

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071319\
 Data File : VN056679.D
 Acq On : 12 Jul 2019 10:36
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 9:57:42 AM

Quant Time: Jul 12 23:51:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	57783	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	312438	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	276721	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	116206	29.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.83%
60) 4-Bromofluorobenzene	12.40	95	126747	29.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.97%
63) Toluene-d8	10.09	98	388903	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	68451	22.784	ug/l 100
3) Chloromethane	2.06	50	90107	21.009	ug/l 100
4) Vinyl Chloride	2.18	62	88465	21.682	ug/l 100
5) Bromomethane	2.55	94	54292	24.520	ug/l 100
6) Chloroethane	2.70	64	49982	22.059	ug/l 100
7) Trichlorofluoromethane	3.01	101	114314	21.874	ug/l 100
8) Diethyl Ether	3.41	74	45150	20.637	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	70986	21.492	ug/l 100
10) 1,1-Dichloroethene	3.73	96	67922	21.103	ug/l 100
11) Methyl Iodide	3.95	142	88179	19.272	ug/l 100
12) Methyl Acetate	4.32	43	83718	19.407	ug/l 100
13) Acrolein	3.60	56	28737	73.061	ug/l 100
14) Acrylonitrile	4.99	53	195327	102.835	ug/l 100
15) Acetone	3.82	58	81683	140.642	ug/l 100
16) Carbon Disulfide	4.05	76	173313	21.852	ug/l 100
17) Allyl chloride	4.32	41	115843	20.524	ug/l 100
18) Methylene Chloride	4.55	84	79954	20.983	ug/l 100
19) trans-1,2-Dichloroethene	5.04	96	73321	20.981	ug/l 100
20) Diisopropyl ether	5.95	45	237756	20.554	ug/l 100
21) 1,1-Dichloroethane	5.85	63	135514	20.726	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	85139	20.746	ug/l 100
23) tert-Butyl Alcohol	4.79	59	68267	95.851	ug/l 100
24) Methyl tert-Butyl Ether	5.05	73	214074	20.212	ug/l 100
25) Chloroform	7.37	83	134105	20.886	ug/l 100
26) Cyclohexane	7.65	56	127931	21.084	ug/l 100
29) 1,1-Dichloropropene	7.79	75	102263	21.543	ug/l 100
30) 2-Butanone	6.83	43	309710	115.908	ug/l 100
31) 2,2-Dichloropropane	6.83	77	97314	21.311	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	107653	21.345	ug/l 100
33) Carbon Tetrachloride	7.77	117	92433	21.467	ug/l 100
34) Benzene	8.04	78	315108	21.320	ug/l 100
35) Methacrylonitrile	7.17	41	39421	17.912	ug/l 100
36) 1,2-Dichloroethane	8.12	62	101276	21.128	ug/l 100
37) Trichloroethene	8.83	130	85152	21.868	ug/l 100
38) Methylcyclohexane	9.08	83	129048	21.644	ug/l 100
39) 1,2-Dichloropropane	9.12	63	84293	21.245	ug/l 100
40) Dibromomethane	9.21	93	53120	21.547	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	97423	21.250	ug/l	100
42) Vinyl Acetate	5.89	43	982980	105.493	ug/l	100
43) Ethyl Acetate	6.93	43	106903	21.165	ug/l	100
44) Isopropyl Acetate	8.16	43	160421	20.423	ug/l	100
45) 1,4-Dioxane	9.20	88	34626	443.813	ug/l	100
46) Methyl methacrylate	9.20	41	78299	20.255	ug/l	100
47) n-amyl Acetate	12.07	43	127664	19.617	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	102739	20.866	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	118429	20.922	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	76867	21.244	ug/l	100
51) Ethyl methacrylate	10.43	69	115751	20.451	ug/l	100
52) 1,3-Dichloropropane	10.71	76	132261	21.422	ug/l	100
53) Dibromochloromethane	10.90	129	75364	21.100	ug/l	100
54) 1,2-Dibromoethane	11.00	107	79108	20.949	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	283219	99.075	ug/l	100
56) Bromoform	12.12	173	54199	20.725	ug/l	100
58) 4-Methyl-2-Pentanone	9.98	43	526942	104.306	ug/l	100
59) 2-Hexanone	10.75	43	413555	108.831	ug/l	100
61) Tetrachloroethene	10.63	164	82932	22.953	ug/l	100
62) Toluene	10.16	91	333412	21.179	ug/l	100
64) Chlorobenzene	11.43	112	199644	21.023	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	73402	21.302	ug/l	100
66) Ethyl Benzene	11.51	91	358079	20.955	ug/l	100
67) m/p-Xylenes	11.62	106	272044	42.882	ug/l	100
68) o-Xylene	11.95	106	129712	20.839	ug/l	100
69) Styrene	11.96	104	214031	20.683	ug/l	100
70) Isopropylbenzene	12.25	105	347289	21.302	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	111151	20.735	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	95912m	21.327	ug/l	100
73) Bromobenzene	12.52	156	89051	21.155	ug/l	100
74) n-propylbenzene	12.59	91	393389	21.164	ug/l	100
75) 2-Chlorotoluene	12.67	91	236266	21.318	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	300593	21.642	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	28708	19.628	ug/l	100
78) 4-Chlorotoluene	12.77	91	225426	20.959	ug/l	100
79) tert-butylbenzene	12.99	119	251115	21.233	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	295043	21.500	ug/l	100
81) sec-Butylbenzene	13.17	105	333973	21.268	ug/l	100
82) p-Isopropyltoluene	13.29	119	305347	21.528	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	146493	20.883	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	139262	20.626	ug/l	100
85) n-Butylbenzene	13.61	91	243786	20.538	ug/l	100
86) Hexachloroethane	13.87	117	45680	21.175	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	147357	20.847	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	18002	18.850	ug/l	100
89) 1,2,4-Trichlorobenzene	14.90	180	71113	18.248	ug/l	100
90) Hexachlorobutadiene	15.01	225	53505	21.743	ug/l	100
91) Naphthalene	15.13	128	178026	16.592	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	75925	18.610	ug/l	100

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QLast Update : Fri Jul 12 23:38:18 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

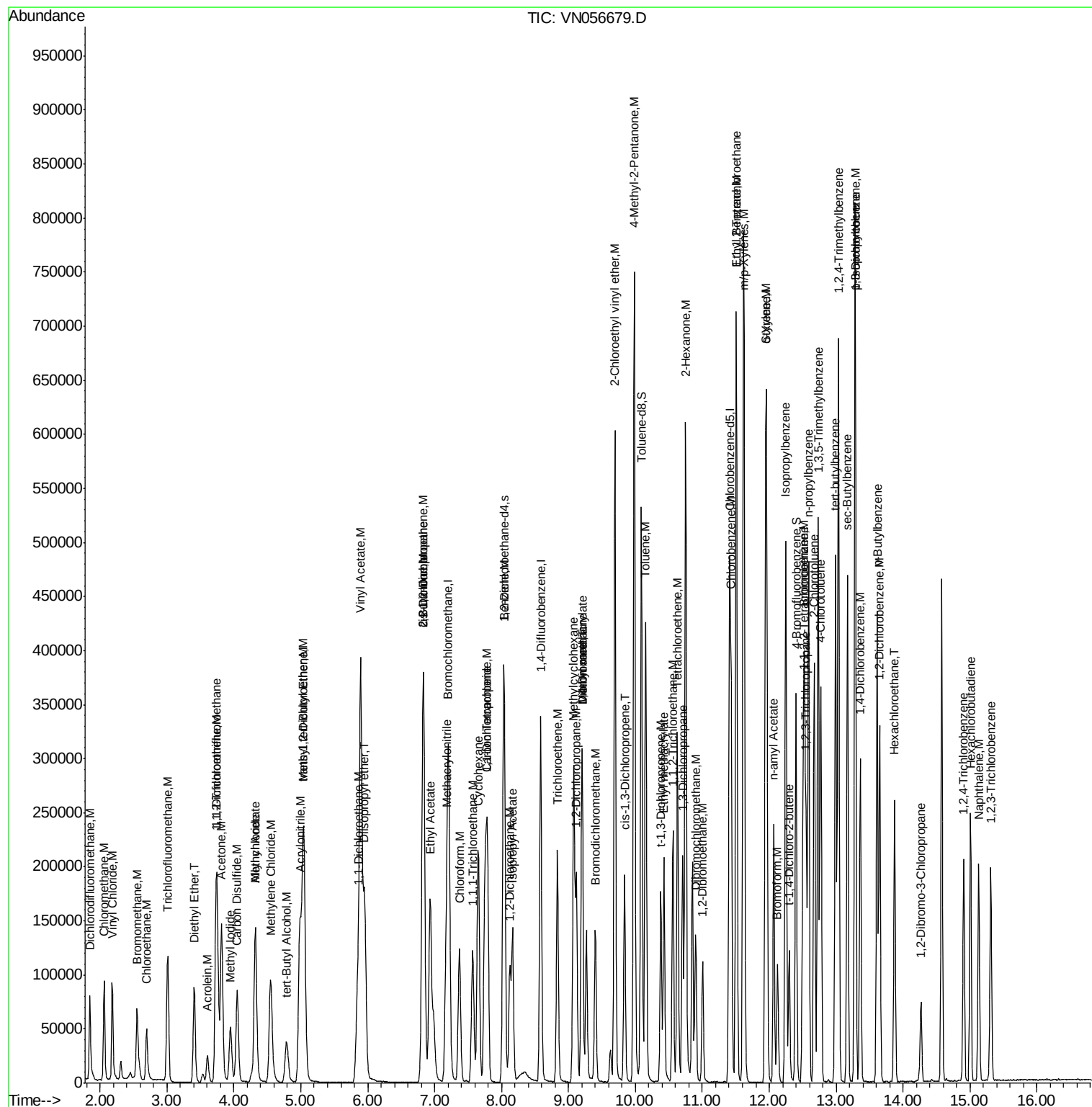
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071319\
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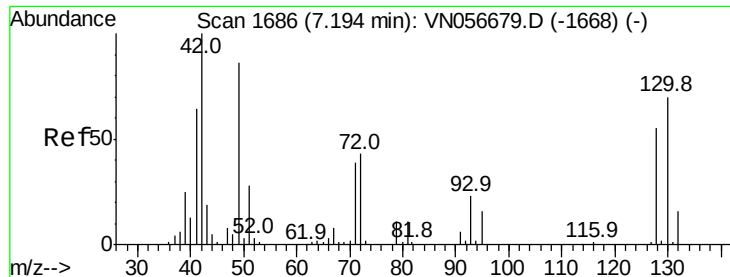
Instrument :
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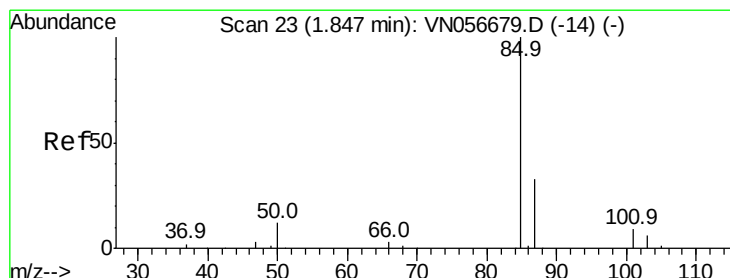
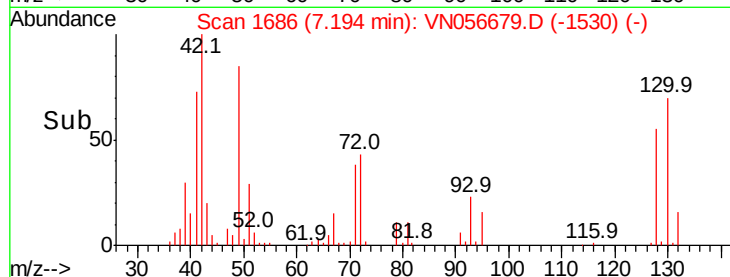
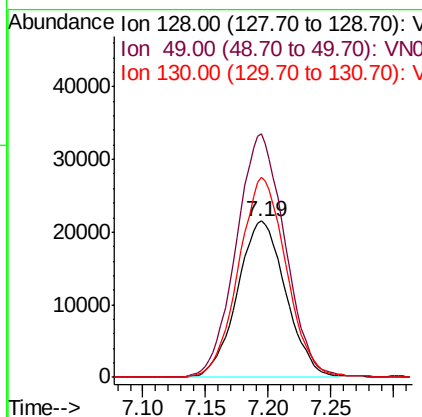
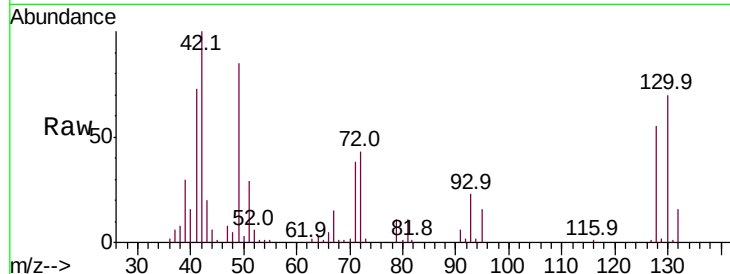
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	156.2	0.0	390.5
130	126.6	0.0	316.5

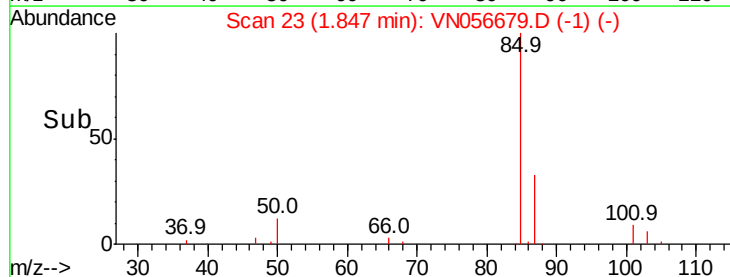
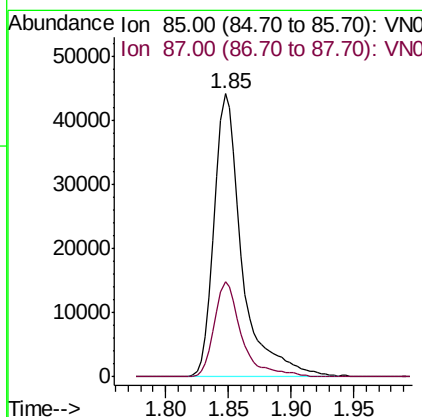
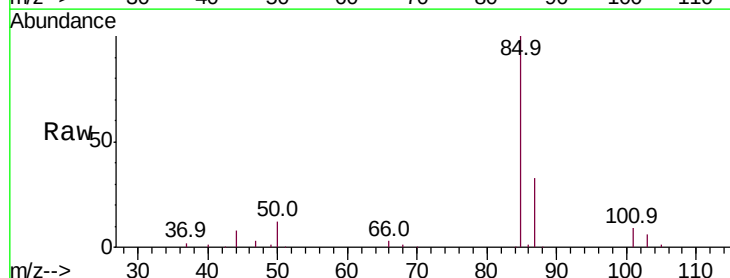
Manual Integrations
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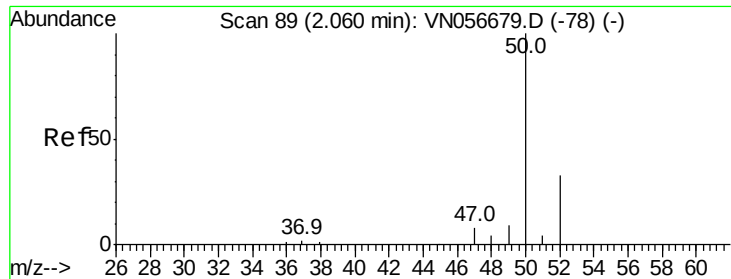
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#2
Dichlorodifluoromethane
Concen: 22.784 ug/l
RT: 1.85 min Scan# 23
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.8	50.3





#3

Chloromethane

Concen: 21.009 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 90107

Ion Ratio Lower Upper

50 100

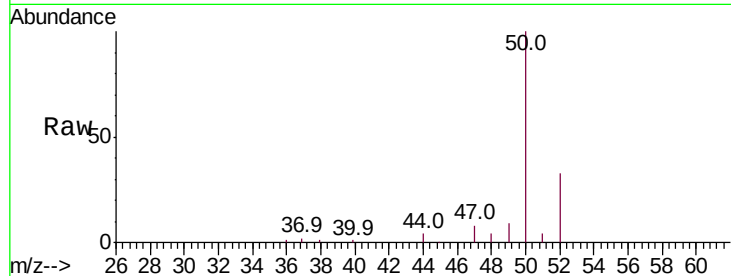
52 33.1 26.5 39.7

Manual Integrations

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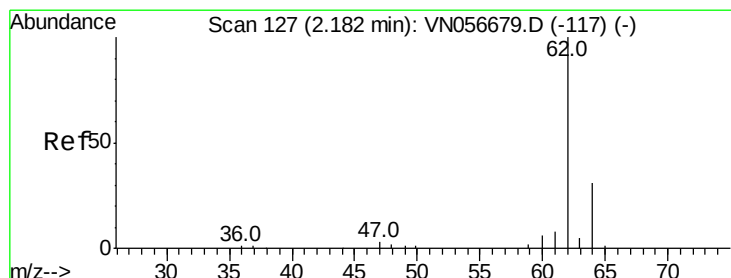
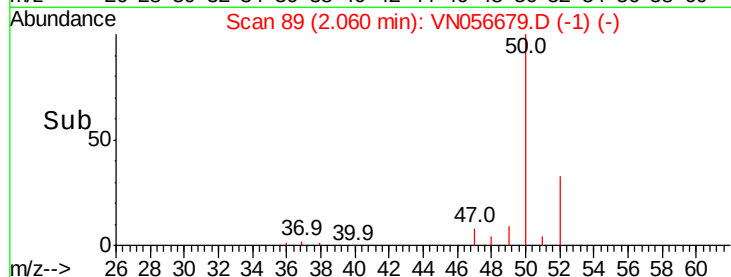
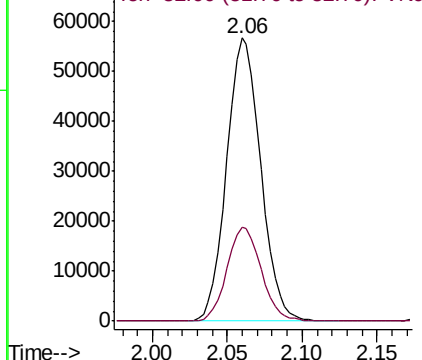
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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 21.682 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056679.D

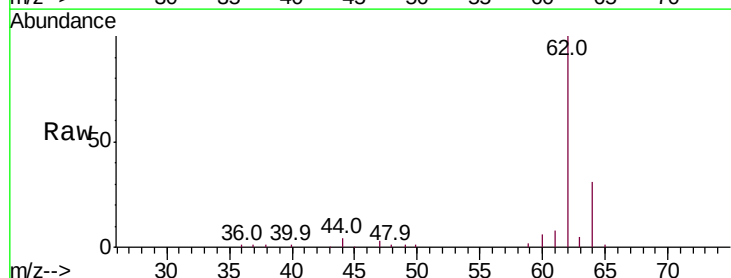
Acq: 12 Jul 2019 10:36

Tgt Ion: 62 Resp: 88465

Ion Ratio Lower Upper

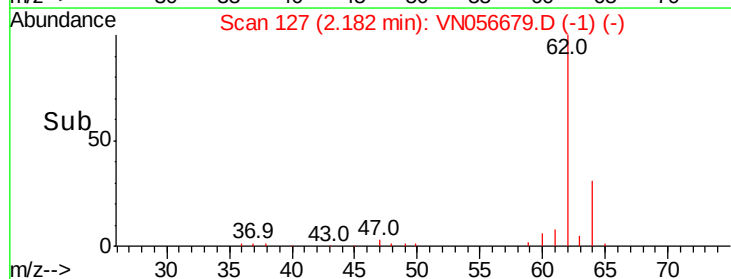
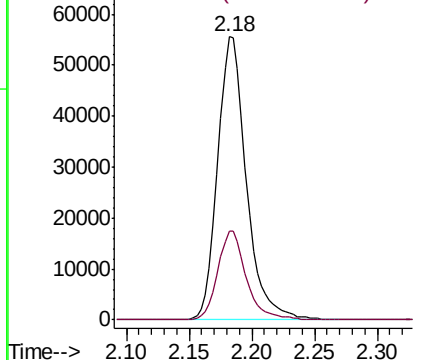
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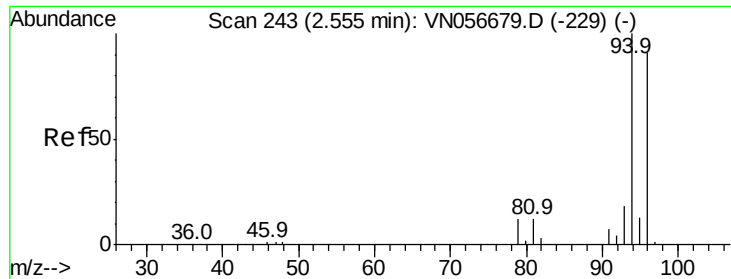
64 31.2 25.0 37.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 24.520 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 54292

Ion Ratio Lower Upper

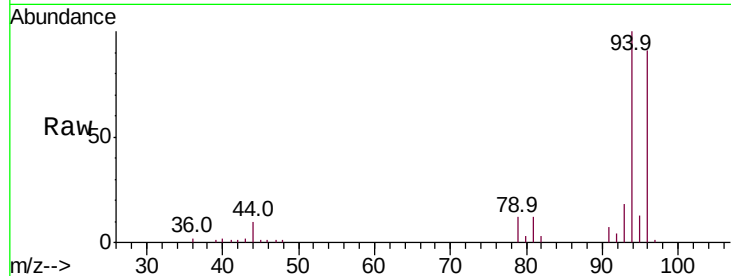
94 100

96 91.0 72.8 109.2

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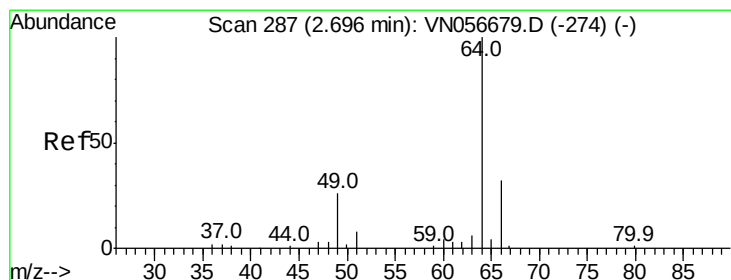
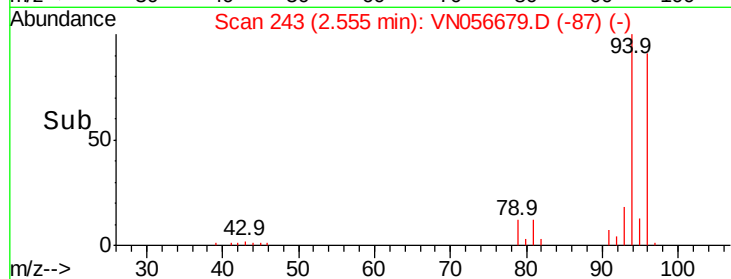
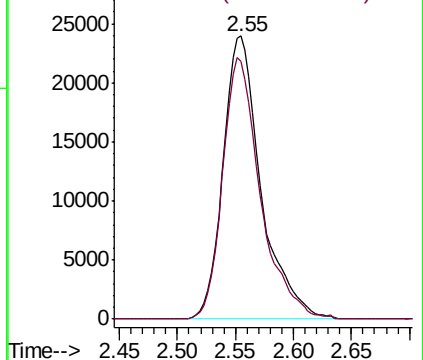
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 22.059 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN056679.D

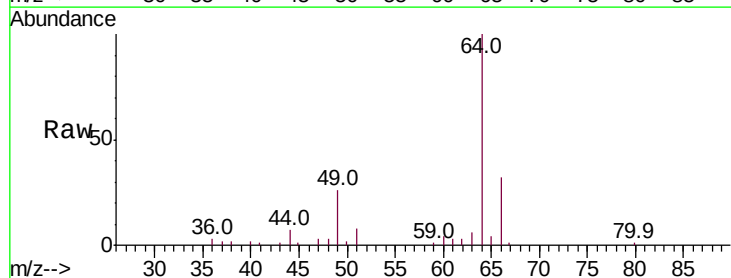
Acq: 12 Jul 2019 10:36

Tgt Ion: 64 Resp: 49982

Ion Ratio Lower Upper

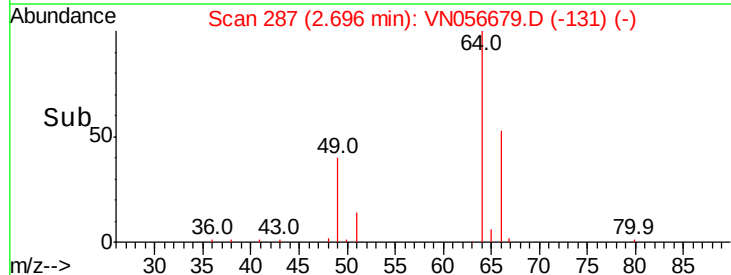
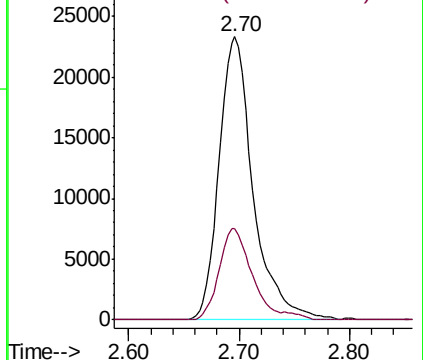
64 100

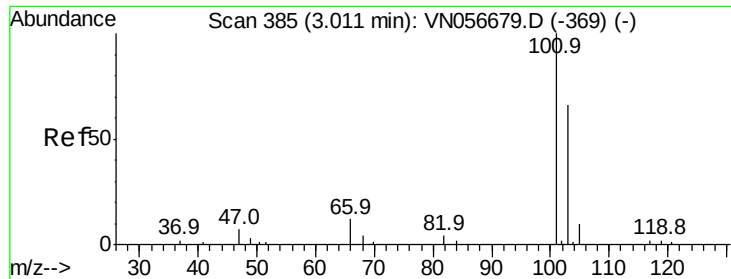
66 32.1 25.7 38.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

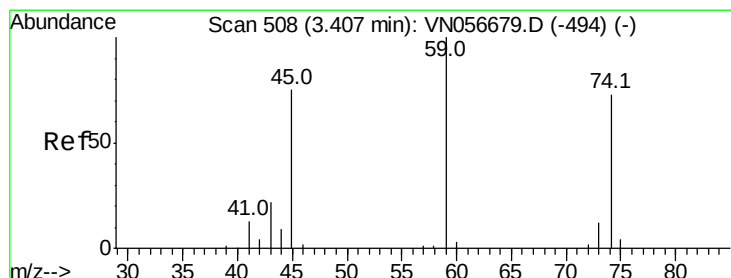
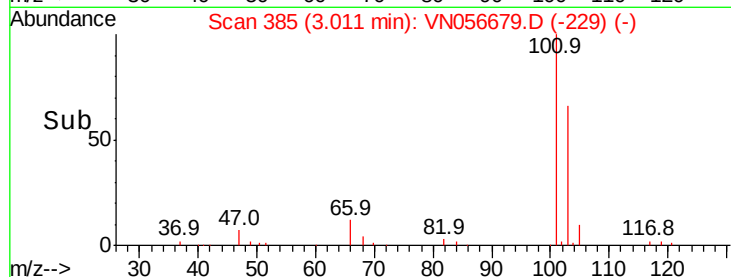
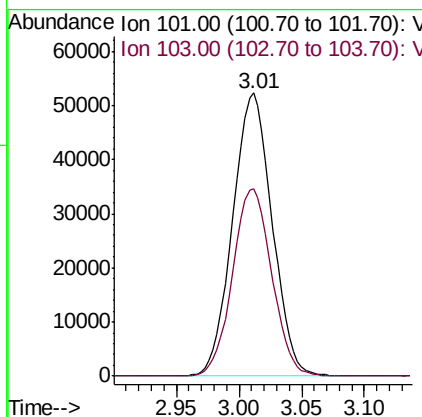
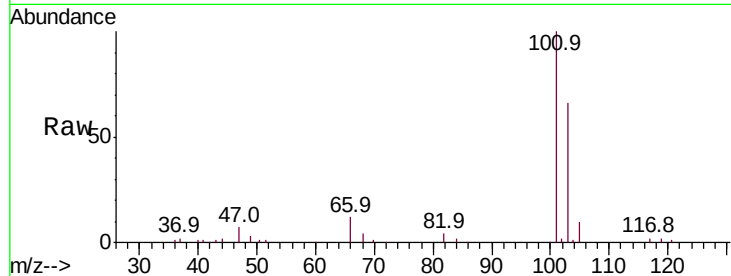
Trichlorofluoromethane
 Concen: 21.874 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	66.0	52.8	79.2	

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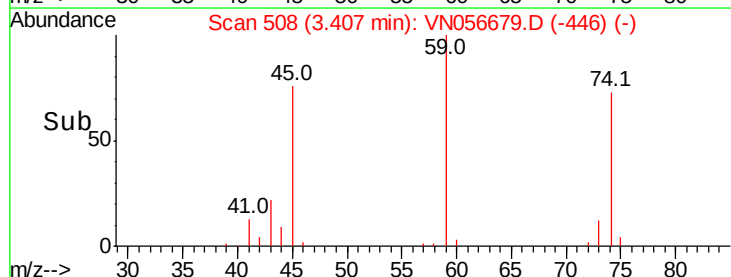
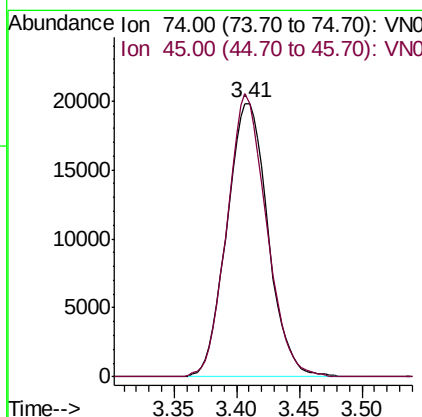
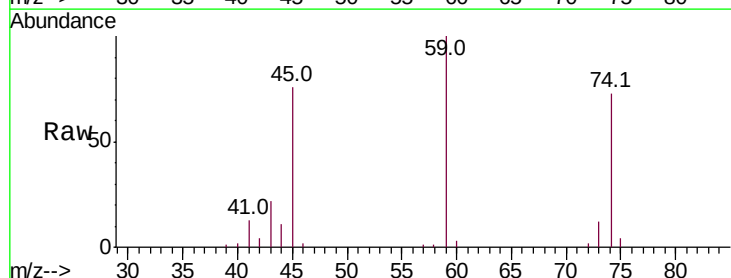
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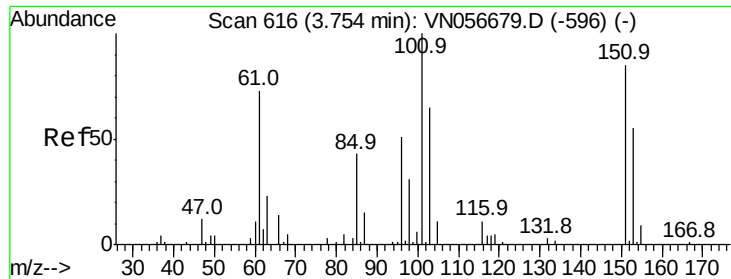


#8

Diethyl Ether
 Concen: 20.637 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056679.D
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Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	99.7	19.9	179.5	





