

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020321\
 Data File : VN065695.D
 Acq On : 3 Feb 2021 12:50
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:33:10 AM

Quant Time: Feb 03 13:36:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 13:35:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.148	128	28488	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	165147	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	139645	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	60531	33.35	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	111.17%#	
60) 4-Bromofluorobenzene	12.370	95	65675	30.43	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	101.43%	
63) Toluene-d8	10.055	98	208052	33.35	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	111.17%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	8192	5.62	ug/l	94
3) Chloromethane	2.036	50	12709	6.79	ug/l	99
4) Vinyl Chloride	2.168	62	12160	6.01	ug/l	99
5) Bromomethane	2.537	94	8128	5.88	ug/l	98
6) Chloroethane	2.679	64	7176	5.61	ug/l	94
7) Trichlorofluoromethane	2.991	101	12981	5.08	ug/l	96
8) Diethyl Ether	3.377	74	5852	5.53	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.711	101	7716	5.07	ug/l	92
10) 1,1-Dichloroethene	3.695	96	8396	5.33	ug/l	90
11) Methyl Iodide	3.907	142	10973	4.51	ug/l	98
12) Methyl Acetate	4.283	43	10837	6.76	ug/l	92
13) Acrolein	3.569	56	6300	23.75	ug/l	100
14) Acrylonitrile	4.936	53	21264	29.38	ug/l	96
15) Acetone	3.778	58	8088	35.36	ug/l	98
16) Carbon Disulfide	4.003	76	26863	6.64	ug/l	96
17) Allyl chloride	4.274	41	14966	6.31	ug/l	94
18) Methylene Chloride	4.499	84	10309	5.96	ug/l	94
19) trans-1,2-Dichloroethene	4.981	96	9508	5.92	ug/l	94
20) Diisopropyl ether	5.907	45	32780	6.65	ug/l	94
21) 1,1-Dichloroethane	5.791	63	17877	6.19	ug/l	98
22) cis-1,2-Dichloroethene	6.775	96	10478	5.61	ug/l	93
23) tert-Butyl Alcohol	4.766	59	7790	33.32	ug/l #	100
24) Methyl tert-Butyl Ether	4.997	73	27915	5.89	ug/l	97
25) Chloroform	7.325	83	15935	5.48	ug/l	100
26) Cyclohexane	7.608	56	16558	6.62	ug/l #	90
29) 1,1-Dichloropropene	7.749	75	13092	5.47	ug/l	96
30) 2-Butanone	6.791	43	29436	29.81	ug/l	93
31) 2,2-Dichloropropane	6.769	77	14103	5.69	ug/l	97
32) 1,1,1-Trichloroethane	7.524	97	13398	5.09	ug/l	97
33) Carbon Tetrachloride	7.727	117	10378	4.51	ug/l	94
34) Benzene	7.997	78	41261	5.61	ug/l #	72
35) Methacrylonitrile	7.129	41	5914	5.95	ug/l	87
36) 1,2-Dichloroethane	8.084	62	12197	5.14	ug/l	99
37) Trichloroethene	8.798	130	9618	4.55	ug/l	94
38) Methylcyclohexane	9.039	83	15759	5.63	ug/l	92
39) 1,2-Dichloropropane	9.077	63	10949	5.69	ug/l	97
40) Dibromomethane	9.174	93	6234	4.99	ug/l	83
41) Bromodichloromethane	9.367	83	12385	5.07	ug/l #	92
42) Vinyl Acetate	5.846	43	126252	29.55	ug/l	97

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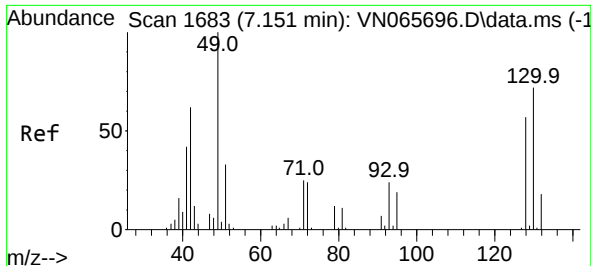
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.888	43	10690m	5.11	ug/l	
44) Isopropyl Acetate	8.126	43	20163	5.75	ug/l	99
45) 1,4-Dioxane	9.174	88	3161	120.79	ug/l #	83
46) Methyl methacrylate	9.164	41	9935	5.78	ug/l	96
47) n-amyl Acetate	12.042	43	15881	5.28	ug/l	92
48) t-1,3-Dichloropropene	10.351	75	14030	5.09	ug/l	96
49) cis-1,3-Dichloropropene	9.804	75	16202	5.34	ug/l	99
50) 1,1,2-Trichloroethane	10.531	97	9097	4.98	ug/l	96
51) Ethyl methacrylate	10.396	69	13767	5.22	ug/l	97
52) 1,3-Dichloropropane	10.675	76	16187	5.26	ug/l	99
53) Dibromochloromethane	10.868	129	8808	4.40	ug/l	96
54) 1,2-Dibromoethane	10.974	107	8571	4.42	ug/l	97
55) 2-Chloroethyl vinyl ether	9.659	63	25411	21.43	ug/l	95
56) Bromoform	12.096	173	5324	3.51	ug/l #	91
58) 4-Methyl-2-Pentanone	9.949	43	57715	29.98	ug/l	97
59) 2-Hexanone	10.720	43	41430	29.74	ug/l	96
61) Tetrachloroethene	10.598	164	9633	4.49	ug/l #	87
62) Toluene	10.119	91	42298	5.72	ug/l	99
64) Chlorobenzene	11.402	112	24099	5.10	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.476	131	8439	4.82	ug/l	97
66) Ethyl Benzene	11.479	91	43584	5.40	ug/l	98
67) m/p-Xylenes	11.592	106	32052	10.24	ug/l	96
68) o-Xylene	11.916	106	15922	5.25	ug/l	96
69) Styrene	11.932	104	23820	4.75	ug/l	97
70) Isopropylbenzene	12.219	105	39843	5.04	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.473	83	11473	5.07	ug/l	97
72) 1,2,3-Trichloropropane	12.524	75	11868m	5.44	ug/l	
73) Bromobenzene	12.495	156	9089	4.19	ug/l	70
74) n-propylbenzene	12.559	91	44489	5.01	ug/l	95
75) 2-Chlorotoluene	12.643	91	28762	5.35	ug/l	91
76) 1,3,5-Trimethylbenzene	12.704	105	32990	4.90	ug/l	97
77) t-1,4-Dichloro-2-butene	12.270	75	4000	5.15	ug/l	93
78) 4-Chlorotoluene	12.743	91	26586	4.93	ug/l	93
79) tert-butylbenzene	12.965	119	28079	4.88	ug/l	96
80) 1,2,4-Trimethylbenzene	13.010	105	32698	4.88	ug/l	100
81) sec-Butylbenzene	13.141	105	36379	4.86	ug/l	94
82) p-Isopropyltoluene	13.257	119	31293	4.51	ug/l	96
83) 1,3-Dichlorobenzene	13.254	146	14147	3.90	ug/l	98
84) 1,4-Dichlorobenzene	13.334	146	13341	3.75	ug/l	96
85) n-Butylbenzene	13.585	91	25610	4.59	ug/l	96
86) Hexachloroethane	13.842	117	5289	4.58	ug/l	70
87) 1,2-Dichlorobenzene	13.624	146	14653	4.09	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.241	75	1798	4.34	ug/l #	72
89) 1,2,4-Trichlorobenzene	14.878	180	4946	2.64	ug/l	93
90) Hexachlorobutadiene	14.977	225	3843	3.23	ug/l	95
91) Naphthalene	15.100	128	14581	3.00	ug/l	98
92) 1,2,3-Trichlorobenzene	15.283	180	5086	2.75	ug/l	97

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



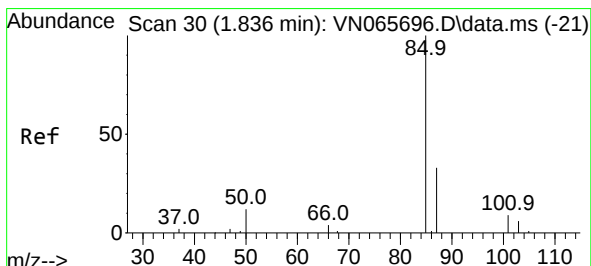
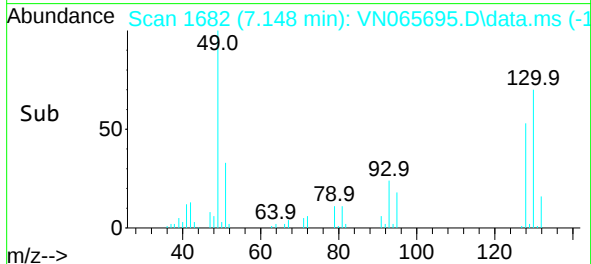
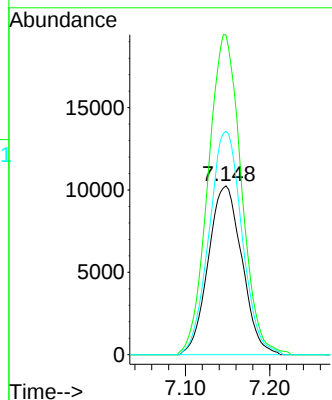
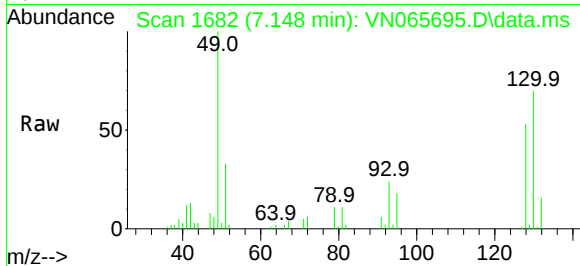
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:128 Resp: 28488
Ion Ratio Lower Upper
128 100
49 186.3 0.0 355.0
130 129.5 0.0 325.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

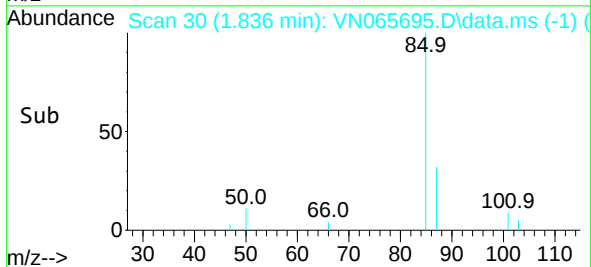
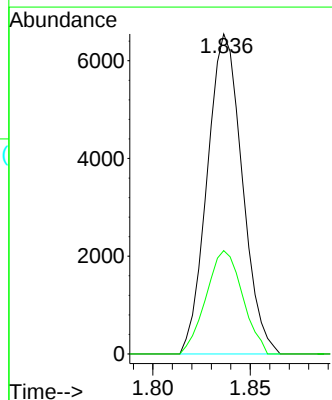
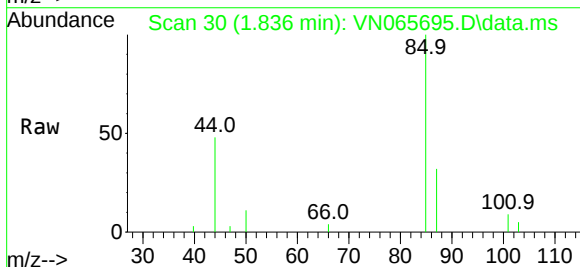
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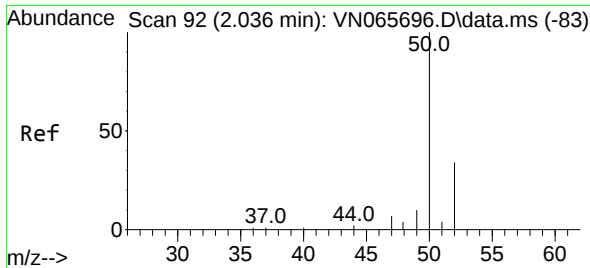
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#2
Dichlorodifluoromethane
Concen: 5.62 ug/l
RT: 1.836 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 85 Resp: 8192
Ion Ratio Lower Upper
85 100
87 32.3 14.6 43.8





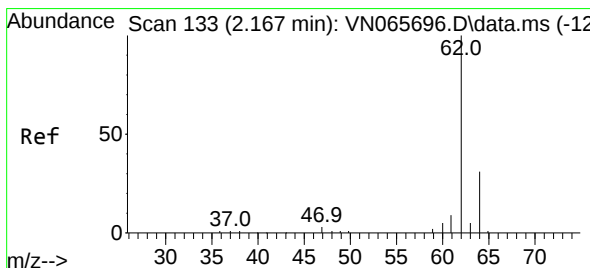
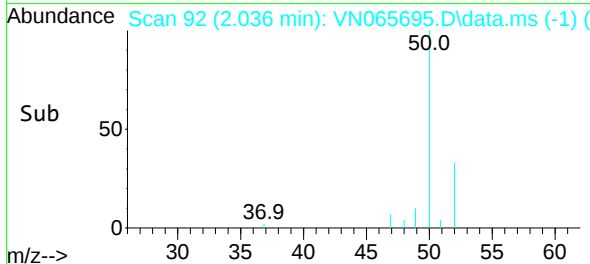
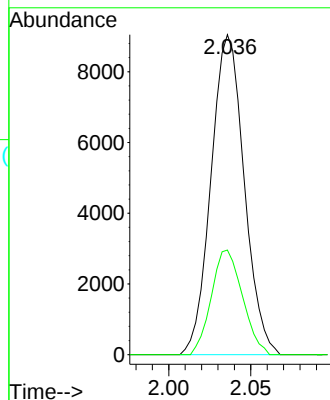
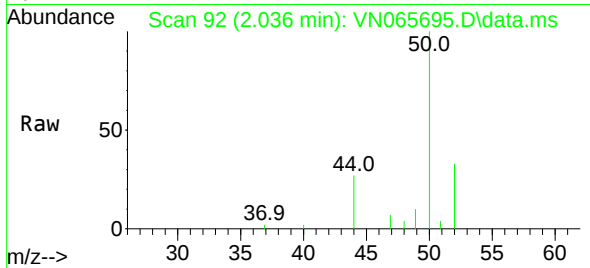
#3
Chloromethane
Concen: 6.79 ug/l
RT: 2.036 min Scan# 92
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 50 Resp: 12709
Ion Ratio Lower Upper
50 100
52 32.7 26.8 40.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

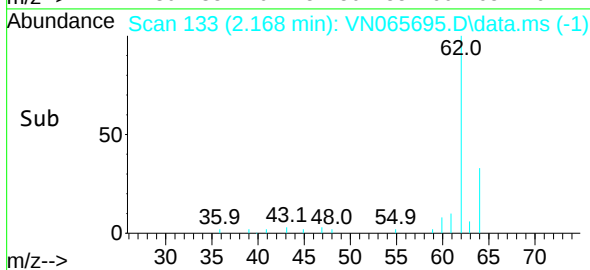
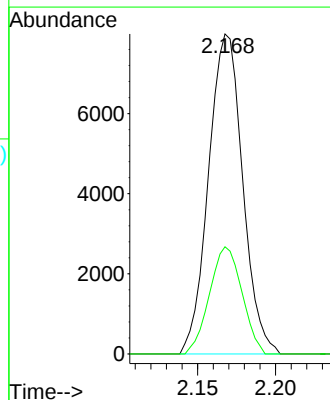
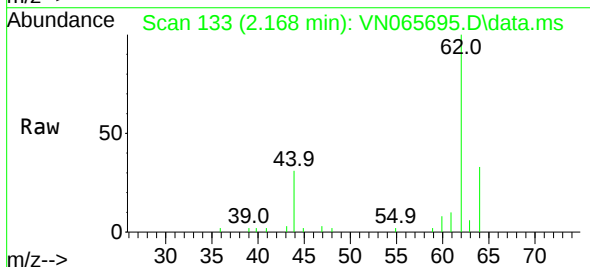
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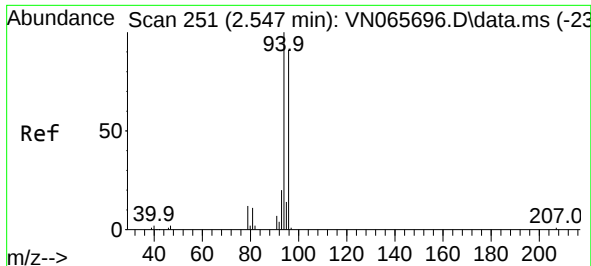
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#4
Vinyl Chloride
Concen: 6.01 ug/l
RT: 2.168 min Scan# 133
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

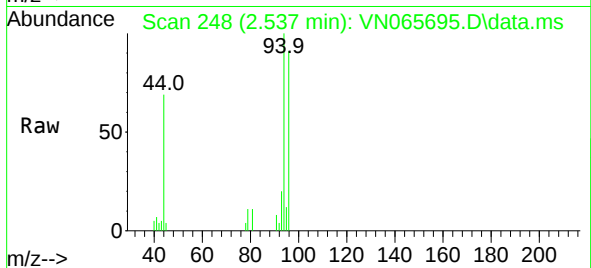
Tgt Ion: 62 Resp: 12160
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.4





#5
Bromomethane
Concen: 5.88 ug/l
RT: 2.537 min Scan# 248
Delta R.T. -0.010 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

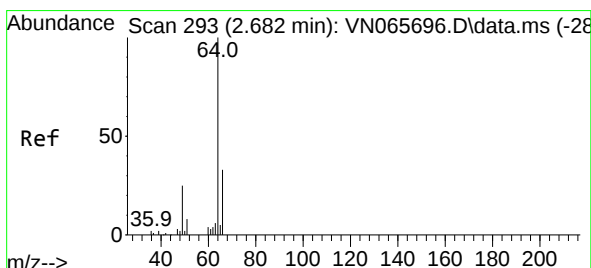
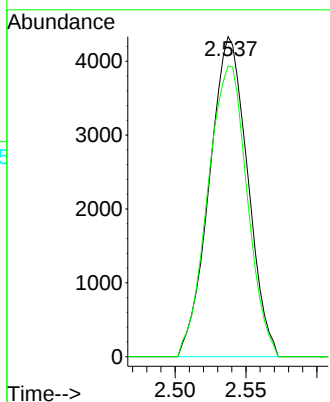
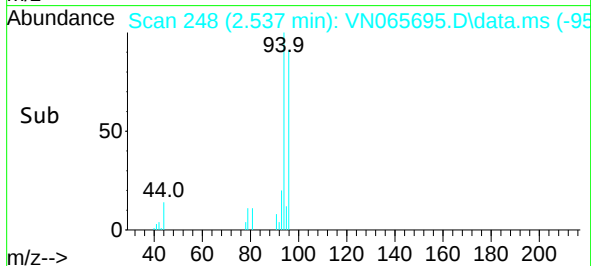
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



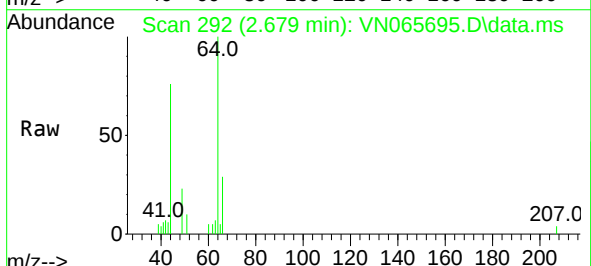
Tgt Ion: 94 Resp: 8128
Ion Ratio Lower Upper
94 100
96 90.9 74.6 111.8

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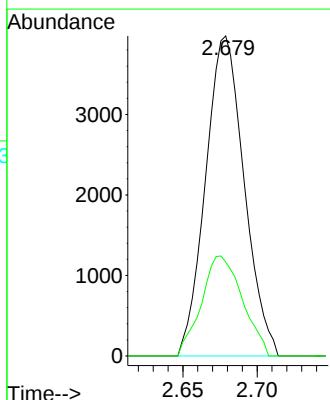
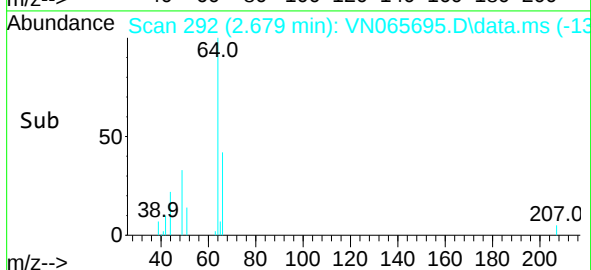
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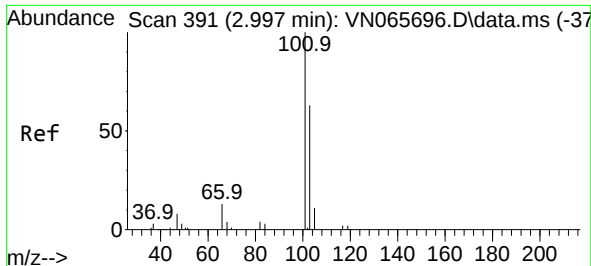


#6
Chloroethane
Concen: 5.61 ug/l
RT: 2.679 min Scan# 292
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



Tgt Ion: 64 Resp: 7176
Ion Ratio Lower Upper
64 100
66 29.3 26.3 39.5





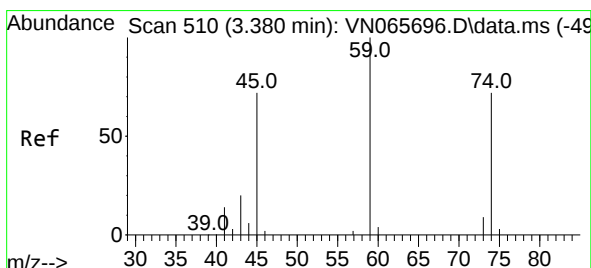
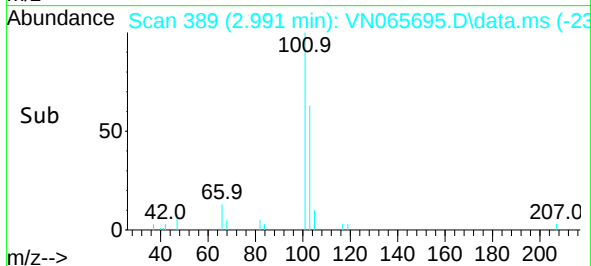
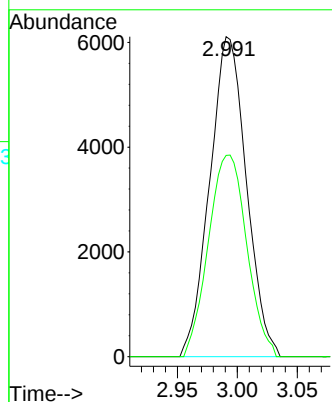
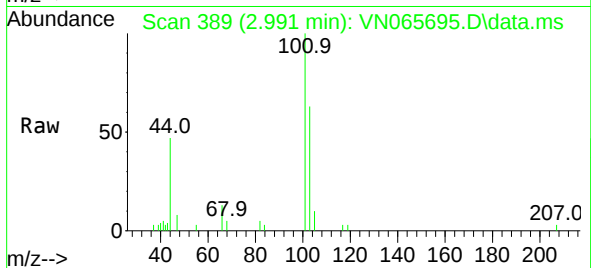
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Trichlorofluoromethane
Concen: 5.08 ug/l
RT: 2.991 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:101 Resp: 12981
Ion Ratio Lower Upper
101 100
103 62.9 52.6 78.8

Instrument :
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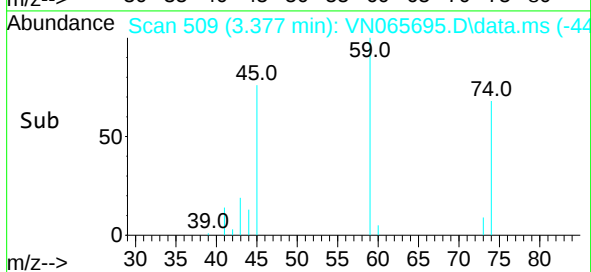
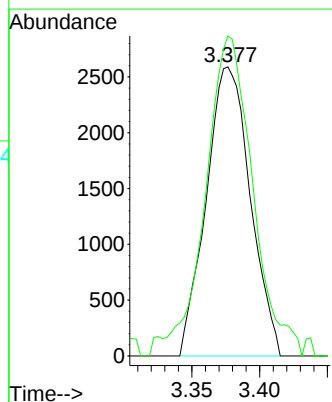
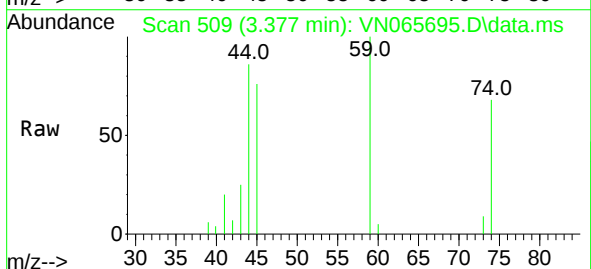
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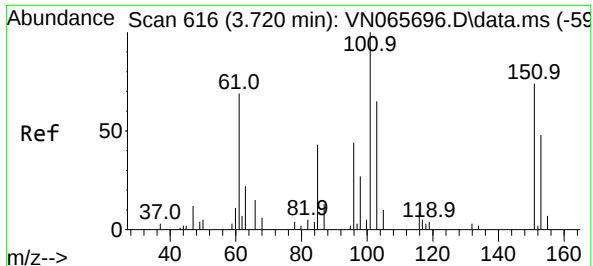
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#8
Diethyl Ether
Concen: 5.53 ug/l
RT: 3.377 min Scan# 509
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 74 Resp: 5852
Ion Ratio Lower Upper
74 100
45 101.7 18.5 166.9





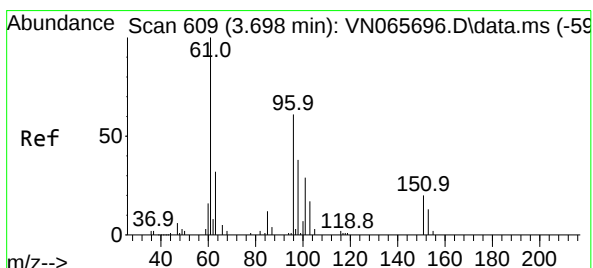
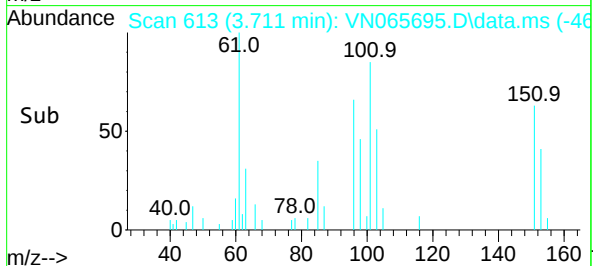
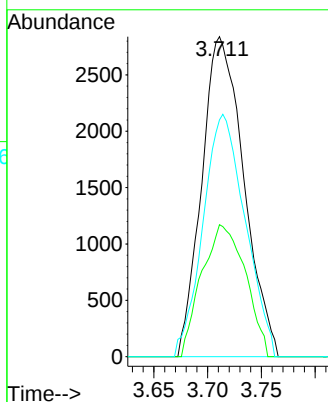
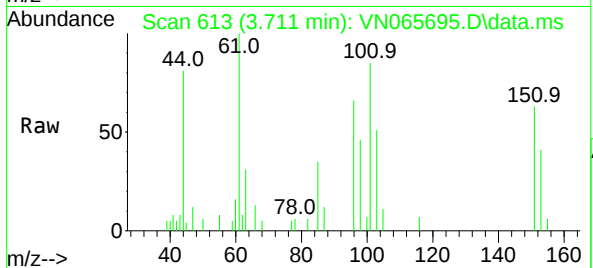
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1,1,2-Trichlorotrifluoroethane
Concen: 5.07 ug/l
RT: 3.711 min Scan# 613
Delta R.T. -0.010 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 101 Resp: 7716
Ion Ratio Lower Upper
101 100
85 42.9 0.0 80.6
151 76.0 0.0 169.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

