

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056806.D
 Acq On : 18 Jul 2019 11:42
 Operator : JC/SP
 Sample : VN0718WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0718WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 11:31:35 PM

Quant Time: Jul 19 05:48:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	50117	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	277204	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	241019	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	101571	29.92	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.73%
60) 4-Bromofluorobenzene	12.40	95	109615	29.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.07%
63) Toluene-d8	10.09	98	337065	30.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	58540	20.556	ug/l 97
3) Chloromethane	2.06	50	78075	20.499	ug/l 98
4) Vinyl Chloride	2.18	62	75494	20.152	ug/l 98
5) Bromomethane	2.55	94	46459	19.676	ug/l 98
6) Chloroethane	2.70	64	43289	20.224	ug/l 98
7) Trichlorofluoromethane	3.01	101	98140	20.426	ug/l 99
8) Diethyl Ether	3.41	74	39585	20.146	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	60799	20.292	ug/l 98
10) 1,1-Dichloroethene	3.73	96	58108	19.659	ug/l 94
11) Methyl Iodide	3.95	142	72485	18.453	ug/l 99
12) Methyl Acetate	4.33	43	73755	18.640	ug/l 100
13) Acrolein	3.61	56	31912	114.397	ug/l 98
14) Acrylonitrile	4.99	53	171146	98.191	ug/l 100
15) Acetone	3.82	58	51825	86.137	ug/l 98
16) Carbon Disulfide	4.05	76	146809	18.831	ug/l 99
17) Allyl chloride	4.32	41	99441	19.232	ug/l 96
18) Methylene Chloride	4.55	84	70461	20.304	ug/l 97
19) trans-1,2-Dichloroethene	5.04	96	62486	19.747	ug/l 98
20) Diisopropyl ether	5.95	45	206284	20.022	ug/l 99
21) 1,1-Dichloroethane	5.85	63	119111	20.234	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	73760	19.934	ug/l 98
23) tert-Butyl Alcohol	4.79	59	58720	96.576	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	189292	20.078	ug/l 99
25) Chloroform	7.37	83	117762	20.534	ug/l 97
26) Cyclohexane	7.65	56	107084	19.571	ug/l # 98
29) 1,1-Dichloropropene	7.79	75	85604	19.427	ug/l 99
30) 2-Butanone	6.84	43	232428	91.106	ug/l 99
31) 2,2-Dichloropropane	6.83	77	83695	19.626	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	94777	20.179	ug/l 99
33) Carbon Tetrachloride	7.78	117	80733	19.974	ug/l 98
34) Benzene	8.04	78	273270	20.184	ug/l 100
35) Methacrylonitrile	7.18	41	44053	22.603	ug/l 90
36) 1,2-Dichloroethane	8.12	62	87726	20.171	ug/l 98
37) Trichloroethene	8.84	130	73370	19.954	ug/l 95
38) Methylcyclohexane	9.08	83	106077	19.056	ug/l 99
39) 1,2-Dichloropropane	9.12	63	73363	20.188	ug/l 99
40) Dibromomethane	9.21	93	47210	20.396	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	85567	20.058	ug/l	99
42) Vinyl Acetate	5.90	43	852314	100.381	ug/l	100
43) Ethyl Acetate	6.93	43	89478	19.409	ug/l	96
44) Isopropyl Acetate	8.17	43	141860	19.729	ug/l #	88
45) 1,4-Dioxane	9.20	88	27081	372.274	ug/l	97
46) Methyl methacrylate	9.20	41	69055	19.990	ug/l	97
47) n-amyl Acetate	12.07	43	110733	18.830	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	89456	19.064	ug/l	96
49) cis-1,3-Dichloropropene	9.84	75	103468	19.546	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	68859	20.419	ug/l	98
51) Ethyl methacrylate	10.43	69	102728	19.805	ug/l	98
52) 1,3-Dichloropropane	10.71	76	115690	20.503	ug/l	99
53) Dibromochloromethane	10.90	129	67490	19.802	ug/l	100
54) 1,2-Dibromoethane	11.00	107	70814	20.205	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	225772	90.009	ug/l	99
56) Bromoform	12.12	173	47585	18.860	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	461764	101.792	ug/l	100
59) 2-Hexanone	10.75	43	326737	94.887	ug/l	99
61) Tetrachloroethene	10.63	164	74326	21.461	ug/l	98
62) Toluene	10.16	91	290823	20.544	ug/l	99
64) Chlorobenzene	11.43	112	174669	20.230	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	65003	20.535	ug/l	99
66) Ethyl Benzene	11.51	91	307350	20.086	ug/l	100
67) m/p-Xylenes	11.62	106	232412	40.246	ug/l	99
68) o-Xylene	11.95	106	114051	20.249	ug/l	98
69) Styrene	11.96	104	184457	19.764	ug/l	100
70) Isopropylbenzene	12.25	105	301340	20.410	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	97145	20.272	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	93361m	22.795	ug/l	
73) Bromobenzene	12.53	156	78506	20.348	ug/l	98
74) n-propylbenzene	12.59	91	326947	19.628	ug/l	100
75) 2-Chlorotoluene	12.67	91	199313	19.868	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	254342	20.197	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	24814	18.226	ug/l	99
78) 4-Chlorotoluene	12.77	91	189476	19.477	ug/l	99
79) tert-butylbenzene	12.99	119	216352	20.196	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	253661	20.311	ug/l	100
81) sec-Butylbenzene	13.17	105	278655	19.651	ug/l	100
82) p-Isopropyltoluene	13.29	119	254085	19.703	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	124020	19.287	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	115671	18.766	ug/l	99
85) n-Butylbenzene	13.61	91	192988	18.143	ug/l	99
86) Hexachloroethane	13.87	117	39369	19.457	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	125658	19.445	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	15423	18.655	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	54000	15.536	ug/l	99
90) Hexachlorobutadiene	15.01	225	43337	19.176	ug/l	98
91) Naphthalene	15.13	128	135287	14.471	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	59342	16.282	ug/l	100

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Instrument :
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Manual Integrations
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QLast Update : Fri Jul 12 23:58:13 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

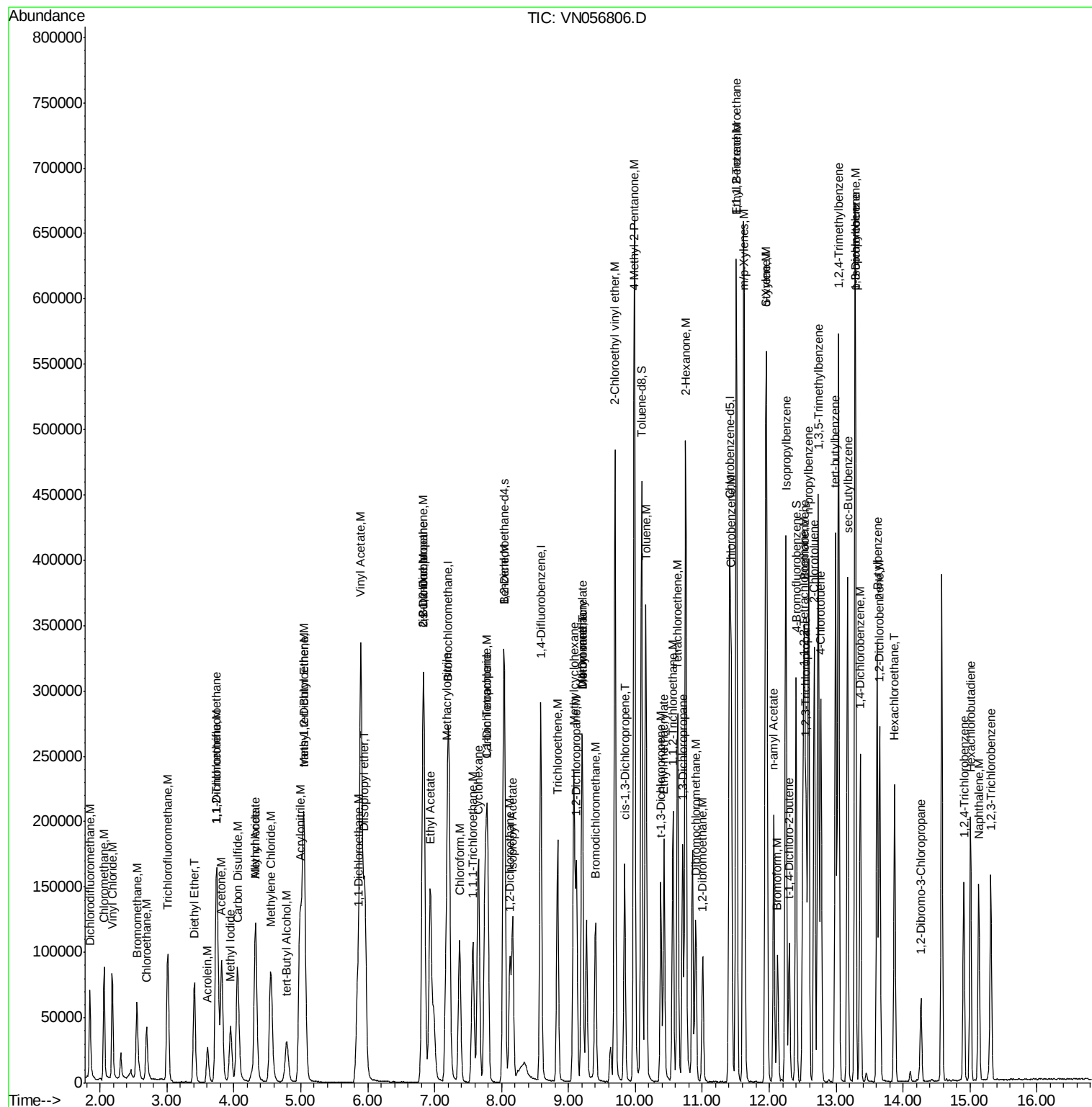
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
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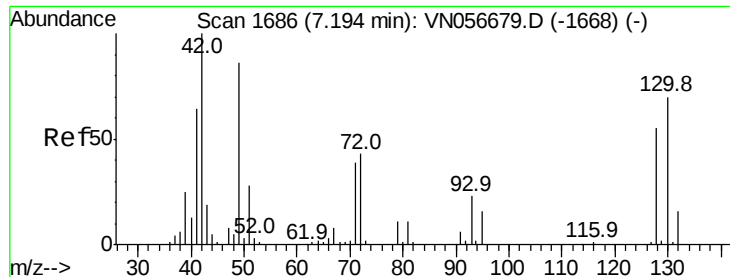
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0718WBSD01

Manual Integrations
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 7/19/2019 11:31:35 PM

Quant Time: Jul 19 05:48:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
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 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

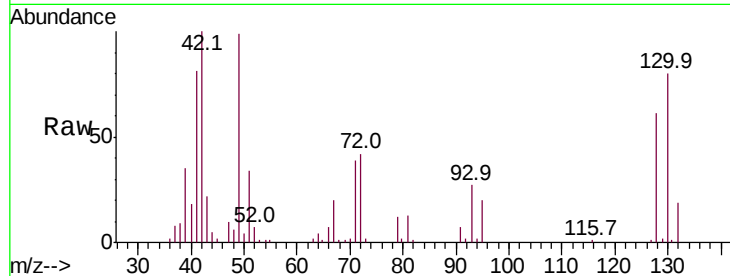
ClientSampleId :

VN0718WBSD01

Tot Ion:	128	Resp:	50117
Ion	Ratio	Lower	Upper
128	100		
49	160.7	0.0	390.5
130	129.0	0.0	316.5

Manual Integrations
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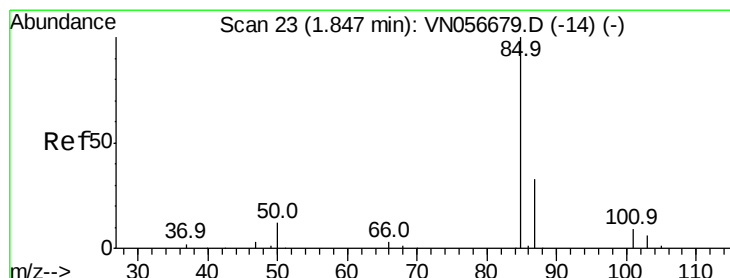
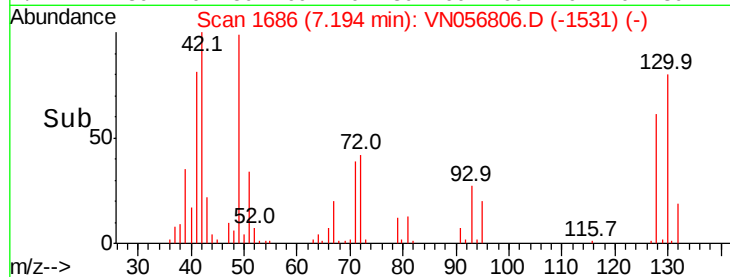
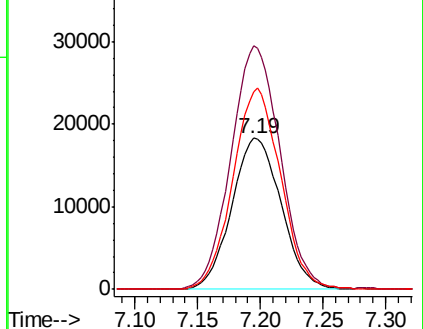
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.556 ug/l

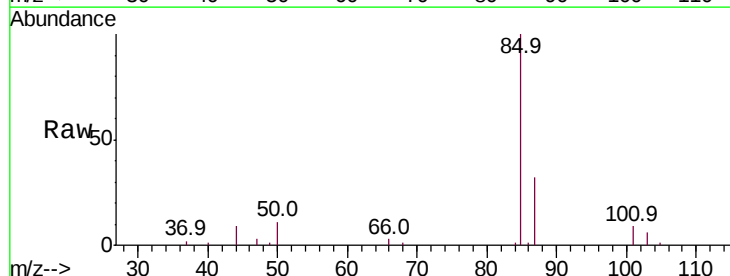
RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056806.D

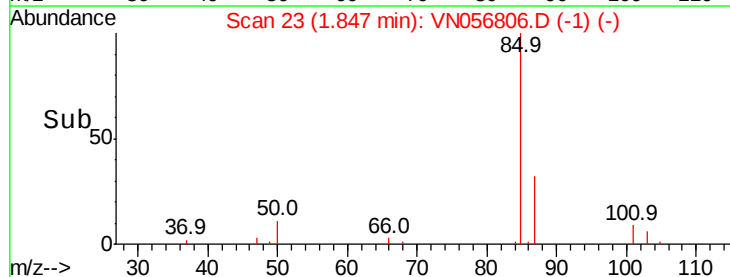
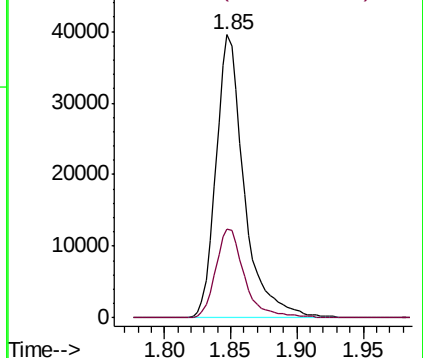
Acq: 18 Jul 2019 11:42

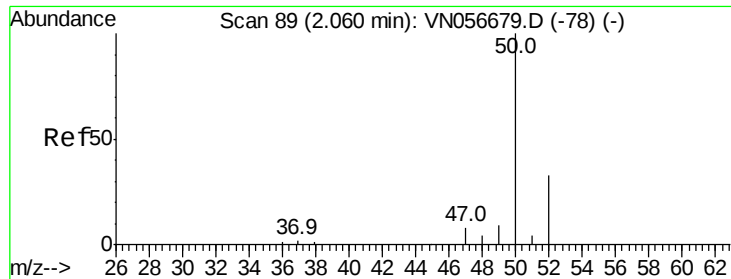
Tgt Ion:	85	Resp:	58540
Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.8	50.3



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.499 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tot Ion: 50 Resp: 78075