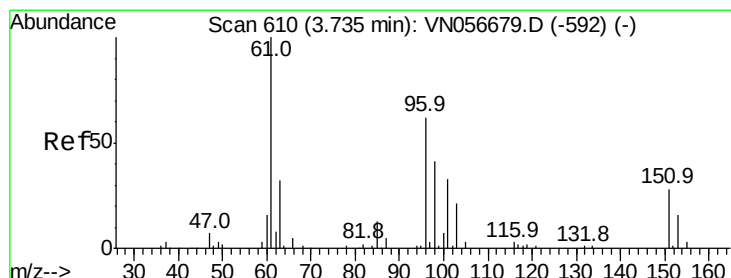
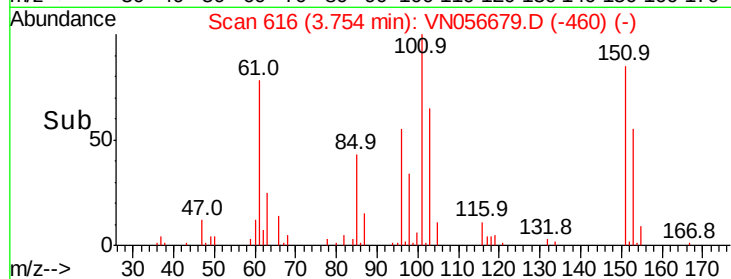
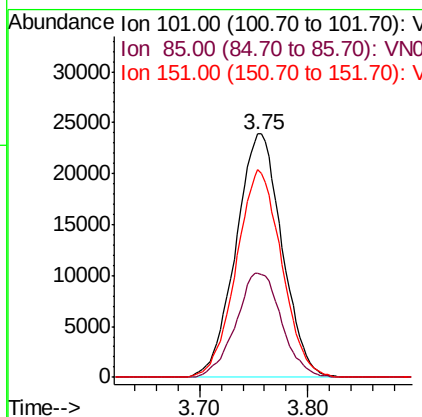
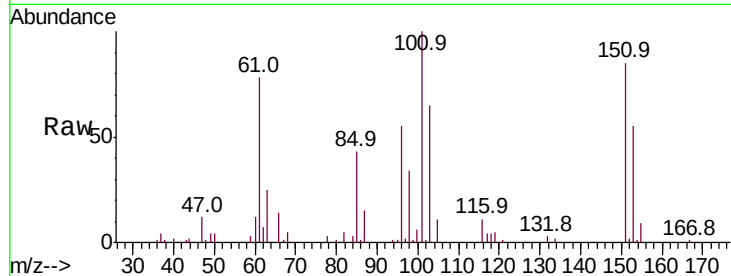
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.492 ug/l
 RT: 3.75 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.1	0.0	84.2
151	83.8	0.0	167.6

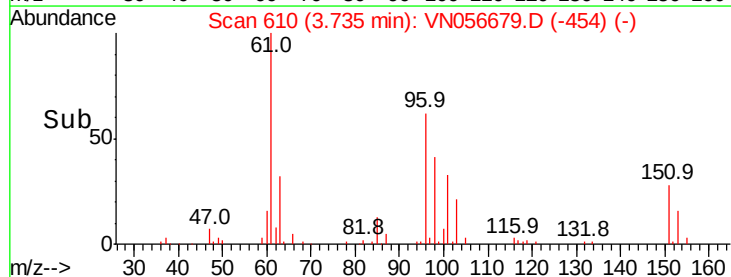
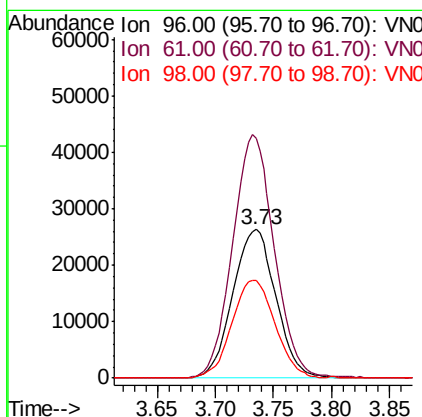
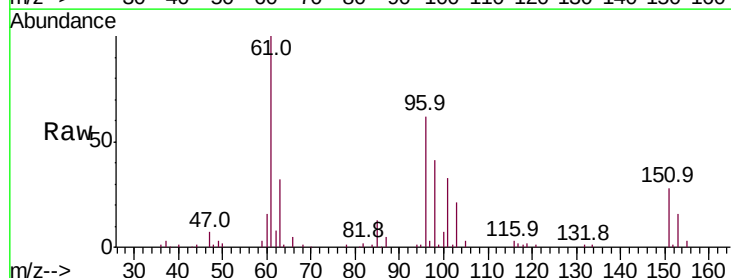
Manual Integrations
 APPROVED

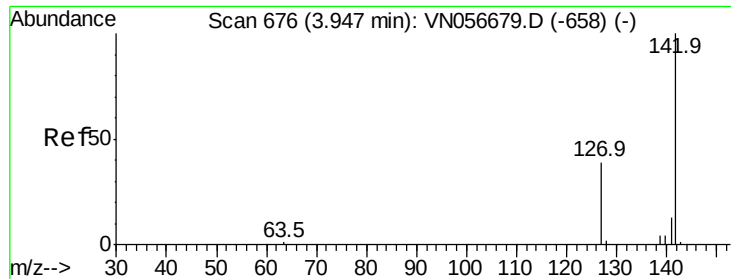
MMDadoda
 7/16/2019 9:57:42 AM



#10
 1,1-Dichloroethene
 Concen: 21.103 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	129.0	193.4
98	65.6	52.5	78.7





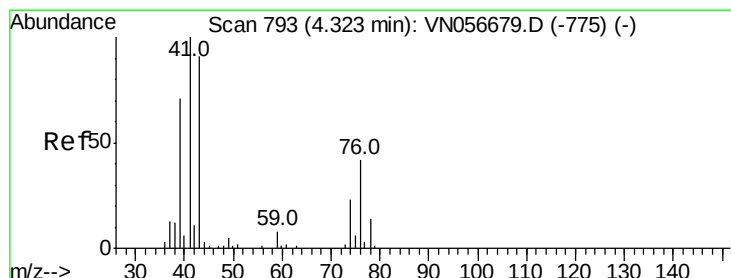
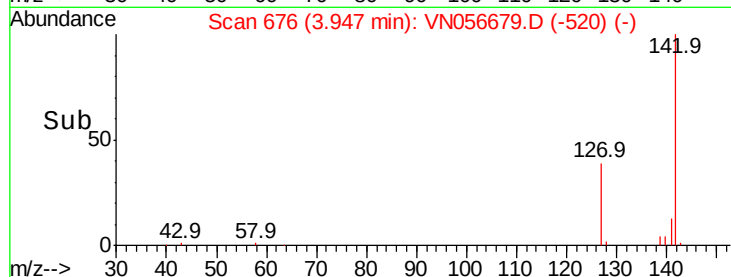
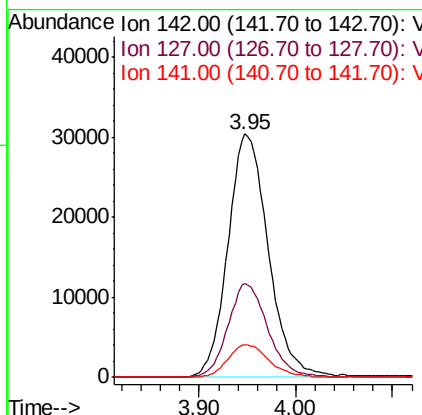
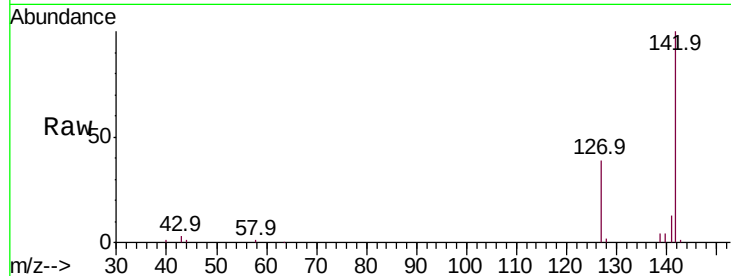
#11
Methyl Iodide
Concen: 19.272 ug/l
RT: 3.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.0	19.5	58.5
141	13.5	6.8	20.3

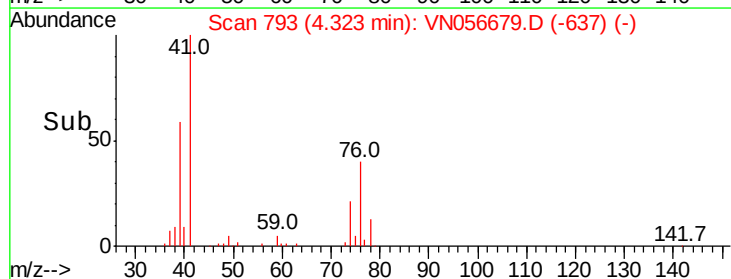
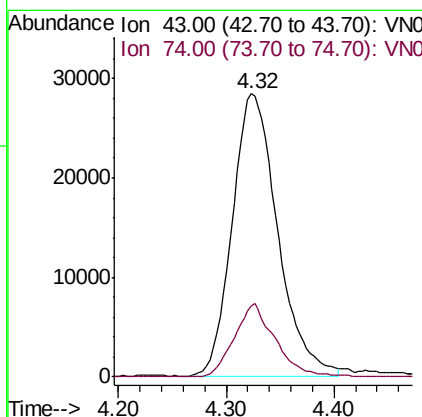
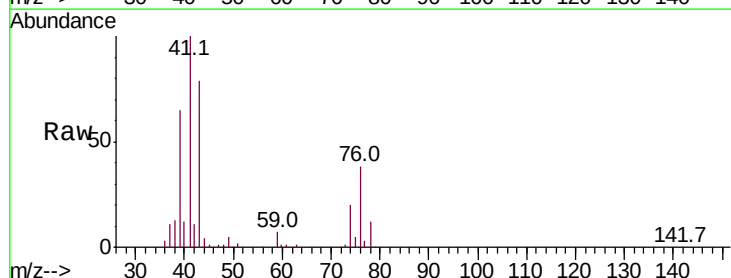
Manual Integrations
APPROVED

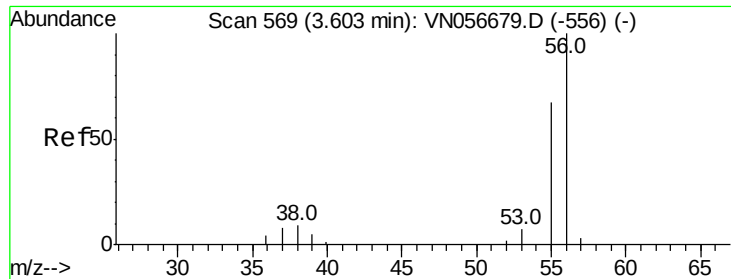
MMDadoda
7/16/2019 9:57:42 AM



#12
Methyl Acetate
Concen: 19.407 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	20.2	30.4





#13

Acrolein

Concen: 73.061 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion: 56 Resp: 28737

Ion Ratio Lower Upper

56 100

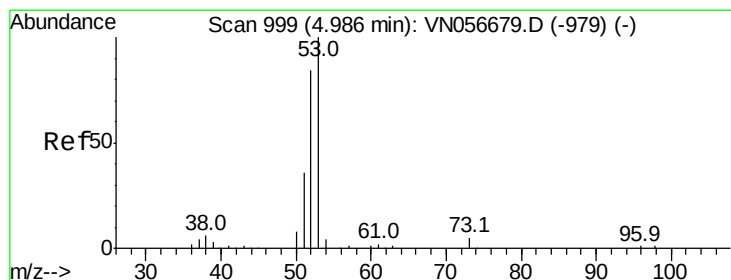
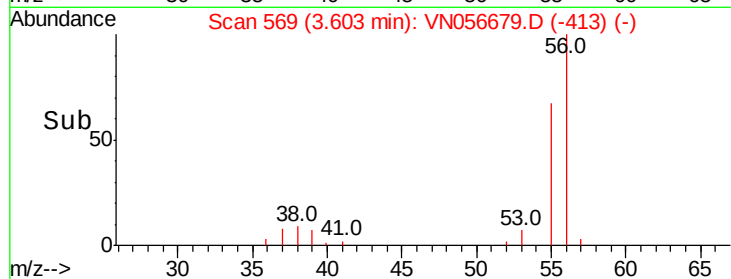
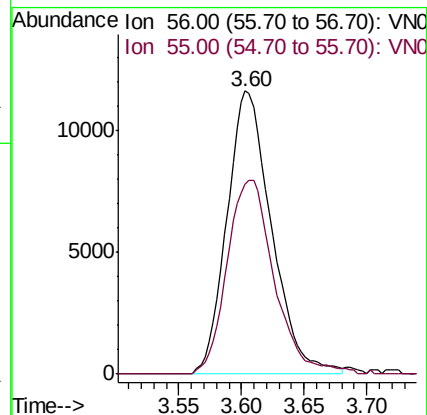
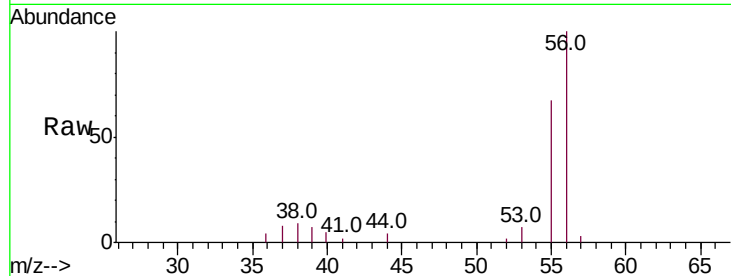
55 71.1 56.9 85.3

Manual Integrations

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#14

Acrylonitrile

Concen: 102.835 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

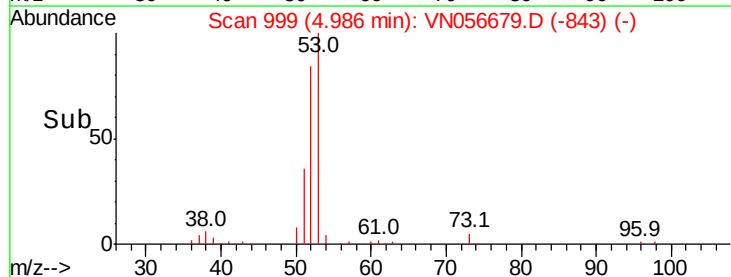
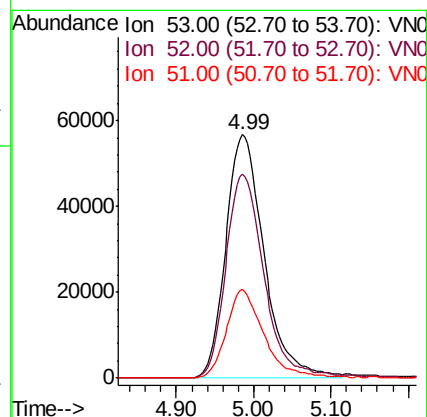
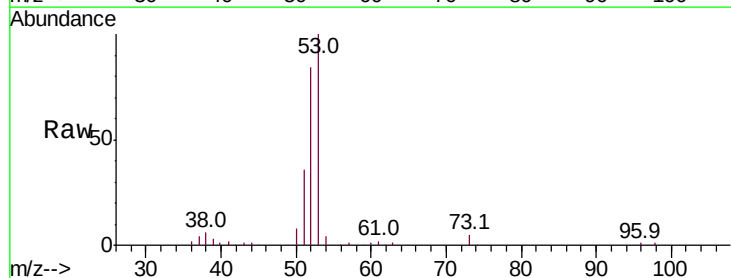
Tgt Ion: 53 Resp: 195327

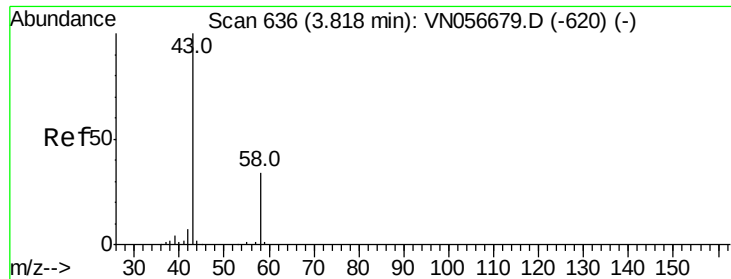
Ion Ratio Lower Upper

53 100

52 82.5 41.3 123.7

51 35.4 17.7 53.1





#15

Acetone

Concen: 140.642 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 58 Resp: 81683

Ion Ratio Lower Upper

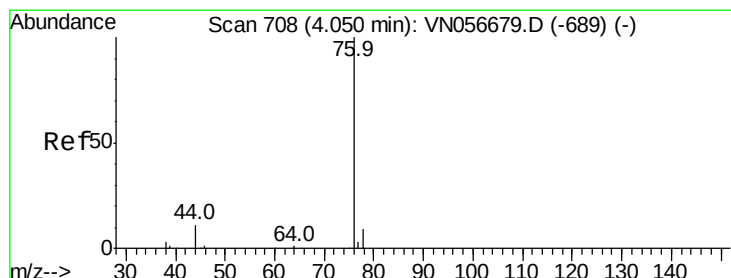
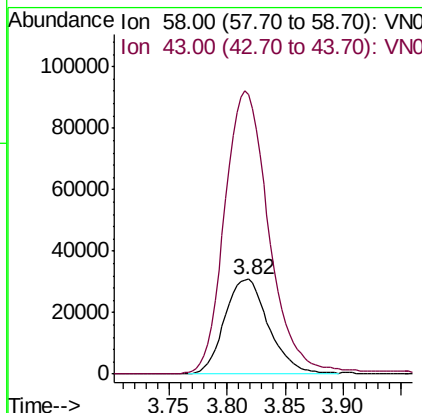
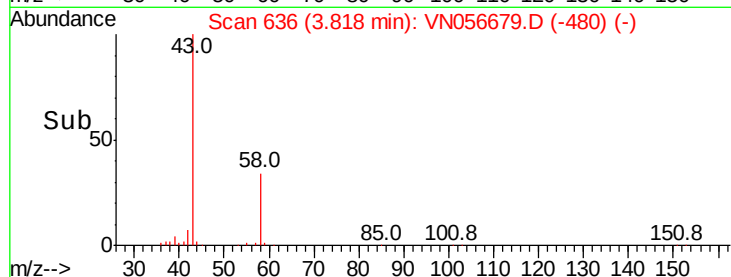
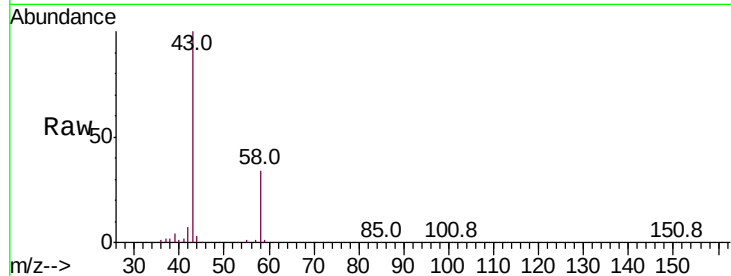
58 100

43 292.4 233.9 350.9

Manual Integrations
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#16

Carbon Disulfide

Concen: 21.852 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056679.D

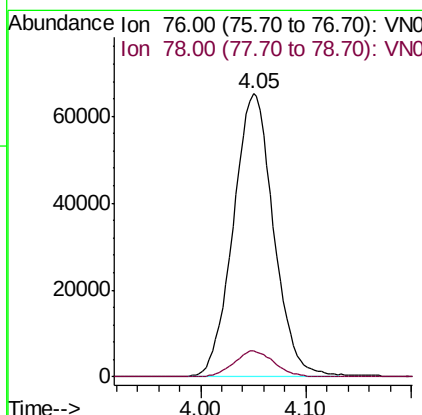
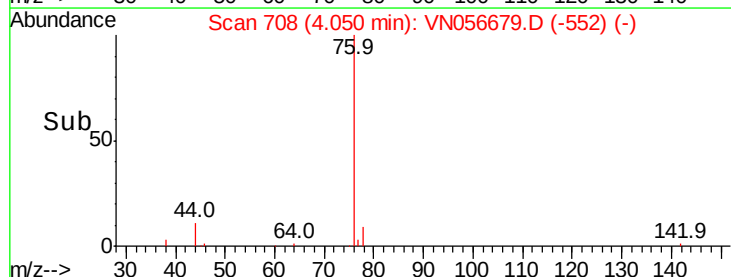
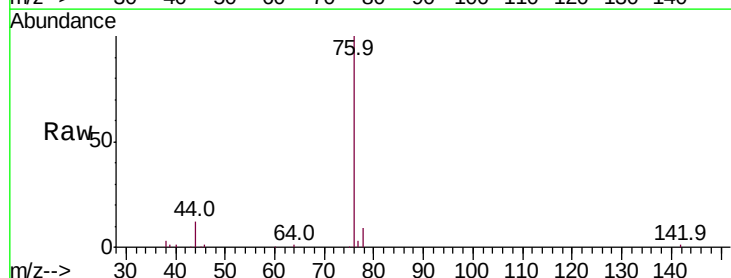
Acq: 12 Jul 2019 10:36

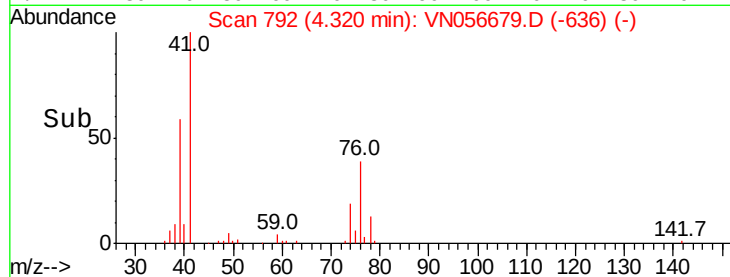
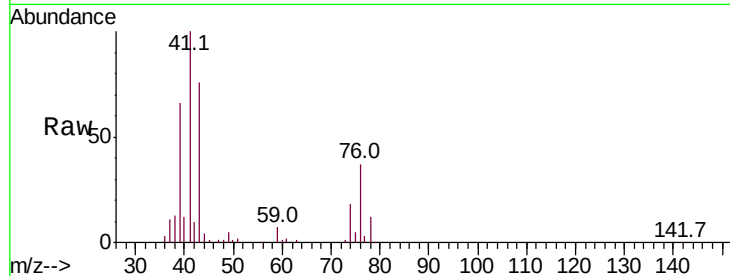
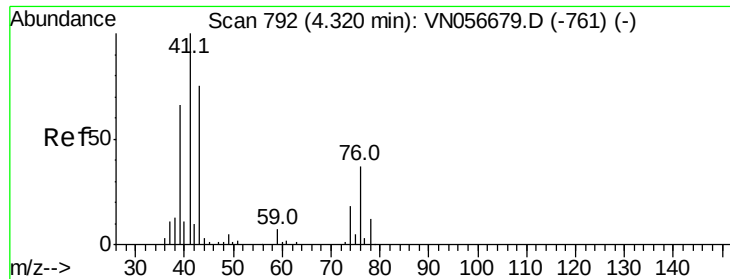
Tgt Ion: 76 Resp: 173313

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





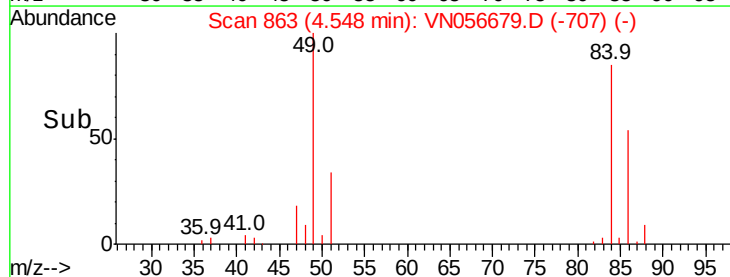
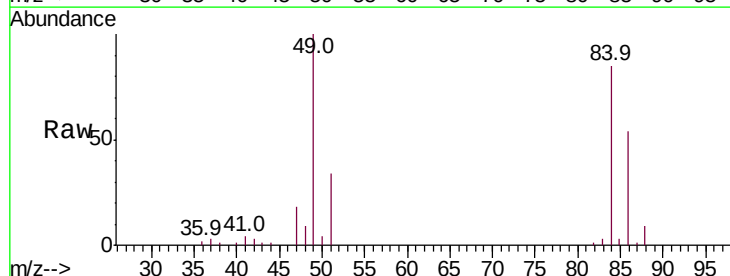
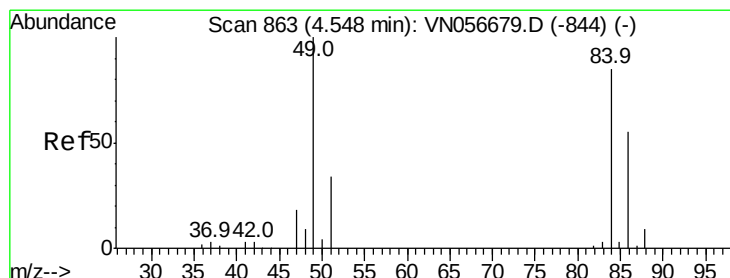
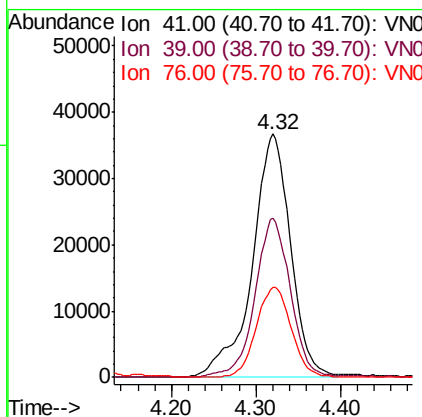
#17
Allvl chloride
Concen: 20.524 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.6	32.8	98.4
76	37.0	18.5	55.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

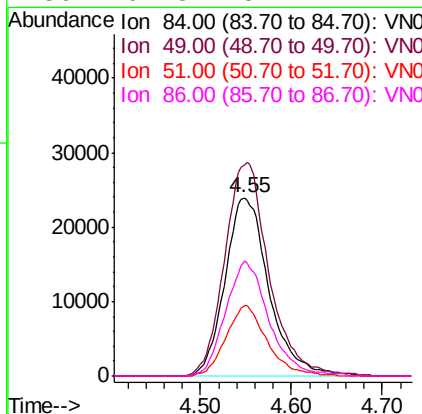
Manual Integrations
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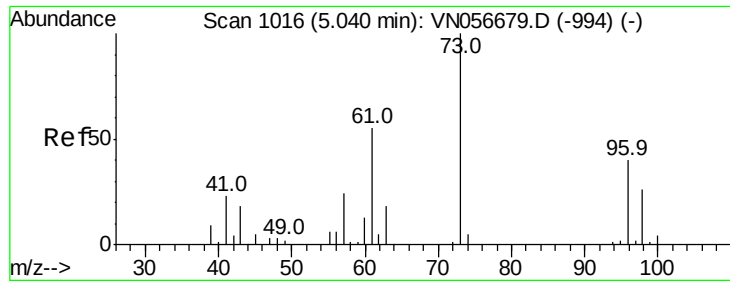
MMDadoda
7/16/2019 9:57:42 AM



#18
Methylene Chloride
Concen: 20.983 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.4	93.9	140.9
51	39.6	31.7	47.5
86	64.3	51.4	77.2





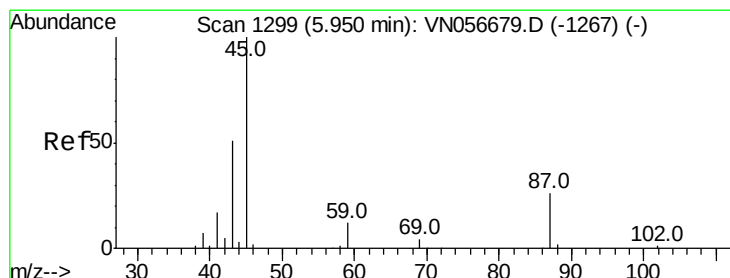
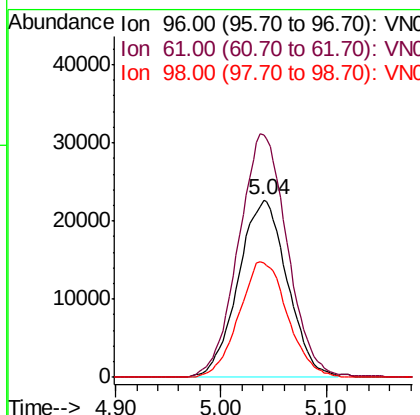
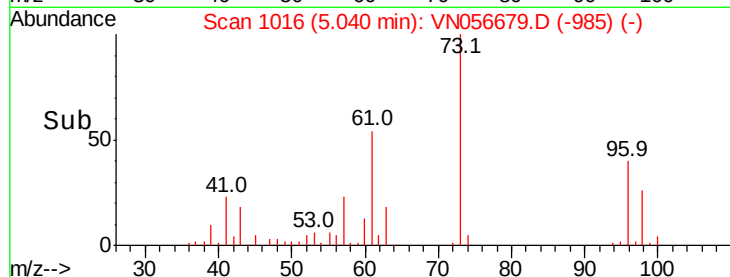
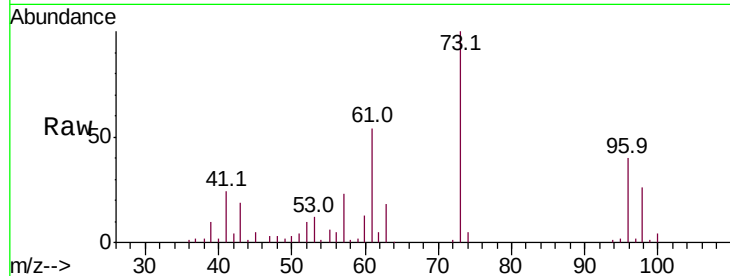
#19
trans-1,2-Dichloroethene
Concen: 20.981 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion: 96 Resp: 73321
Ion Ratio Lower Upper
96 100
61 137.0 109.6 164.4
98 64.3 51.4 77.2

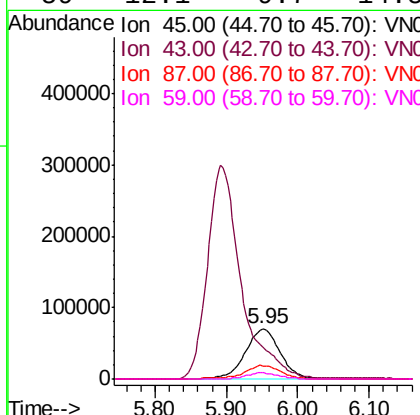
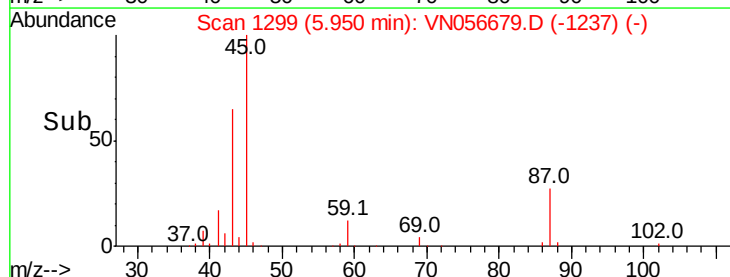
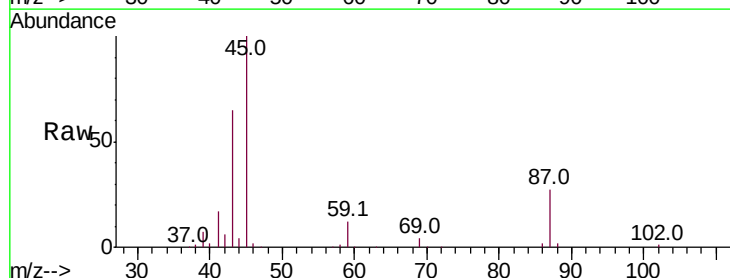
Manual Integrations
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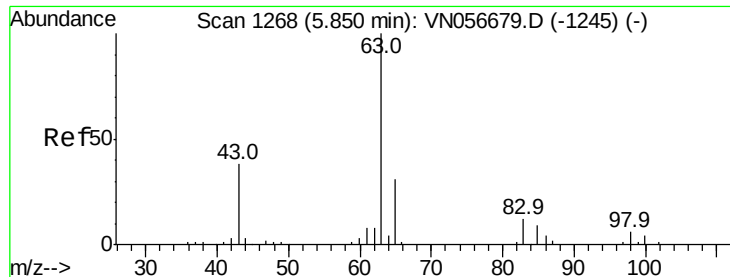
MMDadoda
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#20
Diisopropyl ether
Concen: 20.554 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion: 45 Resp: 237756
Ion Ratio Lower Upper
45 100
43 62.9 50.3 75.5
87 26.7 21.4 32.0
59 12.1 9.7 14.5





