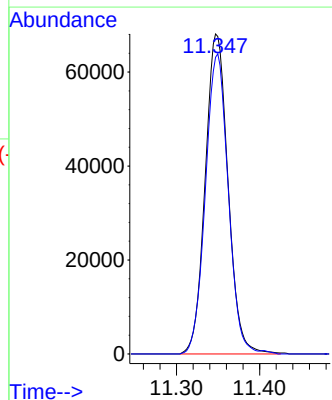
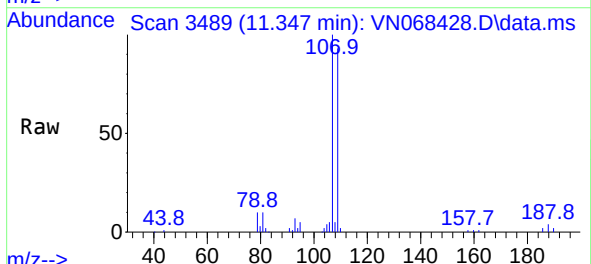
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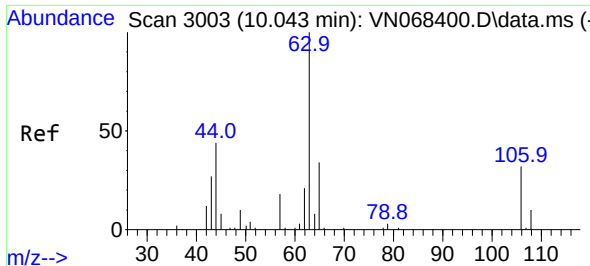
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#54
1,2-Dibromoethane
Concen: 19.376 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion:107 Resp: 129960
Ion Ratio Lower Upper
107 100
109 93.5 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 86.073 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

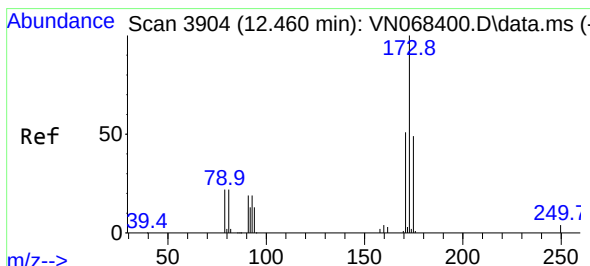
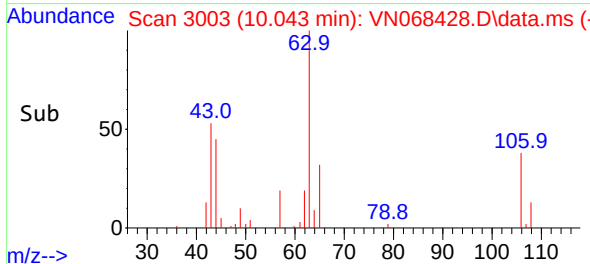
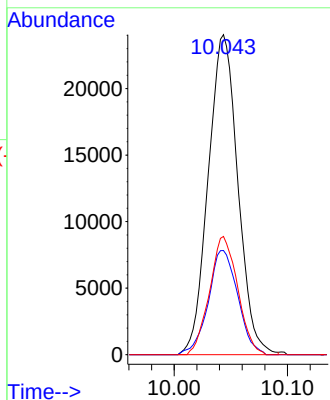
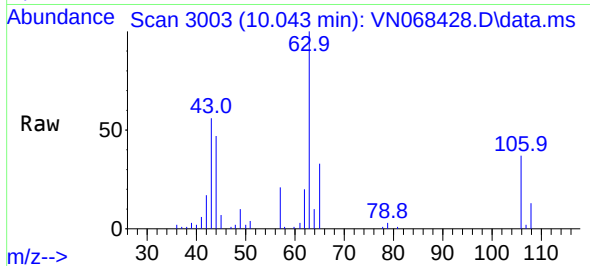
Tgt Ion:	63	Resp:	43697
Ion Ratio	Lower	Upper	
63	100		
65	32.4	25.6	38.4
106	35.0	20.0	30.0#

Instrument :
MSVOA_N
ClientSampled :
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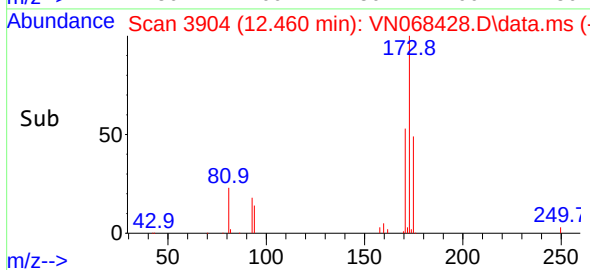
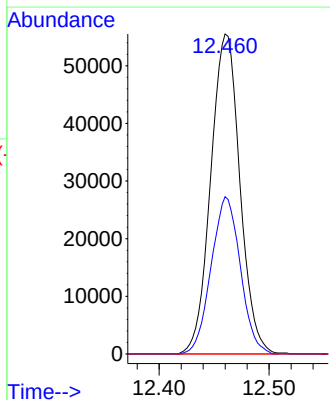
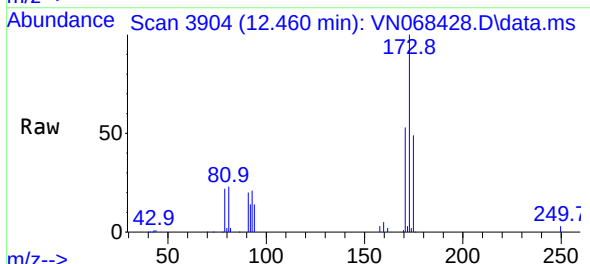
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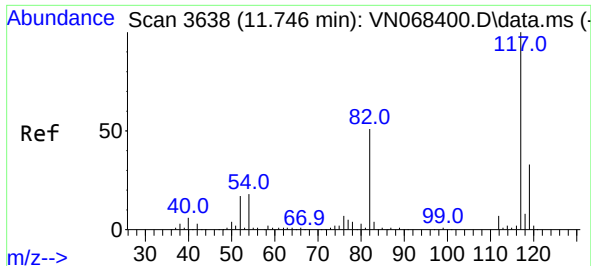
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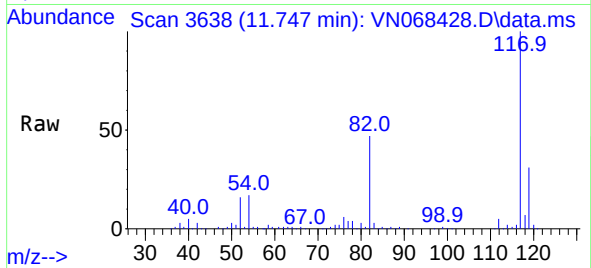
#56
Bromoform
Concen: 17.298 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion:	173	Resp:	102364
Ion Ratio	Lower	Upper	
173	100		
175	49.1	39.4	59.2
254	0.0	0.0	0.0

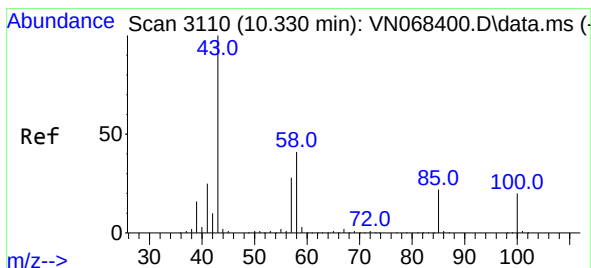
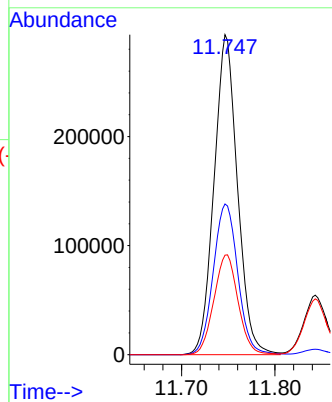
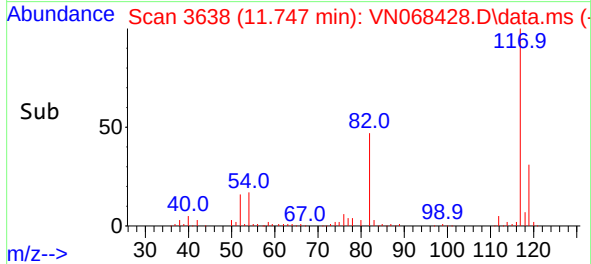




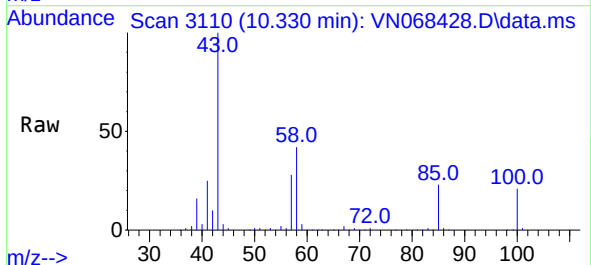
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



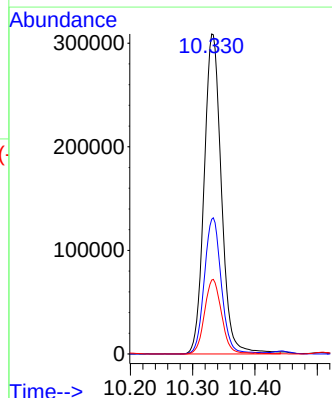
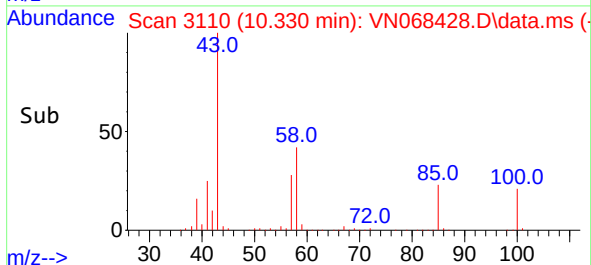
Tgt Ion:117 Resp: 512029
Ion Ratio Lower Upper
117 100
82 49.5 52.5 78.7#
119 32.3 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 99.994 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 43 Resp: 595795
Ion Ratio Lower Upper
43 100
58 41.8 29.0 43.4
85 22.8 13.2 19.8#