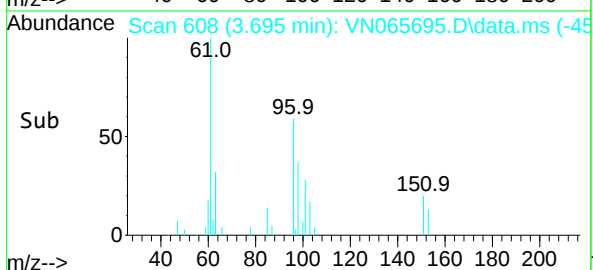
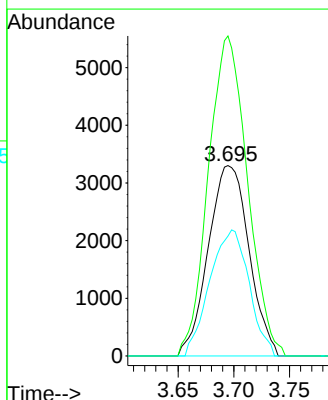
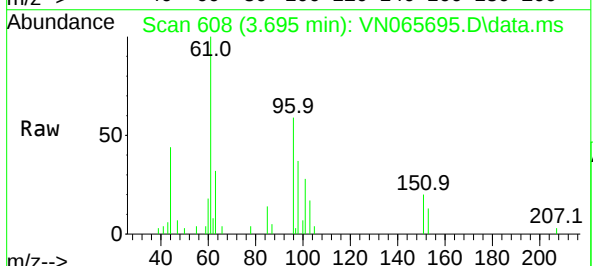
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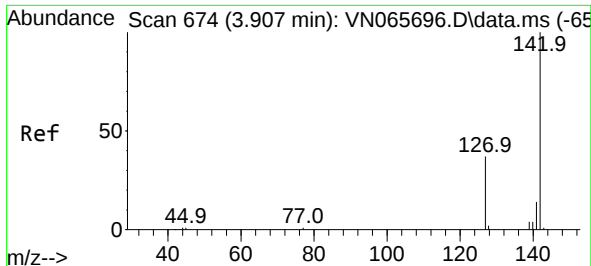
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2/4/2021 10:33:10 AM



#10
1,1-Dichloroethene
Concen: 5.33 ug/l
RT: 3.695 min Scan# 608
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

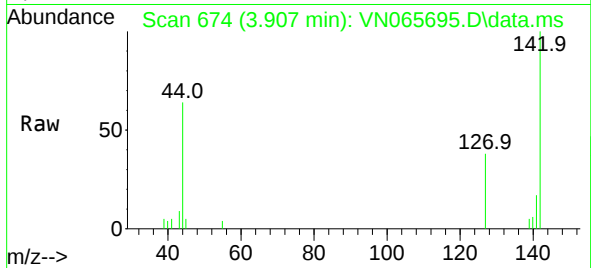
Tgt Ion: 96 Resp: 8396
Ion Ratio Lower Upper
96 100
61 168.1 119.9 179.9
98 63.0 51.2 76.8





#11
Methyl Iodide
Concen: 4.51 ug/l
RT: 3.907 min Scan# 674
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

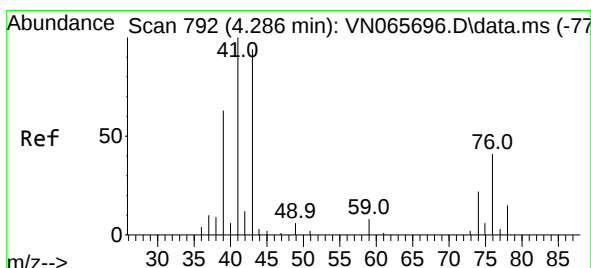
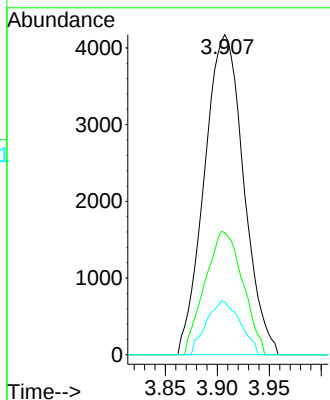
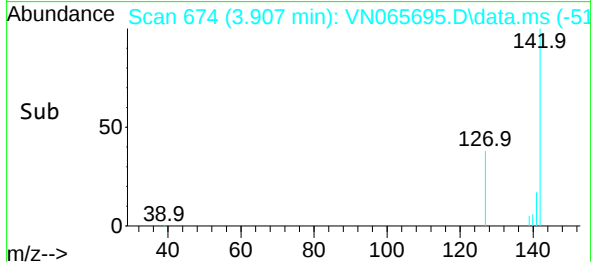
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



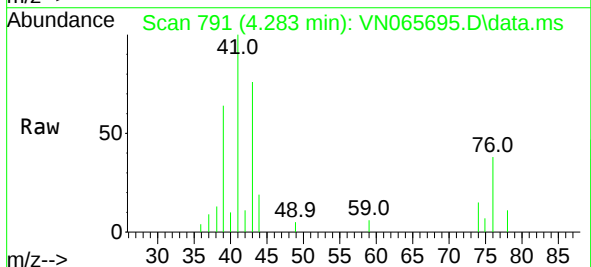
Tgt Ion:142 Resp: 10973
Ion Ratio Lower Upper
142 100
127 38.1 19.1 57.5
141 16.5 7.0 20.9

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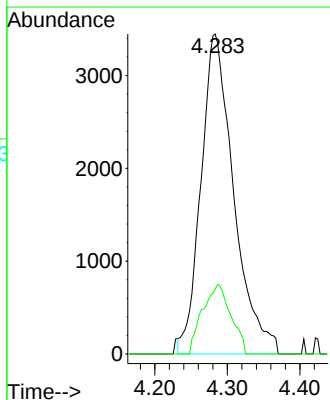
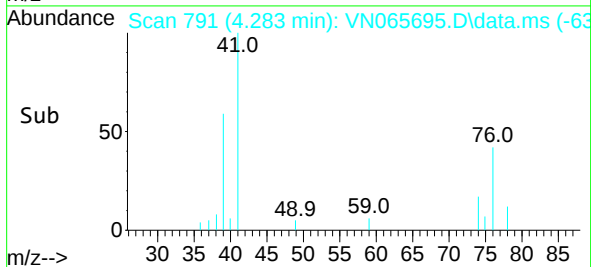
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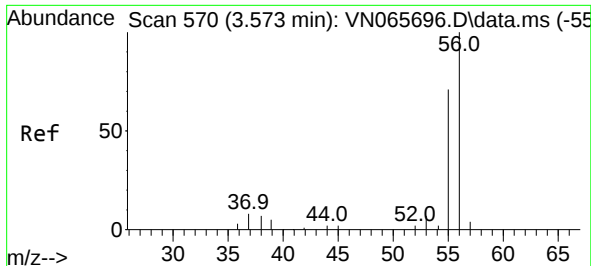


#12
Methyl Acetate
Concen: 6.76 ug/l
RT: 4.283 min Scan# 791
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



Tgt Ion: 43 Resp: 10837
Ion Ratio Lower Upper
43 100
74 20.7 19.9 29.9





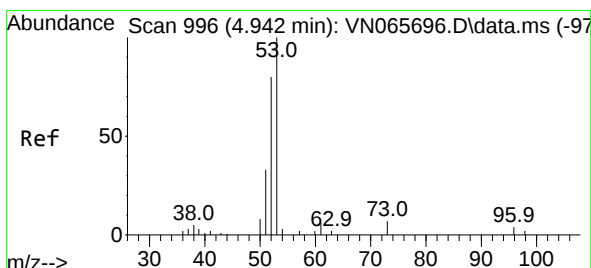
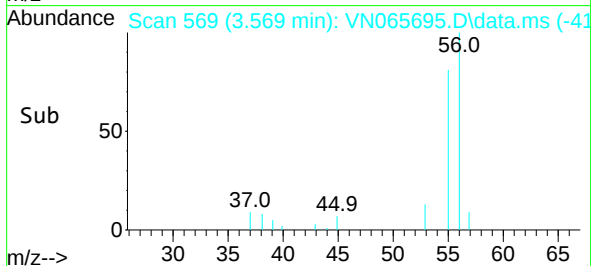
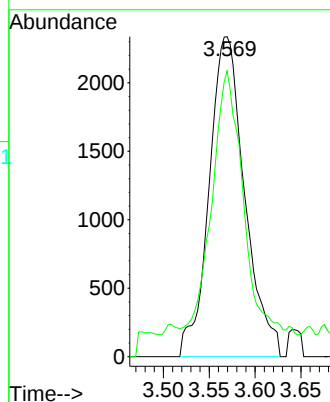
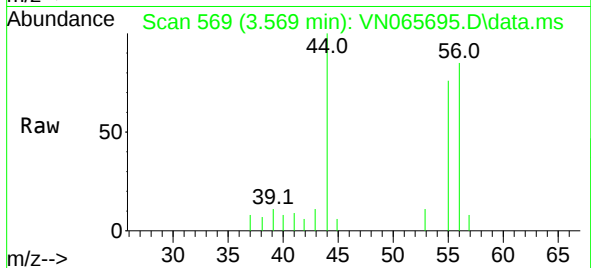
#13
Acrolein
Concen: 23.75 ug/l
RT: 3.569 min Scan# 569
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 56 Resp: 6300
Ion Ratio Lower Upper
56 100
55 72.0 57.7 86.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

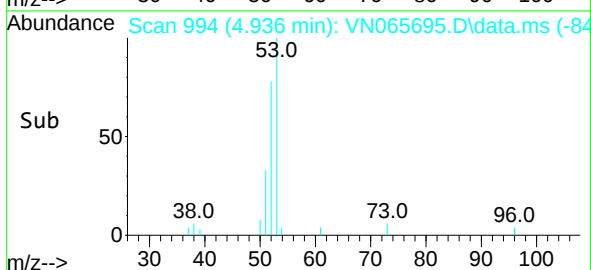
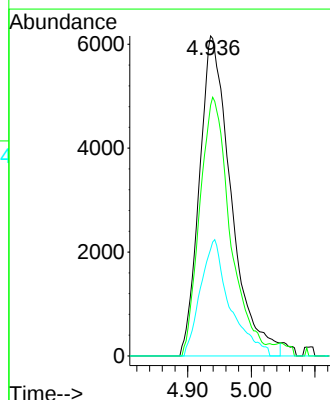
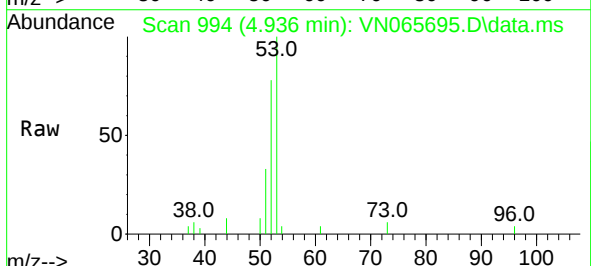
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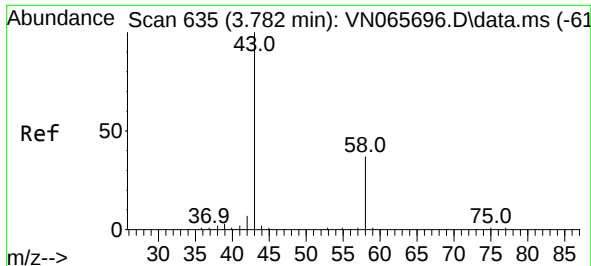
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2/4/2021 10:33:10 AM



#14
Acrylonitrile
Concen: 29.38 ug/l
RT: 4.936 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 53 Resp: 21264
Ion Ratio Lower Upper
53 100
52 77.7 40.7 122.1
51 33.7 18.3 54.8





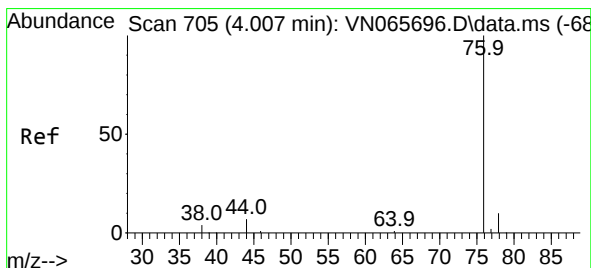
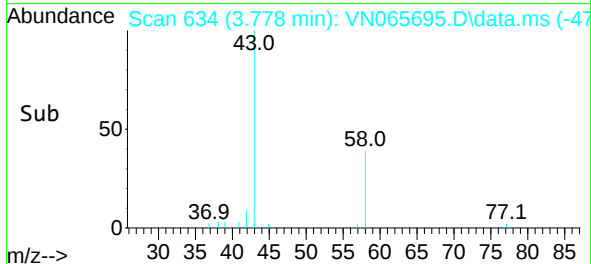
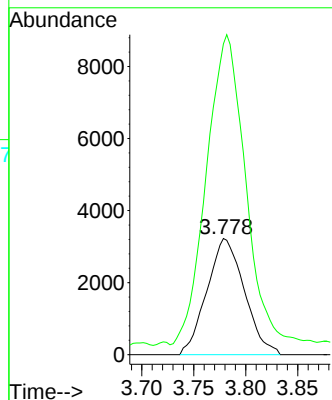
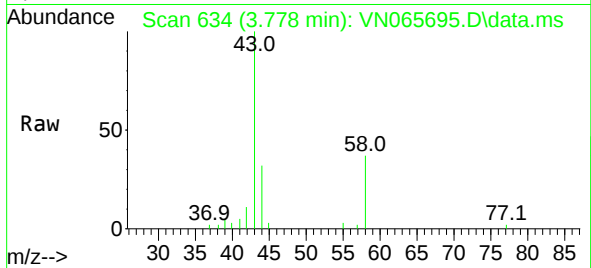
#15
Acetone
Concen: 35.36 ug/l
RT: 3.778 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 58 Resp: 8088
Ion Ratio Lower Upper
58 100
43 249.8 203.4 305.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

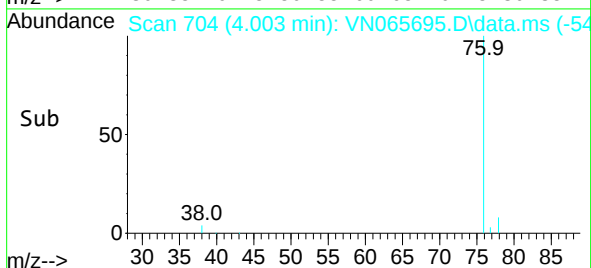
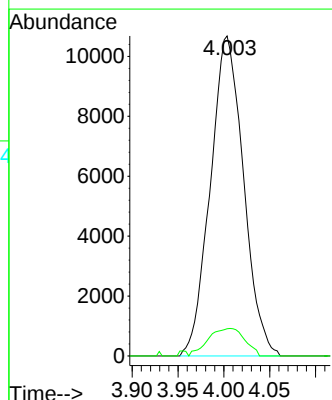
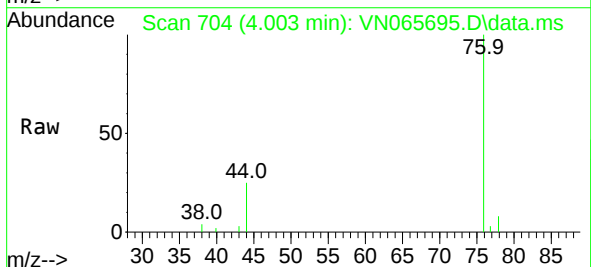
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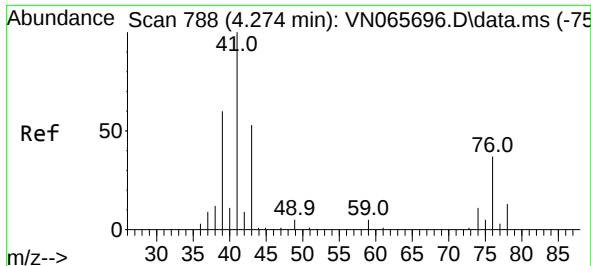
MMDadoda
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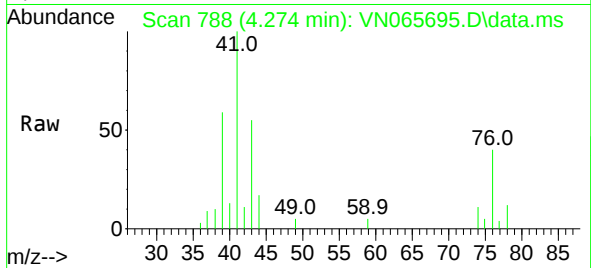
#16
Carbon Disulfide
Concen: 6.64 ug/l
RT: 4.003 min Scan# 704
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 76 Resp: 26863
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8

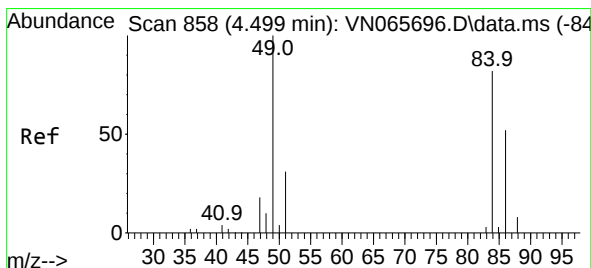
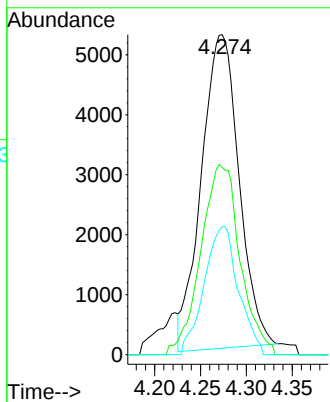
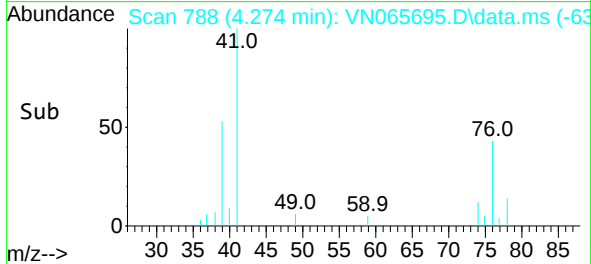




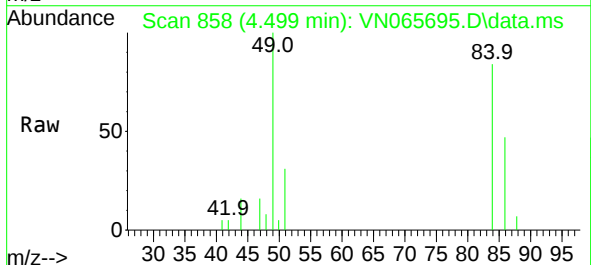
#17
 Allyl chloride
 Concen: 6.31 ug/l
 RT: 4.274 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN065695.D
 Acq: 3 Feb 2021 12:50



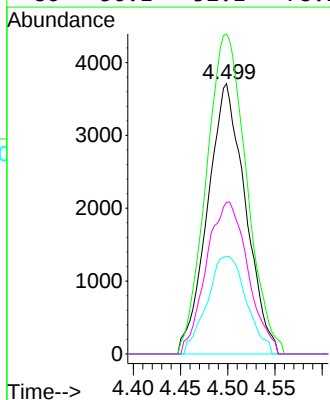
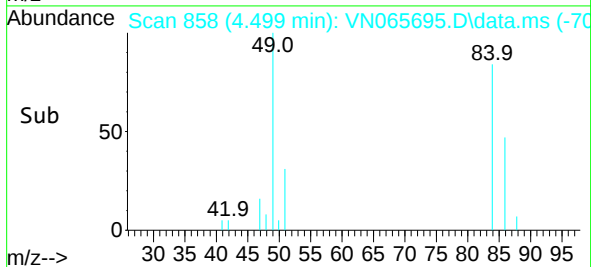
Tgt Ion:	41	Resp:	14966
Ion Ratio	Lower	Upper	
41	100		
39	60.6	33.5	100.5
76	41.4	20.3	60.8



#18
 Methylene Chloride
 Concen: 5.96 ug/l
 RT: 4.499 min Scan# 858
 Delta R.T. 0.000 min
 Lab File: VN065695.D
 Acq: 3 Feb 2021 12:50



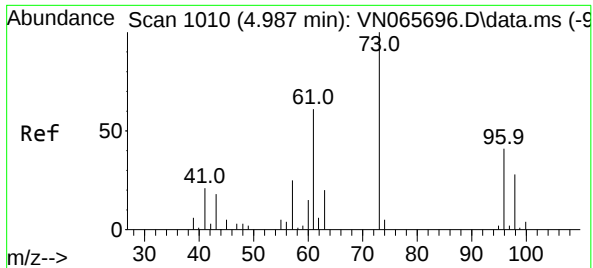
Tgt Ion:	84	Resp:	10309
Ion Ratio	Lower	Upper	
84	100		
49	118.4	91.3	136.9
51	36.2	28.8	43.2
86	56.1	52.1	78.1



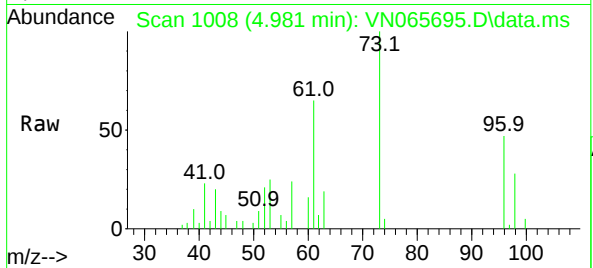
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

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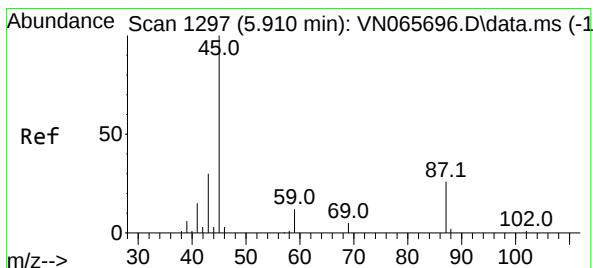
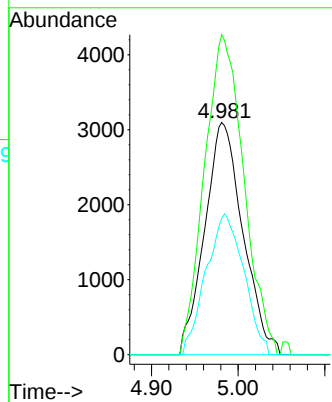
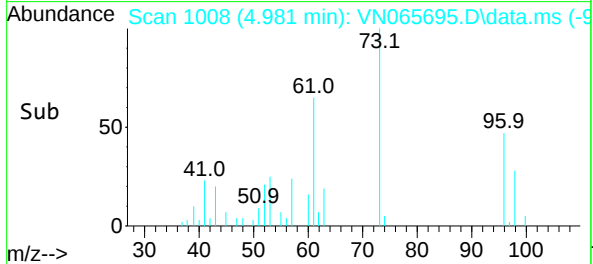
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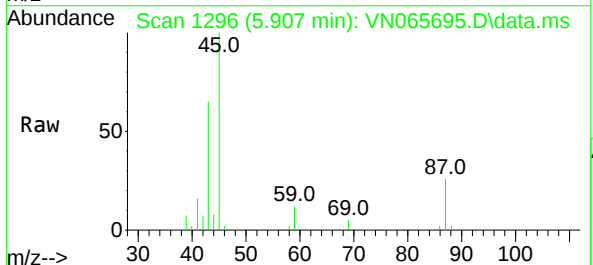
#19
trans-1,2-Dichloroethene
Concen: 5.92 ug/l
RT: 4.981 min Scan# 1008
Delta R.T. -0.006 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



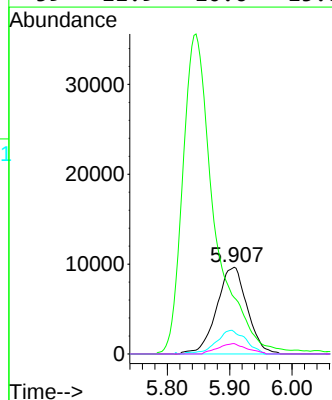
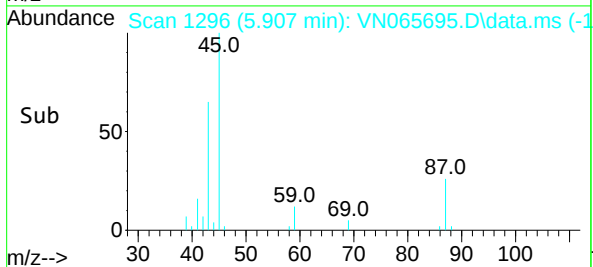
Tgt Ion: 96 Resp: 9508
Ion Ratio Lower Upper
96 100
61 137.9 106.2 159.2
98 58.7 52.4 78.6



#20
Diisopropyl ether
Concen: 6.65 ug/l
RT: 5.907 min Scan# 1296
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



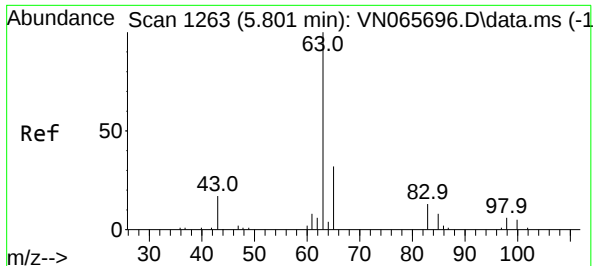
Tgt Ion: 45 Resp: 32780
Ion Ratio Lower Upper
45 100
43 59.1 50.4 75.6
87 25.7 24.5 36.7
59 11.9 10.6 15.8



Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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#21