#21

1,1-Dichloroethane

Concen: 20.726 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

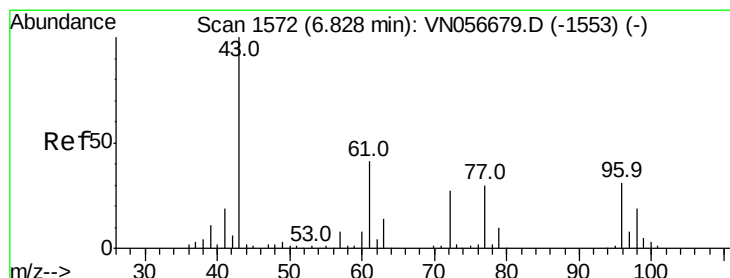
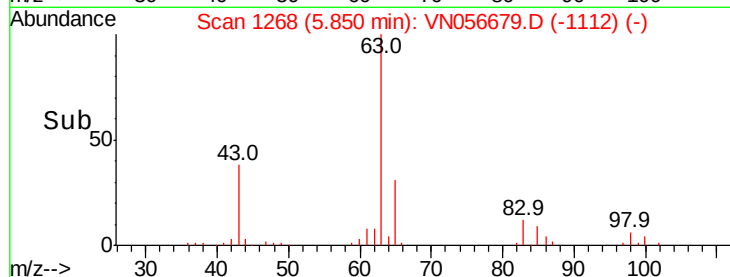
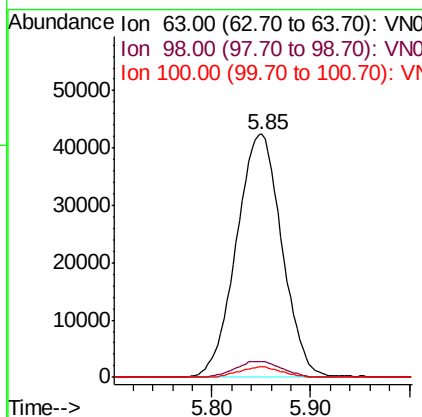
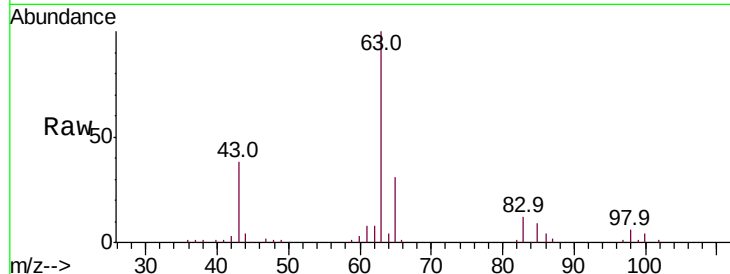
ClientSampleId :

VSTDICCC020

Tot Ion:	63	Resp:	135514
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.8
100	4.2	2.1	6.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.746 ug/l

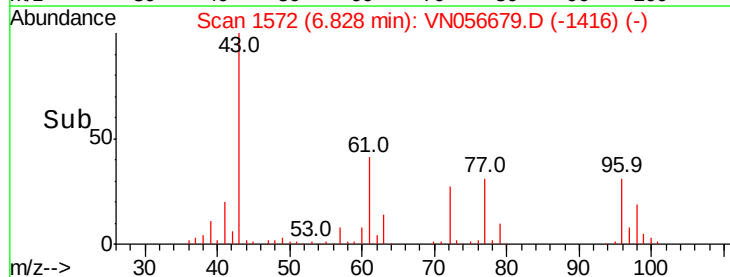
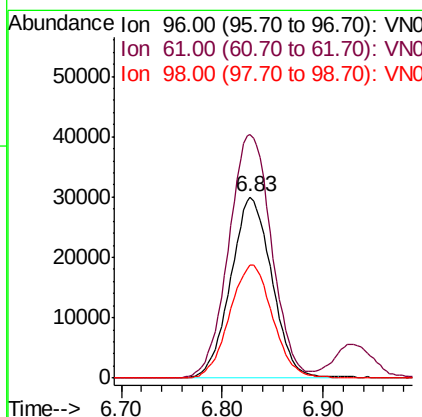
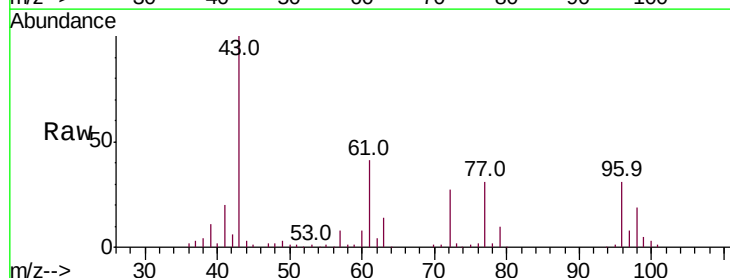
RT: 6.83 min Scan# 1572

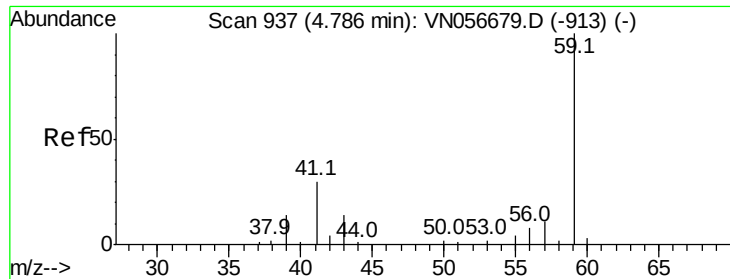
Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Tgt Ion:	96	Resp:	85139
Ion	Ratio	Lower	Upper
96	100		
61	140.1	112.1	168.1
98	65.2	52.2	78.2





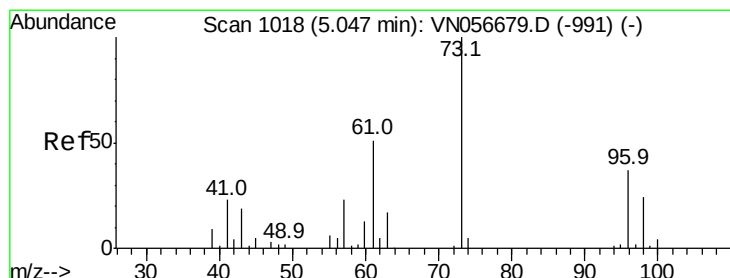
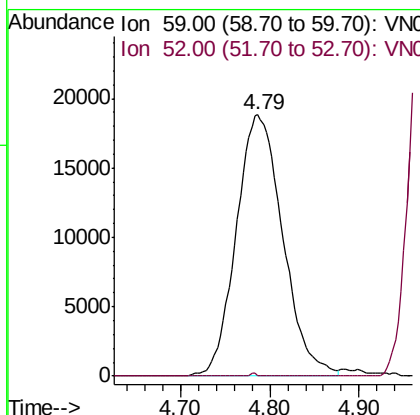
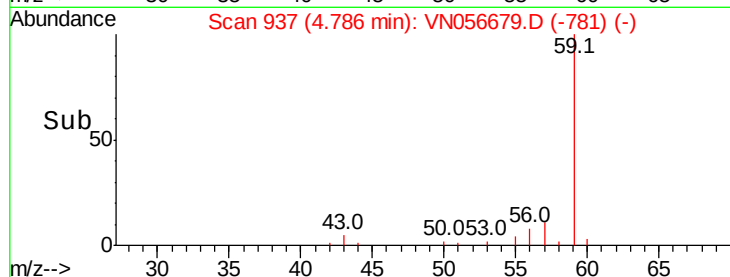
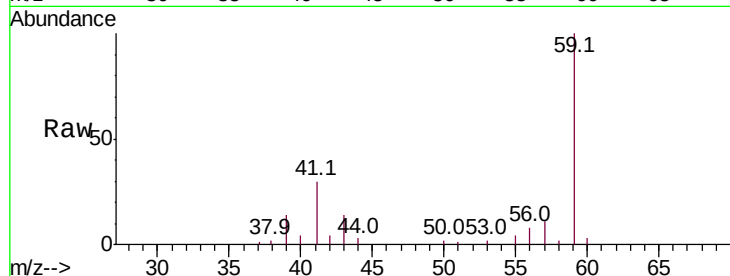
#23
tert-Butyl Alcohol
Concen: 95.851 ug/l
RT: 4.79 min Scan# 937
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 59 Resp: 68267
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

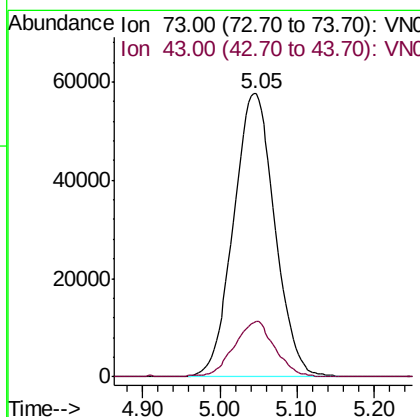
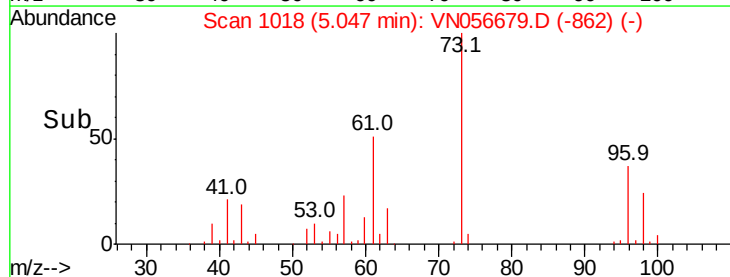
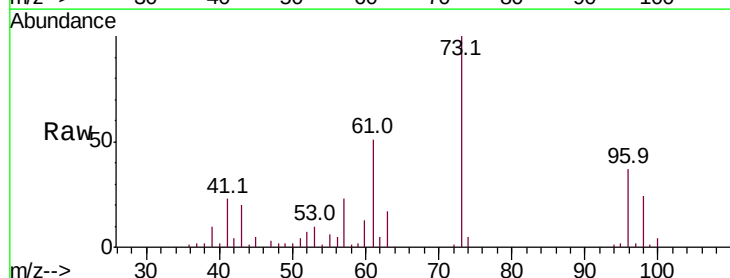
Manual Integrations
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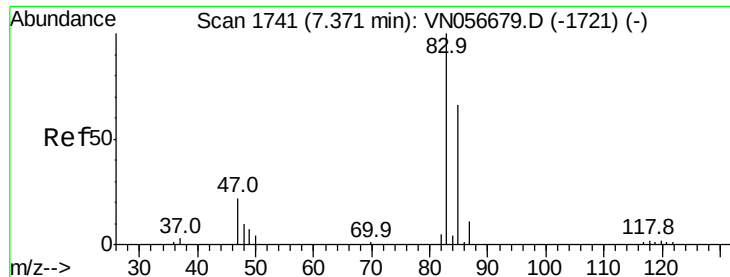
MMDadoda
7/16/2019 9:57:42 AM



#24
Methyl tert-Butyl Ether
Concen: 20.212 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion: 73 Resp: 214074
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7





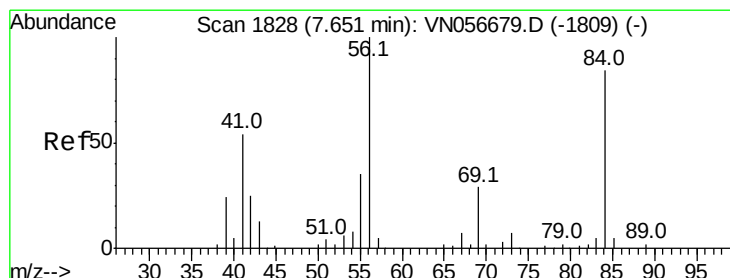
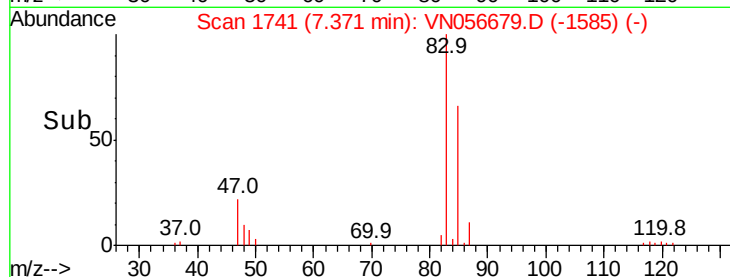
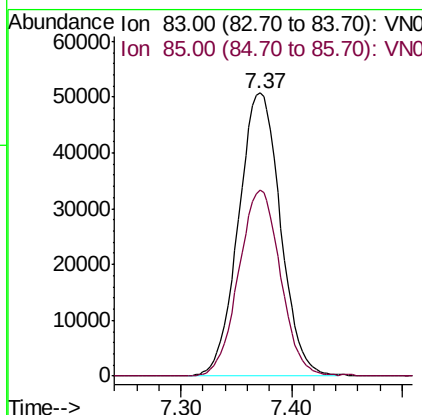
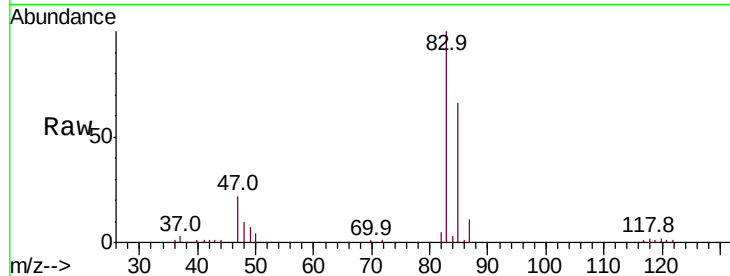
#25
Chloroform
Concen: 20.886 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 83 Resp: 134105
Ion Ratio Lower Upper
83 100
85 65.8 52.6 79.0

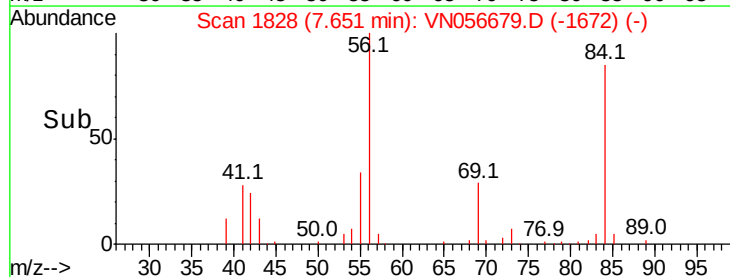
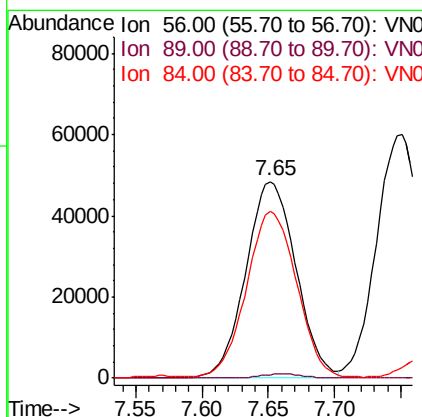
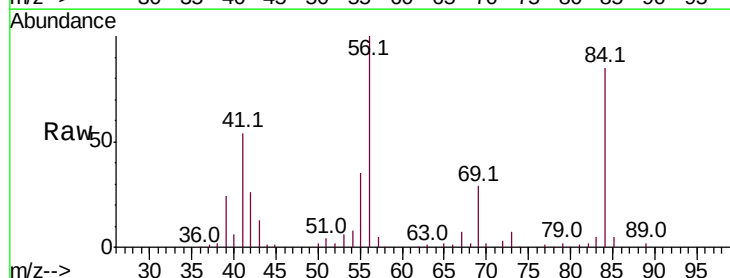
Manual Integrations
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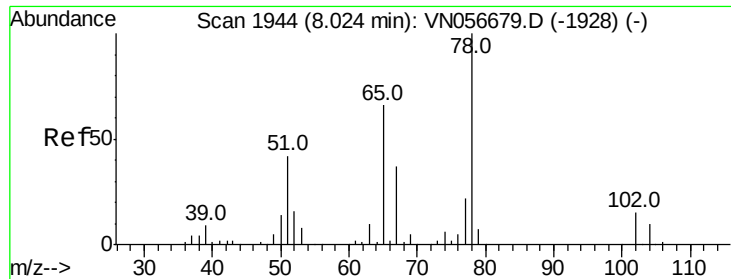
MMDadoda
7/16/2019 9:57:42 AM



#26
Cyclohexane
Concen: 21.084 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion: 56 Resp: 127931
Ion Ratio Lower Upper
56 100
89 1.8 1.4 2.2
84 85.3 68.2 102.4





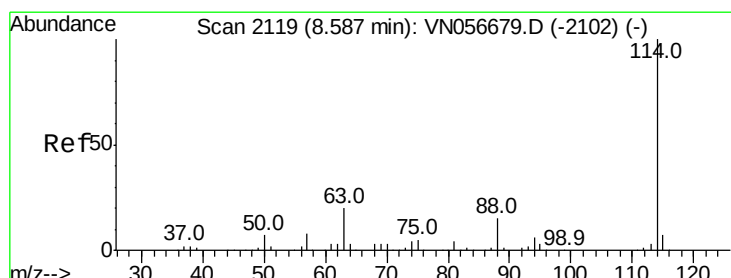
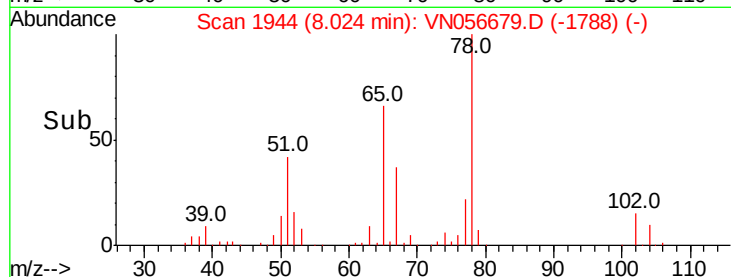
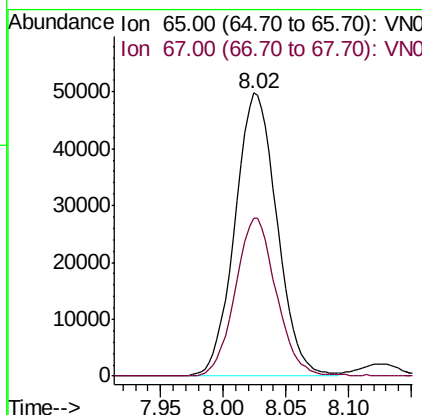
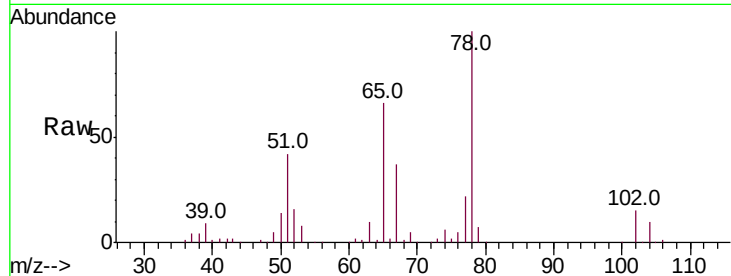
#27
 1,2-Dichloroethane-d4
 Concen: 29.349 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 65 Resp: 116206
 Ion Ratio Lower Upper
 65 100
 67 54.2 43.4 65.0

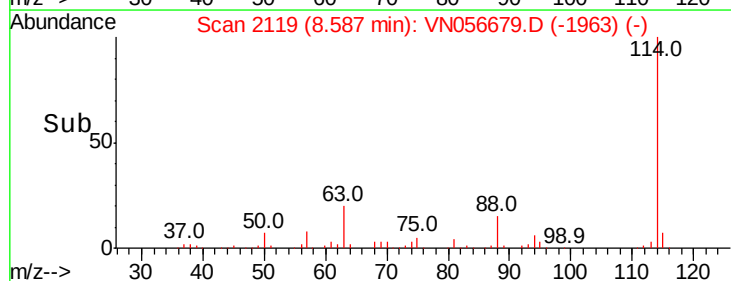
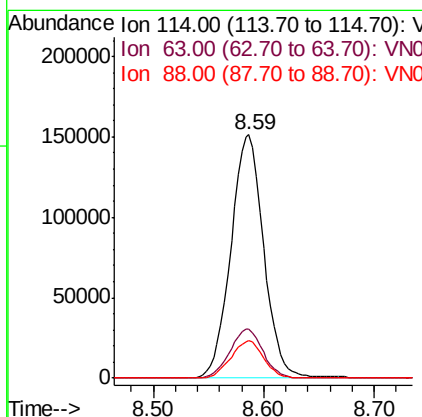
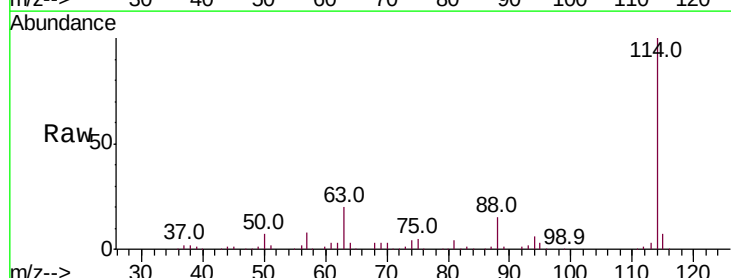
Manual Integrations
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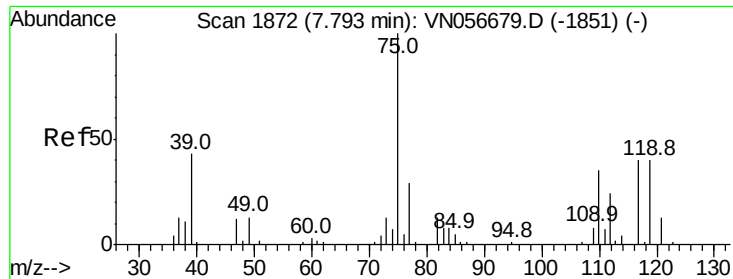
MMDadoda
 7/16/2019 9:57:42 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion: 114 Resp: 312438
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.2 24.2
 88 15.4 12.3 18.5





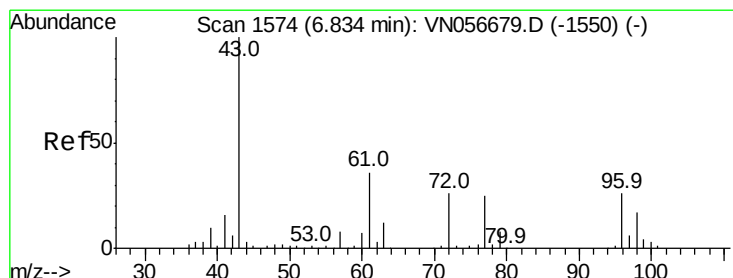
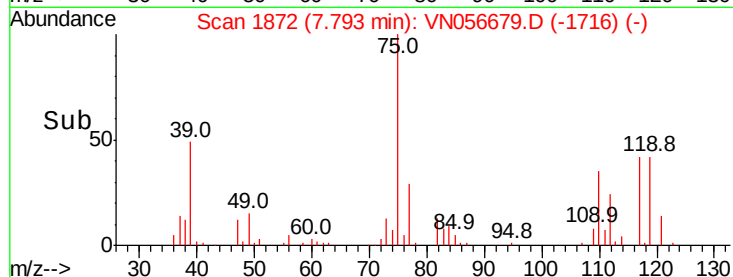
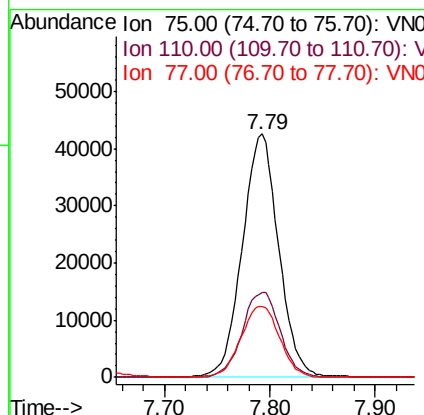
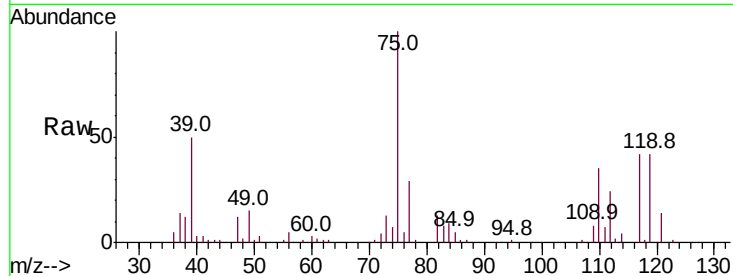
#29
 1,1-Dichloropropene
 Concen: 21.543 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.2	0.0	72.4	
77	31.1	0.0	62.2	

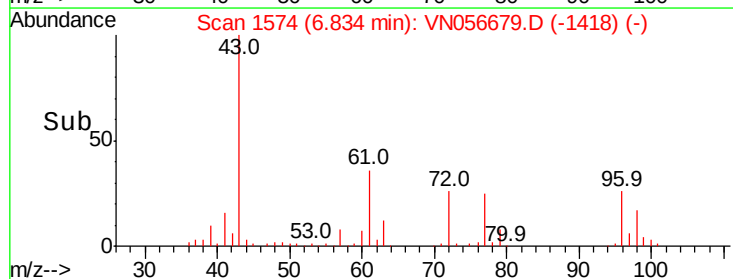
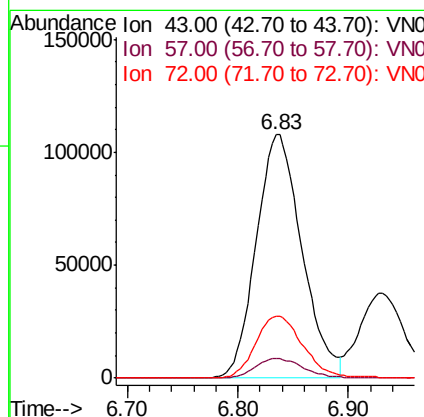
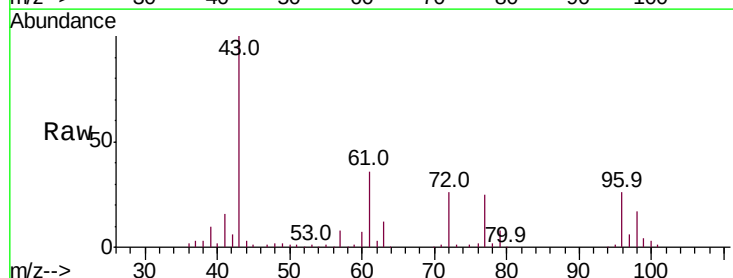
Manual Integrations
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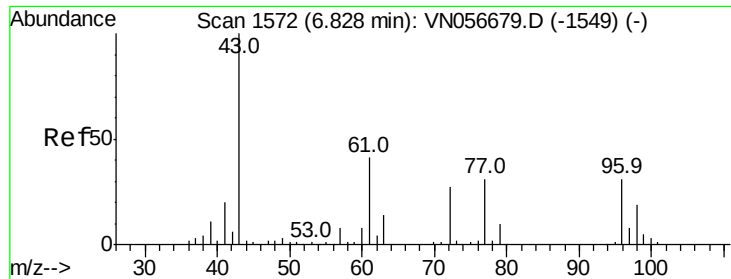
MMDadoda
 7/16/2019 9:57:42 AM



#30
 2-Butanone
 Concen: 115.908 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	8.3	6.6	10.0	
72	26.6	21.3	31.9	





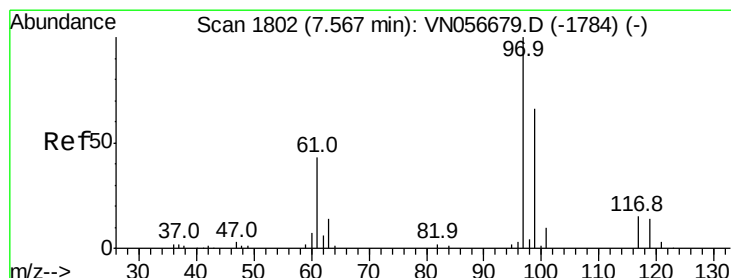
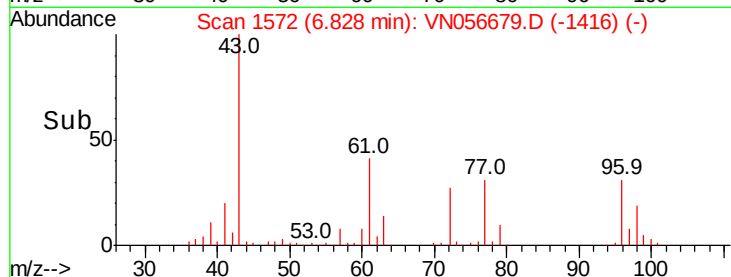
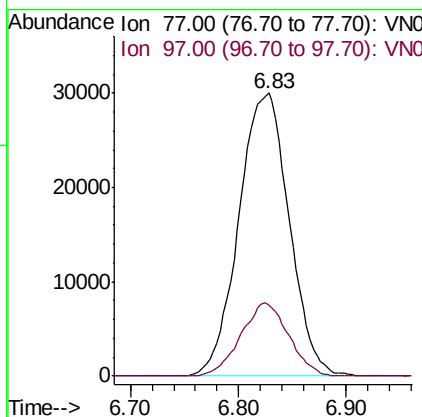
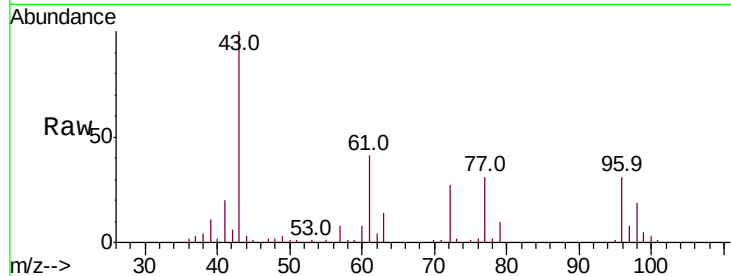
#31
 2,2-Dichloropropane
 Concen: 21.311 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.6	19.7	29.5

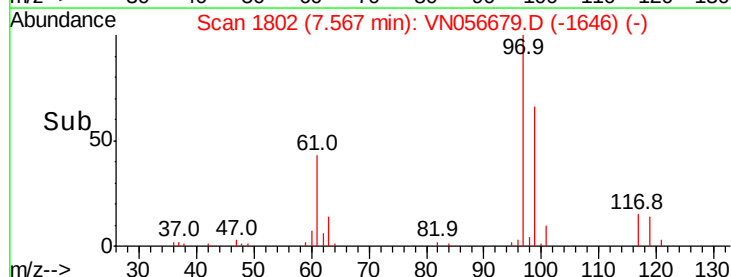
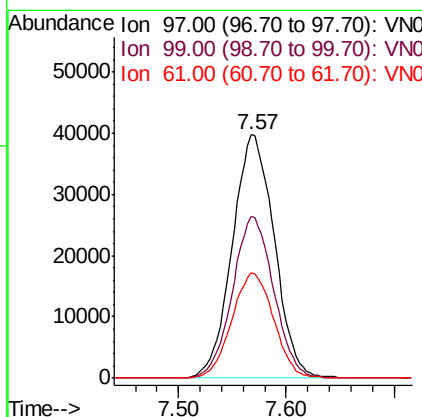
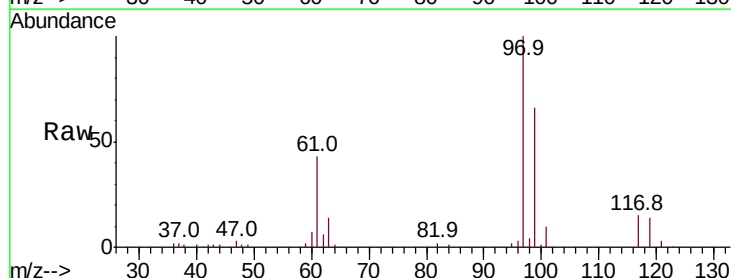
Manual Integrations
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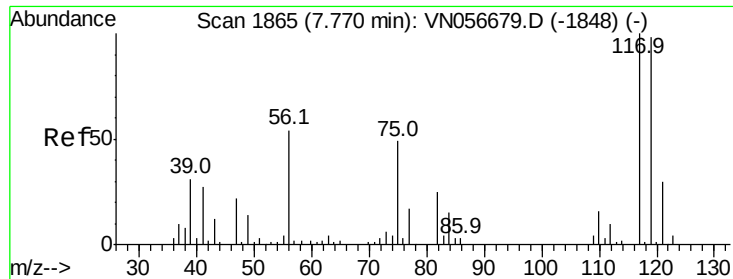
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#32
 1,1,1-Trichloroethane
 Concen: 21.345 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	43.0	34.4	51.6





