

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100821\
 Data File : VN068856.D
 Acq On : 8 Oct 2021 18:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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10/13/2021 12:38:08 PM

Quant Time: Oct 11 04:55:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	63834	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	345266	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	317307	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	154330	31.37	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	104.57%		
60) 4-Bromofluorobenzene	12.734	95	139151	28.07	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.57%		
63) Toluene-d8	10.443	98	453921	31.65	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	105.50%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	44914	15.87	ug/l	99
3) Chloromethane	2.303	50	65453	18.07	ug/l	99
4) Vinyl Chloride	2.443	62	131858	18.67	ug/l	97
5) Bromomethane	2.861	94	122939	17.93	ug/l	99
6) Chloroethane	3.019	64	114552	19.95	ug/l	97
7) Trichlorofluoromethane	3.376	101	114546	19.44	ug/l	99
8) Diethyl Ether	3.829	74	37644	18.66	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.221	101	64640	18.95	ug/l	98
10) 1,1-Dichloroethene	4.183	96	56341m	17.90	ug/l	
11) Methyl Iodide	4.428	142	78587	20.70	ug/l	98
12) Methyl Acetate	4.859	43	107774	19.83	ug/l	100
13) Acrolein	4.052	56	18008m	78.91	ug/l	
14) Acrylonitrile	5.557	53	168136	96.31	ug/l	98
15) Acetone	4.288	58	43388	89.72	ug/l	93
16) Carbon Disulfide	4.537	76	138058	16.20	ug/l	100
17) Allyl chloride	4.843	41	89680	17.93	ug/l	93
18) Methylene Chloride	5.106	84	79593m	20.13	ug/l	
19) trans-1,2-Dichloroethene	5.605	96	65182	17.52	ug/l	97
20) Diisopropyl ether	6.498	45	216788	18.64	ug/l	97
21) 1,1-Dichloroethane	6.391	63	130232	19.29	ug/l	97
22) cis-1,2-Dichloroethene	7.327	96	81751	18.06	ug/l	98
23) tert-Butyl Alcohol	5.366	59	62076	95.83	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	233471m	18.88	ug/l	
25) Chloroform	7.823	83	155845	19.58	ug/l	98
26) Cyclohexane	8.099	56	97674	16.62	ug/l #	100
29) 1,1-Dichloropropene	8.225	75	100489	18.32	ug/l	96
30) 2-Butanone	7.337	43	235483	95.55	ug/l	99
31) 2,2-Dichloropropane	7.327	77	118925	18.86	ug/l #	79
32) 1,1,1-Trichloroethane	8.016	97	136411	19.40	ug/l	98
33) Carbon Tetrachloride	8.209	117	117920	18.87	ug/l	97
34) Benzene	8.461	78	311011	19.11	ug/l	97
35) Methacrylonitrile	7.635	41	44247	17.92	ug/l	95
36) 1,2-Dichloroethane	8.531	62	123883	20.34	ug/l	99
37) Trichloroethene	9.217	130	80716	18.75	ug/l	94
38) Methylcyclohexane	9.464	83	113490	16.71	ug/l	98
39) 1,2-Dichloropropane	9.491	63	79519	19.72	ug/l	96
40) Dibromomethane	9.580	93	60703	19.07	ug/l	99
41) Bromodichloromethane	9.765	83	120407	19.30	ug/l	98
42) Vinyl Acetate	6.436	43	859574	94.19	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	95103	19.30	ug/l	100
44) Isopropyl Acetate	8.563	43	171509	19.22	ug/l	98
45) 1,4-Dioxane	9.569	88	30314	419.62	ug/l	97
46) Methyl methacrylate	9.561	41	68502	17.36	ug/l	98
47) n-amyl Acetate	12.390	43	123690	16.37	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	116147	17.13	ug/l	96
49) cis-1,3-Dichloropropene	10.191	75	126469	18.24	ug/l	100
50) 1,1,2-Trichloroethane	10.902	97	83977	19.04	ug/l	100
51) Ethyl methacrylate	10.762	69	111686	16.81	ug/l	97
52) 1,3-Dichloropropane	11.047	76	133125	18.65	ug/l	100
53) Dibromochloromethane	11.240	129	91598	18.28	ug/l	99
54) 1,2-Dibromoethane	11.347	107	82862	17.91	ug/l	94
55) 2-Chloroethyl vinyl ether	10.044	63	146438	78.96	ug/l	99
56) Bromoform	12.463	173	59234	16.40	ug/l #	98
58) 4-Methyl-2-Pentanone	10.333	43	528032	98.59	ug/l	99
59) 2-Hexanone	11.087	43	367450	94.19	ug/l	98
61) Tetrachloroethene	10.980	164	72734	19.56	ug/l	97
62) Toluene	10.508	91	360696	19.01	ug/l	99
64) Chlorobenzene	11.773	112	214449	18.42	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	85775	19.00	ug/l	99
66) Ethyl Benzene	11.846	91	383476	17.94	ug/l	99
67) m/p-Xylenes	11.956	106	290255	35.16	ug/l	98
68) o-Xylene	12.283	106	142679	17.56	ug/l	99
69) Styrene	12.296	104	228378	17.03	ug/l	98
70) Isopropylbenzene	12.583	105	377541	17.52	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	122454	20.17	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	97693m	19.86	ug/l	
73) Bromobenzene	12.862	156	85060	17.44	ug/l	98
74) n-propylbenzene	12.924	91	428998	17.37	ug/l	100
75) 2-Chlorotoluene	13.010	91	255087	17.69	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	313594	17.62	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	30934	16.12	ug/l	91
78) 4-Chlorotoluene	13.109	91	243259	17.03	ug/l	100
79) tert-butylbenzene	13.326	119	269018	17.32	ug/l	99
80) 1,2,4-Trimethylbenzene	13.372	105	306272m	17.36	ug/l	
81) sec-Butylbenzene	13.503	105	382645	17.18	ug/l	99
82) p-Isopropyltoluene	13.619	119	302489	16.40	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	150568	16.64	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	146339	17.00	ug/l	99
85) n-Butylbenzene	13.946	91	238841	15.74	ug/l	97
86) Hexachloroethane	14.214	117	62218	17.92	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	153642	18.36	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.606	75	20346	18.74	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	61746	15.02	ug/l	96
90) Hexachlorobutadiene	15.373	225	36615	17.87	ug/l	99
91) Naphthalene	15.509	128	154744	13.34	ug/l	98
92) 1,2,3-Trichlorobenzene	15.703	180	61709	15.66	ug/l	98

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

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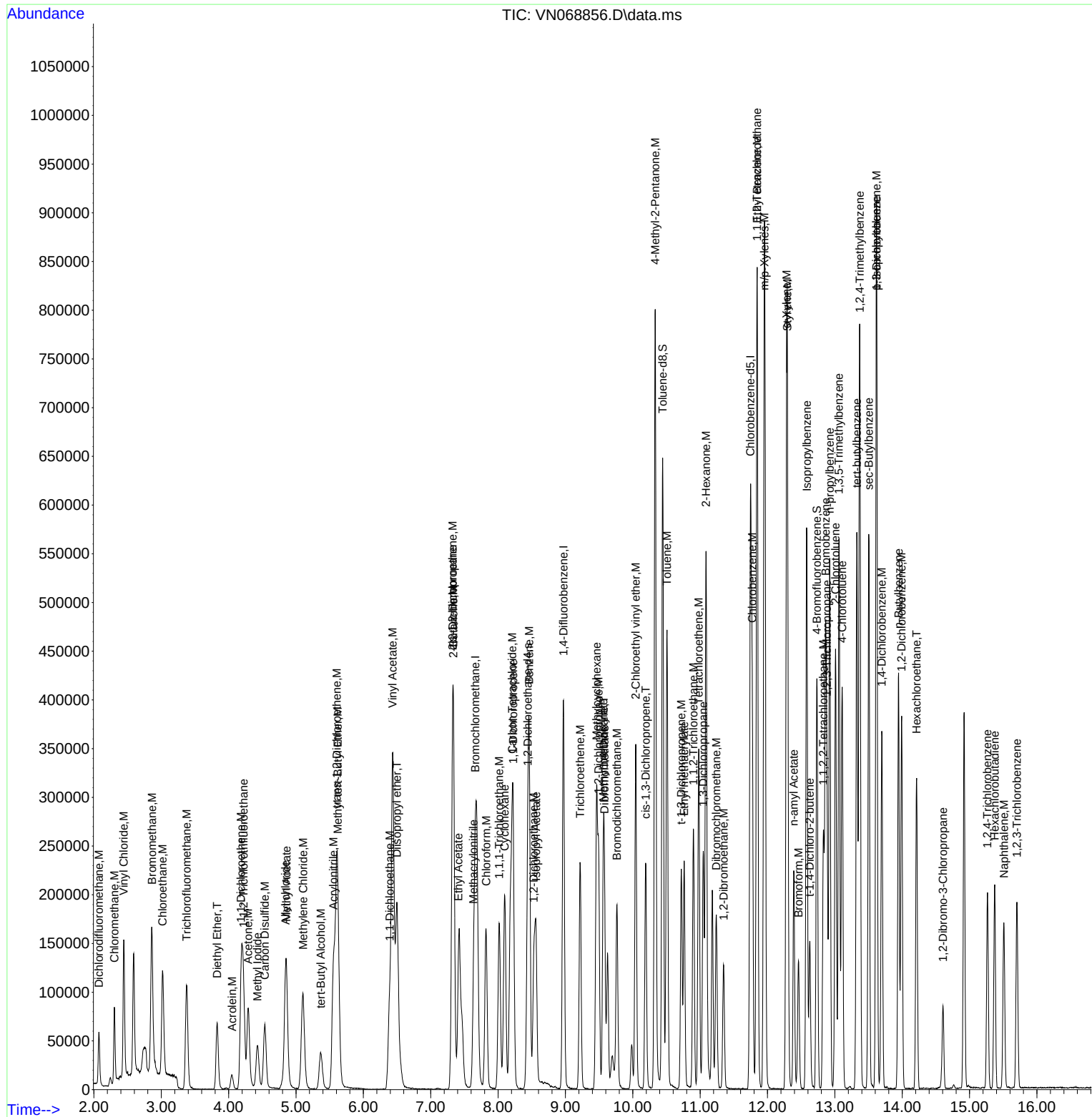
Instrument :
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 ClientSampleId :
 VSTDCCC020EC

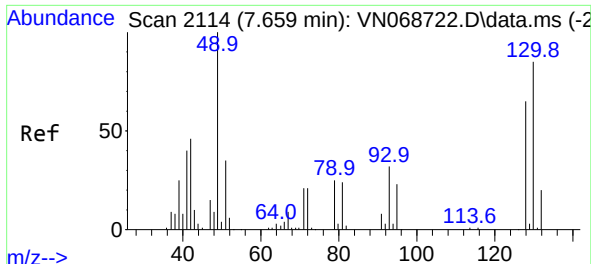
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#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

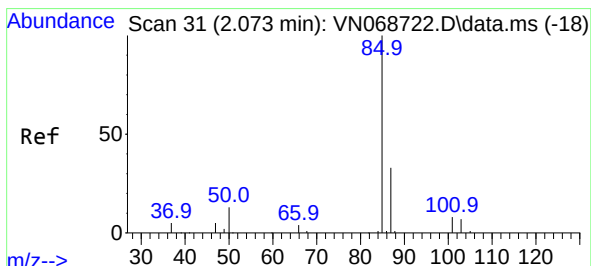
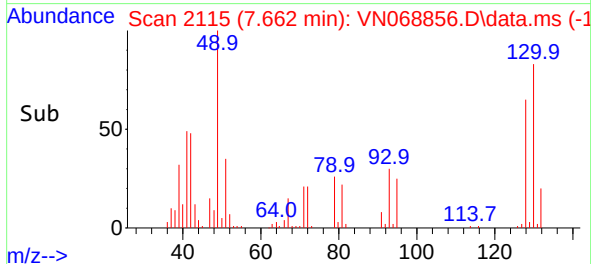
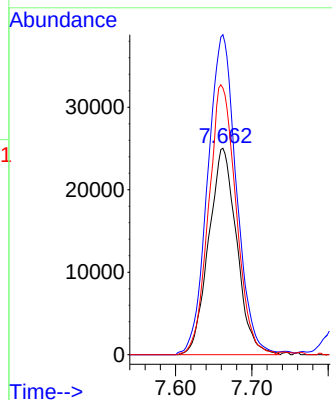
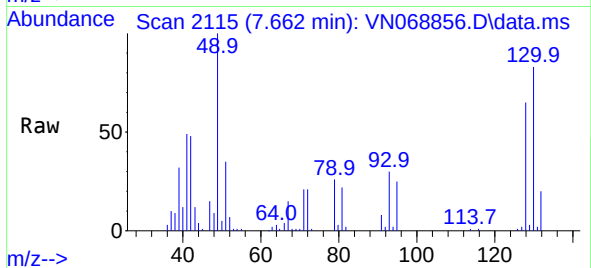
Tgt Ion:128 Resp: 63834
Ion Ratio Lower Upper
128 100
49 158.5 0.0 392.3
130 128.3 0.0 320.2

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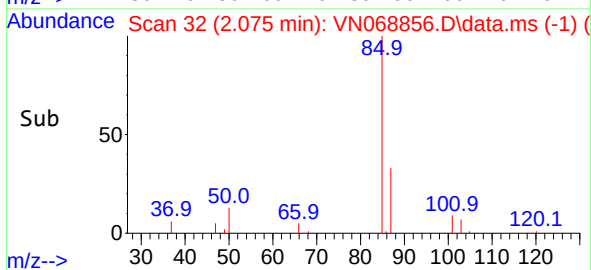
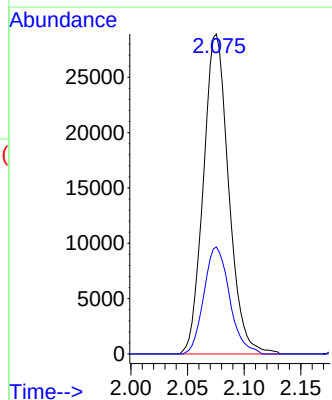
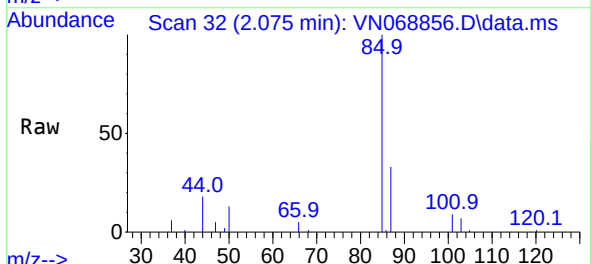
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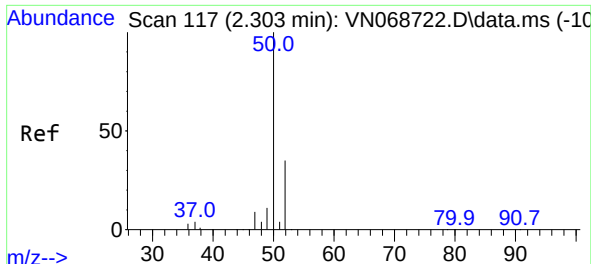
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#2
Dichlorodifluoromethane
Concen: 15.87 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 85 Resp: 44914
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.7





#3
Chloromethane
Concen: 18.07 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

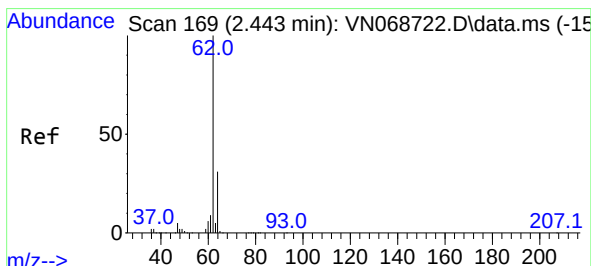
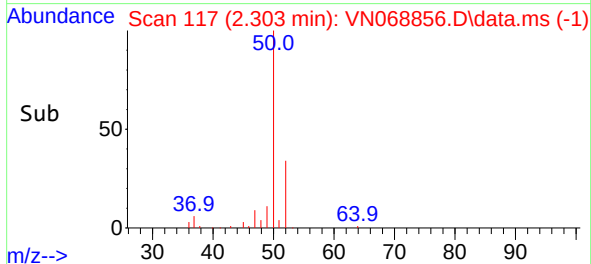
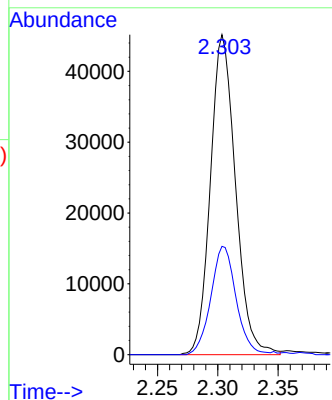
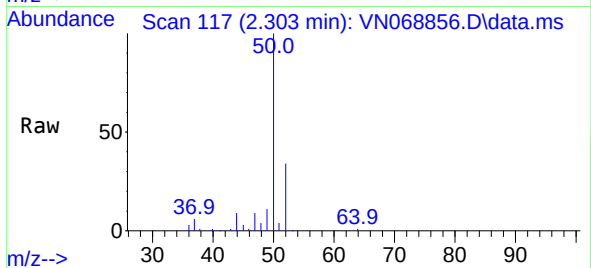
Tgt Ion: 50 Resp: 65453
Ion Ratio Lower Upper
50 100
52 33.9 27.8 41.6

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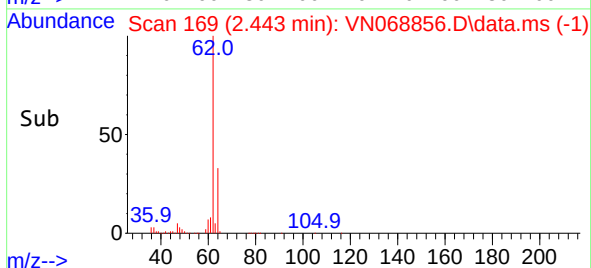
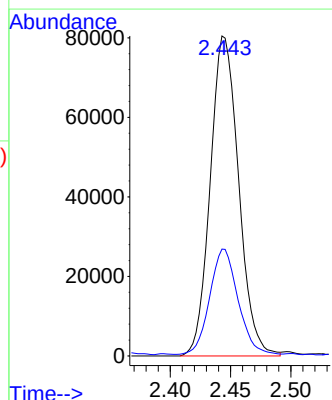
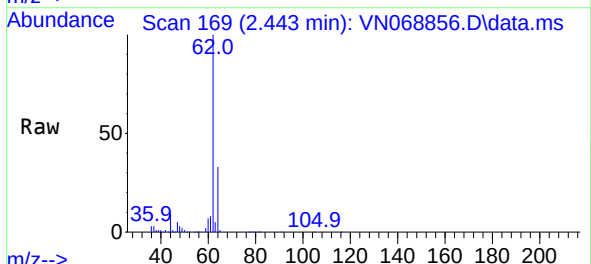
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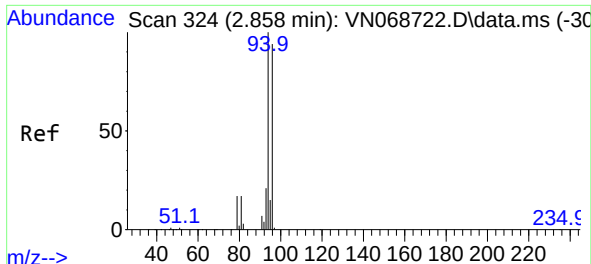
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#4
Vinyl Chloride
Concen: 18.67 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 62 Resp: 131858
Ion Ratio Lower Upper
62 100
64 32.9 25.1 37.7





#5
Bromomethane
Concen: 17.93 ug/l
RT: 2.861 min Scan# 325
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

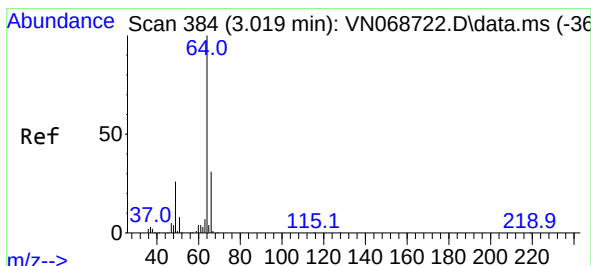
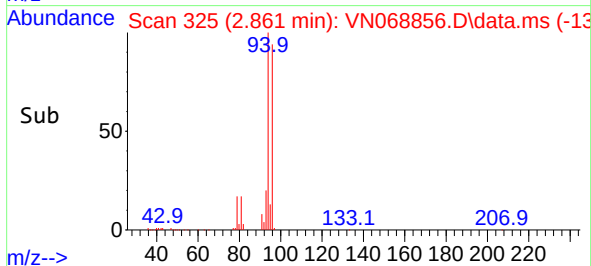
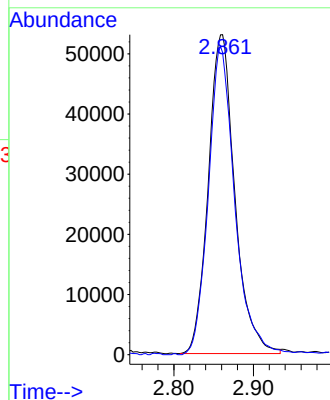
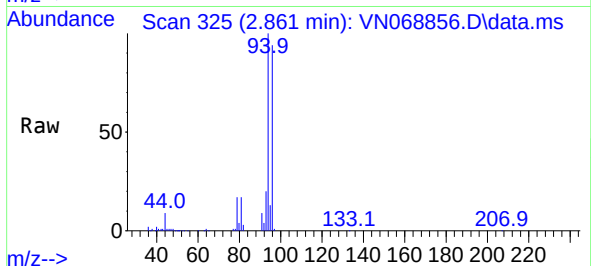
Tgt Ion: 94 Resp: 122939
Ion Ratio Lower Upper
94 100
96 94.8 75.2 112.8

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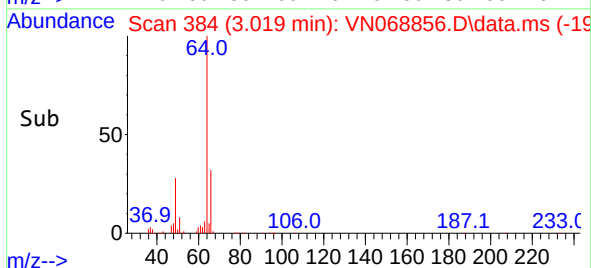
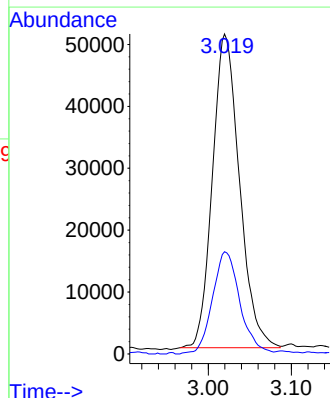
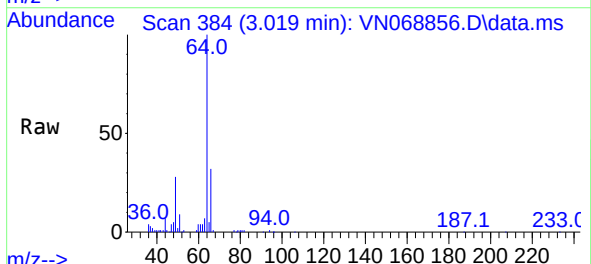
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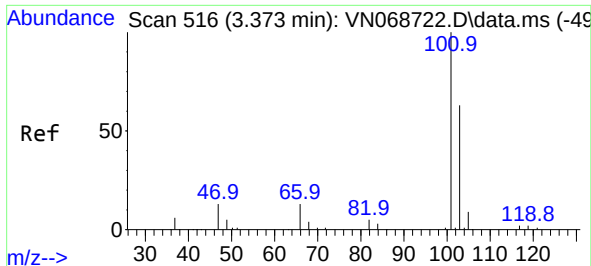
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#6
Chloroethane
Concen: 19.95 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 64 Resp: 114552
Ion Ratio Lower Upper
64 100
66 32.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.44 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

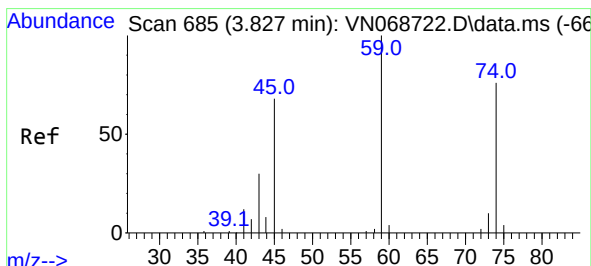
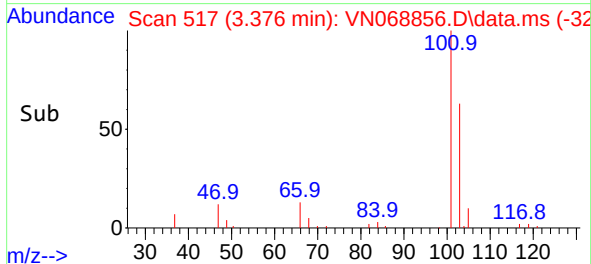
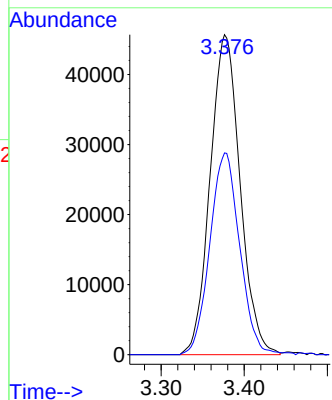
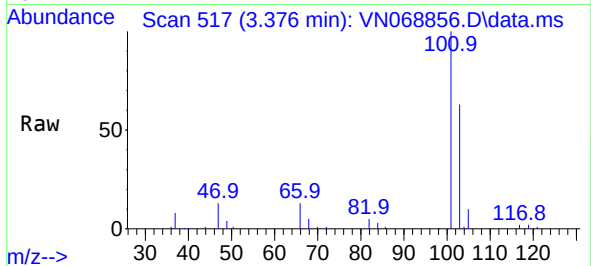
Tgt Ion:101 Resp: 114546
Ion Ratio Lower Upper
101 100
103 63.0 50.1 75.1