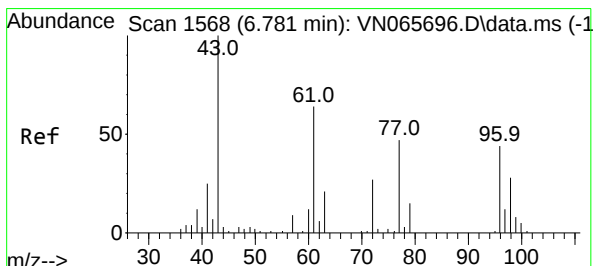
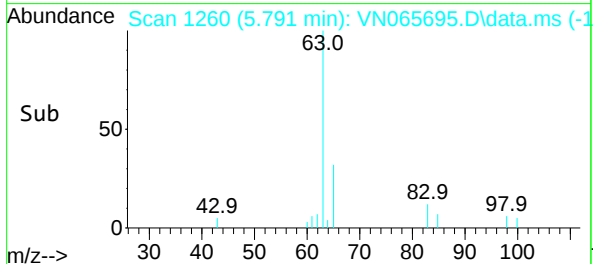
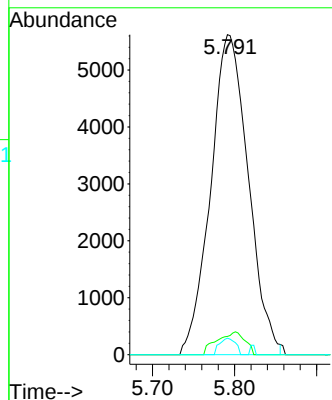
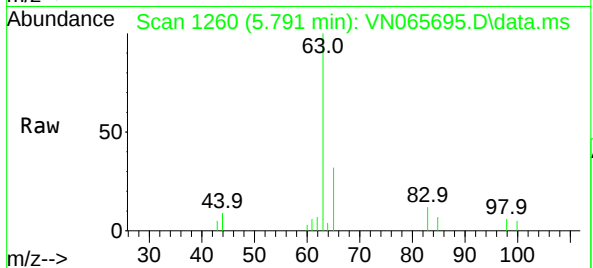
1,1-Dichloroethane
Concen: 6.19 ug/l
RT: 5.791 min Scan# 1260
Delta R.T. -0.010 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:	63	Resp:	17877
Ion Ratio	Lower	Upper	
63	100		
98	5.7	3.3	9.9
100	5.2	2.3	6.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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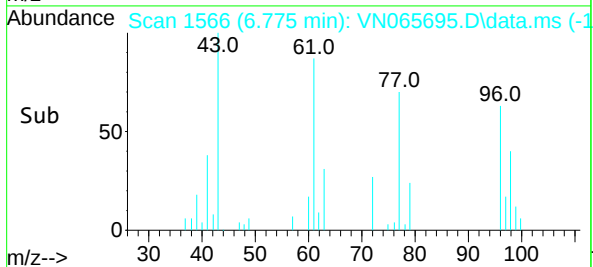
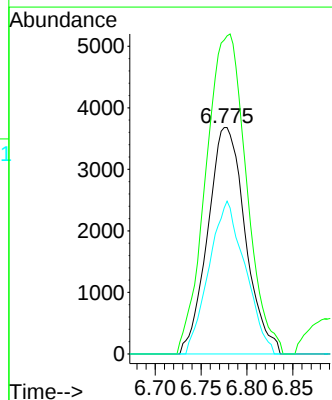
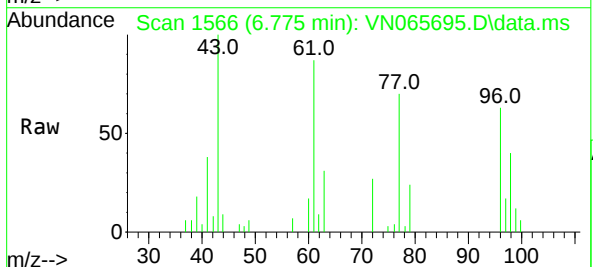
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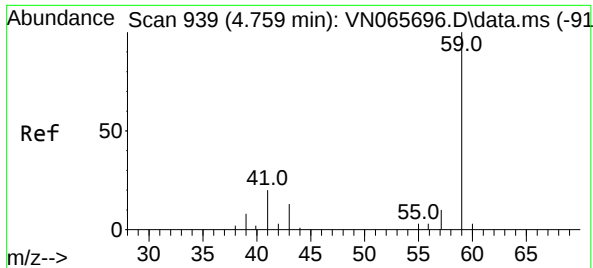


#22

cis-1,2-Dichloroethene
Concen: 5.61 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:	96	Resp:	10478
Ion Ratio	Lower	Upper	
96	100		
61	152.5	112.5	168.7
98	65.0	52.2	78.2





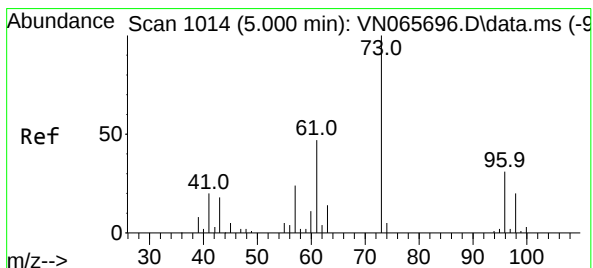
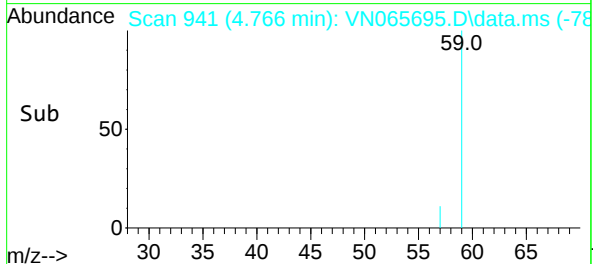
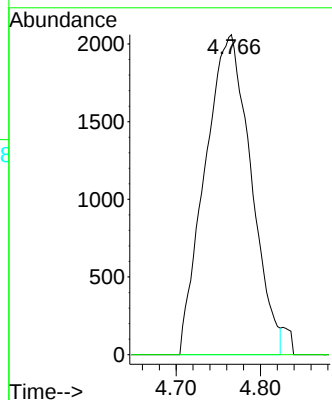
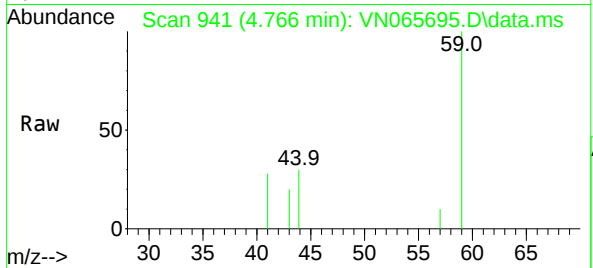
#23
tert-Butyl Alcohol
Concen: 33.32 ug/l
RT: 4.766 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 59 Resp: 7790
Ion Ratio Lower Upper
59 100
52 212.2 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

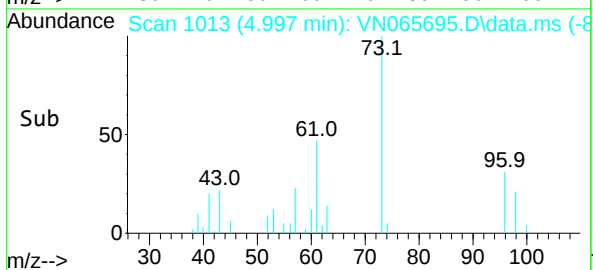
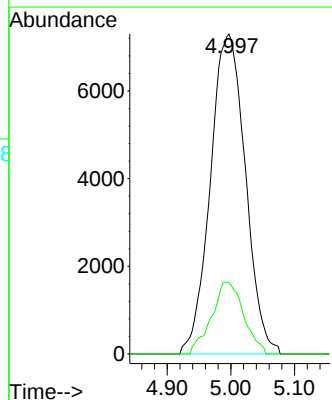
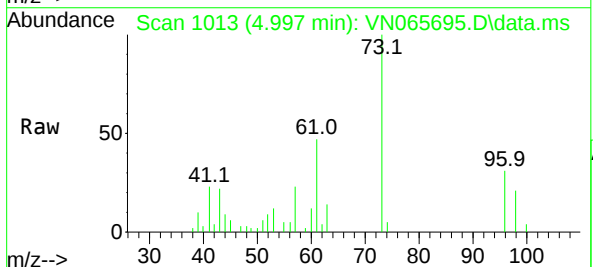
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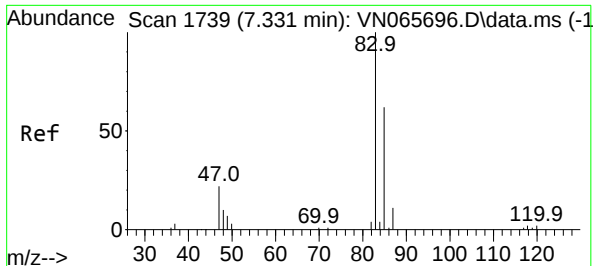
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#24
Methyl tert-Butyl Ether
Concen: 5.89 ug/l
RT: 4.997 min Scan# 1013
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 73 Resp: 27915
Ion Ratio Lower Upper
73 100
43 20.6 15.4 23.2





#25

Chloroform

Concen: 5.48 ug/l

RT: 7.325 min Scan# 1737

Delta R.T. -0.006 min

Lab File: VN065695.D

Acq: 3 Feb 2021 12:50

Tgt Ion: 83 Resp: 15935

Ion Ratio Lower Upper

83 100

85 66.1 53.0 79.4

Instrument :

MSVOA_N

ClientSampleId :

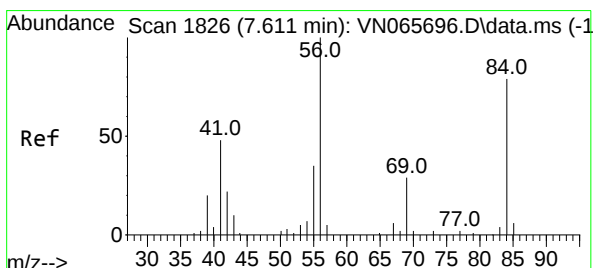
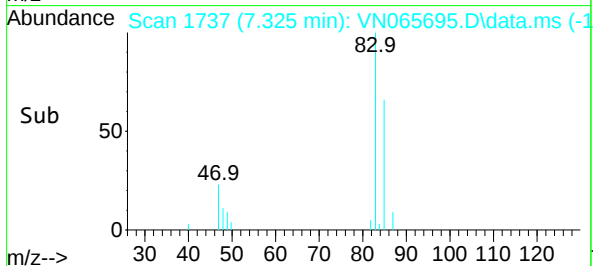
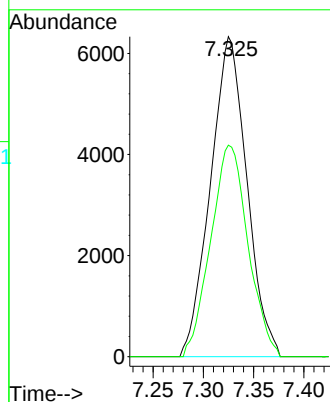
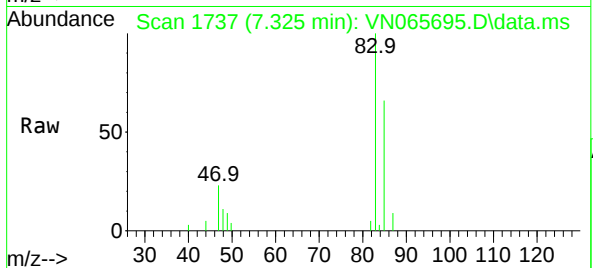
VSTDIC005

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#26

Cyclohexane

Concen: 6.62 ug/l

RT: 7.608 min Scan# 1825

Delta R.T. -0.003 min

Lab File: VN065695.D

Acq: 3 Feb 2021 12:50

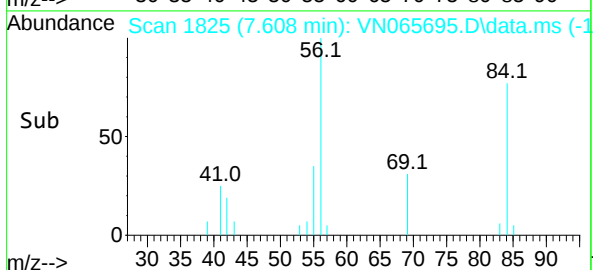
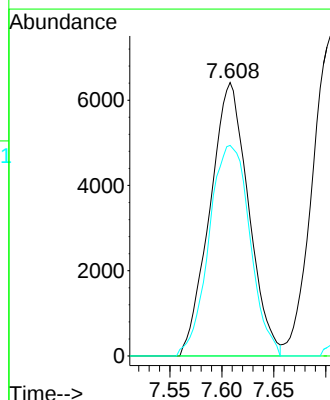
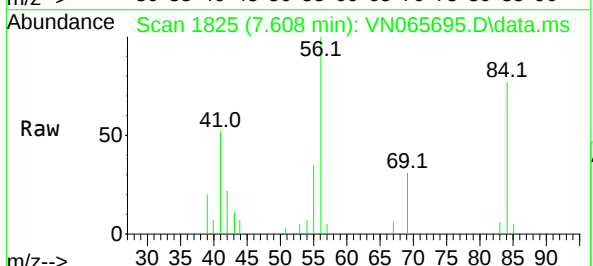
Tgt Ion: 56 Resp: 16558

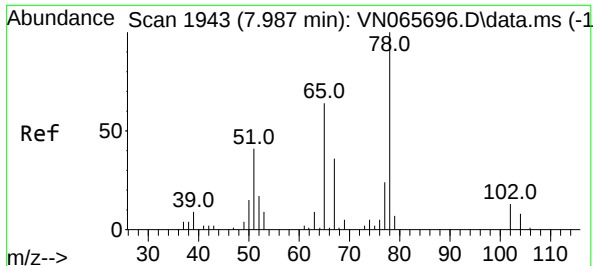
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 81.5 72.8 109.2





#27

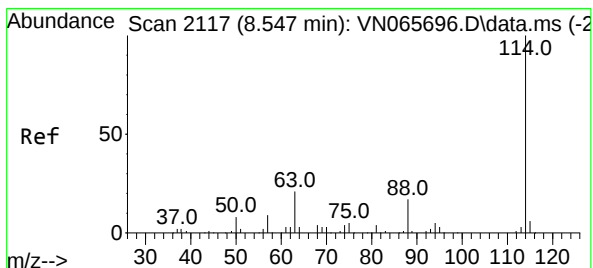
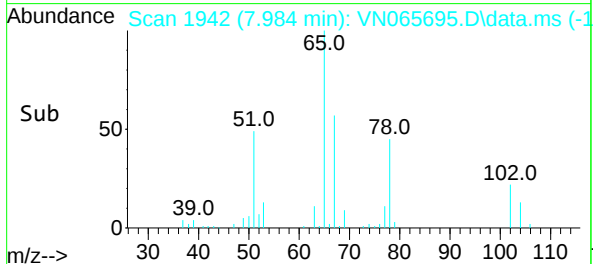
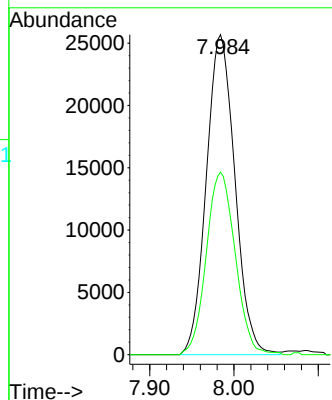
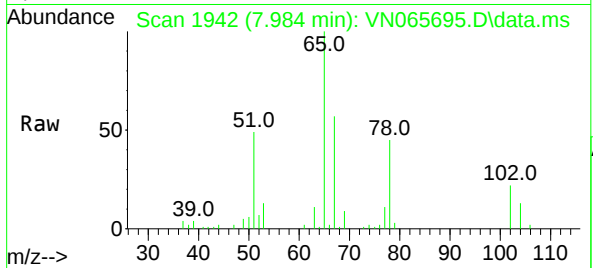
1,2-Dichloroethane-d4
Concen: 33.35 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 65 Resp: 60531
Ion Ratio Lower Upper
65 100
67 57.8 42.8 64.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

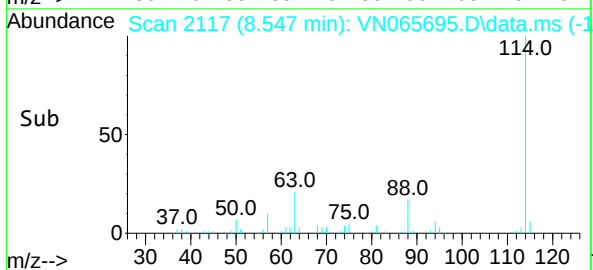
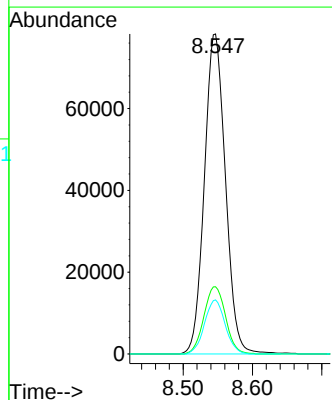
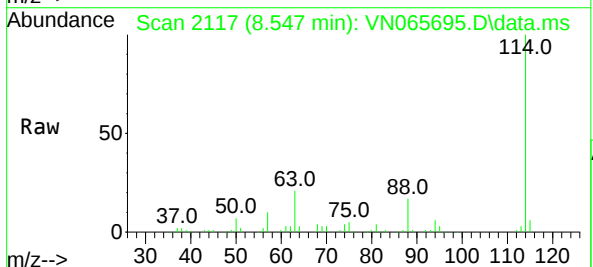
MMDadoda
2/4/2021 10:33:10 AM

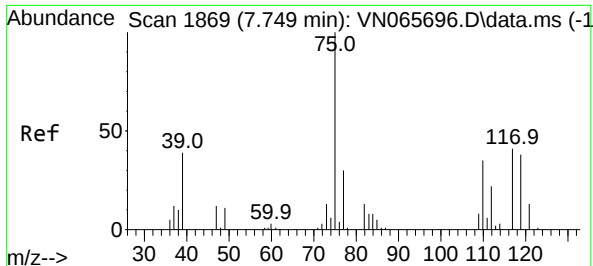


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 114 Resp: 165147
Ion Ratio Lower Upper
114 100
63 21.6 14.7 22.1
88 16.6 11.7 17.5





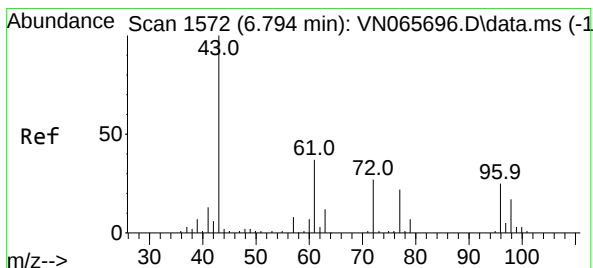
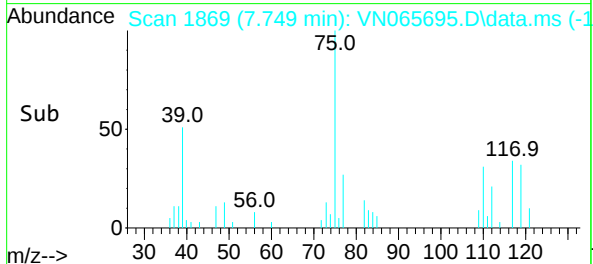
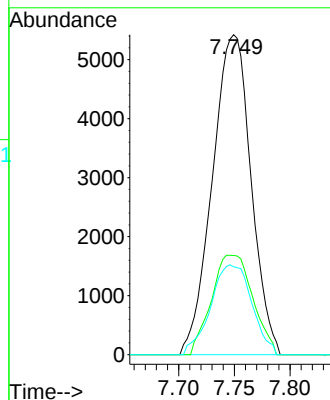
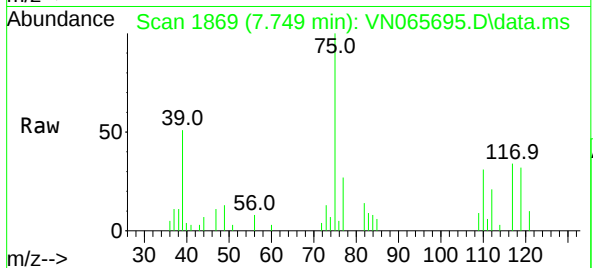
#29
1,1-Dichloropropene
Concen: 5.47 ug/l
RT: 7.749 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 75 Resp: 13092
Ion Ratio Lower Upper
75 100
110 33.3 0.0 74.2
77 29.9 0.0 61.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

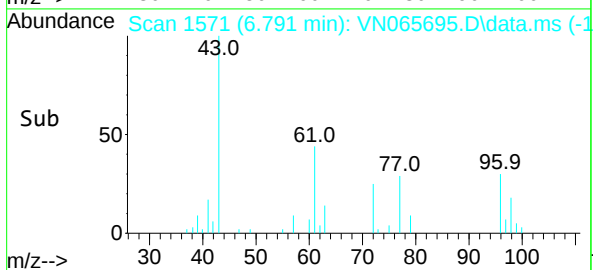
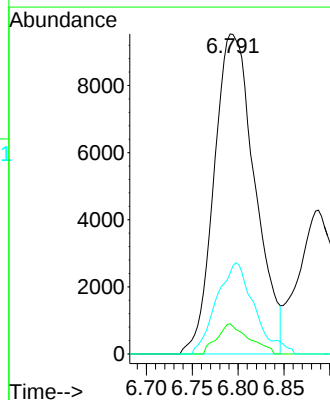
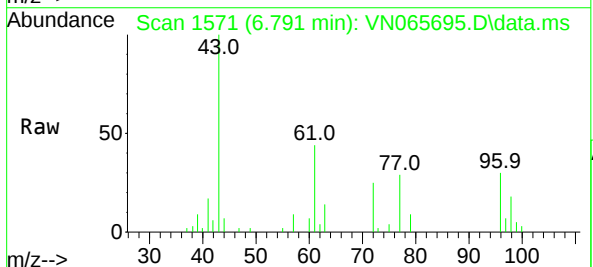
Manual Integrations
APPROVED

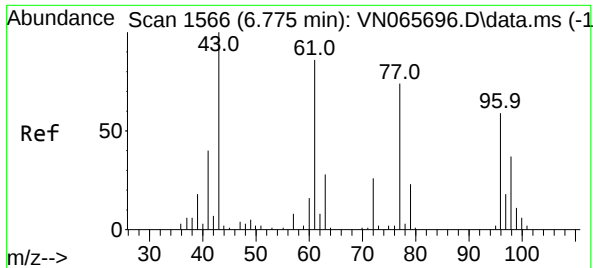
MMDadoda
2/4/2021 10:33:10 AM



#30
2-Butanone
Concen: 29.81 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 43 Resp: 29436
Ion Ratio Lower Upper
43 100
57 7.3 7.0 10.4
72 25.2 23.6 35.4





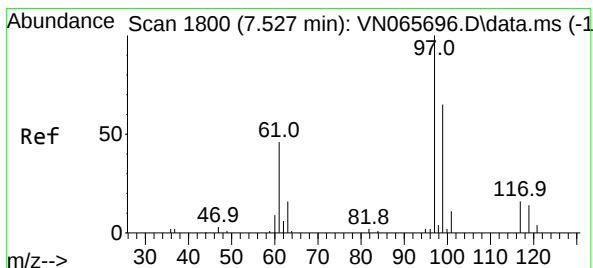
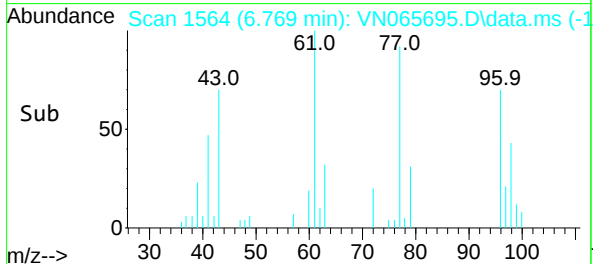
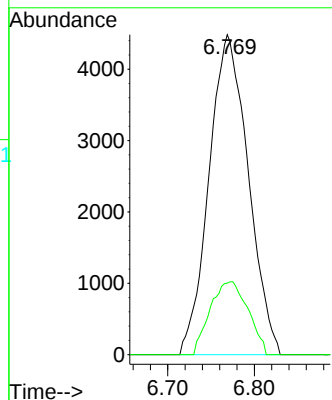
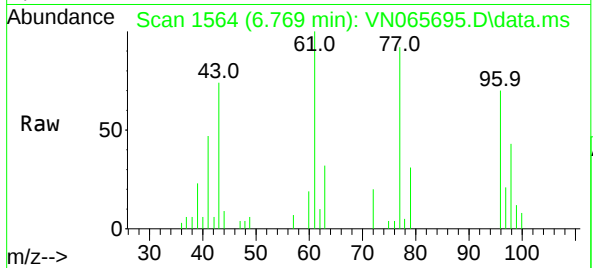
#31
2,2-Dichloropropane
Concen: 5.69 ug/l
RT: 6.769 min Scan# 1564
Delta R.T. -0.006 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 77 Resp: 14103
Ion Ratio Lower Upper
77 100
97 22.0 19.0 28.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

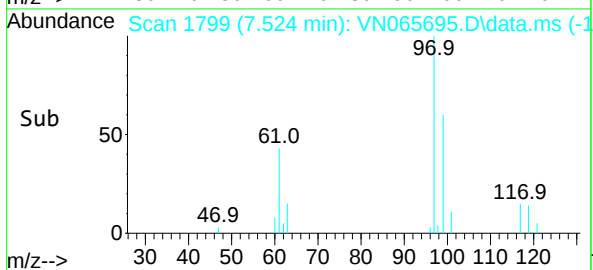
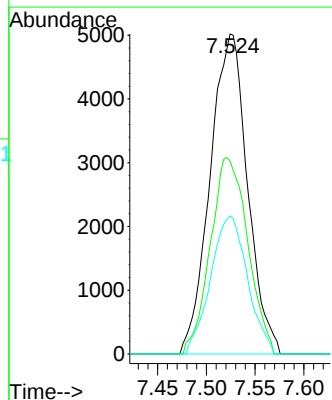
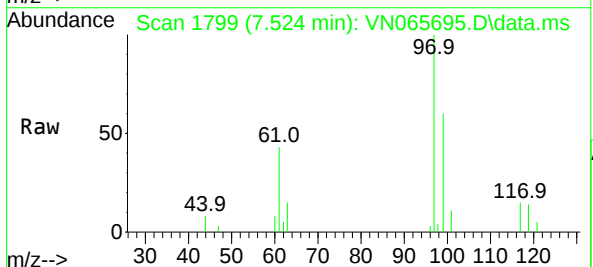
Manual Integrations
APPROVED

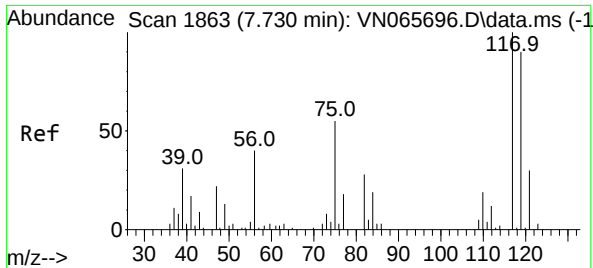
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 5.09 ug/l
RT: 7.524 min Scan# 1799
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