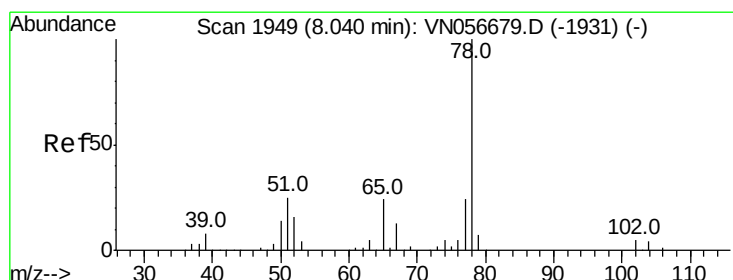
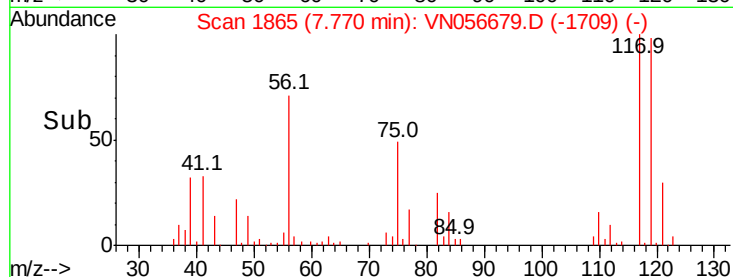
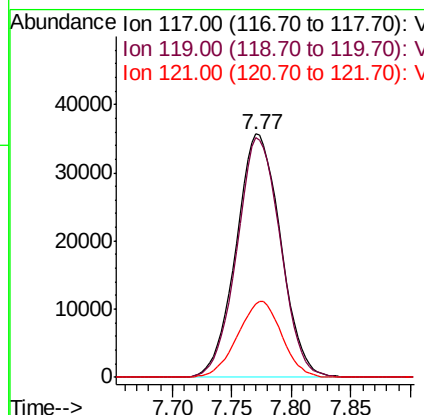
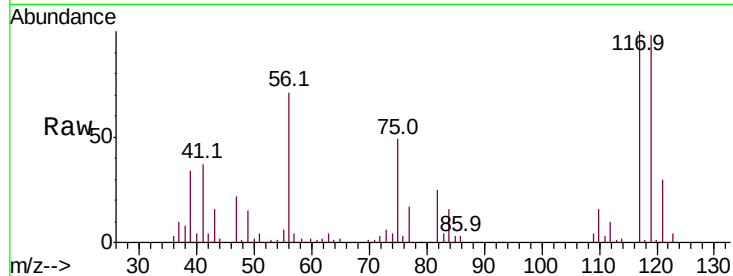
#33
Carbon Tetrachloride
Concen: 21.467 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:117 Resp: 92433
Ion Ratio Lower Upper
117 100
119 98.4 78.7 118.1
121 30.0 24.0 36.0

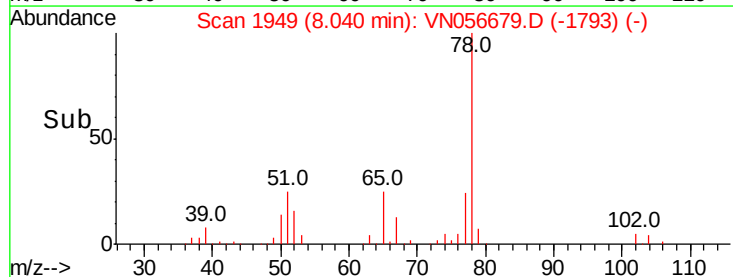
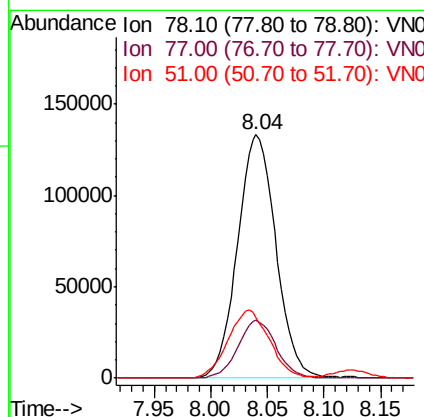
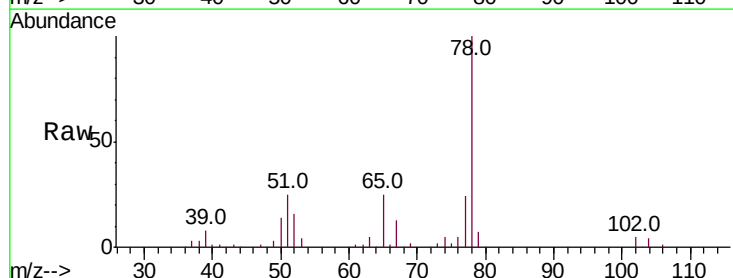
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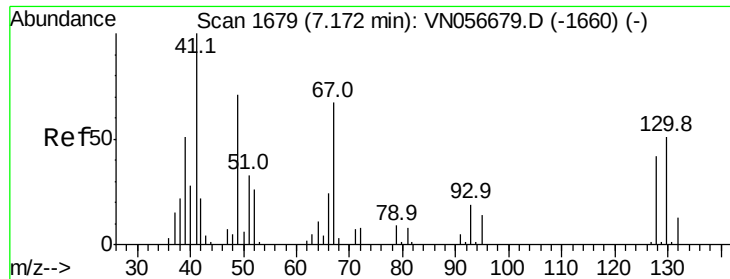
MMDadoda
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#34
Benzene
Concen: 21.320 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion: 78 Resp: 315108
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4
51 24.6 19.7 29.5





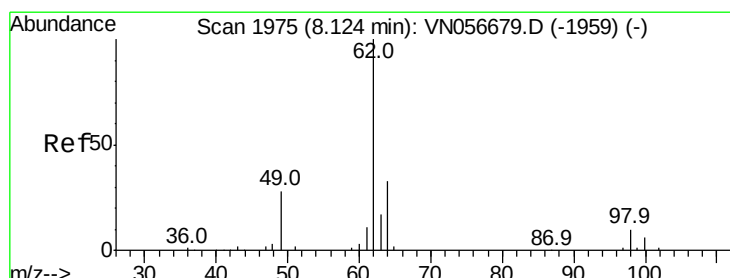
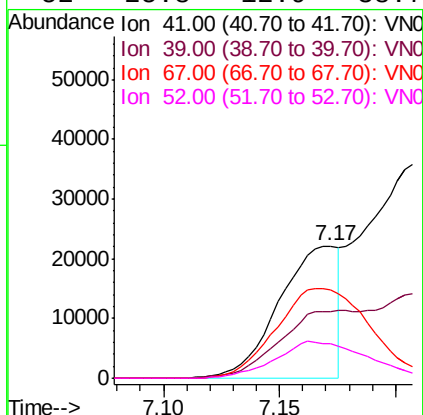
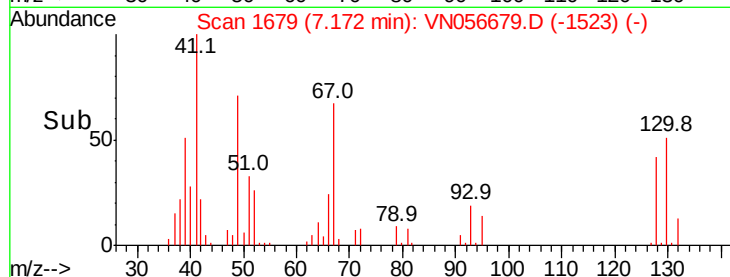
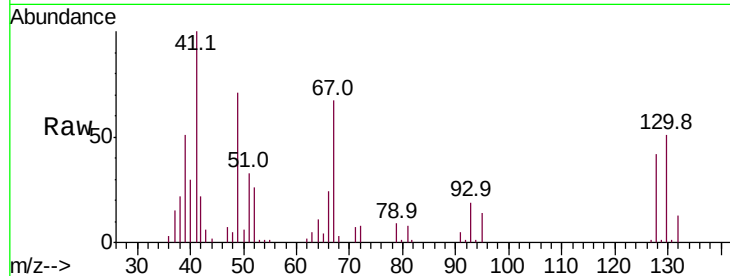
#35
Methacrylonitrile
Concen: 17.912 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.8	25.4	76.2
67	67.2	33.6	100.8
52	25.8	12.9	38.7

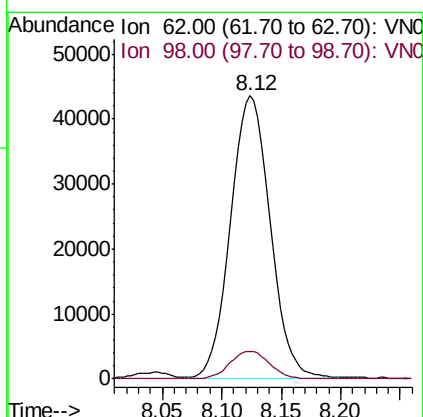
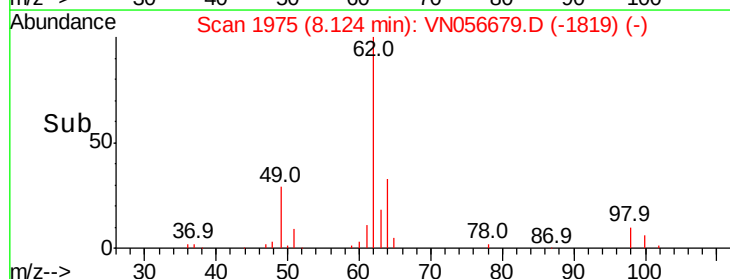
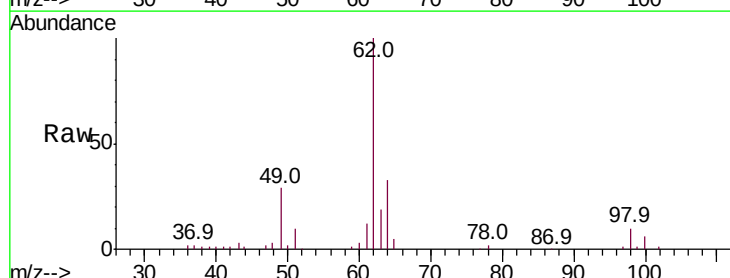
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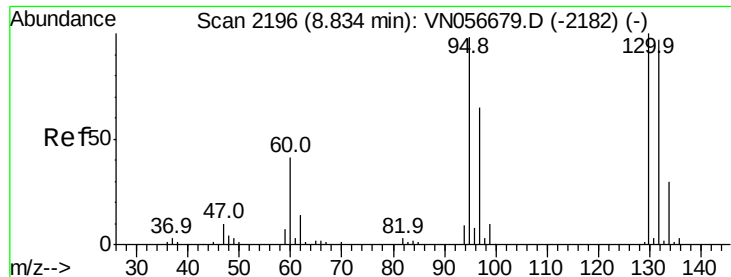
MMDadoda
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#36
1,2-Dichloroethane
Concen: 21.128 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.7	11.5





#37

Trichloroethene

Concen: 21.868 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:130 Resp: 85152

Ion Ratio Lower Upper

130 100

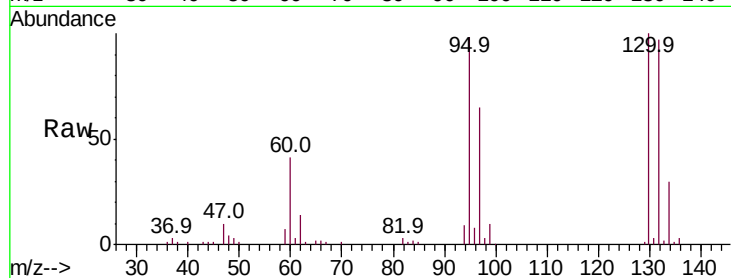
95 98.0 78.4 117.6

Manual Integrations

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MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): VN056679.D (-2182) (-)

Ion 94.90 (94.60 to 95.60): VN056679.D (-2182) (-)

8.83

40000

30000

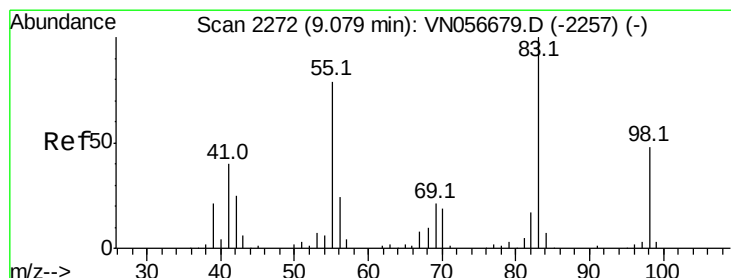
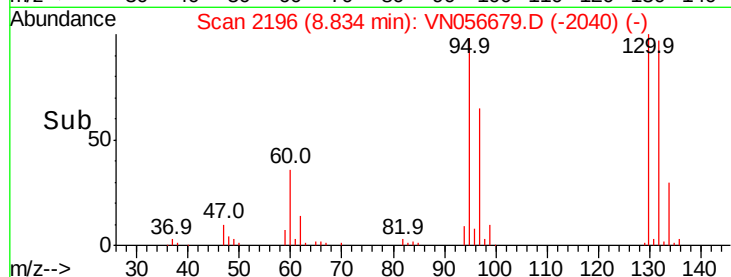
20000

10000

0

8.75 8.80 8.85 8.90

Time-->



#38

Methylcyclohexane

Concen: 21.644 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

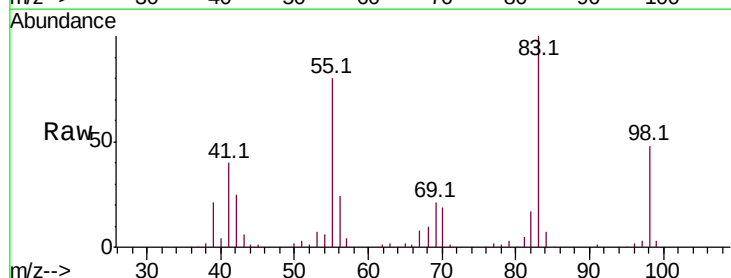
Tgt Ion: 83 Resp: 129048

Ion Ratio Lower Upper

83 100

55 76.8 38.4 115.2

98 46.6 23.3 69.9



Abundance Ion 83.00 (82.70 to 83.70): VN056679.D (-2257) (-)

Ion 55.00 (54.70 to 55.70): VN056679.D (-2257) (-)

Ion 98.00 (97.70 to 98.70): VN056679.D (-2257) (-)

9.08

80000

60000

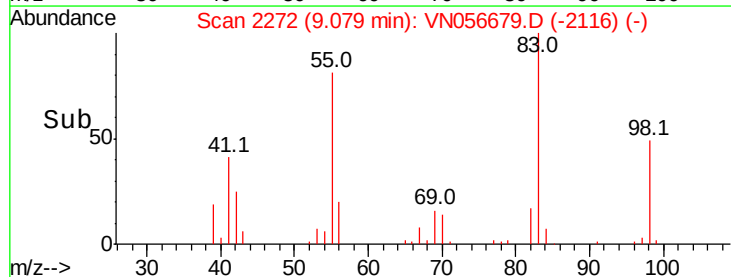
40000

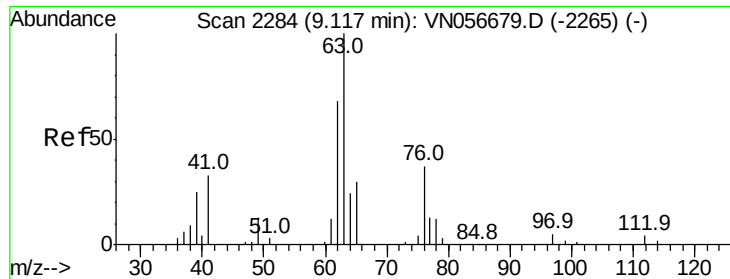
20000

0

9.00 9.05 9.10 9.15

Time-->





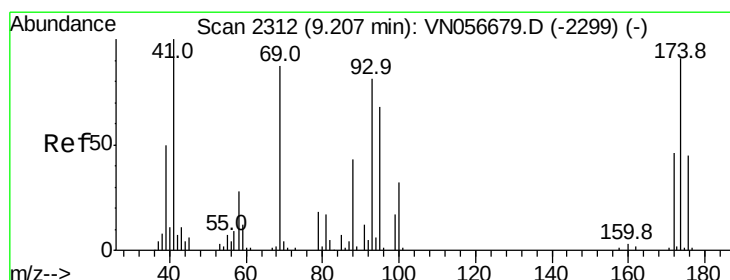
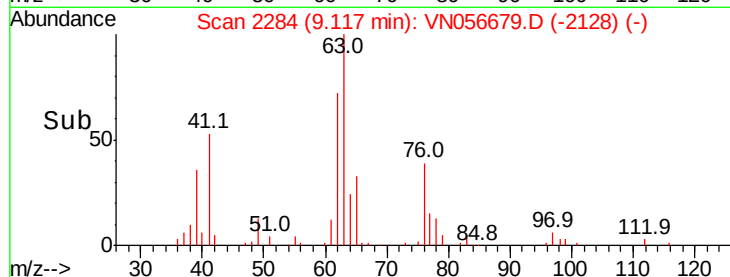
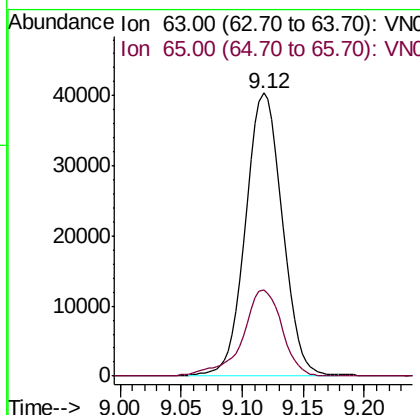
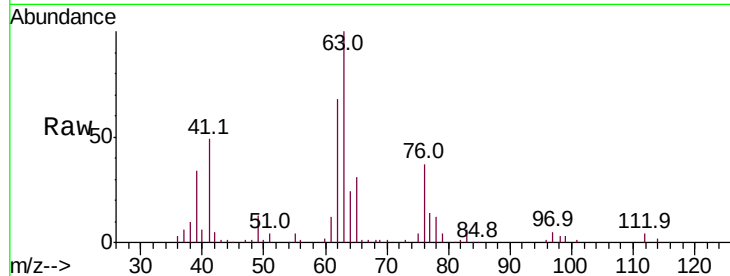
#39
 1,2-Dichloropropane
 Concen: 21.245 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 63 Resp: 84293
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8

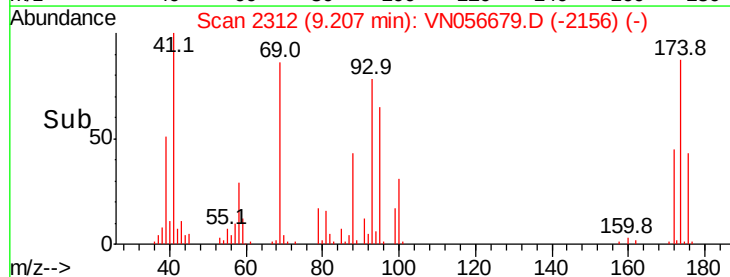
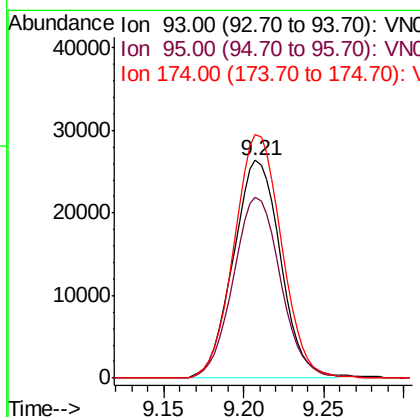
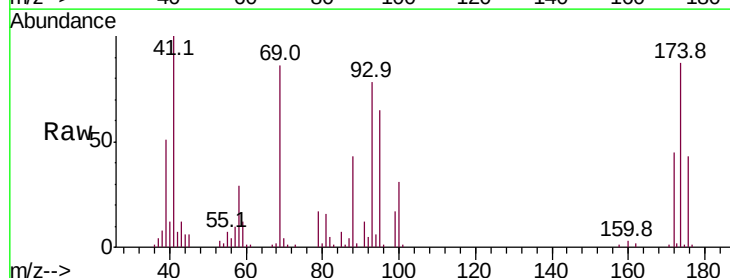
Manual Integrations
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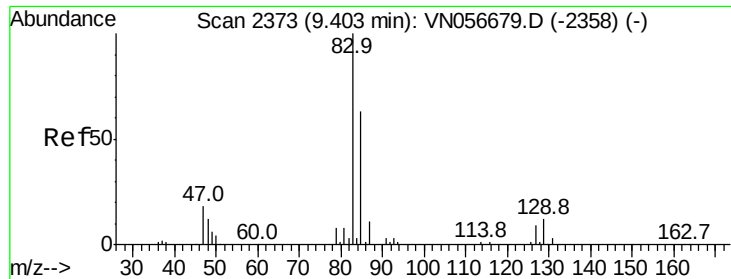
MMDadoda
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#40
 Dibromomethane
 Concen: 21.547 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion: 93 Resp: 53120
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 167.0
 174 112.1 0.0 224.2





#41

Bromodichloromethane

Concen: 21.250 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

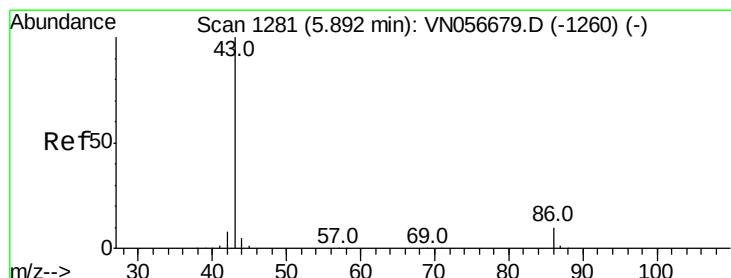
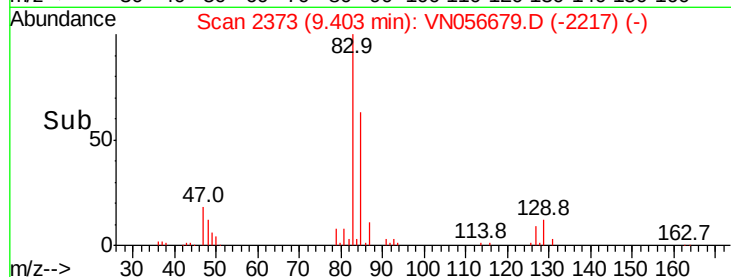
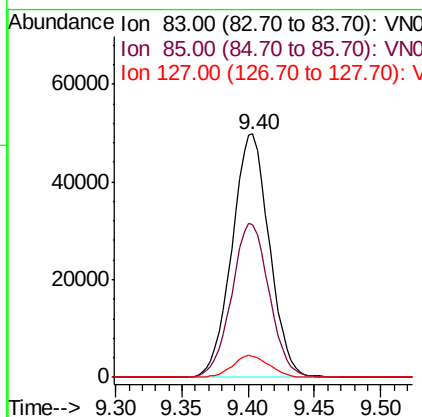
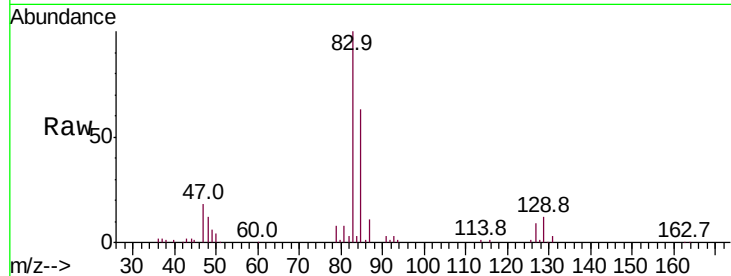
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	97423
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.1	75.1
127	8.7	7.0	10.4

Manual Integrations
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7/16/2019 9:57:42 AM



#42

Vinyl Acetate

Concen: 105.493 ug/l

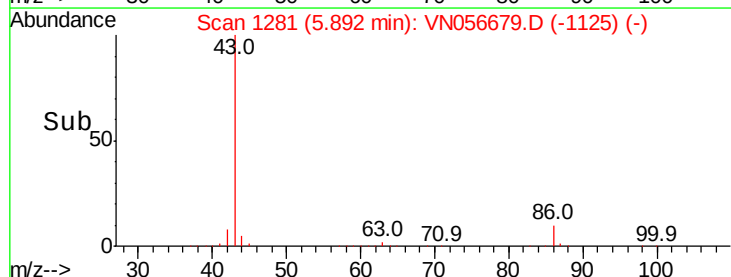
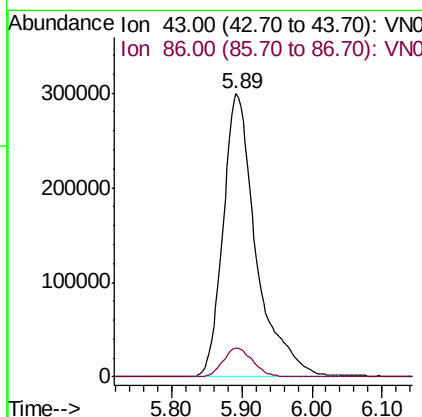
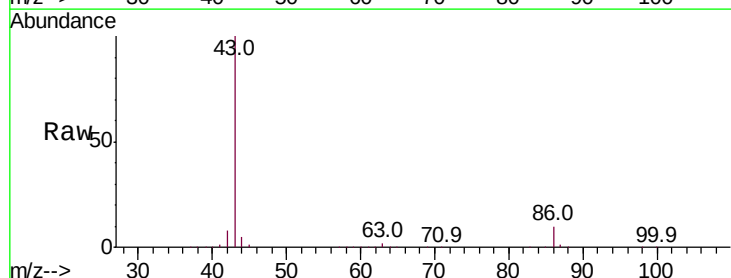
RT: 5.89 min Scan# 1281

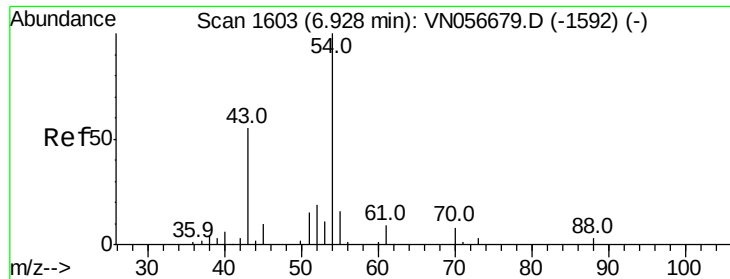
Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Tgt Ion:	43	Resp:	982980
Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.4	11.2





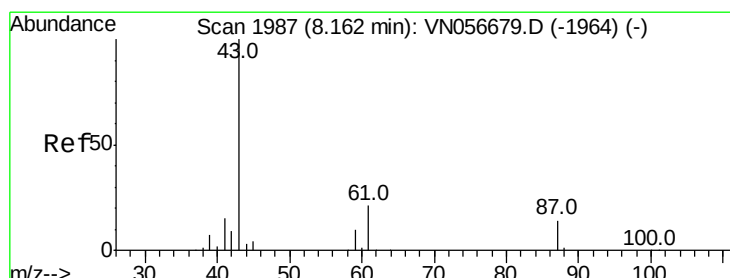
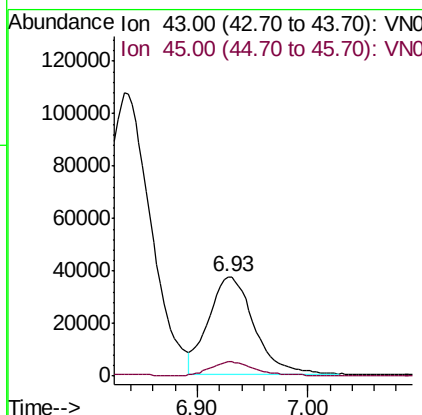
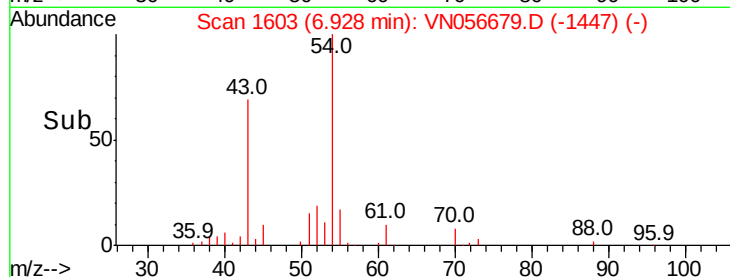
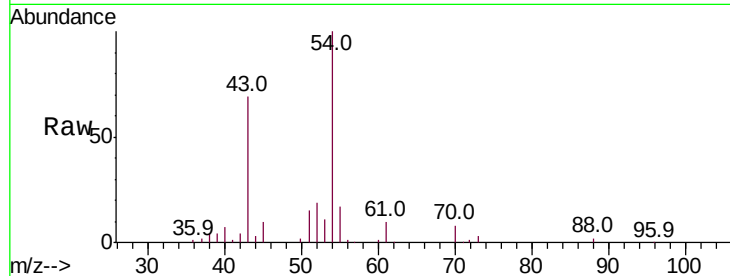
#43
Ethyl Acetate
Concen: 21.165 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 106903
Ion Ratio Lower Upper
43 100
45 14.0 11.2 16.8

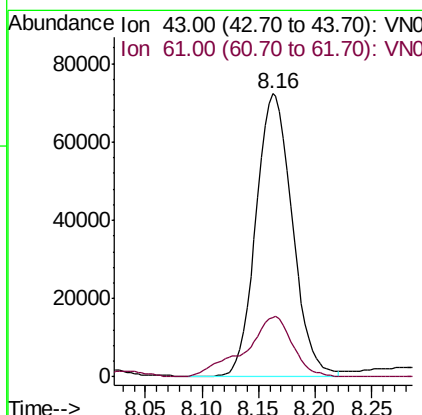
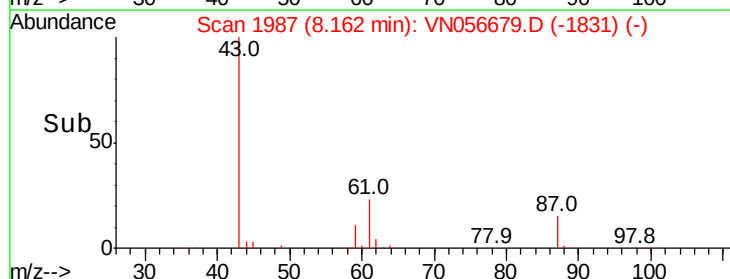
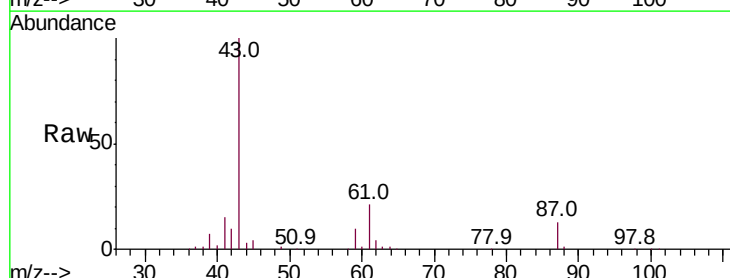
Manual Integrations
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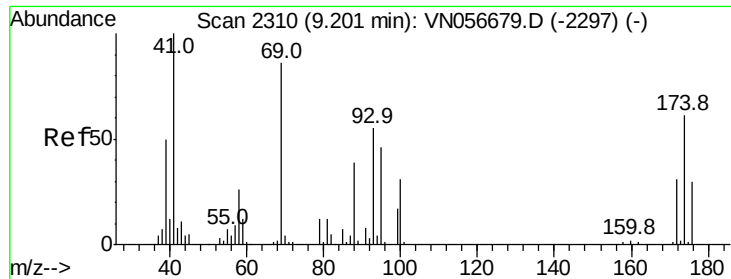
MMDadoda
7/16/2019 9:57:42 AM