Ion Ratio Lower Upper

50 100

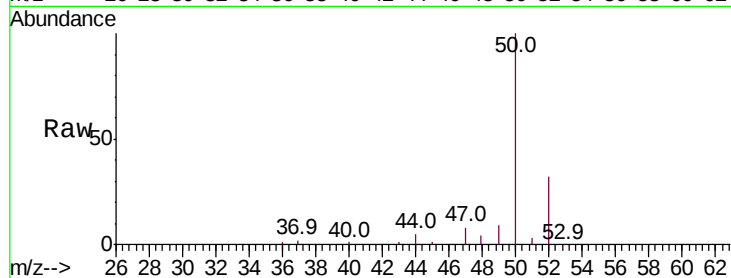
52 31.8 26.5 39.7

Manual Integrations

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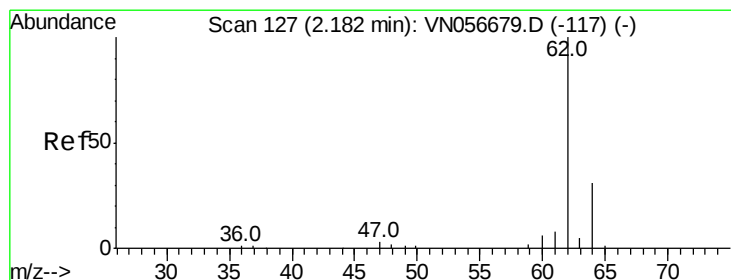
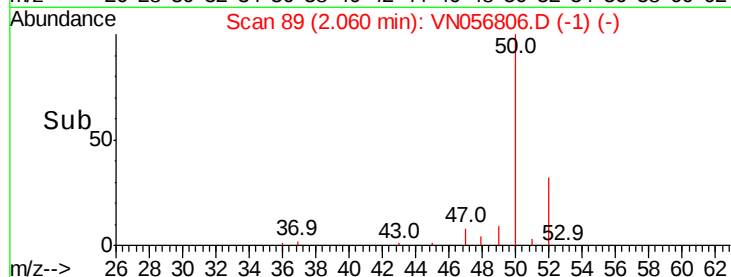
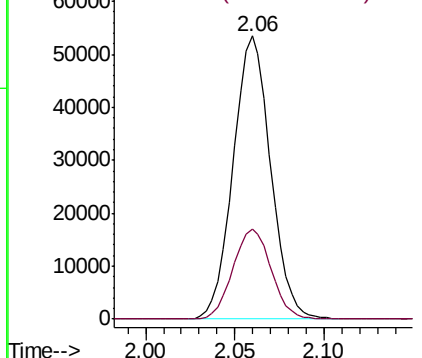
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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.152 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056806.D

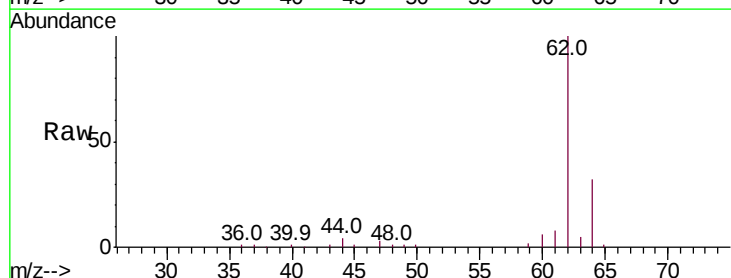
Acq: 18 Jul 2019 11:42

Tgt Ion: 62 Resp: 75494

Ion Ratio Lower Upper

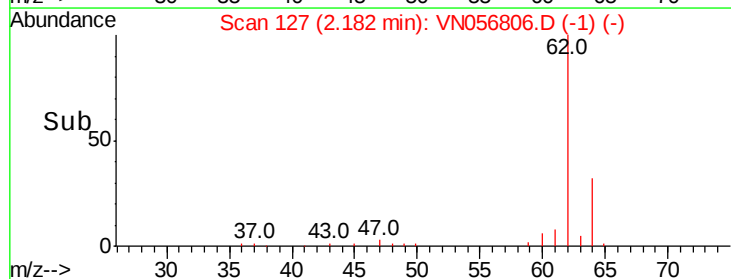
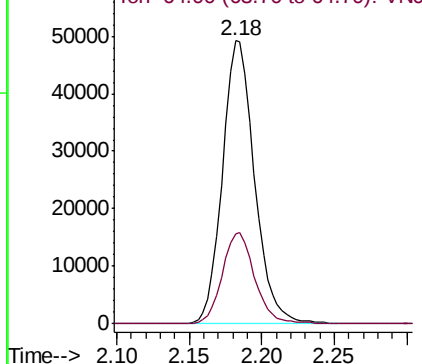
62 100

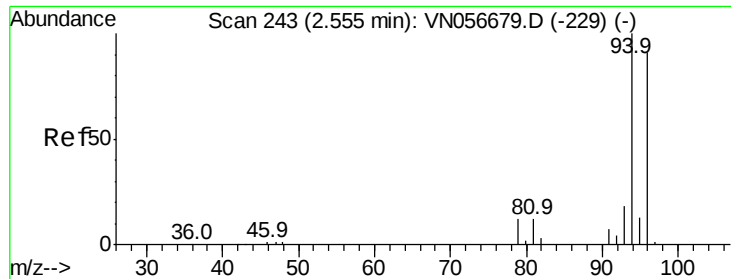
64 32.0 25.0 37.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 19.676 ug/l

RT: 2.55 min Scan# 242

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tot Ion: 94 Resp: 46459

Ion Ratio Lower Upper

94 100

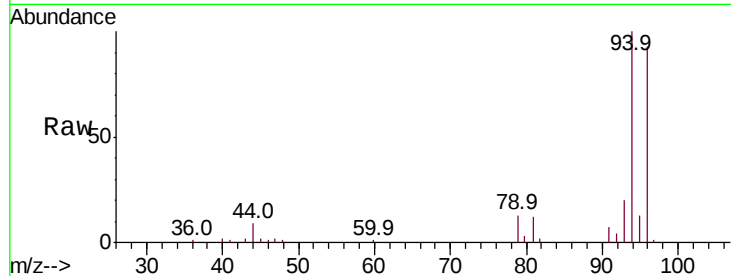
96 93.2 72.8 109.2

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN056679.D (-229) (-)

Ion 96.00 (95.70 to 96.70): VN056679.D (-229) (-)

25000

20000

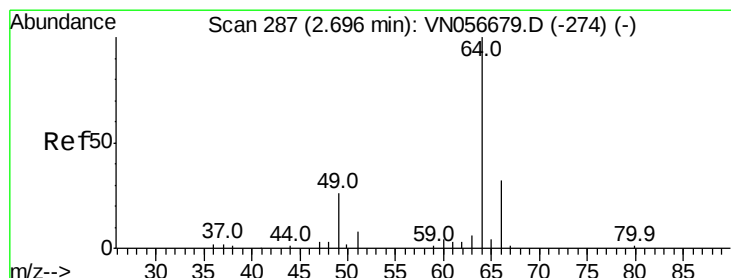
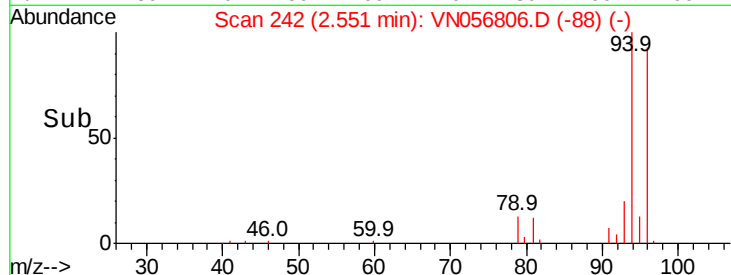
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.224 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN056806.D

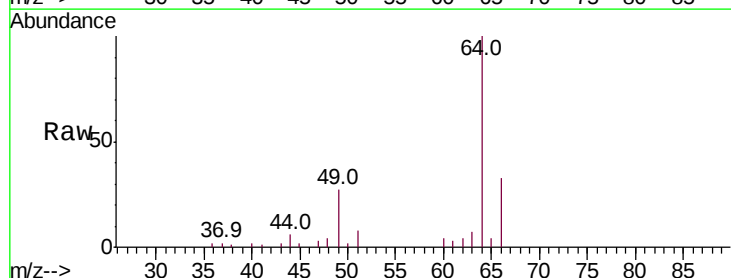
Acq: 18 Jul 2019 11:42

Tgt Ion: 64 Resp: 43289

Ion Ratio Lower Upper

64 100

66 33.1 25.7 38.5



Abundance Ion 64.00 (63.70 to 64.70): VN056679.D (-274) (-)

Ion 66.00 (65.70 to 66.70): VN056679.D (-274) (-)

20000

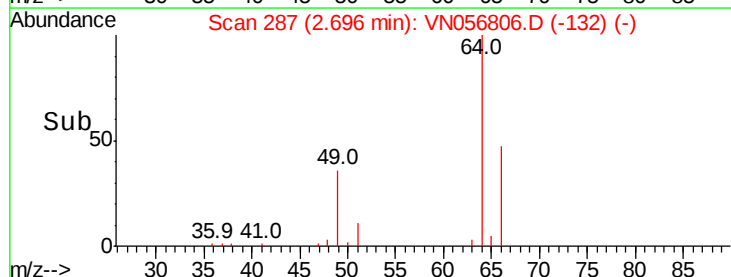
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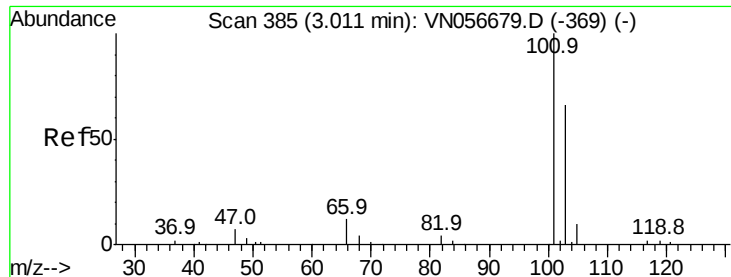
10000

5000

0

Time-->





#7

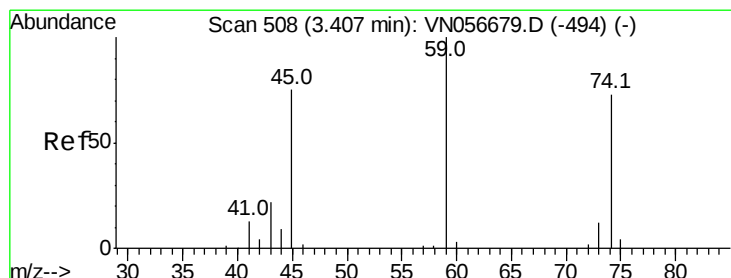
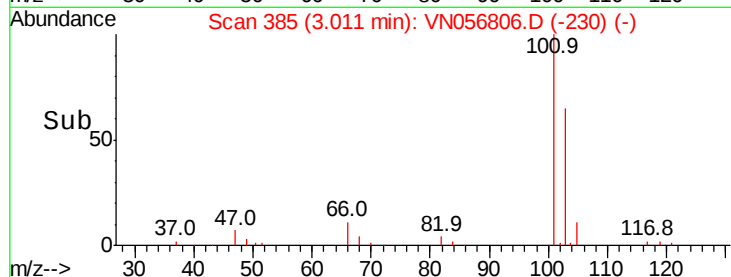
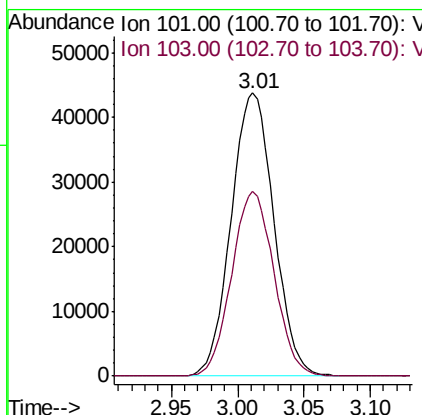
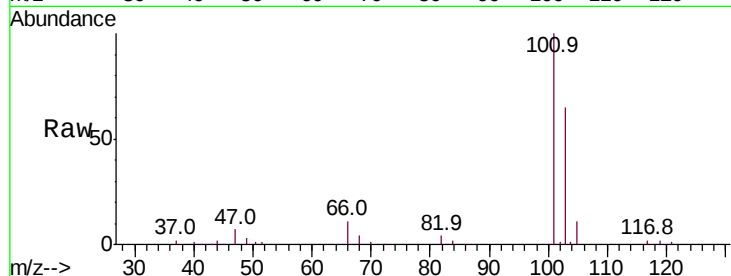
Trichlorofluoromethane
 Concen: 20.426 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
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Tot Ion:101 Resp: 98140
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2

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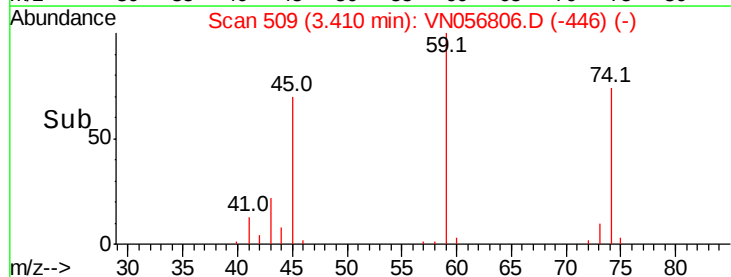
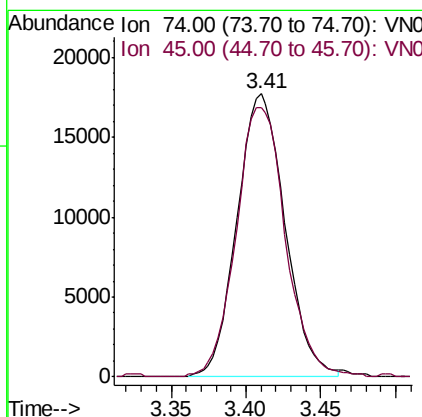
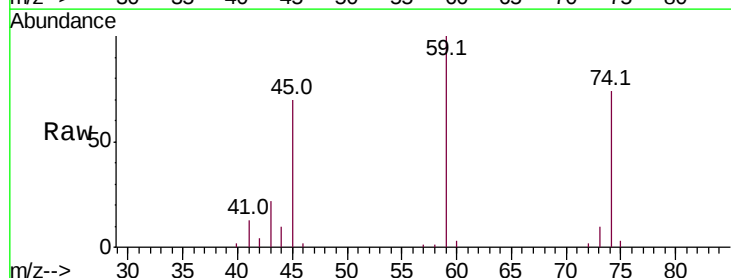
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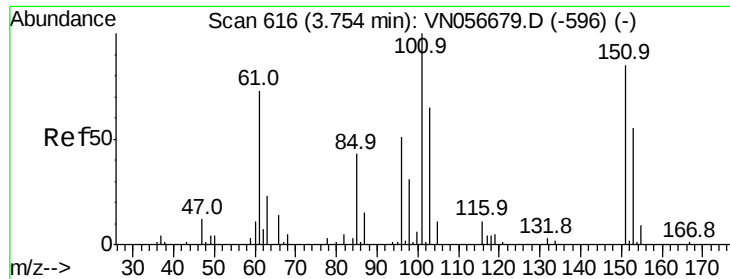


#8

Diethyl Ether
 Concen: 20.146 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 74 Resp: 39585
 Ion Ratio Lower Upper
 74 100
 45 98.2 19.9 179.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.292 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