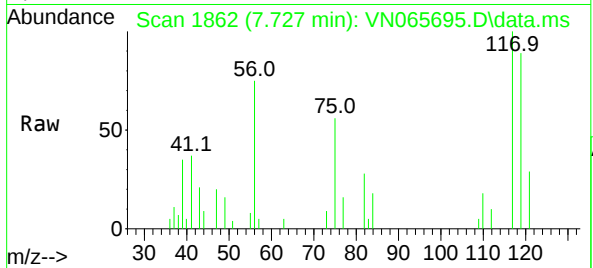
Tgt Ion: 97 Resp: 13398
Ion Ratio Lower Upper
97 100
99 61.4 51.5 77.3
61 42.5 34.7 52.1





#33
Carbon Tetrachloride
Concen: 4.51 ug/l
RT: 7.727 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

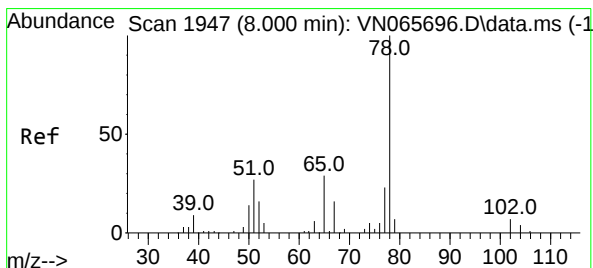
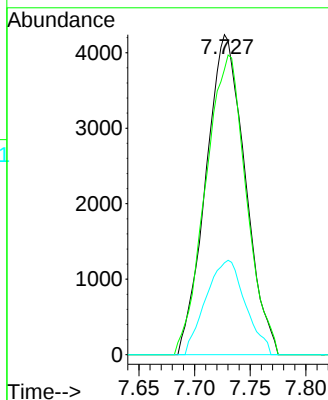
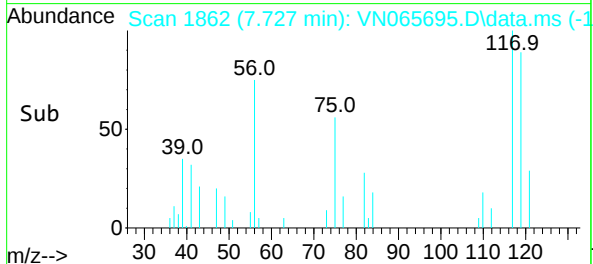
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



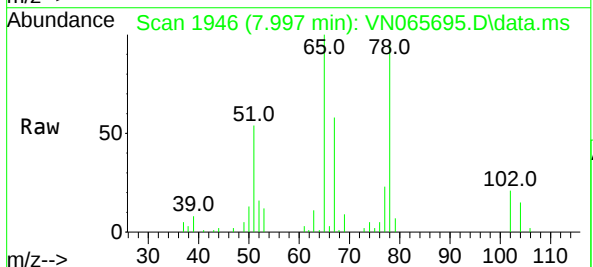
Tgt Ion:117 Resp: 10378
Ion Ratio Lower Upper
117 100
119 89.2 77.0 115.4
121 28.7 24.8 37.2

Manual Integrations
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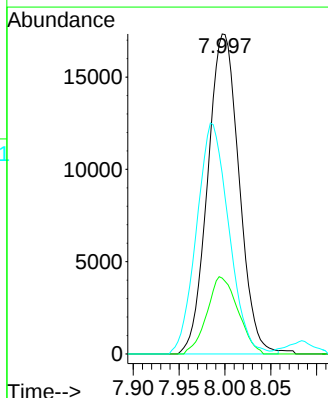
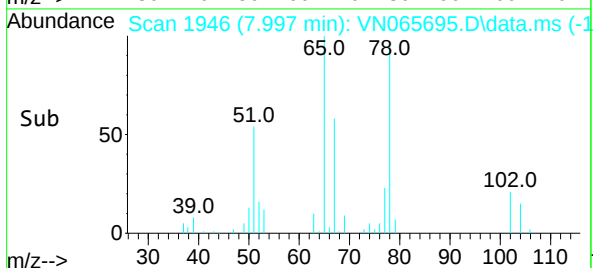
MMDadoda
2/4/2021 10:33:10 AM

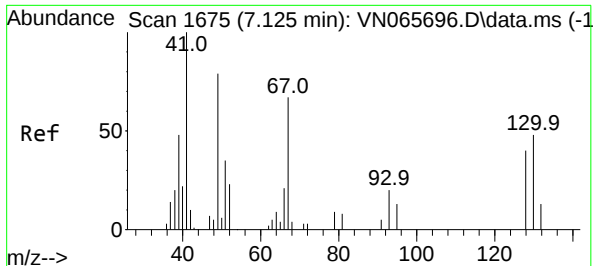


#34
Benzene
Concen: 5.61 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



Tgt Ion: 78 Resp: 41261
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6
51 54.8 22.1 33.1#





#35

Methacrylonitrile

Concen: 5.95 ug/l

RT: 7.129 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VN065695.D

Acq: 3 Feb 2021 12:50

Tgt Ion: 41 Resp: 5914

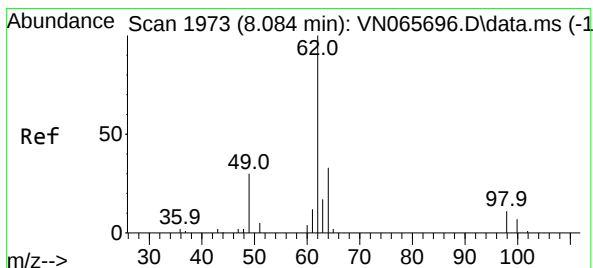
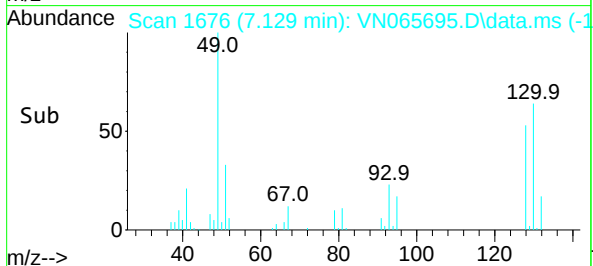
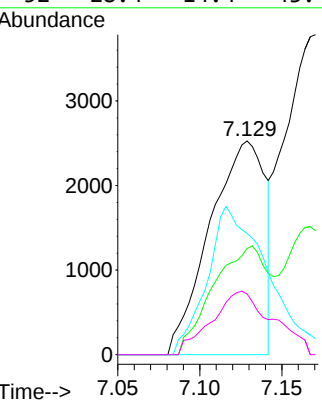
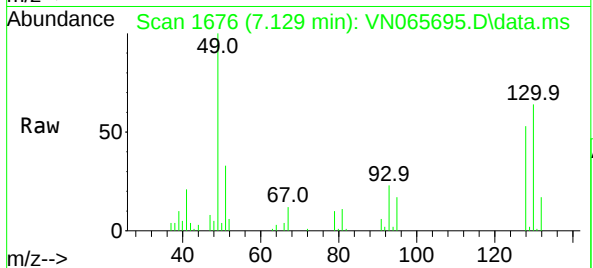
Ion Ratio Lower Upper

41 100

39 49.7 26.8 80.3

67 56.7 38.0 113.9

52 28.4 14.4 43.4



#36

1,2-Dichloroethane

Concen: 5.14 ug/l

RT: 8.084 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VN065695.D

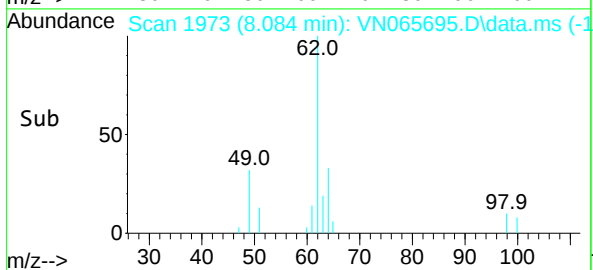
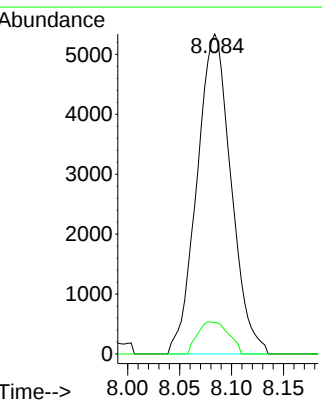
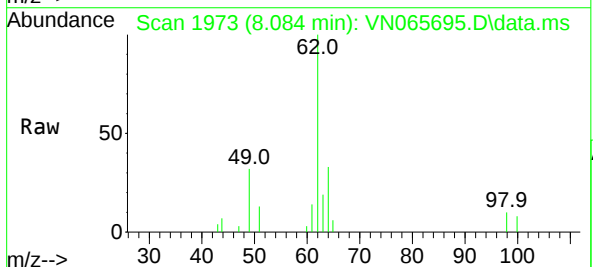
Acq: 3 Feb 2021 12:50

Tgt Ion: 62 Resp: 12197

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.2



Instrument :

MSVOA_N

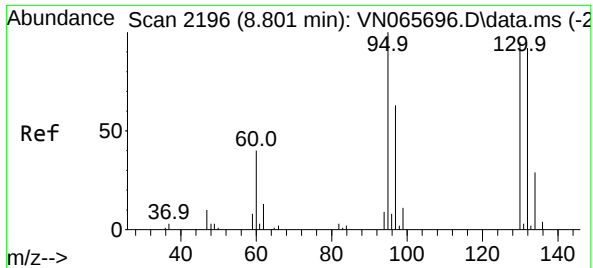
ClientSampleId :

VSTDIC005

Manual Integrations

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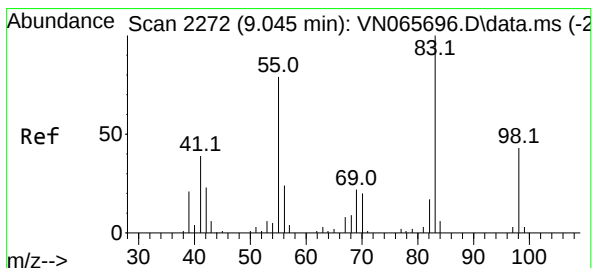
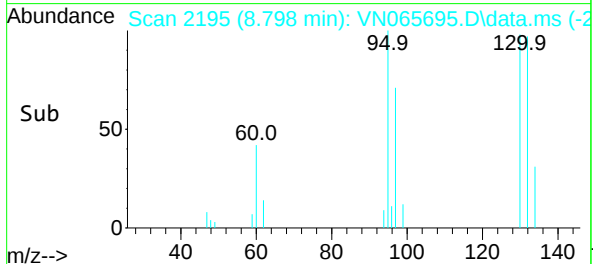
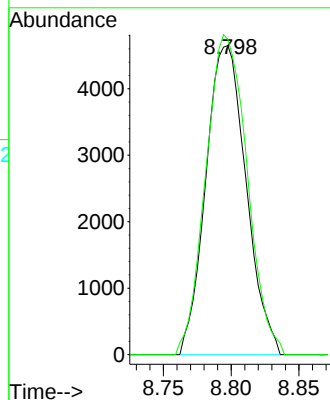
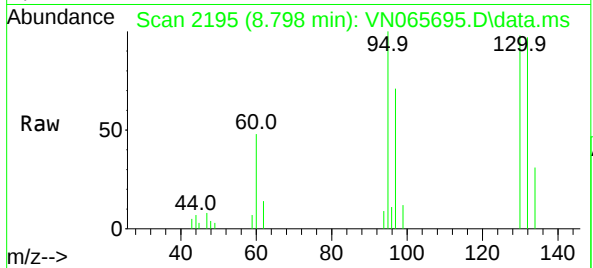
#37
Trichloroethene
Concen: 4.55 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:130 Resp: 9618
Ion Ratio Lower Upper
130 100
95 98.3 74.0 111.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

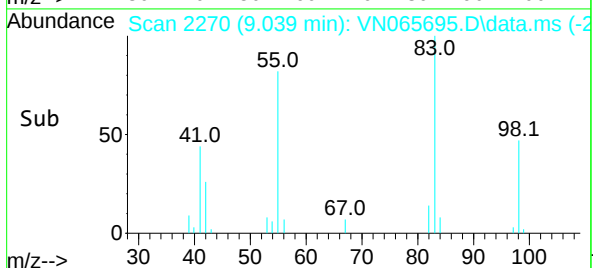
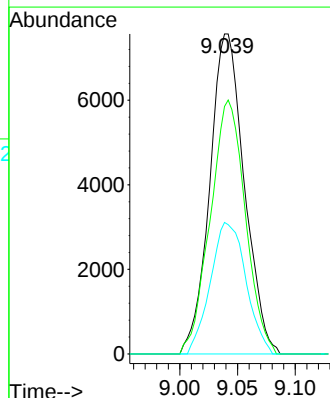
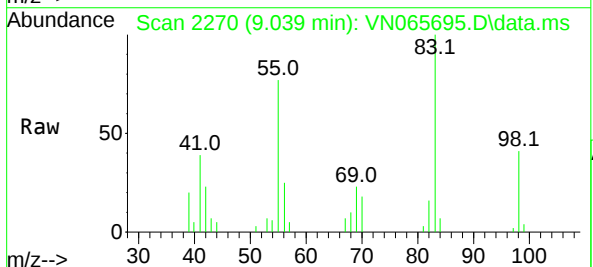
Manual Integrations
APPROVED

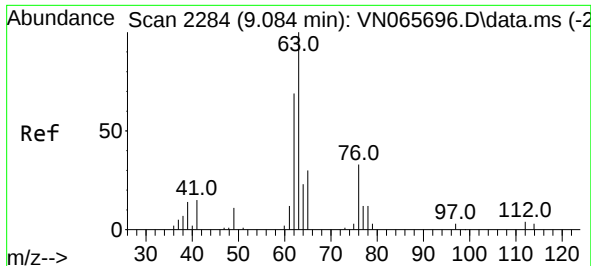
MMDadoda
2/4/2021 10:33:10 AM



#38
Methylcyclohexane
Concen: 5.63 ug/l
RT: 9.039 min Scan# 2270
Delta R.T. -0.006 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 83 Resp: 15759
Ion Ratio Lower Upper
83 100
55 80.5 37.2 111.6
98 42.2 23.8 71.4





#39

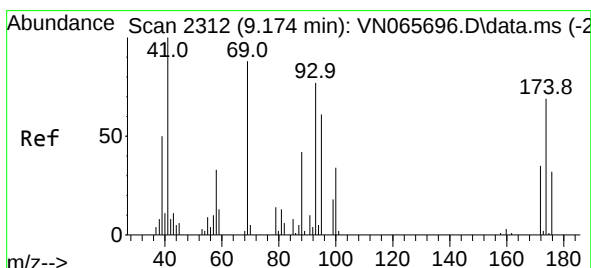
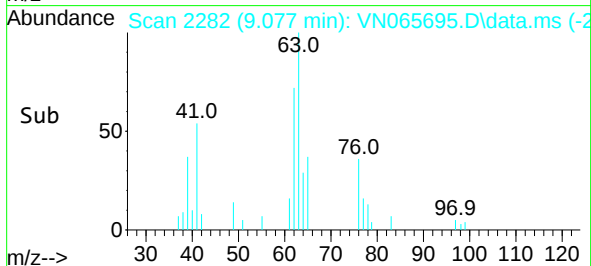
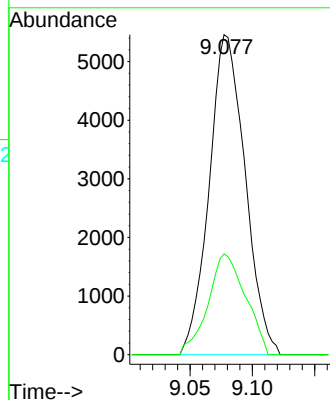
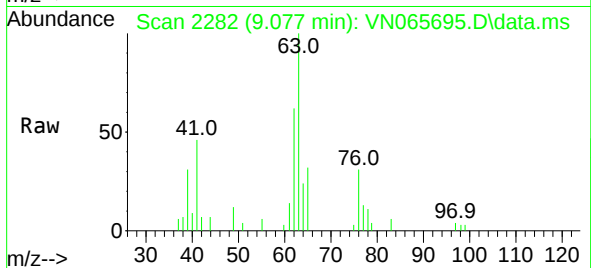
1,2-Dichloropropane
Concen: 5.69 ug/l
RT: 9.077 min Scan# 2282
Delta R.T. -0.006 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 63 Resp: 10949
Ion Ratio Lower Upper
63 100
65 31.5 24.1 36.1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
APPROVED

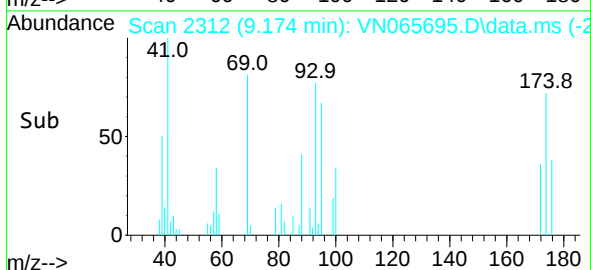
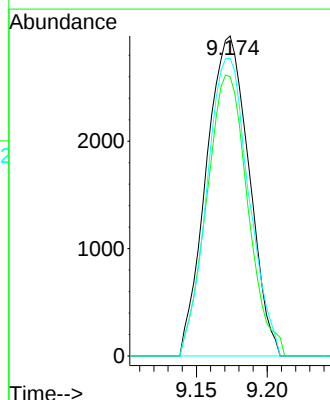
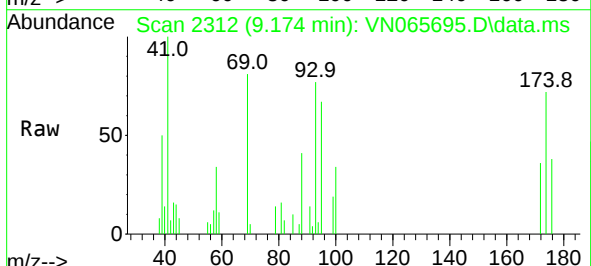
MMDadoda
2/4/2021 10:33:10 AM

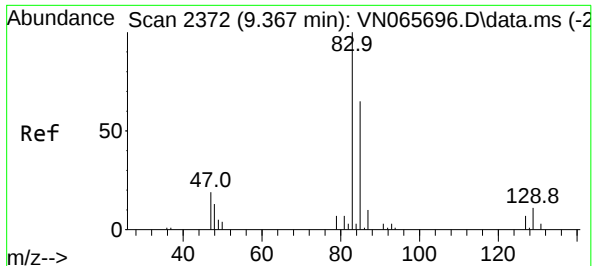


#40

Dibromomethane
Concen: 4.99 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 93 Resp: 6234
Ion Ratio Lower Upper
93 100
95 84.6 0.0 168.6
174 91.4 0.0 246.4





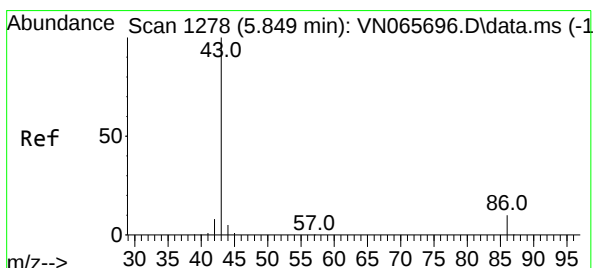
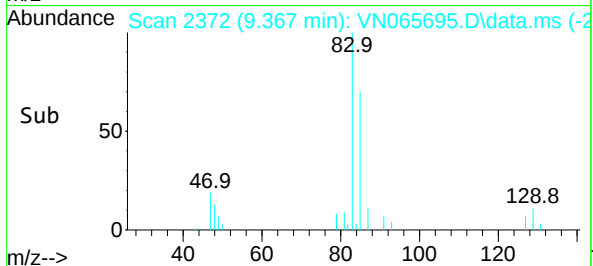
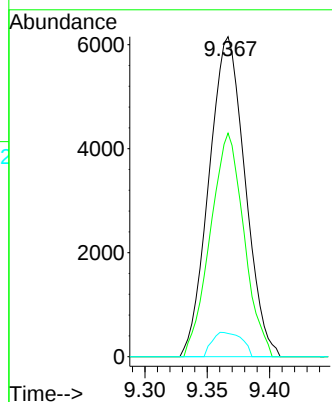
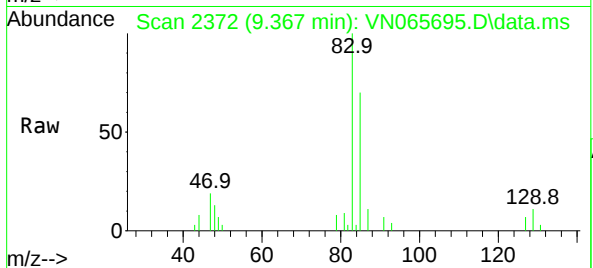
#41
Bromodichloromethane
Concen: 5.07 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 83 Resp: 12385
Ion Ratio Lower Upper
83 100
85 69.9 50.7 76.1
127 7.2 7.5 11.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

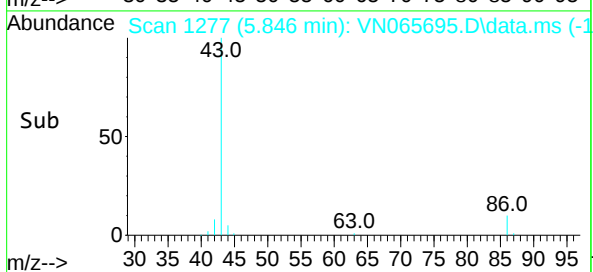
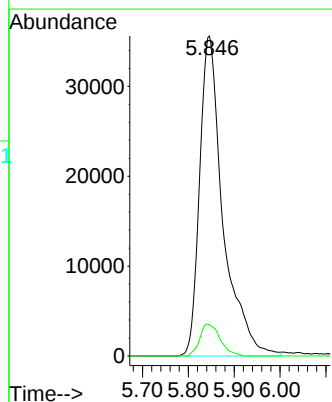
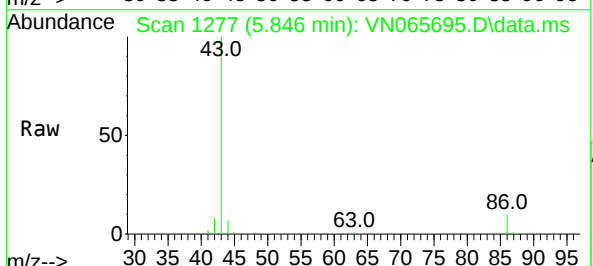
Manual Integrations
APPROVED

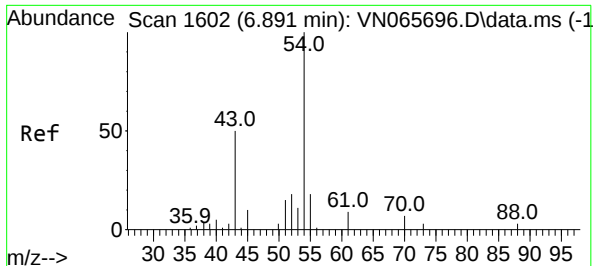
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#42
Vinyl Acetate
Concen: 29.55 ug/l
RT: 5.846 min Scan# 1277
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 43 Resp: 126252
Ion Ratio Lower Upper
43 100
86 8.6 7.9 11.9





#43

Ethyl Acetate

Concen: 5.11 ug/l m

RT: 6.888 min Scan# 1601

Delta R.T. -0.003 min

Lab File: VN065695.D

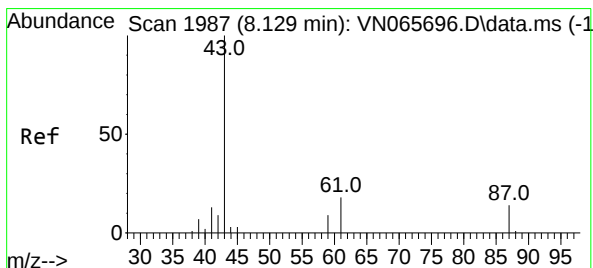
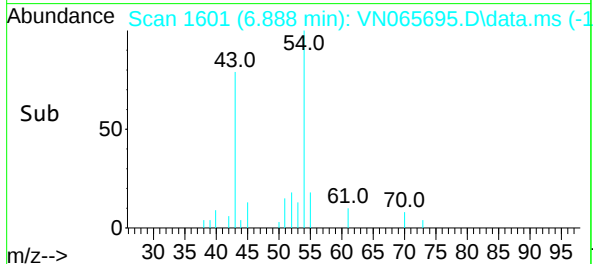
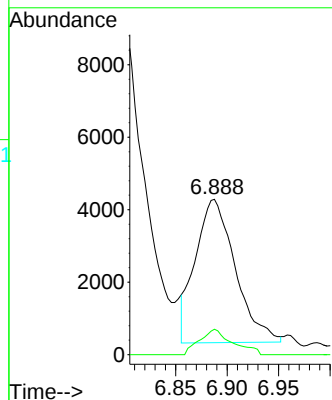
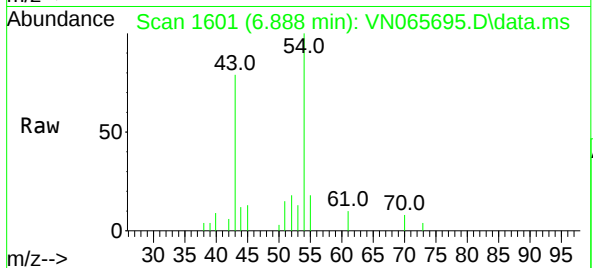
Acq: 3 Feb 2021 12:50

Tgt Ion: 43 Resp: 10690

Ion Ratio Lower Upper

43 100

45 14.6 12.9 19.3



#44

Isopropyl Acetate

Concen: 5.75 ug/l

RT: 8.126 min Scan# 1986

Delta R.T. -0.003 min

Lab File: VN065695.D

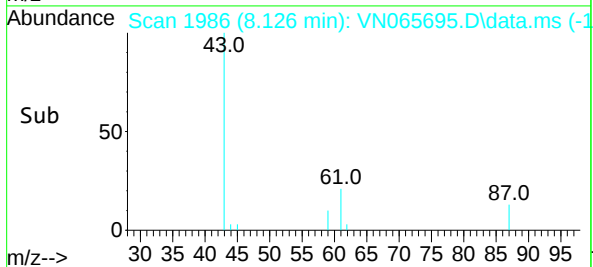
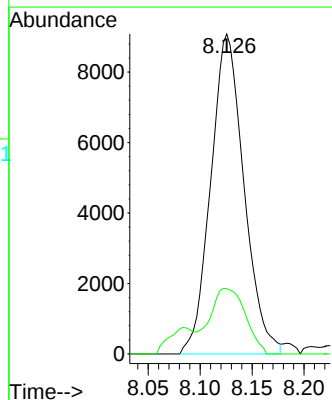
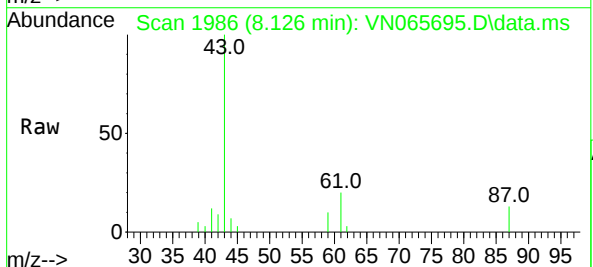
Acq: 3 Feb 2021 12:50