#44
Isopropyl Acetate
Concen: 20.423 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion: 43 Resp: 160421
Ion Ratio Lower Upper
43 100
61 28.2 22.6 33.8





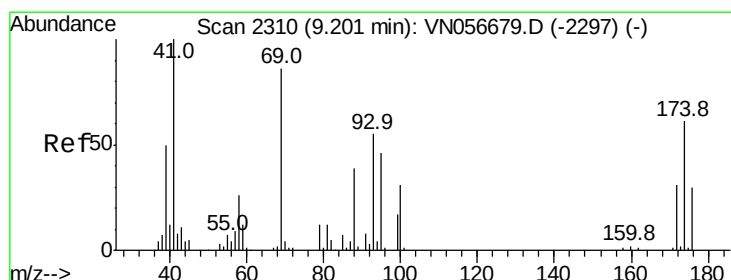
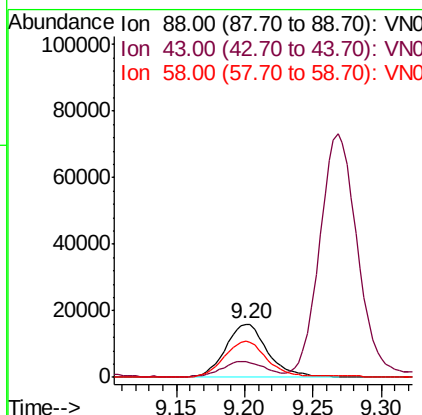
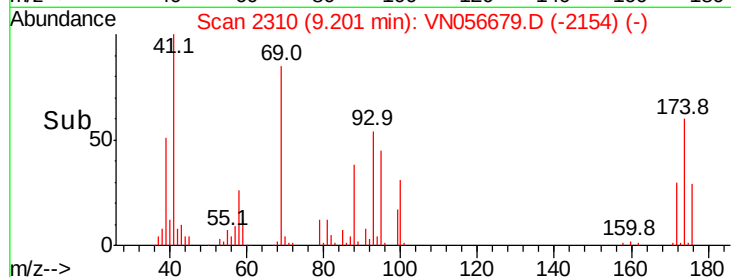
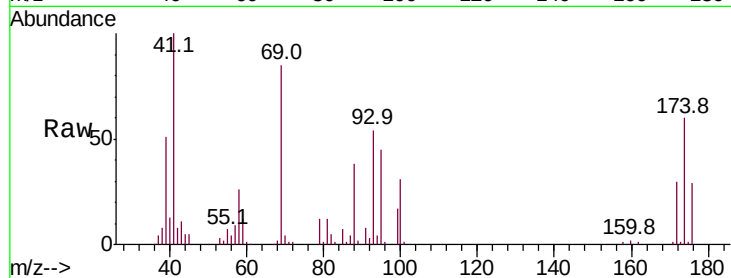
#45
 1,4-Dioxane
 Concen: 443.813 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	88	Resp	34626
Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.0	34.6
58	68.2	54.6	81.8

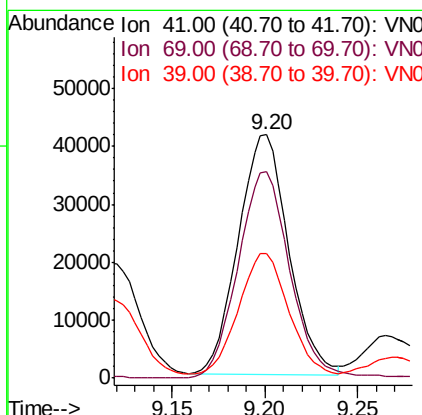
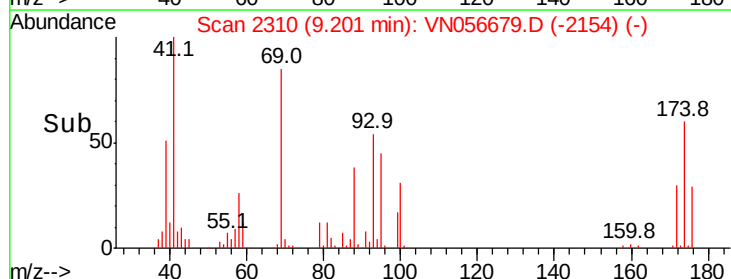
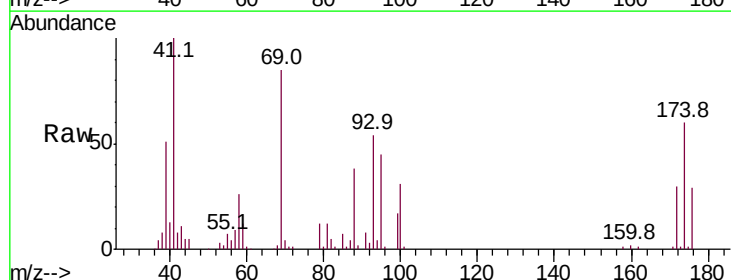
Manual Integrations
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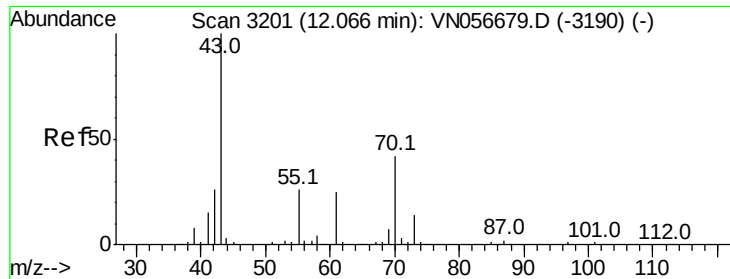
MMDadoda
 7/16/2019 9:57:42 AM



#46
 Methyl methacrylate
 Concen: 20.255 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion	41	Resp	78299
Ion	Ratio	Lower	Upper
41	100		
69	86.0	43.0	129.0
39	50.3	25.1	75.4





#47

n-amvl Acetate

Concen: 19.617 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 127664

Ion Ratio Lower Upper

43 100

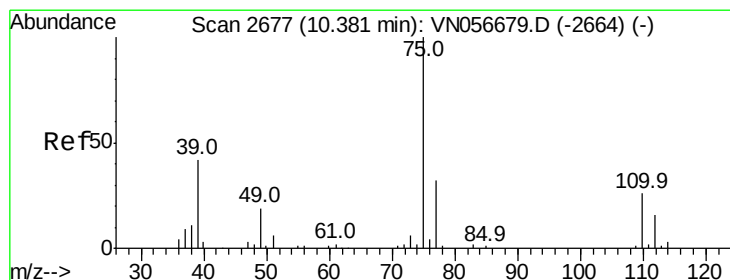
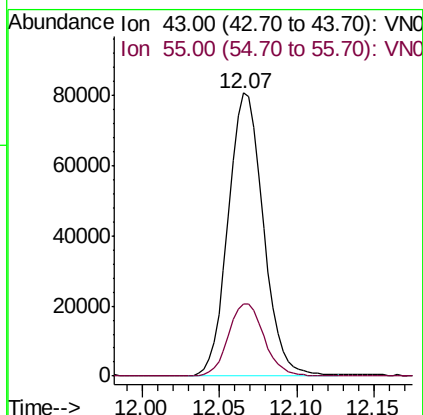
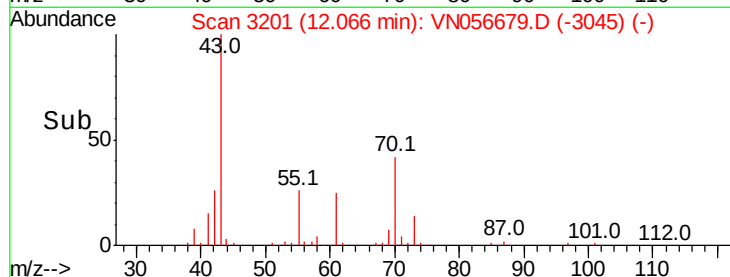
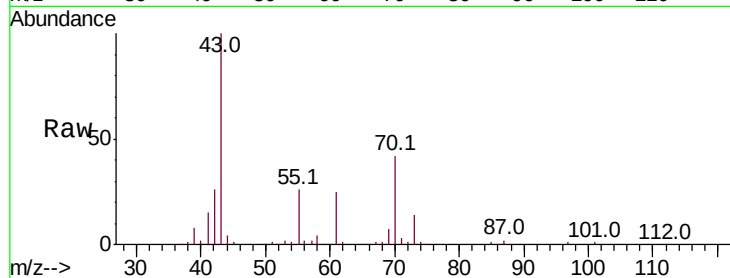
55 25.9 20.7 31.1

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 20.866 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056679.D

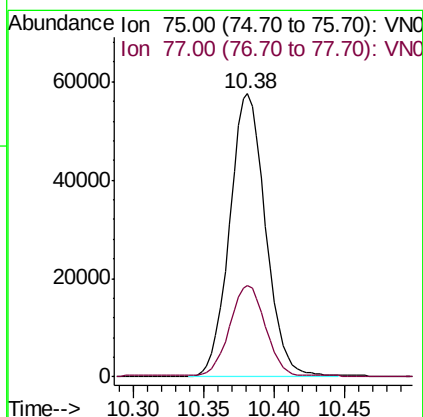
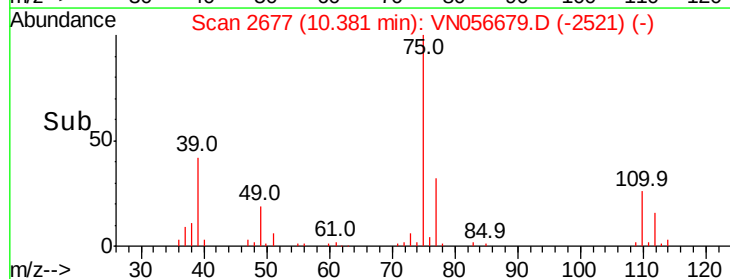
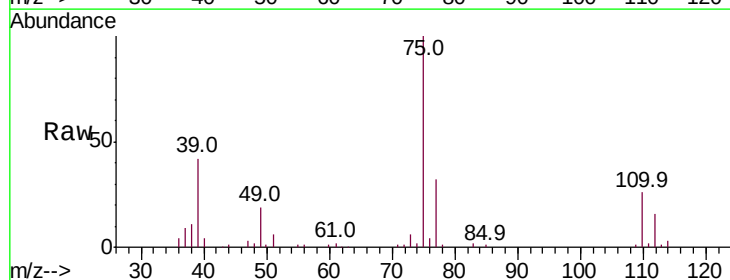
Acq: 12 Jul 2019 10:36

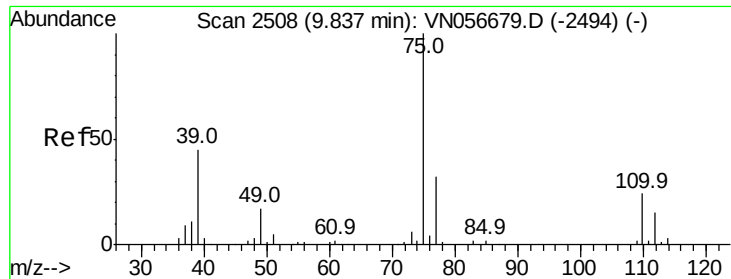
Tgt Ion: 75 Resp: 102739

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5





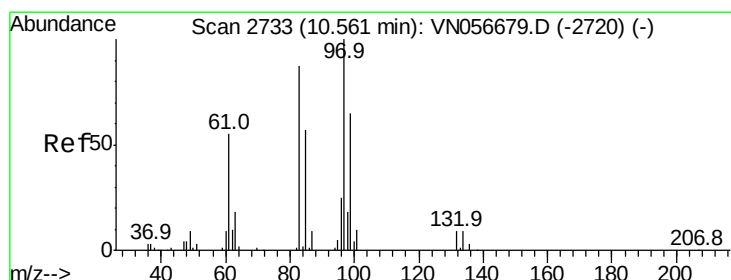
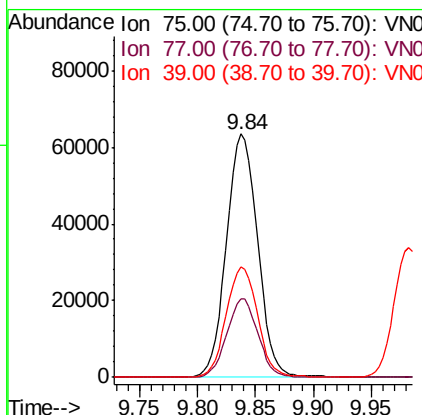
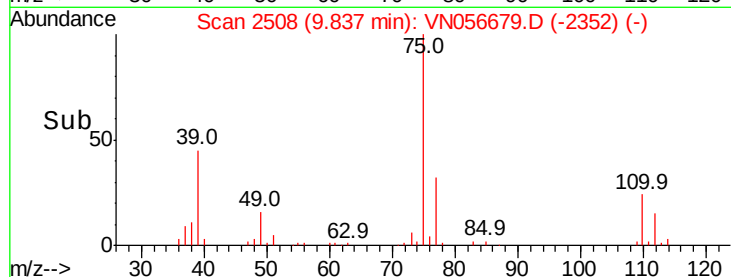
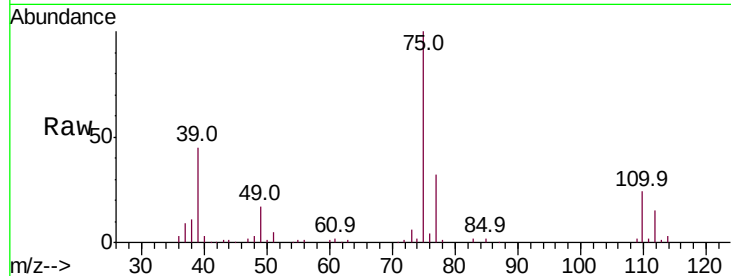
#49
 cis-1,3-Dichloropropene
 Concen: 20.922 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion:	75	Resp:	118429
Ion Ratio	Lower	Upper	
75	100		
77	32.5	26.0	39.0
39	45.3	36.2	54.4

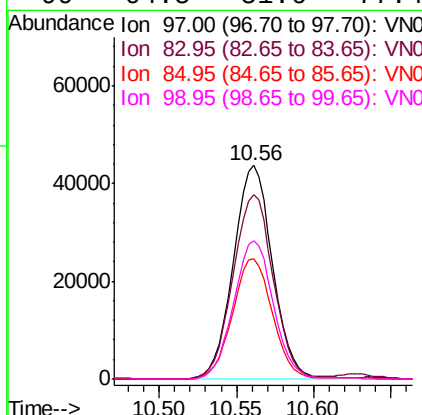
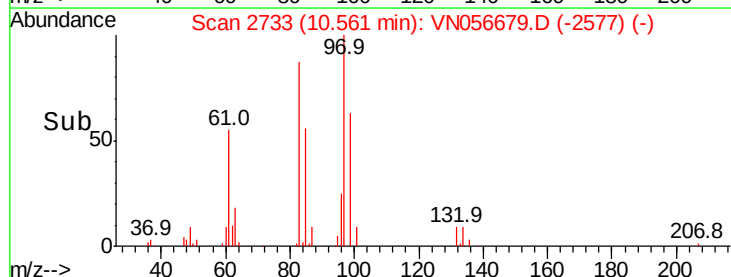
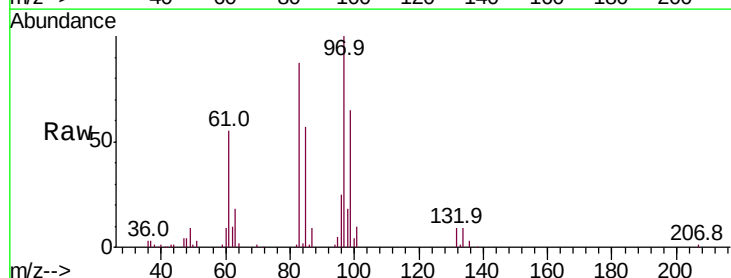
Manual Integrations
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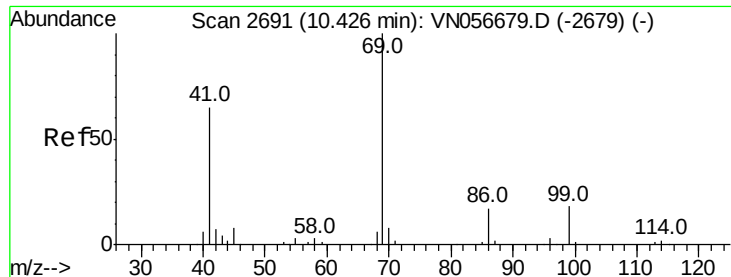
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 21.244 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion:	97	Resp:	76867
Ion Ratio	Lower	Upper	
97	100		
83	86.5	69.2	103.8
85	56.6	45.3	67.9
99	64.5	51.6	77.4





#51

Ethyl methacrylate

Concen: 20.451 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

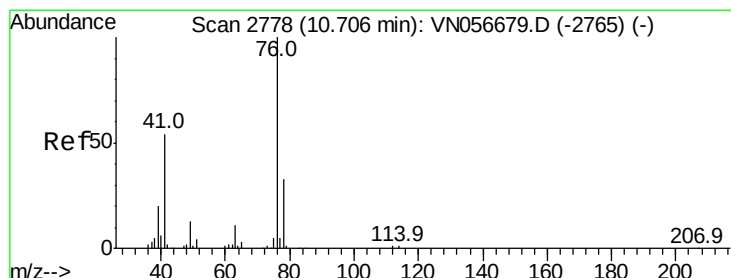
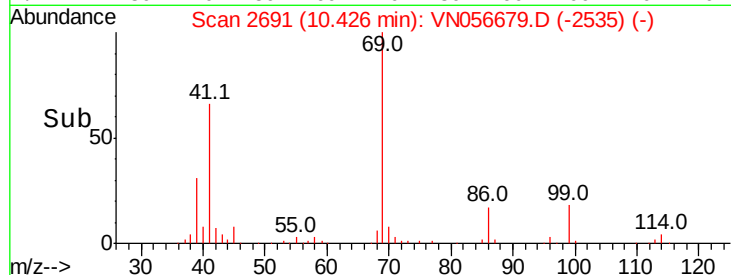
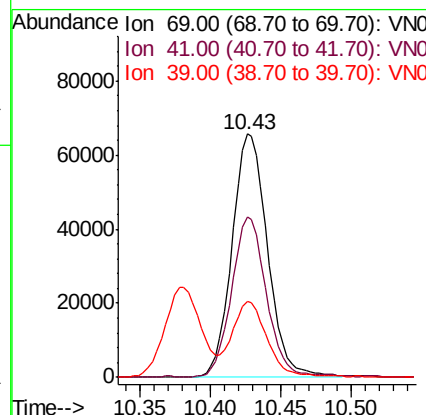
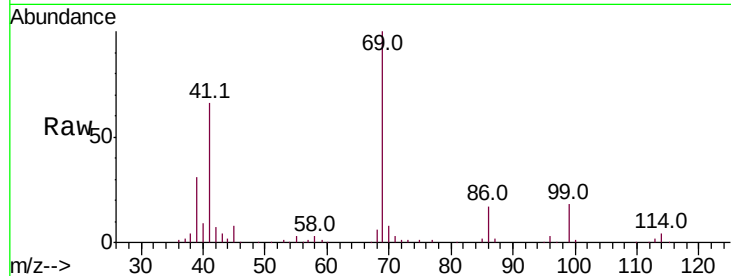
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	115751
Ion Ratio	Lower	Upper	
69	100		
41	65.5	32.8	98.3
39	30.8	15.4	46.2

Manual Integrations
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7/16/2019 9:57:42 AM



#52

1,3-Dichloropropane

Concen: 21.422 ug/l

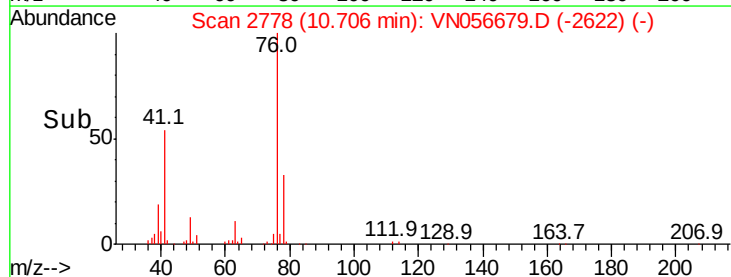
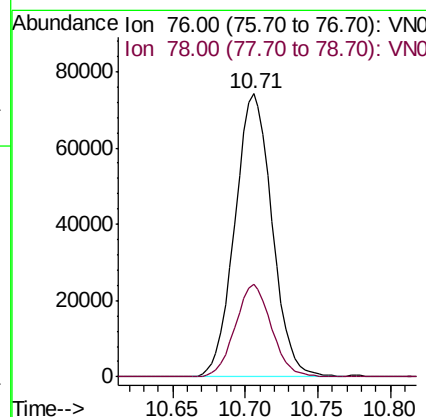
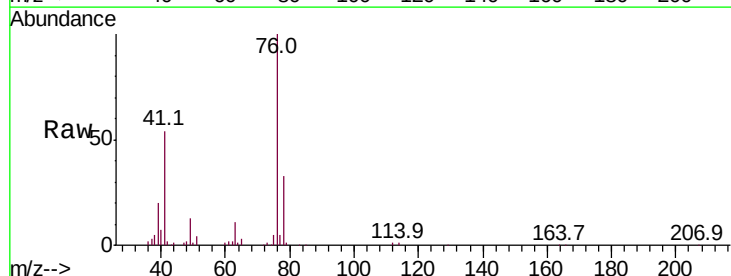
RT: 10.71 min Scan# 2778

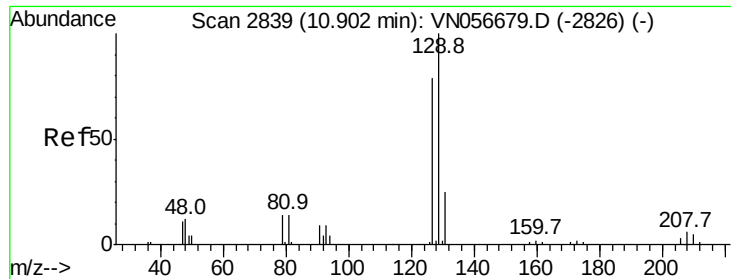
Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Tgt Ion:	76	Resp:	132261
Ion Ratio	Lower	Upper	
76	100		
78	31.8	0.0	63.6





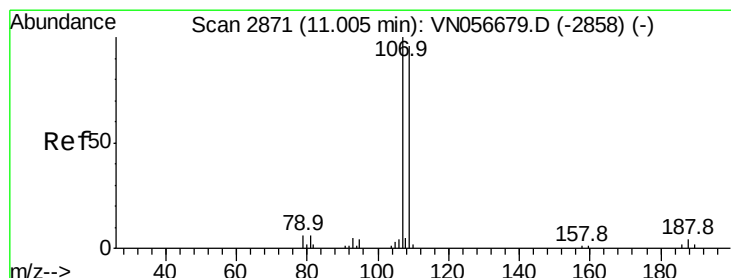
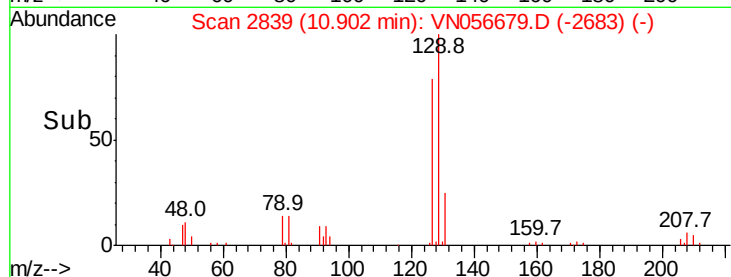
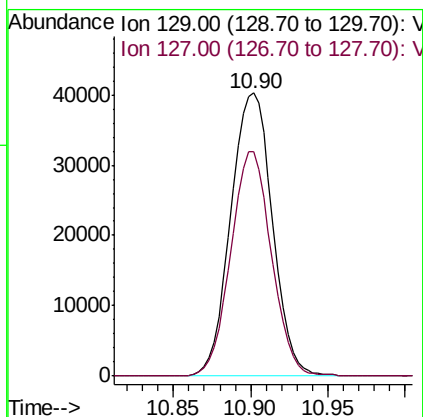
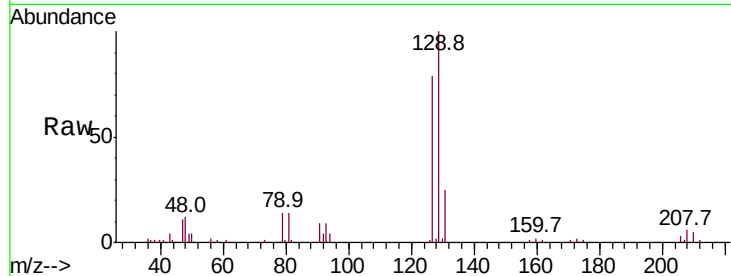
#53
Dibromochloromethane
Concen: 21.100 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:129 Resp: 75364
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

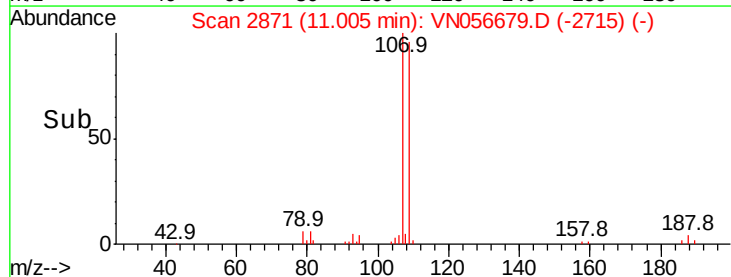
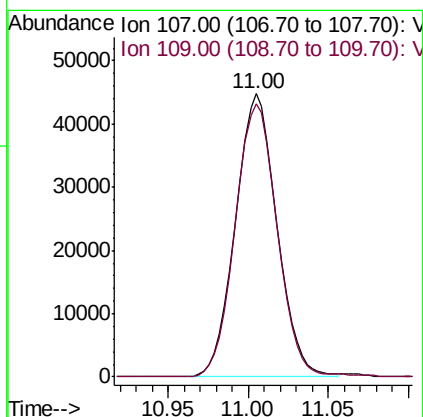
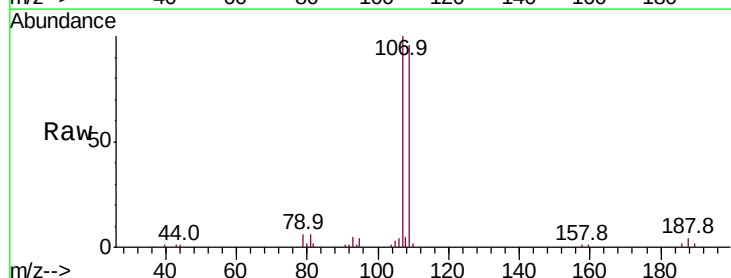
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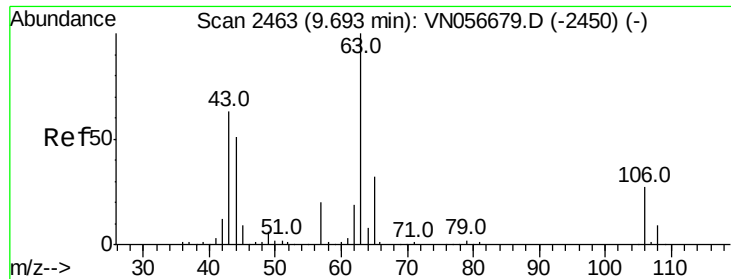
MMDadoda
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#54
1,2-Dibromoethane
Concen: 20.949 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion:107 Resp: 79108
Ion Ratio Lower Upper
107 100
109 97.4 77.9 116.9





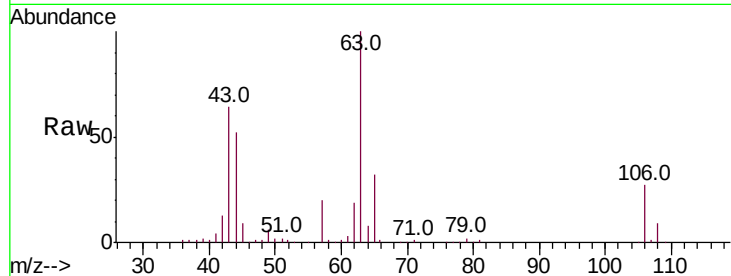
#55
2-Chloroethyl vinyl ether
Concen: 99.075 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.2	37.8
106	27.0	21.6	32.4

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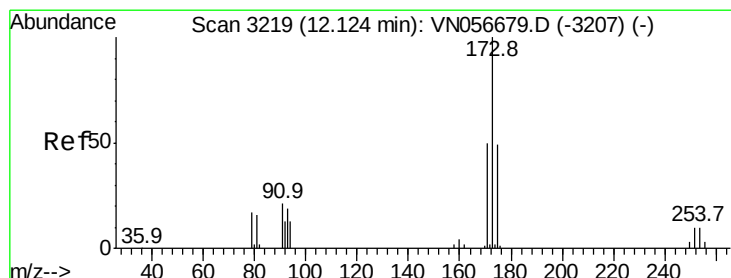
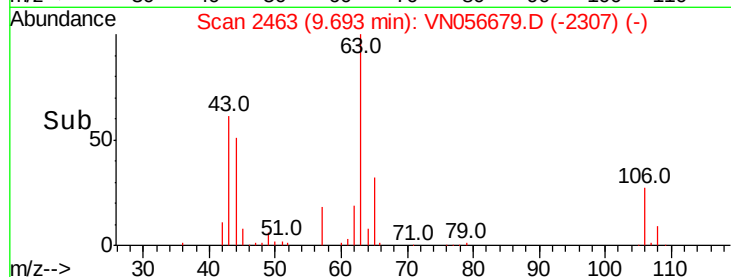
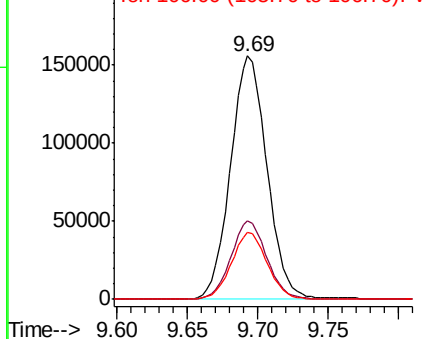


Abundance

Ion 63.00 (62.70 to 63.70): VN056679.D (-2450) (-)

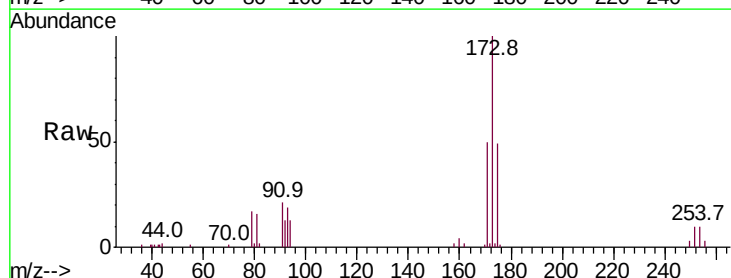
Ion 65.00 (64.70 to 65.70): VN056679.D (-2450) (-)

Ion 106.00 (105.70 to 106.70): VN056679.D (-2450) (-)



#56
Bromoform
Concen: 20.725 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.7	59.5
254	9.8	7.8	11.8