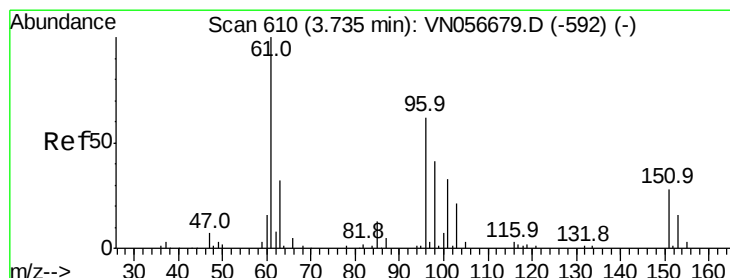
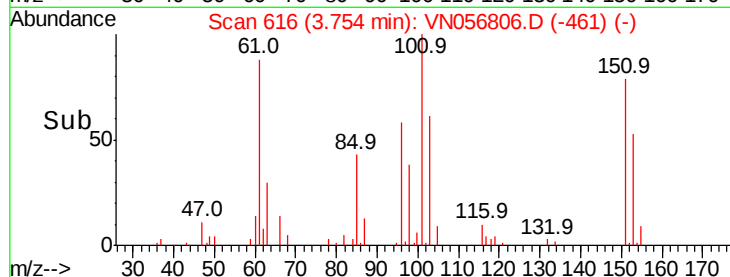
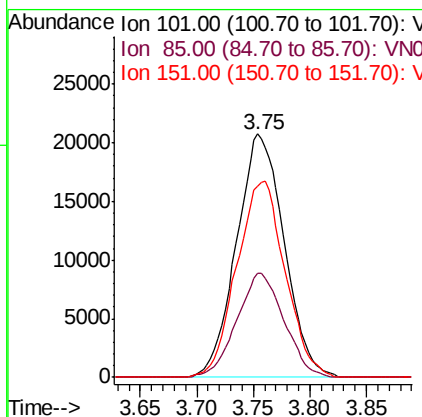
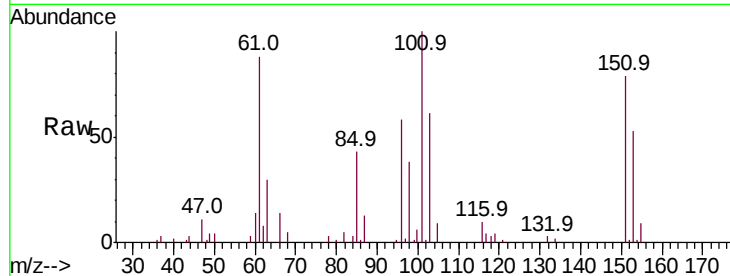
ClientSampleId :

VN0718WBSD01

Tot Ion:	101	Resp:	60799
Ion Ratio	Lower	Upper	
101	100		
85	42.3	0.0	84.2
151	81.9	0.0	167.6

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#10

1,1-Dichloroethene

Concen: 19.659 ug/l

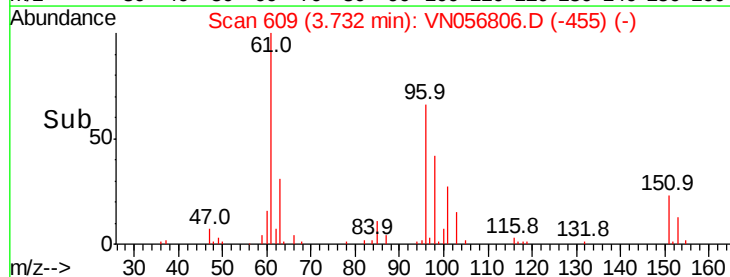
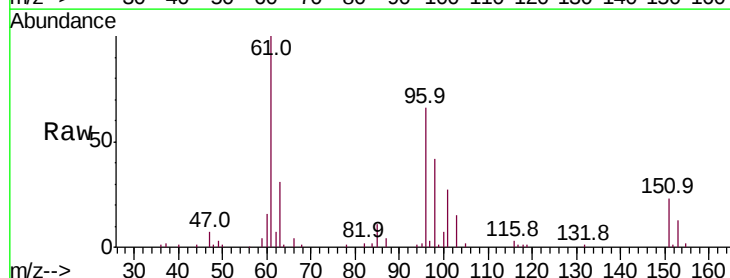
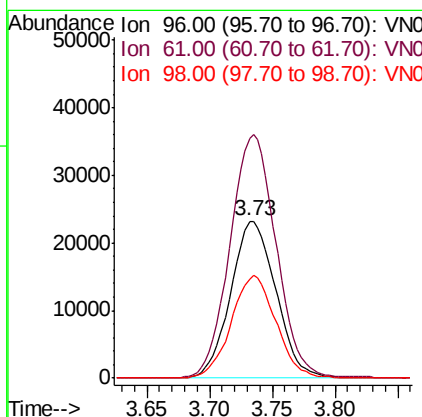
RT: 3.73 min Scan# 609

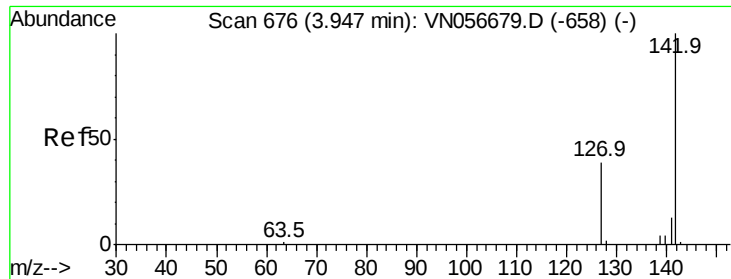
Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion:	96	Resp:	58108
Ion Ratio	Lower	Upper	
96	100		
61	151.3	129.0	193.4
98	63.4	52.5	78.7





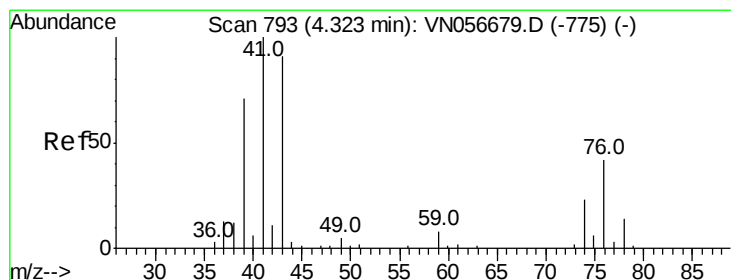
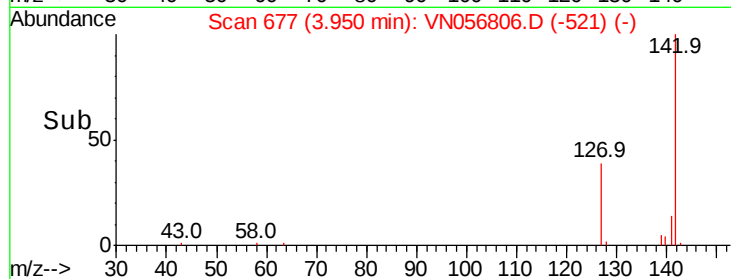
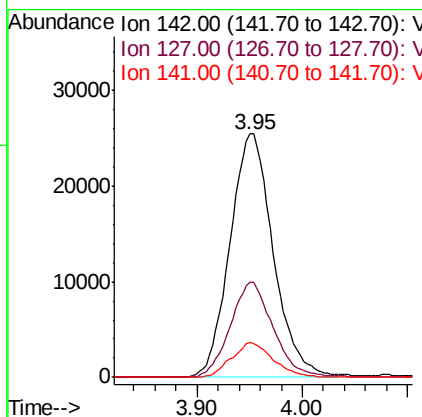
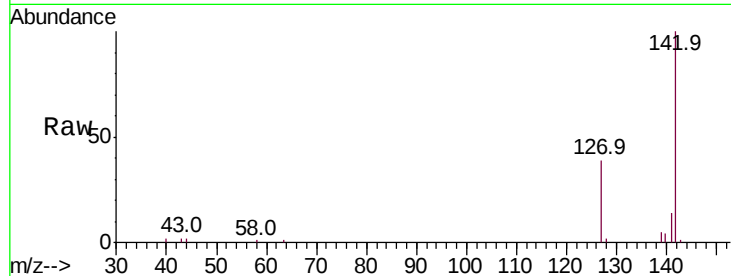
#11
Methyl Iodide
Concen: 18.453 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.8	19.5	58.5
141	14.2	6.8	20.3

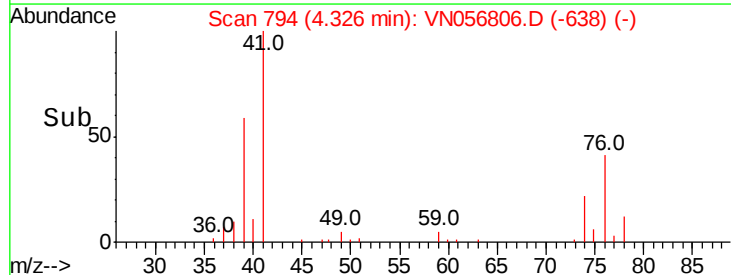
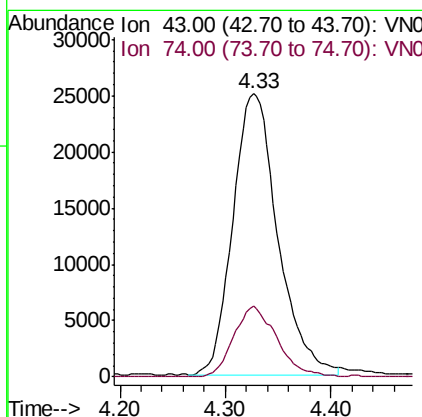
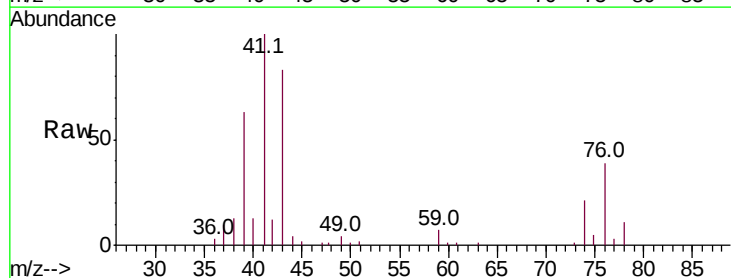
Manual Integrations
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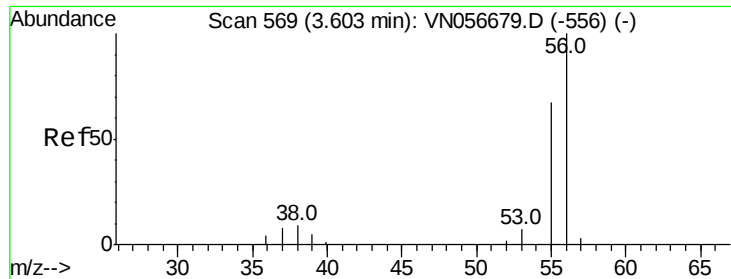
MMDadoda
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#12
Methyl Acetate
Concen: 18.640 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	20.2	30.4





#13

Acrolein

Concen: 114.397 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tot Ion: 56 Resp: 31912

Ion Ratio Lower Upper

56 100

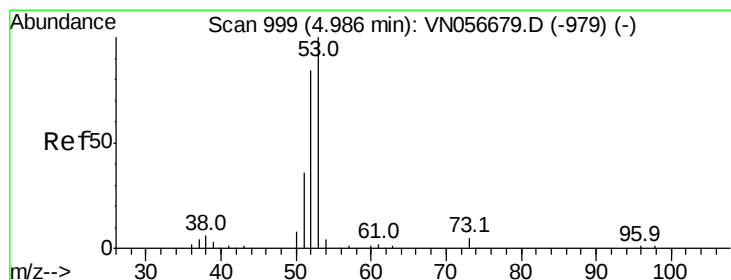
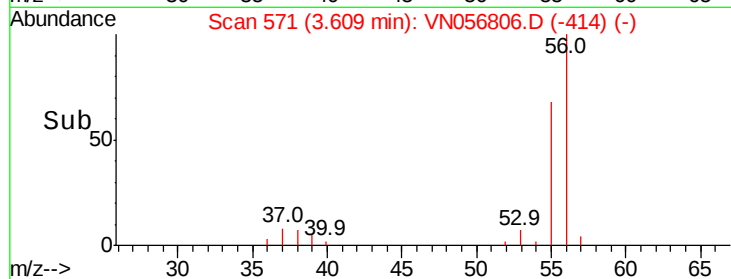
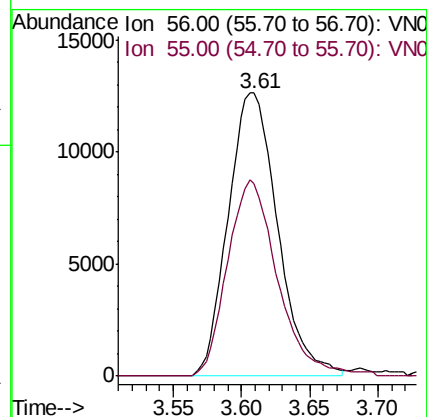
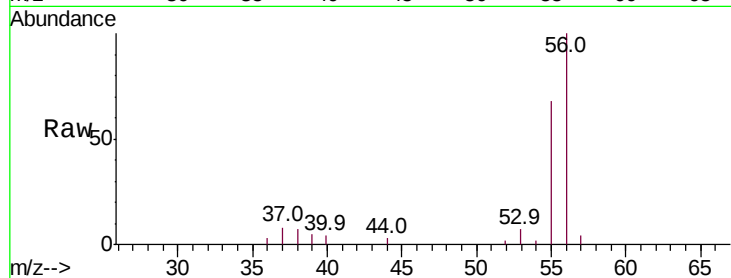
55 69.8 56.9 85.3

Manual Integrations

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#14

Acrylonitrile

Concen: 98.191 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

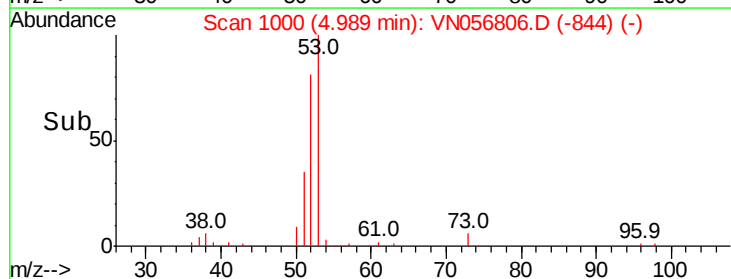
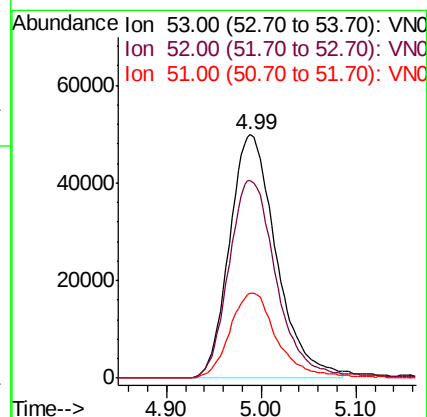
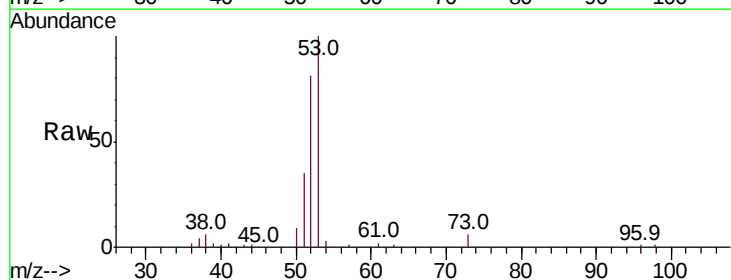
Tgt Ion: 53 Resp: 171146

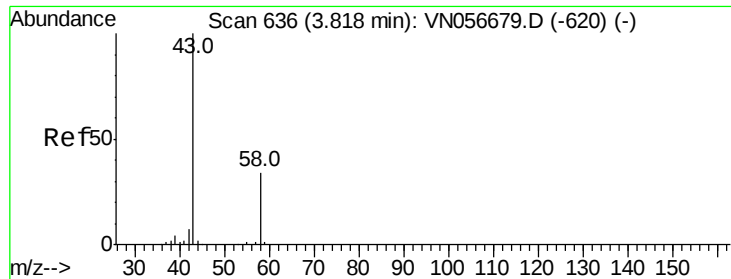
Ion Ratio Lower Upper

53 100

52 81.9 41.3 123.7

51 35.5 17.7 53.1





#15

Acetone

Concen: 86.137 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tot Ion: 58 Resp: 51825