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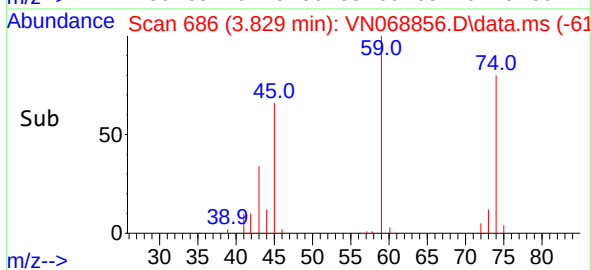
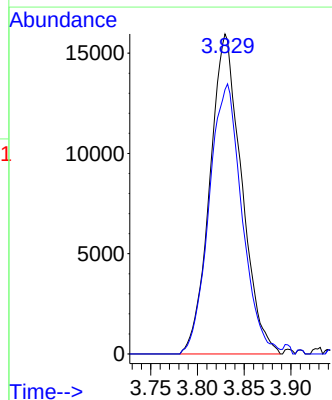
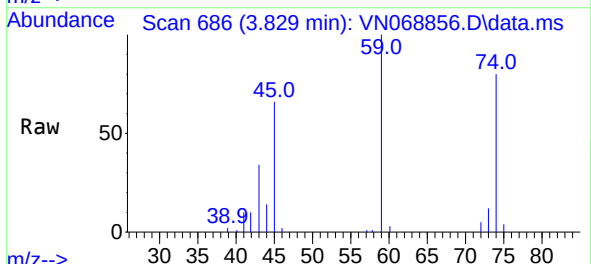
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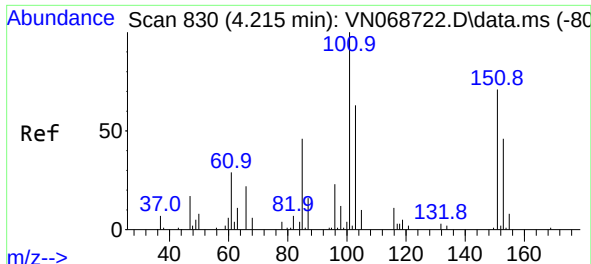
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#8
Diethyl Ether
Concen: 18.66 ug/l
RT: 3.829 min Scan# 686
Delta R.T. 0.002 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 74 Resp: 37644
Ion Ratio Lower Upper
74 100
45 87.4 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.95 ug/l
RT: 4.221 min Scan# 832
Delta R.T. 0.006 min
Lab File: VN068856.D
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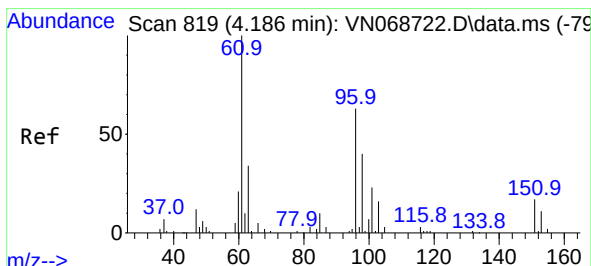
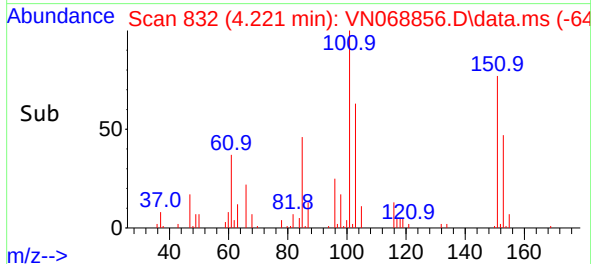
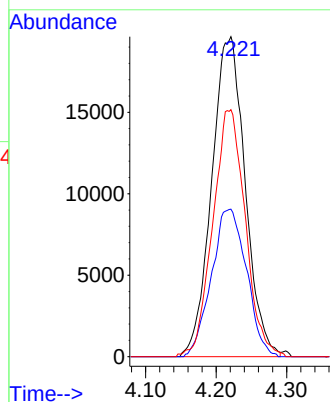
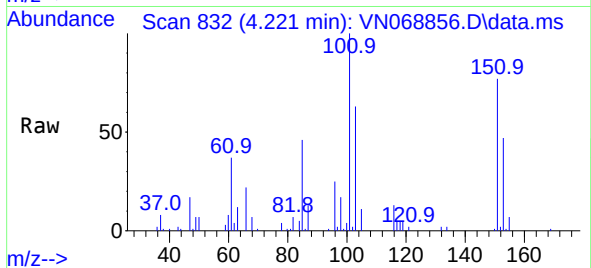
Tgt Ion:101 Resp: 64640
Ion Ratio Lower Upper
101 100
85 48.4 0.0 94.0
151 38.0 0.0 74.6

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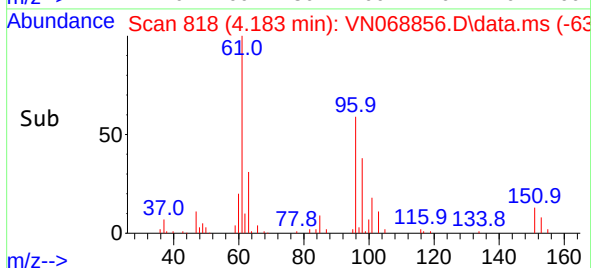
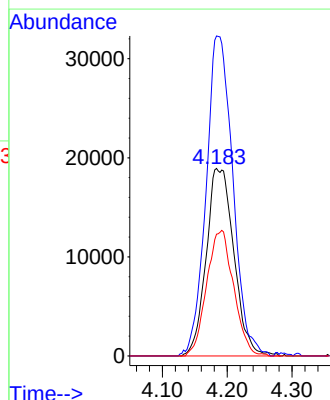
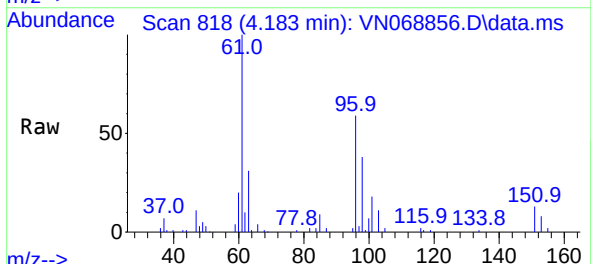
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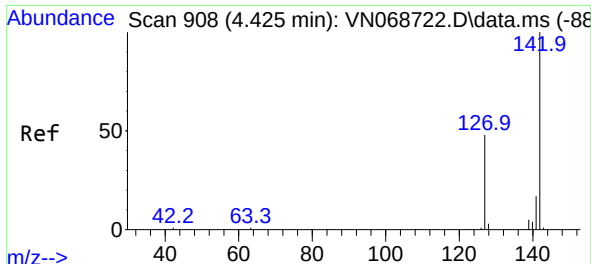
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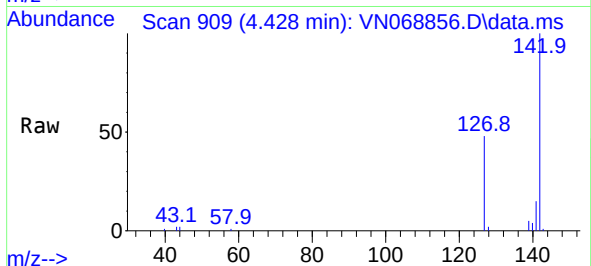
#10
1,1-Dichloroethene
Concen: 17.90 ug/l m
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 96 Resp: 56341
Ion Ratio Lower Upper
96 100
61 170.7 126.2 189.4
98 64.9 50.9 76.3

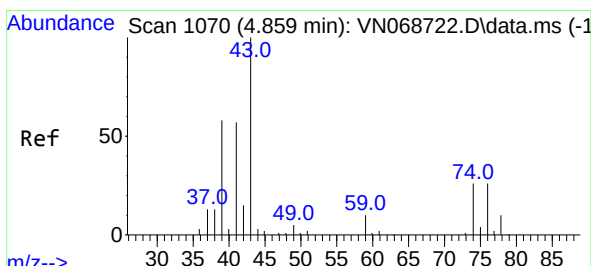
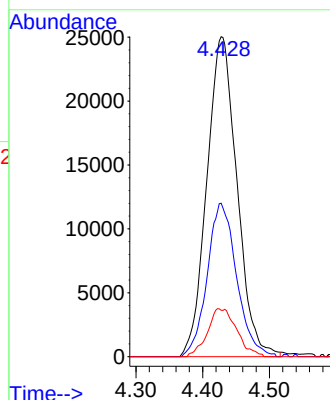
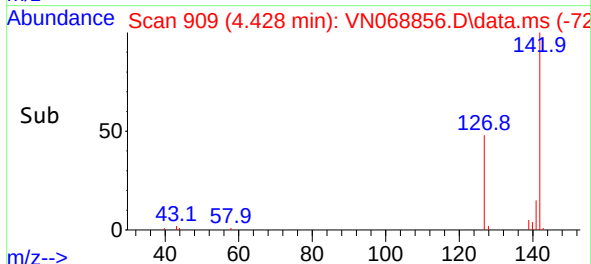




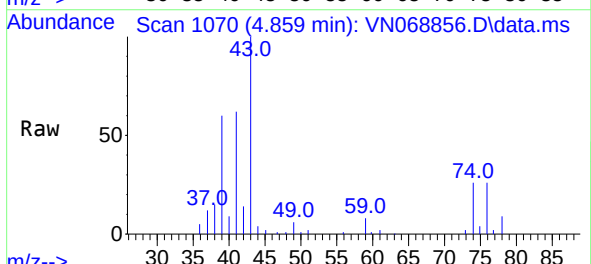
#11
Methyl Iodide
Concen: 20.70 ug/l
RT: 4.428 min Scan# 909
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



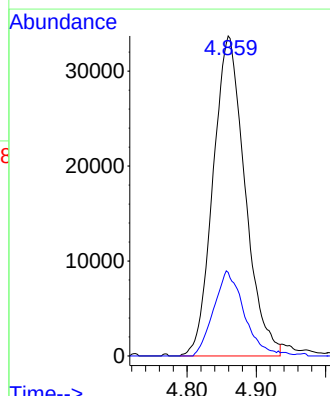
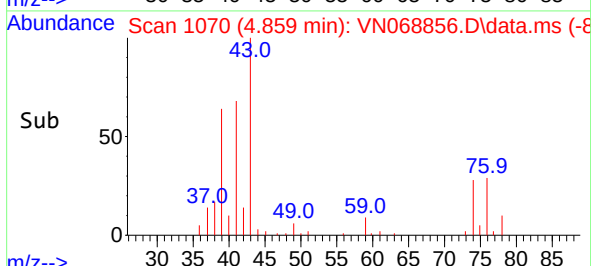
Tgt Ion:142 Resp: 78587
Ion Ratio Lower Upper
142 100
127 48.3 24.0 72.0
141 14.6 8.4 25.2



#12
Methyl Acetate
Concen: 19.83 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



Tgt Ion: 43 Resp: 107774
Ion Ratio Lower Upper
43 100
74 26.1 20.8 31.2

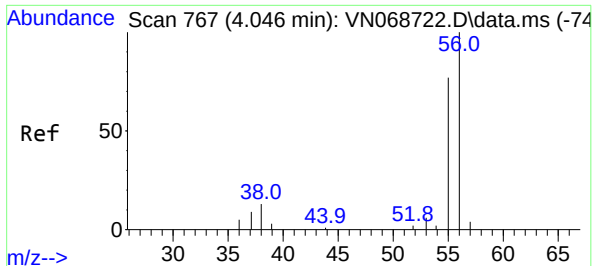


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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#13
Acrolein
Concen: 78.91 ug/l m
RT: 4.052 min Scan# 769
Delta R.T. 0.006 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

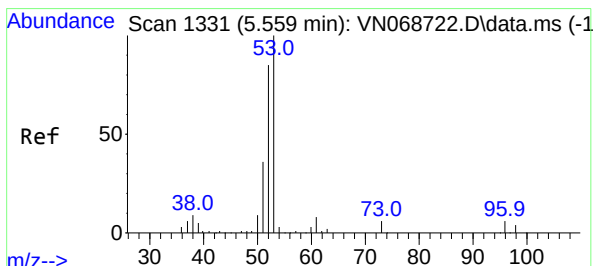
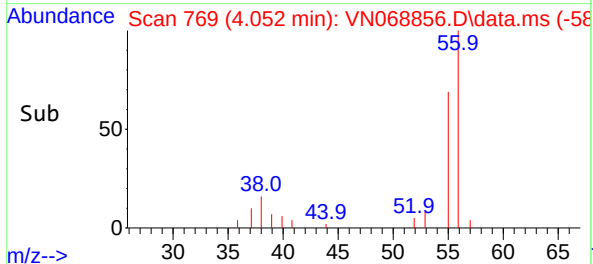
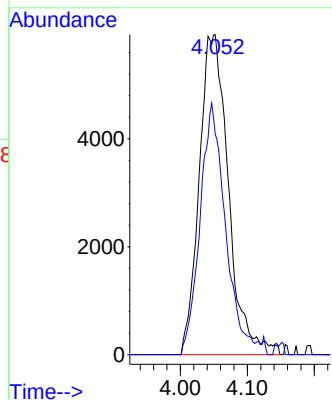
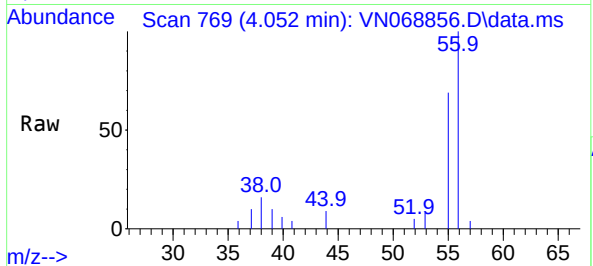
Tgt Ion: 56 Resp: 18008
Ion Ratio Lower Upper
56 100
55 67.8 57.6 86.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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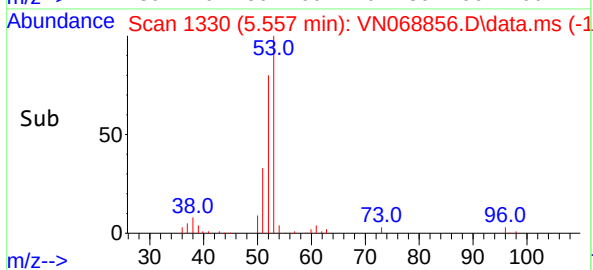
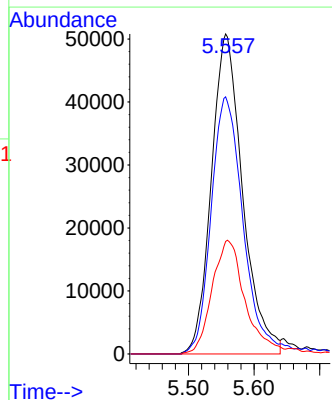
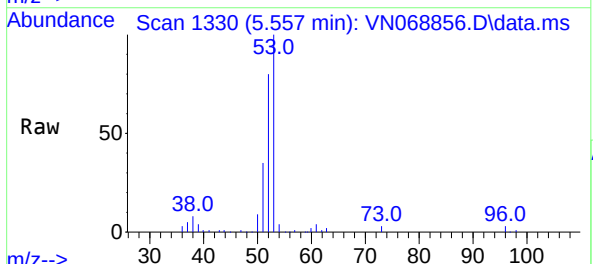
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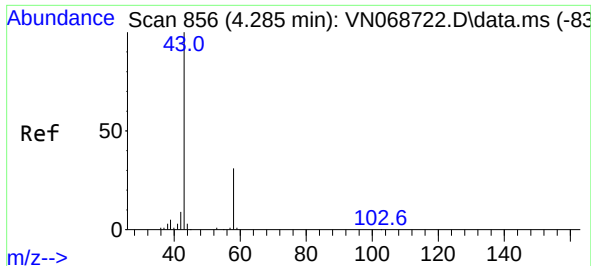
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#14
Acrylonitrile
Concen: 96.31 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.002 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 53 Resp: 168136
Ion Ratio Lower Upper
53 100
52 81.0 41.8 125.4
51 37.5 19.0 57.0





#15
Acetone
Concen: 89.72 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

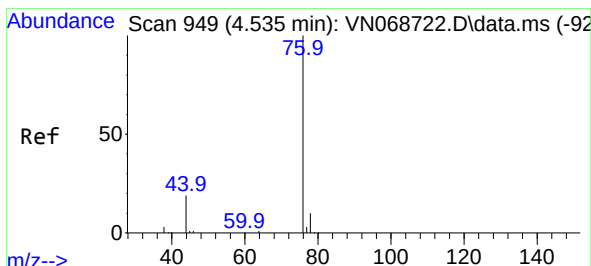
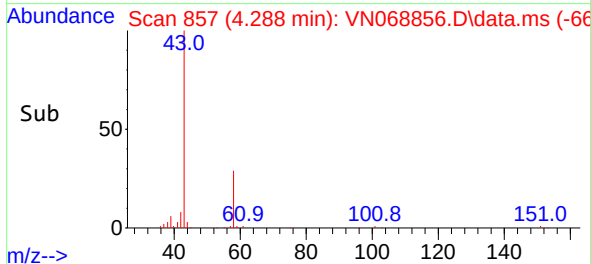
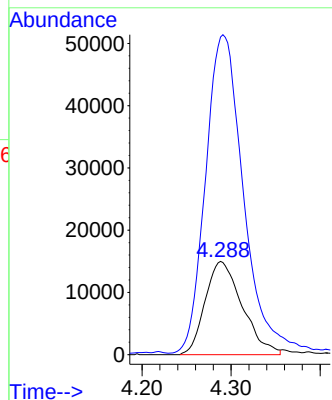
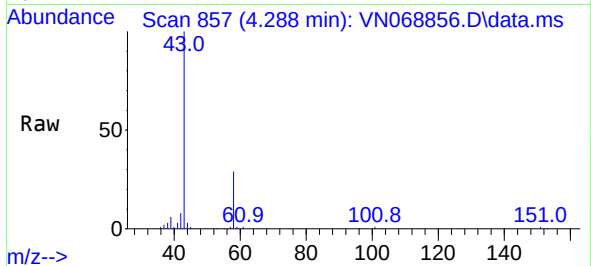
Tgt Ion: 58 Resp: 43388
Ion Ratio Lower Upper
58 100
43 334.8 256.6 384.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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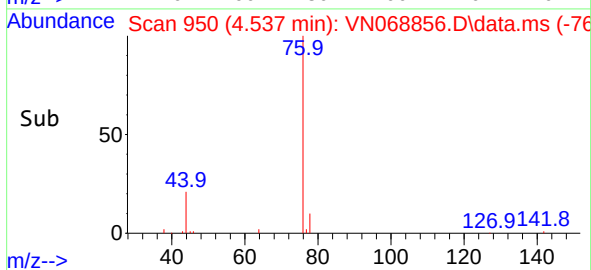
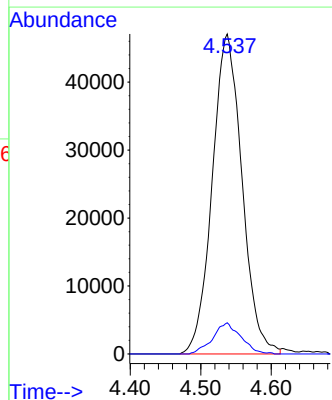
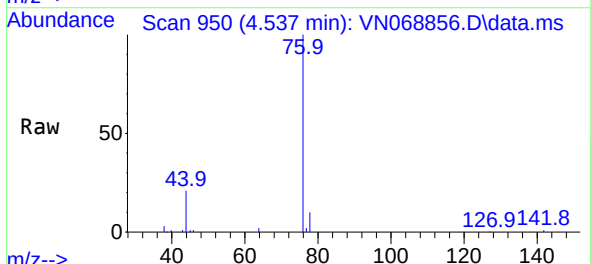
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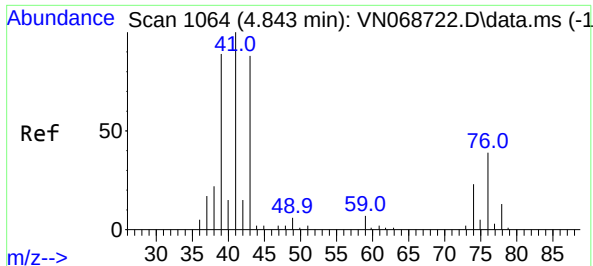
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#16
Carbon Disulfide
Concen: 16.20 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.002 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 76 Resp: 138058
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8





#17
Allyl chloride
Concen: 17.93 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

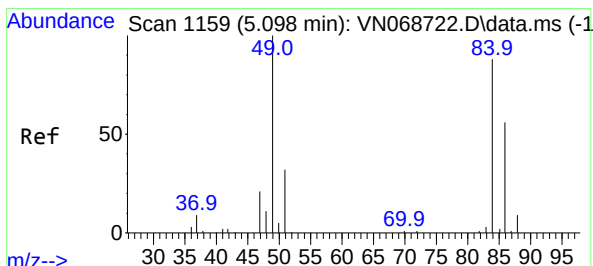
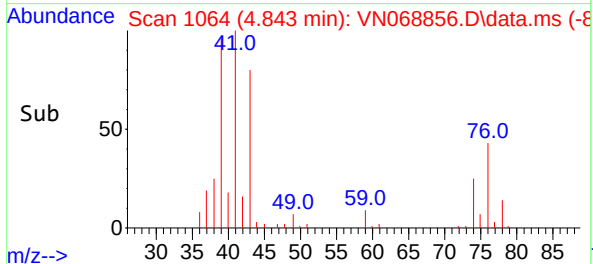
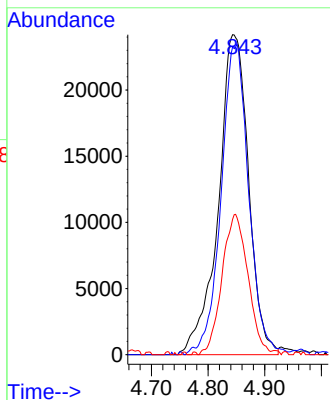
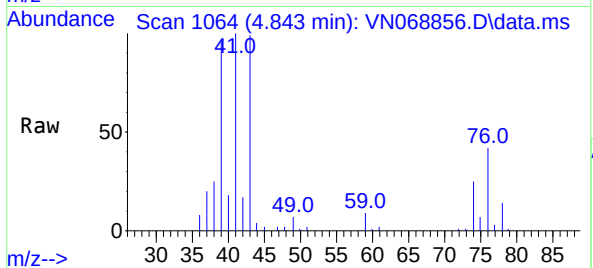
Tgt Ion:	41	Resp:	89680
Ion	Ratio	Lower	Upper
41	100		
39	96.1	44.6	134.0
76	42.3	19.6	58.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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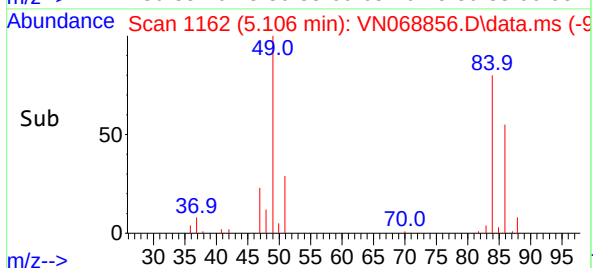
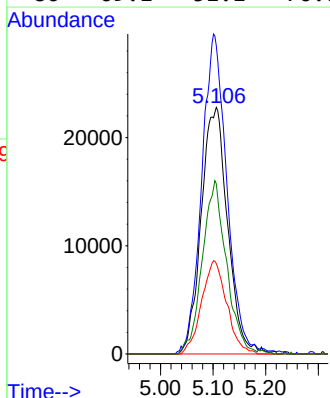
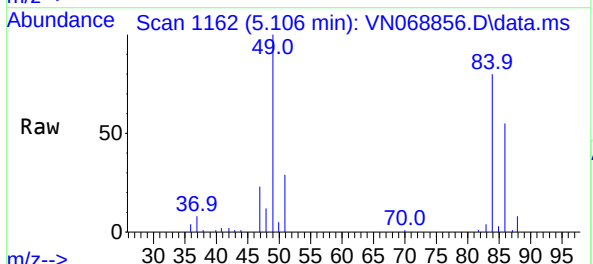
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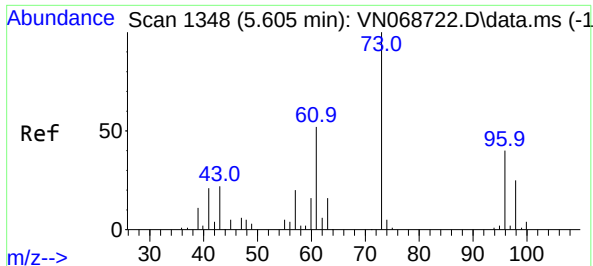
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#18
Methylene Chloride
Concen: 20.13 ug/l m
RT: 5.106 min Scan# 1162
Delta R.T. 0.008 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:	84	Resp:	79593
Ion	Ratio	Lower	Upper
84	100		
49	125.1	91.4	137.0
51	36.7	29.4	44.0
86	69.1	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 17.52 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