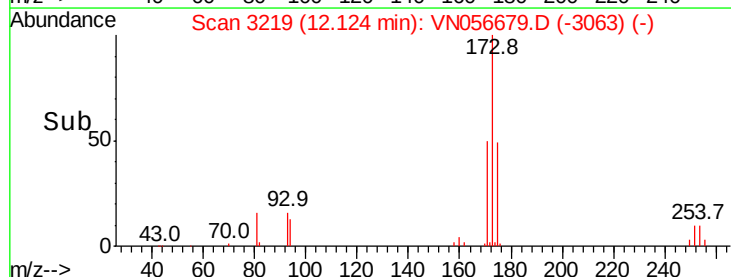
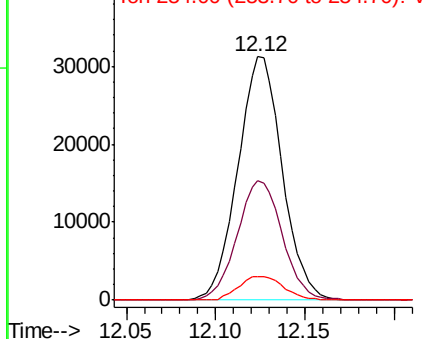


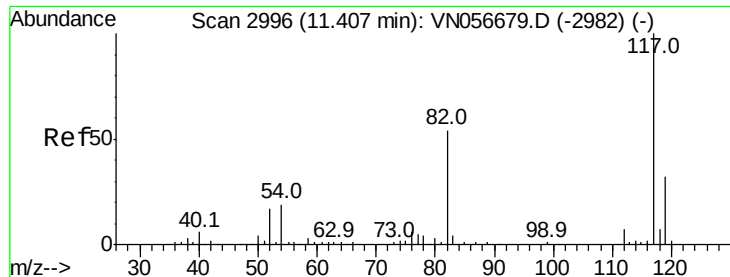
Abundance

Ion 173.00 (172.70 to 173.70): VN056679.D (-3207) (-)

Ion 175.00 (174.70 to 175.70): VN056679.D (-3207) (-)

Ion 254.00 (253.70 to 254.70): VN056679.D (-3207) (-)





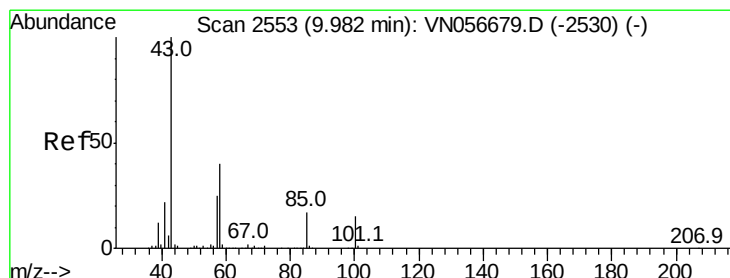
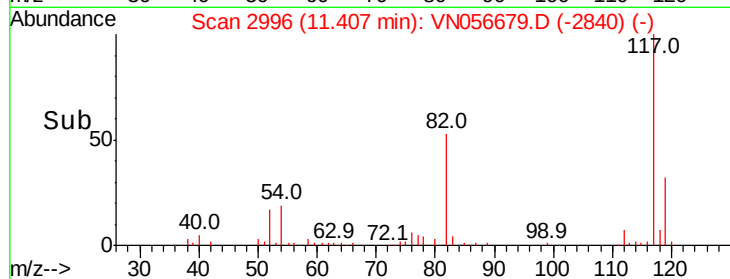
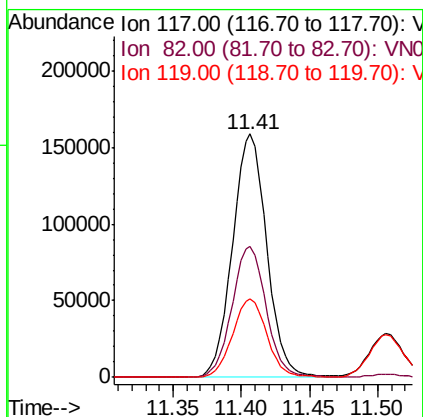
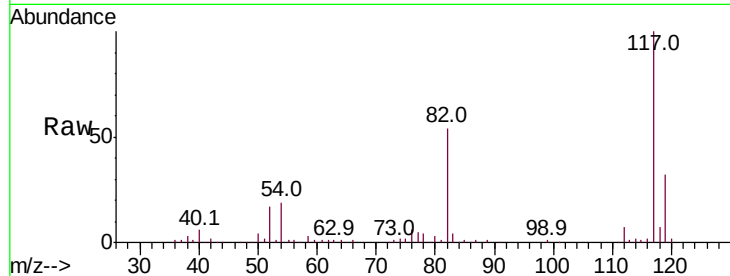
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	32.5	26.0	39.0

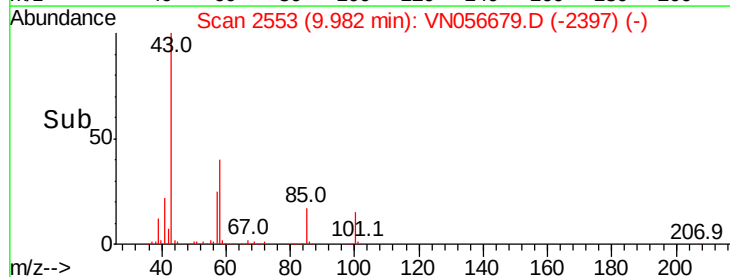
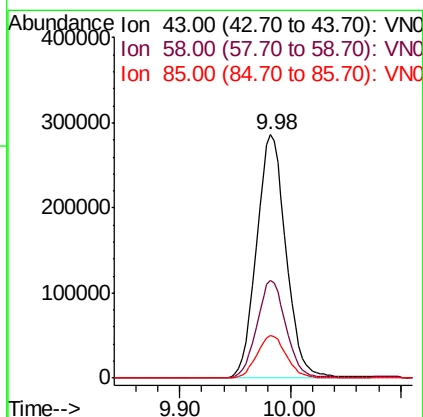
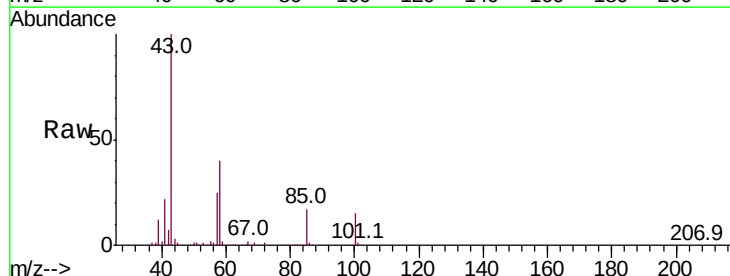
Manual Integrations
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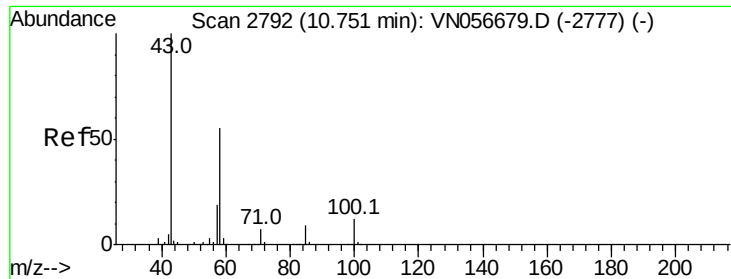
MMDadoda
7/16/2019 9:57:42 AM



#58
4-Methyl-2-Pentanone
Concen: 104.306 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.9	47.9
85	17.8	14.2	21.4





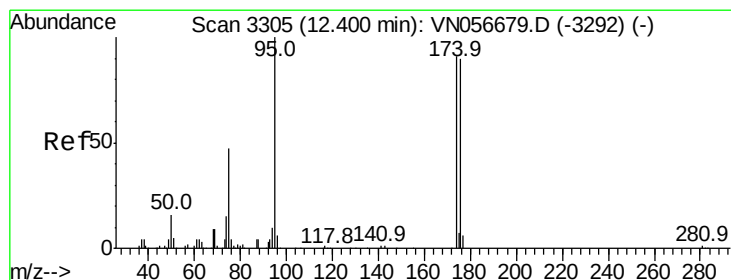
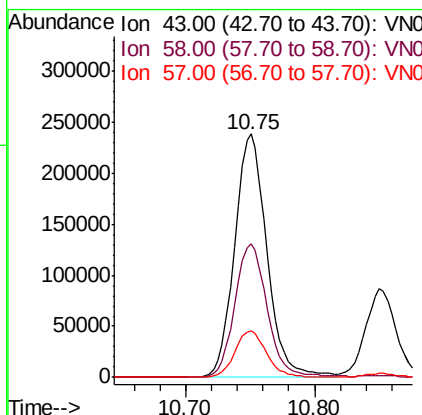
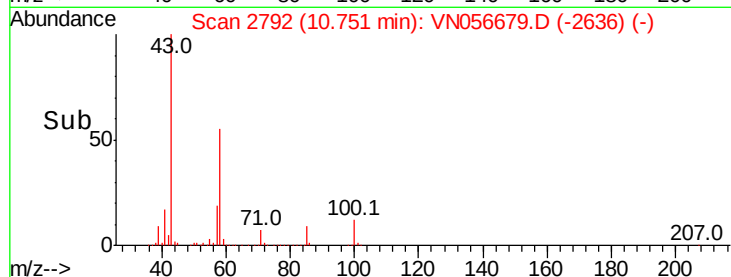
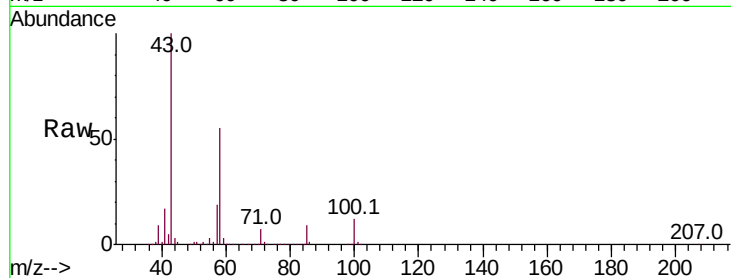
#59
2-Hexanone
Concen: 108.831 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	44.4	66.6
57	19.0	15.2	22.8

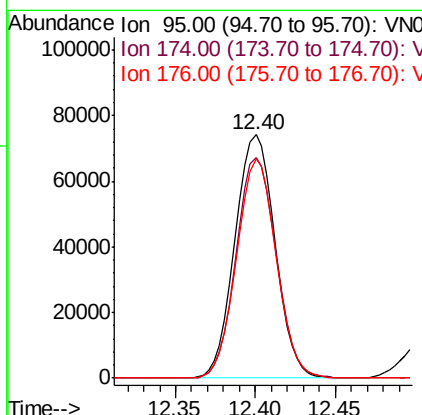
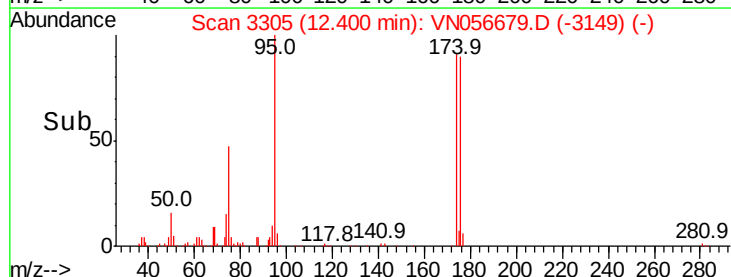
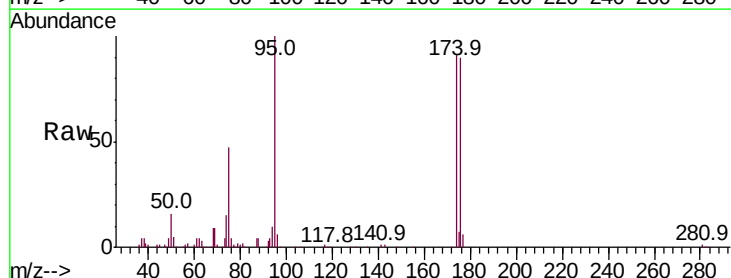
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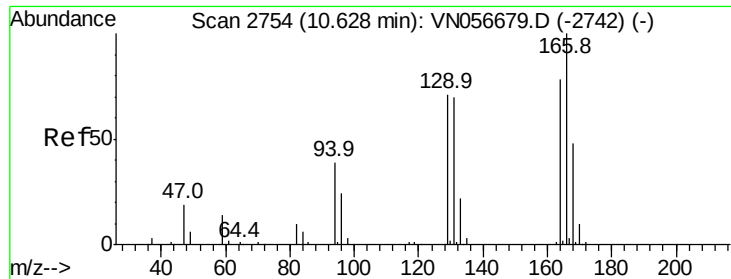
MMDadoda
7/16/2019 9:57:42 AM



#60
4-Bromofluorobenzene
Concen: 29.688 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.7	72.6	108.8
176	88.8	71.0	106.6





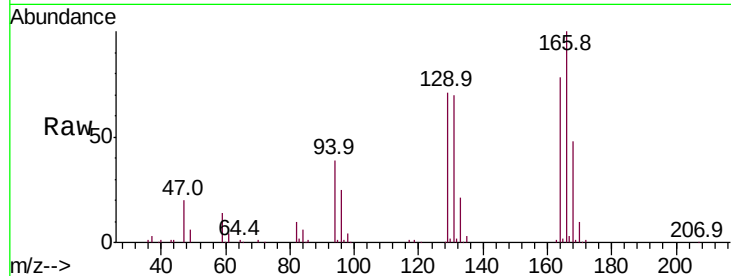
#61
Tetrachloroethene
Concen: 22.953 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

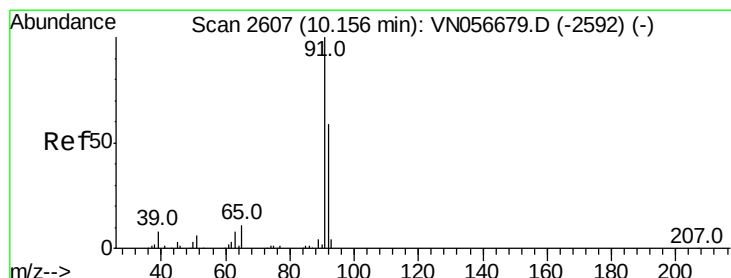
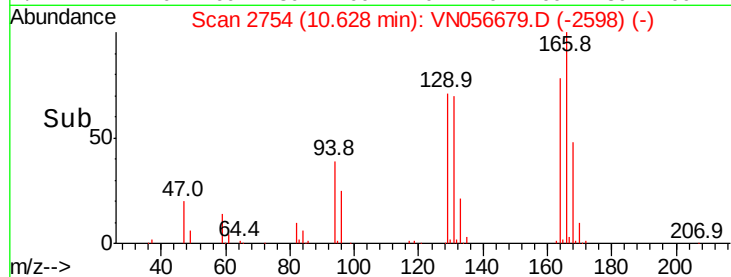
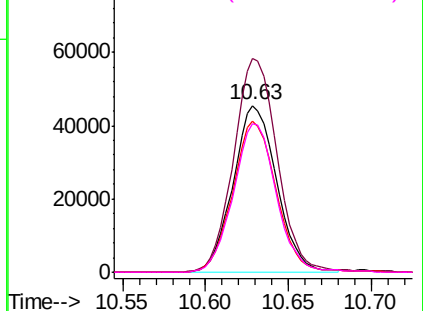
Tot Ion:164 Resp: 82932
Ion Ratio Lower Upper
164 100
166 127.9 102.3 153.5
129 90.7 72.6 108.8
131 89.3 71.4 107.2

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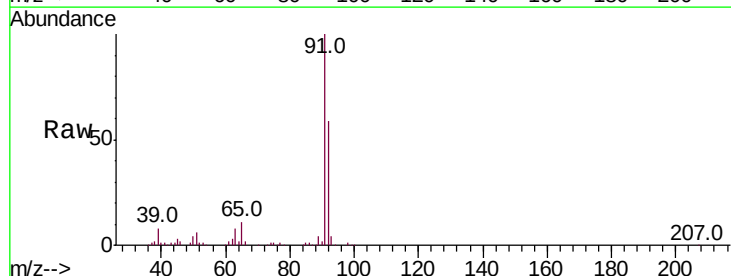


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

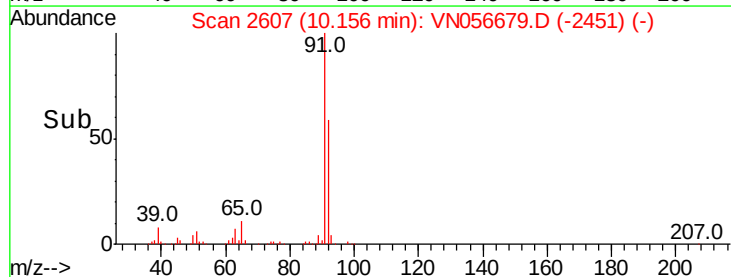
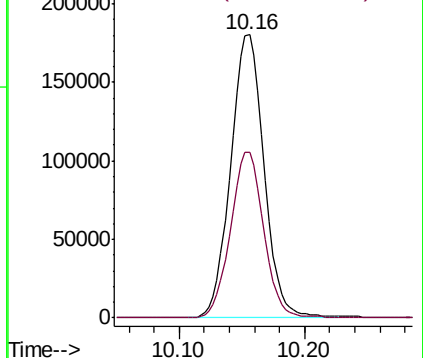


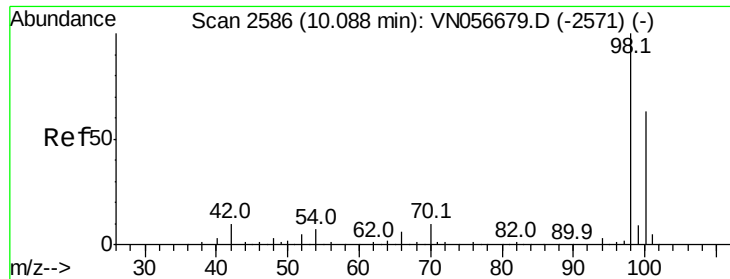
#62
Toluene
Concen: 21.179 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion: 91 Resp: 333412
Ion Ratio Lower Upper
91 100
92 58.4 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0





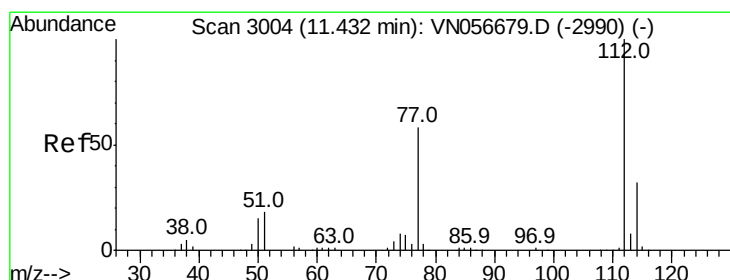
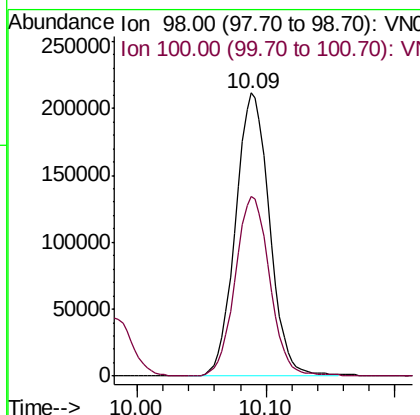
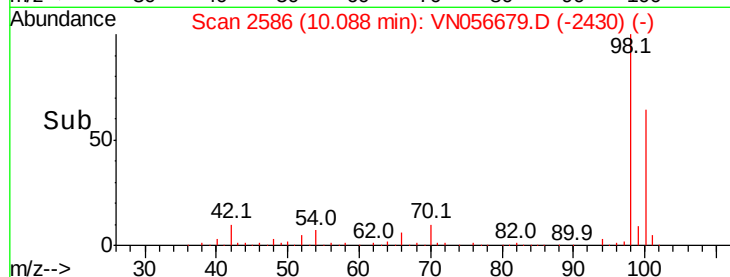
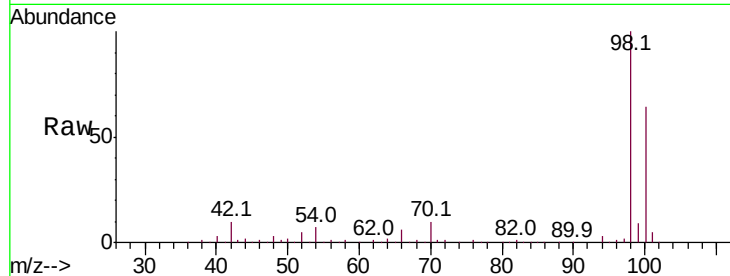
#63
Toluene-d8
Concen: 30.307 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 98 Resp: 388903
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

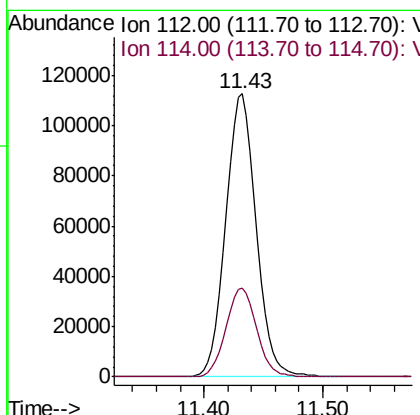
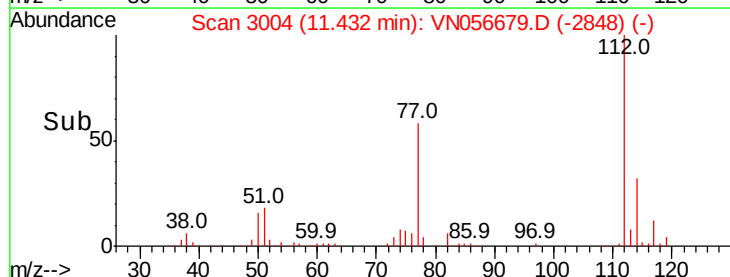
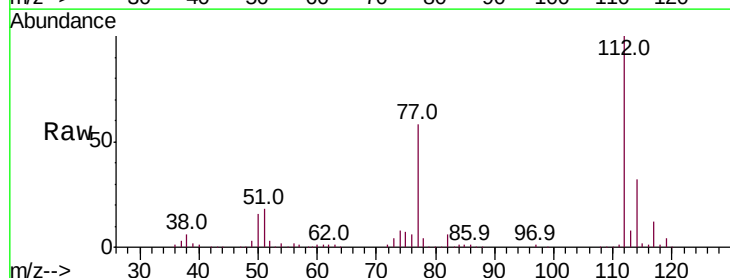
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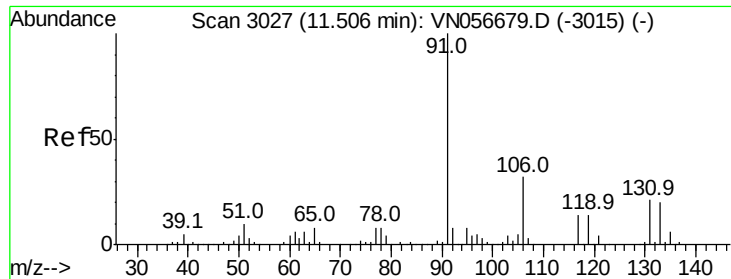
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#64
Chlorobenzene
Concen: 21.023 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion: 112 Resp: 199644
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 21.302 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:131 Resp: 73402

Ion Ratio Lower Upper

131 100

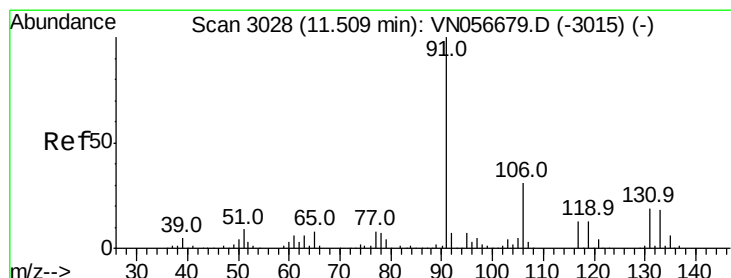
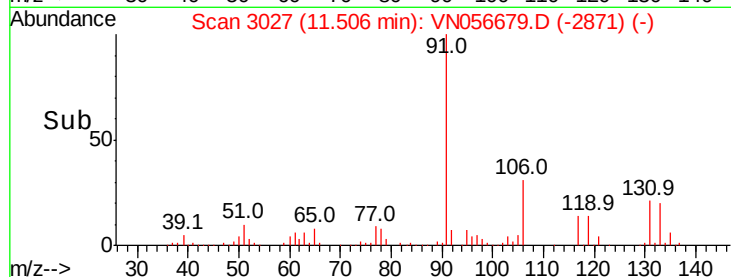
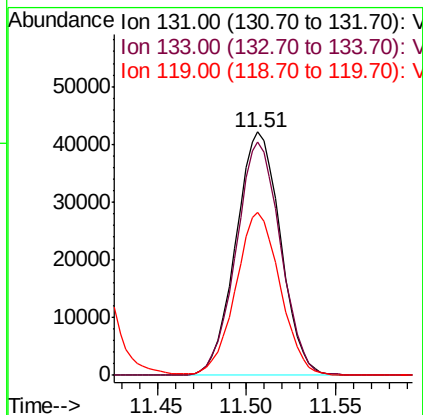
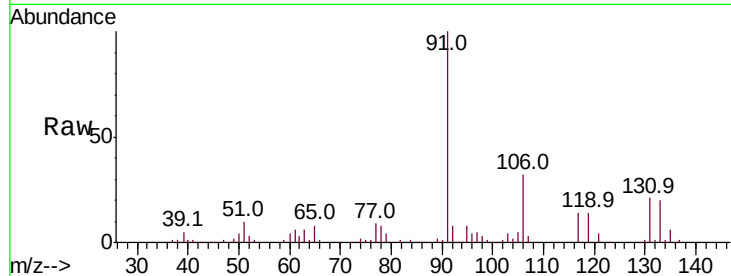
133 95.7 0.0 191.4

119 66.7 0.0 133.4

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#66

Ethyl Benzene

Concen: 20.955 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056679.D

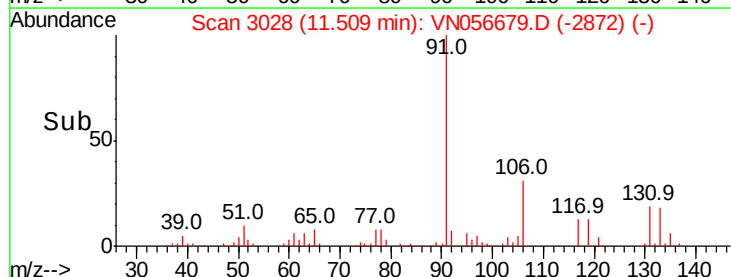
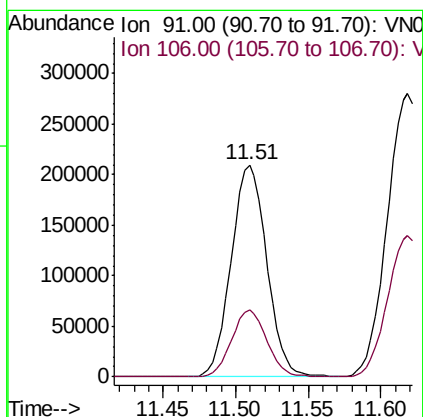
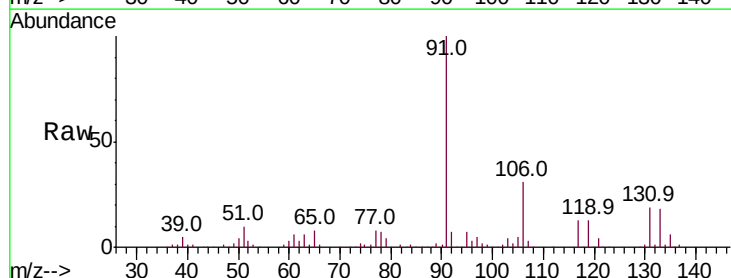
Acq: 12 Jul 2019 10:36

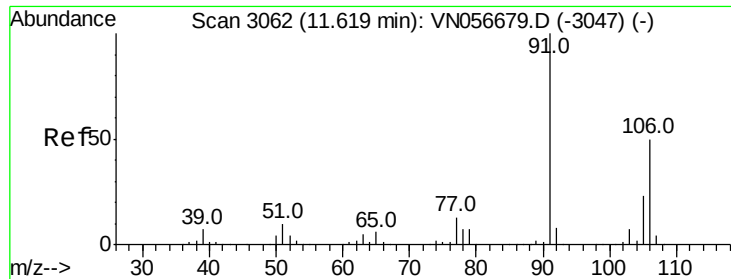
Tgt Ion: 91 Resp: 358079

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7





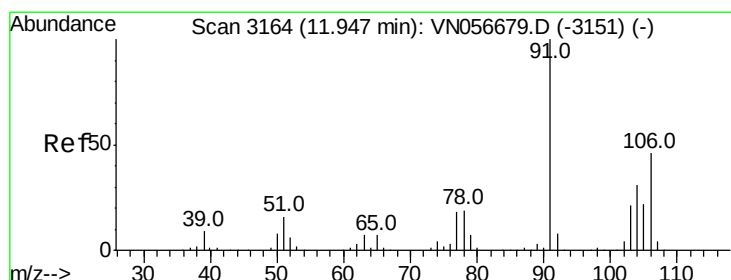
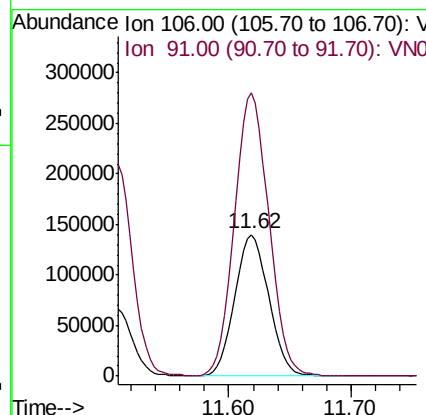
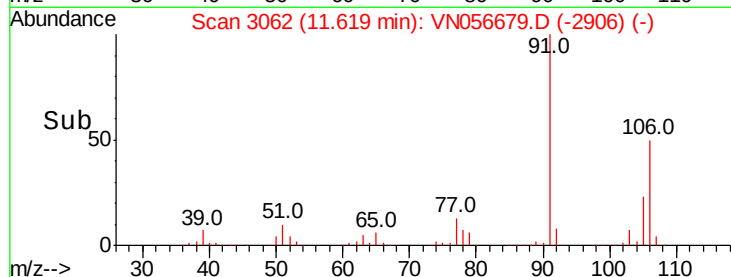
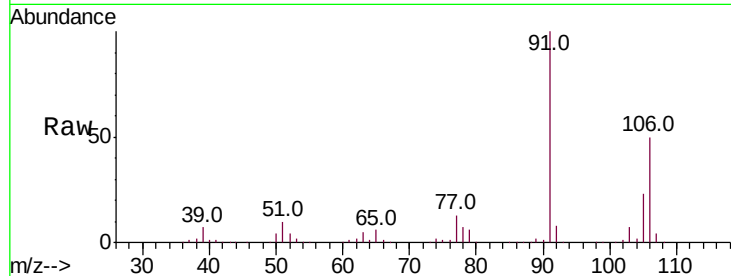
#67
m/p-Xylenes
Concen: 42.882 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:106 Resp: 272044
Ion Ratio Lower Upper
106 100
91 202.3 161.8 242.8