Ion Ratio Lower Upper

58 100

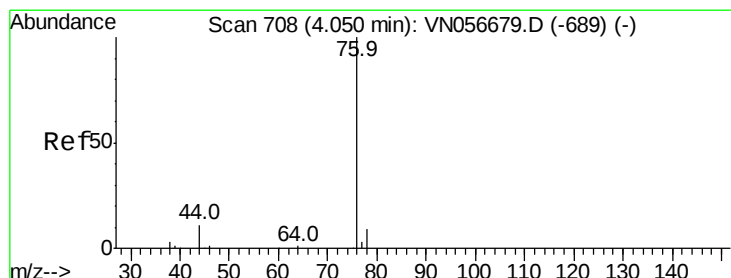
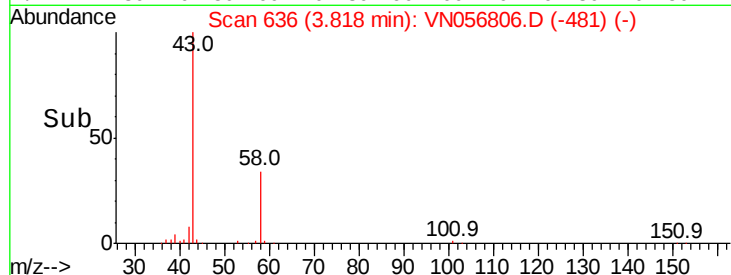
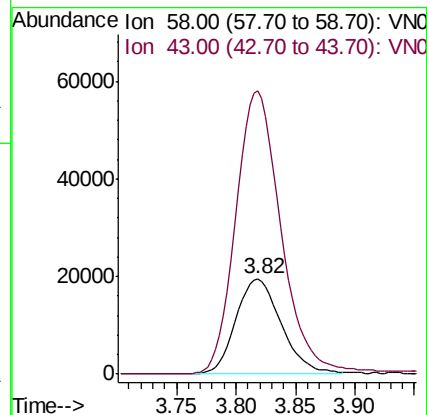
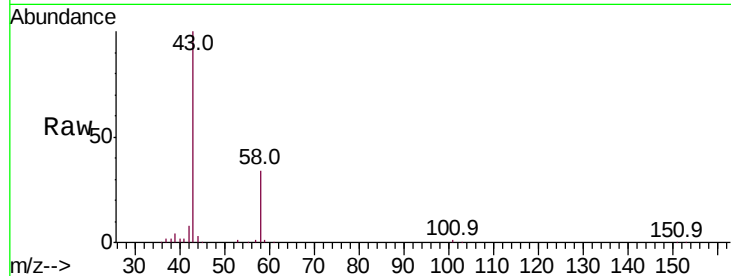
43 296.1 233.9 350.9

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.831 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN056806.D

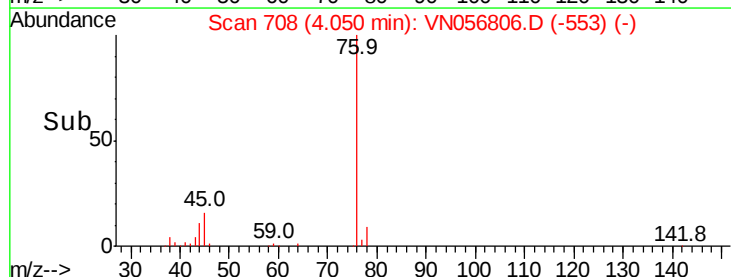
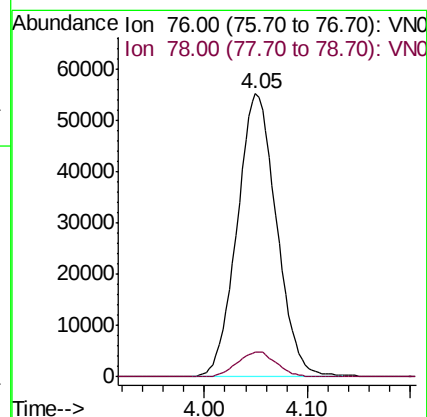
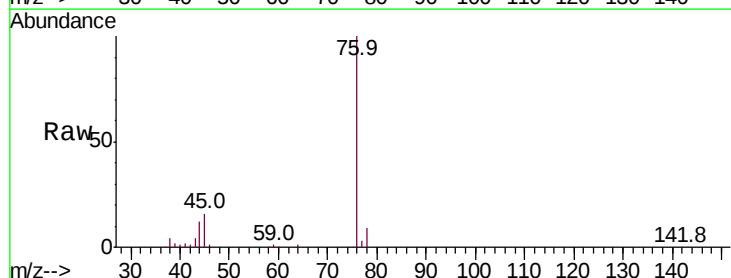
Acq: 18 Jul 2019 11:42

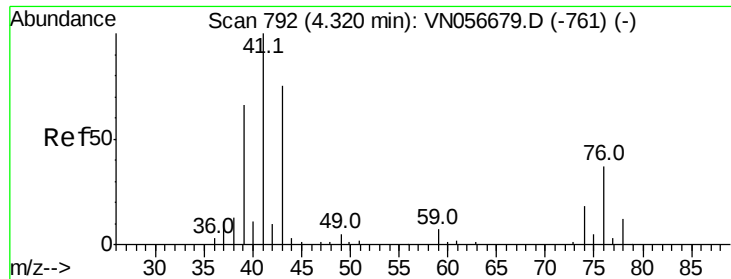
Tgt Ion: 76 Resp: 146809

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0





#17

Allvl chloride

Concen: 19.232 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

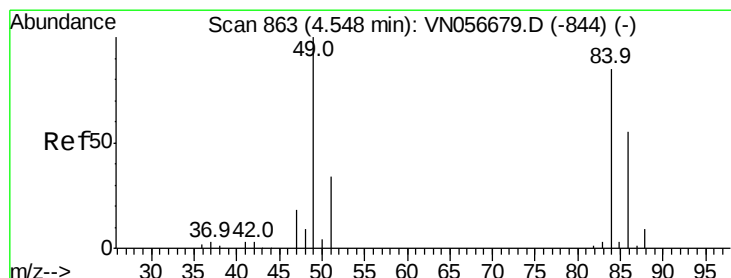
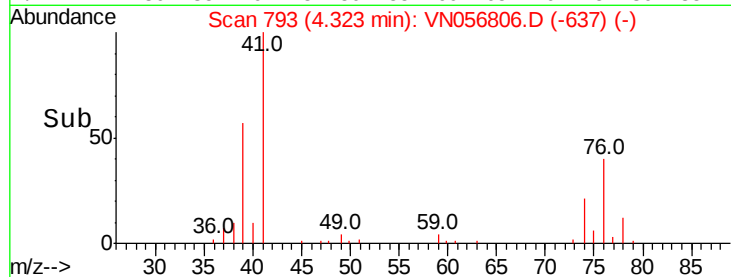
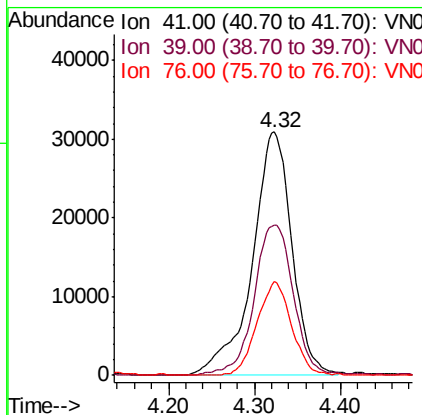
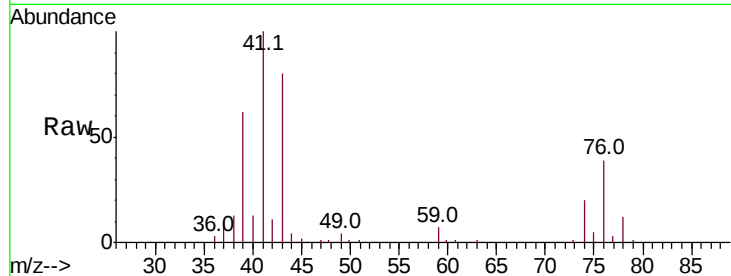
ClientSampleId :

VN0718WBSD01

Tot Ion:	41	Resp:	99441
Ion Ratio	Lower	Upper	
41	100		
39	61.8	32.8	98.4
76	38.5	18.5	55.5

Manual Integrations
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#18

Methylene Chloride

Concen: 20.304 ug/l

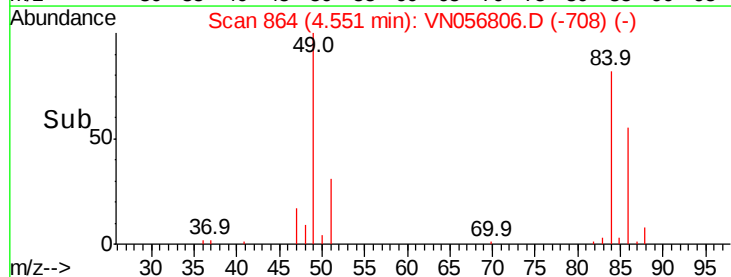
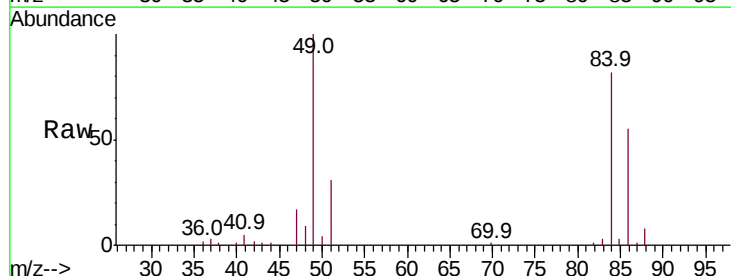
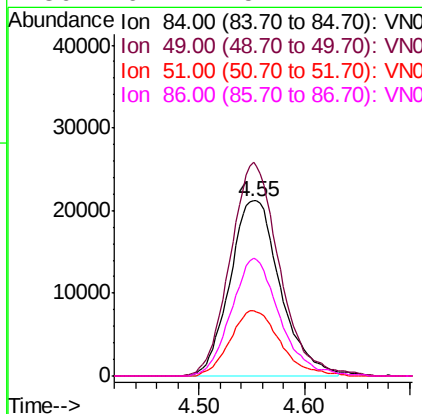
RT: 4.55 min Scan# 864

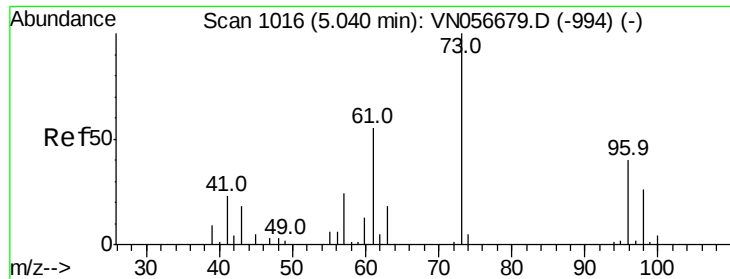
Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion:	84	Resp:	70461
Ion Ratio	Lower	Upper	
84	100		
49	120.8	93.9	140.9
51	37.5	31.7	47.5
86	67.2	51.4	77.2





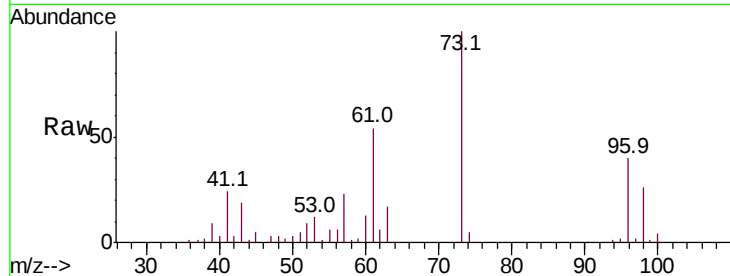
#19
trans-1,2-Dichloroethene
Concen: 19.747 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	109.6	164.4
98	65.4	51.4	77.2

Manual Integrations
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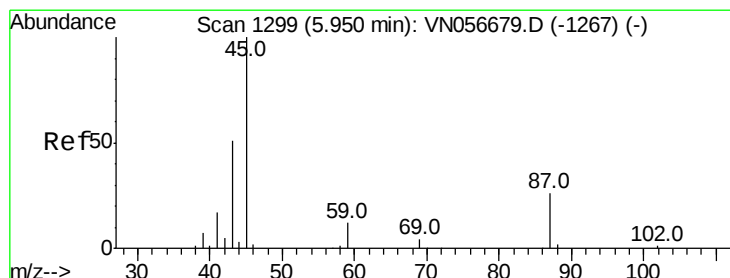
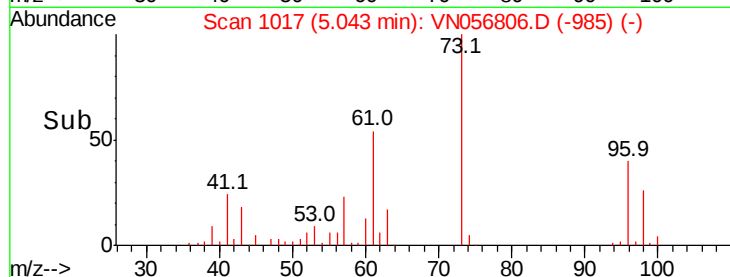
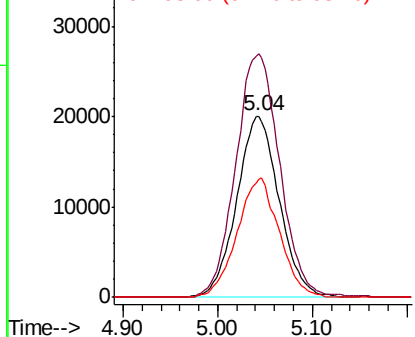


Abundance

Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO



#20
Diisopropyl ether
Concen: 20.022 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.9	50.3	75.5
87	27.9	21.4	32.0
59	11.6	9.7	14.5

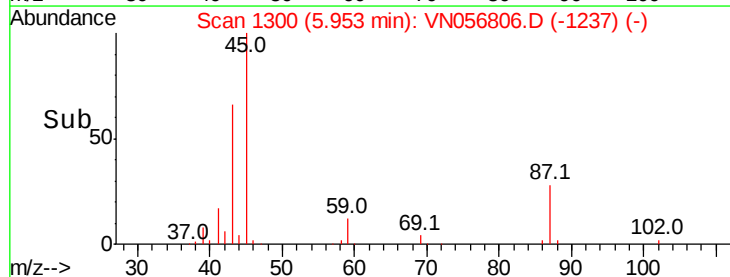
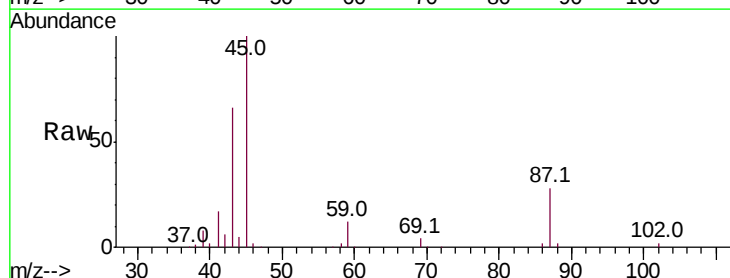
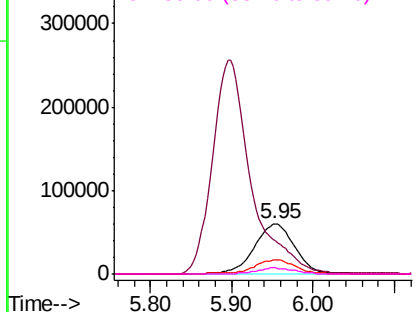
Abundance

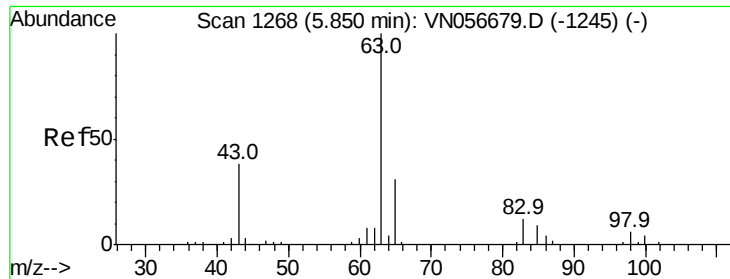
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