Tgt Ion: 43 Resp: 20163

Ion Ratio Lower Upper

43 100

61 21.3 16.8 25.2



Instrument :

MSVOA_N

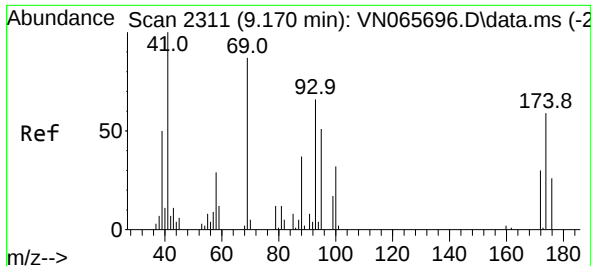
ClientSampleId :

VSTDIC005

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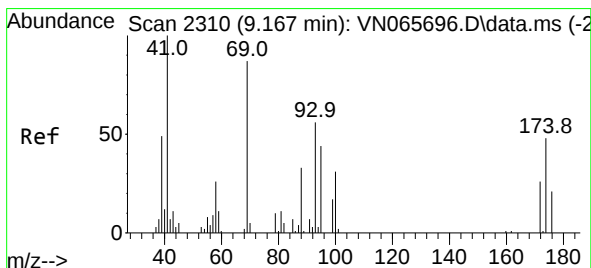
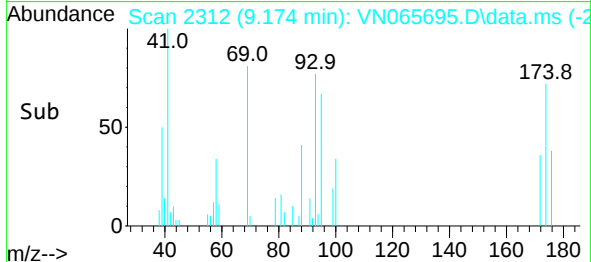
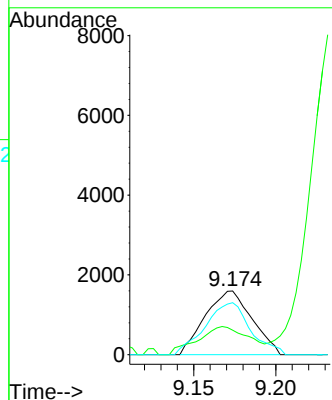
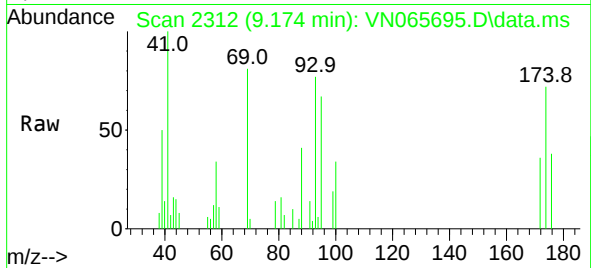
#45
1,4-Dioxane
Concen: 120.79 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. 0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 88 Resp: 3161
Ion Ratio Lower Upper
88 100
43 48.1 28.3 42.5#
58 78.7 53.8 80.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

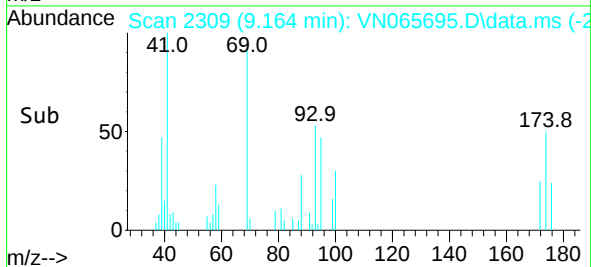
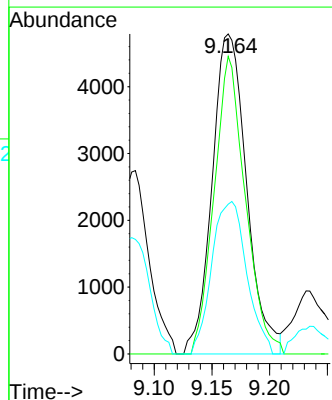
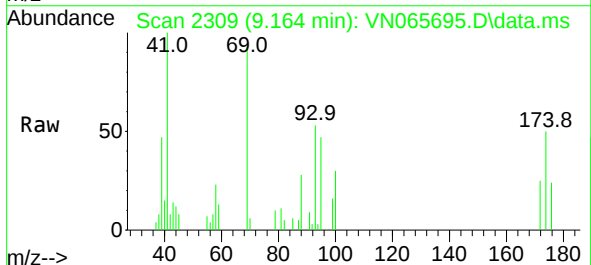
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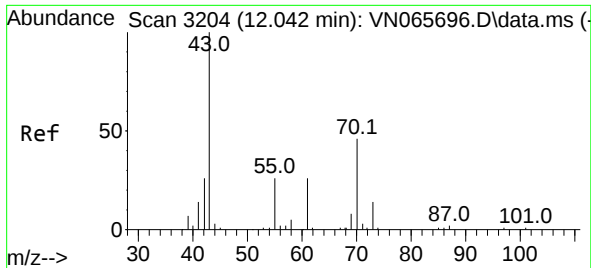
MMDadoda
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#46
Methyl methacrylate
Concen: 5.78 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 41 Resp: 9935
Ion Ratio Lower Upper
41 100
69 93.0 46.3 138.8
39 46.8 26.8 80.3





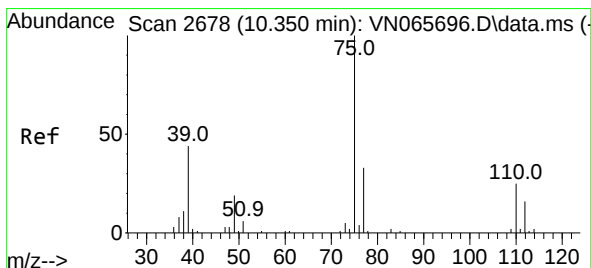
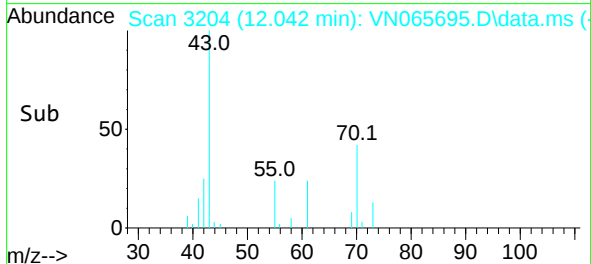
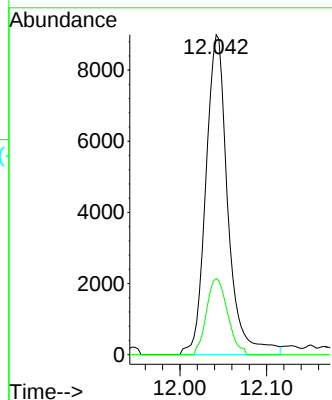
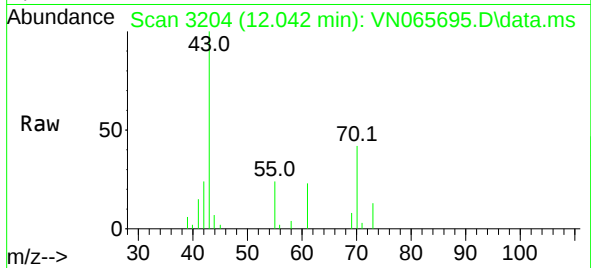
#47
n-amyl acetate
Concen: 5.28 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 43 Resp: 15881
Ion Ratio Lower Upper
43 100
55 22.7 21.3 31.9

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

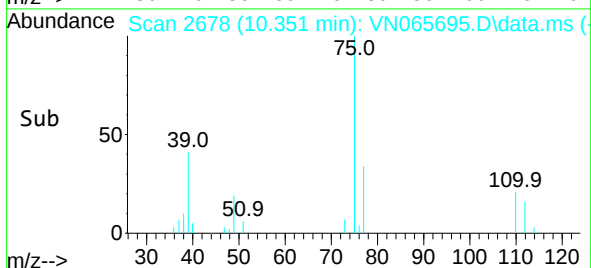
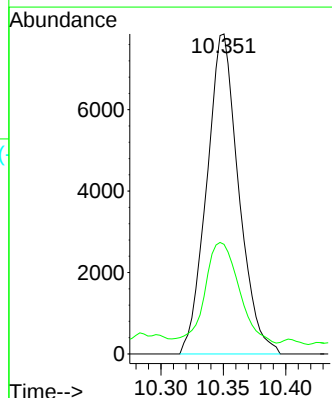
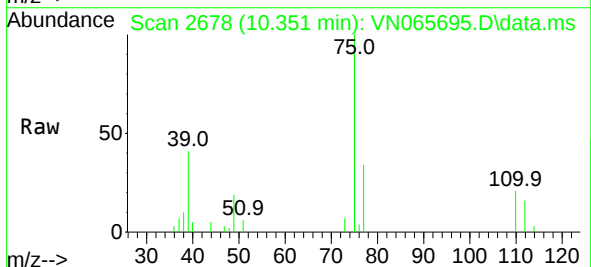
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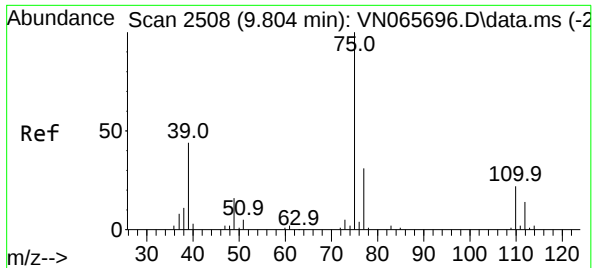
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#48
t-1,3-Dichloropropene
Concen: 5.09 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 75 Resp: 14030
Ion Ratio Lower Upper
75 100
77 30.7 26.5 39.7





#49

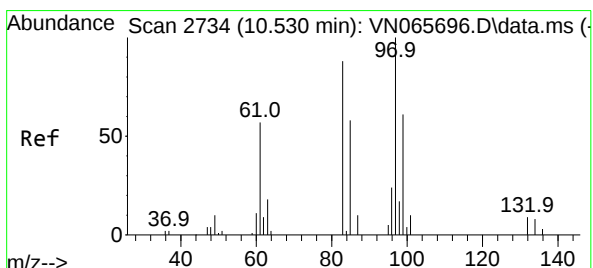
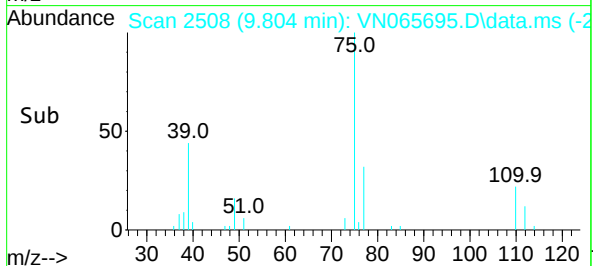
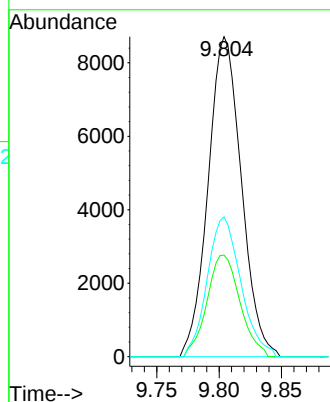
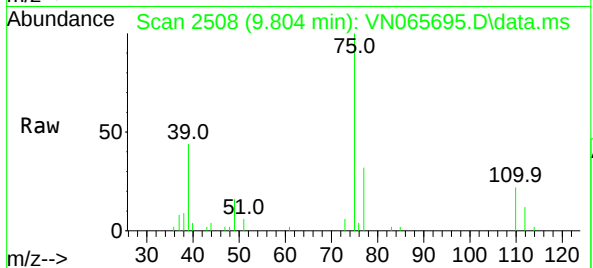
cis-1,3-Dichloropropene
Concen: 5.34 ug/l
RT: 9.804 min Scan# 2508
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:	75	Resp:	16202
Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.8	37.2
39	43.7	34.4	51.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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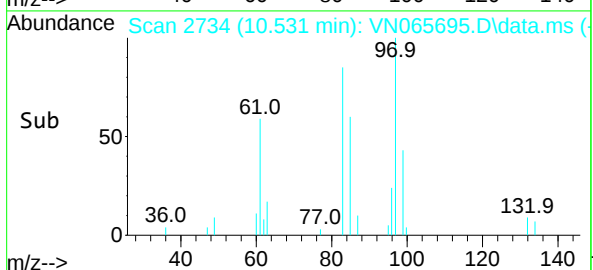
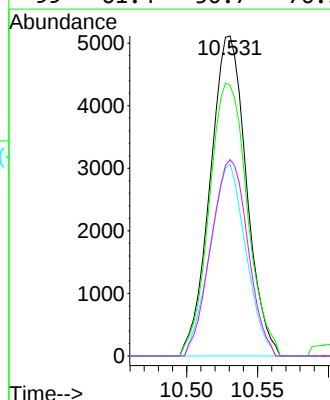
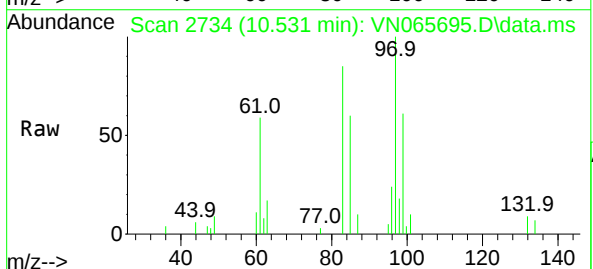
MMDadoda
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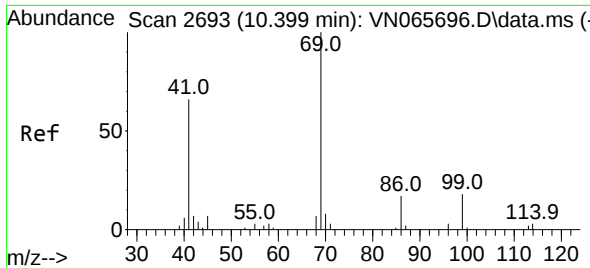


#50

1,1,2-Trichloroethane
Concen: 4.98 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:	97	Resp:	9097
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.4	102.6
85	59.9	42.8	64.2
99	61.4	50.7	76.1





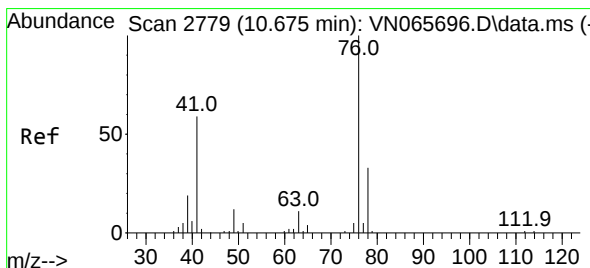
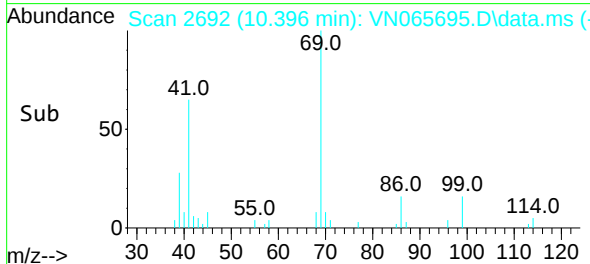
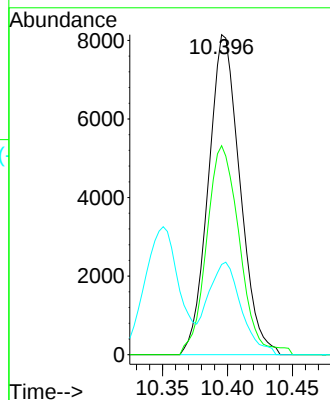
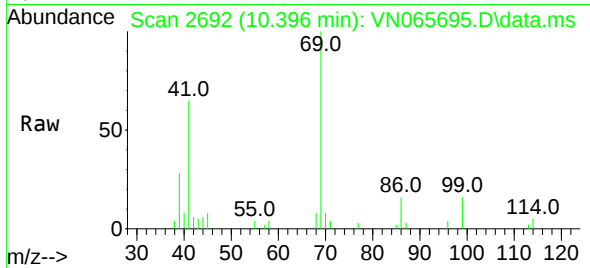
#51
Ethyl methacrylate
Concen: 5.22 ug/l
RT: 10.396 min Scan# 2692
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 69 Resp: 13767
Ion Ratio Lower Upper
69 100
41 65.3 31.9 95.7
39 28.2 15.6 46.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

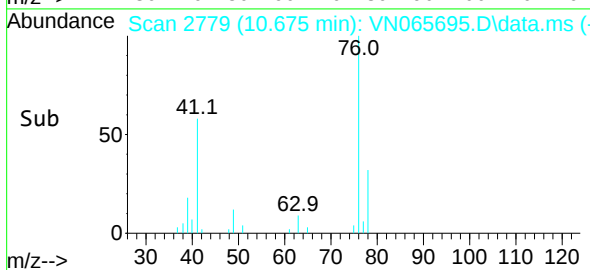
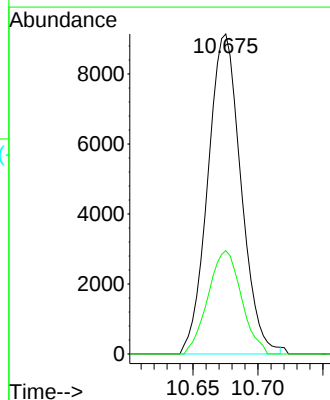
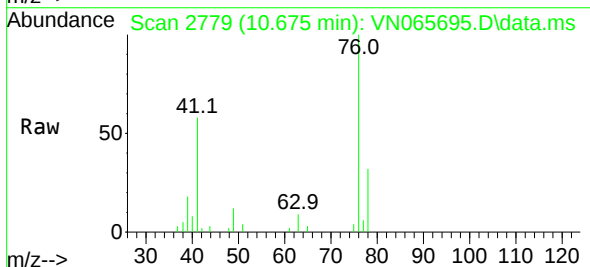
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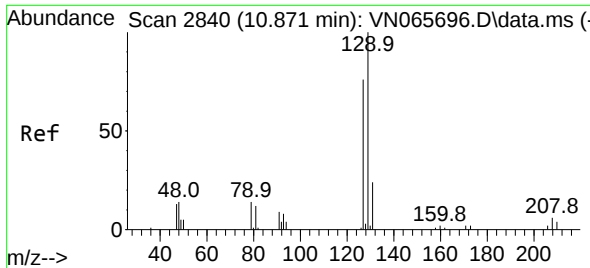
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#52
1,3-Dichloropropane
Concen: 5.26 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 76 Resp: 16187
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.2





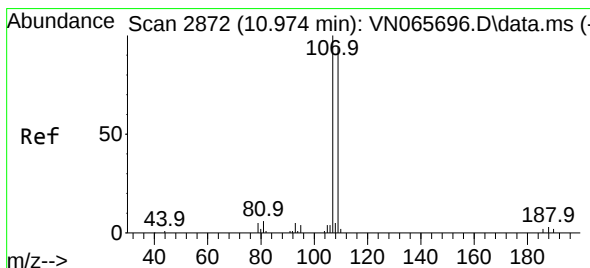
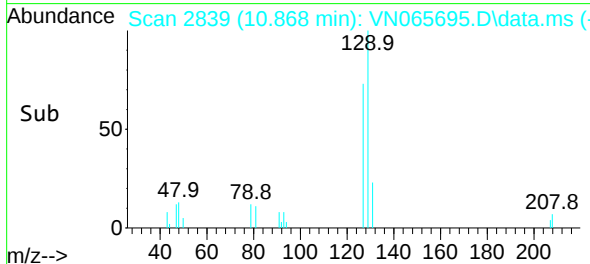
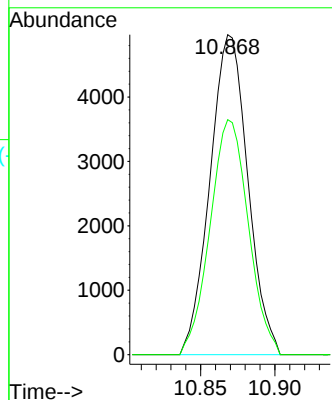
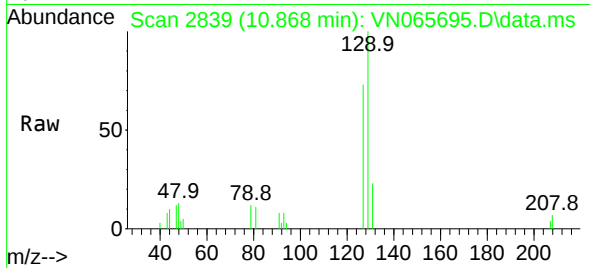
#53
Dibromochloromethane
Concen: 4.40 ug/l
RT: 10.868 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 8808
Ion Ratio Lower Upper
129 100
127 74.2 38.9 116.6

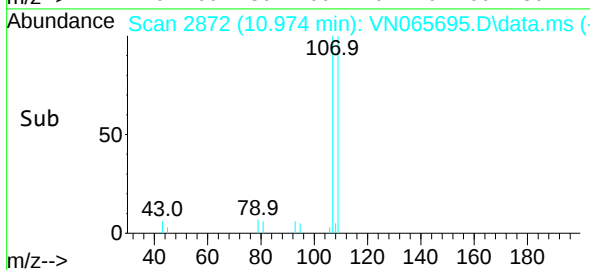
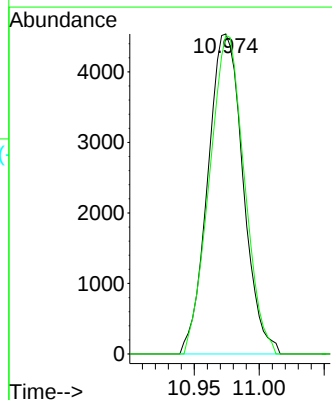
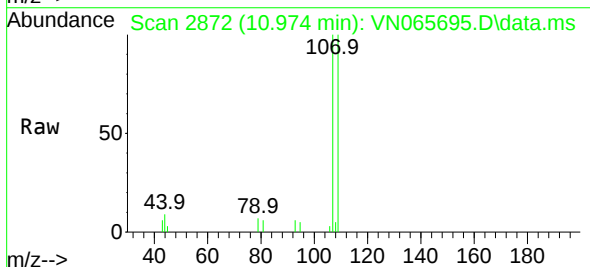
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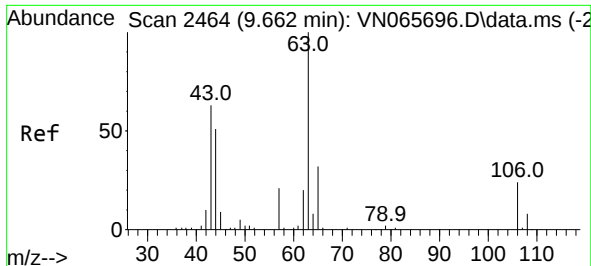
MMDadoda
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#54
1,2-Dibromoethane
Concen: 4.42 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:107 Resp: 8571
Ion Ratio Lower Upper
107 100
109 98.4 76.6 115.0





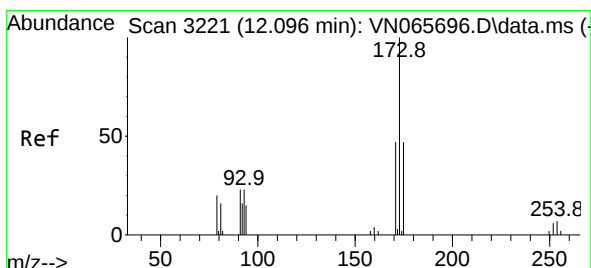
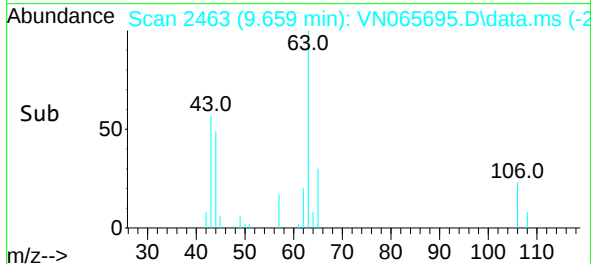
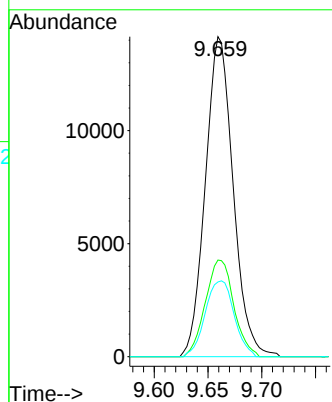
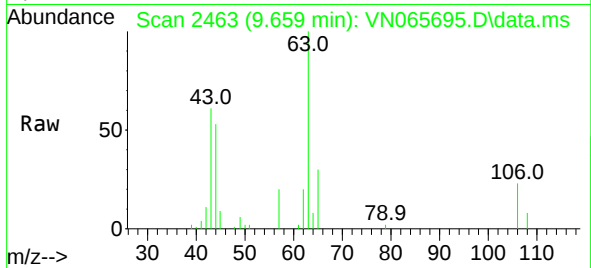
#55
2-Chloroethyl vinyl ether
Concen: 21.43 ug/l
RT: 9.659 min Scan# 2463
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.7	38.5
106	24.7	23.1	34.7