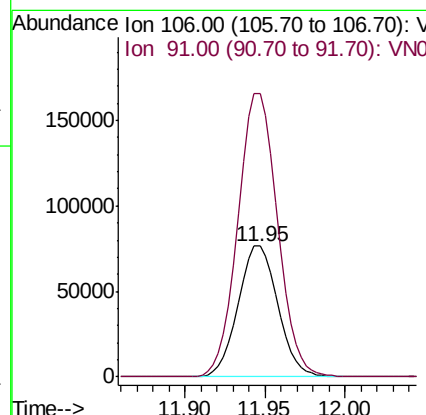
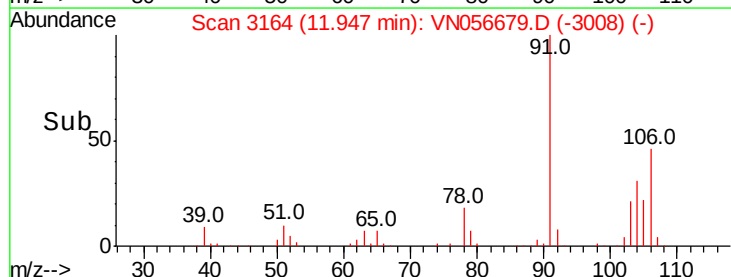
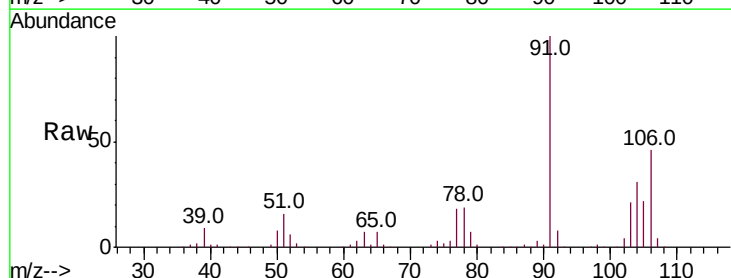
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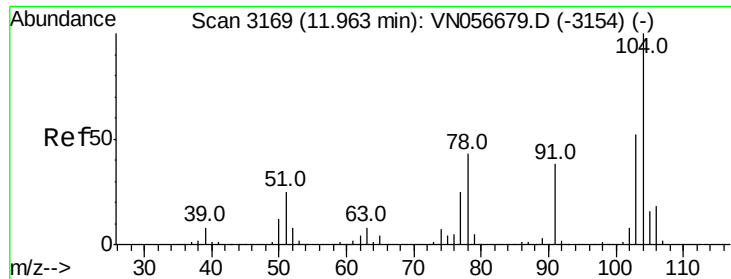
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#68
o-Xylene
Concen: 20.839 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion:106 Resp: 129712
Ion Ratio Lower Upper
106 100
91 216.1 108.1 324.2





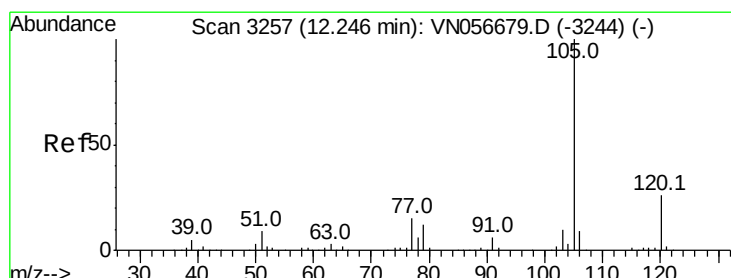
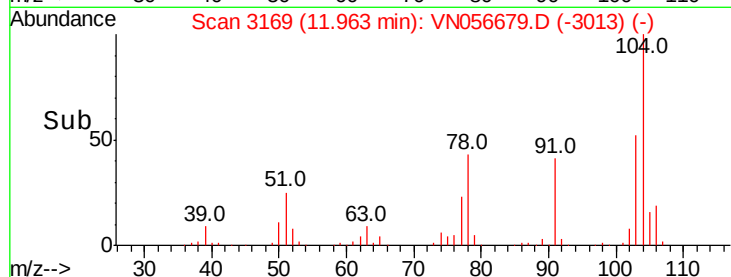
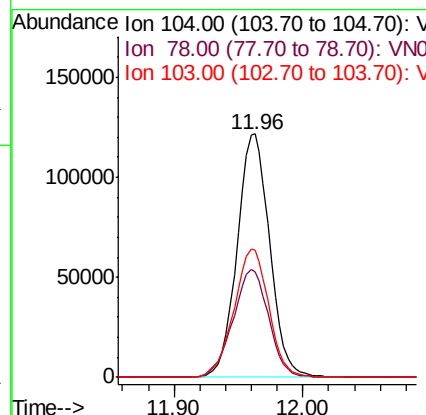
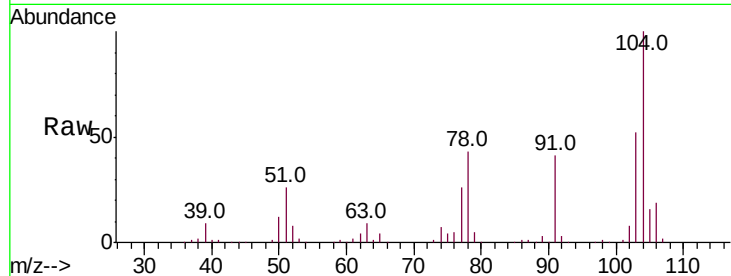
#69
Stvrene
Concen: 20.683 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.7	58.1
103	56.2	45.0	67.4

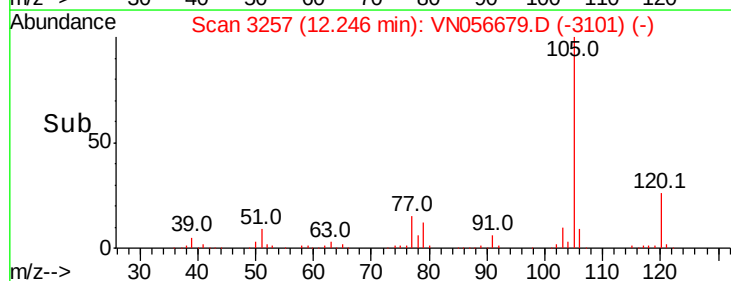
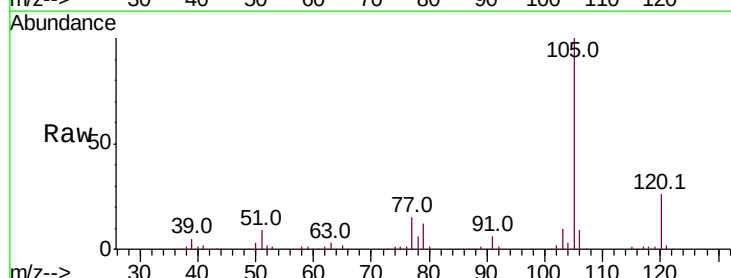
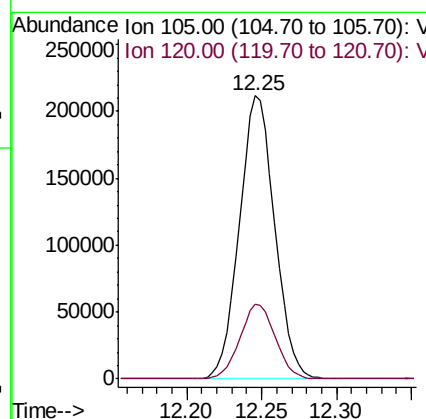
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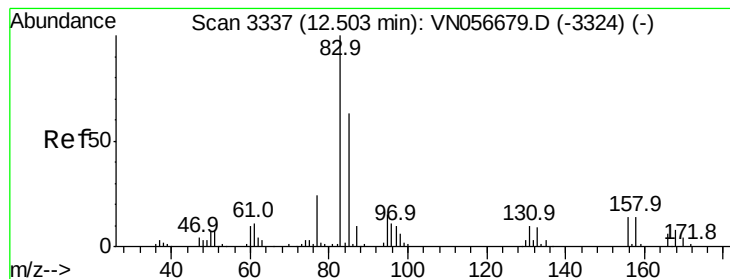
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#70
Isopropylbenzene
Concen: 21.302 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.6	34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 20.735 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

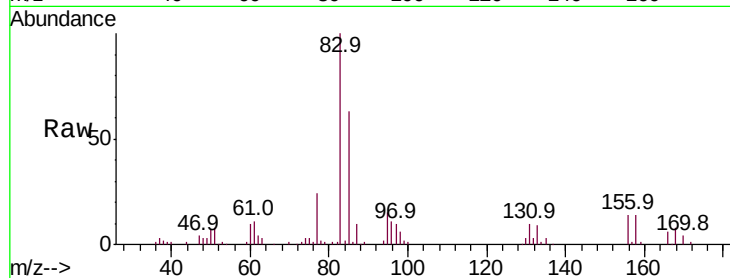
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	111151
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.8	31.9	95.7

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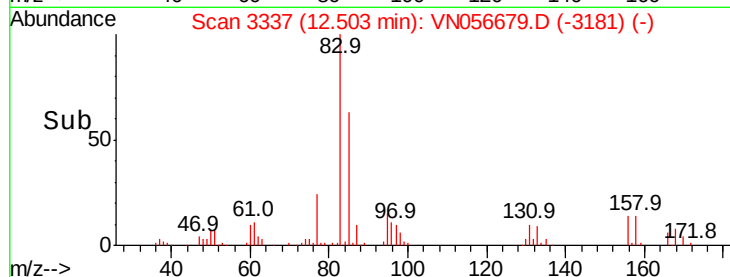


Abundance Ion 83.00 (82.70 to 83.70): VN056679.D (-3324) (-)

Ion 131.00 (130.70 to 131.70): VN056679.D (-3324) (-)

Ion 85.00 (84.70 to 85.70): VN056679.D (-3324) (-)

Time-->

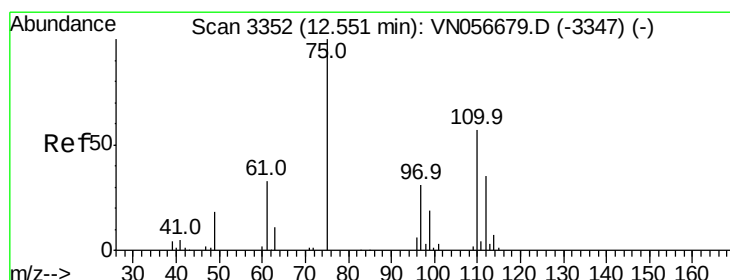


Abundance Ion 83.00 (82.70 to 83.70): VN056679.D (-3324) (-)

Ion 131.00 (130.70 to 131.70): VN056679.D (-3324) (-)

Ion 85.00 (84.70 to 85.70): VN056679.D (-3324) (-)

Time-->



#72

1,2,3-Trichloropropane

Concen: 21.327 ug/l m

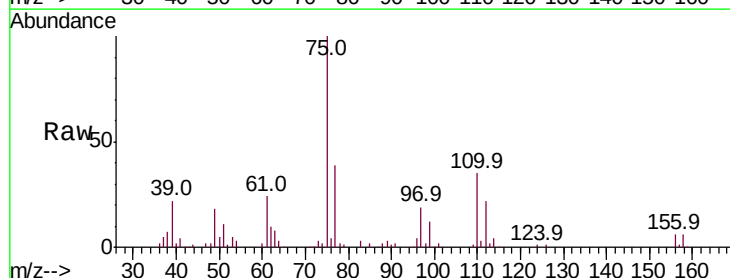
RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

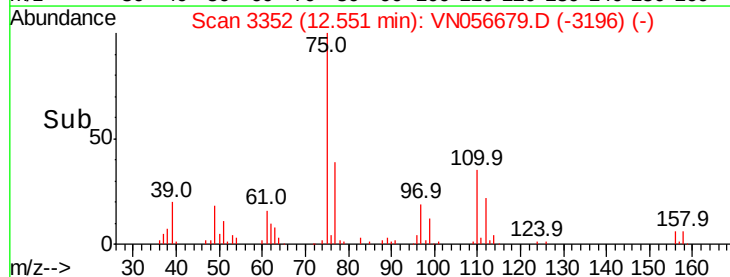
Tgt Ion:	75	Resp:	95912
Ion Ratio	Lower	Upper	
75	100		
77	177.2	0.0	352.2



Abundance Ion 75.00 (74.70 to 75.70): VN056679.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN056679.D (-3347) (-)

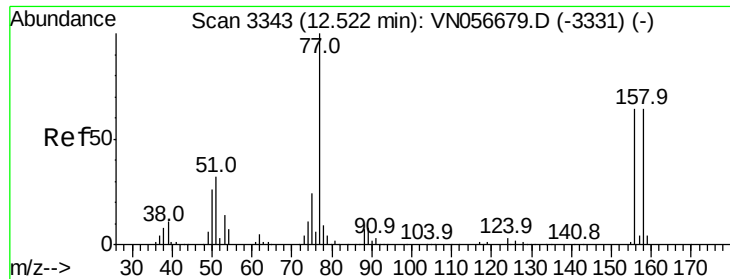
Time-->



Abundance Ion 75.00 (74.70 to 75.70): VN056679.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN056679.D (-3347) (-)

Time-->



#73

Bromobenzene

Concen: 21.155 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

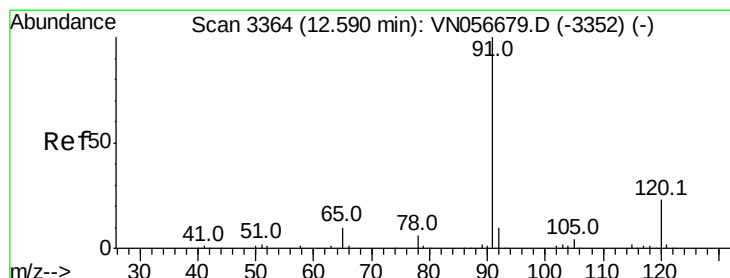
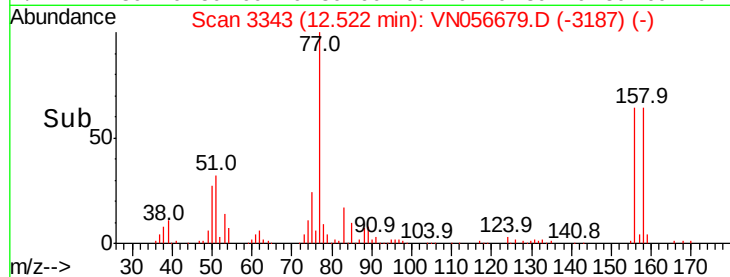
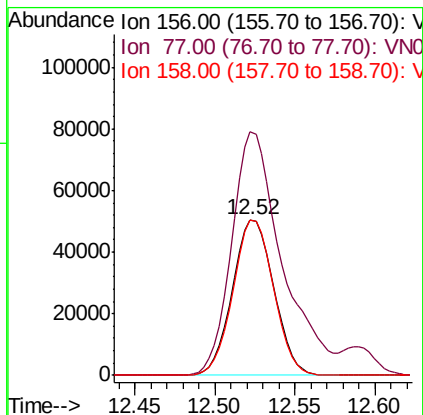
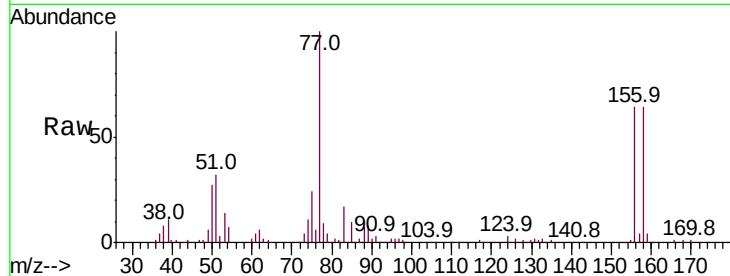
ClientSampleId :

VSTDICCC020

Tot Ion:	156	Resp:	89051
Ion Ratio	Lower	Upper	
156	100		
77	190.9	0.0	381.8
158	97.9	0.0	195.8

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#74

n-propylbenzene

Concen: 21.164 ug/l

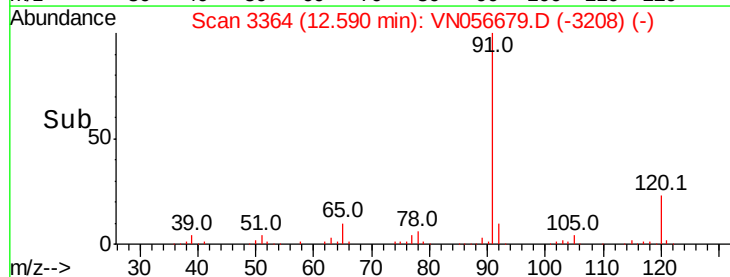
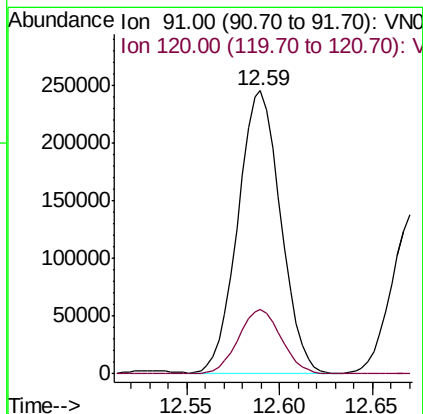
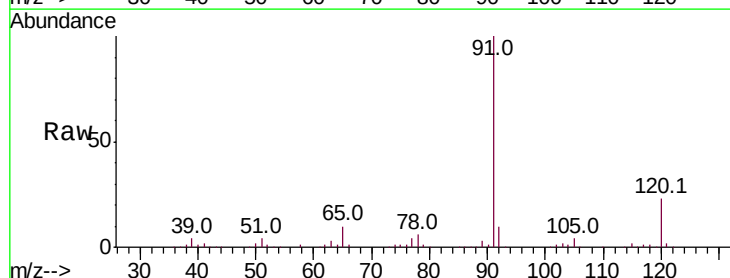
RT: 12.59 min Scan# 3364

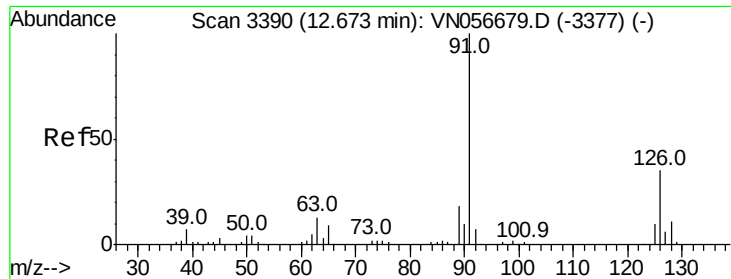
Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Tgt Ion:	91	Resp:	393389
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	45.6





#75

2-Chlorotoluene

Concen: 21.318 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion: 91 Resp: 236266

Ion Ratio Lower Upper

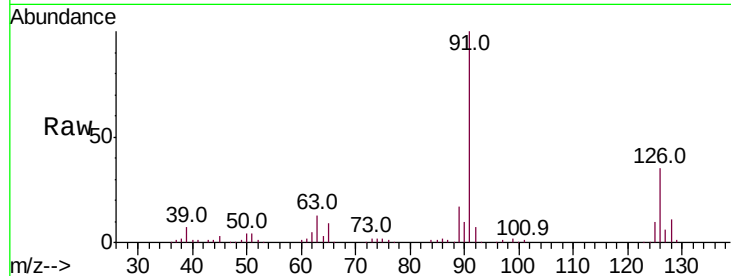
91 100

126 34.9 0.0 69.8

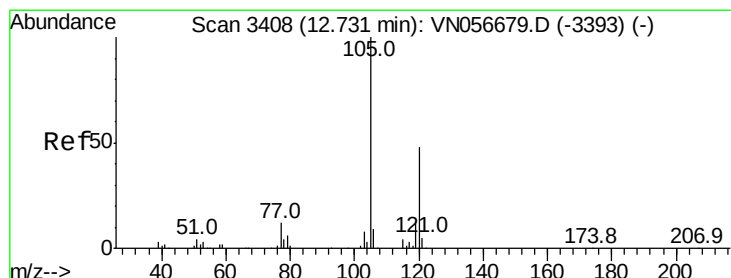
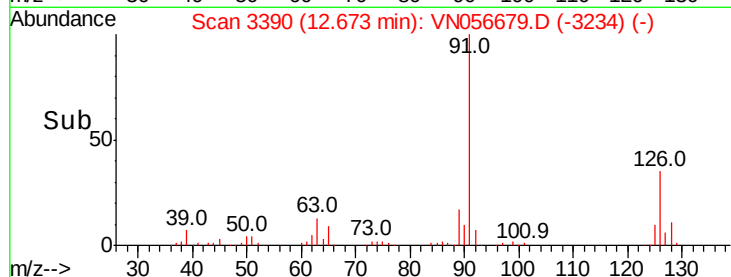
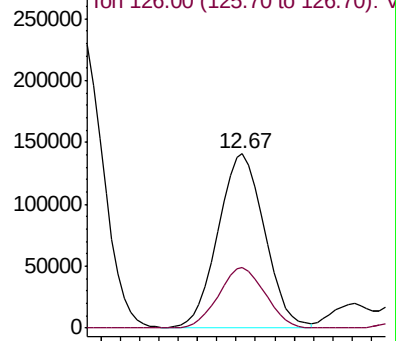
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Abundance Ion 91.00 (90.70 to 91.70): VN056679.D (-3377) (-)



#76

1,3,5-Trimethylbenzene

Concen: 21.642 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056679.D

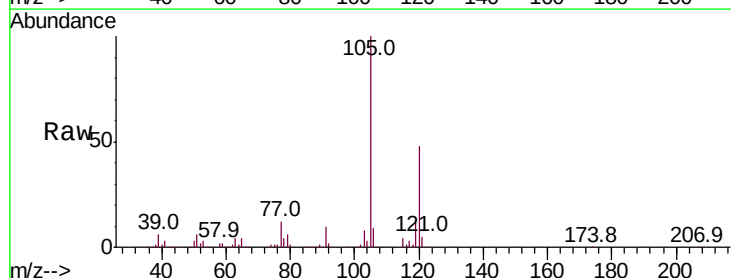
Acq: 12 Jul 2019 10:36

Tgt Ion: 105 Resp: 300593

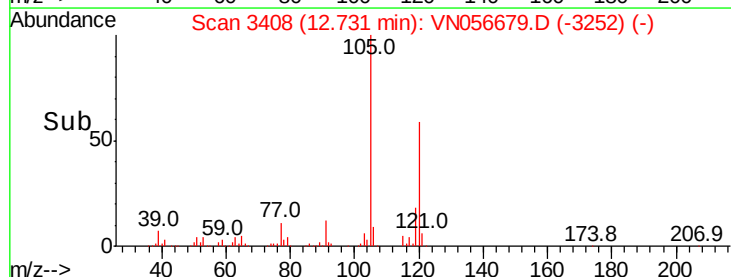
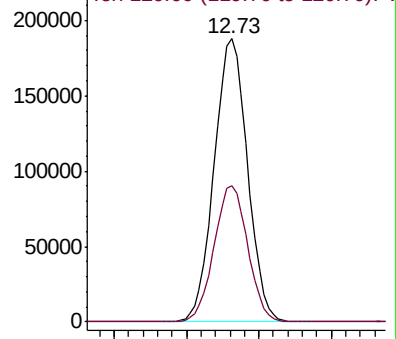
Ion Ratio Lower Upper

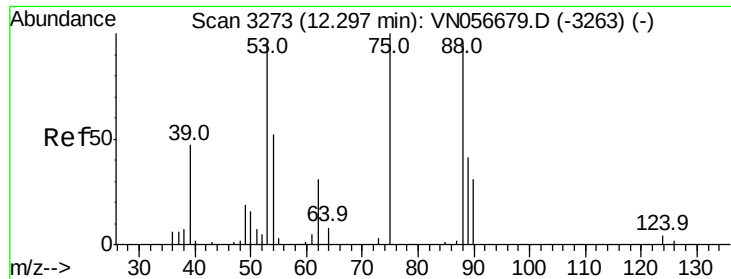
105 100

120 48.8 0.0 97.6



Abundance Ion 105.00 (104.70 to 105.70): VN056679.D (-3393) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.628 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 75 Resp: 28708

Ion Ratio Lower Upper

75 100

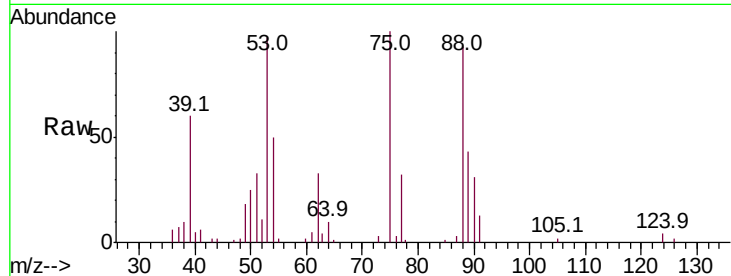
53 97.2 48.6 145.8

89 42.7 21.3 64.0

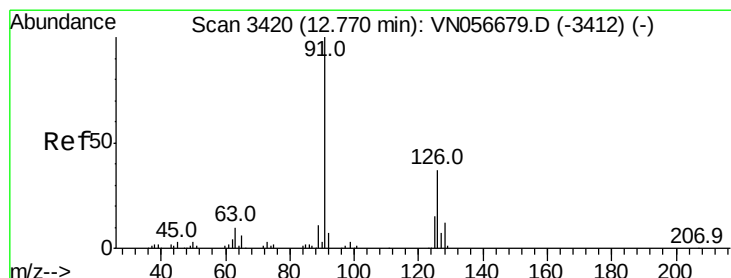
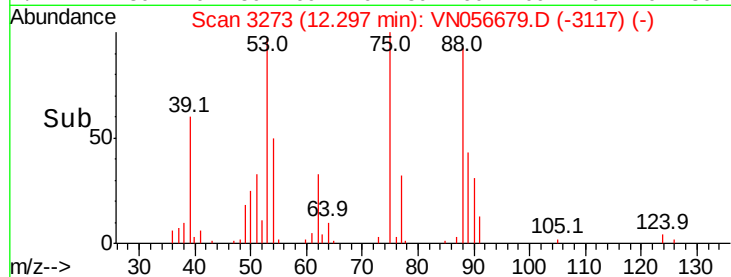
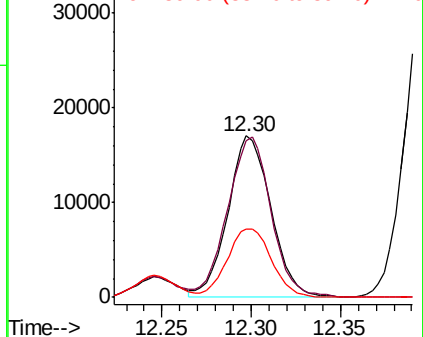
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Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 20.959 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056679.D

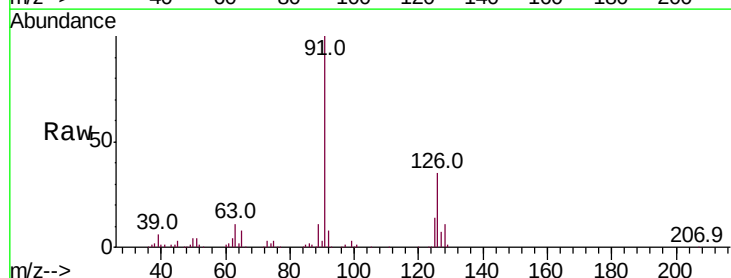
Acq: 12 Jul 2019 10:36

Tgt Ion: 91 Resp: 225426

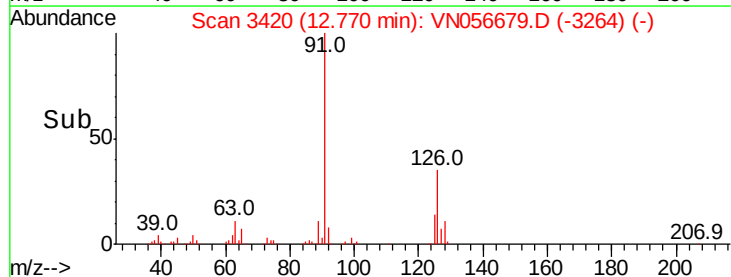
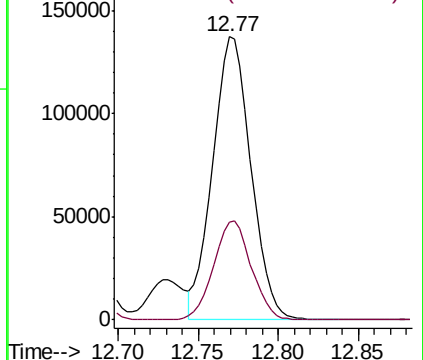
Ion Ratio Lower Upper

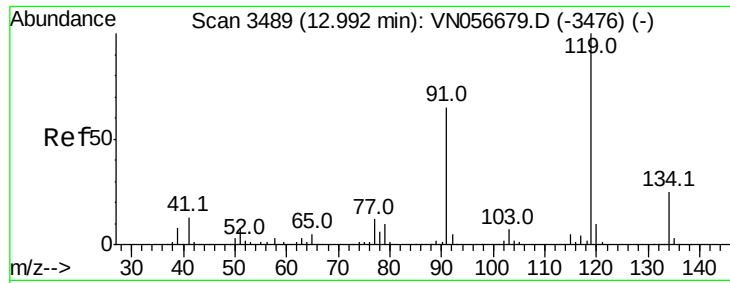
91 100

126 34.7 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V





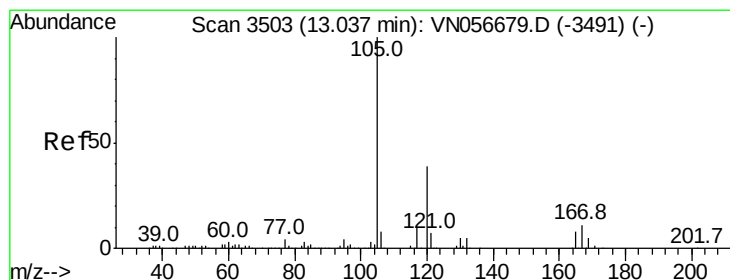
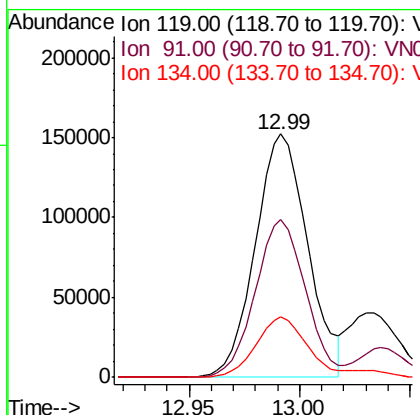
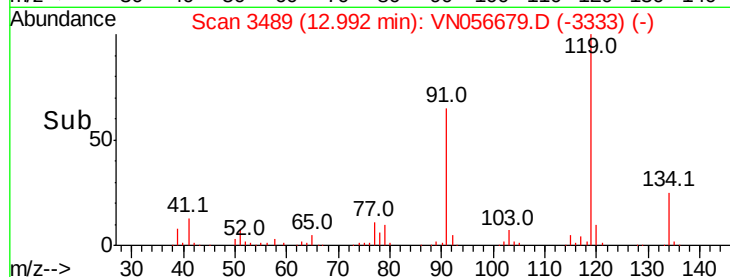
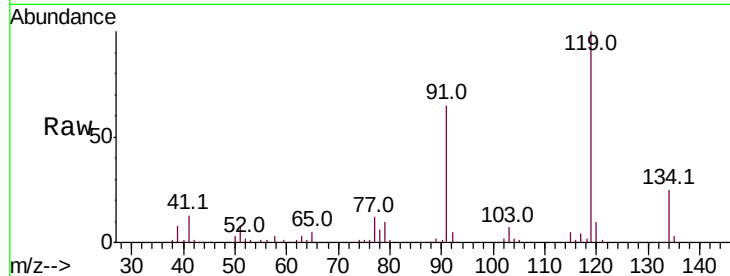
#79
tert-butylbenzene
Concen: 21.233 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	251115		
91	62.7	0.0	125.4	
134	24.2	0.0	48.4	