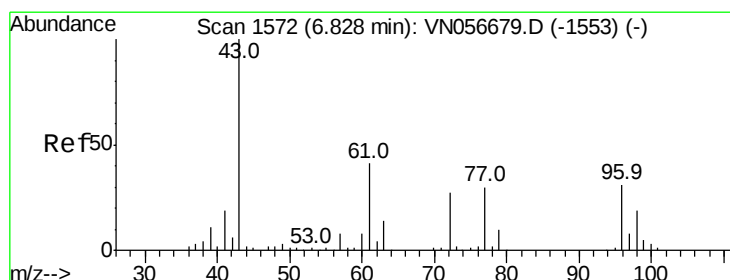
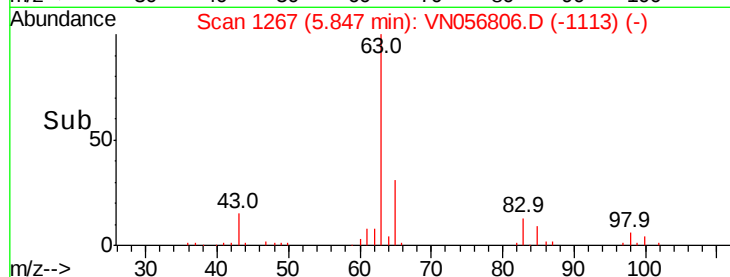
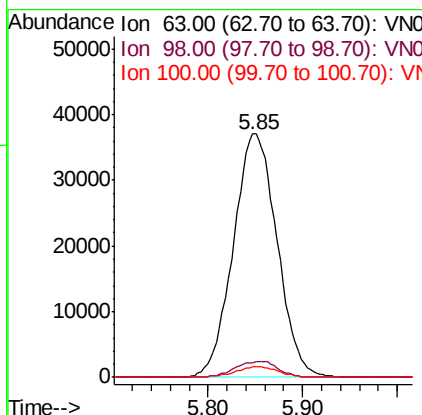
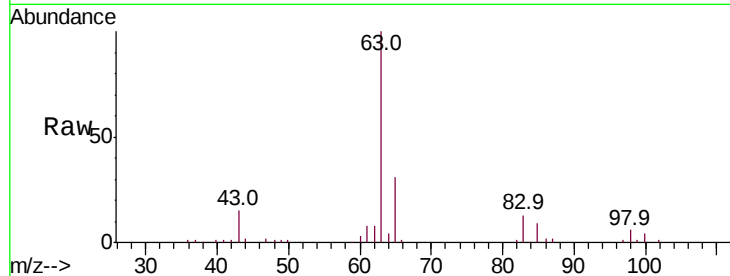
#21
 1,1-Dichloroethane
 Concen: 20.234 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	119111		
98	6.2	3.3	9.8	
100	4.3	2.1	6.3	

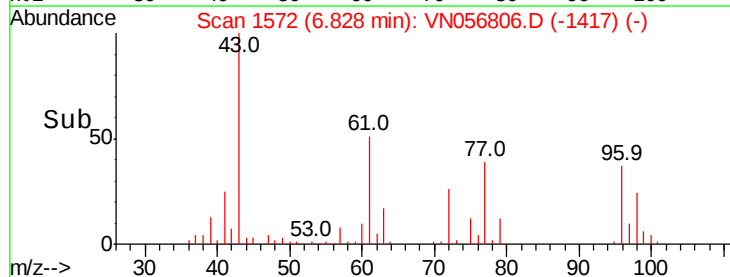
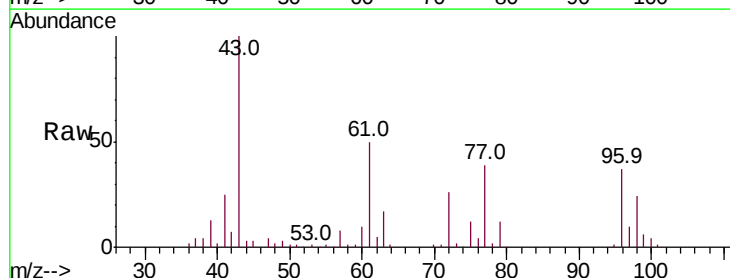
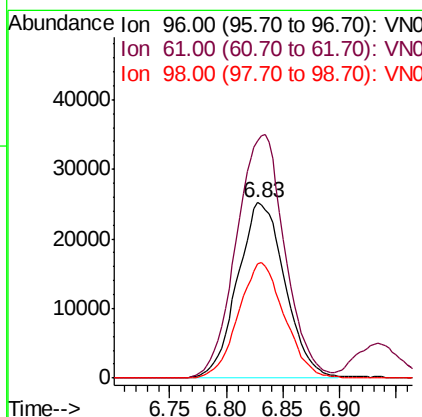
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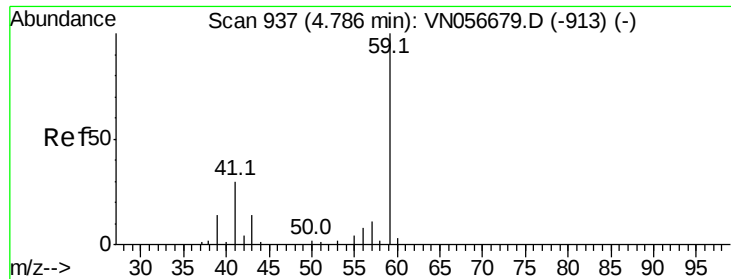
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 7/19/2019 11:31:35 PM



#22
 cis-1,2-Dichloroethene
 Concen: 19.934 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	73760		
61	141.7	112.1	168.1	
98	63.4	52.2	78.2	





#23

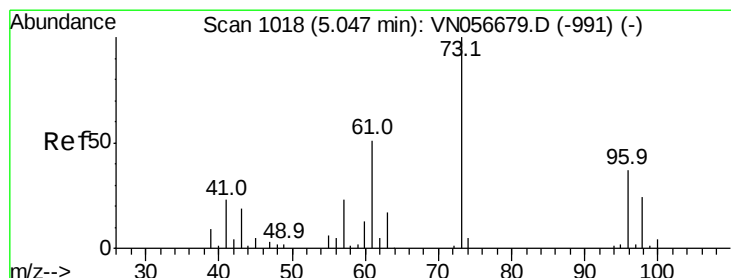
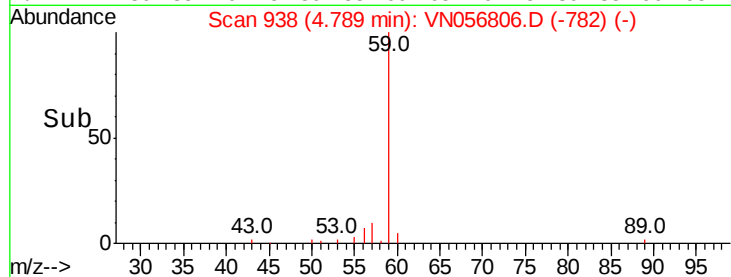
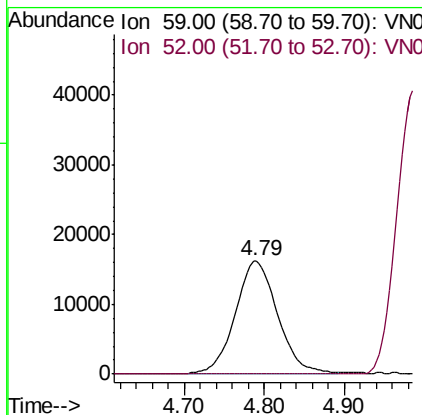
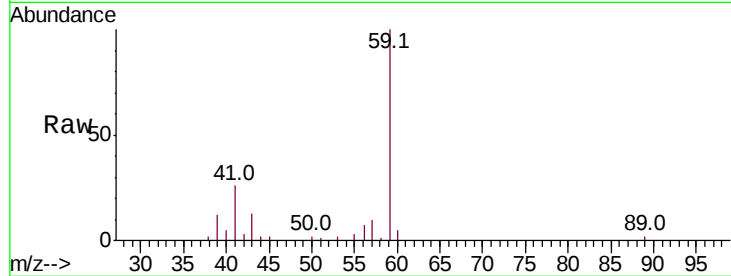
tert-Butyl Alcohol
 Concen: 96.576 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion: 59 Resp: 58720
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

Manual Integrations
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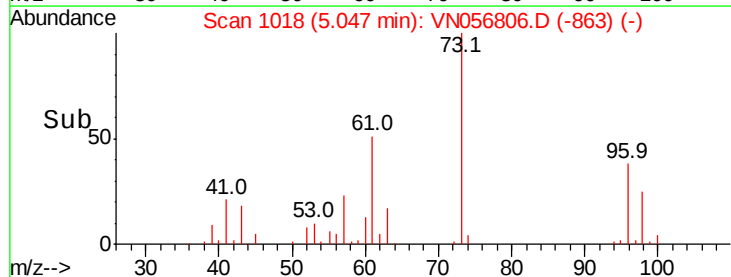
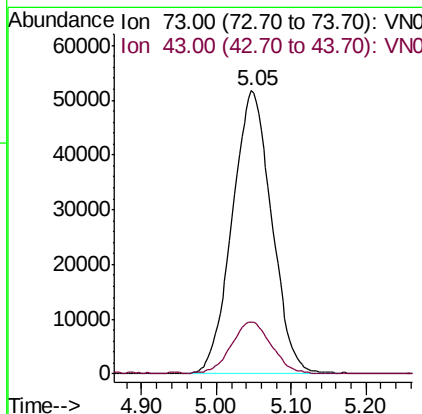
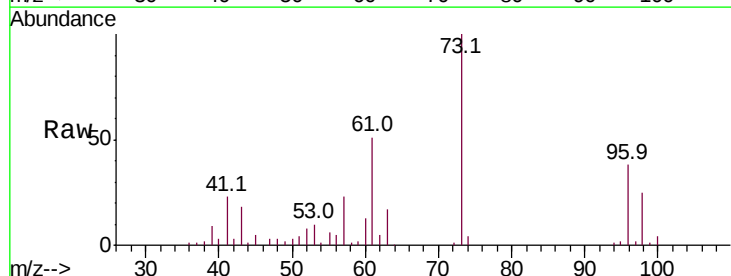
MMDadoda
 7/19/2019 11:31:35 PM

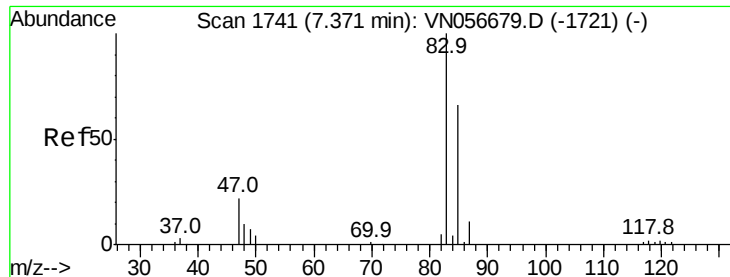


#24

Methyl tert-Butyl Ether
 Concen: 20.078 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 73 Resp: 189292
 Ion Ratio Lower Upper
 73 100
 43 18.6 15.1 22.7





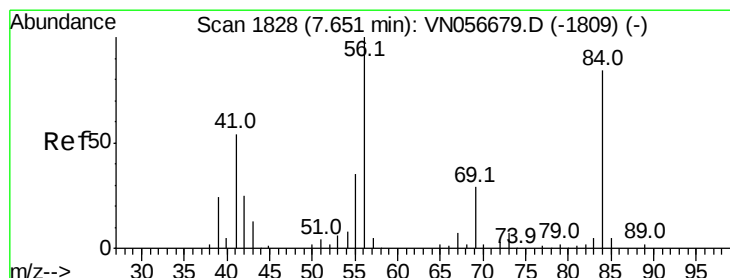
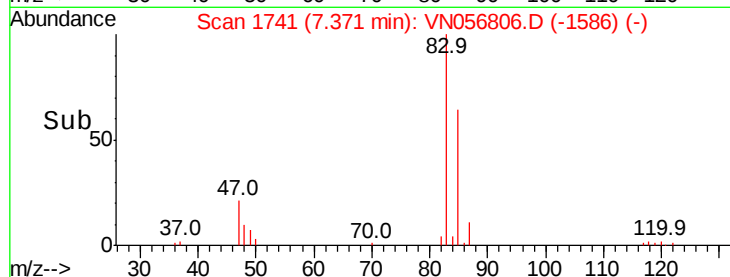
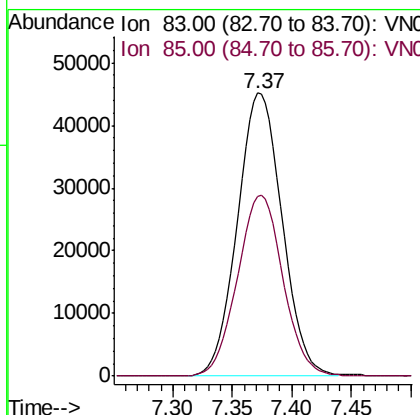
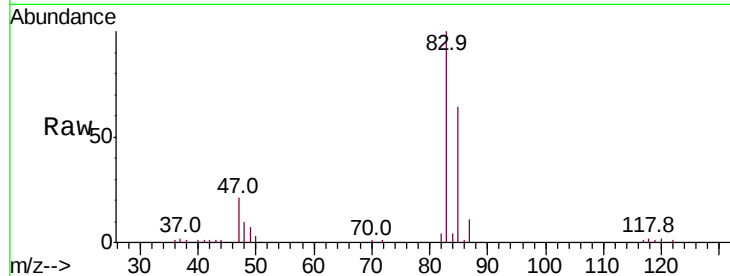
#25
Chloroform
Concen: 20.534 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0718WBSD01

Tot Ion: 83 Resp: 117762
Ion Ratio Lower Upper
83 100
85 63.6 52.6 79.0

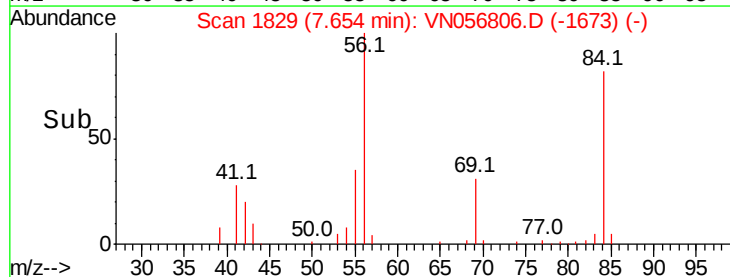
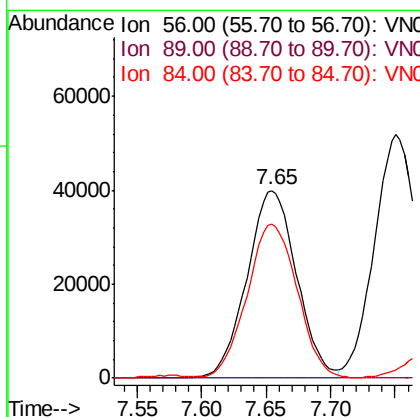
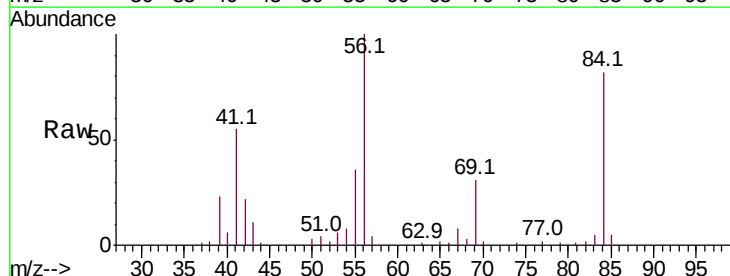
Manual Integrations
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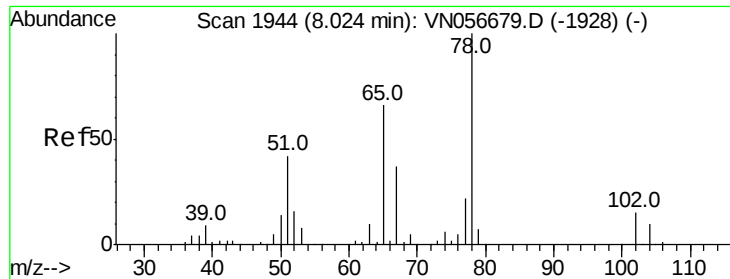
MMDadoda
7/19/2019 11:31:35 PM