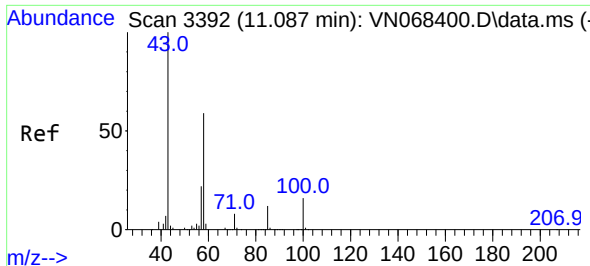


Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

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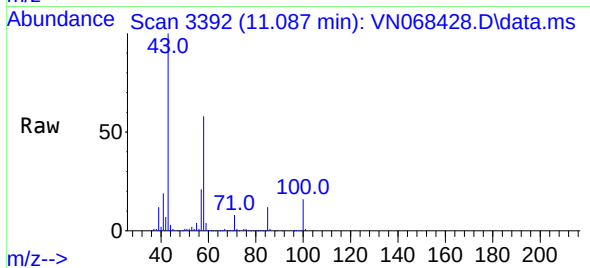
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#59
2-Hexanone
Concen: 105.358 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

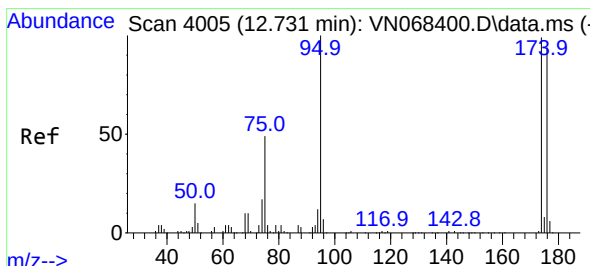
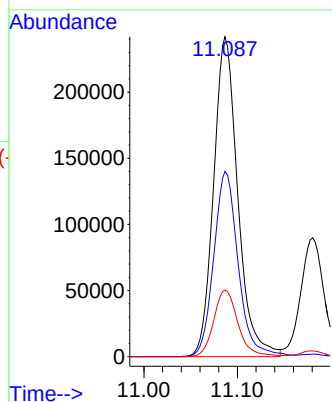


Tgt Ion: 43 Resp: 435648
Ion Ratio Lower Upper
43 100
58 58.5 39.4 59.0
57 20.9 14.4 21.6

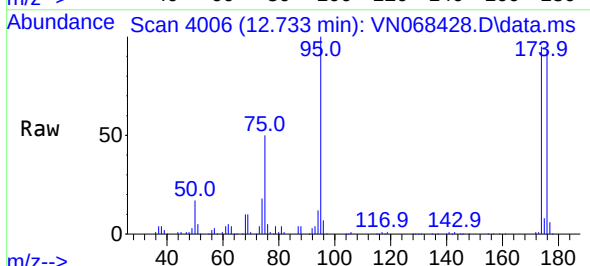
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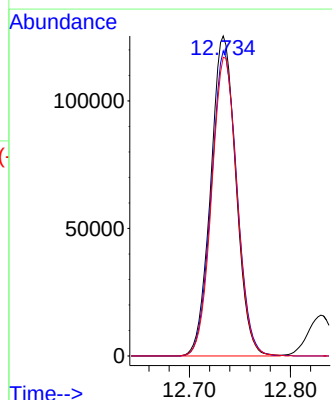
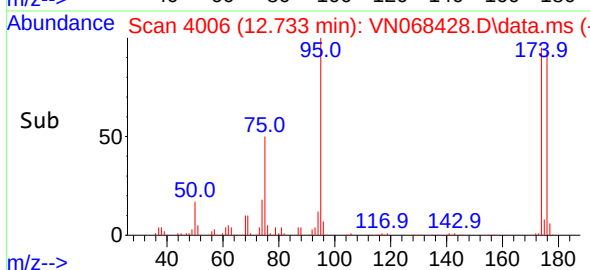
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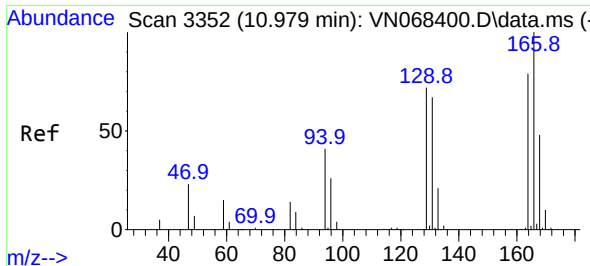


#60
4-Bromofluorobenzene
Concen: 30.023 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 95 Resp: 217694
Ion Ratio Lower Upper
95 100
174 96.6 47.7 71.5#
176 93.6 45.7 68.5#





#61
Tetrachloroethene
Concen: 19.218 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

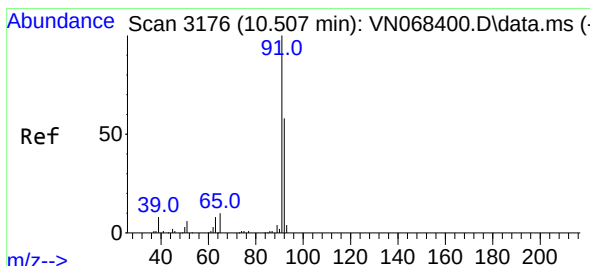
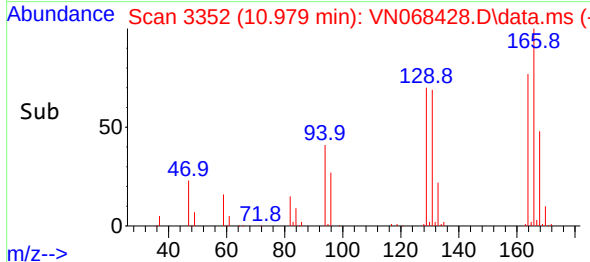
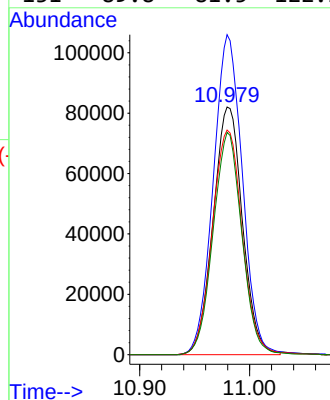
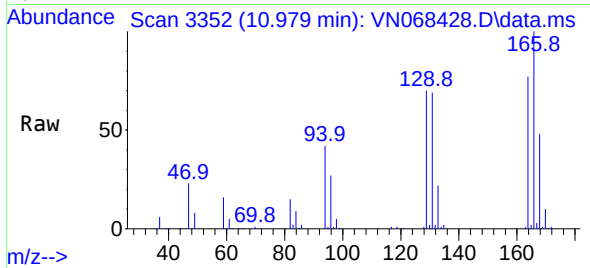
Tgt Ion:164 Resp: 152140
Ion Ratio Lower Upper
164 100
166 129.0 101.0 151.4
129 90.5 85.5 128.3
131 89.8 81.5 122.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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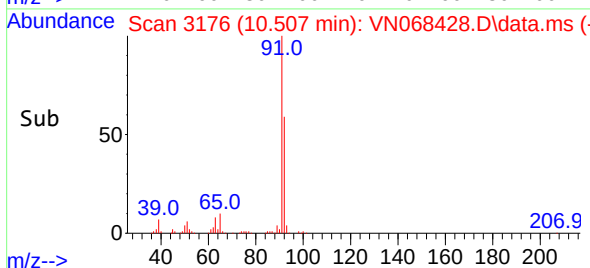
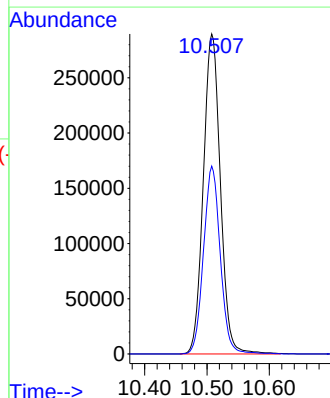
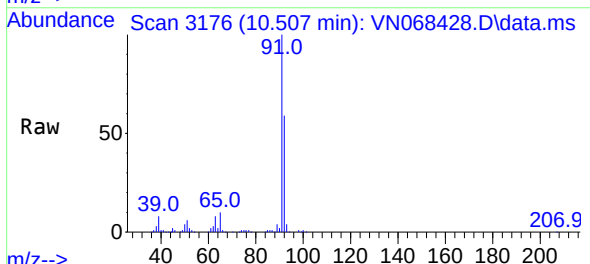
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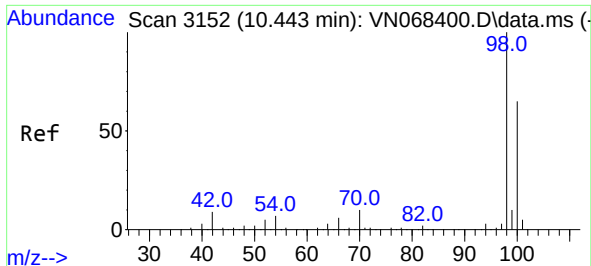
9/10/2021 10:50:49 AM



#62
Toluene
Concen: 19.624 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 91 Resp: 551326
Ion Ratio Lower Upper
91 100
92 57.5 46.1 69.1





#63
Toluene-d8
Concen: 30.210 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

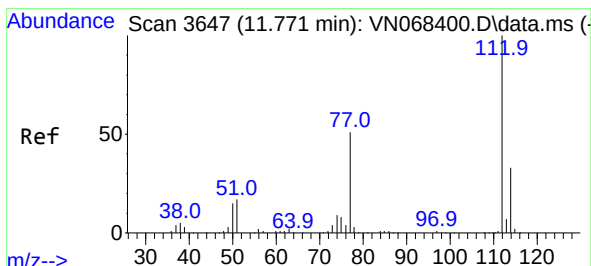
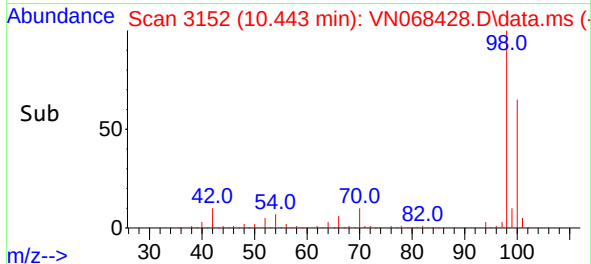
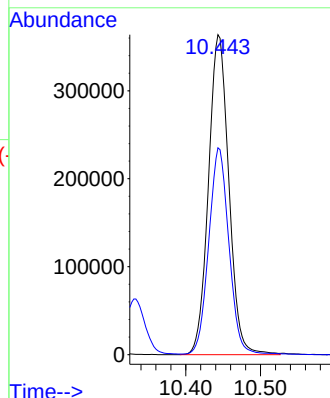
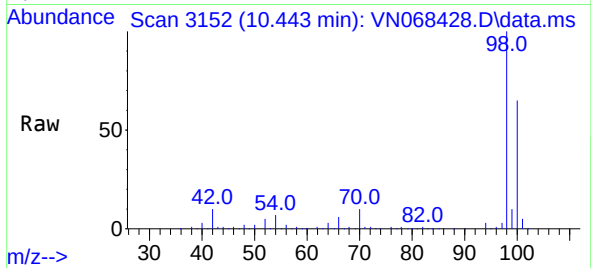
Tgt Ion: 98 Resp: 688843
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