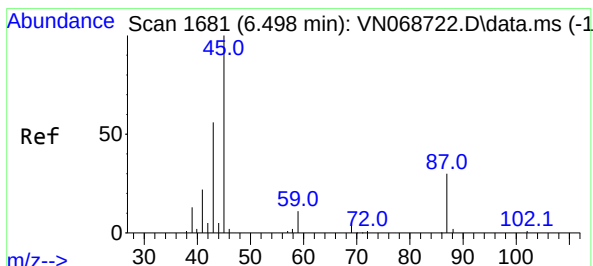
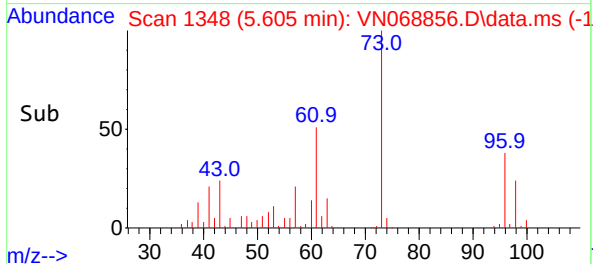
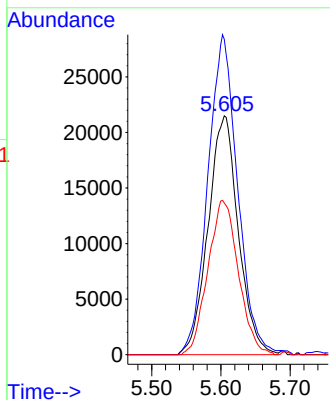
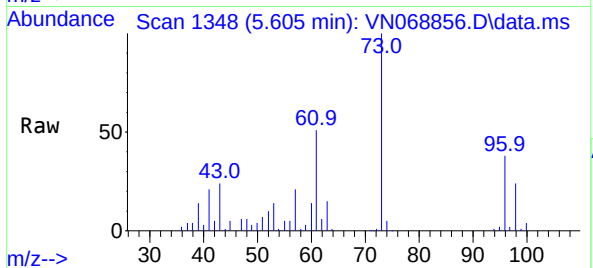
Tgt Ion:	96	Resp:	65182
Ion	Ratio	Lower	Upper
96	100		
61	132.0	102.8	154.2
98	63.5	49.3	73.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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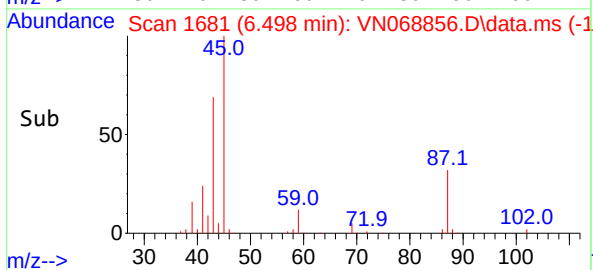
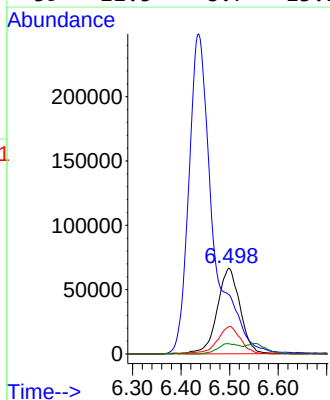
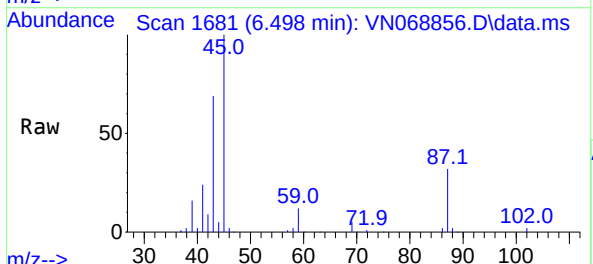
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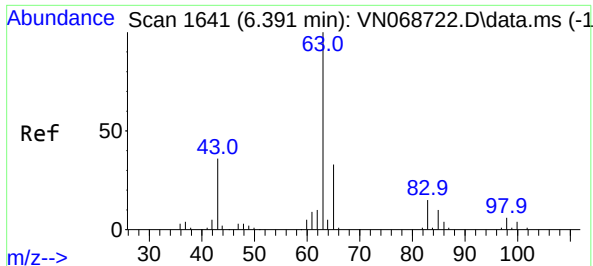
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#20
Diisopropyl ether
Concen: 18.64 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:	45	Resp:	216788
Ion	Ratio	Lower	Upper
45	100		
43	67.3	51.0	76.4
87	31.9	25.0	37.4
59	11.5	8.7	13.1





#21
1,1-Dichloroethane
Concen: 19.29 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

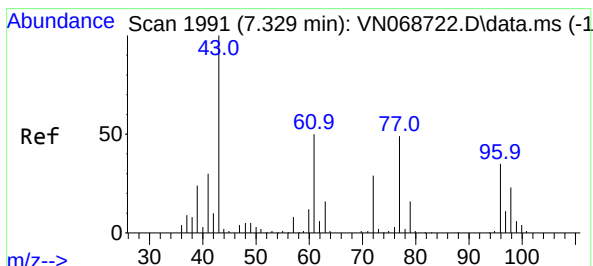
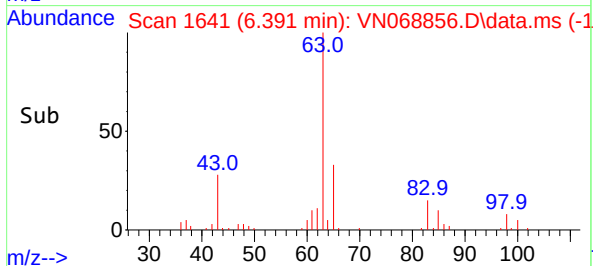
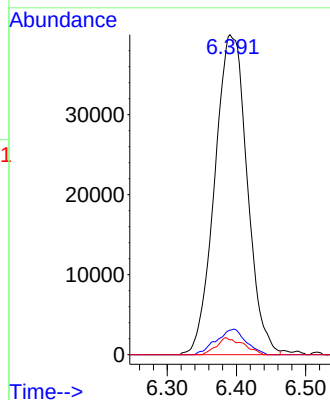
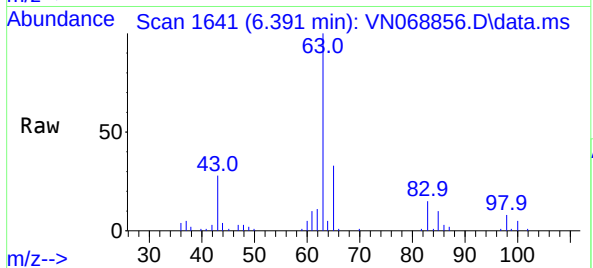
Tgt Ion: 63 Resp: 130232
Ion Ratio Lower Upper
63 100
98 7.7 3.2 9.6
100 4.7 2.1 6.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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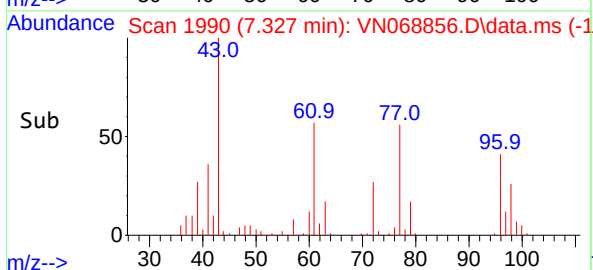
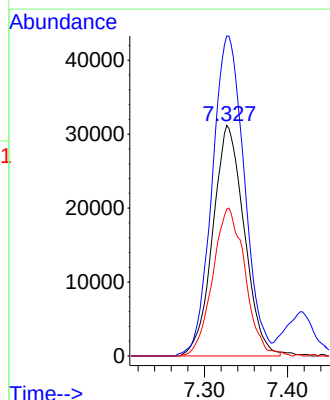
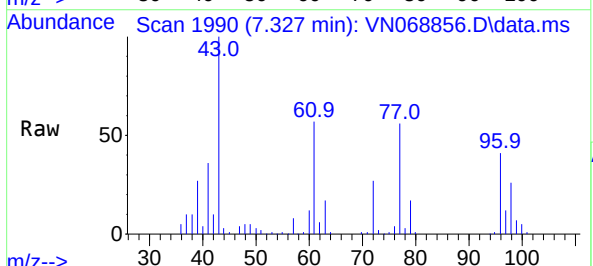
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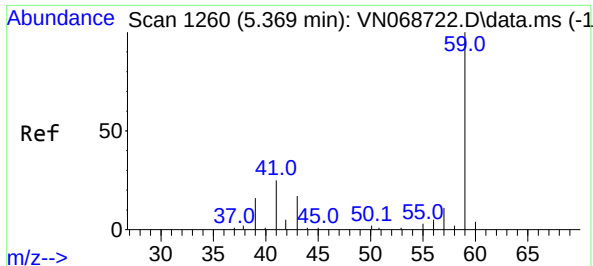
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#22
cis-1,2-Dichloroethene
Concen: 18.06 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 96 Resp: 81751
Ion Ratio Lower Upper
96 100
61 142.4 115.7 173.5
98 65.3 51.6 77.4





#23

tert-Butyl Alcohol
Concen: 95.83 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

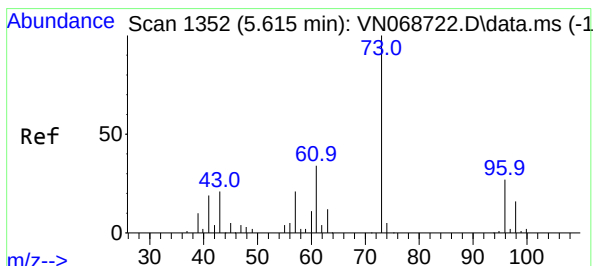
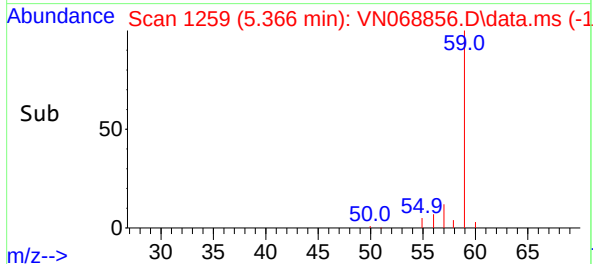
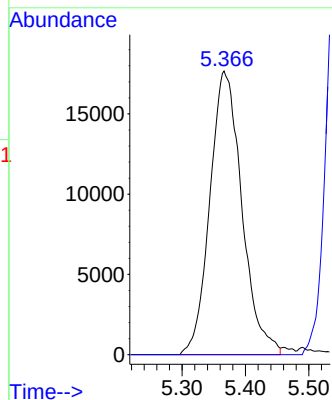
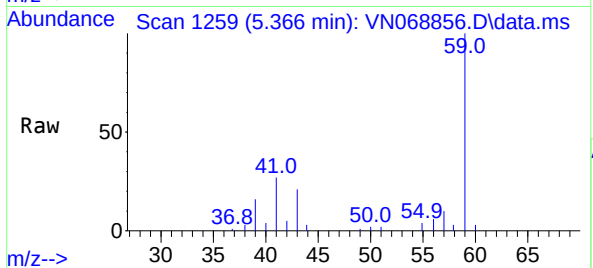
Tgt Ion: 59 Resp: 62076
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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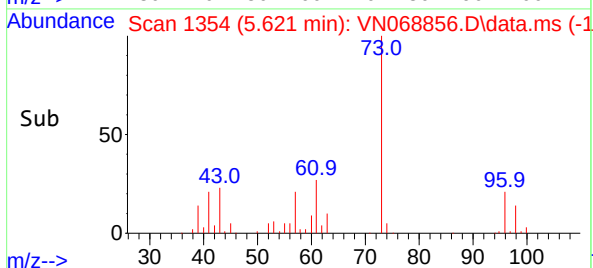
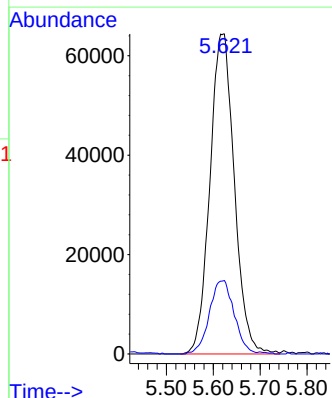
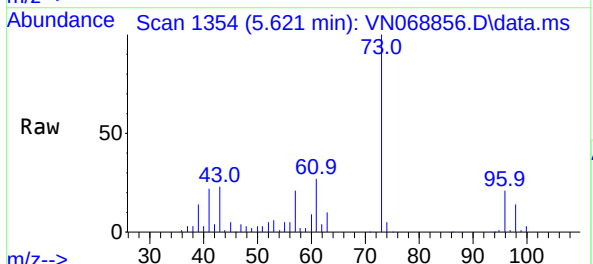
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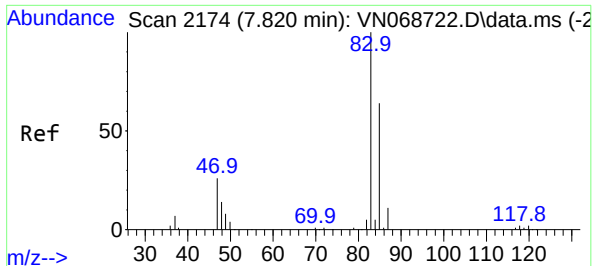


#24

Methyl tert-Butyl Ether
Concen: 18.88 ug/l m
RT: 5.621 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 73 Resp: 233471
Ion Ratio Lower Upper
73 100
43 23.2 18.1 27.1





#25

Chloroform
Concen: 19.58 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

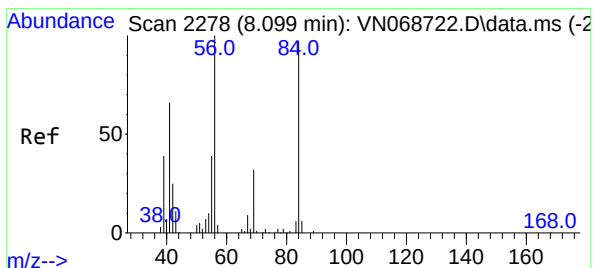
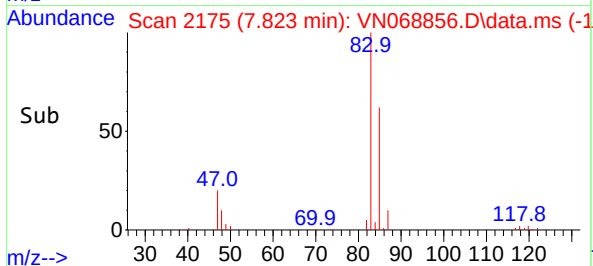
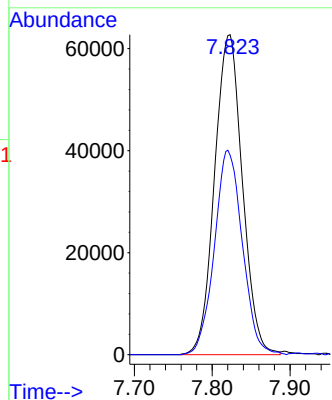
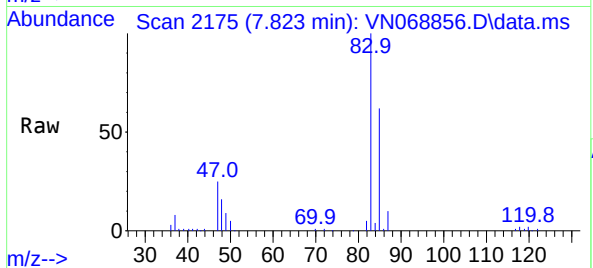
Tgt Ion: 83 Resp: 155845
Ion Ratio Lower Upper
83 100
85 62.3 51.3 76.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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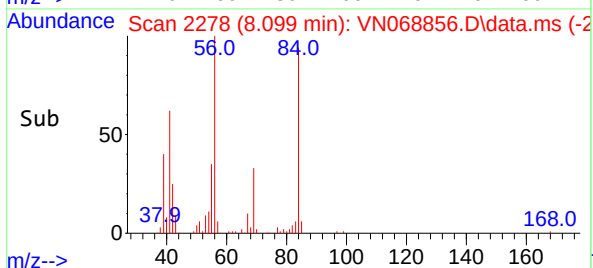
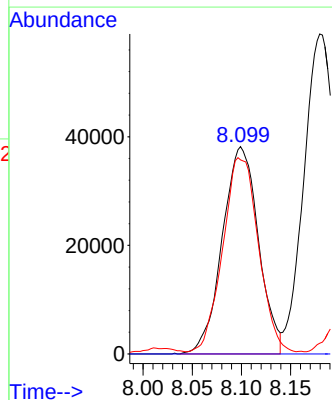
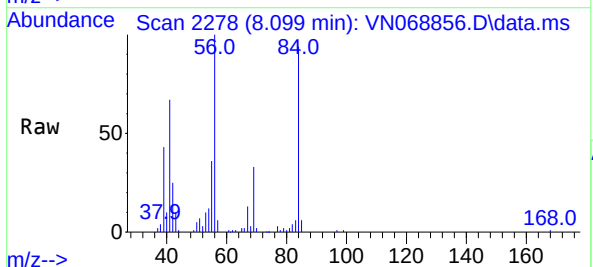
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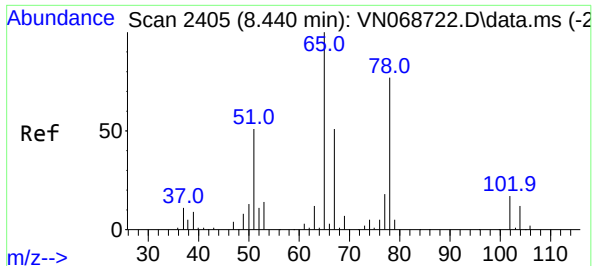


#26

Cyclohexane
Concen: 16.62 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 56 Resp: 97674
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 92.7 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.37 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

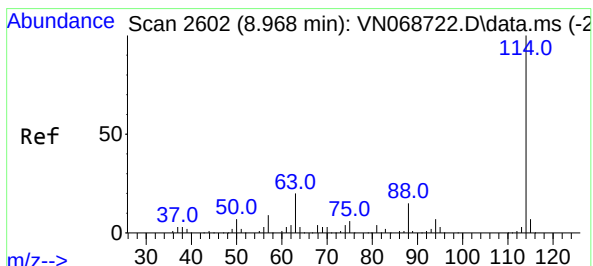
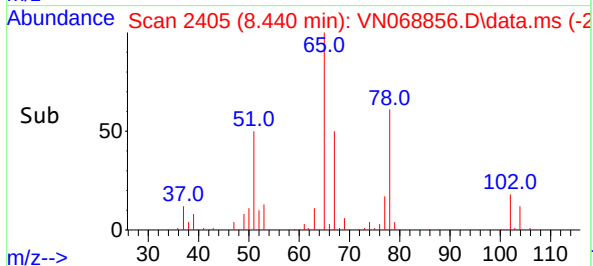
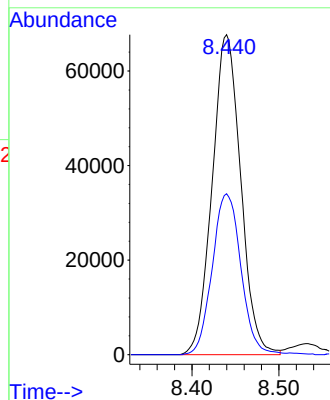
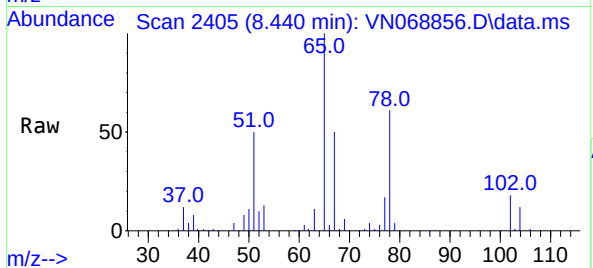
Tgt Ion: 65 Resp: 154330
Ion Ratio Lower Upper
65 100
67 50.5 40.2 60.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

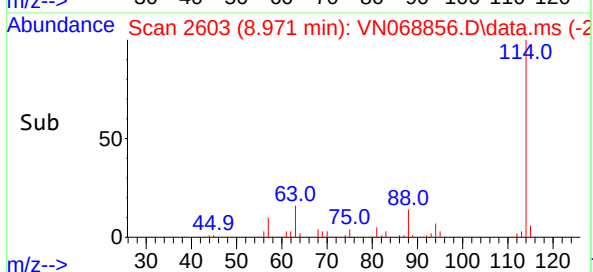
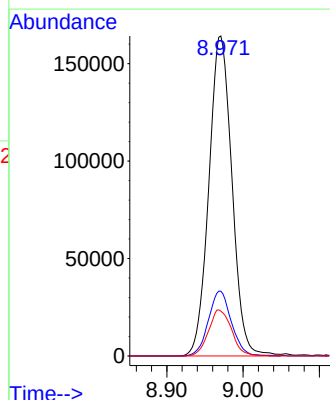
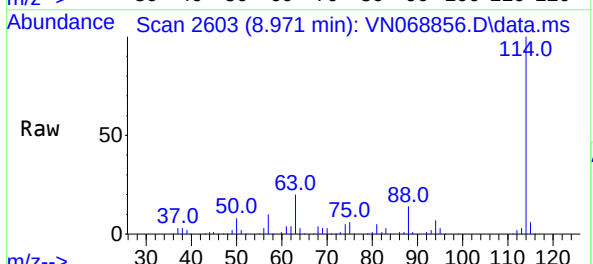
MMDadoda

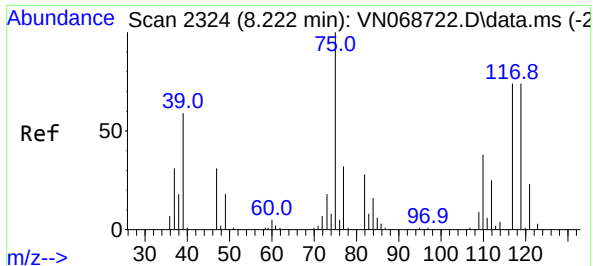
10/13/2021 12:38:08 PM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 114 Resp: 345266
Ion Ratio Lower Upper
114 100
63 20.1 15.8 23.6
88 14.4 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.32 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

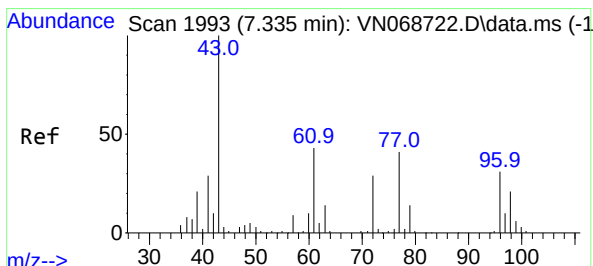
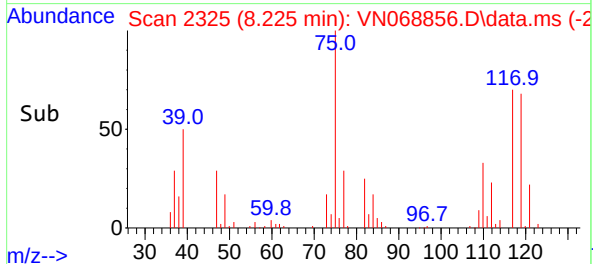
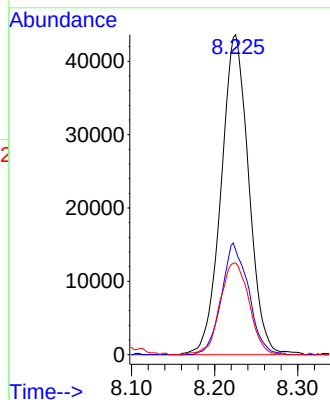
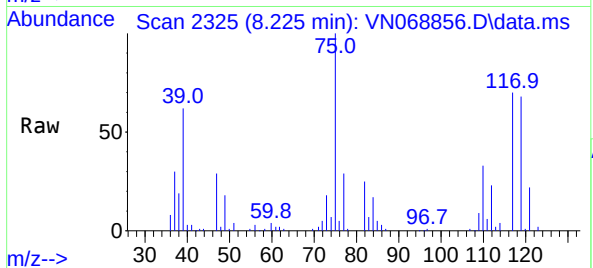
Tgt Ion: 75 Resp: 100489
Ion Ratio Lower Upper
75 100
110 34.1 0.0 74.2
77 30.3 0.0 63.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

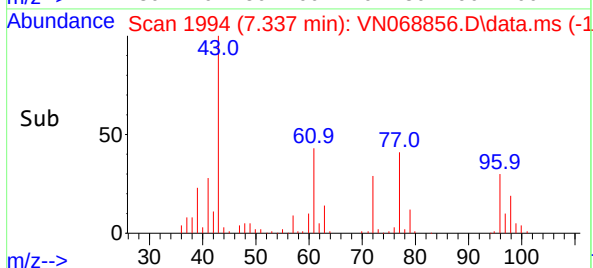
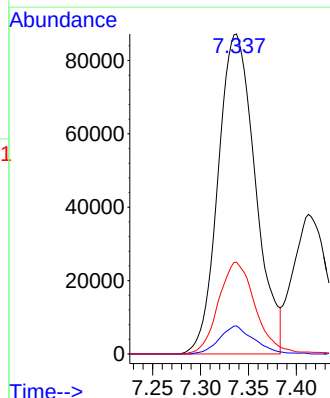
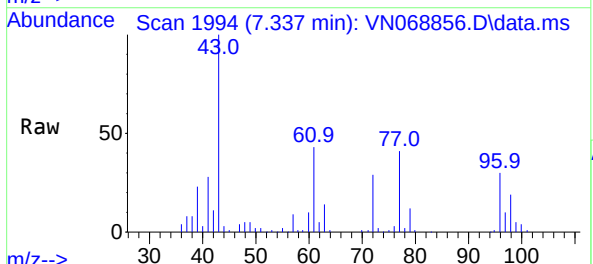
MMDadoda

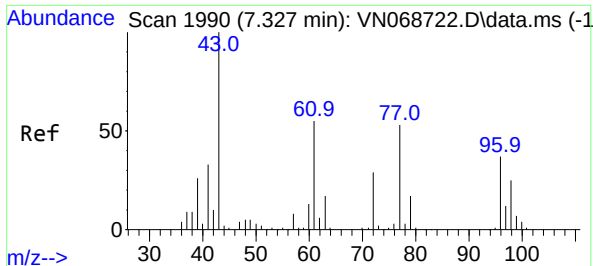
10/13/2021 12:38:08 PM



#30
2-Butanone
Concen: 95.55 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.002 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 43 Resp: 235483
Ion Ratio Lower Upper
43 100
57 8.1 6.7 10.1
72 28.3 23.2 34.8





#31
2,2-Dichloropropane
Concen: 18.86 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

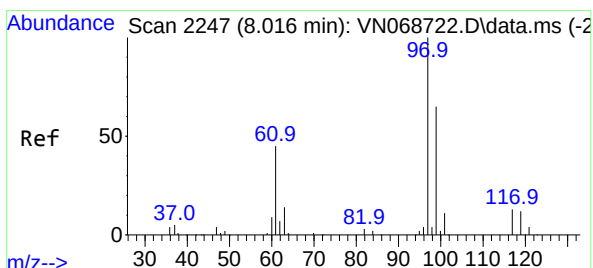
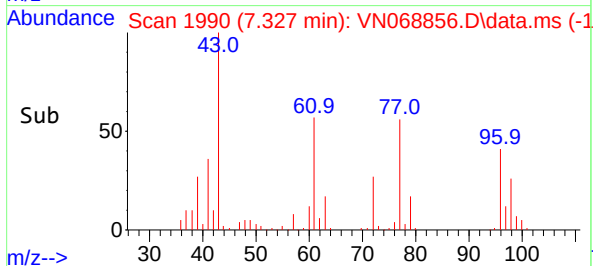
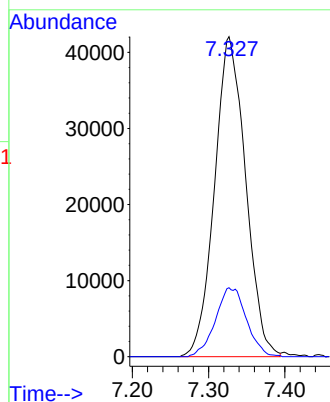
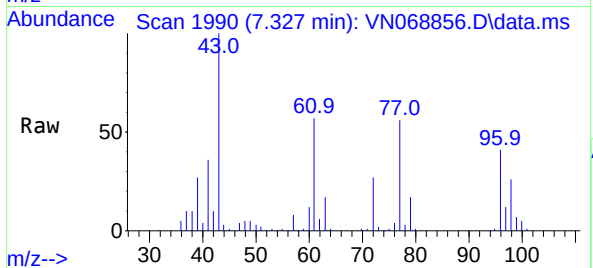
Tgt Ion: 77 Resp: 118925
Ion Ratio Lower Upper
77 100
97 12.5 18.3 27.5#