#26
Cyclohexane
Concen: 19.571 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 56 Resp: 107084
Ion Ratio Lower Upper
56 100
89 0.0 1.4 2.2#
84 83.4 68.2 102.4





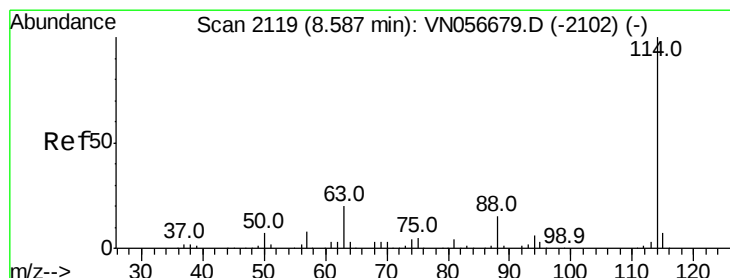
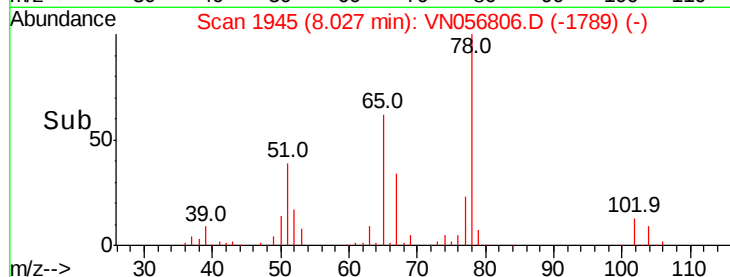
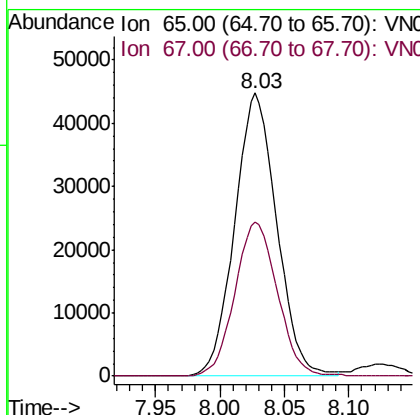
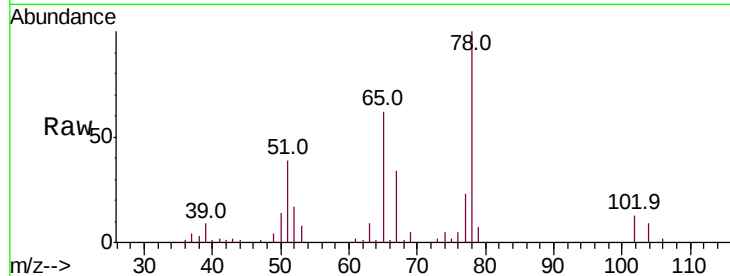
#27
 1,2-Dichloroethane-d4
 Concen: 29.920 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.8	43.4	65.0

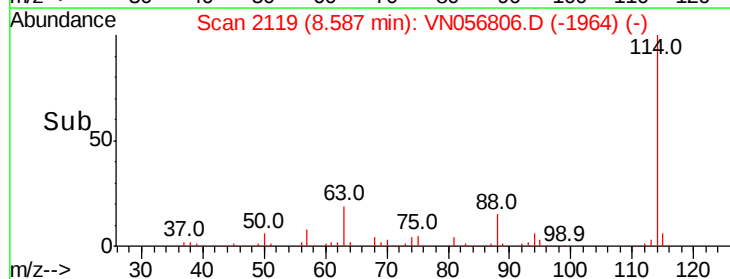
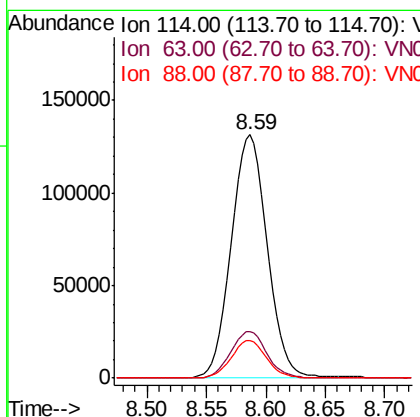
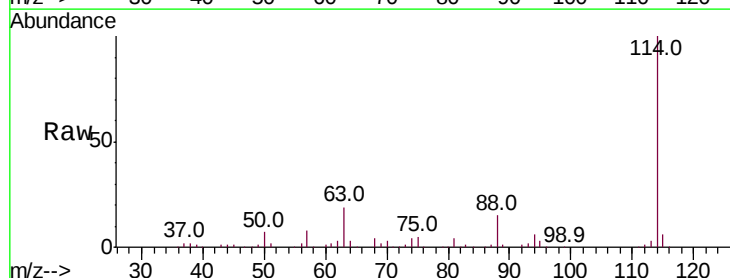
Manual Integrations
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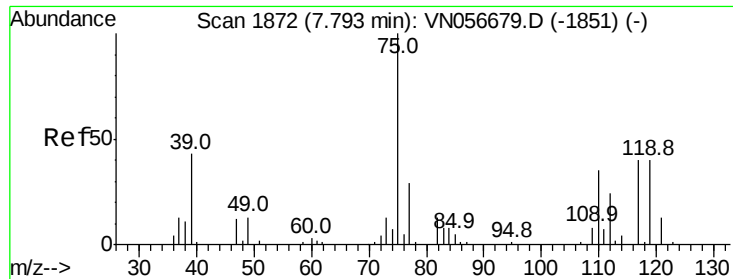
MMDadoda
 7/19/2019 11:31:35 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	16.2	24.2
88	15.1	12.3	18.5





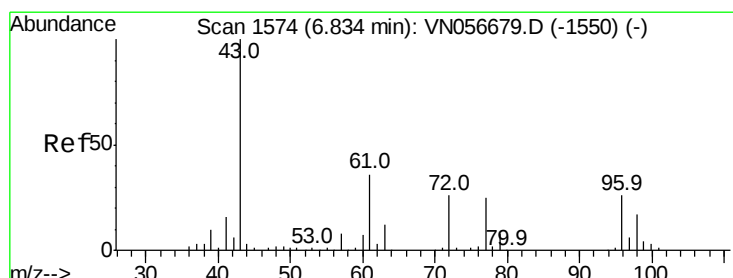
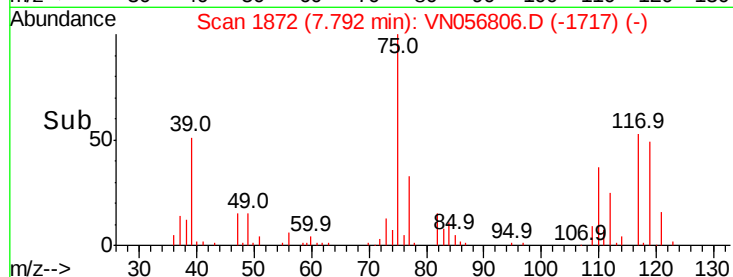
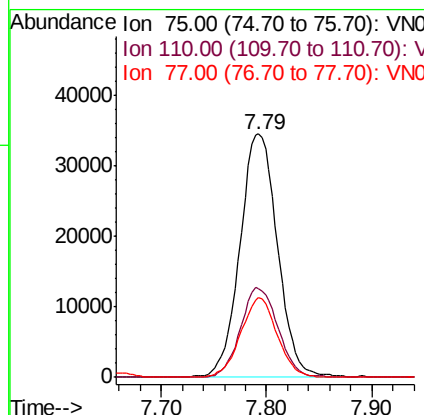
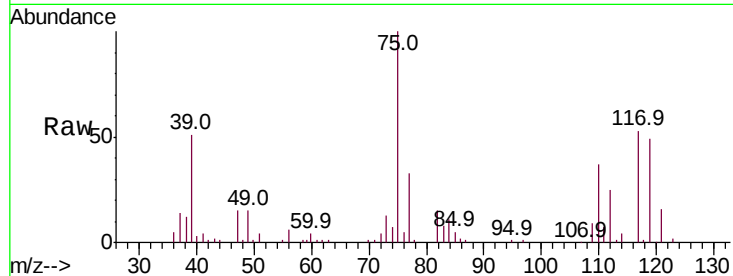
#29
 1,1-Dichloropropene
 Concen: 19.427 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	72.4
77	31.7	0.0	62.2

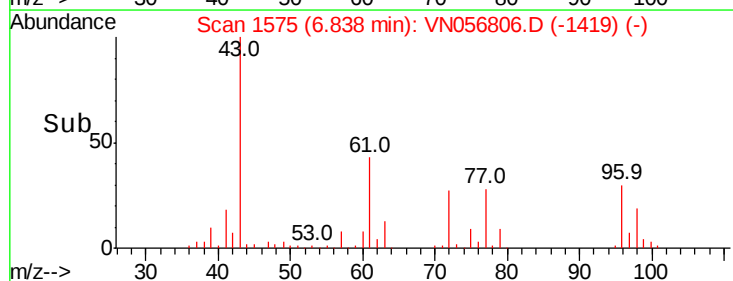
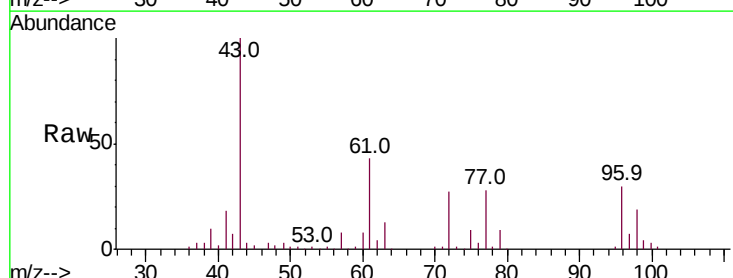
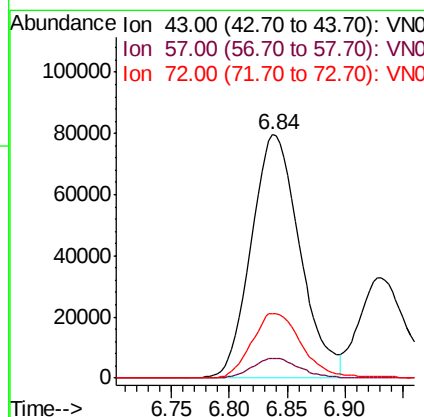
Manual Integrations
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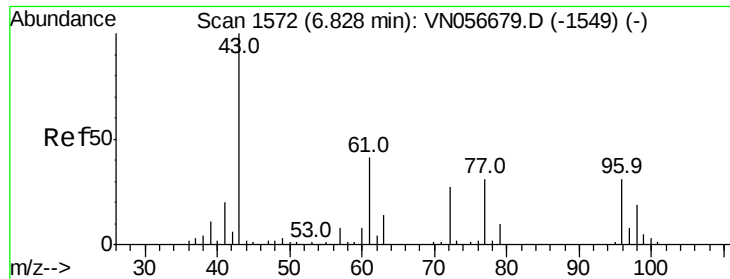
MMDadoda
 7/19/2019 11:31:35 PM



#30
 2-Butanone
 Concen: 91.106 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.6	10.0
72	27.3	21.3	31.9





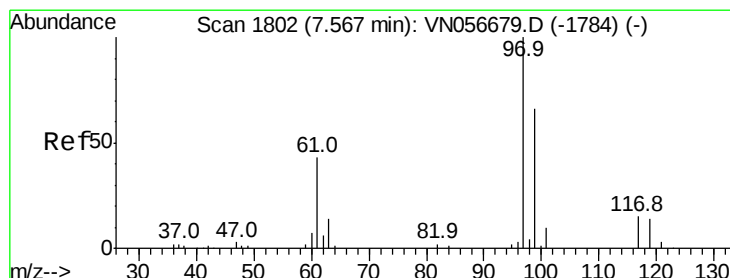
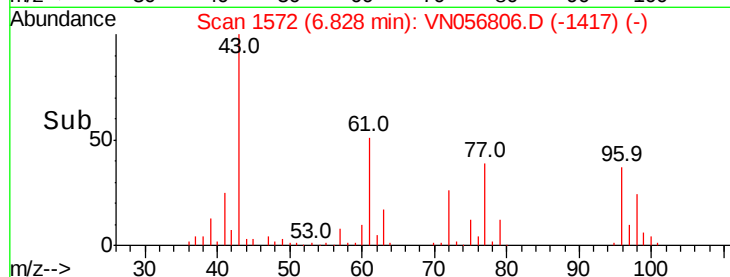
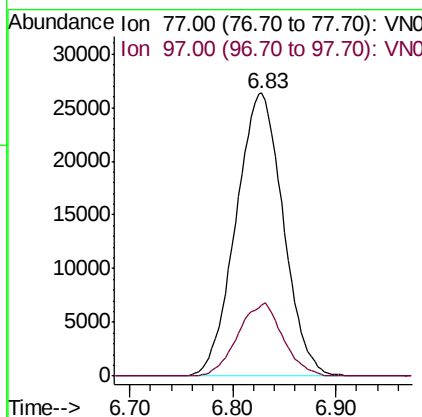
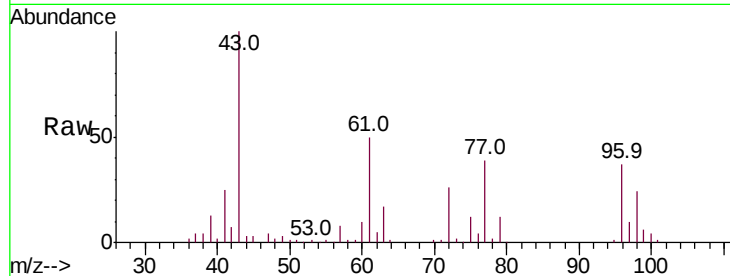
#31
 2,2-Dichloropropane
 Concen: 19.626 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion: 77 Resp: 83695
 Ion Ratio Lower Upper
 77 100
 97 24.7 19.7 29.5

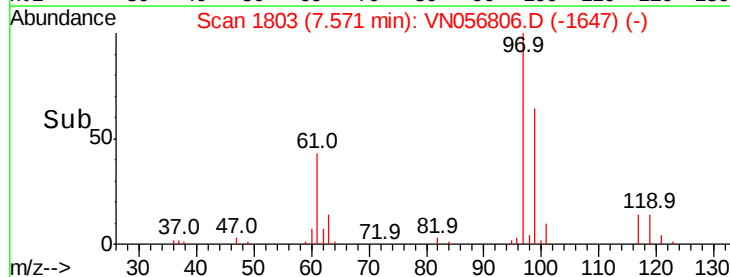
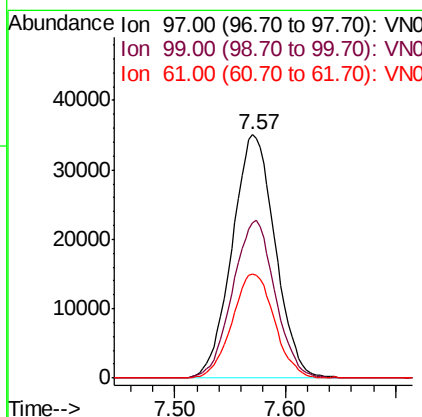
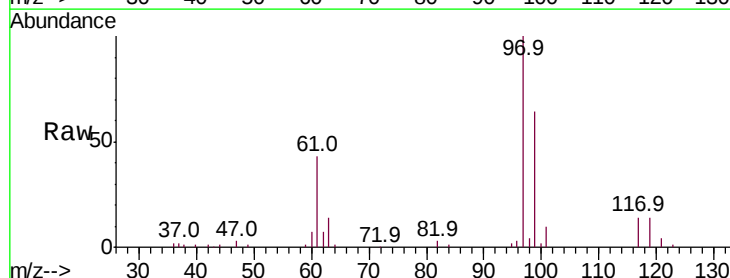
Manual Integrations
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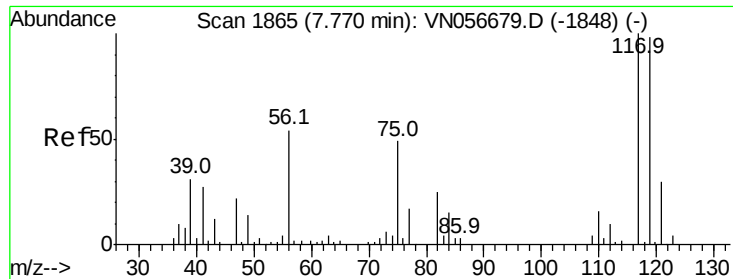
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#32
 1,1,1-Trichloroethane
 Concen: 20.179 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 97 Resp: 94777
 Ion Ratio Lower Upper
 97 100
 99 63.8 52.0 78.0
 61 42.1 34.4 51.6