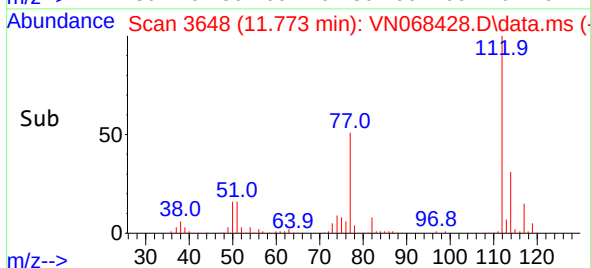
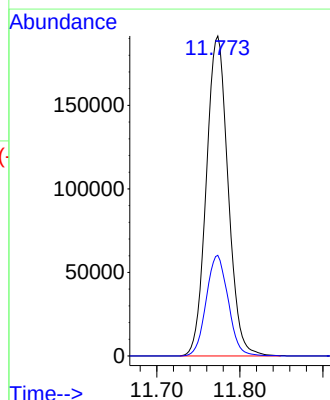
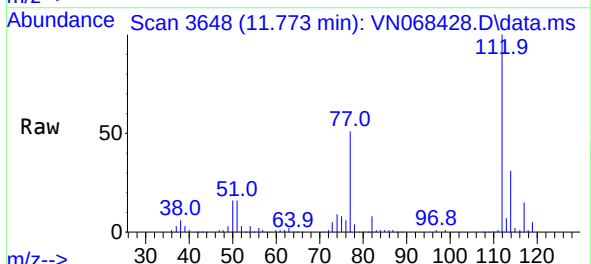
MMDadoda

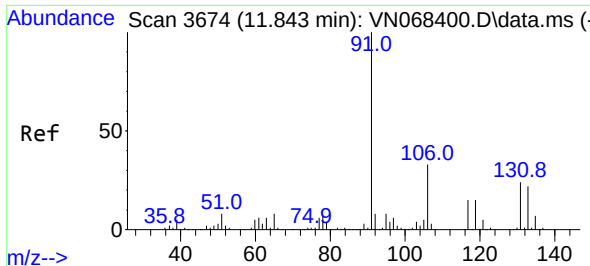
9/10/2021 10:50:49 AM



#64
Chlorobenzene
Concen: 19.249 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 112 Resp: 348650
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.682 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

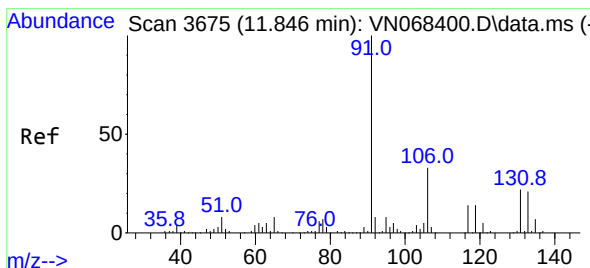
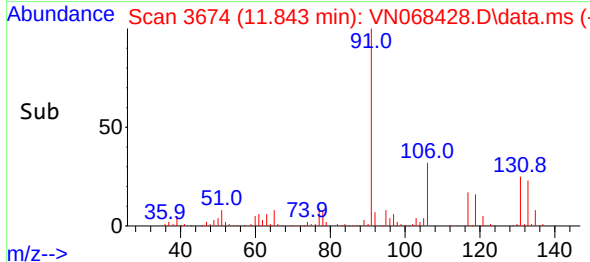
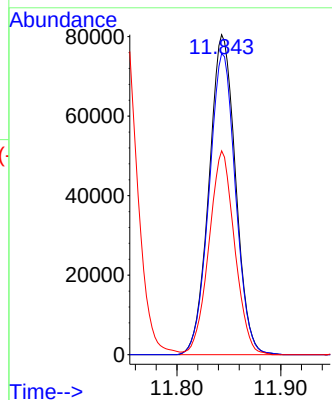
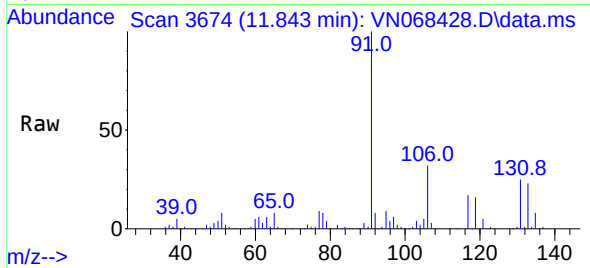
Tgt Ion:131 Resp: 142738
Ion Ratio Lower Upper
131 100
133 94.1 0.0 189.6
119 62.0 0.0 130.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

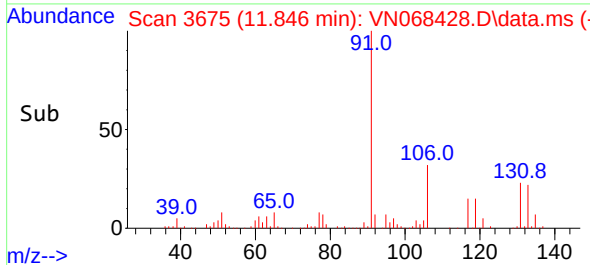
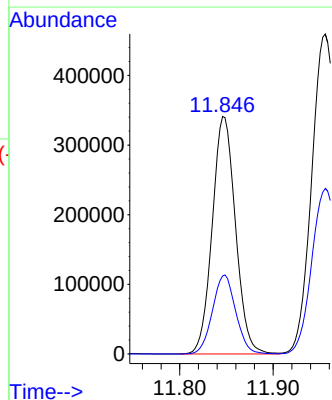
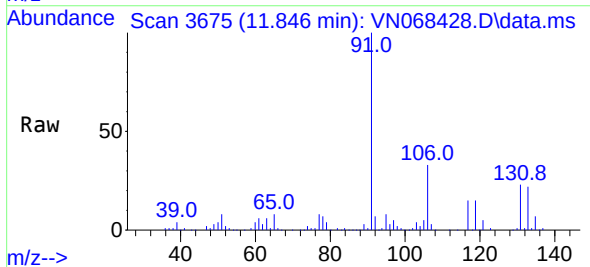
MMDadoda

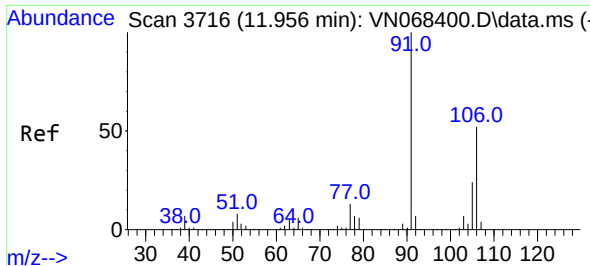
9/10/2021 10:50:49 AM



#66
Ethyl Benzene
Concen: 19.541 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 91 Resp: 590933
Ion Ratio Lower Upper
91 100
106 32.8 23.4 35.0





#67
m/p-Xylenes
Concen: 38.916 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

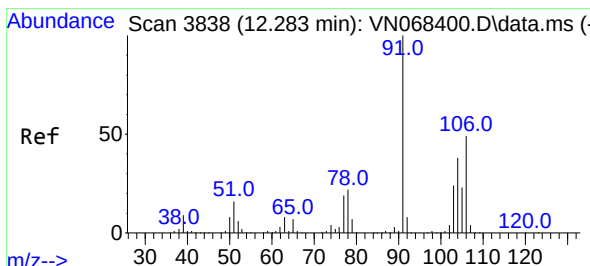
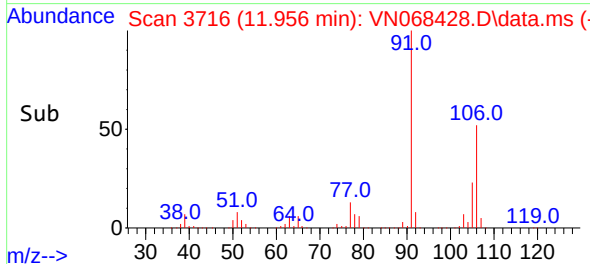
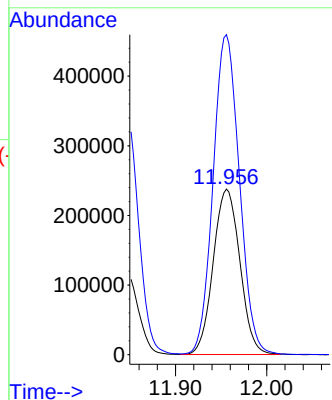
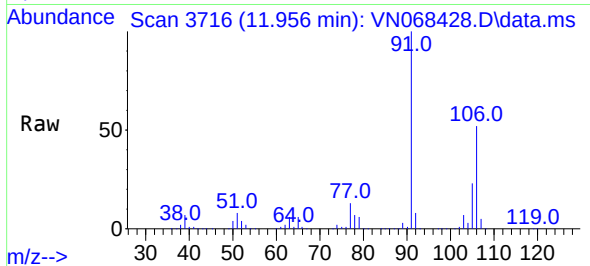
Tgt Ion:106 Resp: 482558
Ion Ratio Lower Upper
106 100
91 191.3 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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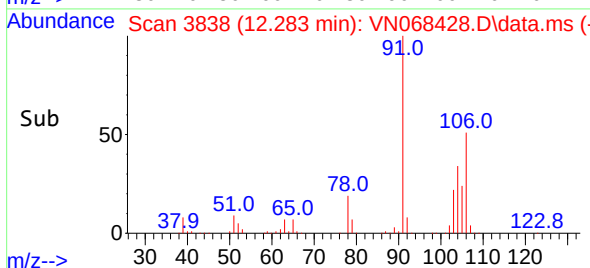
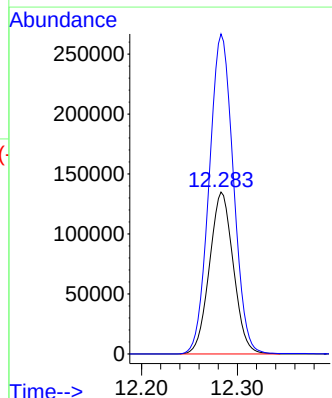
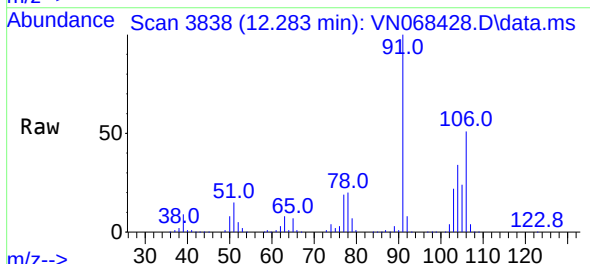
MMDadoda