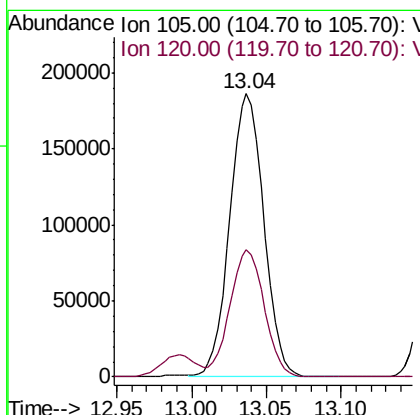
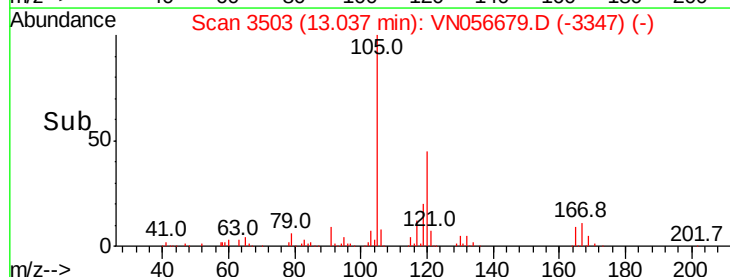
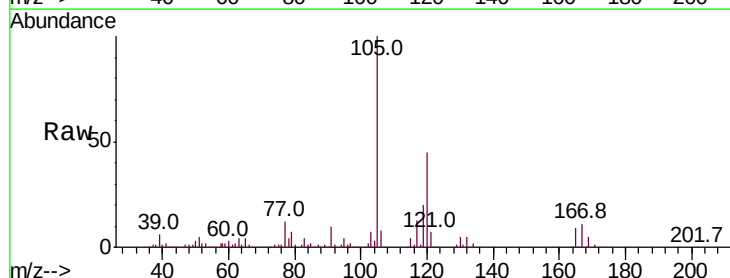
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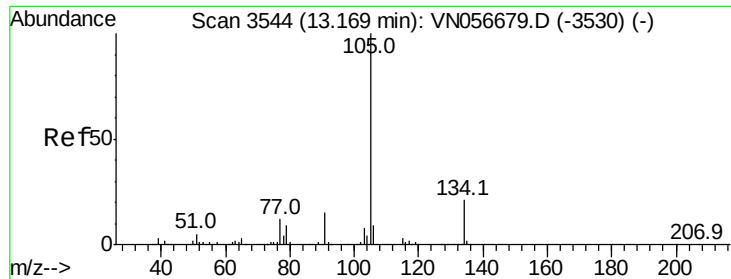
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 21.500 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056679.D
Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	295043		
120	45.6	0.0	91.2	





#81

sec-Butylbenzene

Concen: 21.268 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:105 Resp: 333973

Ion Ratio Lower Upper

105 100

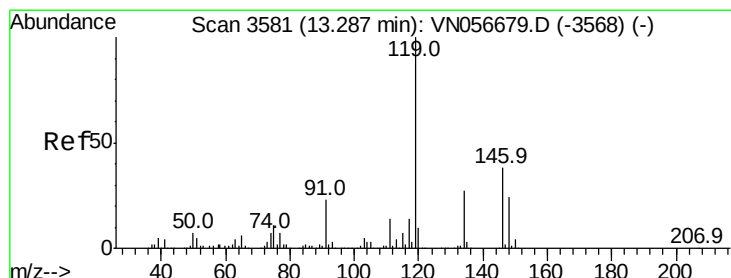
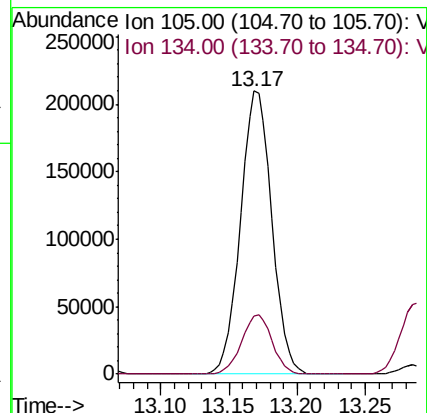
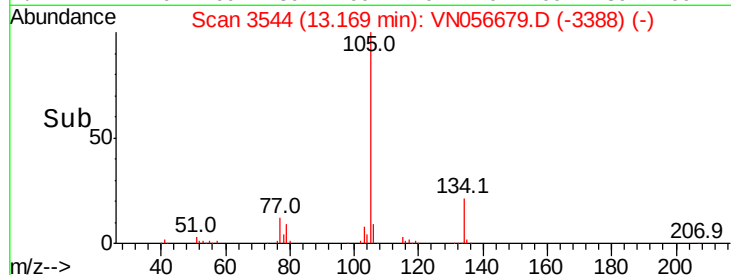
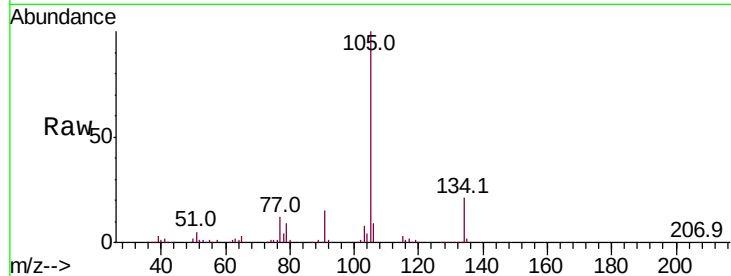
134 20.4 0.0 40.8

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#82

p-Isopropyltoluene

Concen: 21.528 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

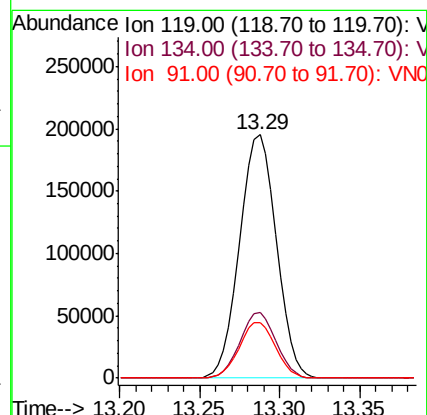
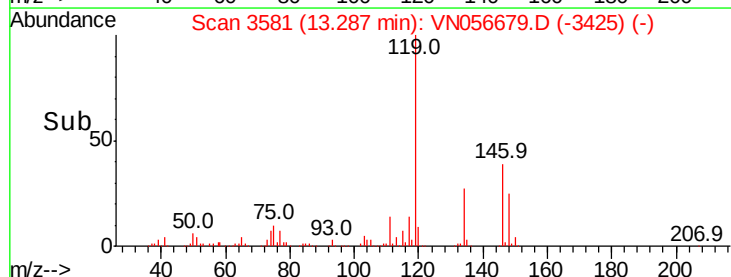
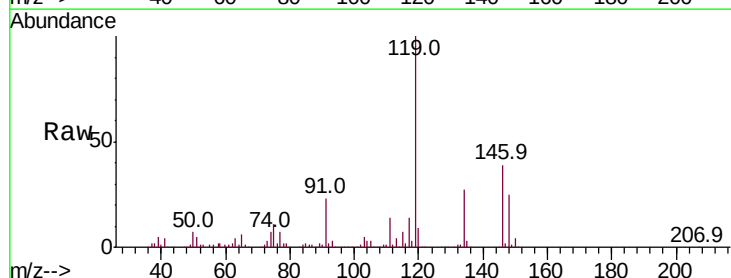
Tgt Ion:119 Resp: 305347

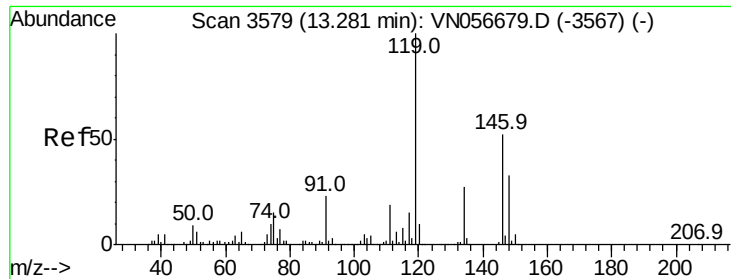
Ion Ratio Lower Upper

119 100

134 26.4 0.0 52.8

91 22.7 0.0 45.4





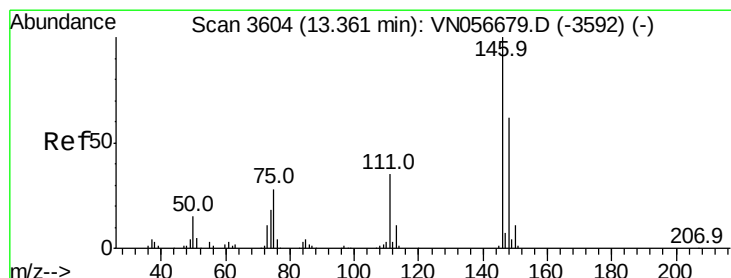
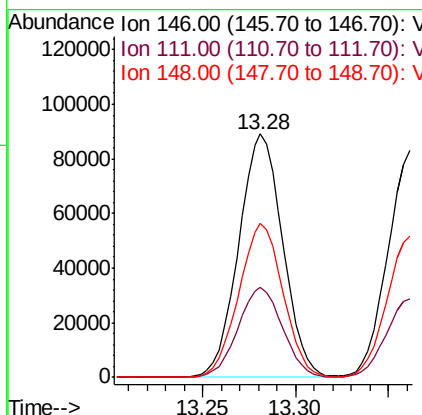
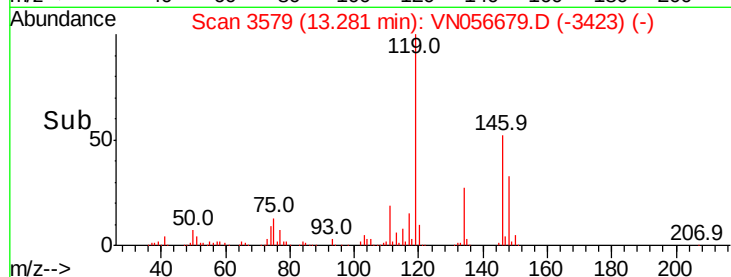
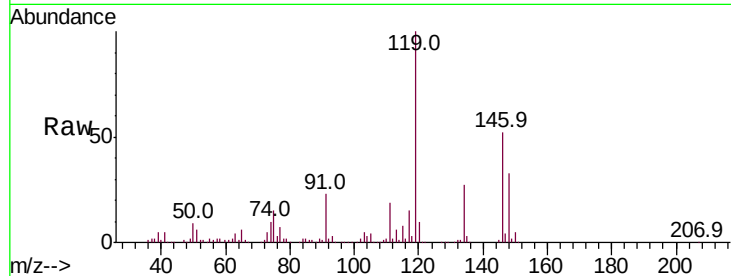
#83
 1,3-Dichlorobenzene
 Concen: 20.883 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.6	31.8	95.4

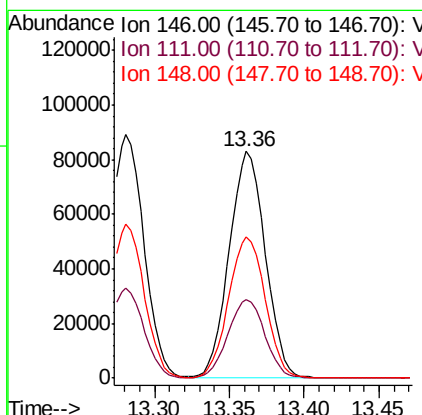
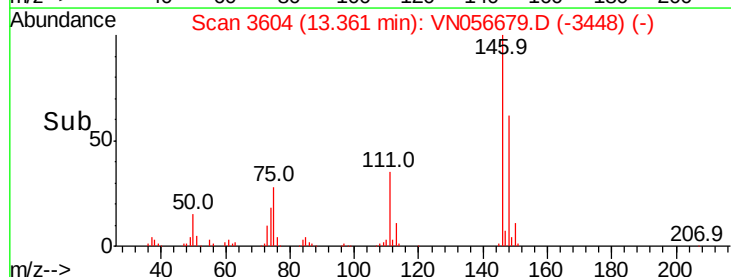
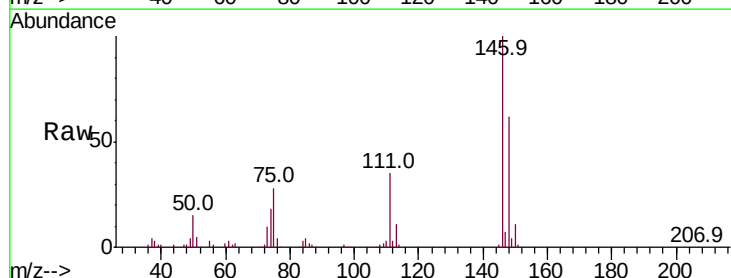
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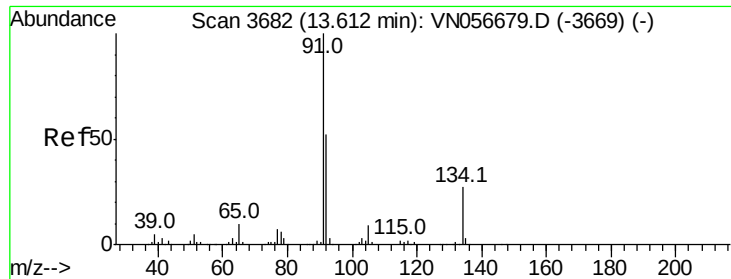
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#84
 1,4-Dichlorobenzene
 Concen: 20.626 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.8	53.4
148	63.7	31.9	95.5





#85

n-Butylbenzene

Concen: 20.538 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

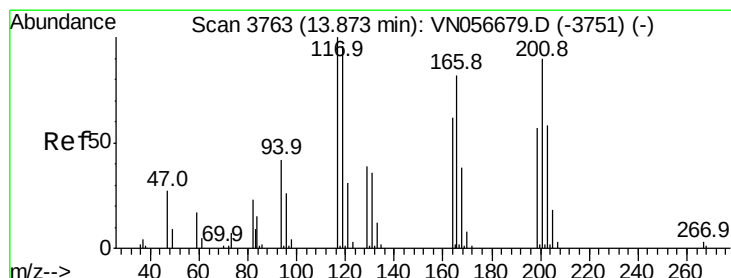
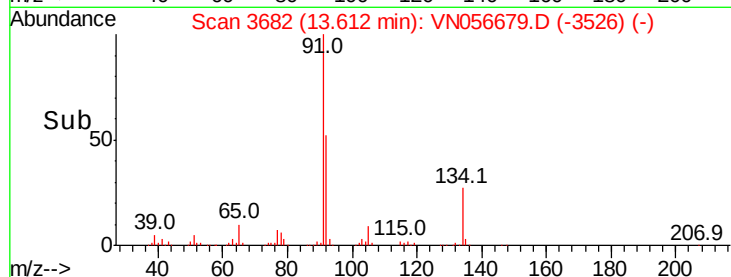
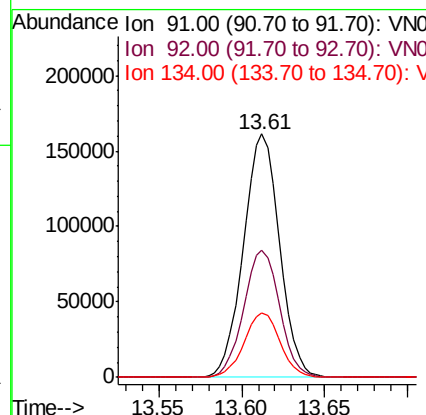
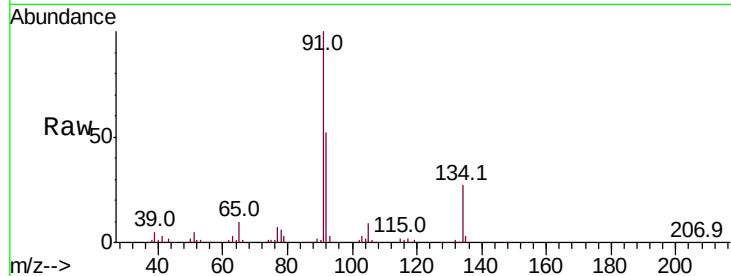
ClientSampleId :

VSTDICCC020

Tot Ion:	91	Resp:	243786
Ion	Ratio	Lower	Upper
91	100		
92	52.0	0.0	104.0
134	26.6	0.0	53.2

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#86

Hexachloroethane

Concen: 21.175 ug/l

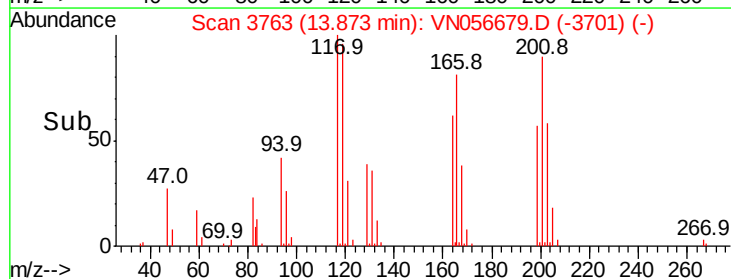
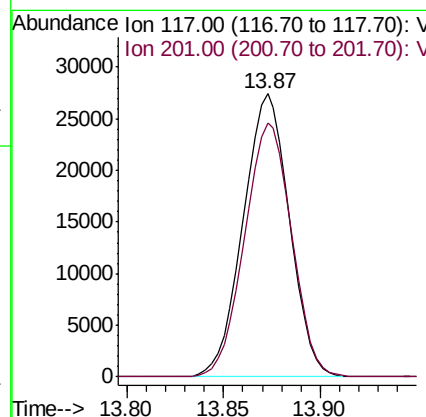
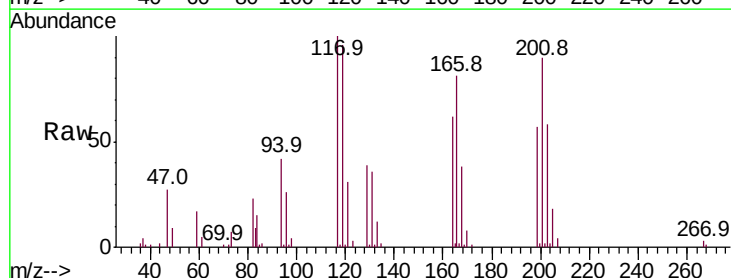
RT: 13.87 min Scan# 3763

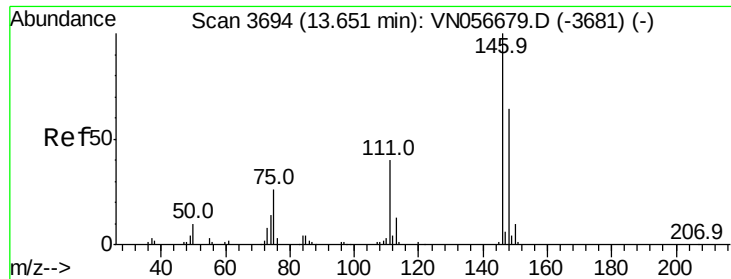
Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Tgt Ion:	117	Resp:	45680
Ion	Ratio	Lower	Upper
117	100		
201	91.1	45.6	136.7





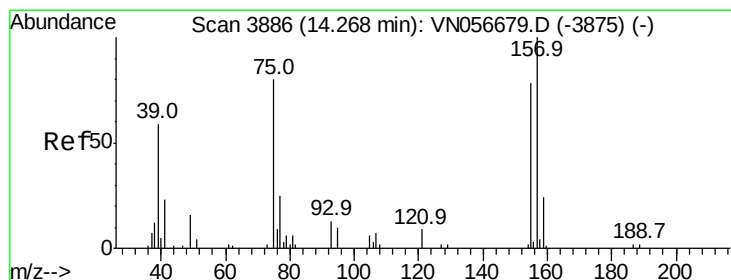
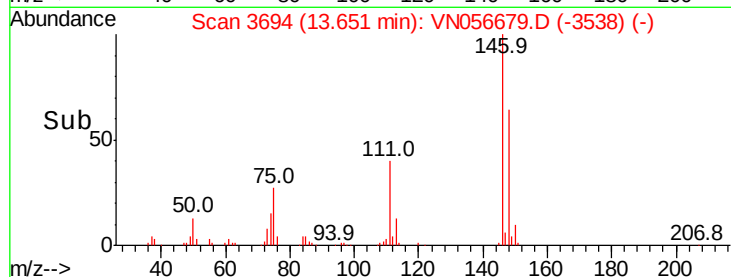
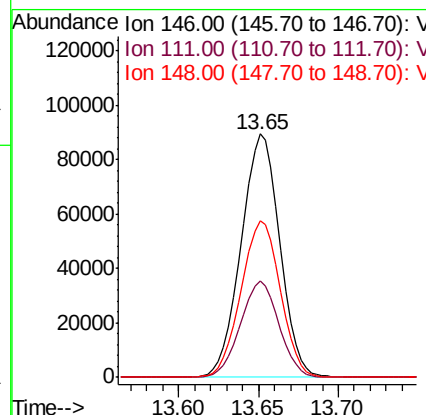
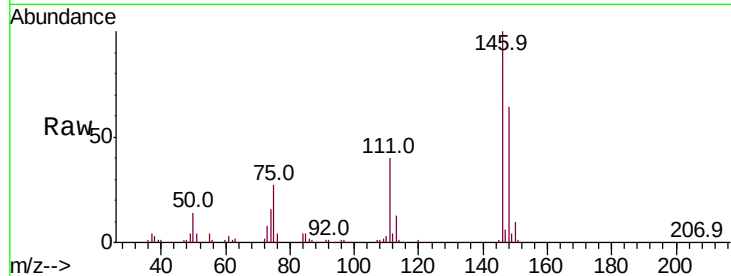
#87
 1,2-Dichlorobenzene
 Concen: 20.847 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	65.4	32.7	98.1

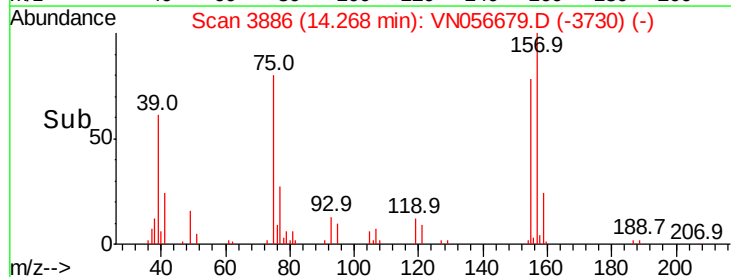
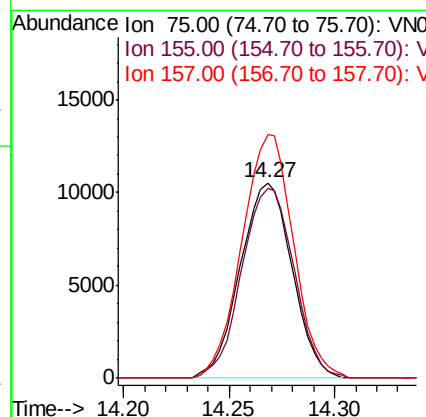
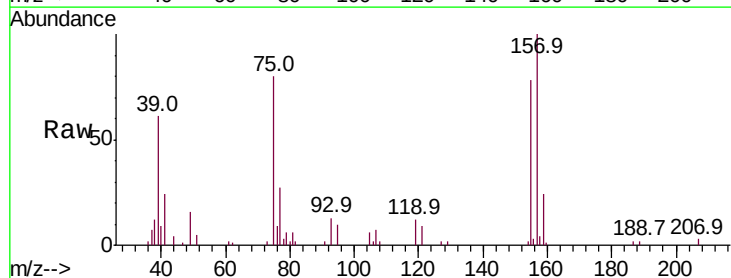
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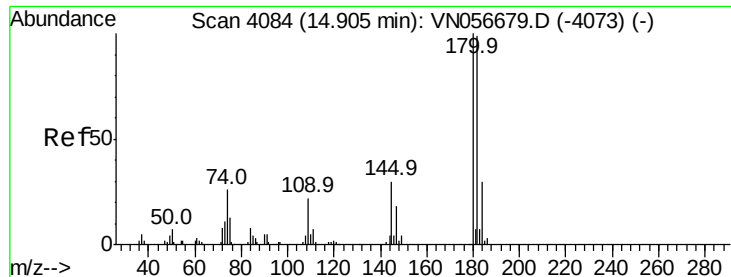
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.850 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	78.6	117.8
157	124.1	99.3	148.9





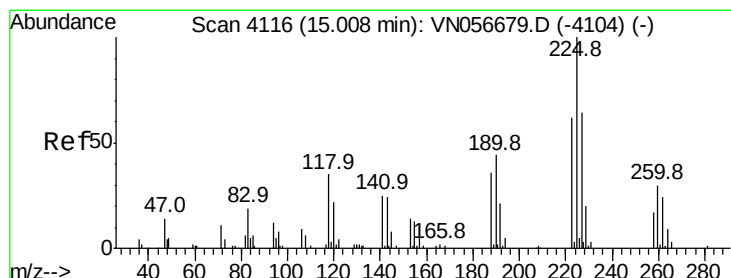
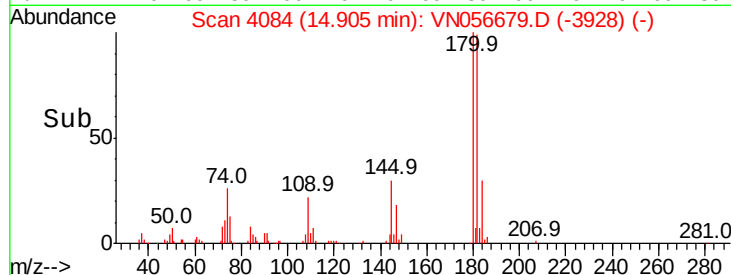
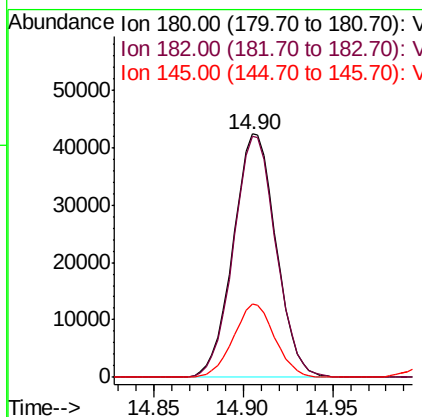
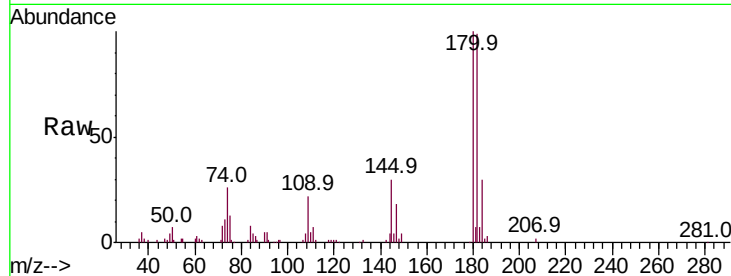
#89
 1,2,4-Trichlorobenzene
 Concen: 18.248 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	78.2	117.4
145	29.0	23.2	34.8

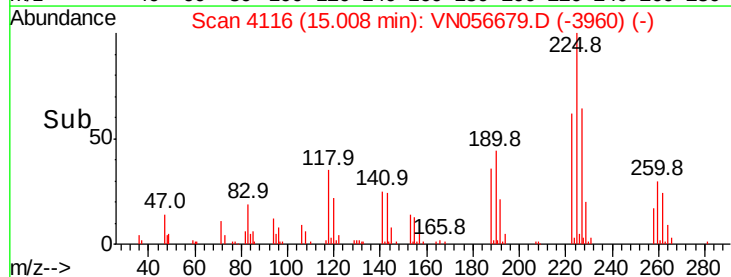
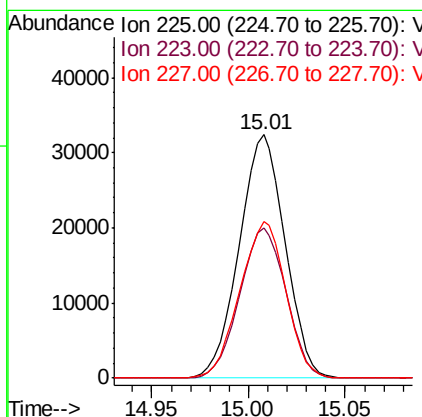
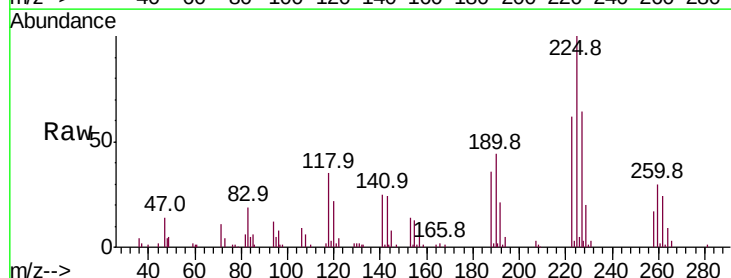
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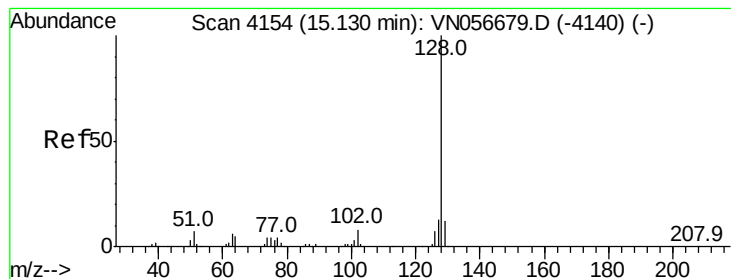
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#90
 Hexachlorobutadiene
 Concen: 21.743 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056679.D
 Acq: 12 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	124.6
227	64.3	0.0	128.6





#91

Naphthalene

Concen: 16.592 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Instrument :

MSVOA_N

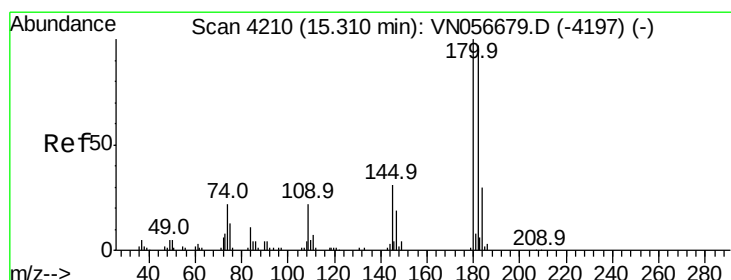
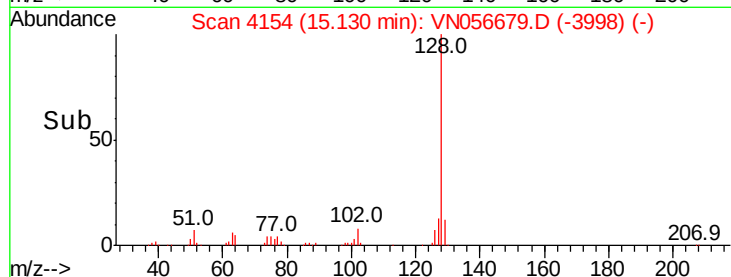
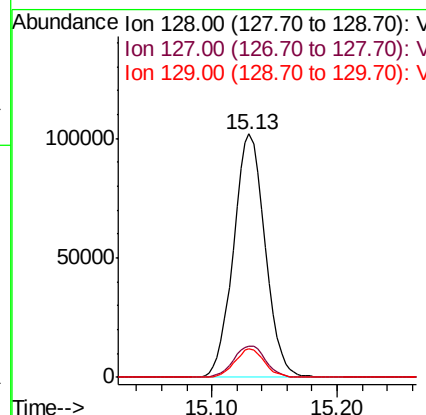
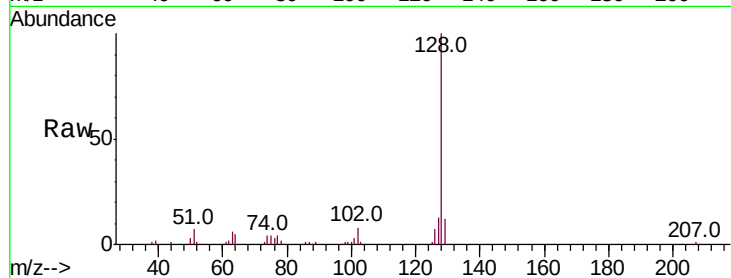
ClientSampleId :

VSTDICCC020

Tot Ion:	128	Resp:	178026
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.8	13.2

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#92

1,2,3-Trichlorobenzene

Concen: 18.610 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056679.D

Acq: 12 Jul 2019 10:36

Tgt Ion:	180	Resp:	75925
Ion Ratio	Lower	Upper	
180	100		
182	96.2	0.0	192.4
145	30.2	0.0	60.4