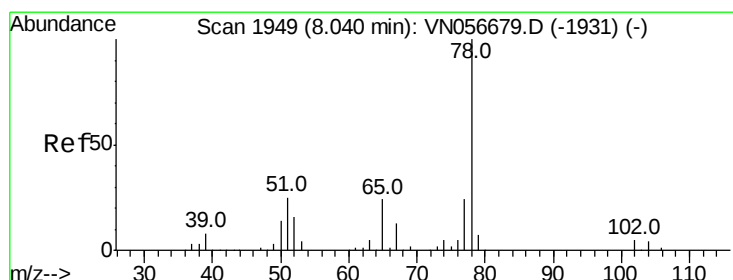
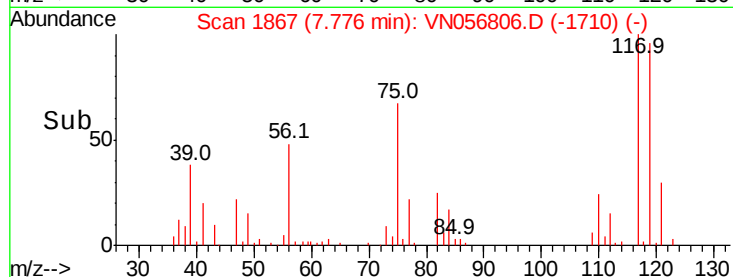
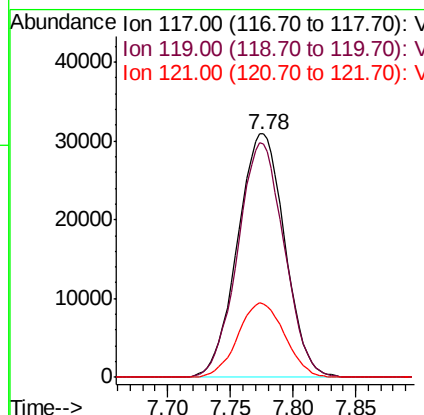
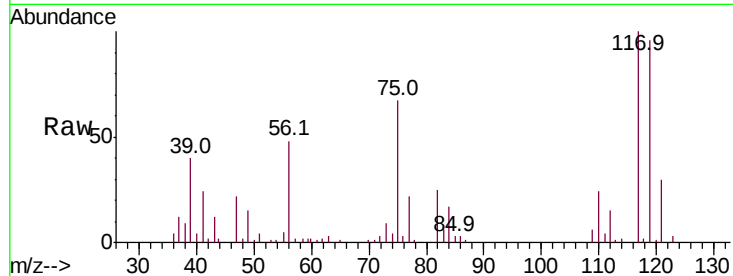
#33
Carbon Tetrachloride
Concen: 19.974 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion:117 Resp: 80733
Ion Ratio Lower Upper
117 100
119 96.1 78.7 118.1
121 29.9 24.0 36.0

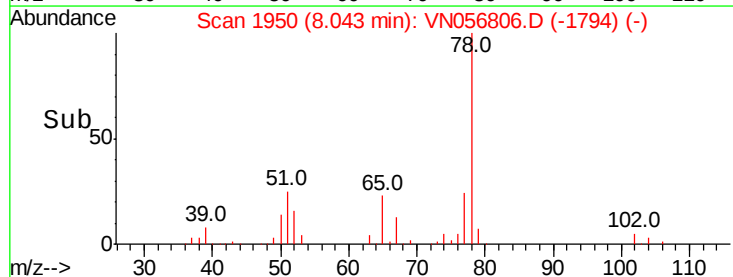
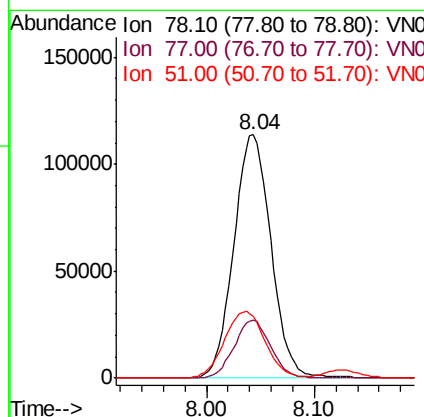
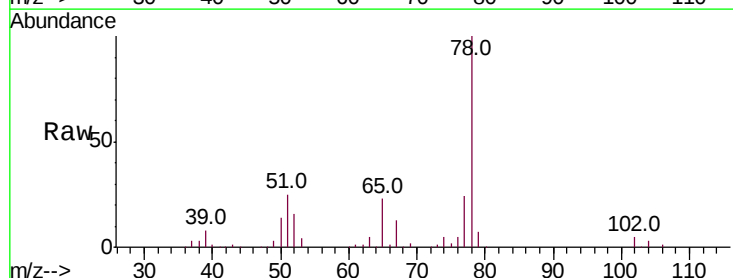
Manual Integrations
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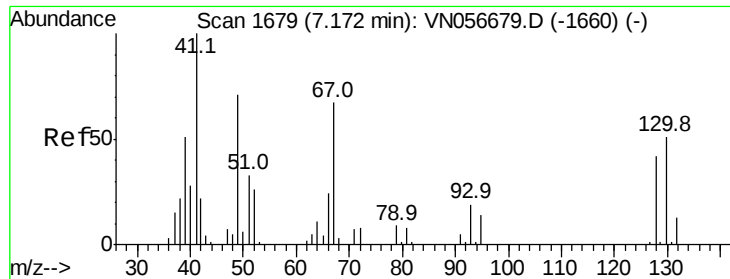
MMDadoda
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#34
Benzene
Concen: 20.184 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 78 Resp: 273270
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4
51 25.0 19.7 29.5





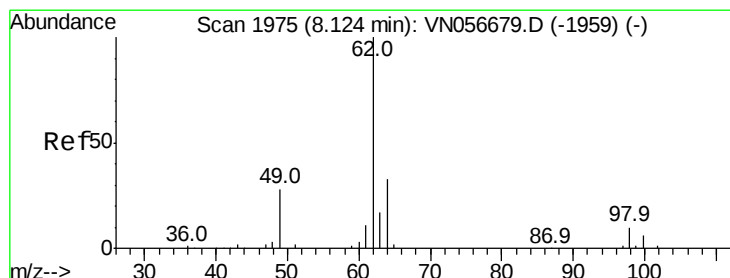
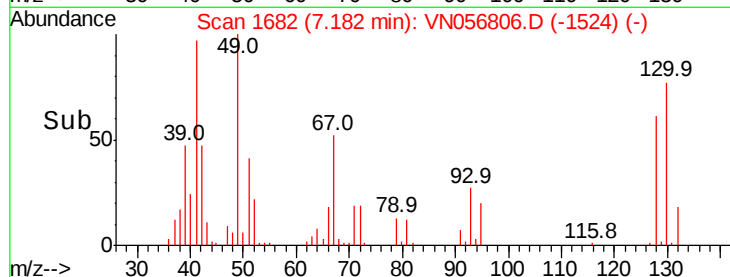
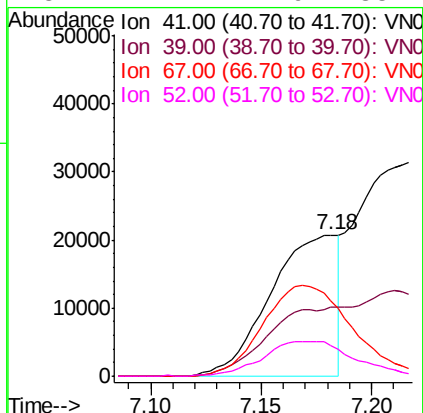
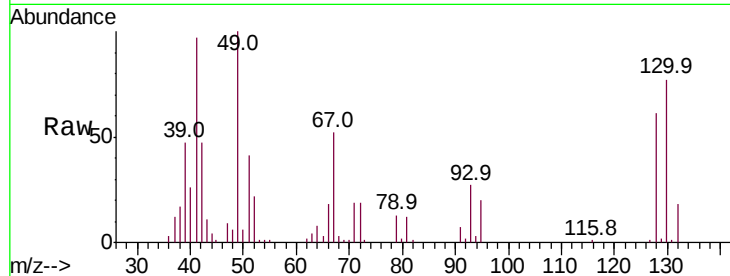
#35
Methacrylonitrile
Concen: 22.603 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	48.7	25.4	76.2
67	53.7	33.6	100.8
52	22.2	12.9	38.7

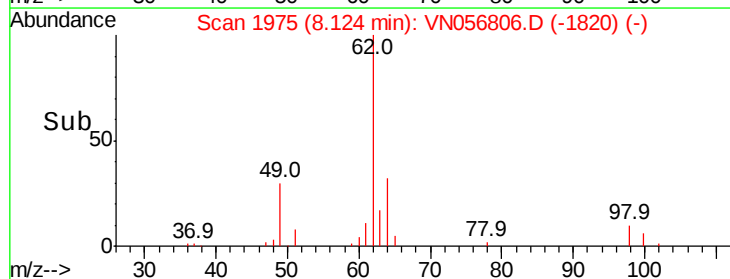
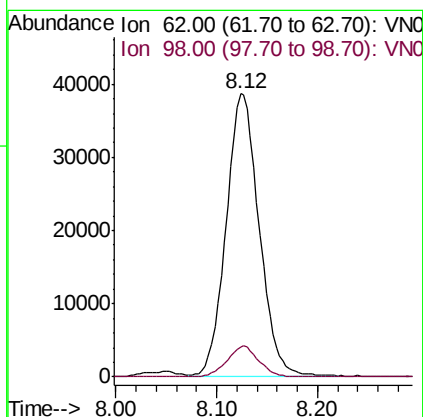
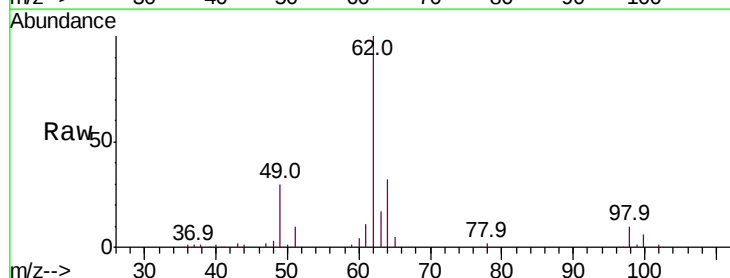
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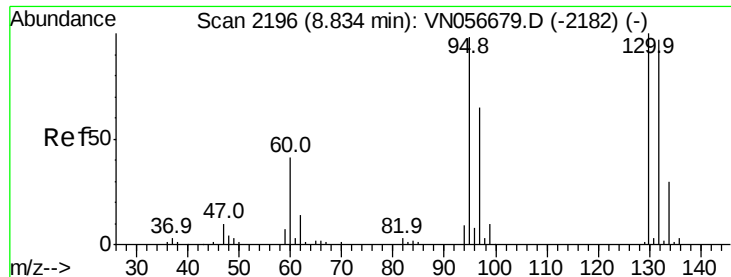
MMDadoda
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#36
1,2-Dichloroethane
Concen: 20.171 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	7.7	11.5





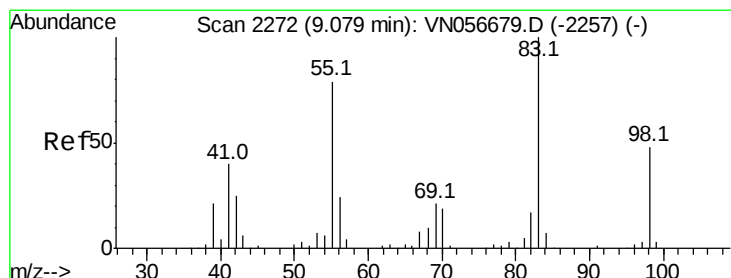
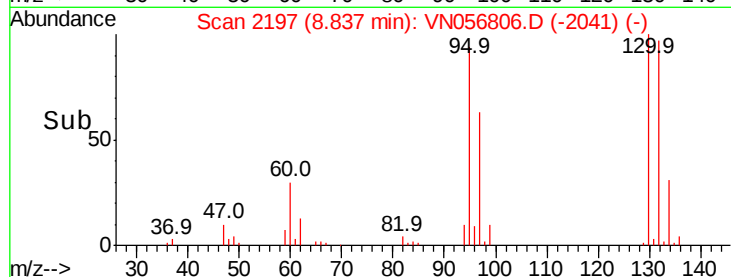
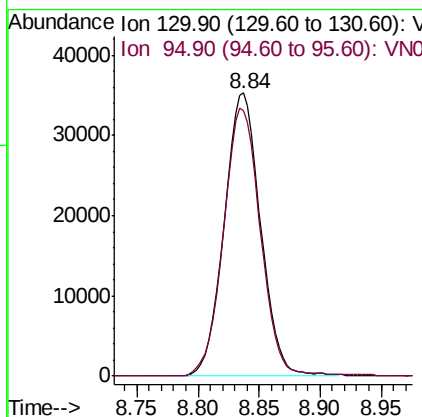
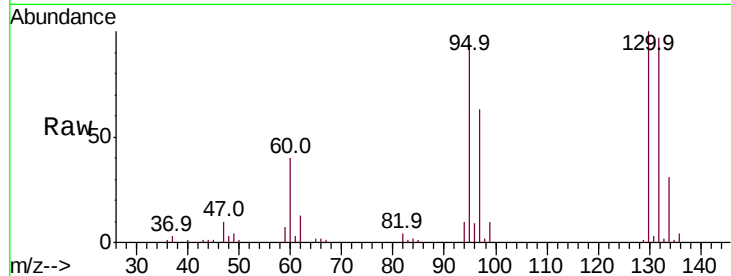
#37
 Trichloroethene
 Concen: 19.954 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion:130 Resp: 73370
 Ion Ratio Lower Upper
 130 100
 95 93.4 78.4 117.6

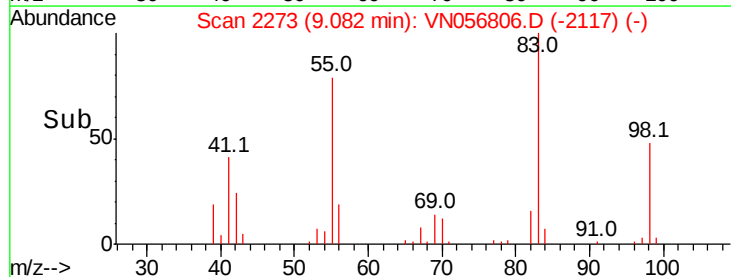
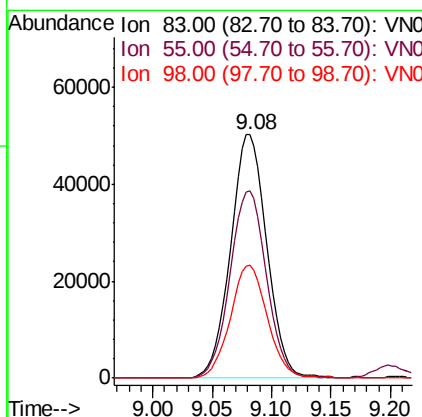
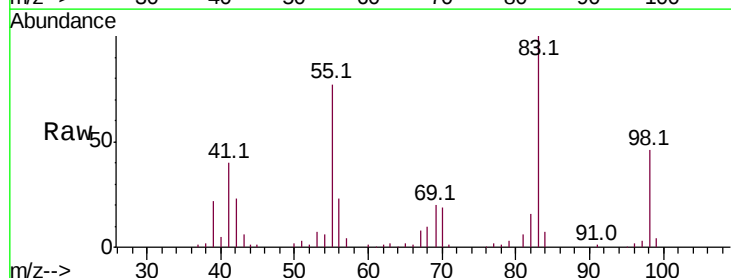
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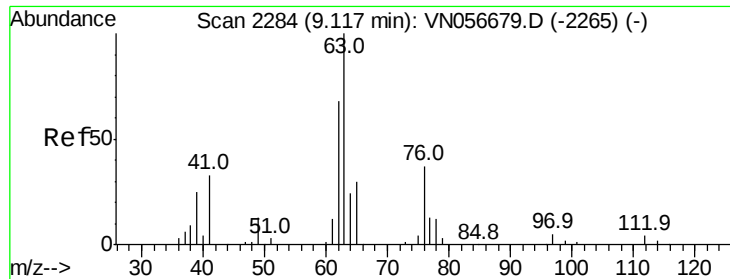
MMDadoda
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#38
 Methylcyclohexane
 Concen: 19.056 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 83 Resp: 106077
 Ion Ratio Lower Upper
 83 100
 55 77.2 38.4 115.2
 98 47.1 23.3 69.9