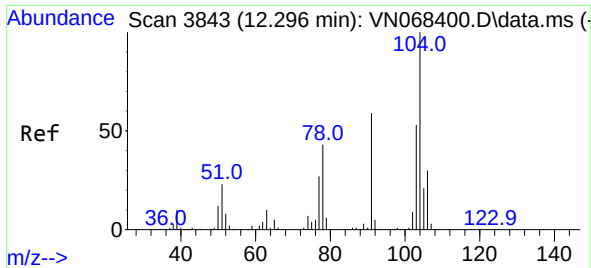
9/10/2021 10:50:49 AM



#68
o-Xylene
Concen: 19.447 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion:106 Resp: 233571
Ion Ratio Lower Upper
106 100
91 200.6 120.0 360.0





#69
Styrene
Concen: 18.621 ug/l m
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

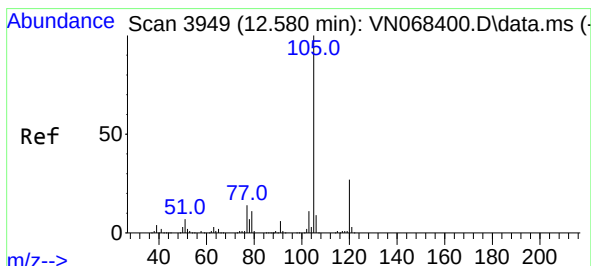
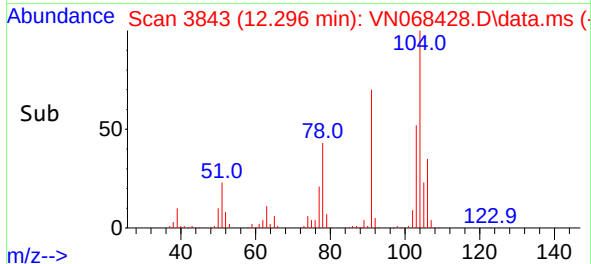
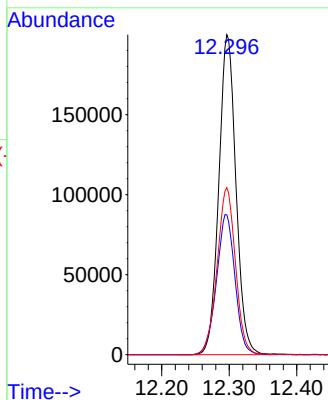
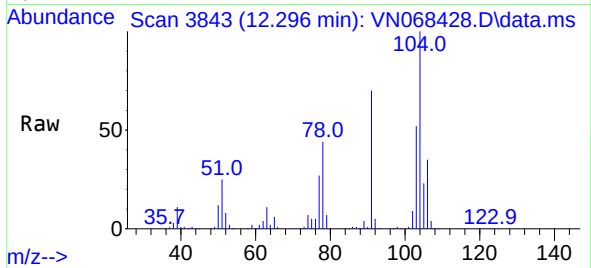
Tgt Ion:104 Resp: 353097
Ion Ratio Lower Upper
104 100
78 0.0 48.2 72.2#
103 0.0 44.5 66.7#

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Manual Integrations
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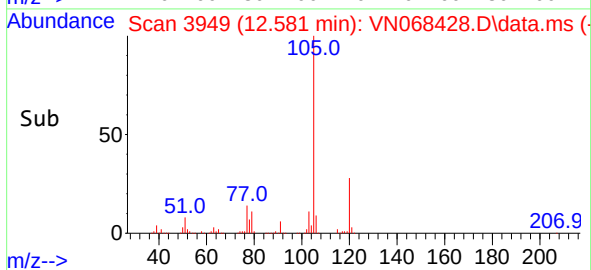
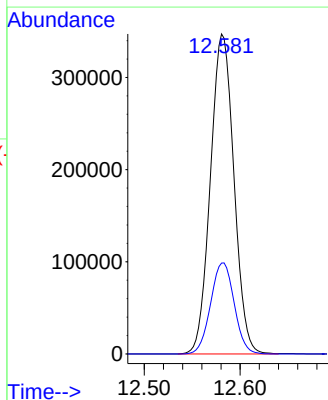
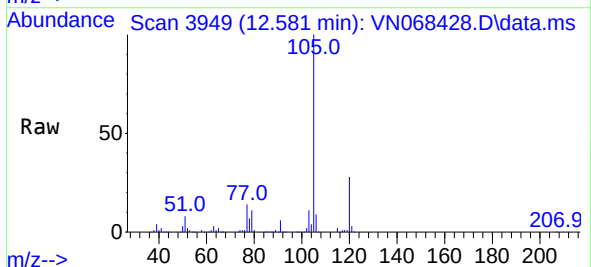
MMDadoda

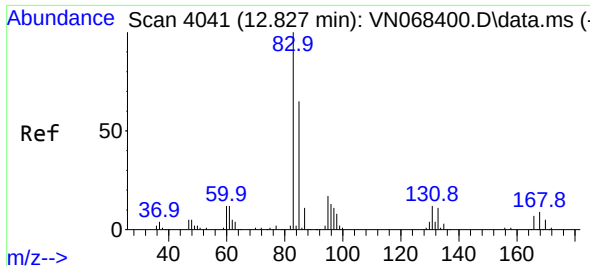
9/10/2021 10:50:49 AM



#70
Isopropylbenzene
Concen: 19.109 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion:105 Resp: 591147
Ion Ratio Lower Upper
105 100
120 28.6 17.6 32.6





#71
1,1,2,2-Tetrachloroethane
Concen: 19.779 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

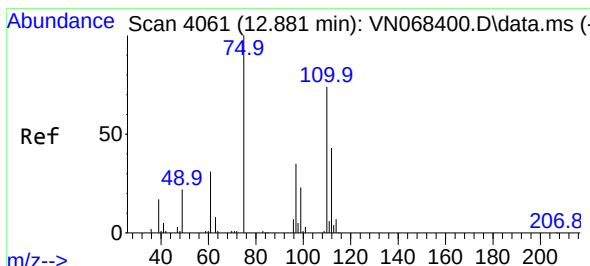
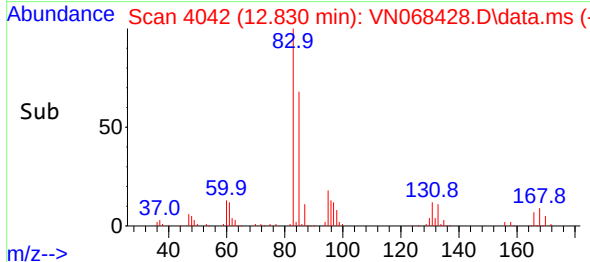
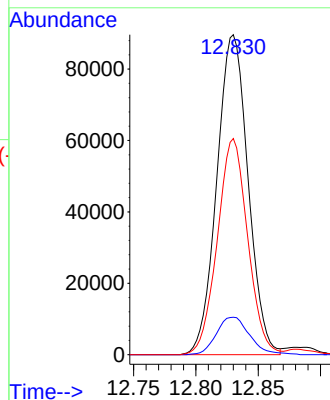
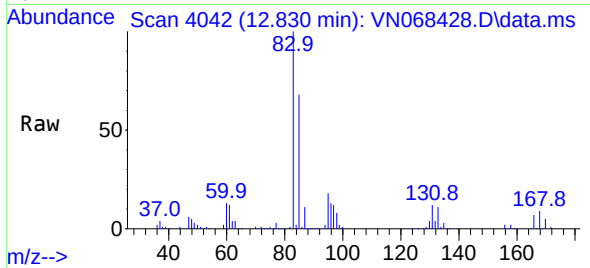
Tgt Ion: 83 Resp: 156480
Ion Ratio Lower Upper
83 100
131 12.5 4.7 14.0
85 65.7 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations
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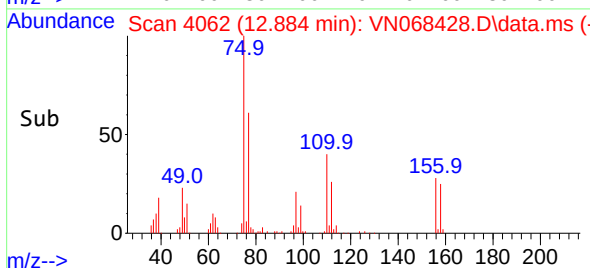
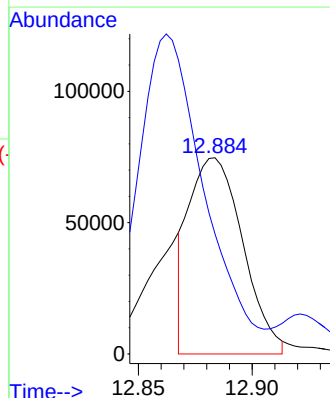
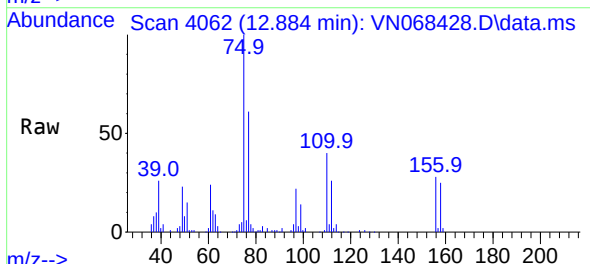
MMDadoda

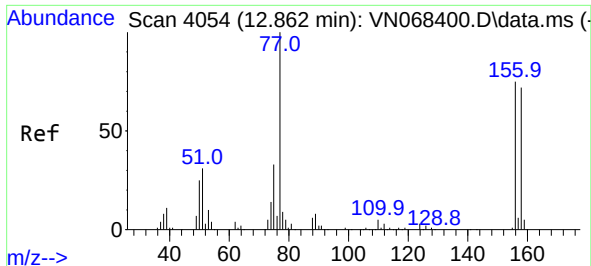
9/10/2021 10:50:49 AM



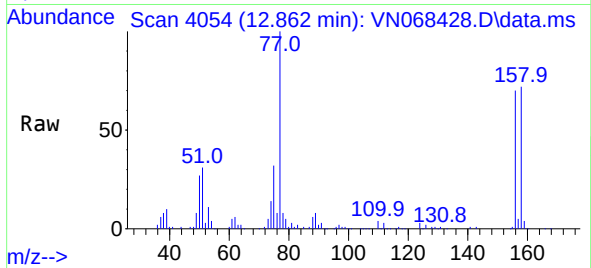
#72
1,2,3-Trichloropropane
Concen: 18.933 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Tgt Ion: 75 Resp: 122792
Ion Ratio Lower Upper
75 100
77 203.0 0.0 374.2