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

Manual Integrations
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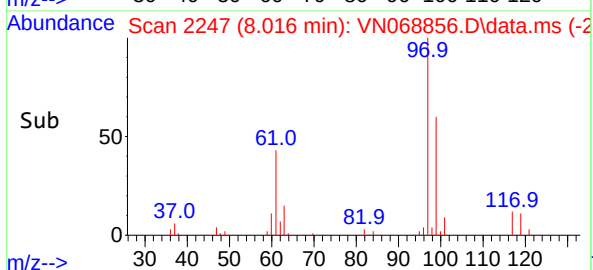
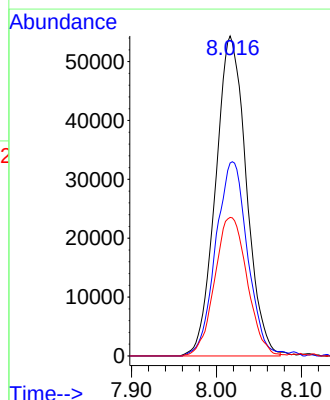
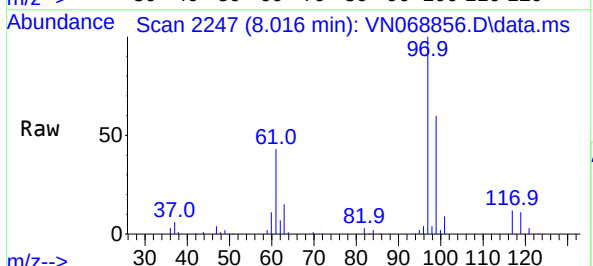
MMDadoda

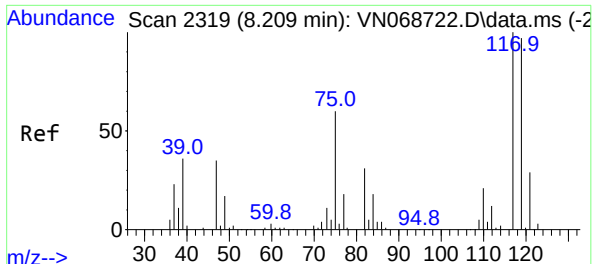
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#32
1,1,1-Trichloroethane
Concen: 19.40 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 97 Resp: 136411
Ion Ratio Lower Upper
97 100
99 62.7 50.4 75.6
61 46.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.87 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

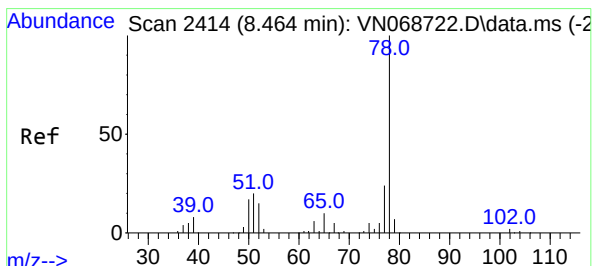
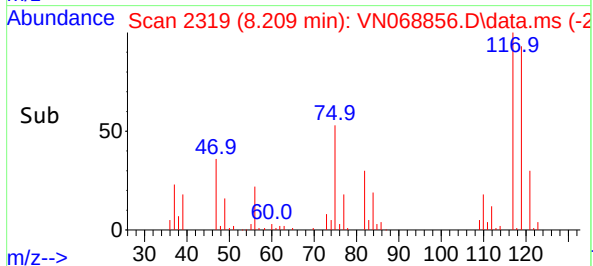
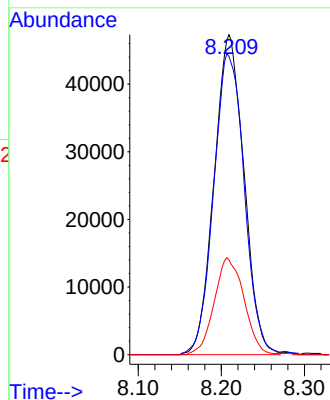
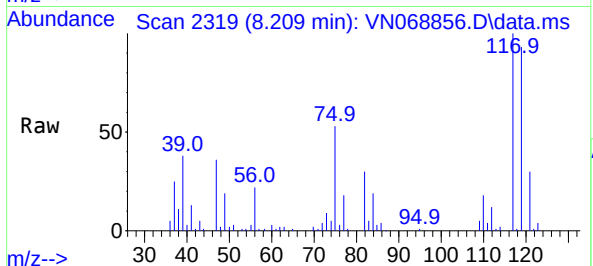
Tgt Ion:117 Resp: 117920
Ion Ratio Lower Upper
117 100
119 93.2 77.5 116.3
121 29.6 23.5 35.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

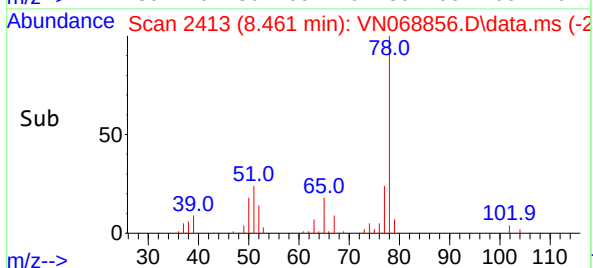
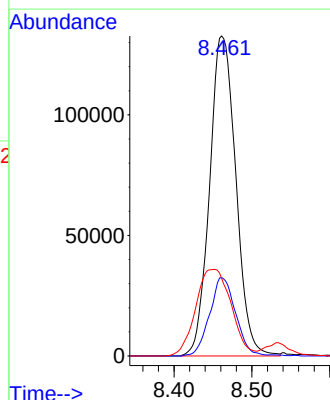
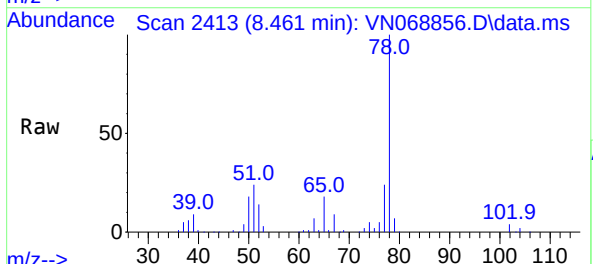
MMDadoda

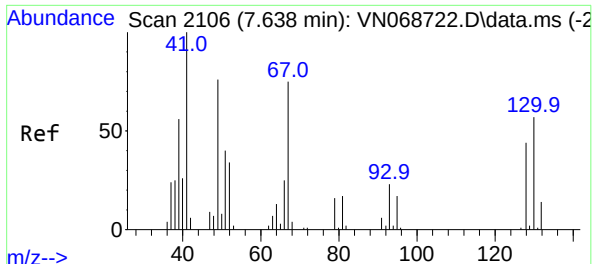
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#34
Benzene
Concen: 19.11 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

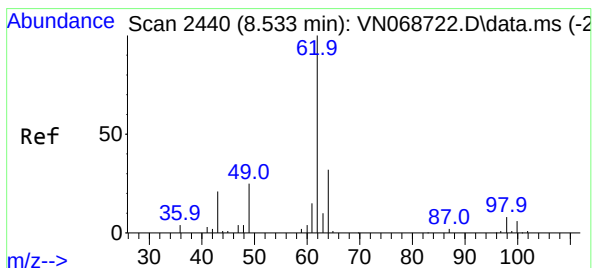
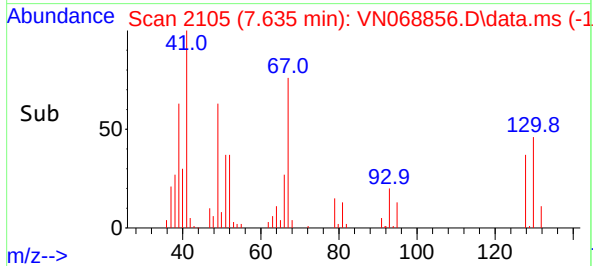
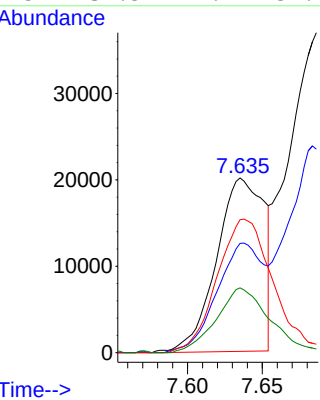
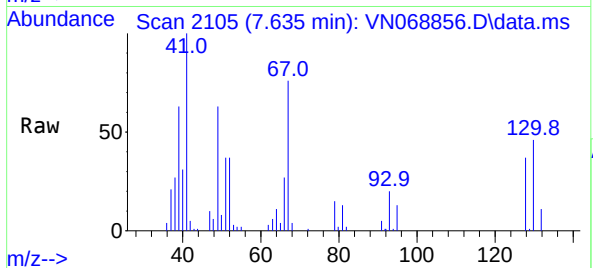
Tgt Ion: 78 Resp: 311011
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7
51 22.2 16.0 24.0





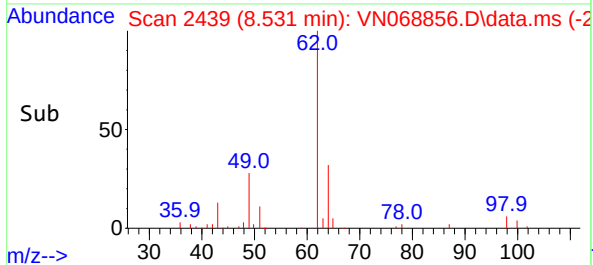
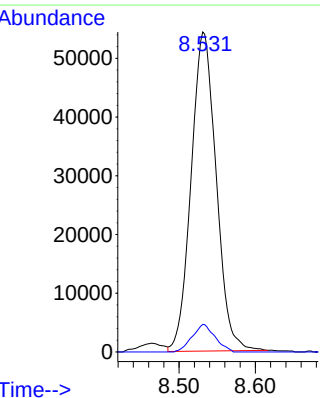
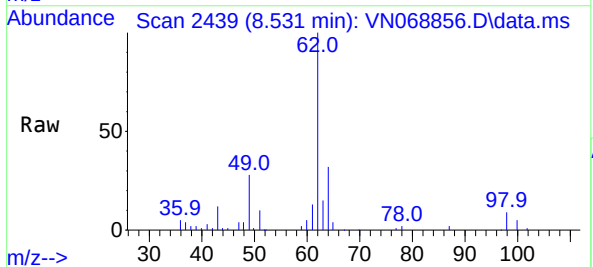
#35
Methacrylonitrile
Concen: 17.92 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:	41	Resp:	44247
Ion	Ratio	Lower	Upper
41	100		
39	62.5	28.0	83.9
67	77.1	37.7	113.1
52	37.5	17.1	51.2



#36
1,2-Dichloroethane
Concen: 20.34 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.002 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:	62	Resp:	123883
Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.6	10.0

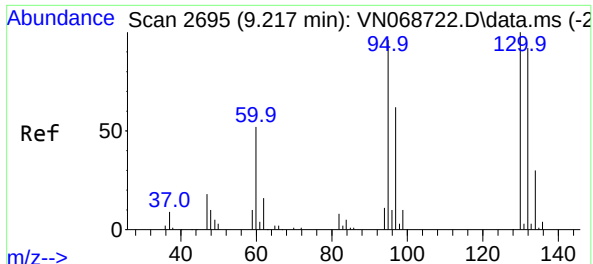


Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

Manual Integrations
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#37

Trichloroethene

Concen: 18.75 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN068856.D

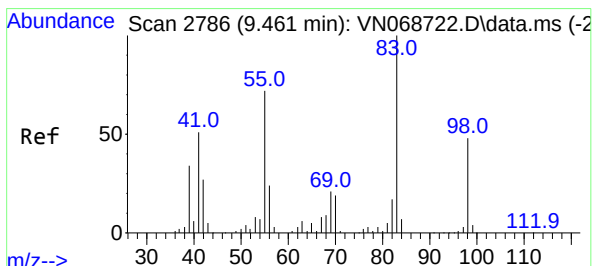
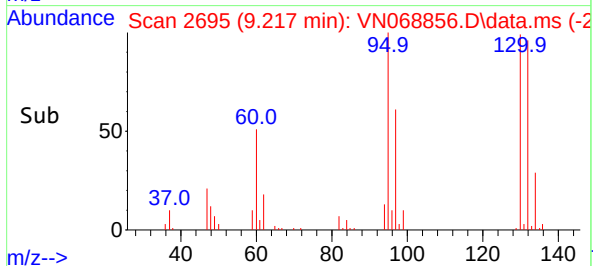
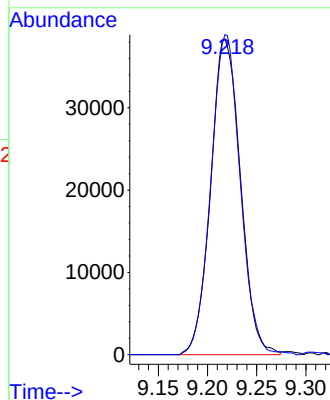
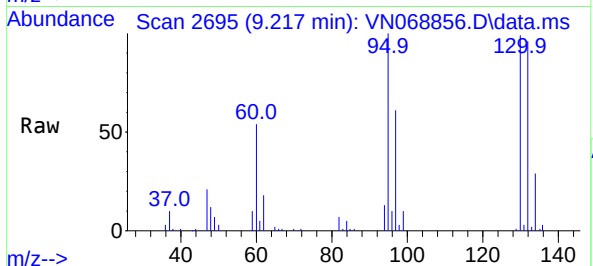
Acq: 8 Oct 2021 18:35

Tgt Ion:130 Resp: 80716

Ion Ratio Lower Upper

130 100

95 101.3 76.6 115.0



#38

Methylcyclohexane

Concen: 16.71 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VN068856.D

Acq: 8 Oct 2021 18:35

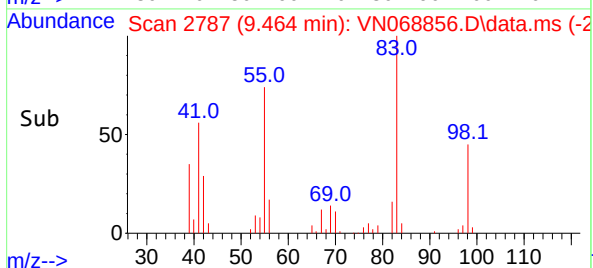
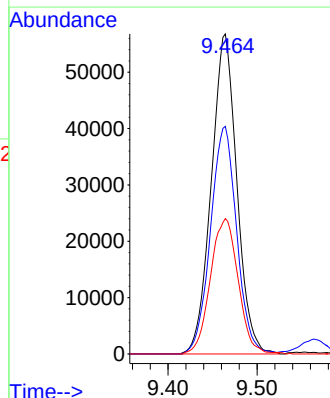
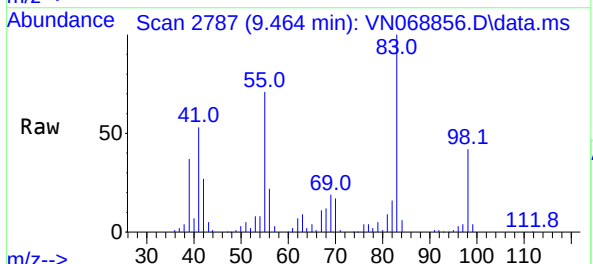
Tgt Ion: 83 Resp: 113490

Ion Ratio Lower Upper

83 100

55 72.8 35.1 105.3

98 45.8 23.4 70.2



Instrument :

MSVOA_N

ClientSampleId :

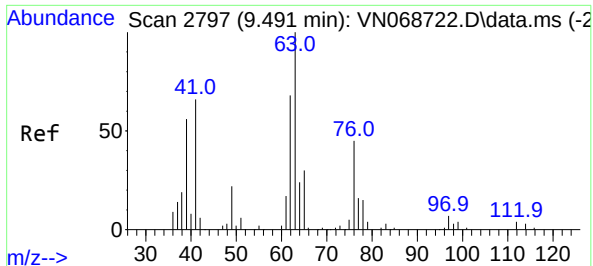
VSTDCCC020EC

Manual Integrations

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#39

1,2-Dichloropropane
Concen: 19.72 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

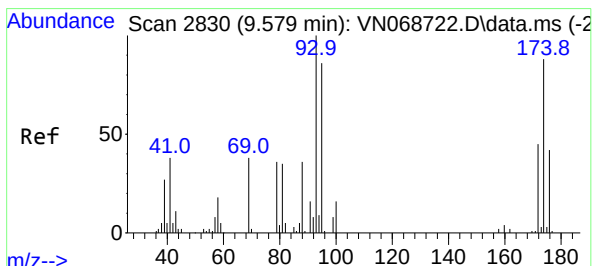
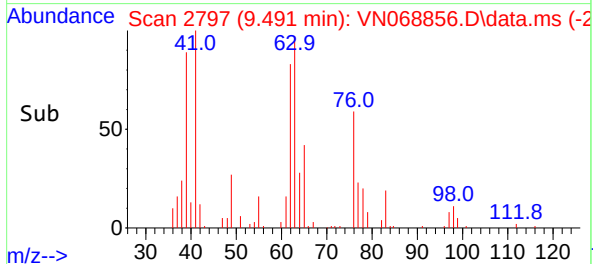
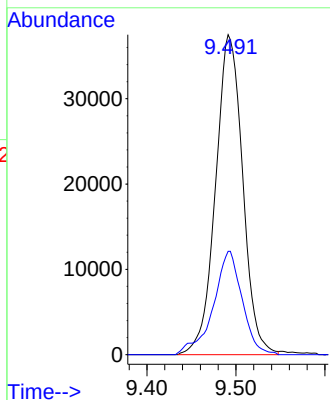
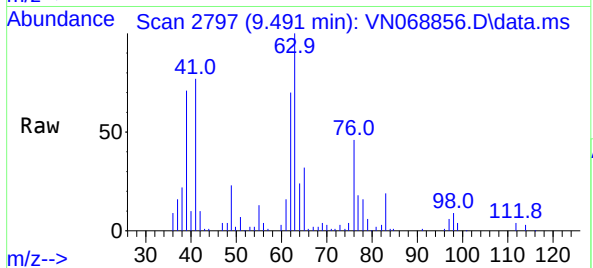
Tgt Ion: 63 Resp: 79519
Ion Ratio Lower Upper
63 100
65 32.3 24.2 36.4

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

Manual Integrations
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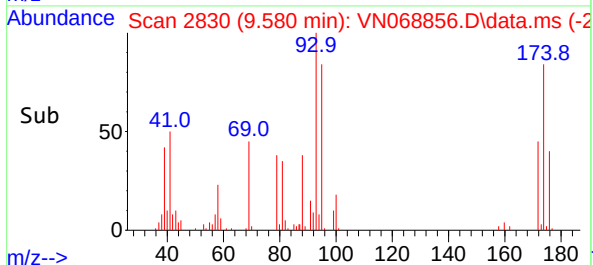
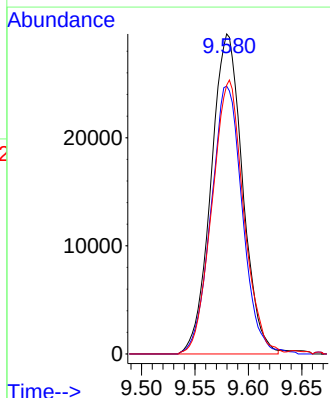
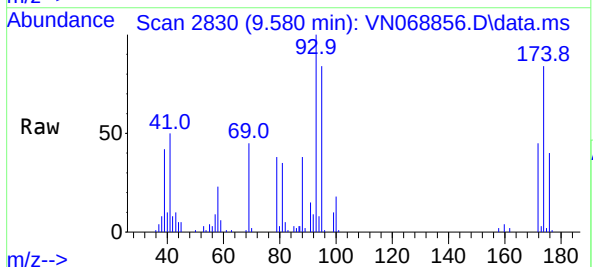
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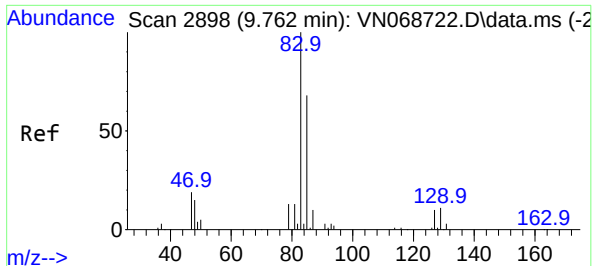


#40

Dibromomethane
Concen: 19.07 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

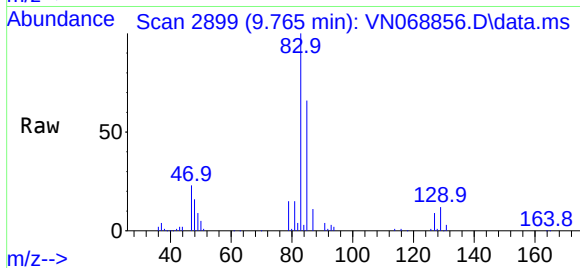
Tgt Ion: 93 Resp: 60703
Ion Ratio Lower Upper
93 100
95 83.3 0.0 168.8
174 85.9 0.0 173.6





#41
Bromodichloromethane
Concen: 19.30 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

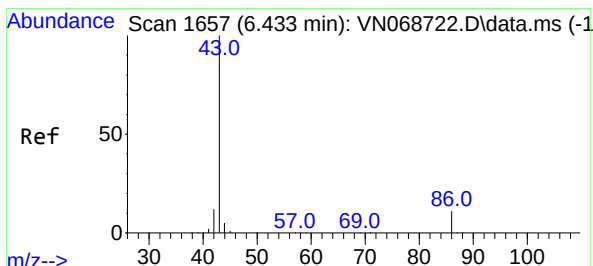
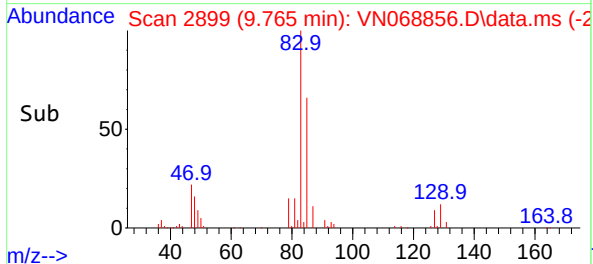
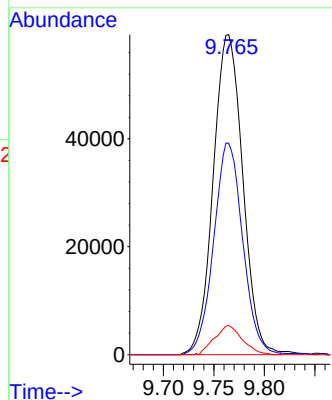


Tgt Ion: 83 Resp: 120407
Ion Ratio Lower Upper
83 100
85 66.1 54.1 81.1
127 9.1 7.6 11.4

Manual Integrations
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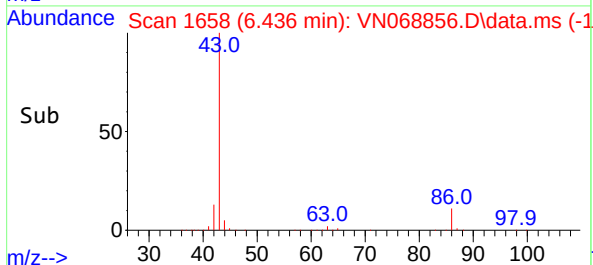
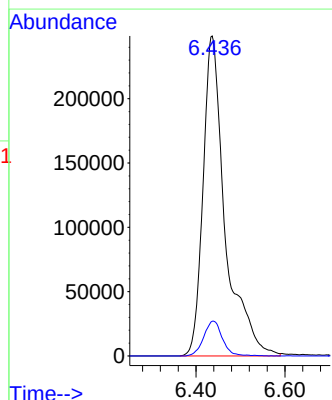
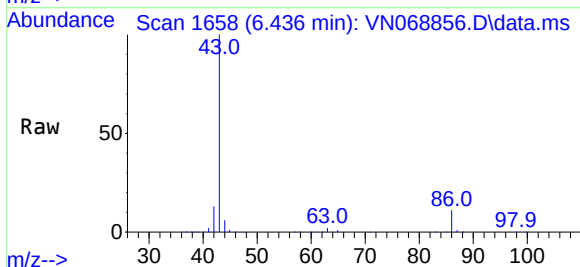
MMDadoda

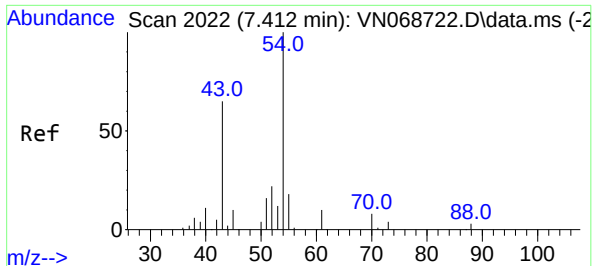
10/13/2021 12:38:08 PM



#42
Vinyl Acetate
Concen: 94.19 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 43 Resp: 859574
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43

Ethyl Acetate

Concen: 19.30 ug/l

RT: 7.413 min Scan# 2022

Delta R.T. 0.001 min

Lab File: VN068856.D

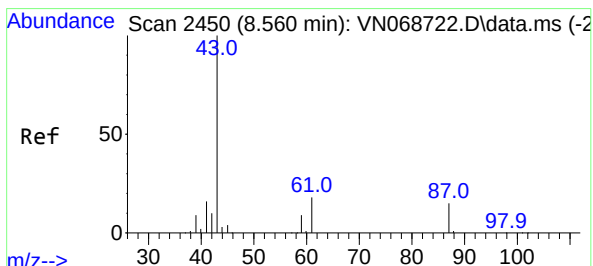
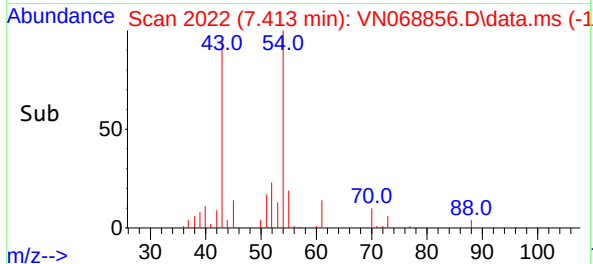
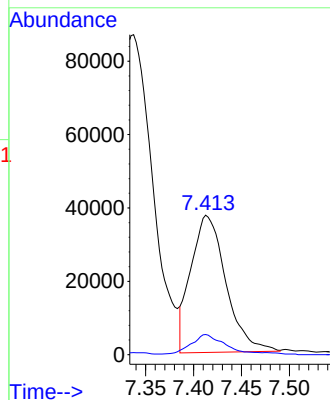
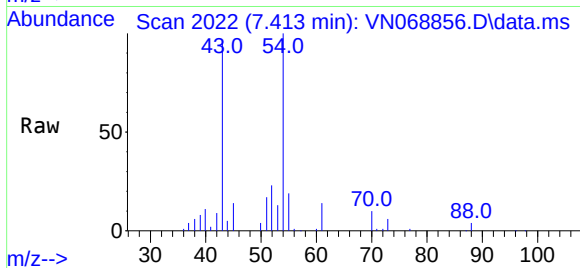
Acq: 8 Oct 2021 18:35