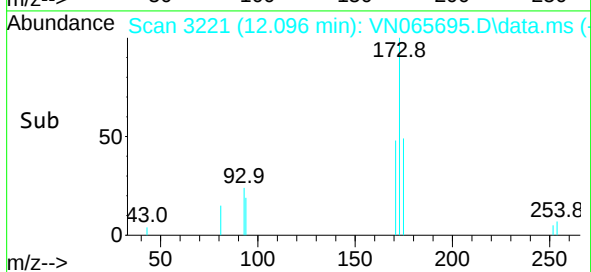
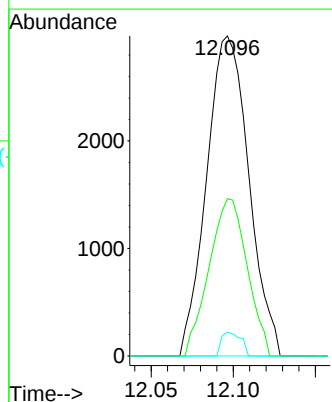
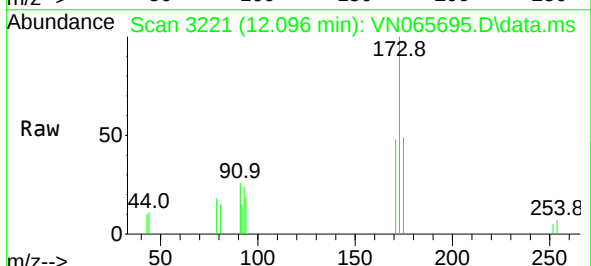
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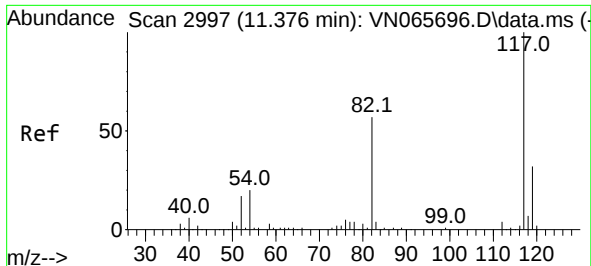
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#56
Bromoform
Concen: 3.51 ug/l
RT: 12.096 min Scan# 3221
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
173	100		
175	44.3	38.2	57.4
254	3.4	9.8	14.8





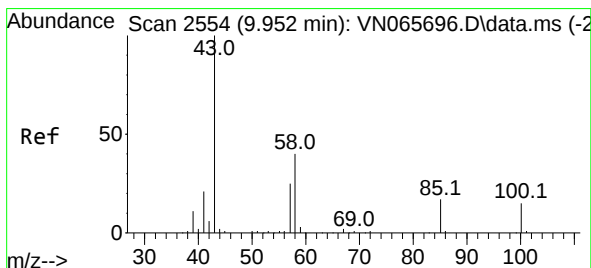
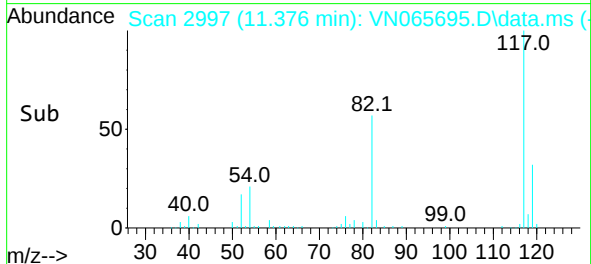
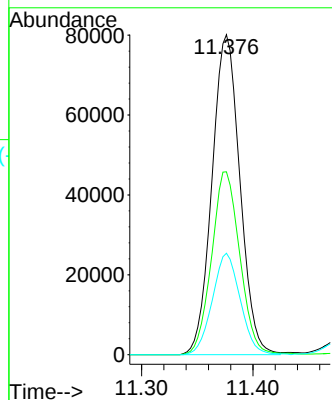
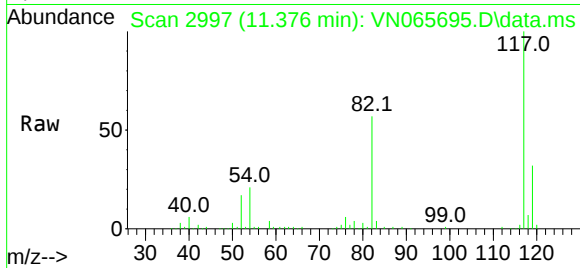
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:	117	Resp:	139645
Ion Ratio	100	Lower	Upper
82	57.7	41.3	61.9
119	31.6	25.7	38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

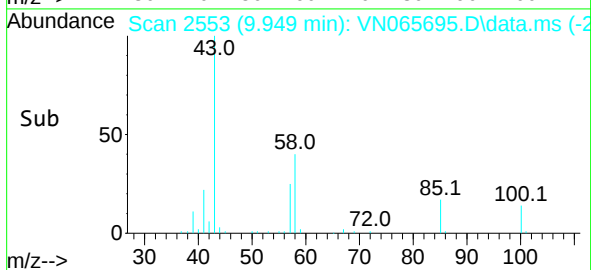
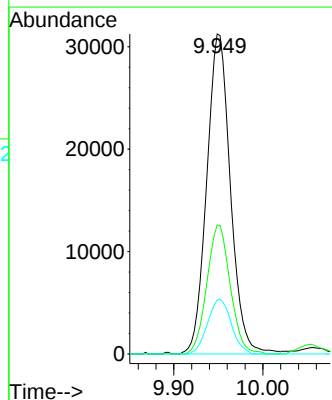
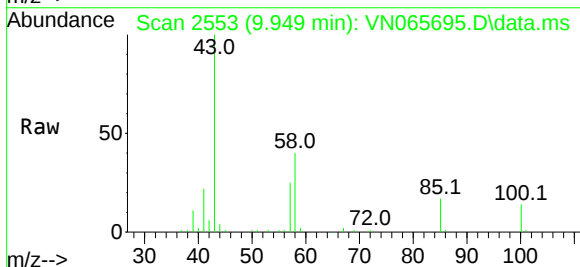
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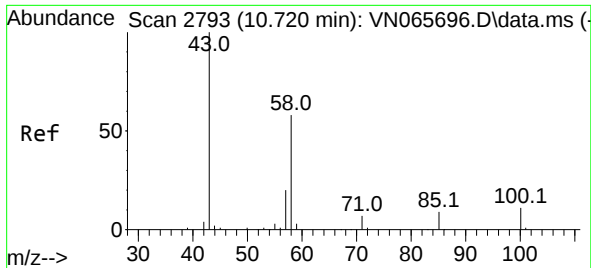
MMDadoda
2/4/2021 10:33:10 AM



#58
4-Methyl-2-Pentanone
Concen: 29.98 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:	43	Resp:	57715
Ion Ratio	100	Lower	Upper
58	39.7	32.7	49.1
85	17.1	16.0	24.0





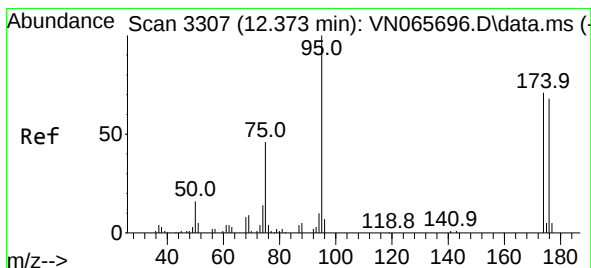
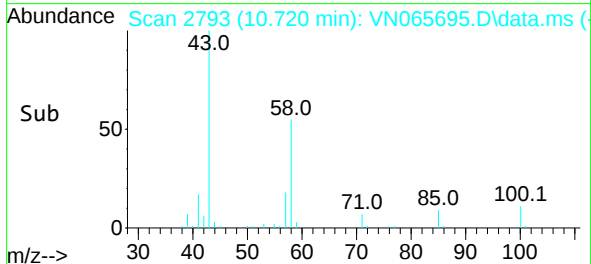
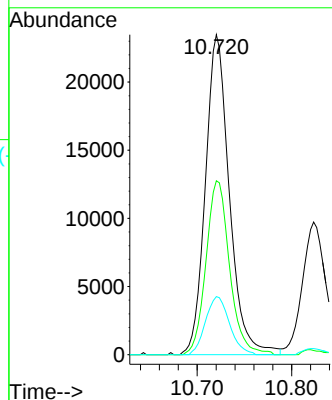
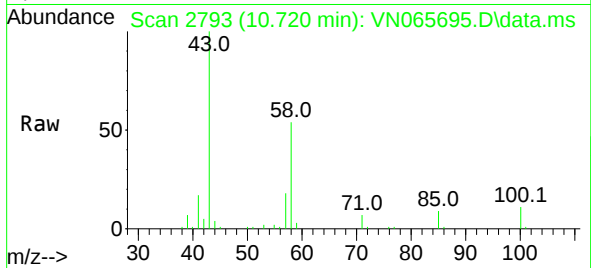
#59
2-Hexanone
Concen: 29.74 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:	43	Resp:	41430
Ion	Ratio	Lower	Upper
43	100		
58	53.5	45.4	68.0
57	18.2	15.8	23.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

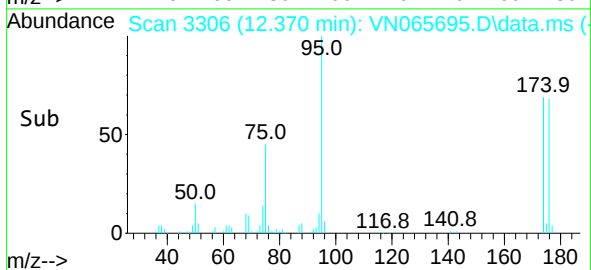
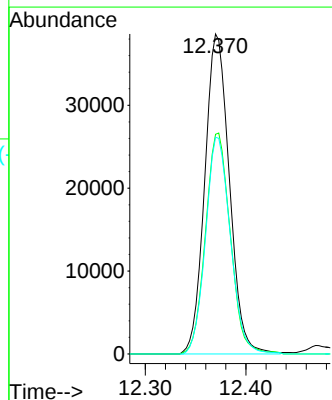
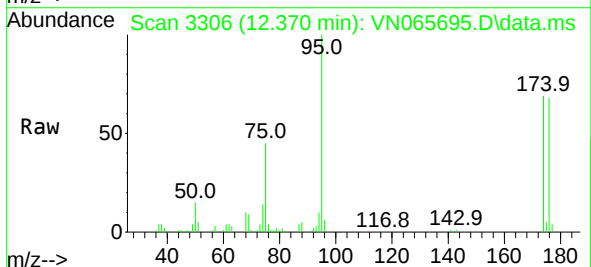
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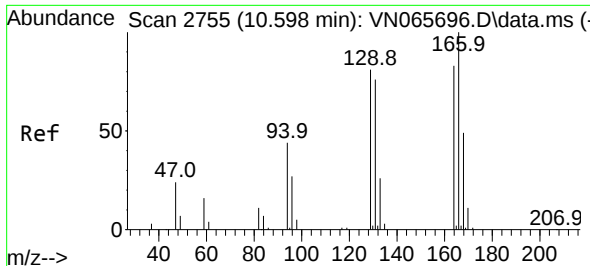
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.43 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

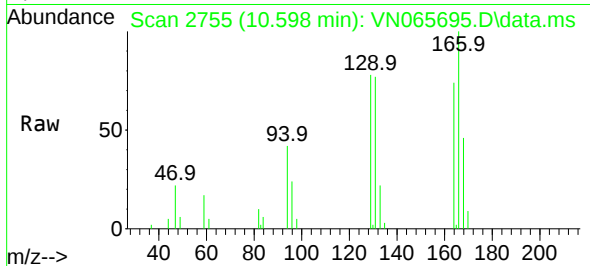
Tgt Ion:	95	Resp:	65675
Ion	Ratio	Lower	Upper
95	100		
174	69.4	77.0	115.6#
176	68.2	75.8	113.6#





#61
Tetrachloroethene
Concen: 4.49 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

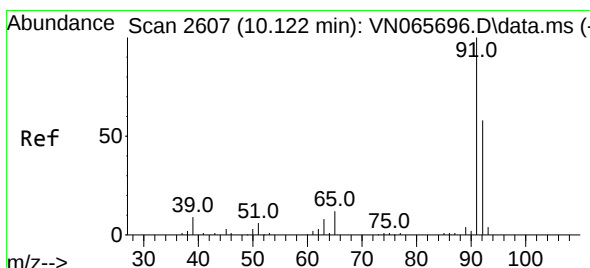
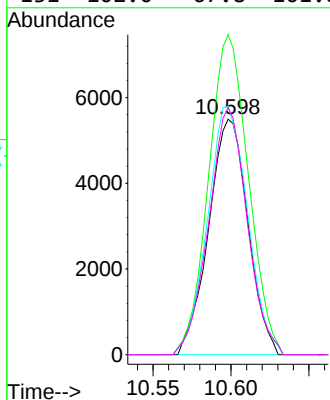
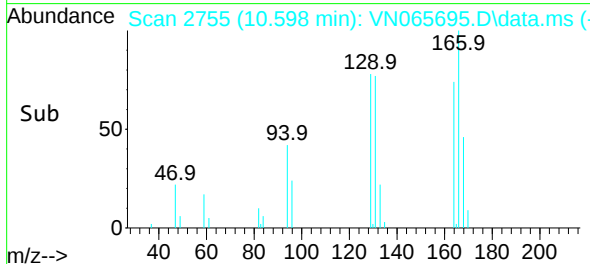
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



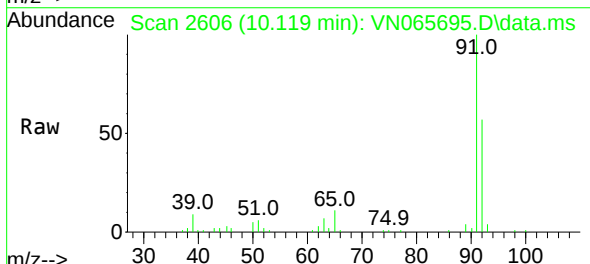
Tgt Ion:164 Resp: 9633
Ion Ratio Lower Upper
164 100
166 133.0 101.2 151.8
129 102.7 69.7 104.5
131 102.0 67.8 101.8#

Manual Integrations
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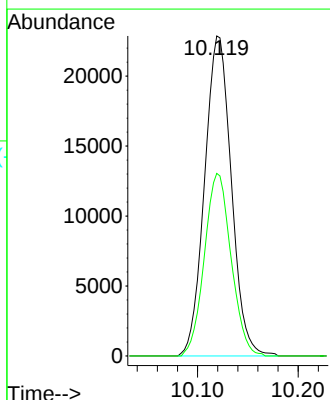
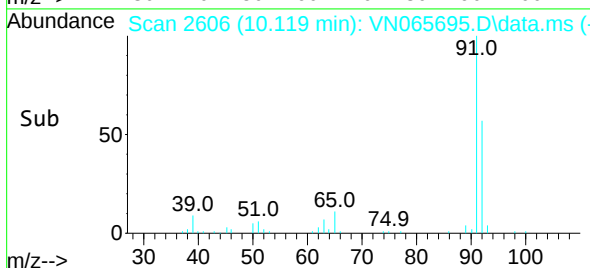
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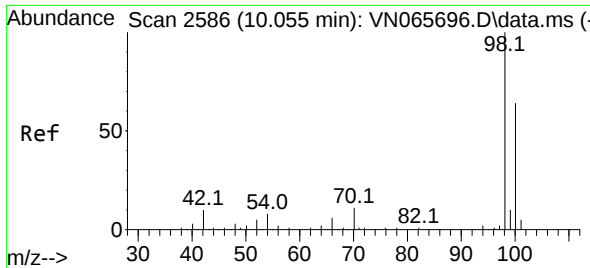


#62
Toluene
Concen: 5.72 ug/l
RT: 10.119 min Scan# 2606
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



Tgt Ion: 91 Resp: 42298
Ion Ratio Lower Upper
91 100
92 56.8 46.2 69.4





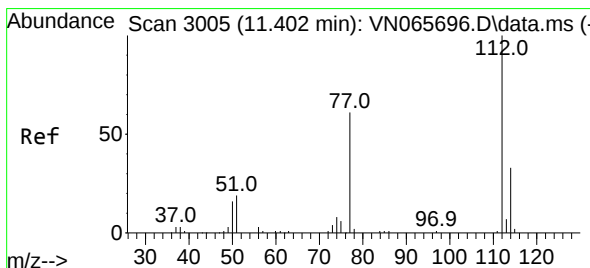
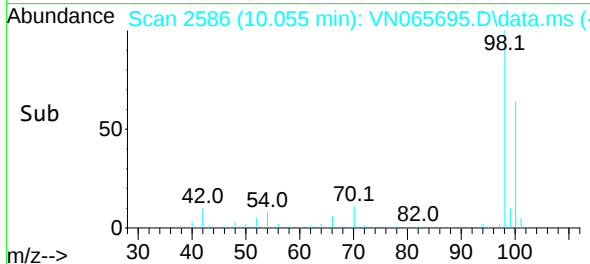
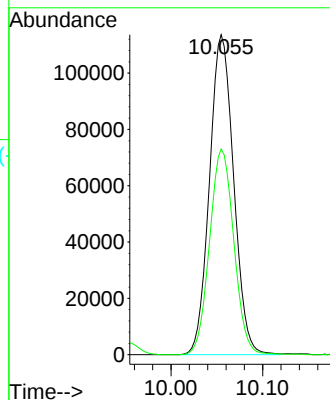
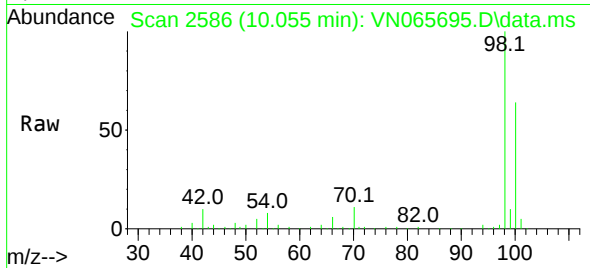
#63
Toluene-d8
Concen: 33.35 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 98 Resp: 208052
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

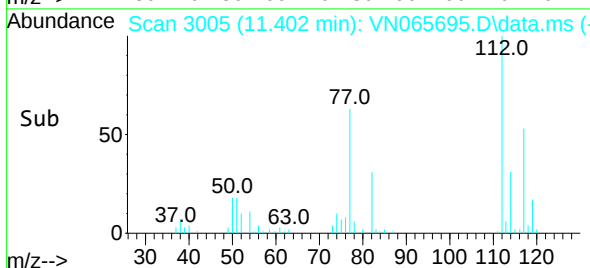
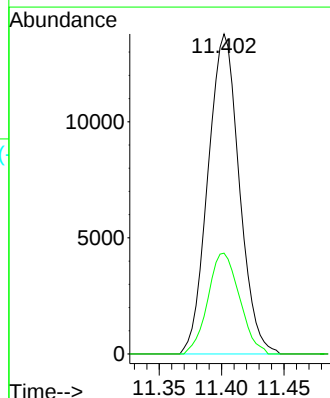
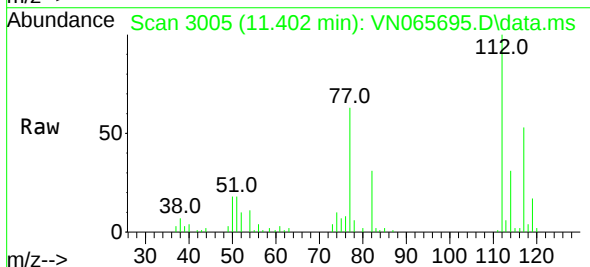
Manual Integrations
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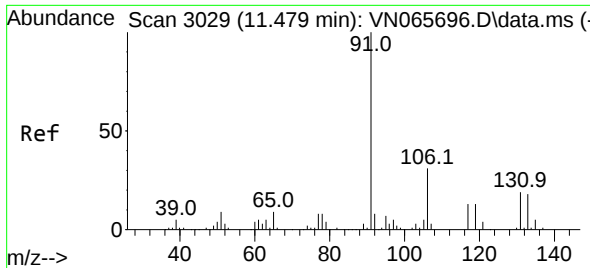
MMDadoda
2/4/2021 10:33:10 AM



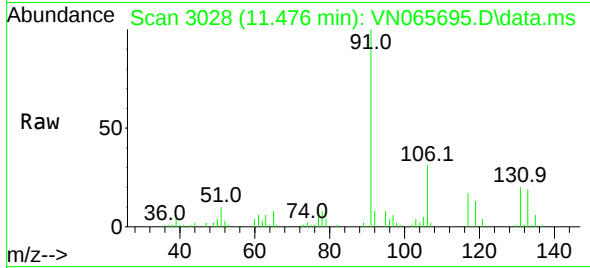
#64
Chlorobenzene
Concen: 5.10 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 112 Resp: 24099
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3

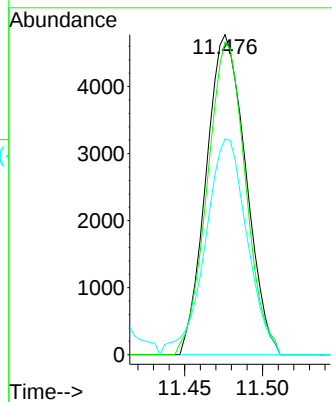
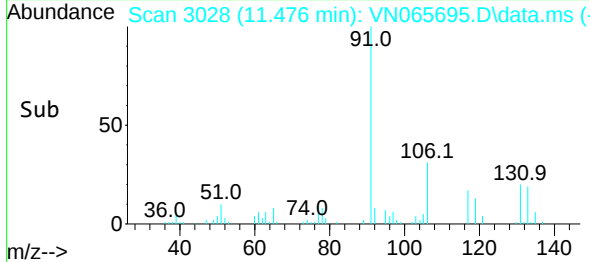




#65
1,1,1,2-Tetrachloroethane
Concen: 4.82 ug/l
RT: 11.476 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



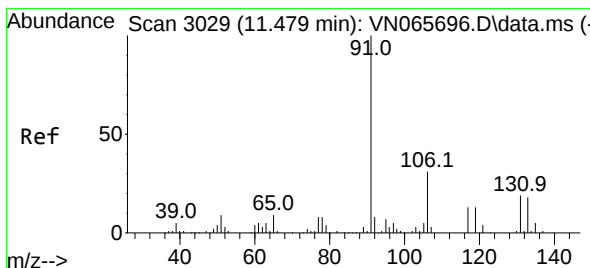
Tgt Ion:131 Resp: 8439
Ion Ratio Lower Upper
131 100
133 94.2 0.0 186.2
119 70.9 0.0 131.6



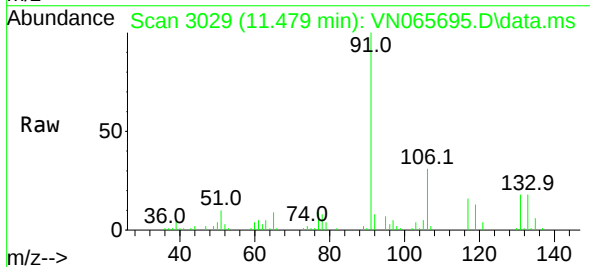
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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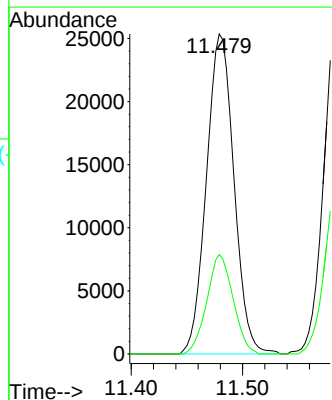
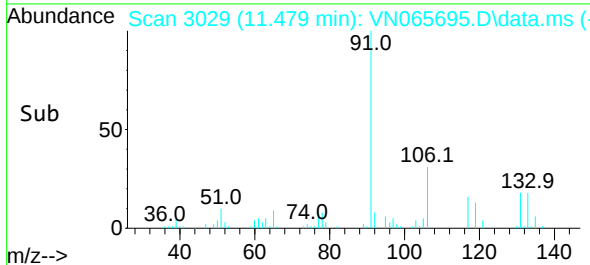
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2/4/2021 10:33:10 AM

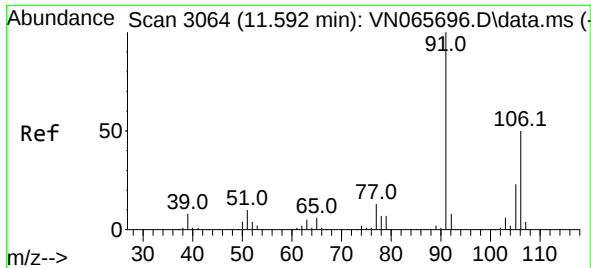


#66
Ethyl Benzene
Concen: 5.40 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



Tgt Ion: 91 Resp: 43584
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3





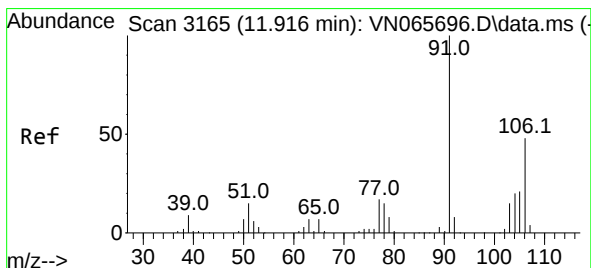
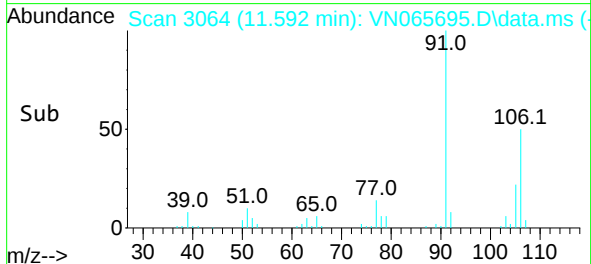
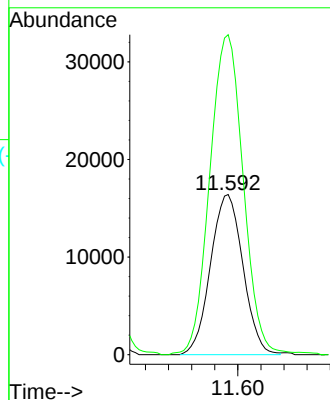
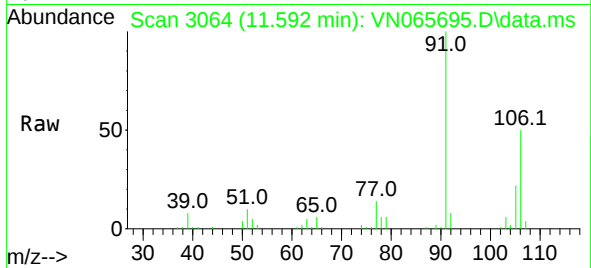
#67
m/p-Xylenes
Concen: 10.24 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:106 Resp: 32052
Ion Ratio Lower Upper
106 100
91 205.5 159.0 238.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