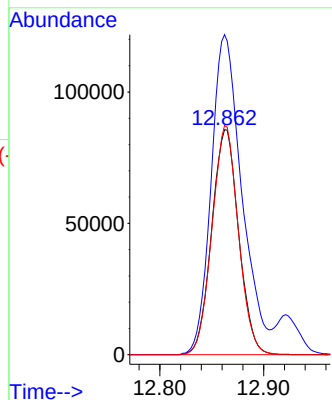




#73
Bromobenzene
Concen: 18.074 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion:156 Resp: 154741
Ion Ratio Lower Upper
156 100
77 161.1 0.0 548.0
158 99.3 0.0 194.0

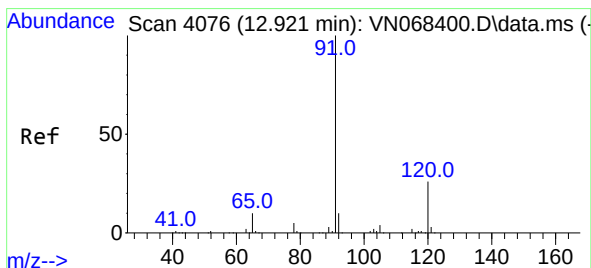


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

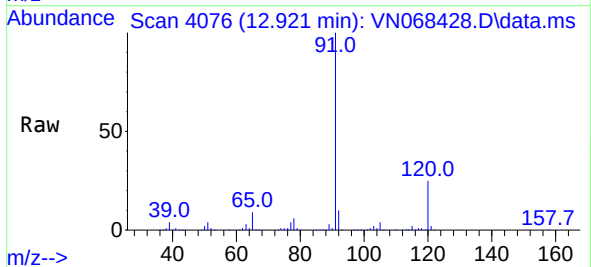
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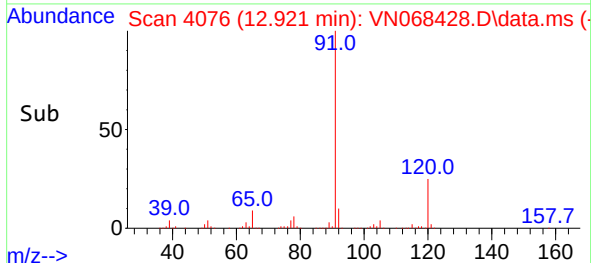
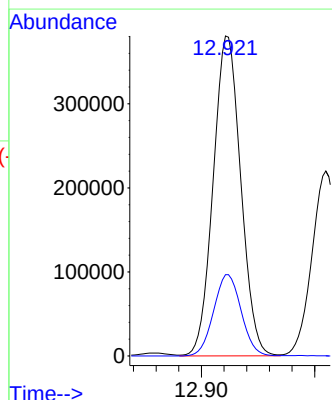
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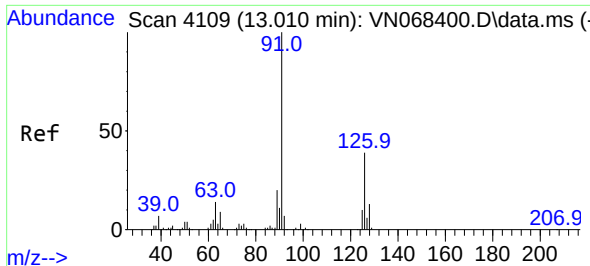


#74
n-propylbenzene
Concen: 19.218 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



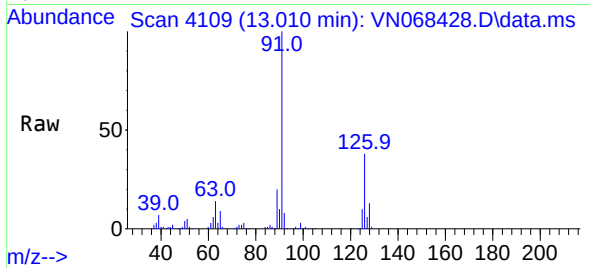
Tgt Ion: 91 Resp: 642188
Ion Ratio Lower Upper
91 100
120 25.4 0.0 41.0





#75
2-Chlorotoluene
Concen: 19.144 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

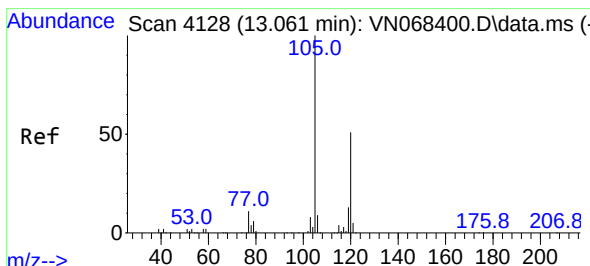
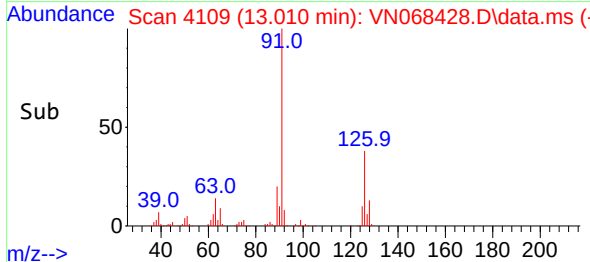
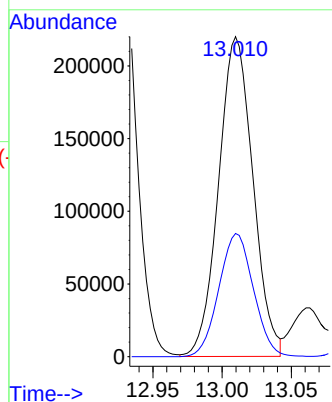


Tgt Ion: 91 Resp: 379633
Ion Ratio Lower Upper
91 100
126 38.8 0.0 0.0#

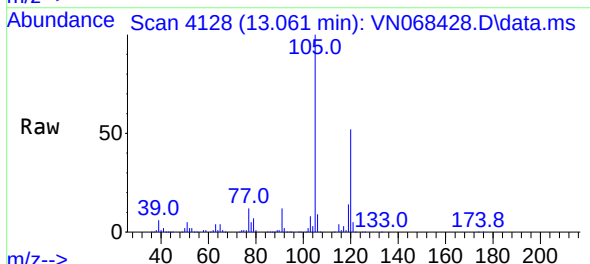
Manual Integrations
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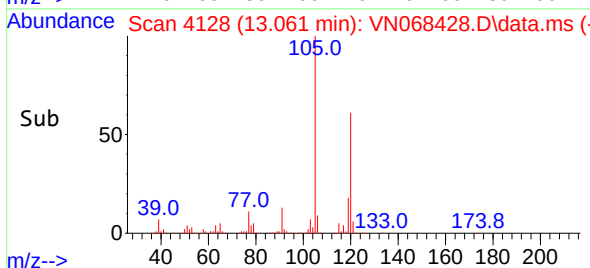
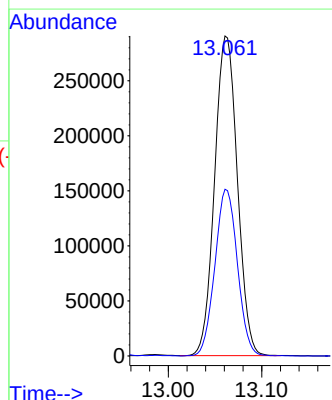
9/10/2021 10:50:49 AM

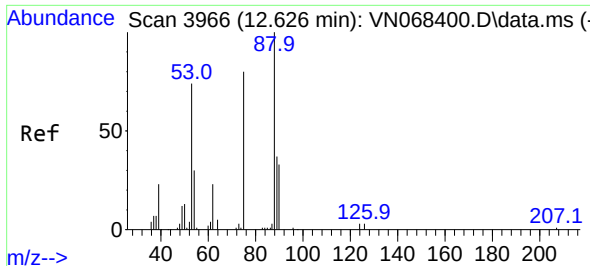


#76
1,3,5-Trimethylbenzene
Concen: 19.253 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



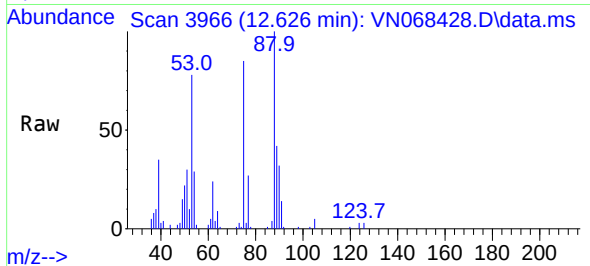
Tgt Ion: 105 Resp: 492772
Ion Ratio Lower Upper
105 100
120 51.6 0.0 90.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.161 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

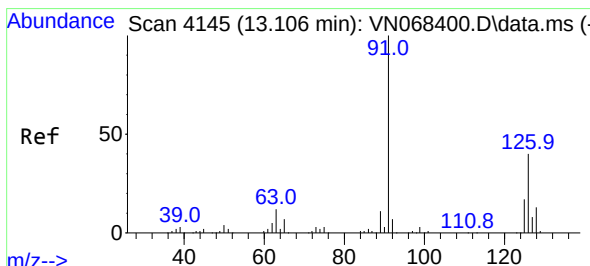
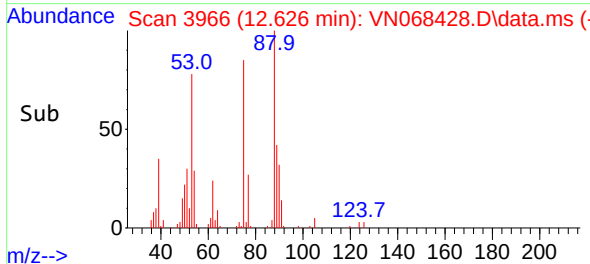
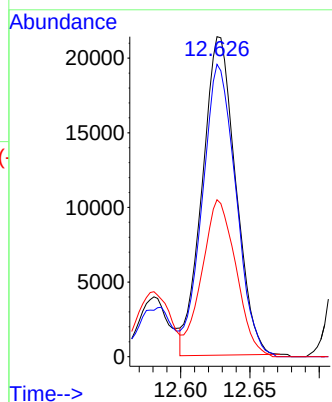


Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.0	55.2	165.6
89	49.4	24.5	73.5

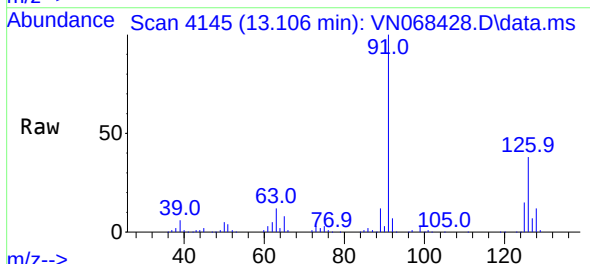
Manual Integrations
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MMDadoda

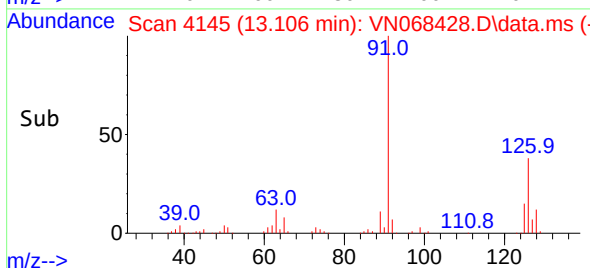
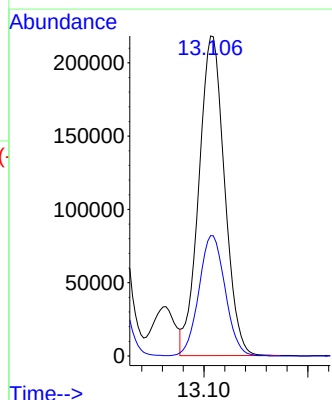
9/10/2021 10:50:49 AM

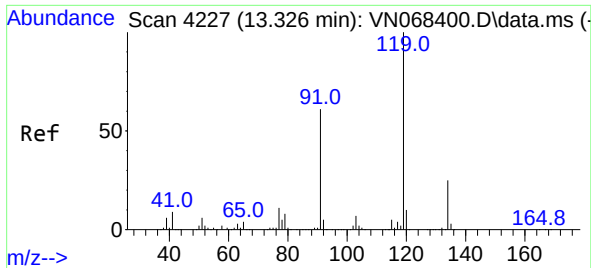


#78
4-Chlorotoluene
Concen: 19.230 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

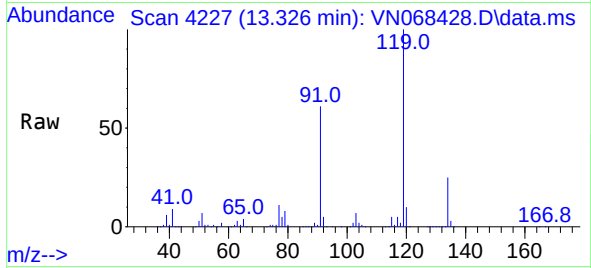


Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.6	0.0	57.6

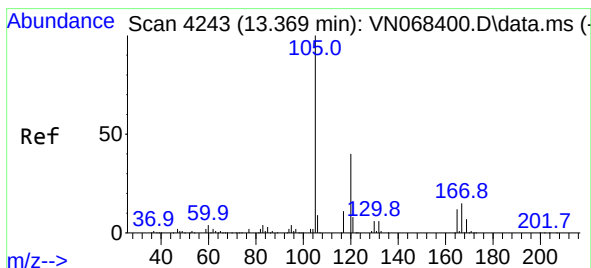
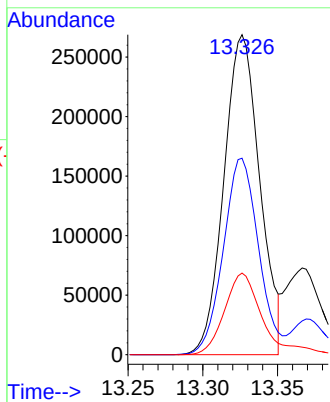
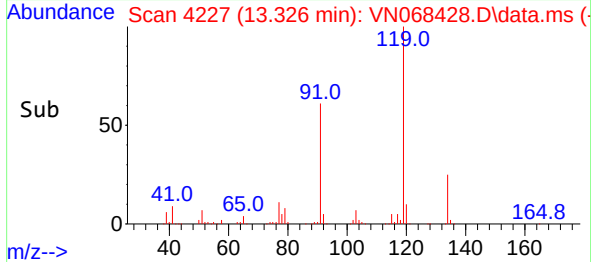




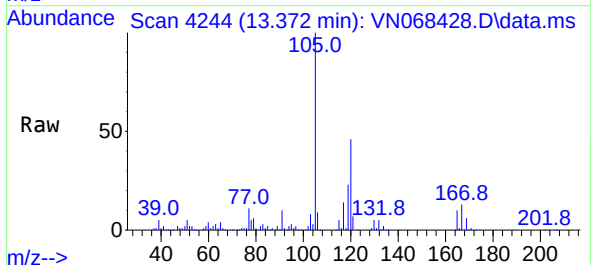
#79
tert-butylbenzene
Concen: 19.196 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068428.D
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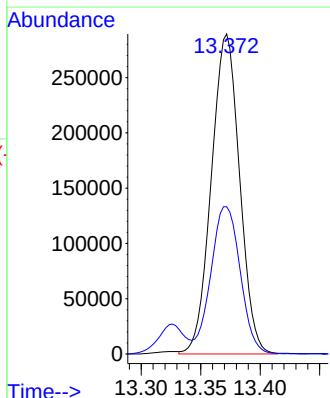
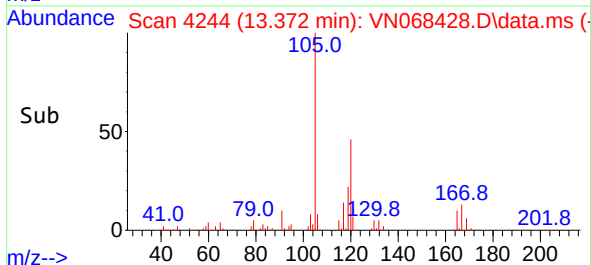
Tgt Ion:119 Resp: 449158
Ion Ratio Lower Upper
119 100
91 60.3 0.0 158.4
134 27.0 0.0 43.6



#80
1,2,4-Trimethylbenzene
Concen: 19.216 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion:105 Resp: 477722
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4

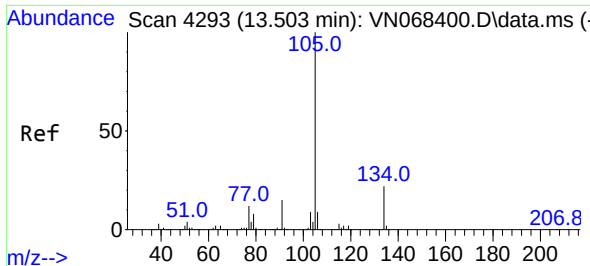


Instrument :
MSVOA_N
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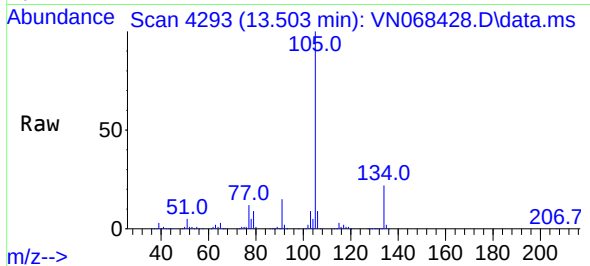
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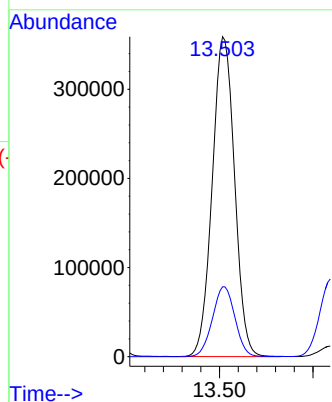


#81
sec-Butylbenzene
Concen: 18.947 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



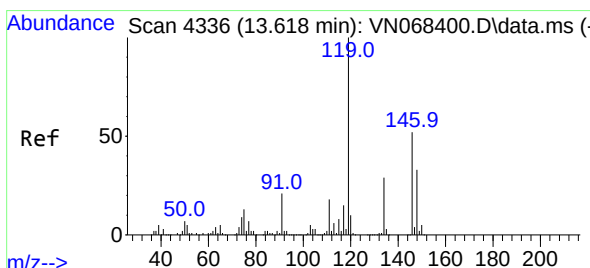
Tgt Ion:105 Resp: 595168
Ion Ratio Lower Upper
105 100
134 22.1 0.0 35.4



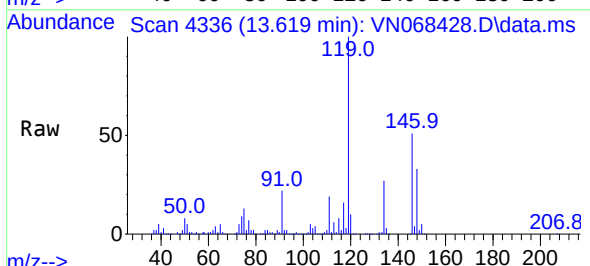
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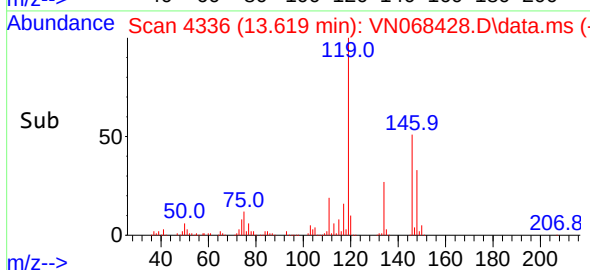
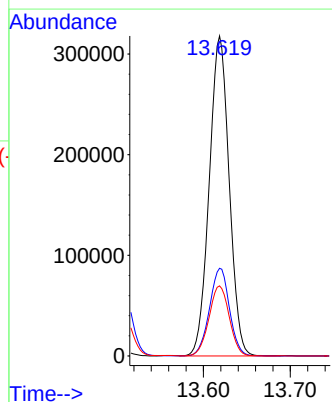
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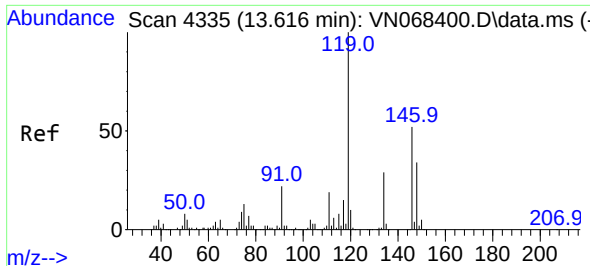