Tgt Ion: 43 Resp: 95103

Ion Ratio Lower Upper

43 100

45 13.3 10.6 16.0



#44

Isopropyl Acetate

Concen: 19.22 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.003 min

Lab File: VN068856.D

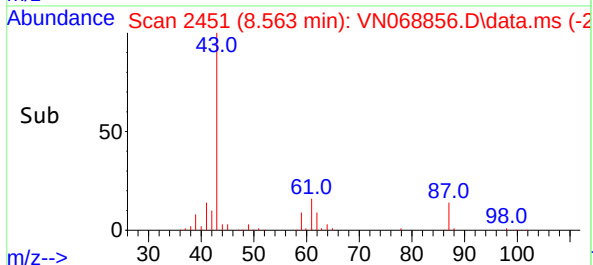
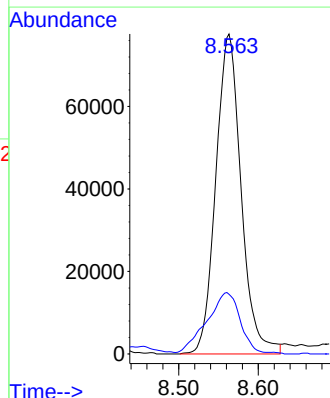
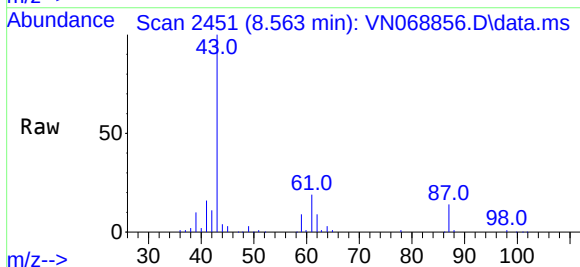
Acq: 8 Oct 2021 18:35

Tgt Ion: 43 Resp: 171509

Ion Ratio Lower Upper

43 100

61 24.2 20.1 30.1



Instrument :

MSVOA_N

ClientSampleId :

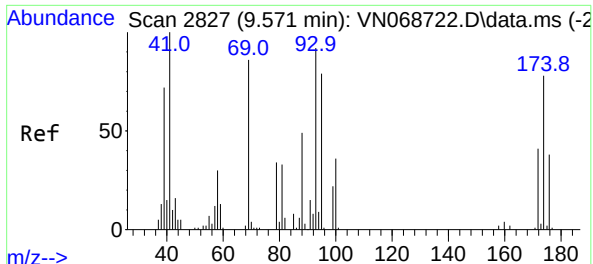
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#45
1,4-Dioxane
Concen: 419.62 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.002 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

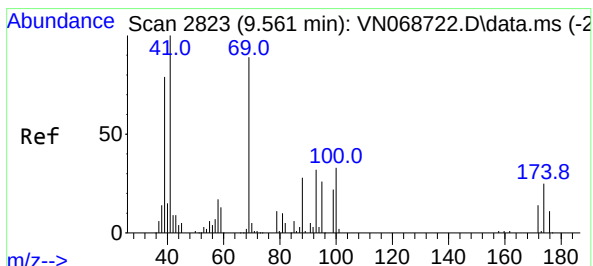
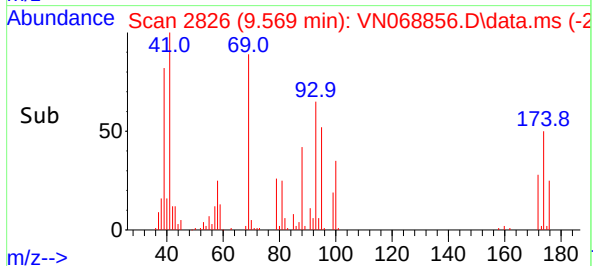
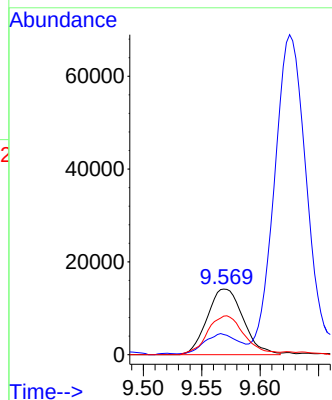
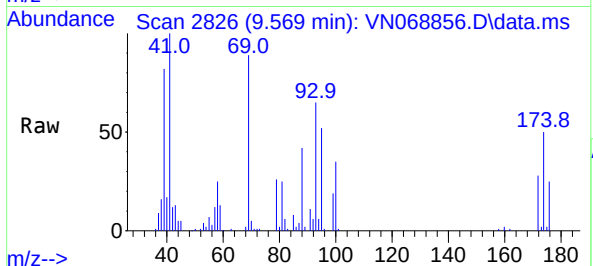
Tgt Ion: 88 Resp: 30314
Ion Ratio Lower Upper
88 100
43 28.0 25.0 37.6
58 60.7 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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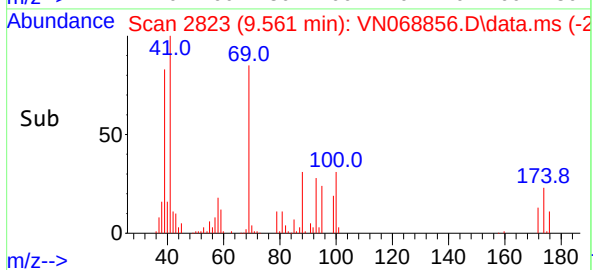
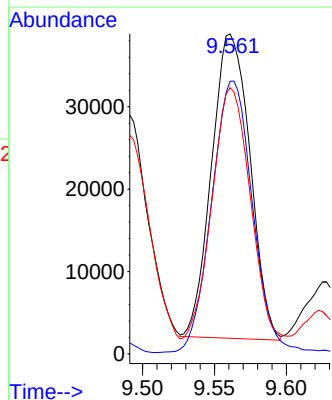
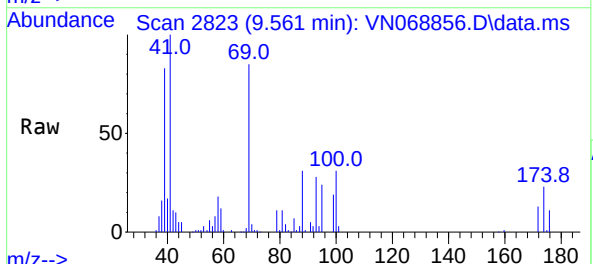
MMDadoda

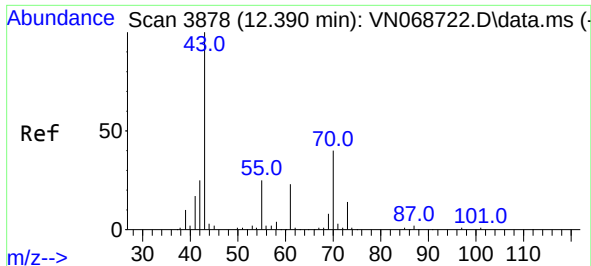
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#46
Methyl methacrylate
Concen: 17.36 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

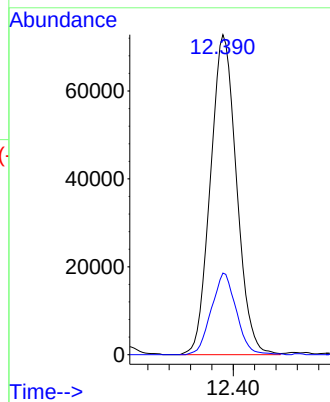
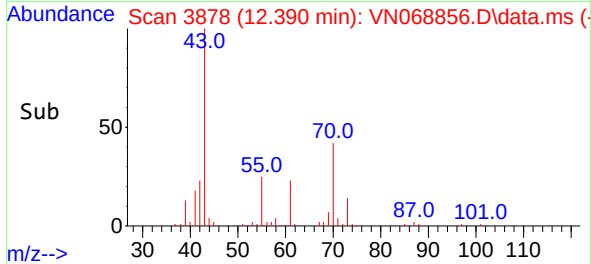
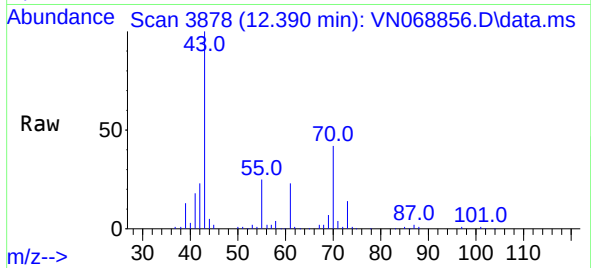
Tgt Ion: 41 Resp: 68502
Ion Ratio Lower Upper
41 100
69 88.7 44.4 133.2
39 83.1 39.9 119.6





#47
n-amyl acetate
Concen: 16.37 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 43 Resp: 123690
Ion Ratio Lower Upper
43 100
55 24.3 19.0 28.6

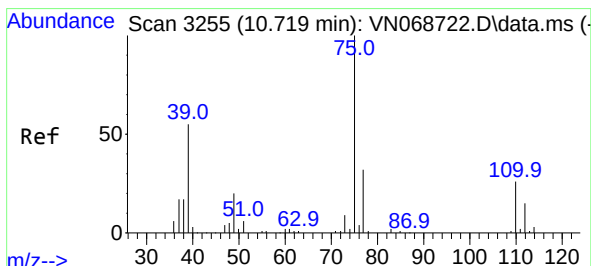


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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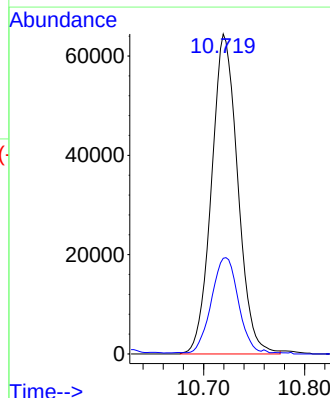
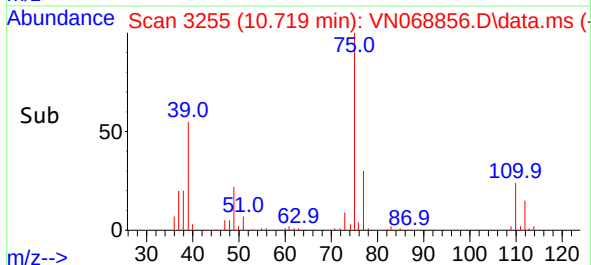
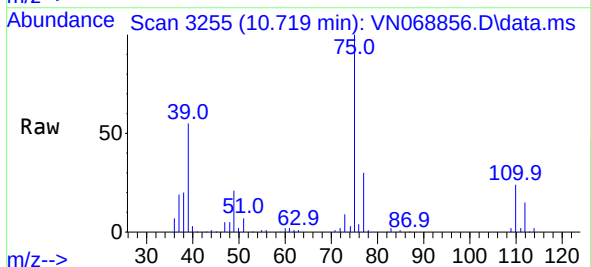
MMDadoda

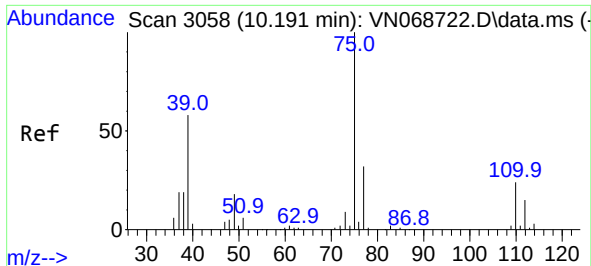
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#48
t-1,3-Dichloropropene
Concen: 17.13 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 75 Resp: 116147
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 18.24 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

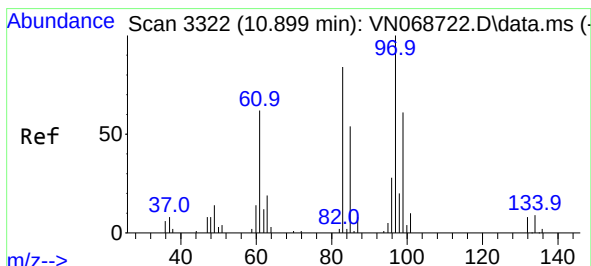
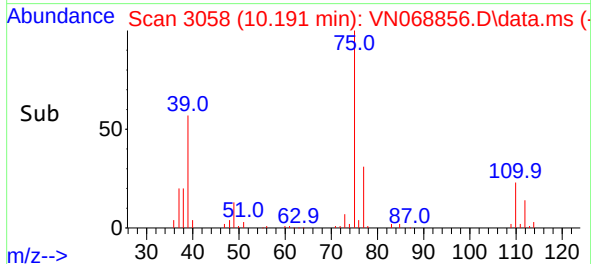
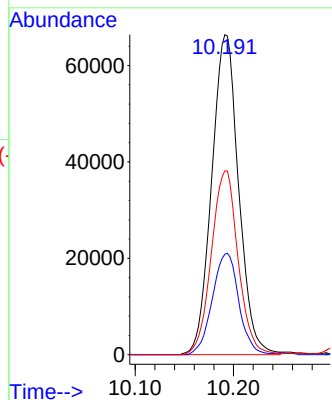
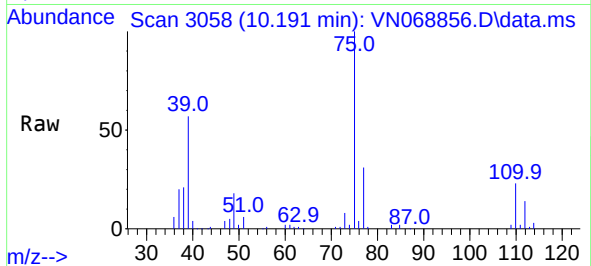
Tgt Ion: 75 Resp: 126469
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 57.5 46.2 69.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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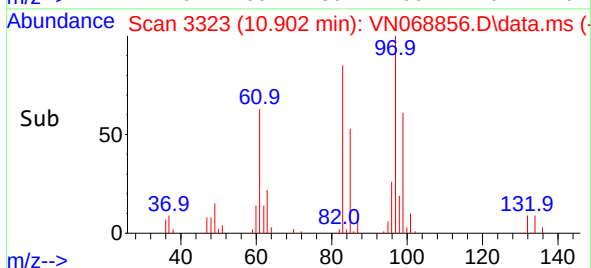
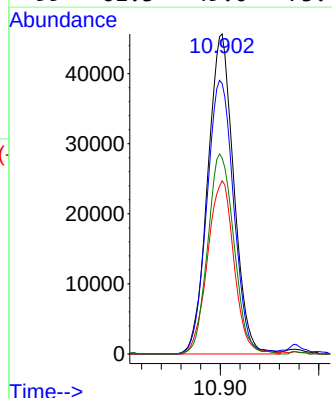
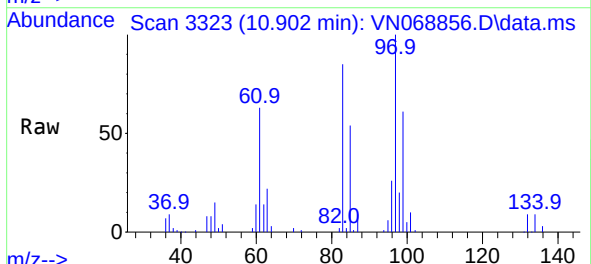
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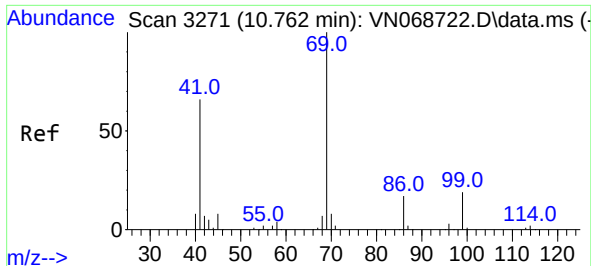
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#50
1,1,2-Trichloroethane
Concen: 19.04 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 97 Resp: 83977
Ion Ratio Lower Upper
97 100
83 84.2 67.2 100.8
85 54.1 43.0 64.4
99 61.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 16.81 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

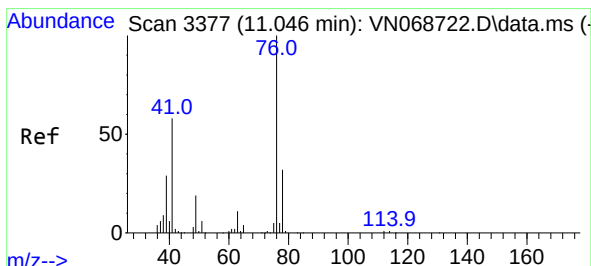
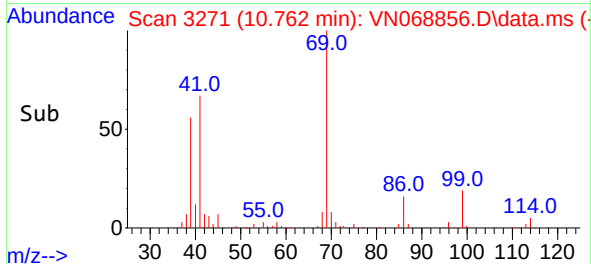
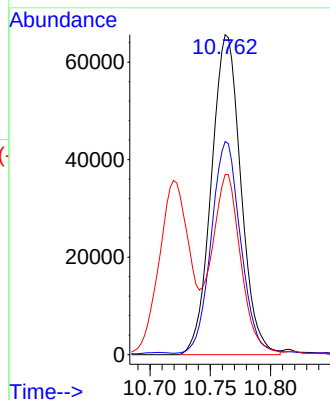
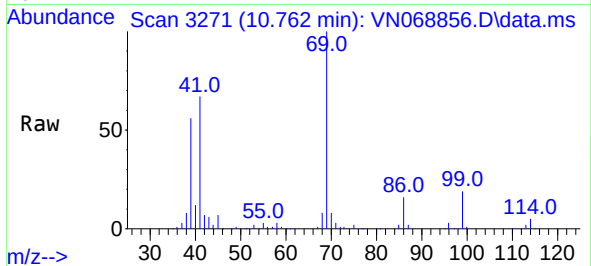
Tgt Ion: 69 Resp: 111686
Ion Ratio Lower Upper
69 100
41 66.0 33.0 98.9
39 55.4 25.4 76.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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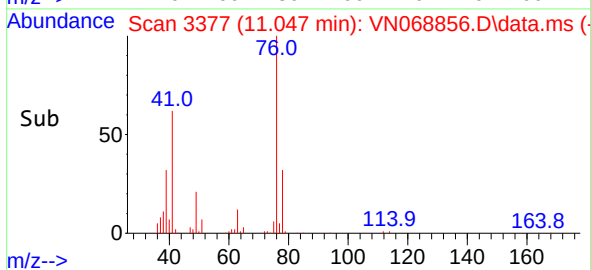
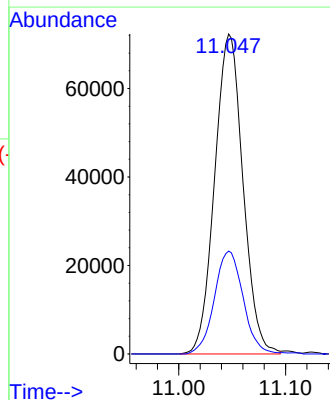
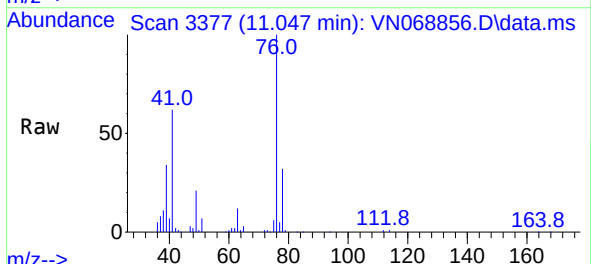
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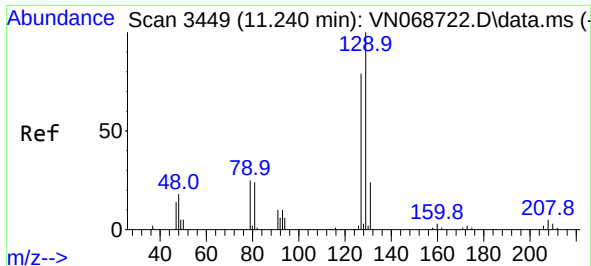
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#52
1,3-Dichloropropane
Concen: 18.65 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 76 Resp: 133125
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





#53
Dibromochloromethane
Concen: 18.28 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

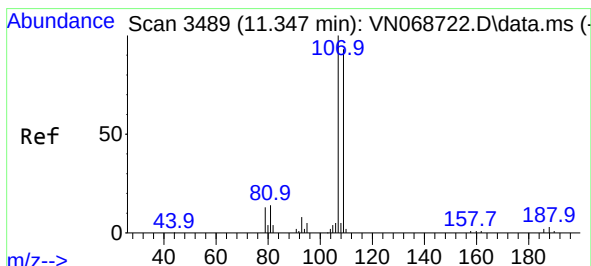
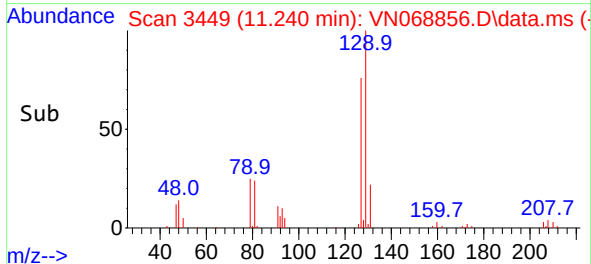
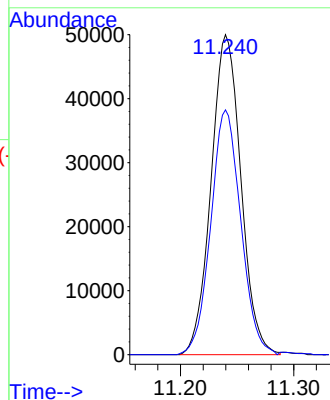
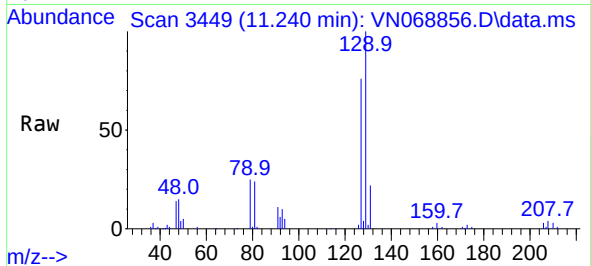
Tgt Ion:129 Resp: 91598
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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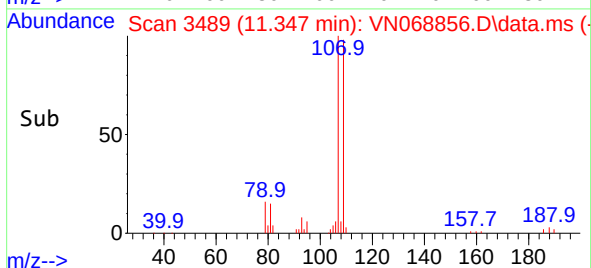
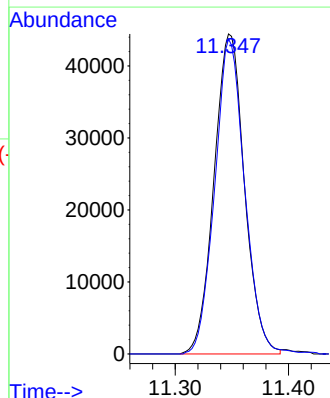
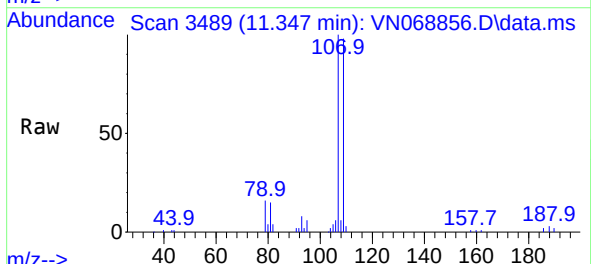
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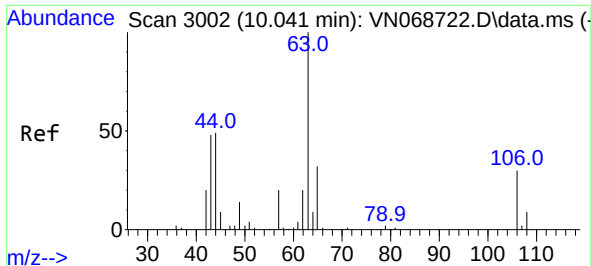
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#54
1,2-Dibromoethane
Concen: 17.91 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

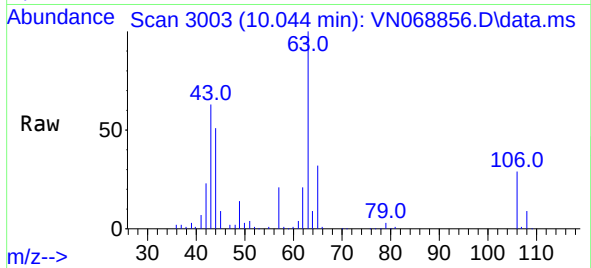
Tgt Ion:107 Resp: 82862
Ion Ratio Lower Upper
107 100
109 96.6 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 78.96 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

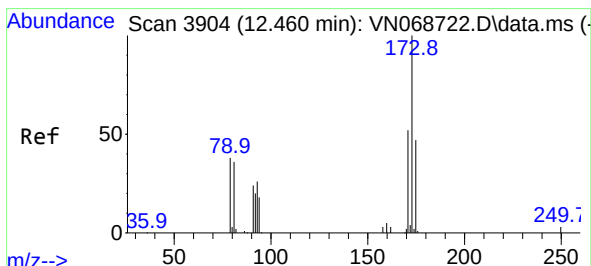
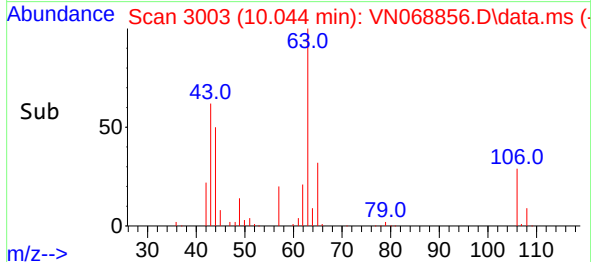
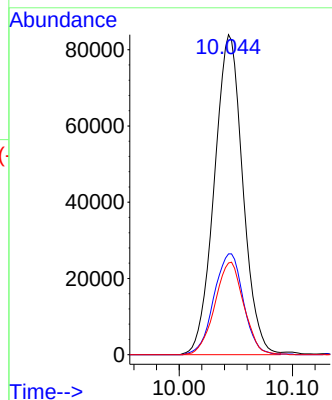