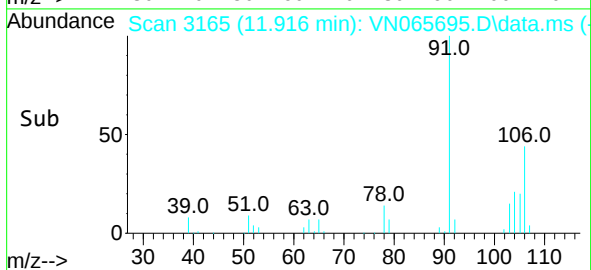
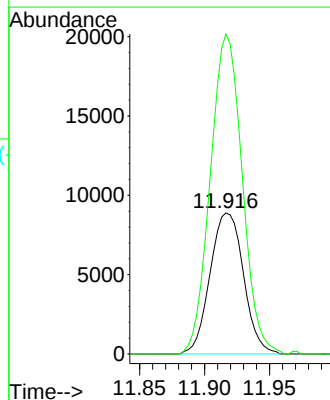
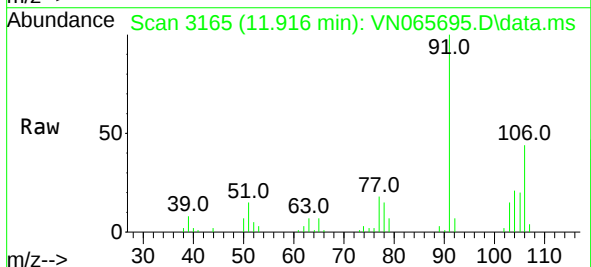
Manual Integrations
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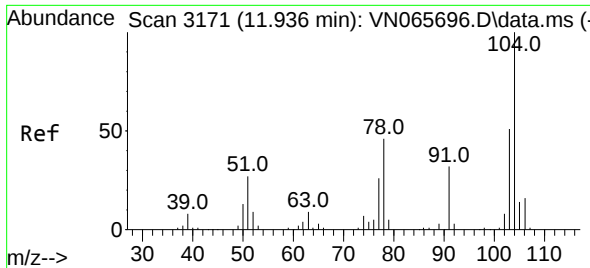
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#68
o-Xylene
Concen: 5.25 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:106 Resp: 15922
Ion Ratio Lower Upper
106 100
91 216.2 104.7 313.9





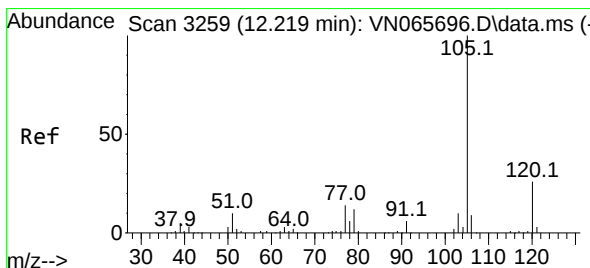
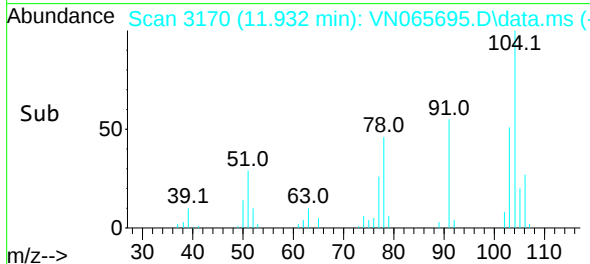
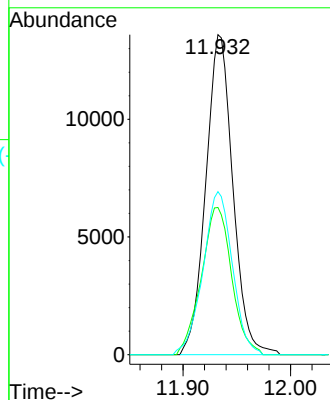
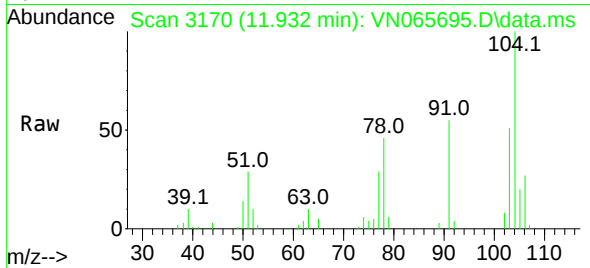
#69
Styrene
Concen: 4.75 ug/l
RT: 11.932 min Scan# 3170
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:104 Resp: 23820
Ion Ratio Lower Upper
104 100
78 51.5 38.0 57.0
103 55.1 44.3 66.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

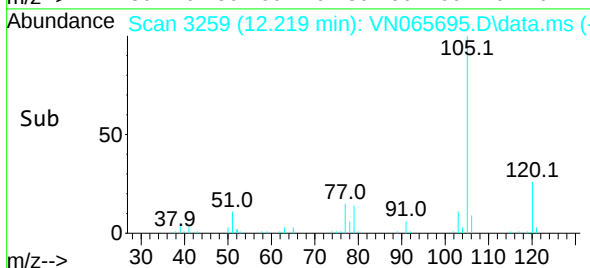
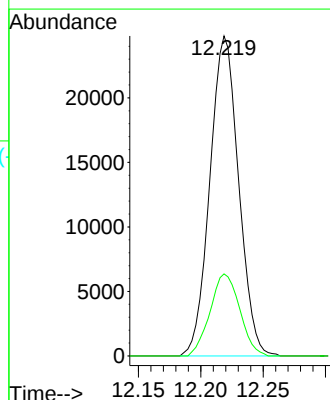
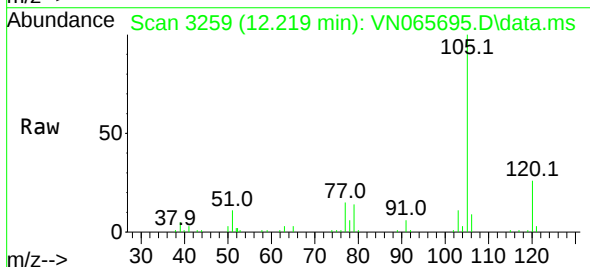
Manual Integrations
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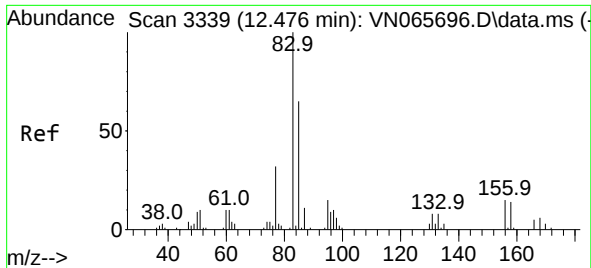
MMDadoda
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#70
Isopropylbenzene
Concen: 5.04 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:105 Resp: 39843
Ion Ratio Lower Upper
105 100
120 26.4 19.3 35.9





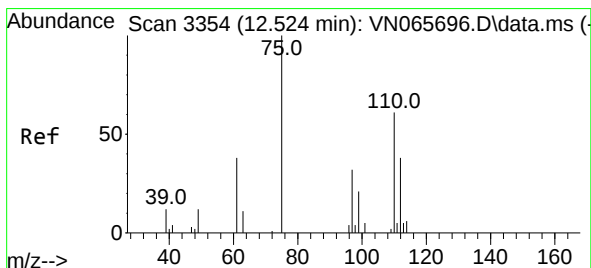
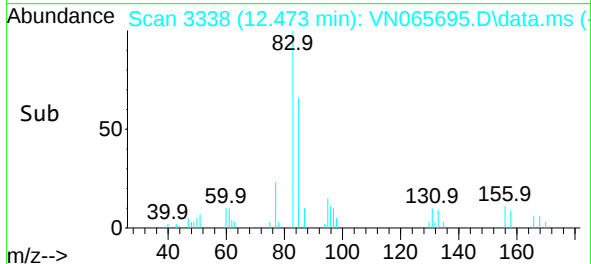
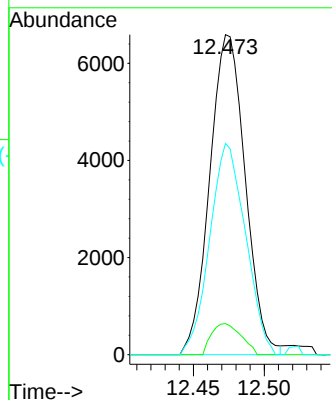
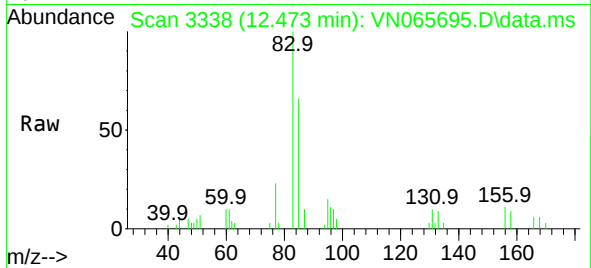
#71
1,1,2,2-Tetrachloroethane
Concen: 5.07 ug/l
RT: 12.473 min Scan# 3338
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 83 Resp: 11473
Ion Ratio Lower Upper
83 100
131 8.1 5.5 16.4
85 66.5 32.1 96.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

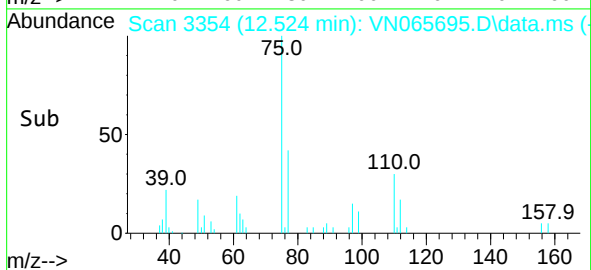
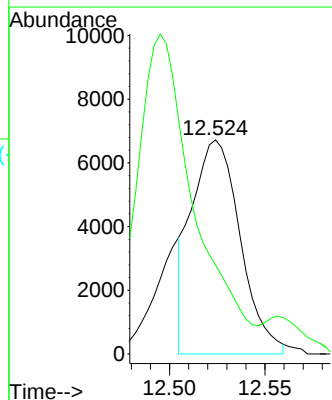
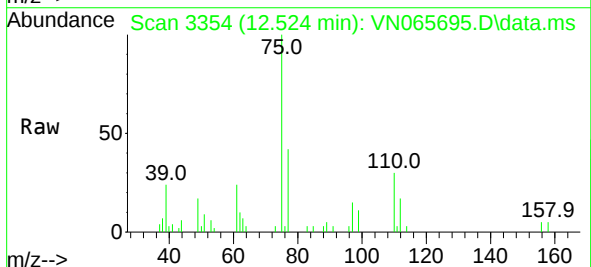
Manual Integrations
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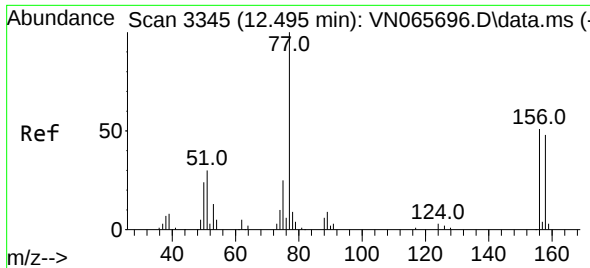
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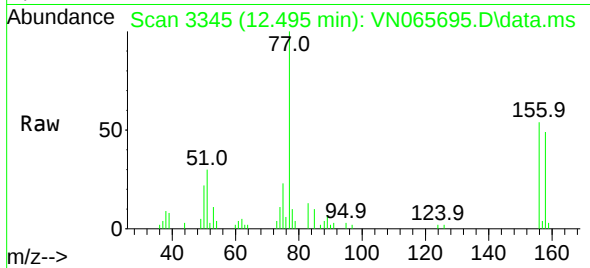
#72
1,2,3-Trichloropropane
Concen: 5.44 ug/l m
RT: 12.524 min Scan# 3354
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 75 Resp: 11868
Ion Ratio Lower Upper
75 100
77 179.1 0.0 366.4

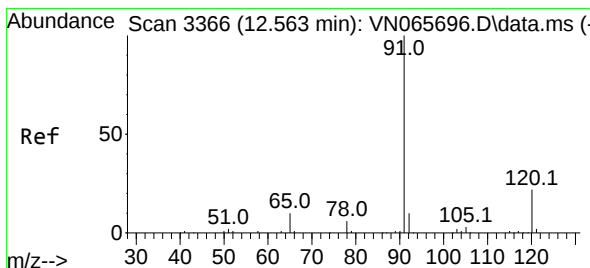
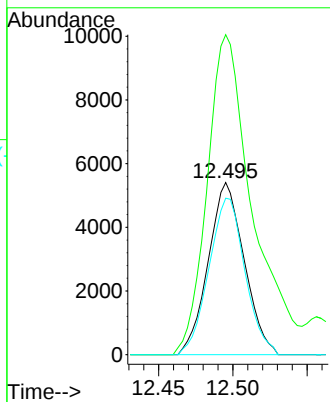
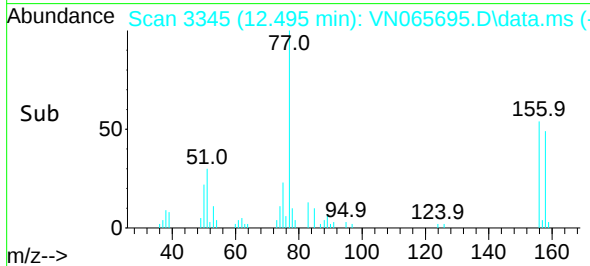




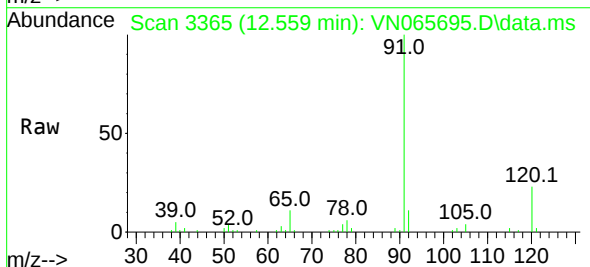
#73
Bromobenzene
Concen: 4.19 ug/l
RT: 12.495 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



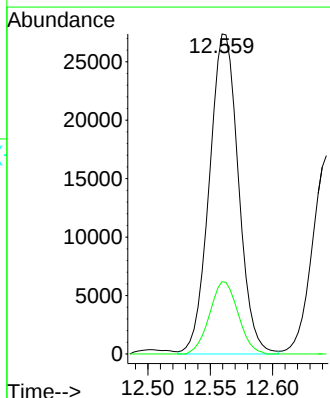
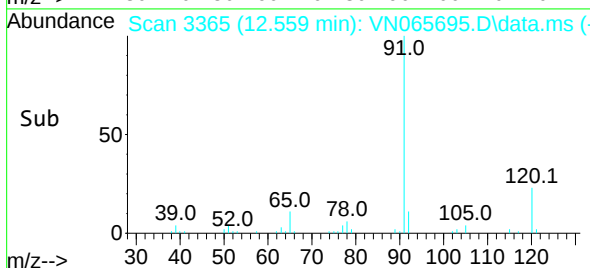
Tgt Ion:156 Resp: 9089
Ion Ratio Lower Upper
156 100
77 233.9 0.0 348.8
158 91.3 0.0 194.8



#74
n-propylbenzene
Concen: 5.01 ug/l
RT: 12.559 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



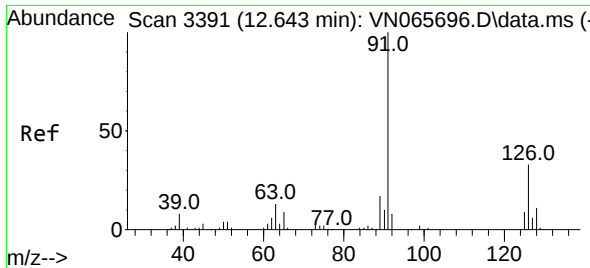
Tgt Ion: 91 Resp: 44489
Ion Ratio Lower Upper
91 100
120 22.1 0.0 49.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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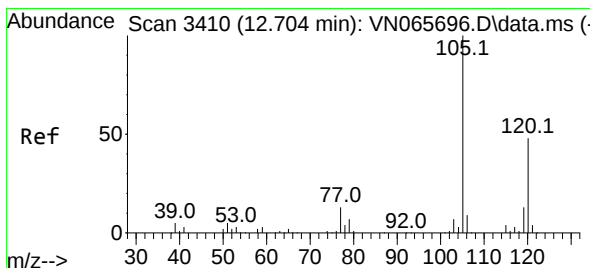
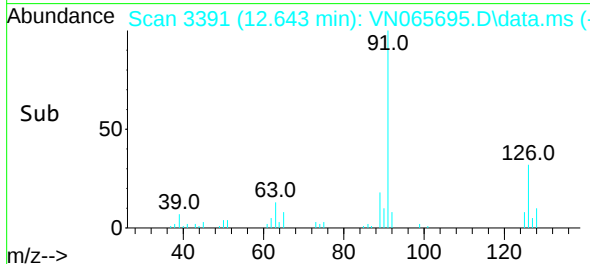
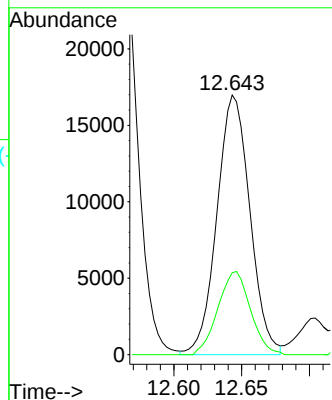
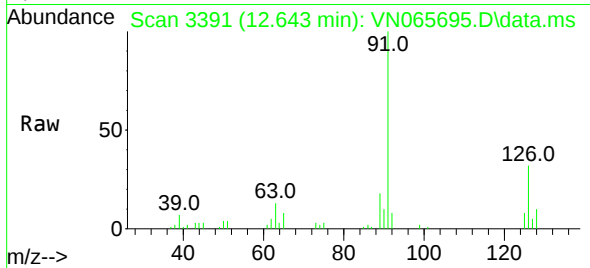
#75
2-Chlorotoluene
Concen: 5.35 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 91 Resp: 28762
Ion Ratio Lower Upper
91 100
126 31.5 0.0 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

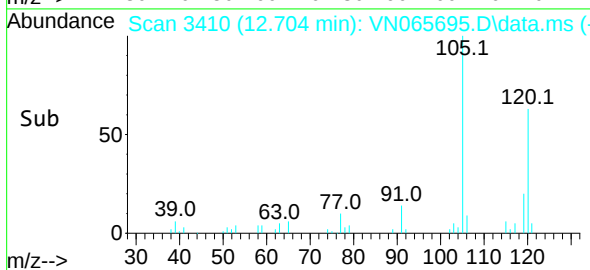
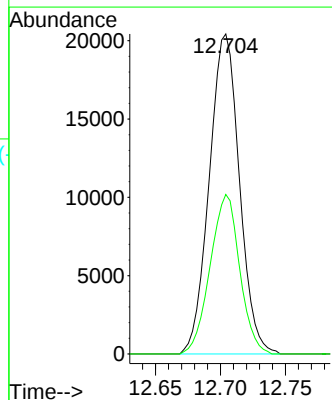
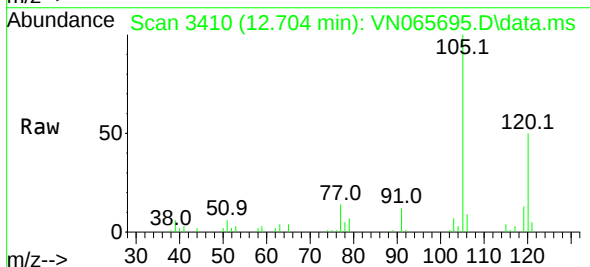
Manual Integrations
APPROVED

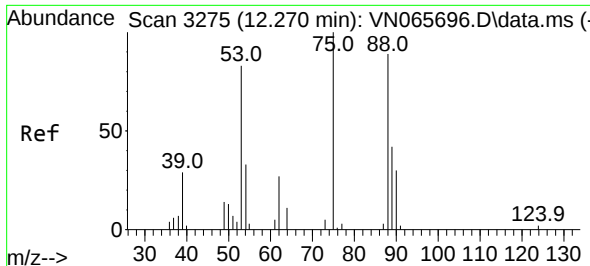
MMDadoda
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#76
1,3,5-Trimethylbenzene
Concen: 4.90 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion: 105 Resp: 32990
Ion Ratio Lower Upper
105 100
120 48.7 0.0 101.6





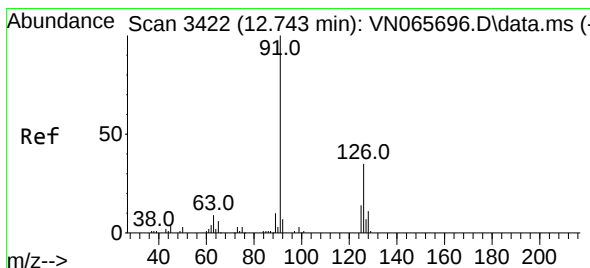
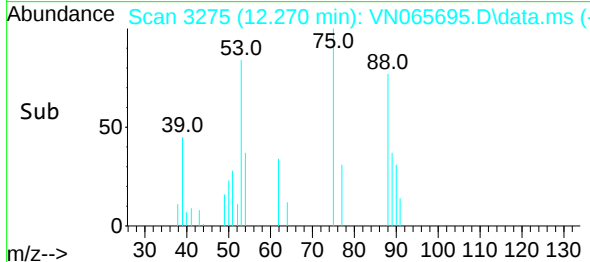
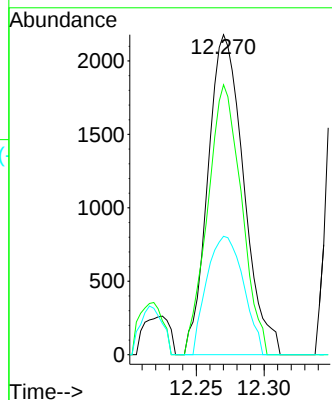
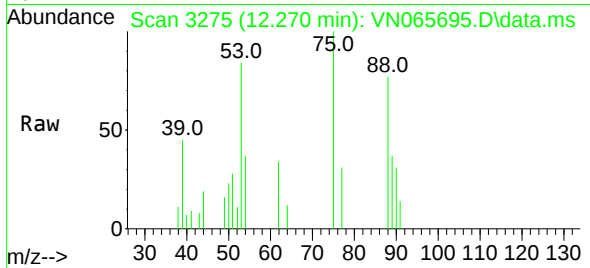
#77
t-1,4-Dichloro-2-butene
Concen: 5.15 ug/l
RT: 12.270 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.4	44.9	134.5
89	37.0	21.3	64.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

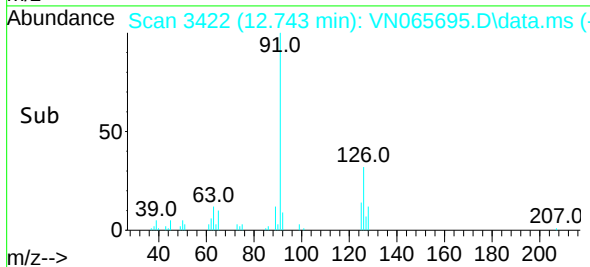
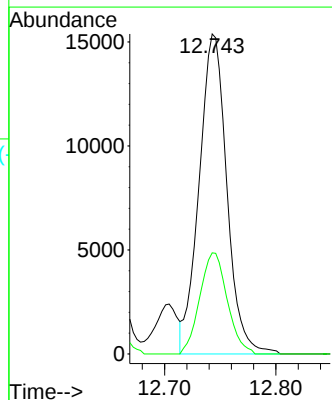
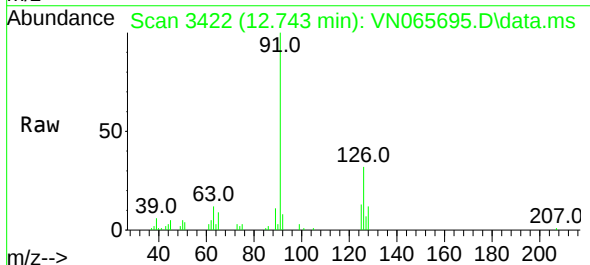
Manual Integrations
APPROVED

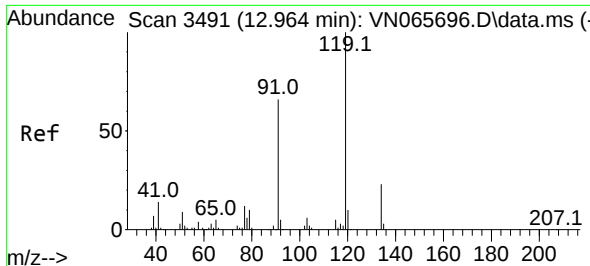
MMDadoda
2/4/2021 10:33:10 AM



#78
4-Chlorotoluene
Concen: 4.93 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

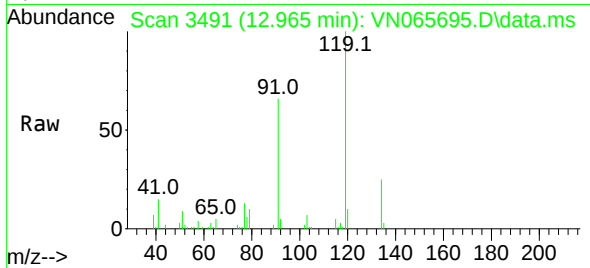
Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	71.4





#79
tert-butylbenzene
Concen: 4.88 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

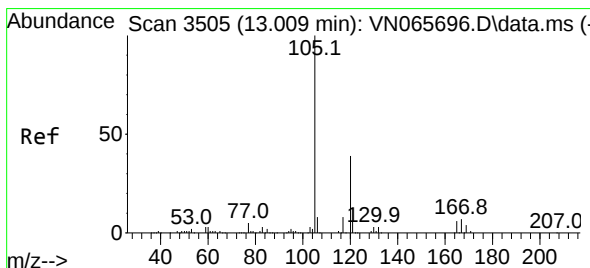
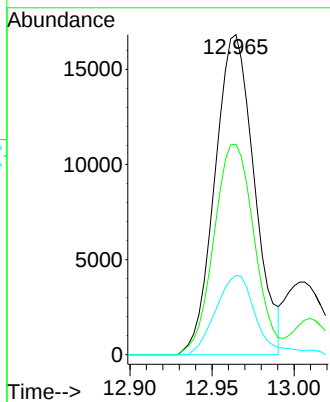
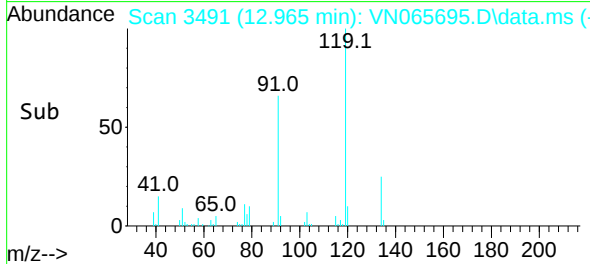
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



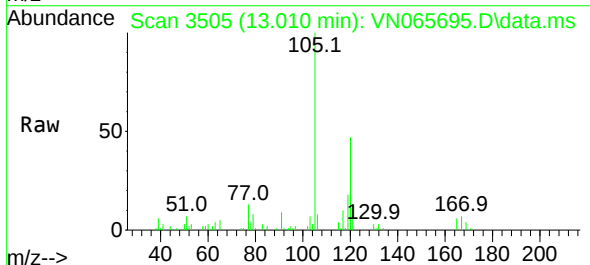
Tgt Ion:119 Resp: 28079
Ion Ratio Lower Upper
119 100
91 67.4 0.0 126.0
134 25.1 0.0 51.2