#82
p-Isopropyltoluene
Concen: 18.717 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

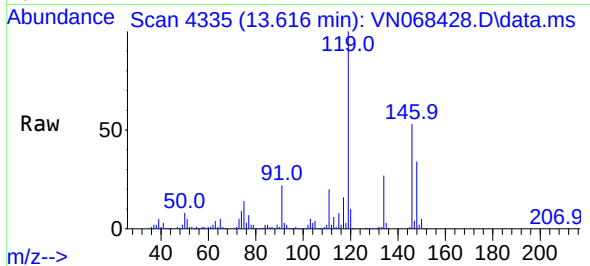


Tgt Ion:119 Resp: 505963
Ion Ratio Lower Upper
119 100
134 27.4 0.0 49.0
91 22.4 0.0 59.6

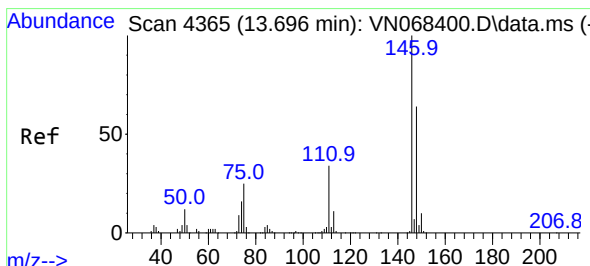
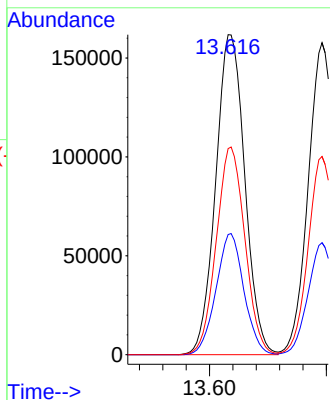
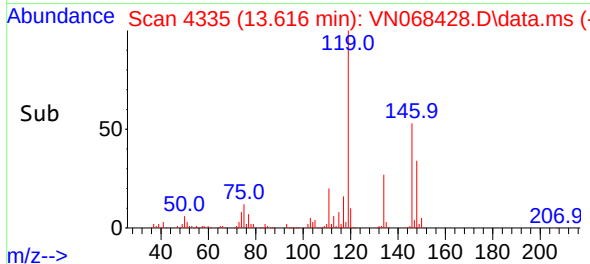




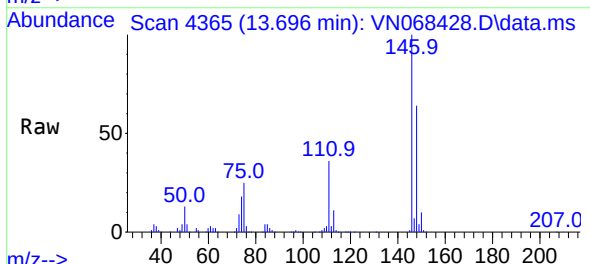
#83
1,3-Dichlorobenzene
Concen: 18.547 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



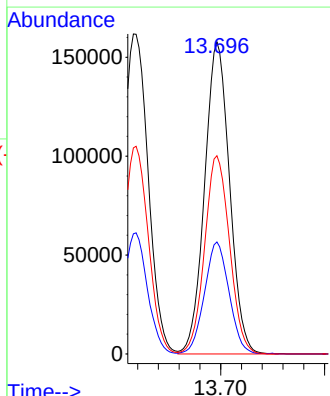
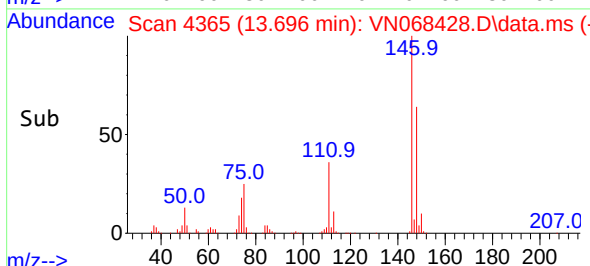
Tgt Ion:146 Resp: 280397
Ion Ratio Lower Upper
146 100
111 36.2 25.0 75.0
148 63.8 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 18.069 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion:146 Resp: 263351
Ion Ratio Lower Upper
146 100
111 35.4 23.6 71.0
148 63.7 31.8 95.3

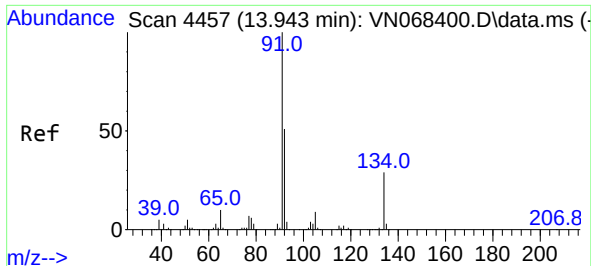


Instrument :
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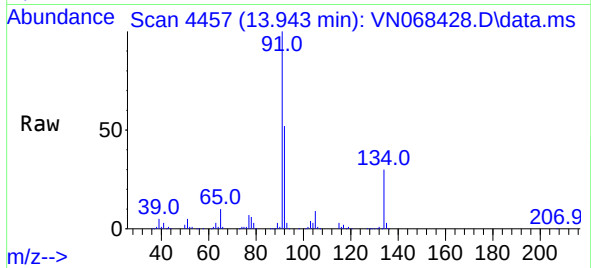
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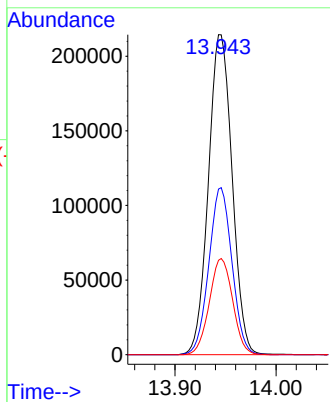
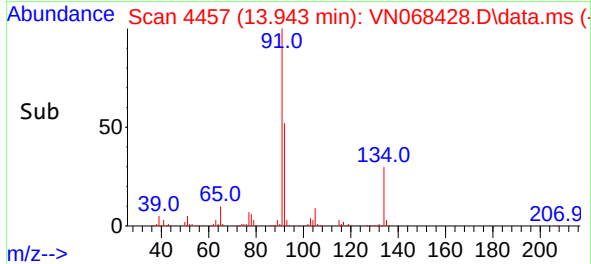
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#85
n-Butylbenzene
Concen: 17.363 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 91 Resp: 349965
Ion Ratio Lower Upper
91 100
92 50.9 0.0 103.0
134 29.6 0.0 43.6

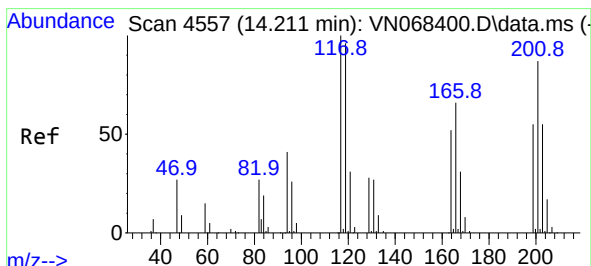


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

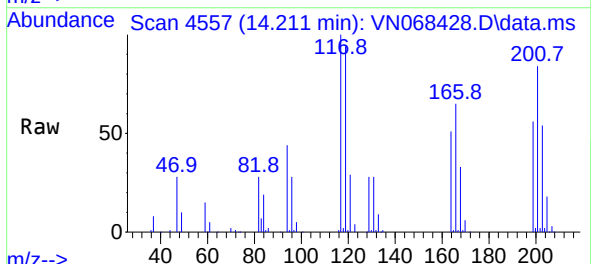
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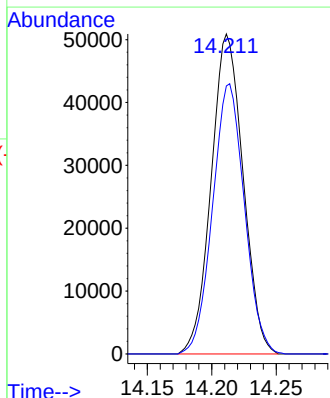
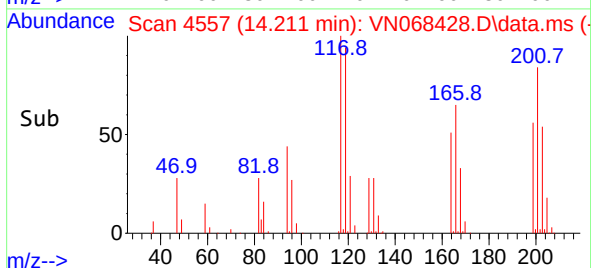
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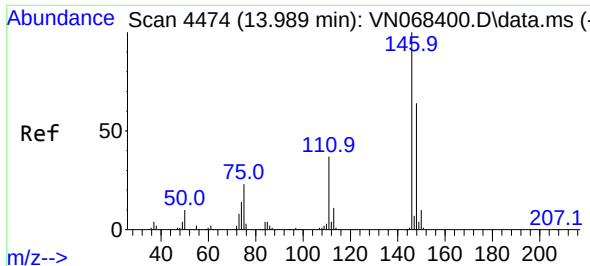


#86
Hexachloroethane
Concen: 19.153 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

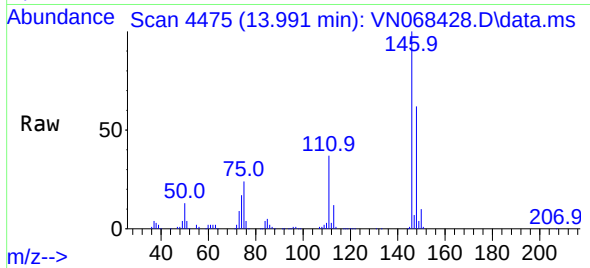


Tgt Ion: 117 Resp: 87581
Ion Ratio Lower Upper
117 100
201 84.1 33.3 99.9

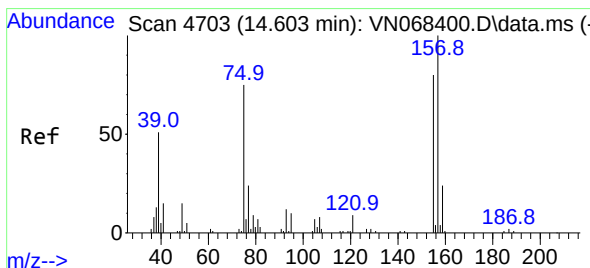
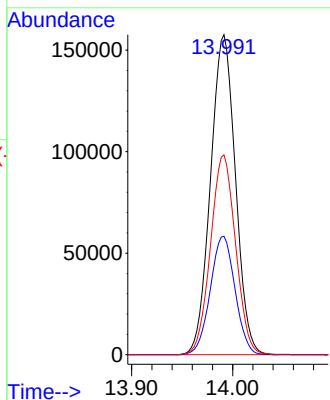
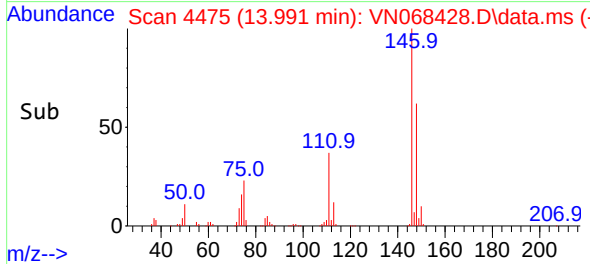