Tgt Ion: 63 Resp: 146438
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.0
106 29.4 23.2 34.8

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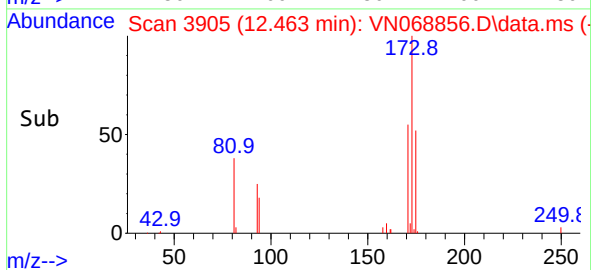
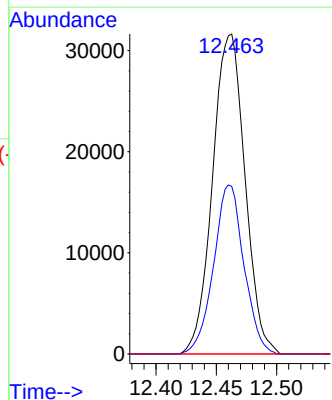
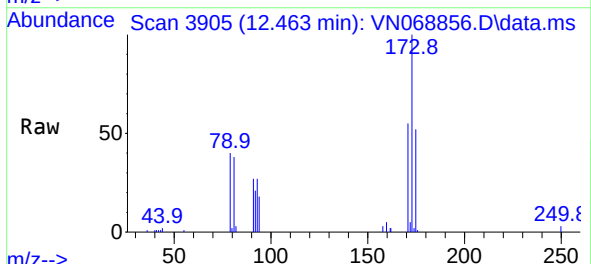
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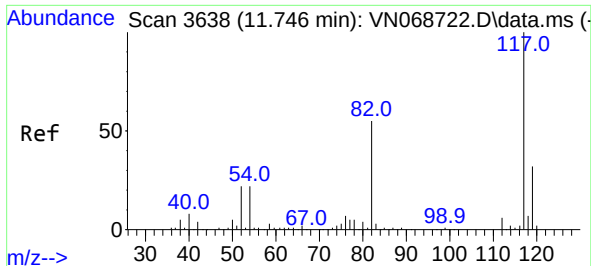
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#56
Bromoform
Concen: 16.40 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 173 Resp: 59234
Ion Ratio Lower Upper
173 100
175 49.4 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

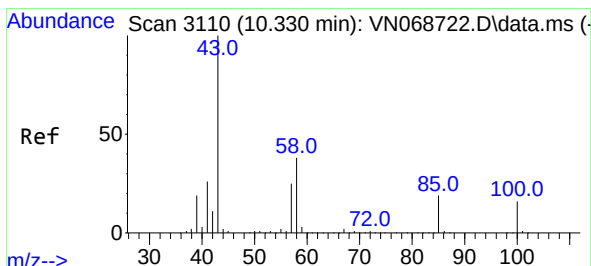
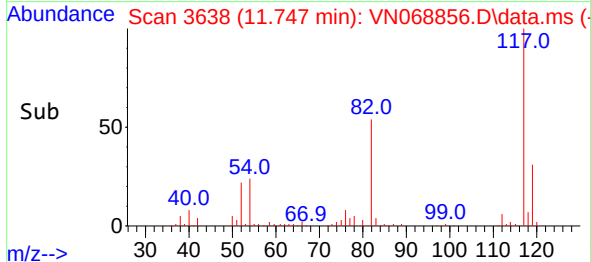
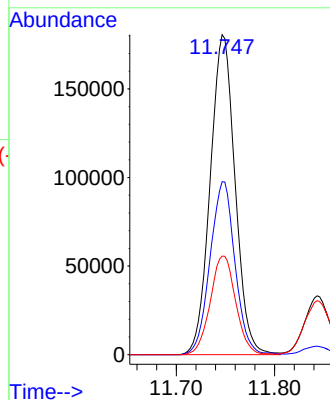
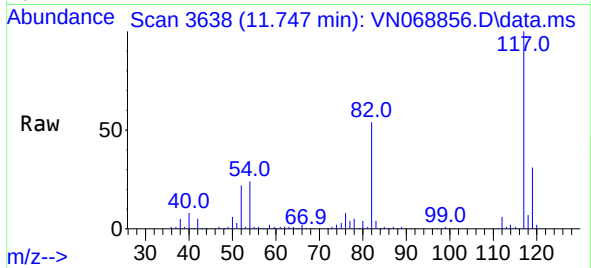
Tgt Ion: 117 Resp: 317307
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 31.5 25.8 38.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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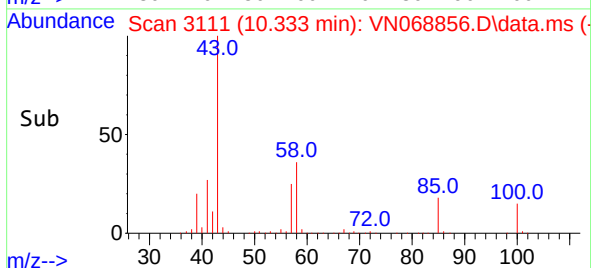
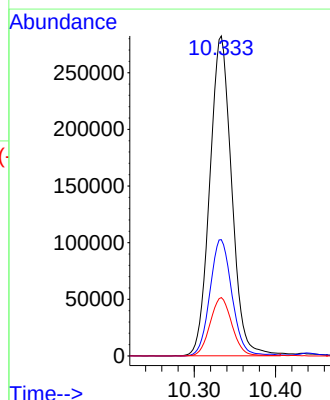
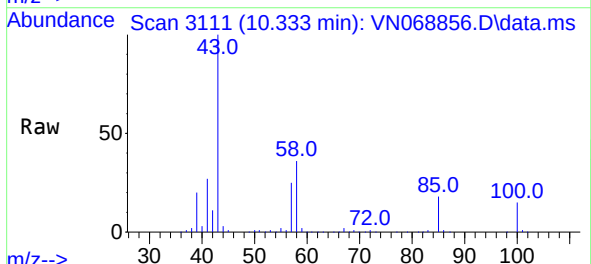
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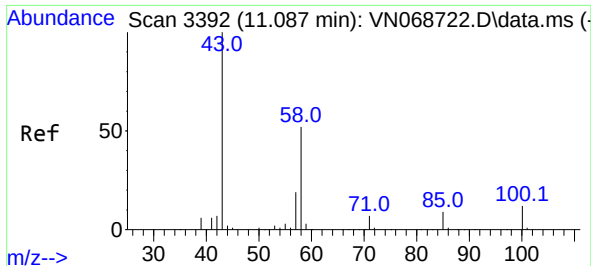
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#58
4-Methyl-2-Pentanone
Concen: 98.59 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 43 Resp: 528032
Ion Ratio Lower Upper
43 100
58 36.6 30.0 45.0
85 18.3 15.0 22.6





#59
2-Hexanone
Concen: 94.19 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

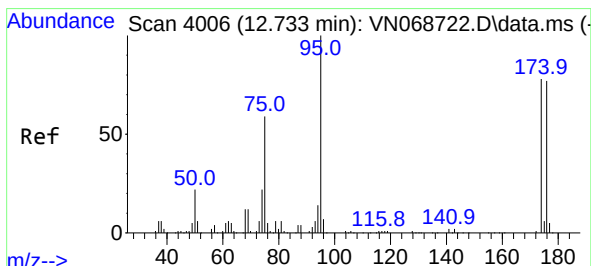
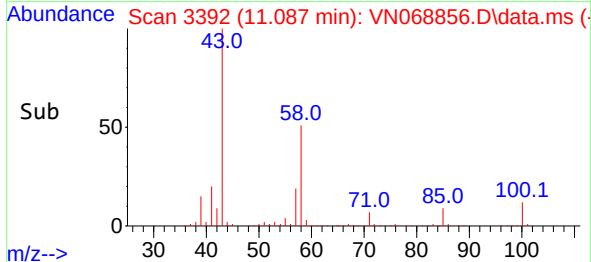
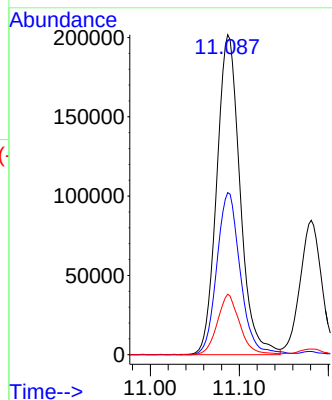
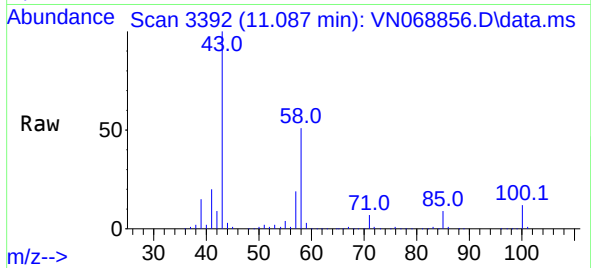
Tgt Ion: 43 Resp: 367450
Ion Ratio Lower Upper
43 100
58 51.0 42.2 63.2
57 18.1 15.0 22.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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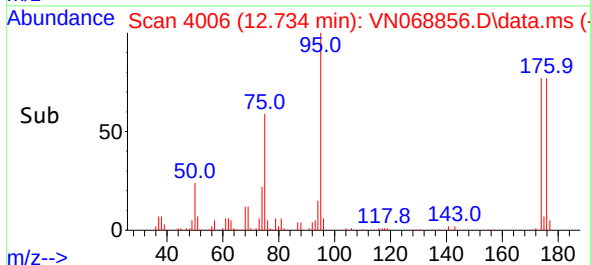
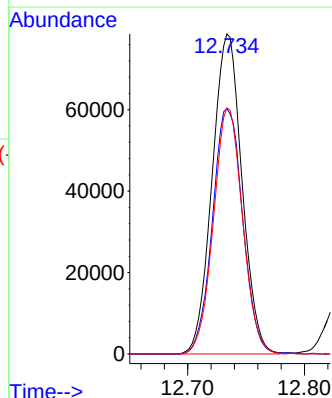
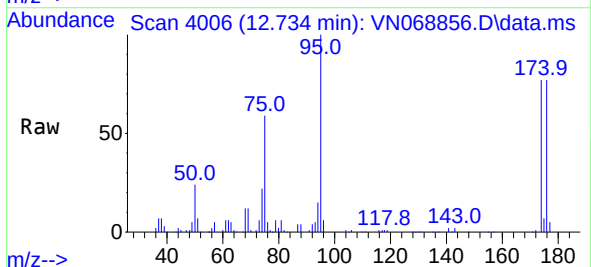
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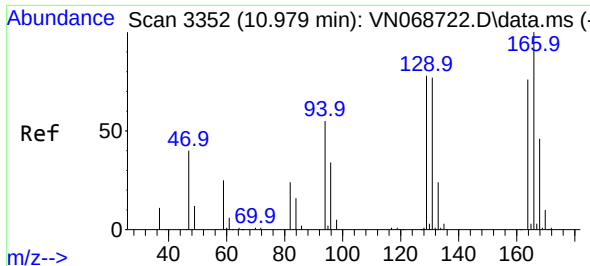
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#60
4-Bromofluorobenzene
Concen: 28.07 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 95 Resp: 139151
Ion Ratio Lower Upper
95 100
174 77.8 62.9 94.3
176 75.3 61.0 91.4





#61
Tetrachloroethene
Concen: 19.56 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

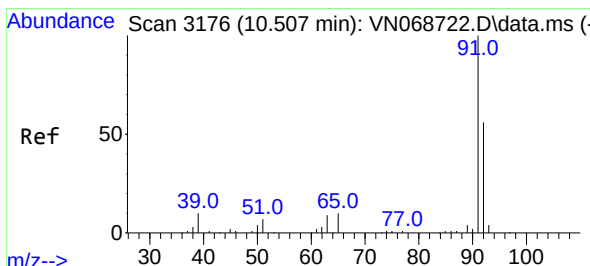
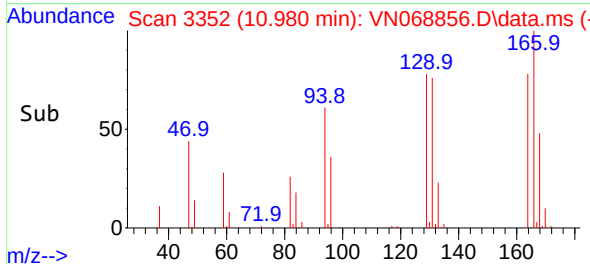
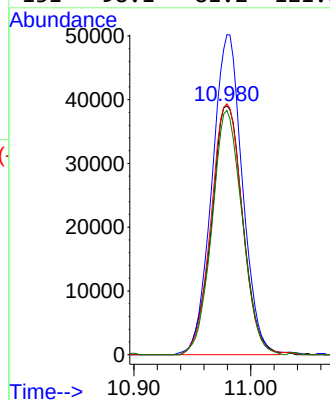
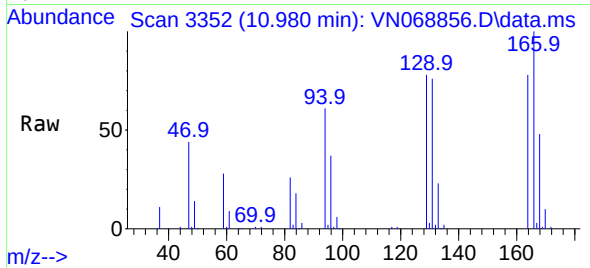
Tgt Ion:	164	Resp:	72734
Ion	Ratio	Lower	Upper
164	100		
166	127.8	105.8	158.8
129	100.9	82.5	123.7
131	98.1	81.2	121.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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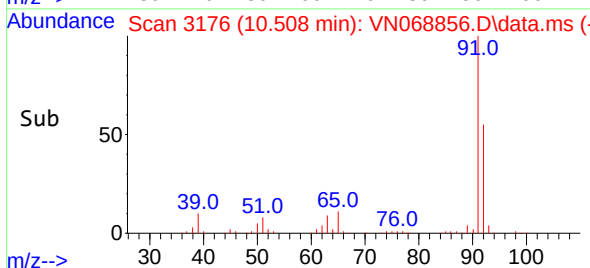
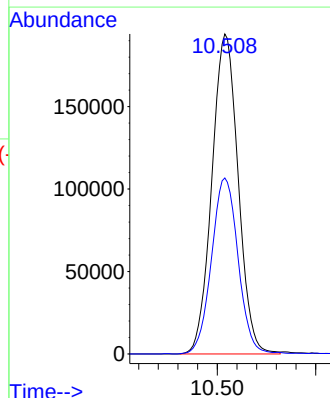
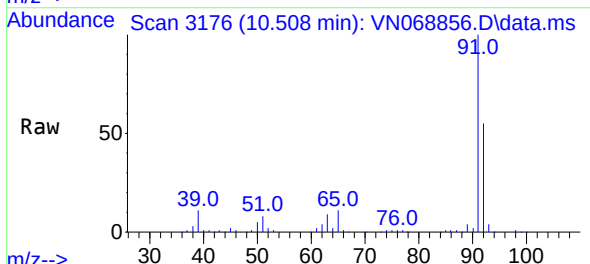
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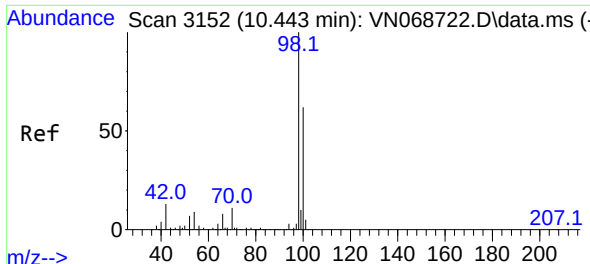
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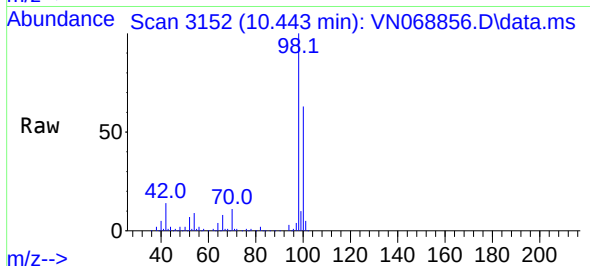
#62
Toluene
Concen: 19.01 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:	91	Resp:	360696
Ion	Ratio	Lower	Upper
91	100		
92	55.4	44.6	67.0

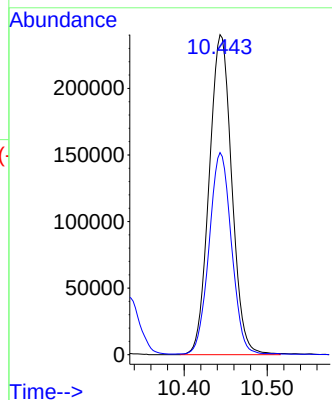




#63
Toluene-d8
Concen: 31.65 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



Tgt Ion: 98 Resp: 453921
Ion Ratio Lower Upper
98 100
100 62.1 50.6 76.0

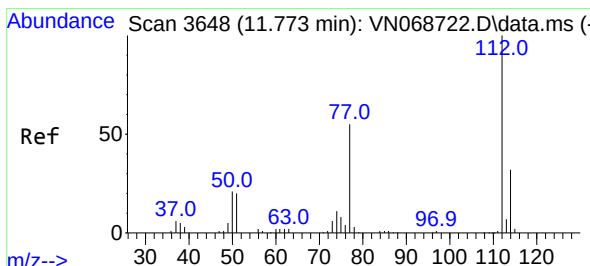


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

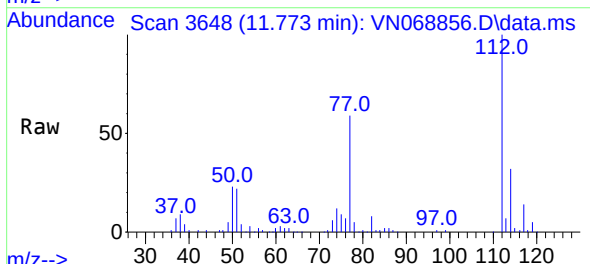
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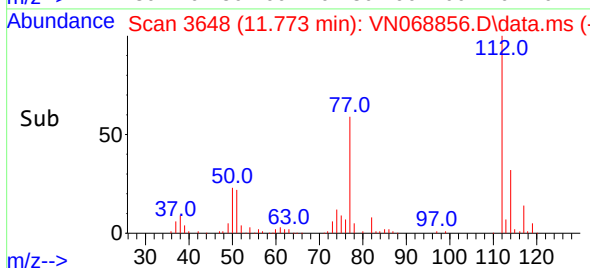
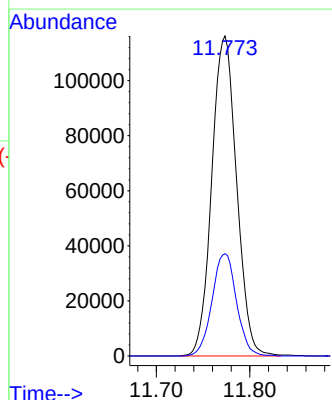
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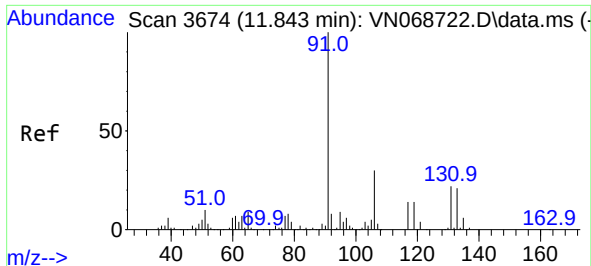


#64
Chlorobenzene
Concen: 18.42 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



Tgt Ion: 112 Resp: 214449
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.00 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

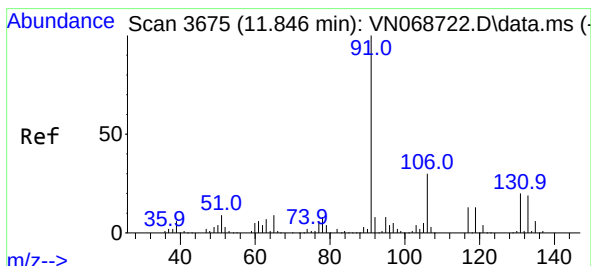
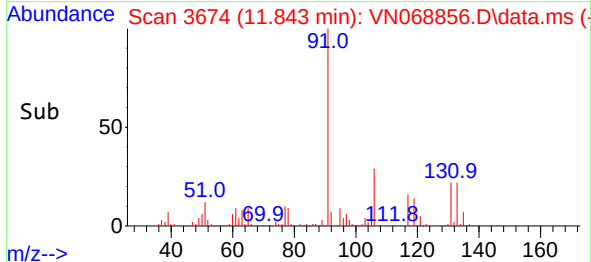
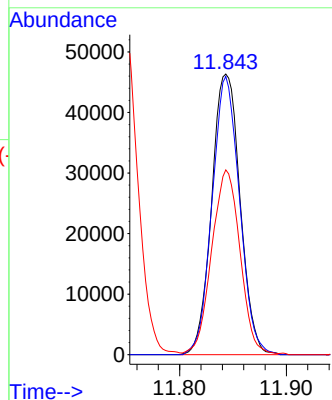
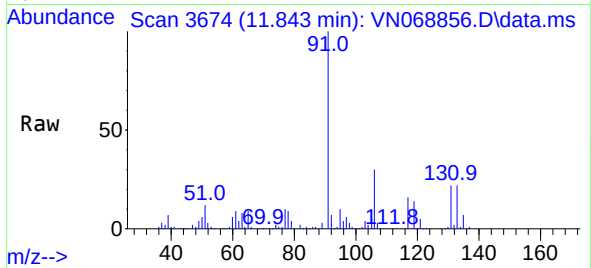
Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	0.0	191.2
119	65.8	0.0	128.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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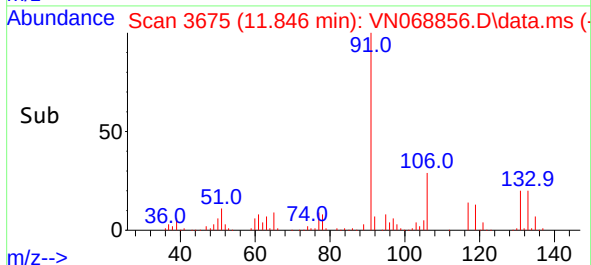
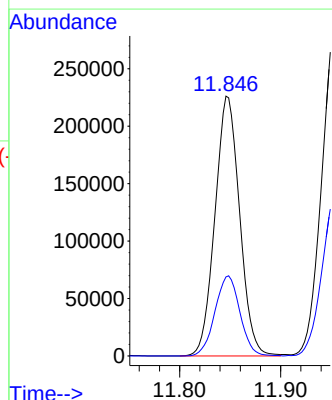
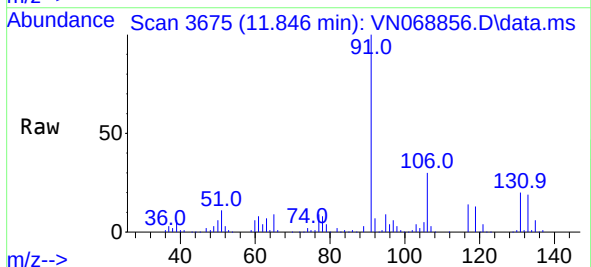
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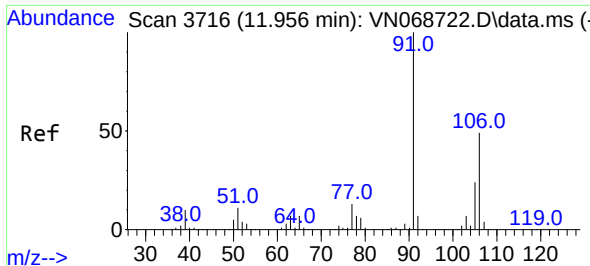
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#66
Ethyl Benzene
Concen: 17.94 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.0	36.0





#67
m/p-Xylenes
Concen: 35.16 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

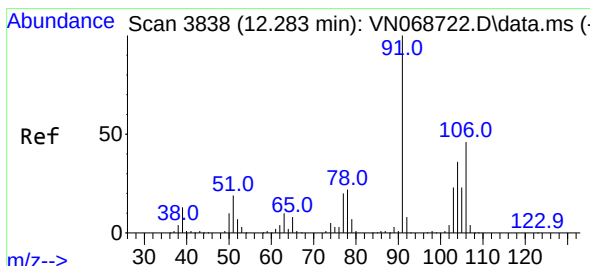
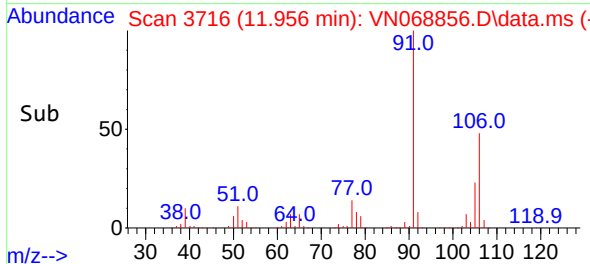
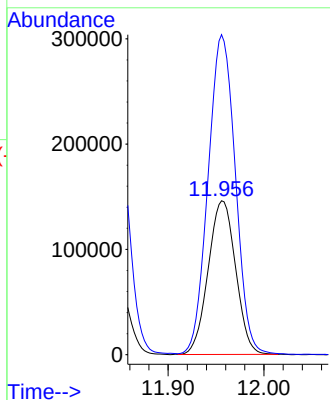
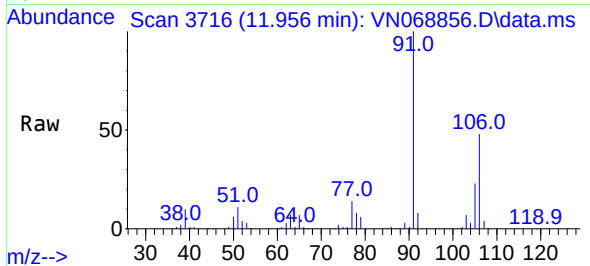
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 290255
Ion Ratio Lower Upper
106 100
91 207.0 162.9 244.3