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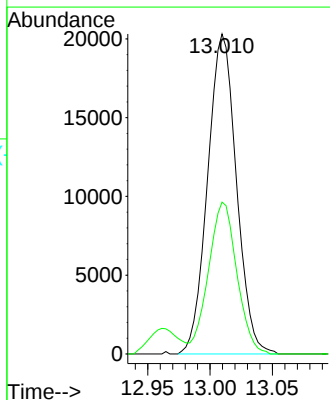
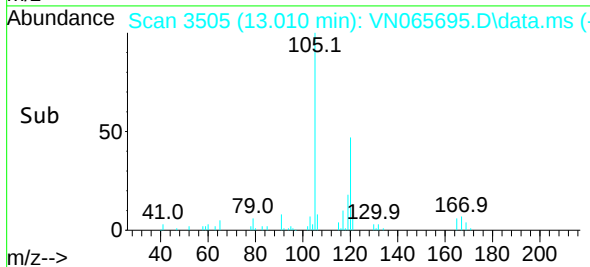
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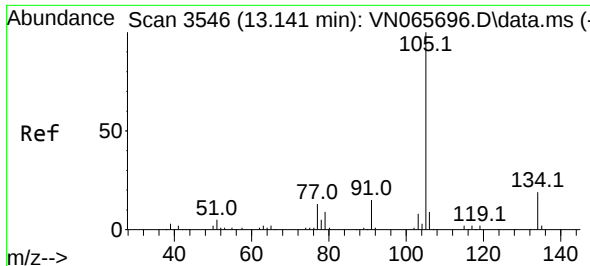


#80
1,2,4-Trimethylbenzene
Concen: 4.88 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



Tgt Ion:105 Resp: 32698
Ion Ratio Lower Upper
105 100
120 46.6 0.0 93.6





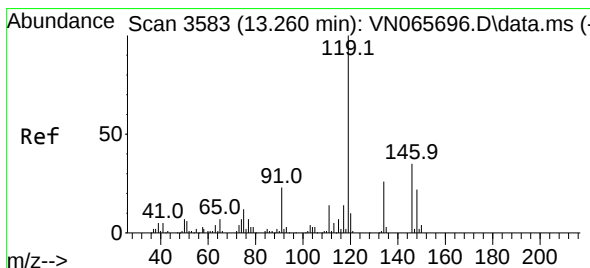
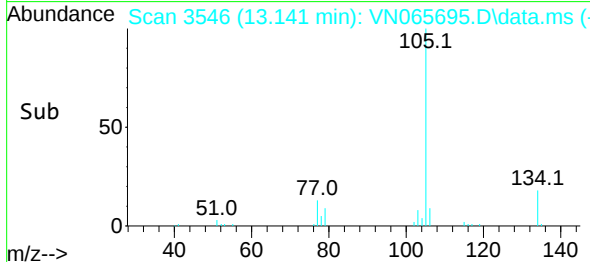
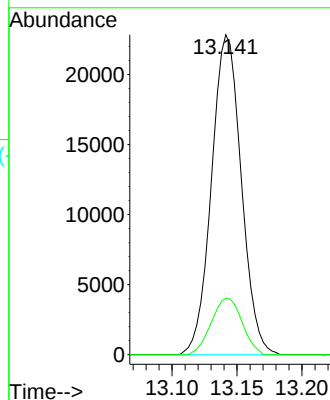
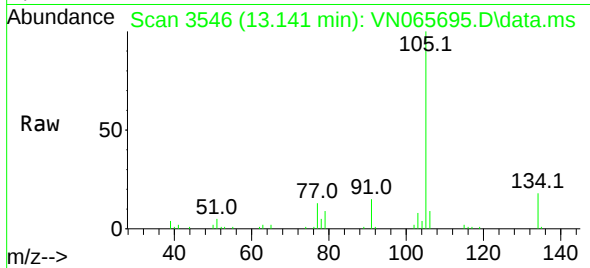
#81
 sec-Butylbenzene
 Concen: 4.86 ug/l
 RT: 13.141 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: VN065695.D
 Acq: 3 Feb 2021 12:50

Tgt Ion:105 Resp: 36379
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 42.2

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

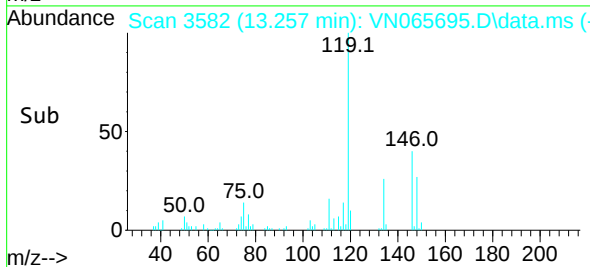
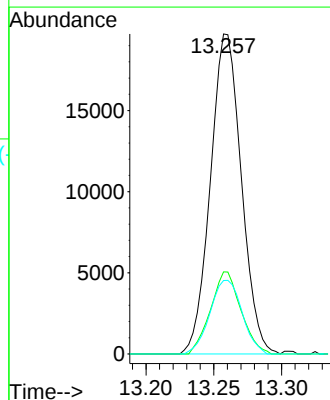
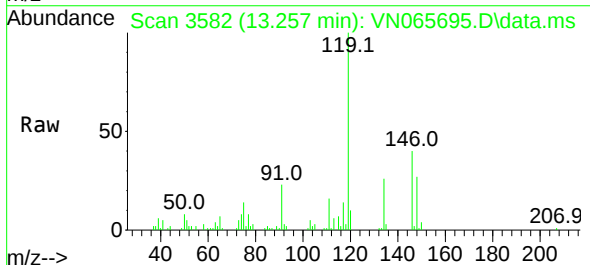
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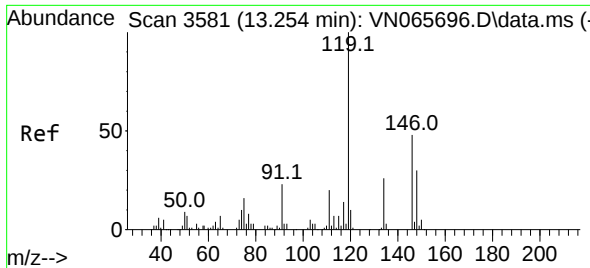
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#82
 p-Isopropyltoluene
 Concen: 4.51 ug/l
 RT: 13.257 min Scan# 3582
 Delta R.T. -0.003 min
 Lab File: VN065695.D
 Acq: 3 Feb 2021 12:50

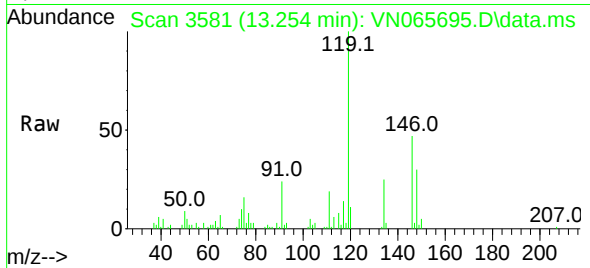
Tgt Ion:119 Resp: 31293
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 54.8
 91 23.9 0.0 44.8





#83
1,3-Dichlorobenzene
Concen: 3.90 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

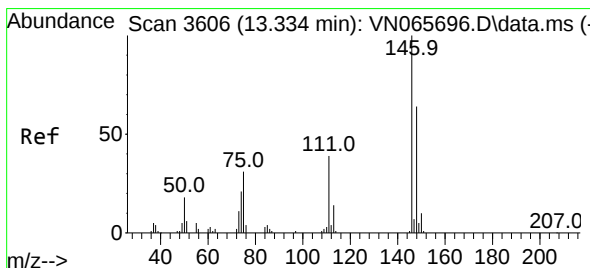
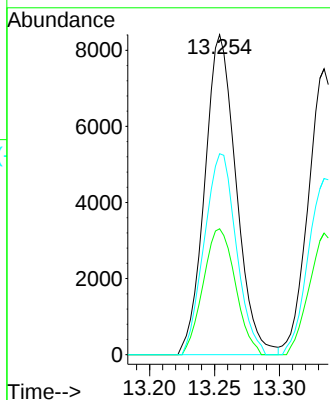
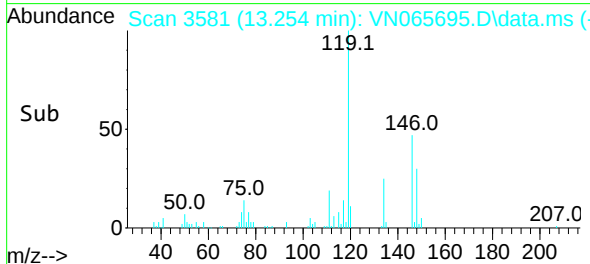
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



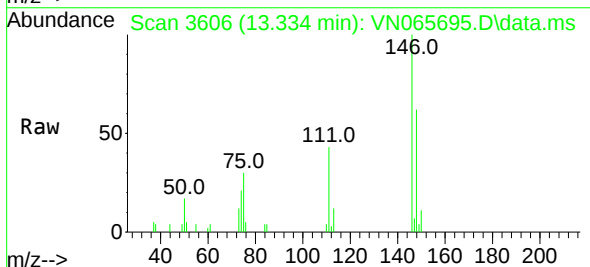
Tgt Ion:146 Resp: 14147
Ion Ratio Lower Upper
146 100
111 40.2 18.6 55.8
148 64.0 32.0 96.2

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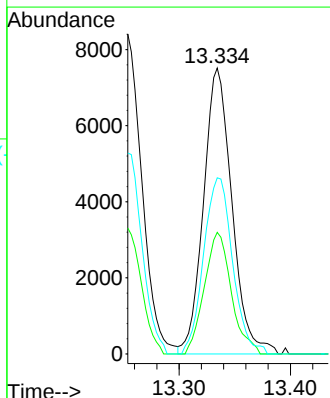
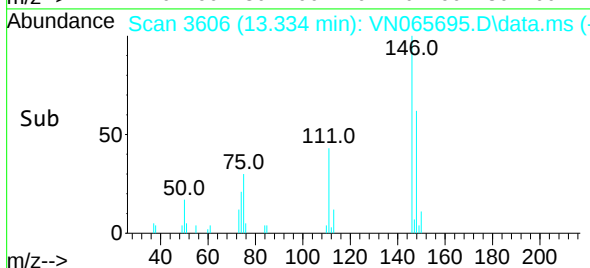
MMDadoda
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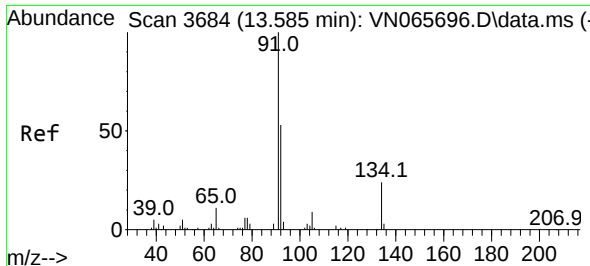


#84
1,4-Dichlorobenzene
Concen: 3.75 ug/l
RT: 13.334 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



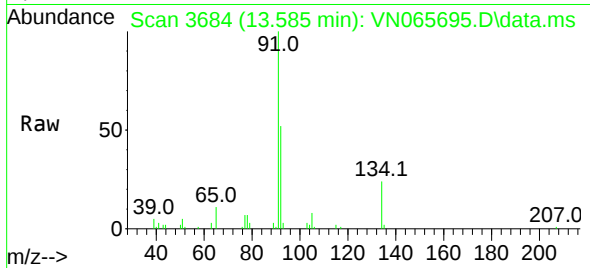
Tgt Ion:146 Resp: 13341
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.7
148 62.2 31.8 95.4





#85
n-Butylbenzene
Concen: 4.59 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

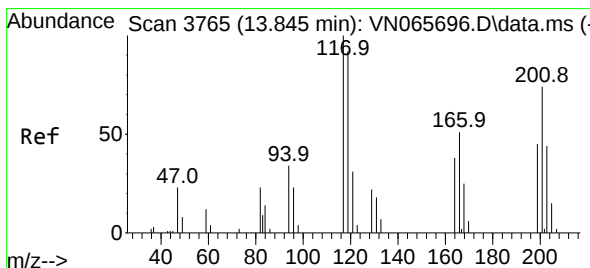
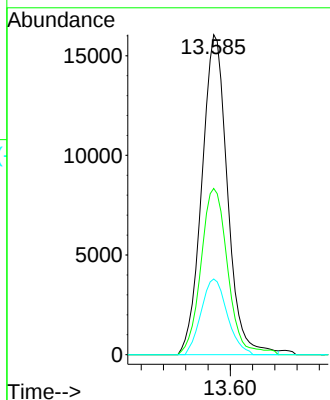
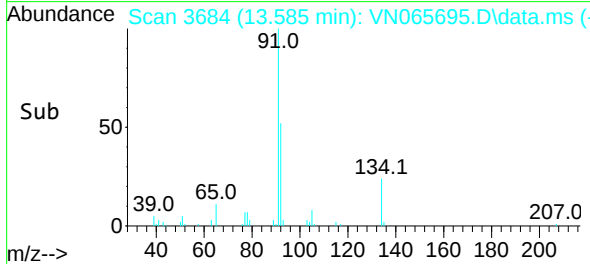
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



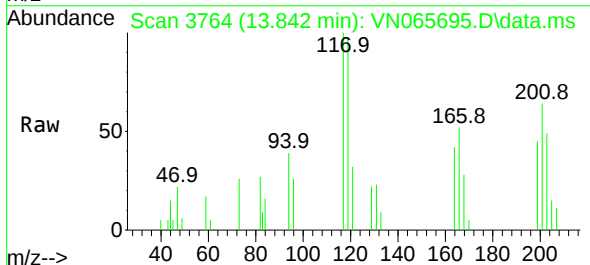
Tgt Ion: 91 Resp: 25610
Ion Ratio Lower Upper
91 100
92 54.0 0.0 104.8
134 24.1 0.0 55.8

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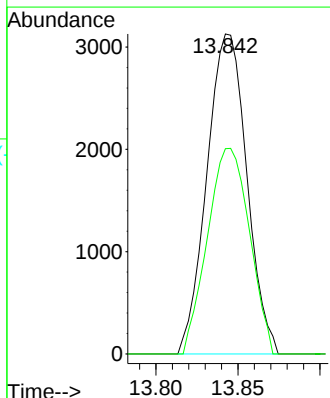
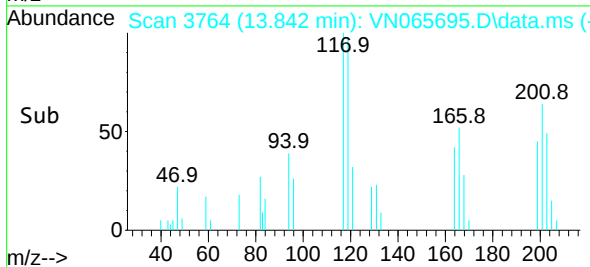
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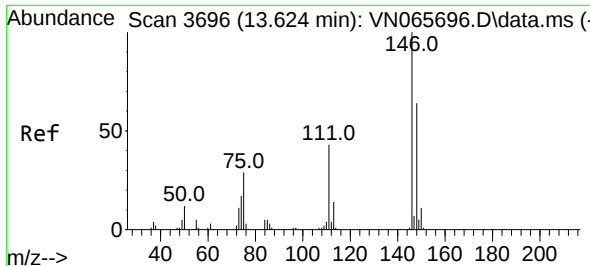


#86
Hexachloroethane
Concen: 4.58 ug/l
RT: 13.842 min Scan# 3764
Delta R.T. -0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

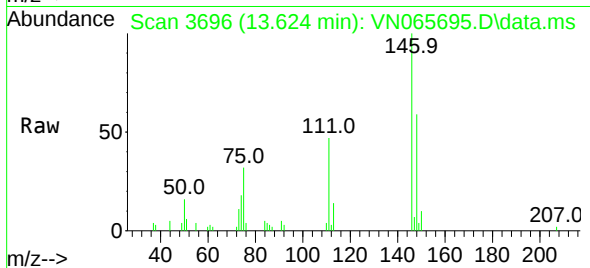


Tgt Ion: 117 Resp: 5289
Ion Ratio Lower Upper
117 100
201 67.5 48.4 145.3

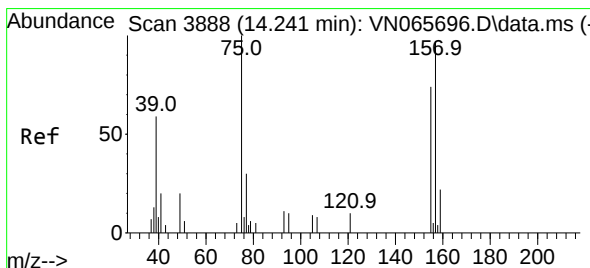
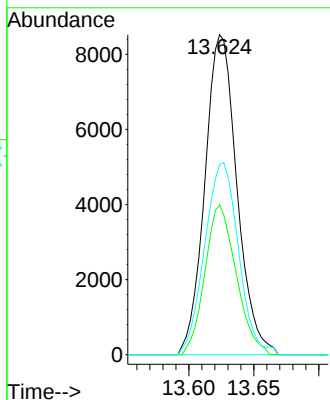
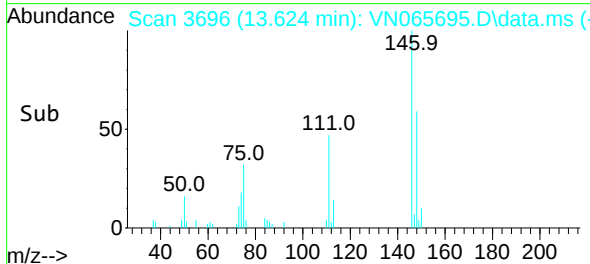




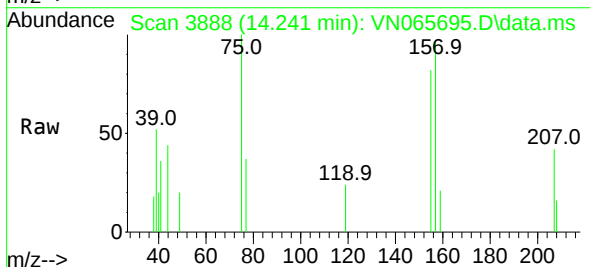
#87
1,2-Dichlorobenzene
Concen: 4.09 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



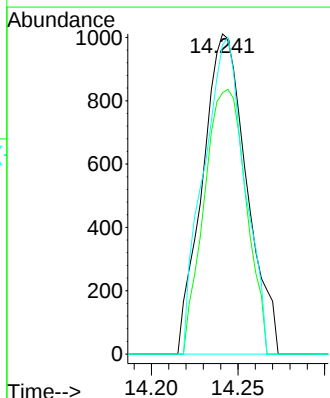
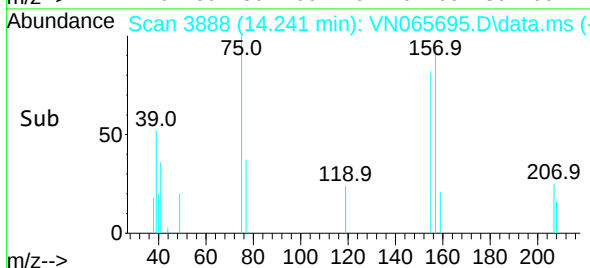
Tgt Ion: 146 Resp: 14653
Ion Ratio Lower Upper
146 100
111 45.5 18.9 56.9
148 62.6 32.3 96.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.34 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



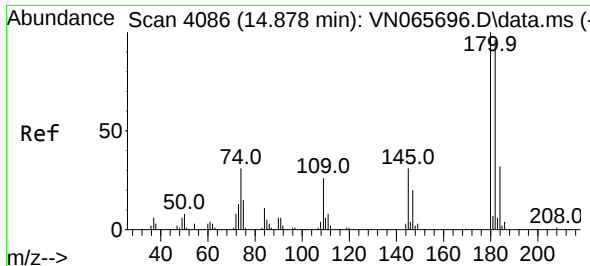
Tgt Ion: 75 Resp: 1798
Ion Ratio Lower Upper
75 100
155 78.3 76.9 115.3
157 91.4 105.8 158.8#



Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

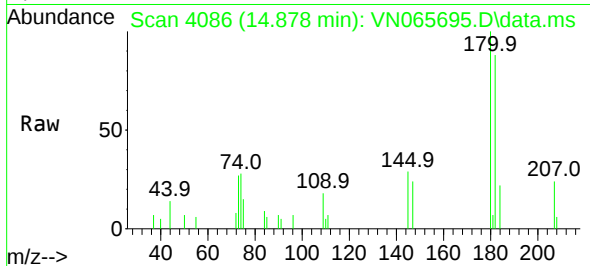
Manual Integrations
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#89
1,2,4-Trichlorobenzene
Concen: 2.64 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

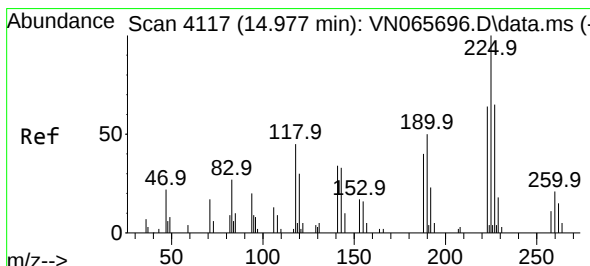
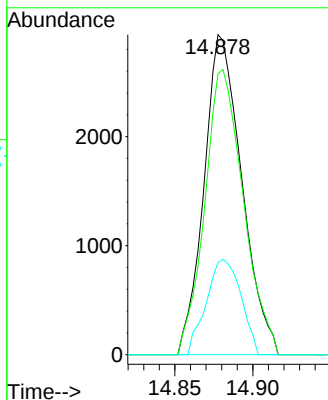
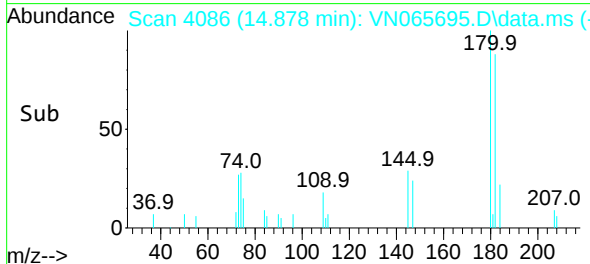
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



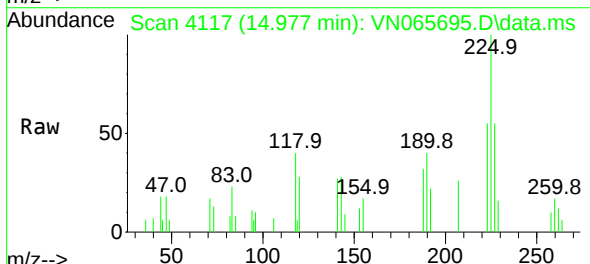
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	78.5	117.7
145	27.3	23.8	35.6

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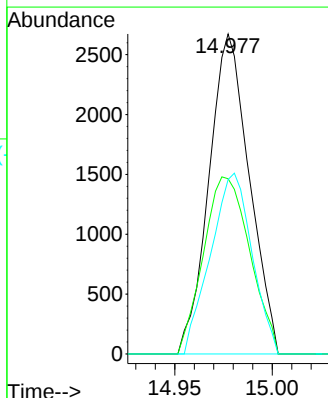
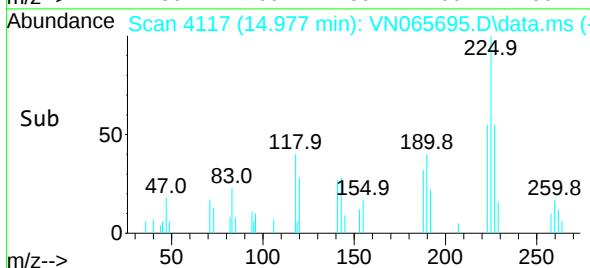
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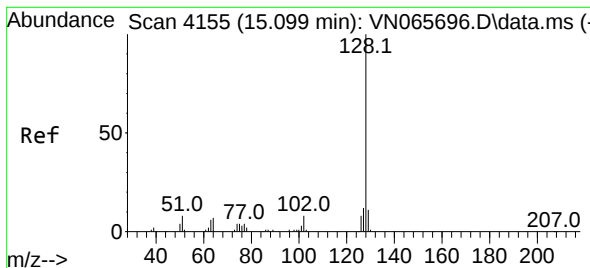


#90
Hexachlorobutadiene
Concen: 3.23 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50



Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	122.0
227	58.0	0.0	126.4





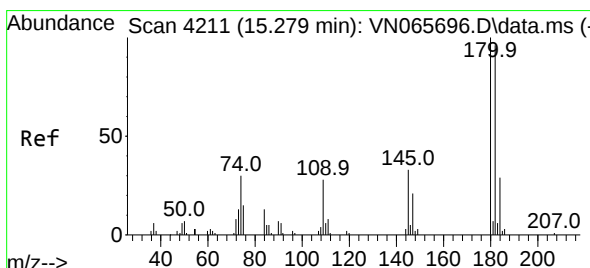
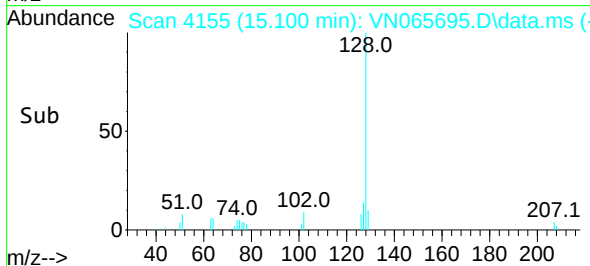
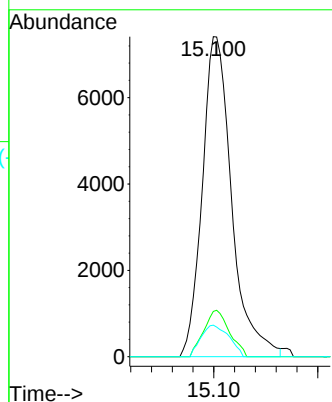
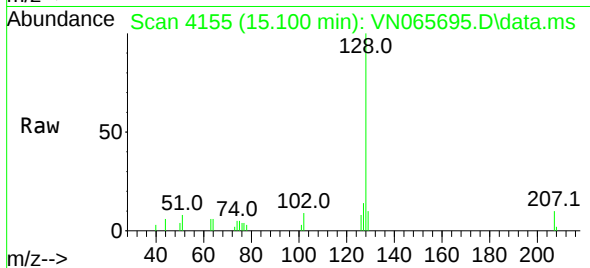
#91
Naphthalene
Concen: 3.00 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.000 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:	128	Resp:	14581
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	9.4	8.6	12.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 2.75 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN065695.D
Acq: 3 Feb 2021 12:50

Tgt Ion:	180	Resp:	5086
Ion Ratio	Lower	Upper	
180	100		
182	97.4	0.0	190.4
145	31.7	0.0	57.8