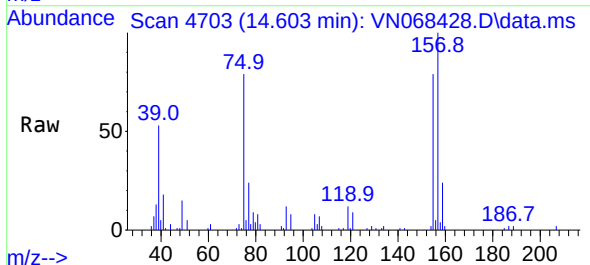
#87
1,2-Dichlorobenzene
Concen: 18.789 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



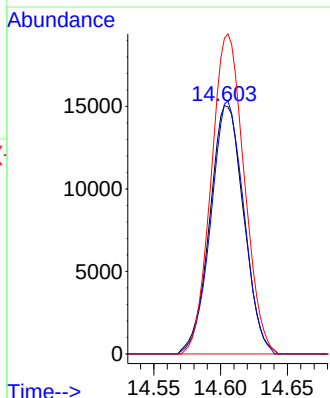
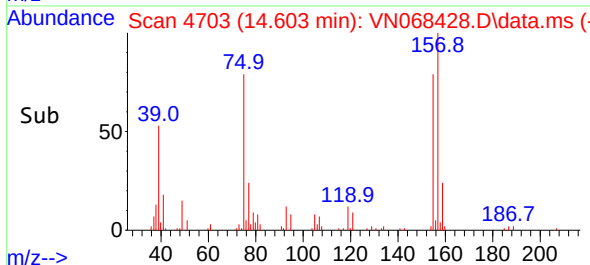
Tgt Ion:146 Resp: 270002
Ion Ratio Lower Upper
146 100
111 36.8 25.0 75.0
148 62.8 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.451 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion: 75 Resp: 26634
Ion Ratio Lower Upper
75 100
155 98.3 45.3 67.9#
157 125.2 58.6 87.8#

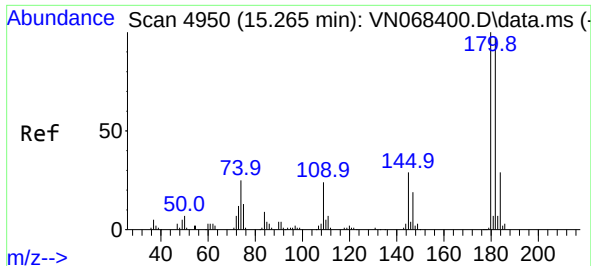


Instrument :
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#89
1,2,4-Trichlorobenzene
Concen: 15.398 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23

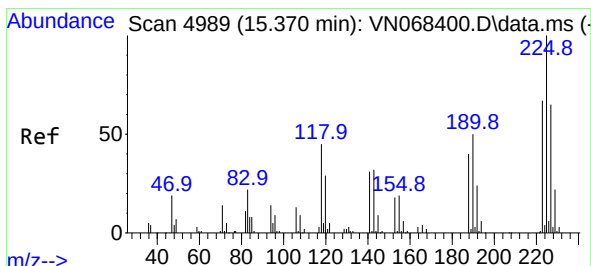
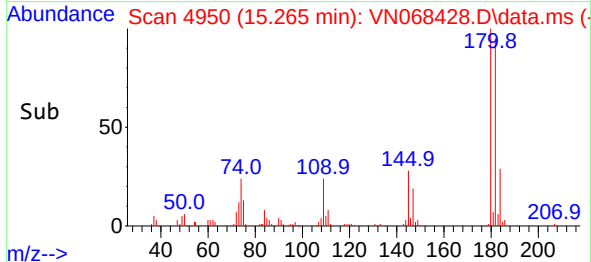
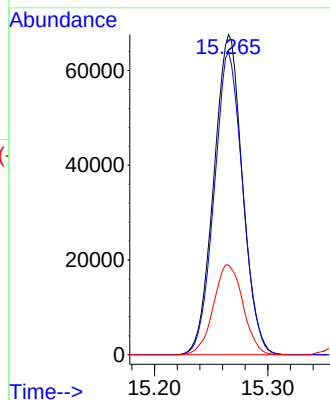
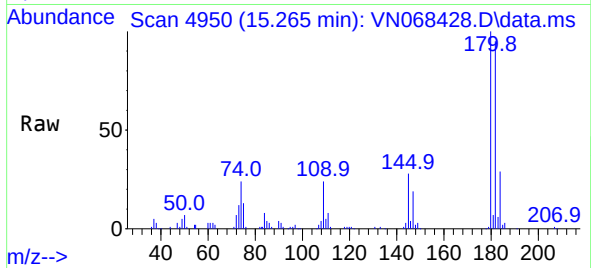
Tgt Ion:	180	Resp:	118857
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.9	113.9
145	28.9	28.8	43.2

Instrument :
MSVOA_N
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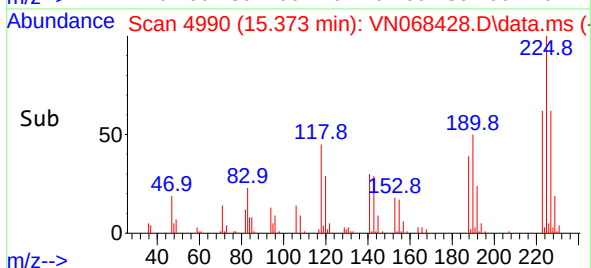
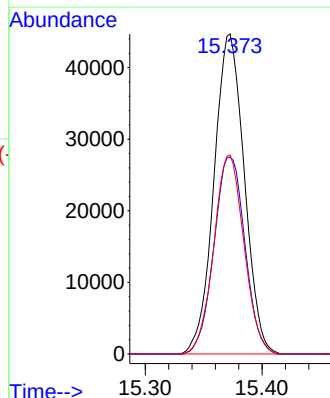
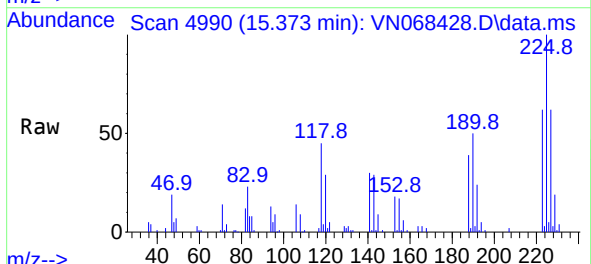
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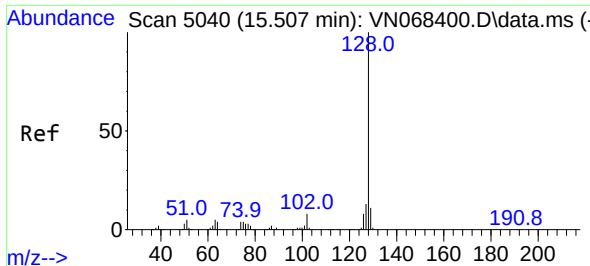
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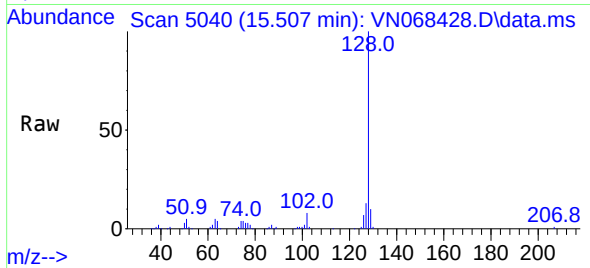
#90
Hexachlorobutadiene
Concen: 17.774 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN068428.D
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Tgt Ion:	225	Resp:	80631
Ion Ratio	Lower	Upper	
225	100		
223	62.8	0.0	129.6
227	62.0	0.0	131.2

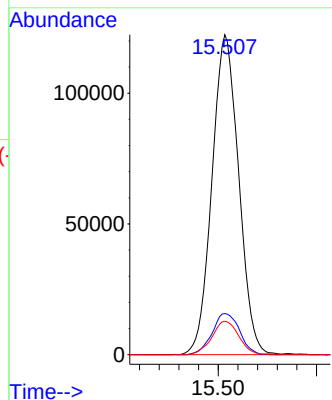




#91
Naphthalene
Concen: 14.149 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion:	128	Resp:	230872
Ion Ratio	100	Lower	Upper
127	13.2	10.1	15.1
129	10.5	8.9	13.3

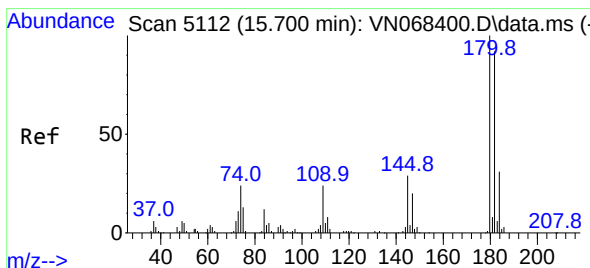


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

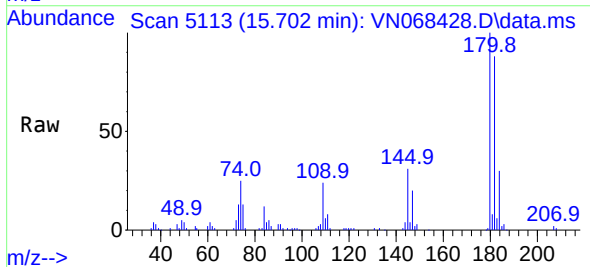
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#92
1,2,3-Trichlorobenzene
Concen: 15.238 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN068428.D
Acq: 8 Sep 2021 9:23



Tgt Ion:	180	Resp:	111876
Ion Ratio	100	Lower	Upper
182	92.1	0.0	184.6
145	31.0	0.0	76.0