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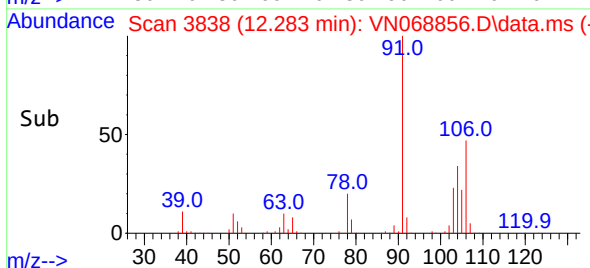
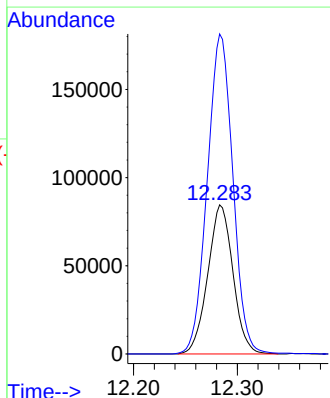
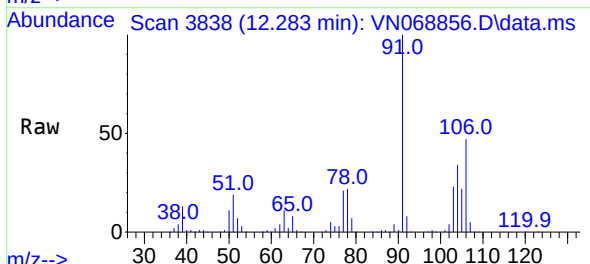
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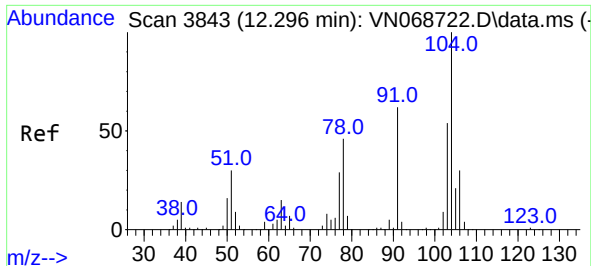
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#68
o-Xylene
Concen: 17.56 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:106 Resp: 142679
Ion Ratio Lower Upper
106 100
91 217.6 107.7 323.1





#69
Styrene
Concen: 17.03 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

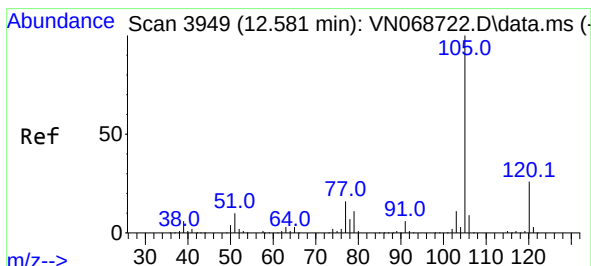
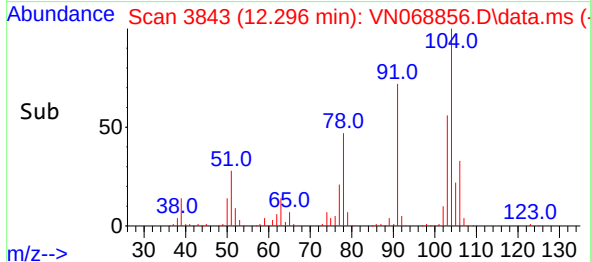
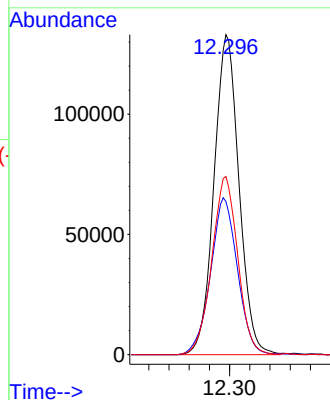
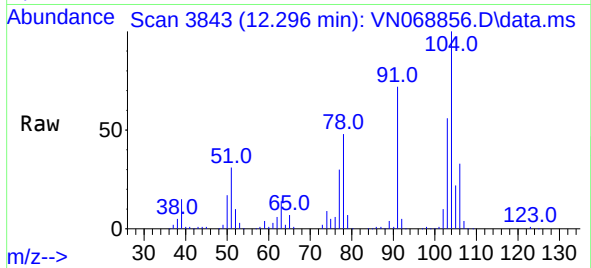
Tgt Ion:104 Resp: 228378
Ion Ratio Lower Upper
104 100
78 52.8 40.7 61.1
103 57.8 45.8 68.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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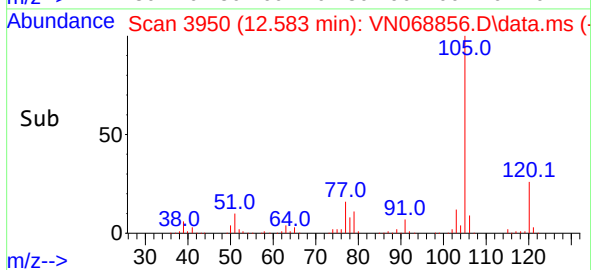
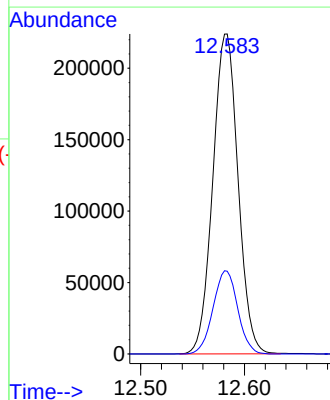
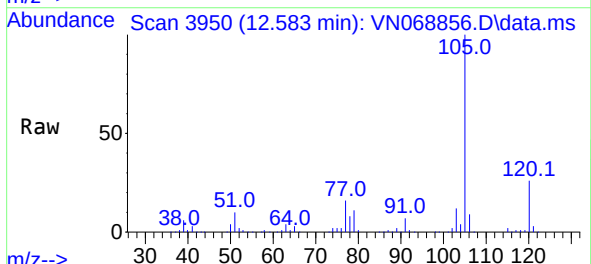
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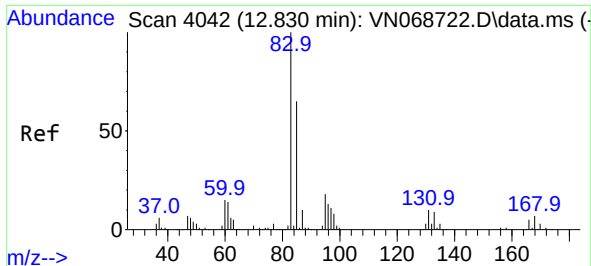
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#70
Isopropylbenzene
Concen: 17.52 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:105 Resp: 377541
Ion Ratio Lower Upper
105 100
120 25.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.17 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

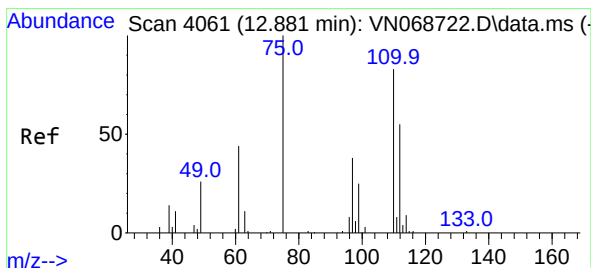
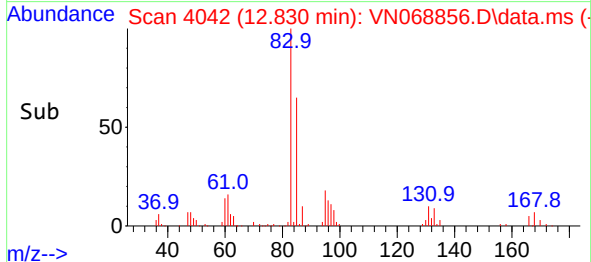
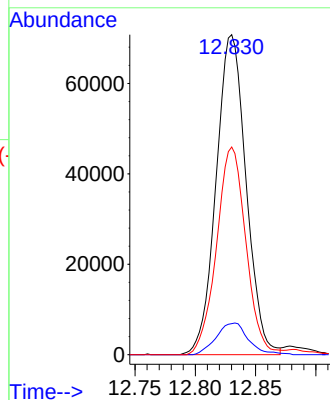
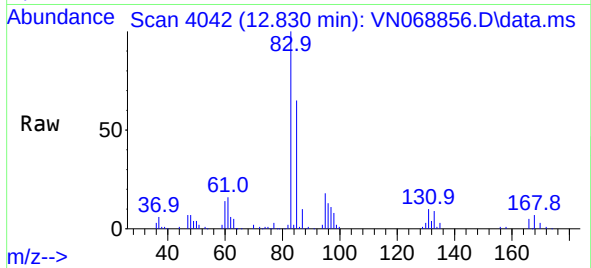
Tgt Ion: 83 Resp: 122454
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 63.5 33.1 99.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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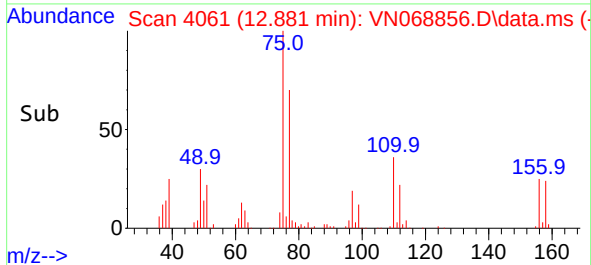
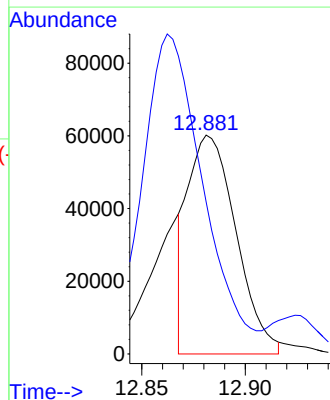
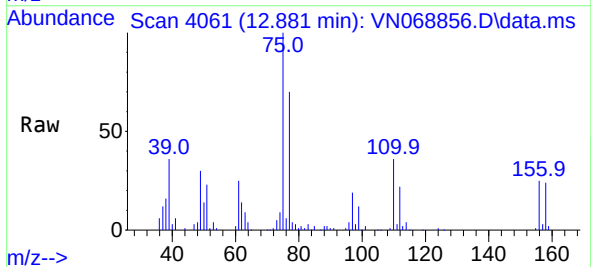
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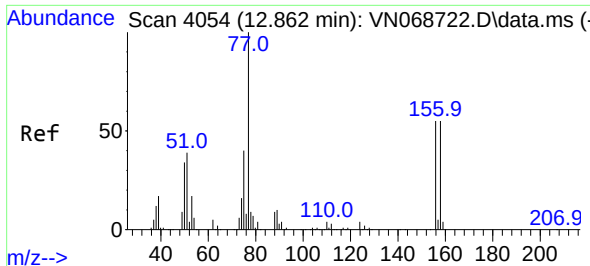
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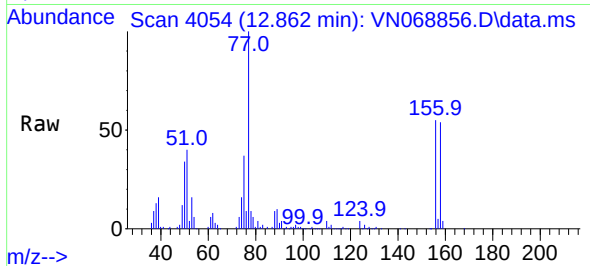
#72
1,2,3-Trichloropropane
Concen: 19.86 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 75 Resp: 97693
Ion Ratio Lower Upper
75 100
77 185.1 0.0 378.0

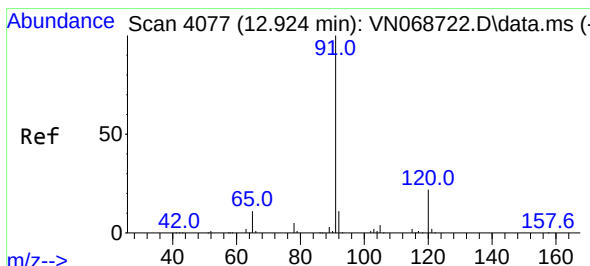
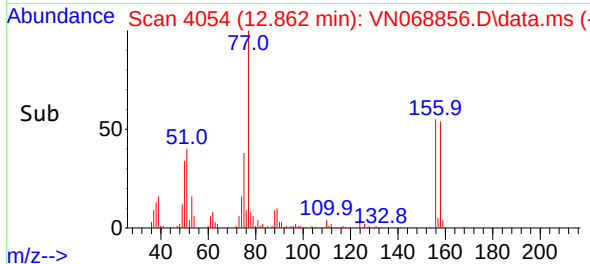
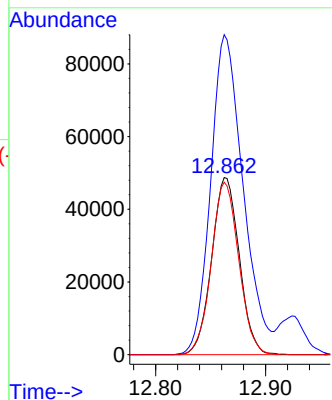




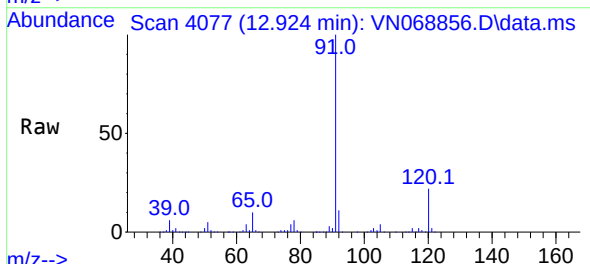
#73
Bromobenzene
Concen: 17.44 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



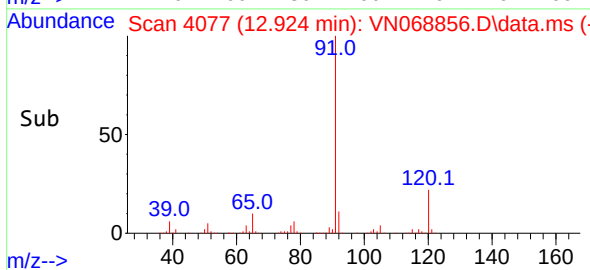
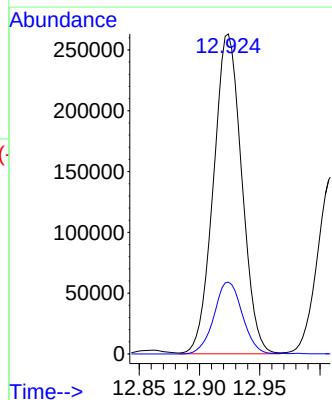
Tgt Ion:156 Resp: 85060
Ion Ratio Lower Upper
156 100
77 212.6 0.0 416.0
158 96.8 0.0 195.4



#74
n-propylbenzene
Concen: 17.37 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



Tgt Ion: 91 Resp: 428998
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0

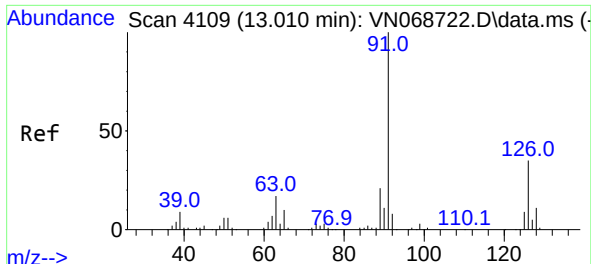


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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#75
2-Chlorotoluene
Concen: 17.69 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

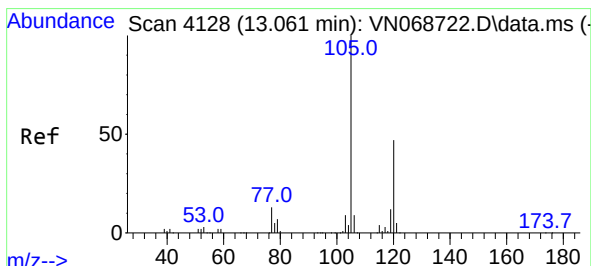
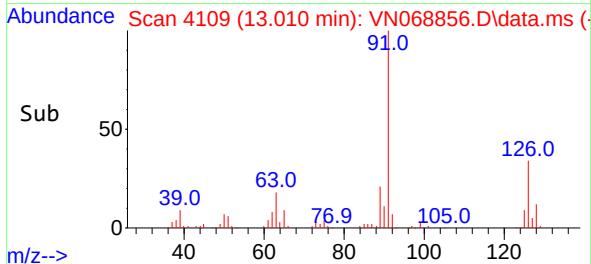
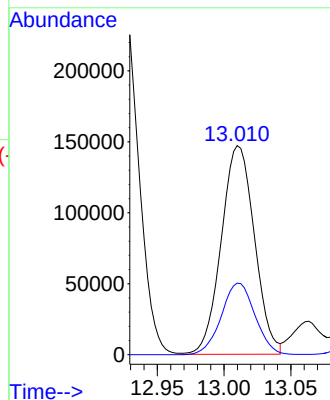
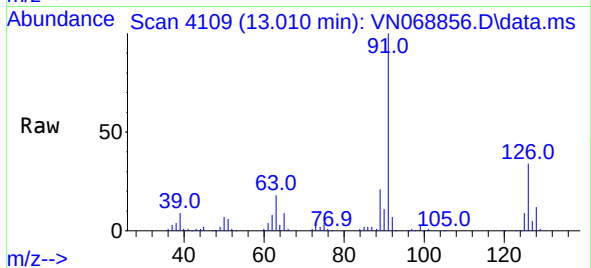
Tgt Ion: 91 Resp: 255087
Ion Ratio Lower Upper
91 100
126 34.8 0.0 69.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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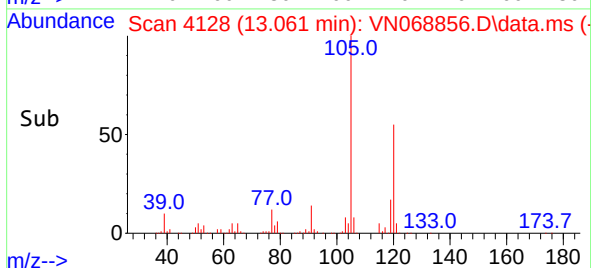
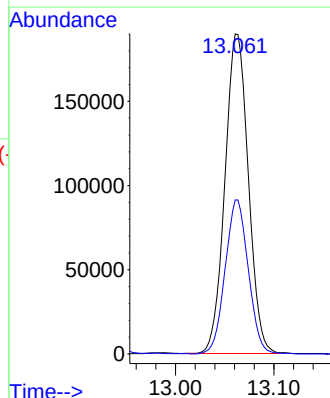
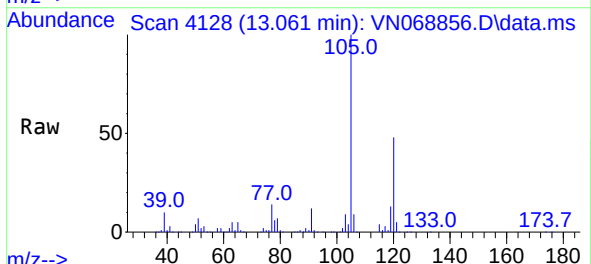
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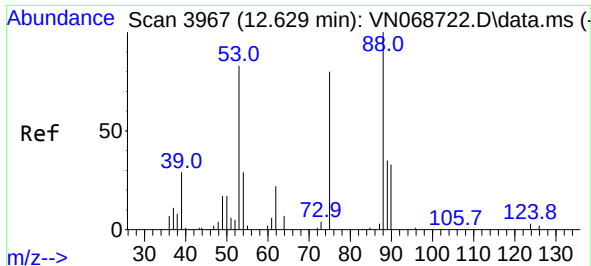
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#76
1,3,5-Trimethylbenzene
Concen: 17.62 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:105 Resp: 313594
Ion Ratio Lower Upper
105 100
120 47.7 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.12 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

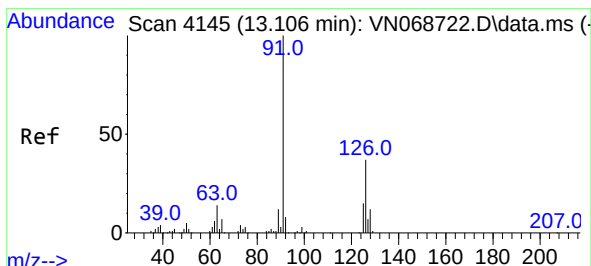
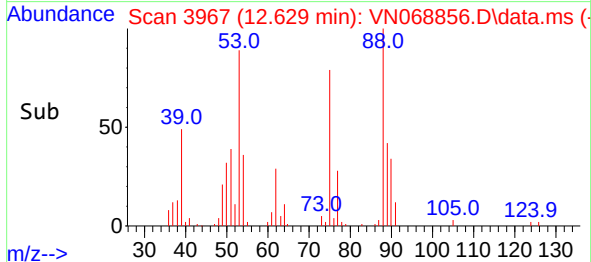
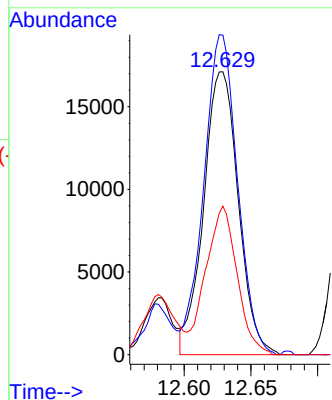
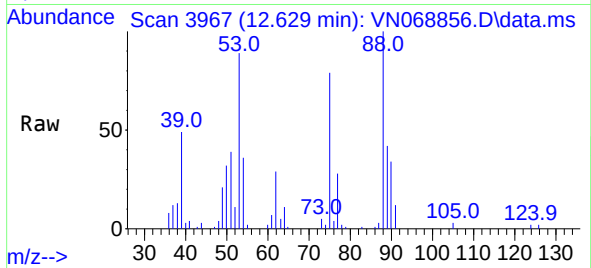
Tgt Ion: 75 Resp: 30934
Ion Ratio Lower Upper
75 100
53 112.9 51.8 155.5
89 52.5 22.9 68.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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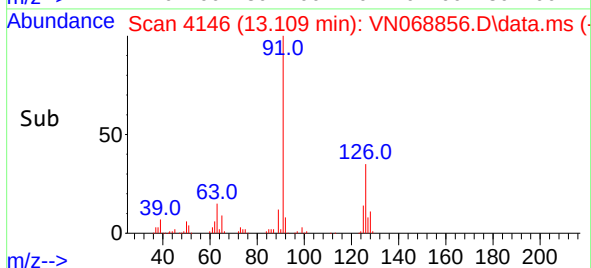
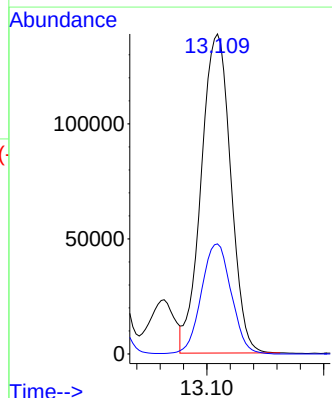
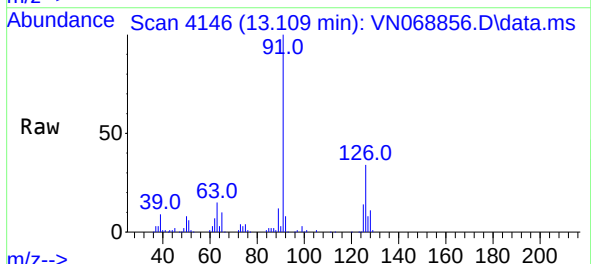
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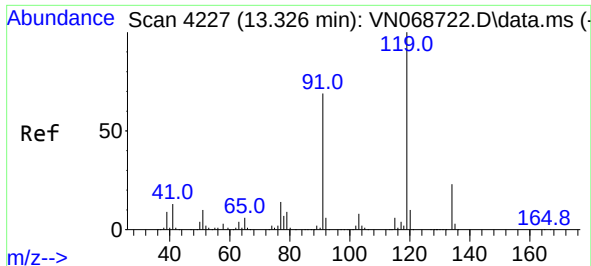
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#78
4-Chlorotoluene
Concen: 17.03 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion: 91 Resp: 243259
Ion Ratio Lower Upper
91 100
126 35.0 0.0 70.6





#79
tert-butylbenzene
Concen: 17.32 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

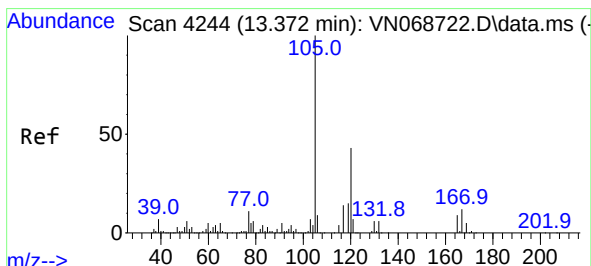
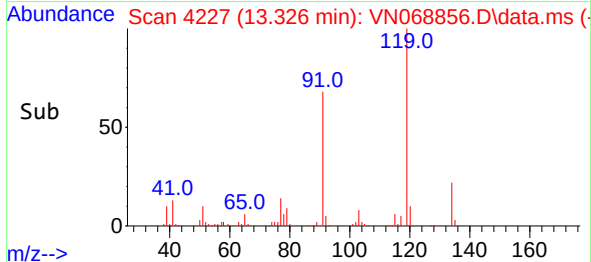
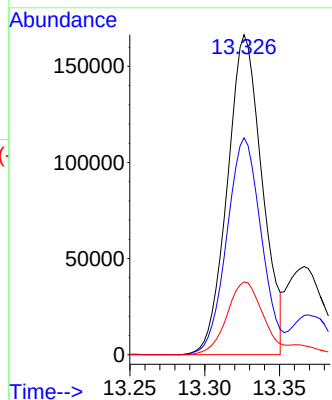
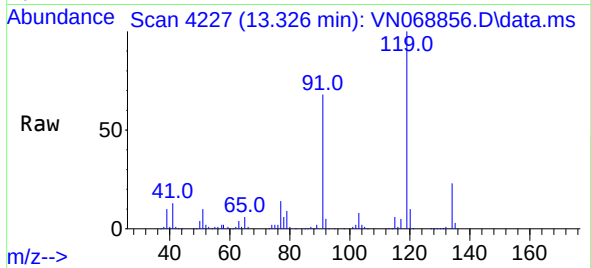
Tgt Ion:119 Resp: 269018
Ion Ratio Lower Upper
119 100
91 67.7 0.0 137.0
134 23.8 0.0 47.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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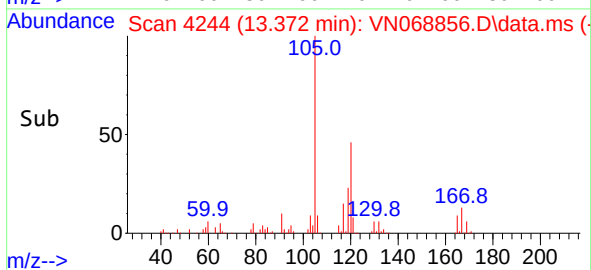
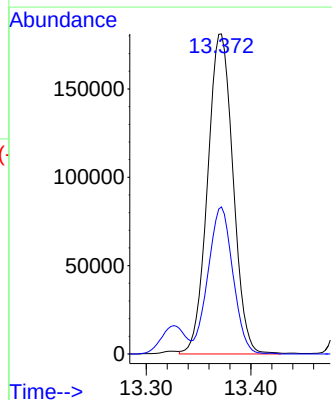
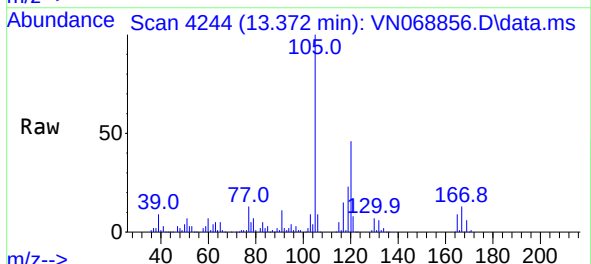
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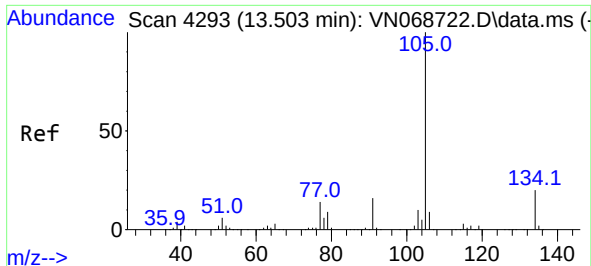
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#80
1,2,4-Trimethylbenzene
Concen: 17.36 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:105 Resp: 306272
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
sec-Butylbenzene
Concen: 17.18 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

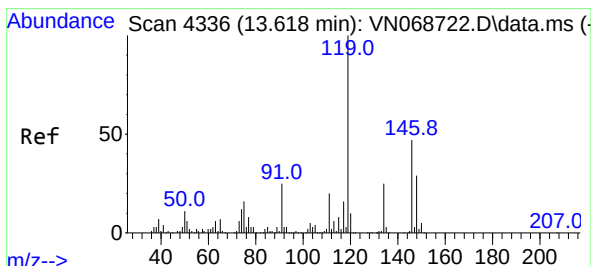
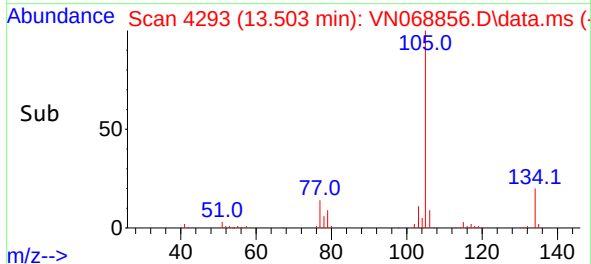
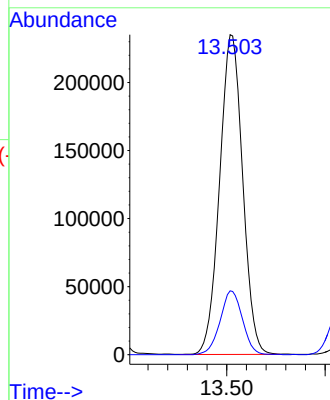
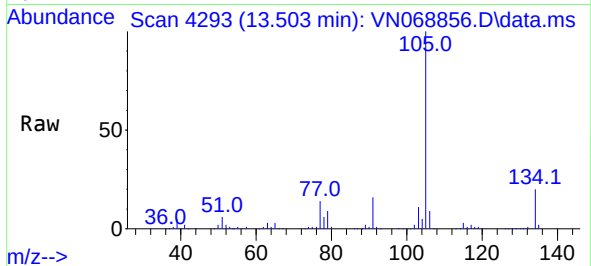
Tgt Ion:105 Resp: 382645
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.4

Instrument :
MSVOA_N
ClientSampleId :
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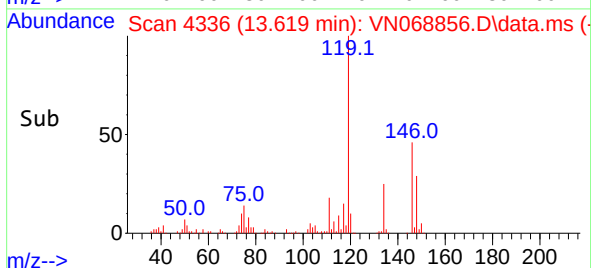
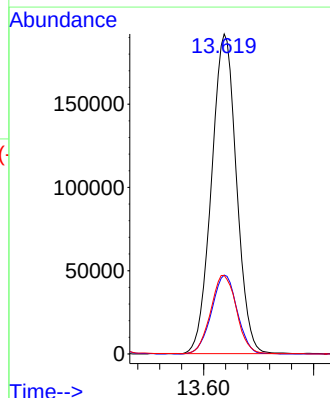
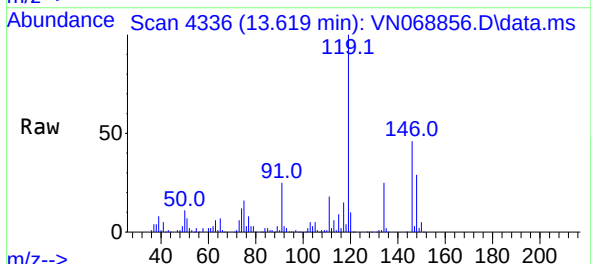
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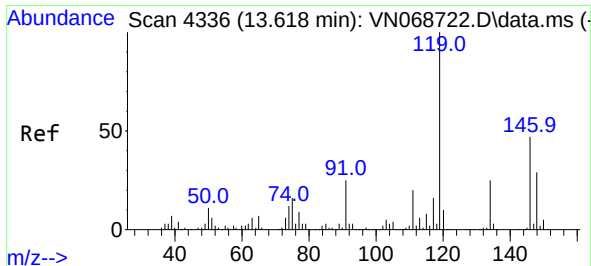
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#82
p-Isopropyltoluene
Concen: 16.40 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:119 Resp: 302489
Ion Ratio Lower Upper
119 100
134 25.4 0.0 51.8
91 25.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 16.64 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

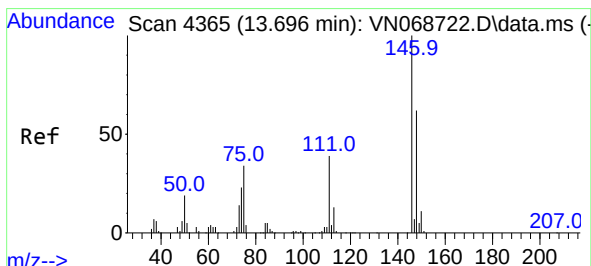
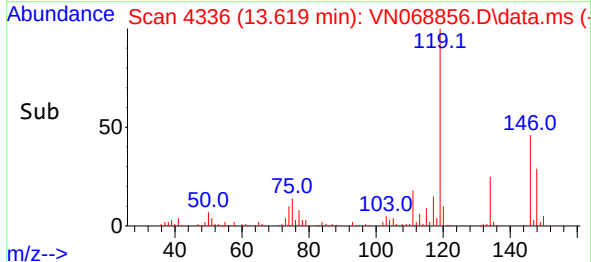
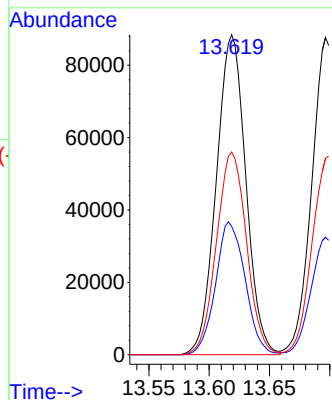
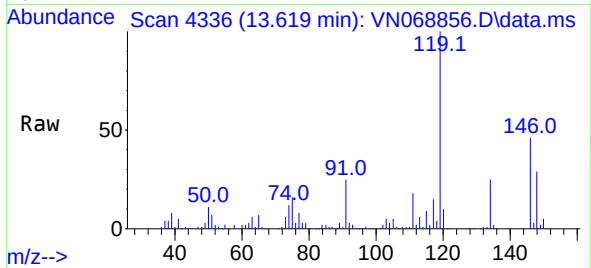
Tgt Ion:146 Resp: 150568
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.2
148 64.7 31.4 94.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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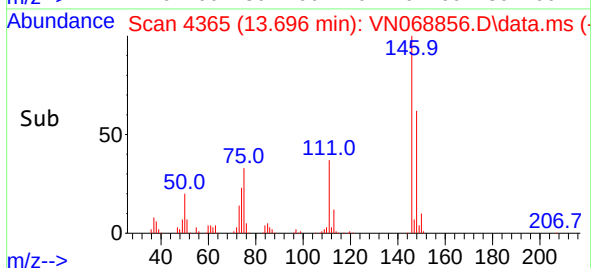
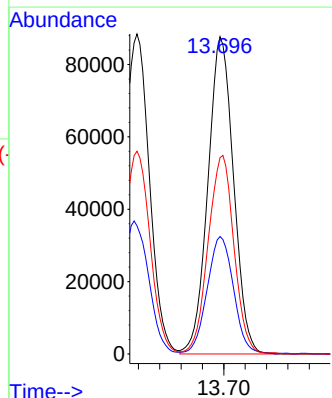
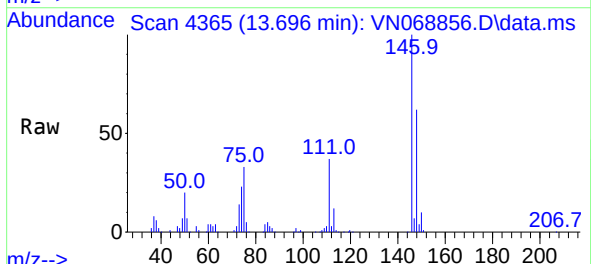
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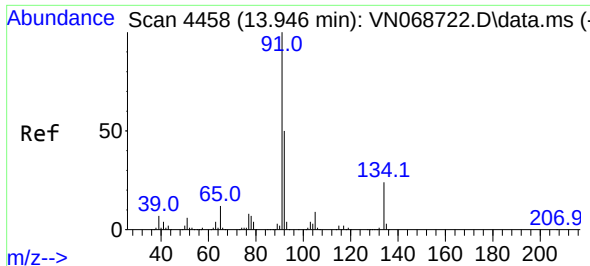
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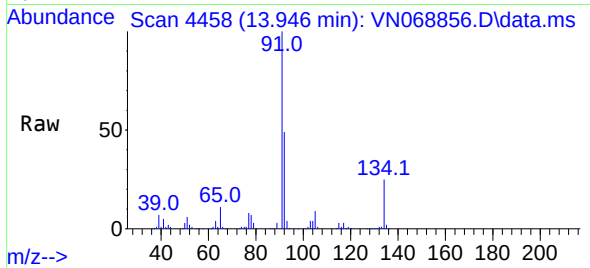
#84
1,4-Dichlorobenzene
Concen: 17.00 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Tgt Ion:146 Resp: 146339
Ion Ratio Lower Upper
146 100
111 38.1 19.5 58.5
148 63.1 31.1 93.5

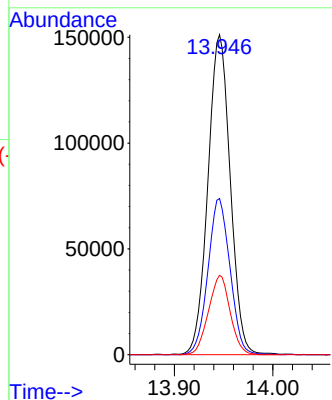




#85
n-Butylbenzene
Concen: 15.74 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



Tgt Ion: 91 Resp: 238841
Ion Ratio Lower Upper
91 100
92 48.2 0.0 100.6
134 24.0 0.0 50.2

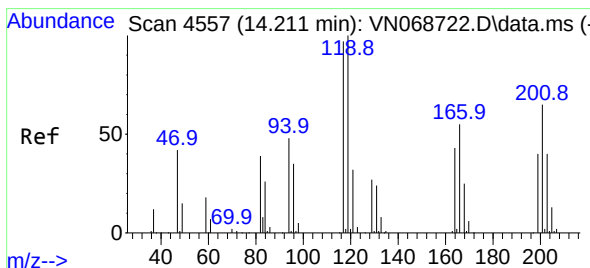


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

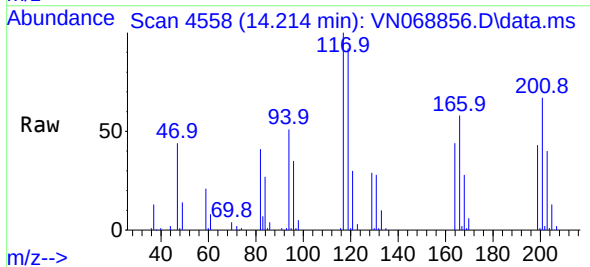
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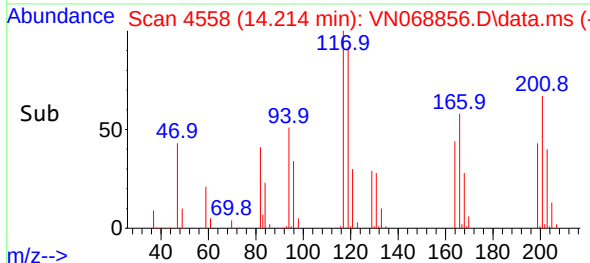
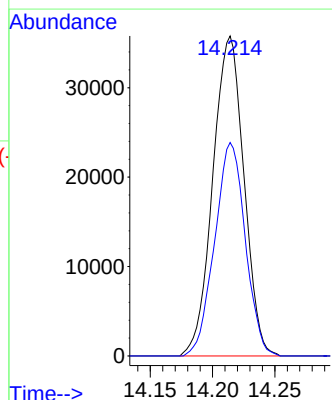
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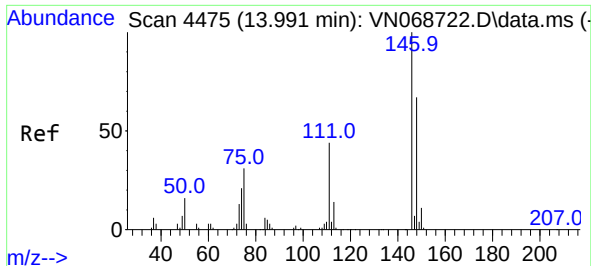


#86
Hexachloroethane
Concen: 17.92 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

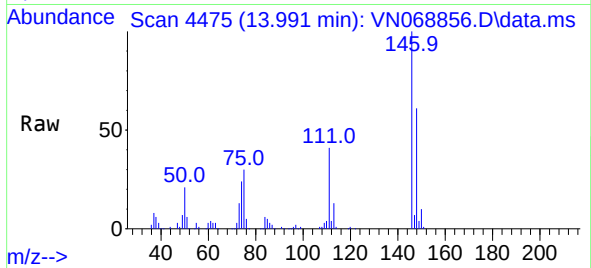


Tgt Ion: 117 Resp: 62218
Ion Ratio Lower Upper
117 100
201 65.6 33.3 99.8

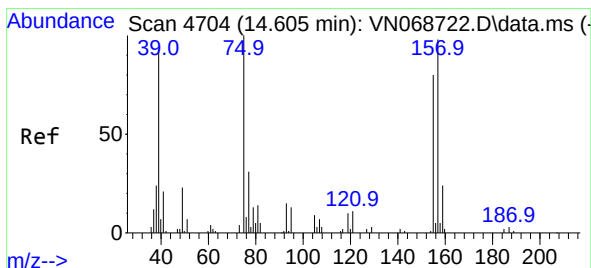
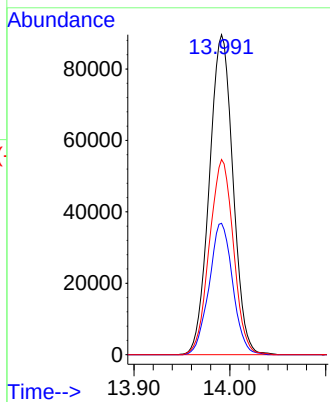
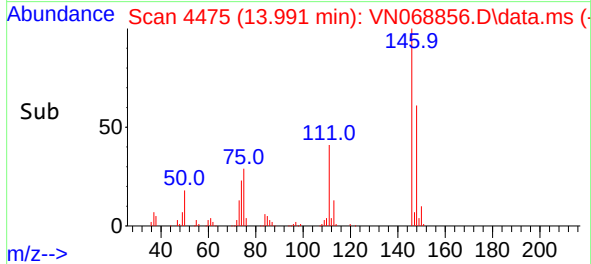




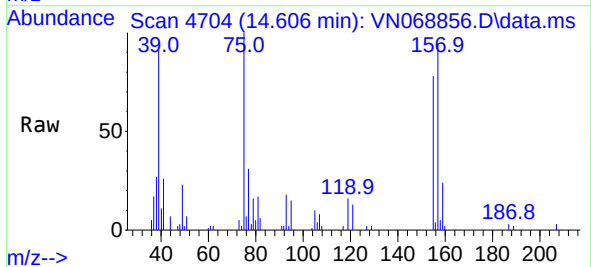
#87
1,2-Dichlorobenzene
Concen: 18.36 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



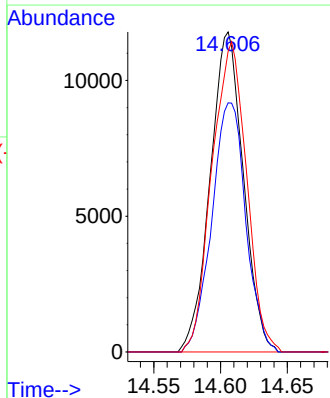
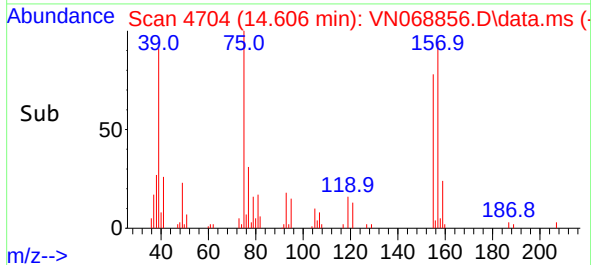
Tgt Ion:146 Resp: 153642
Ion Ratio Lower Upper
146 100
111 41.0 21.4 64.2
148 62.1 32.5 97.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.74 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



Tgt Ion: 75 Resp: 20346
Ion Ratio Lower Upper
75 100
155 79.9 63.8 95.8
157 101.0 77.9 116.9

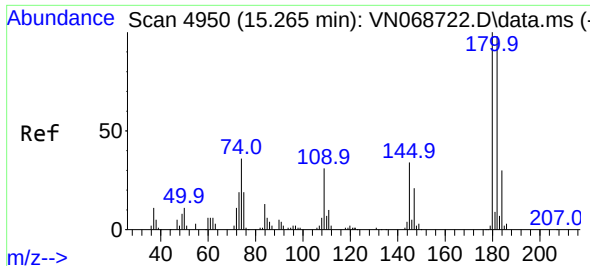


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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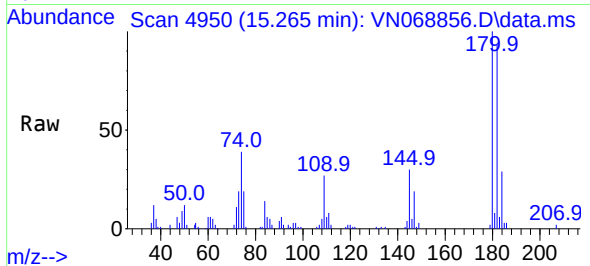
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#89
1,2,4-Trichlorobenzene
Concen: 15.02 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

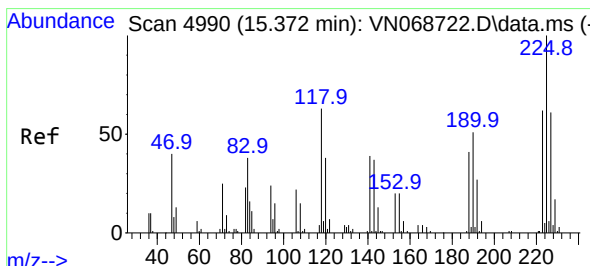
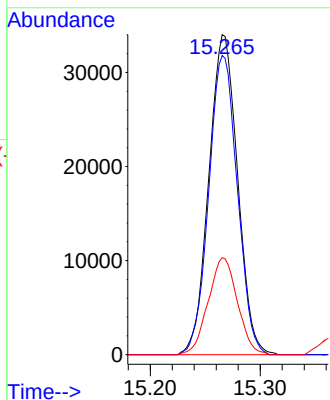
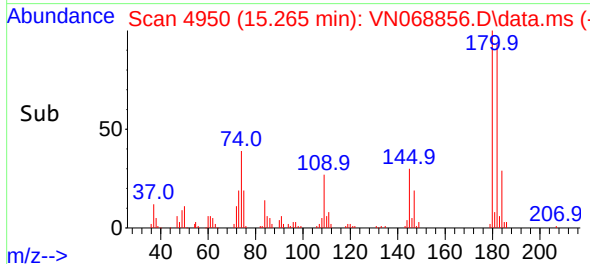


Tgt Ion:180 Resp: 61746
Ion Ratio Lower Upper
180 100
182 93.0 77.7 116.5
145 30.8 26.6 39.8

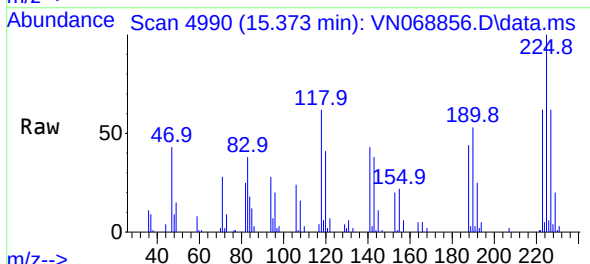
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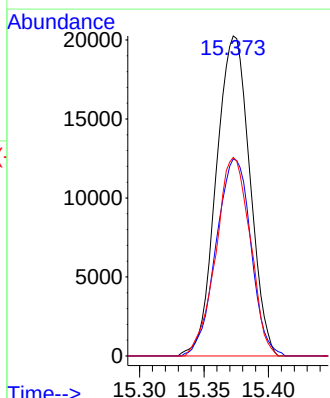
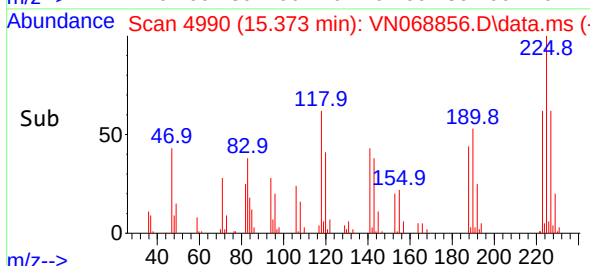
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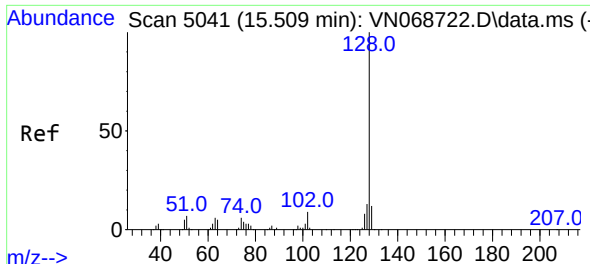


#90
Hexachlorobutadiene
Concen: 17.87 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



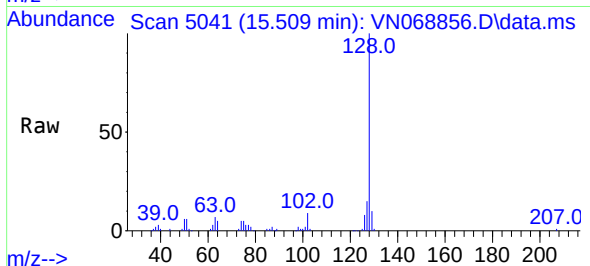
Tgt Ion:225 Resp: 36615
Ion Ratio Lower Upper
225 100
223 63.8 0.0 126.8
227 63.3 0.0 123.0





#91
Naphthalene
Concen: 13.34 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



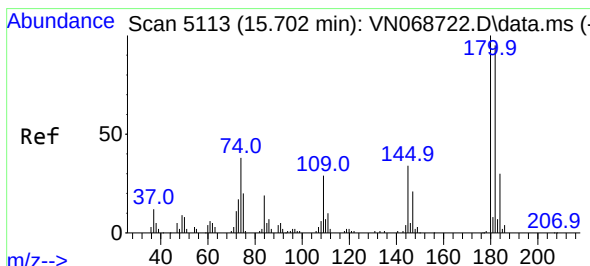
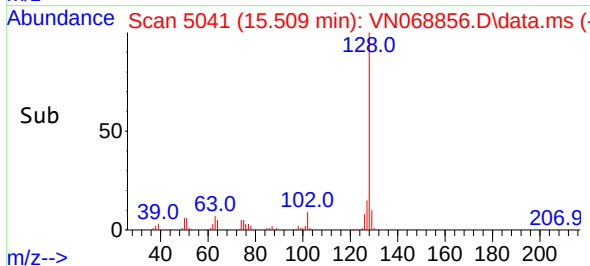
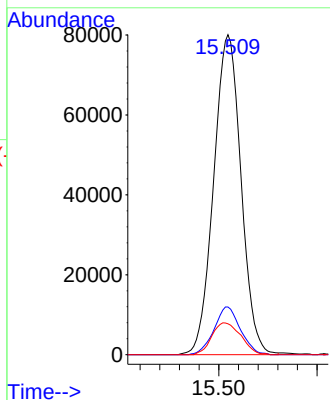
Tgt Ion:128 Resp: 154744

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.7	16.1
129	10.5	9.0	13.6

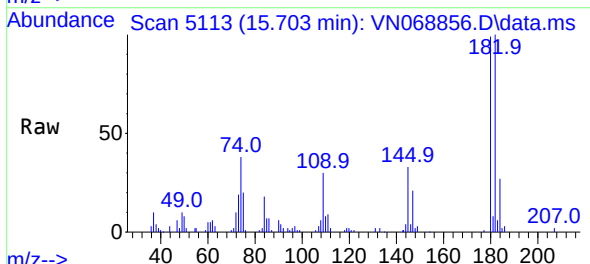
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#92
1,2,3-Trichlorobenzene
Concen: 15.66 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN068856.D
Acq: 8 Oct 2021 18:35



Tgt Ion:180 Resp: 61709

Ion	Ratio	Lower	Upper
180	100		
182	97.2	0.0	190.0
145	32.8	0.0	67.8