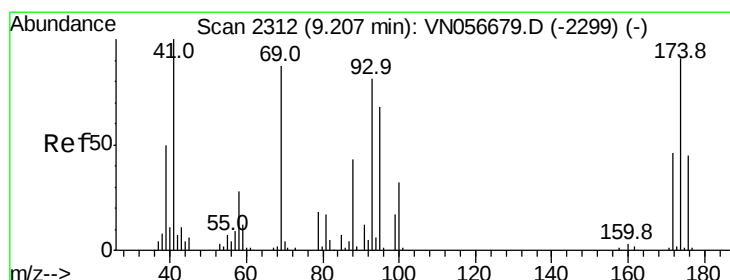
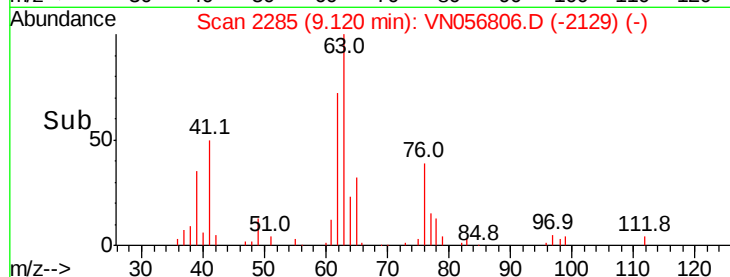
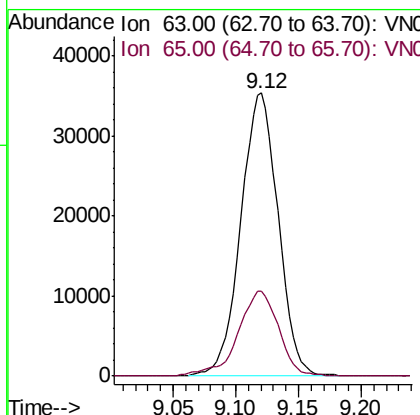
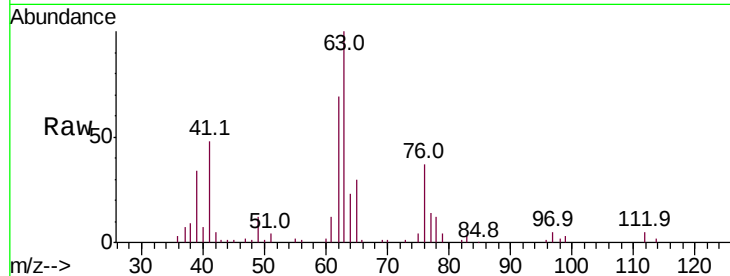
#39
 1,2-Dichloropropane
 Concen: 20.188 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion: 63 Resp: 73363
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.6 36.8

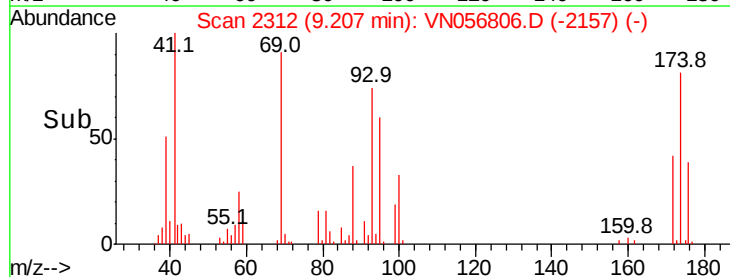
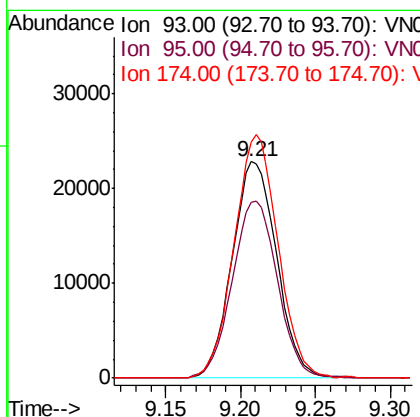
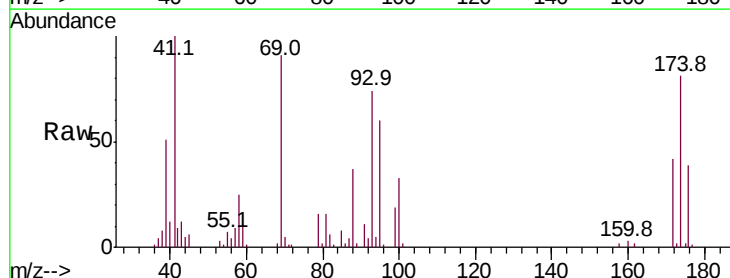
Manual Integrations
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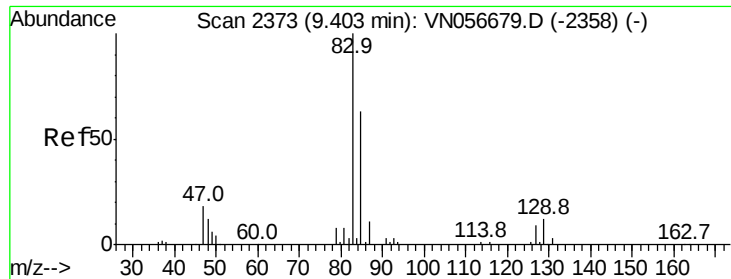
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#40
 Dibromomethane
 Concen: 20.396 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 93 Resp: 47210
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 167.0
 174 111.0 0.0 224.2





#41

Bromodichloromethane

Concen: 20.058 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

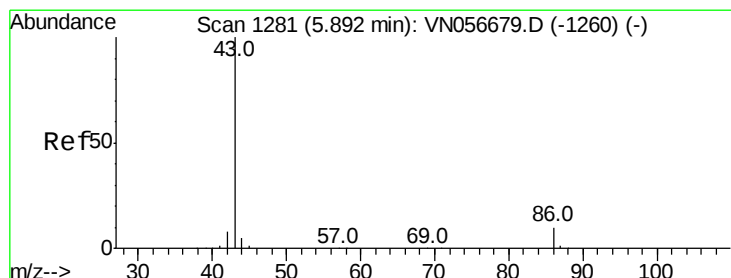
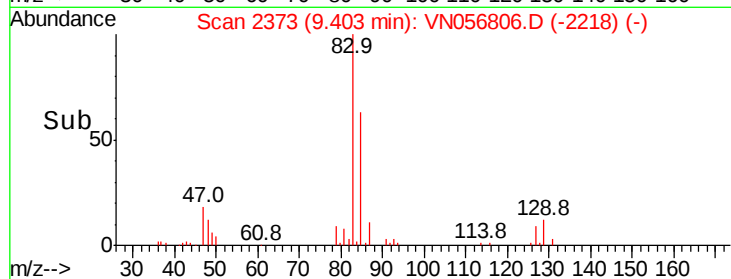
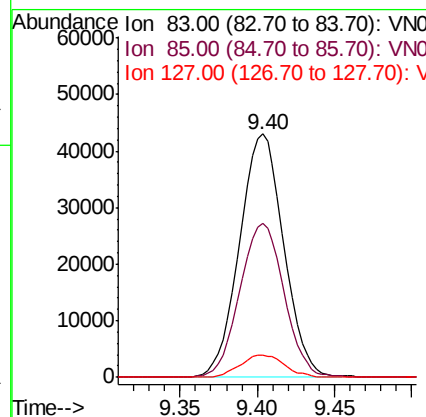
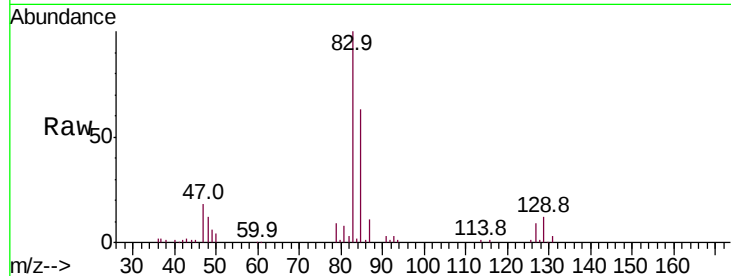
ClientSampleId :

VN0718WBSD01

Tot Ion:	83	Resp:	85567
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.1	75.1
127	8.9	7.0	10.4

Manual Integrations
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7/19/2019 11:31:35 PM



#42

Vinyl Acetate

Concen: 100.381 ug/l

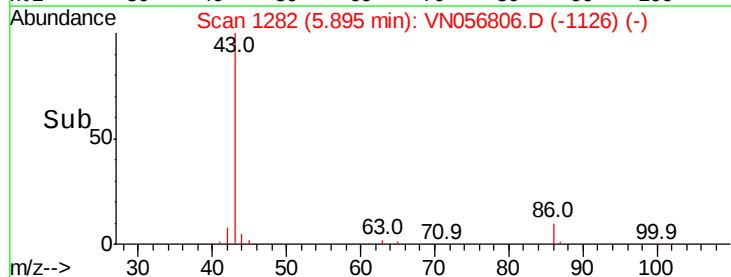
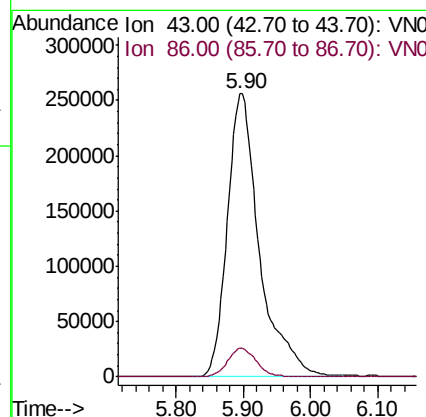
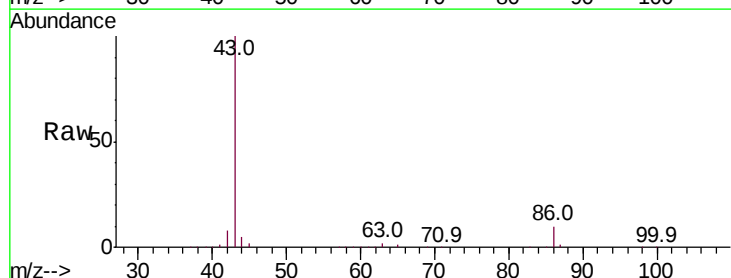
RT: 5.90 min Scan# 1282

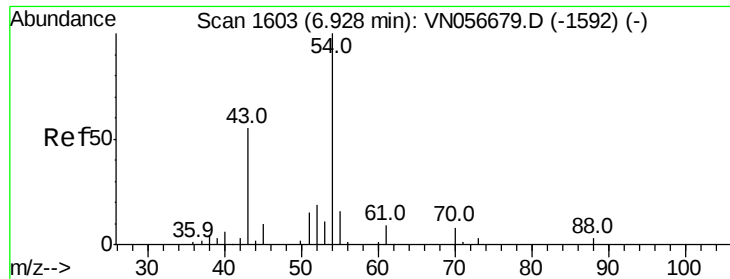
Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion:	43	Resp:	852314
Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.4	11.2





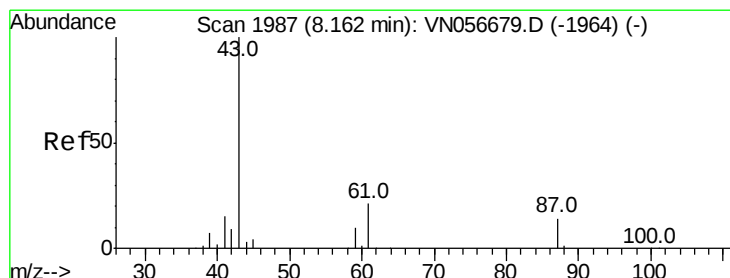
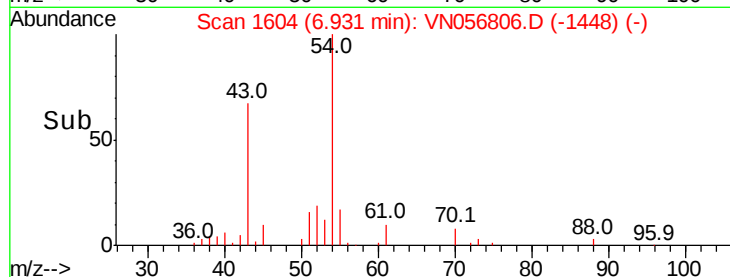
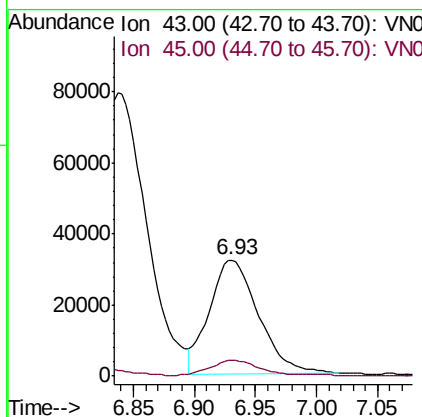
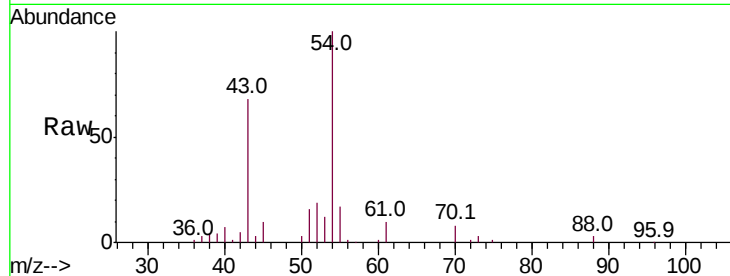
#43
Ethyl Acetate
Concen: 19.409 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion: 43 Resp: 89478
Ion Ratio Lower Upper
43 100
45 15.5 11.2 16.8

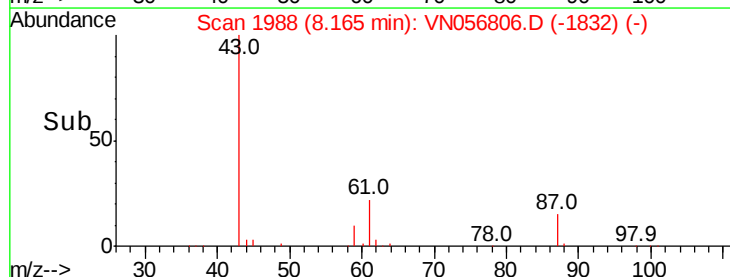
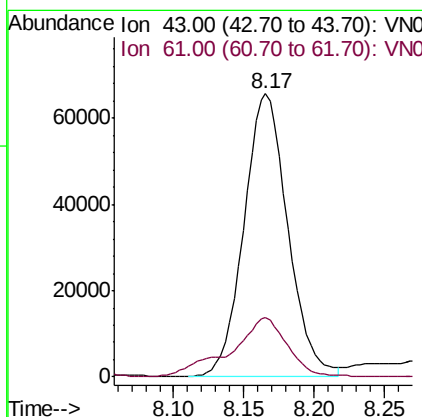
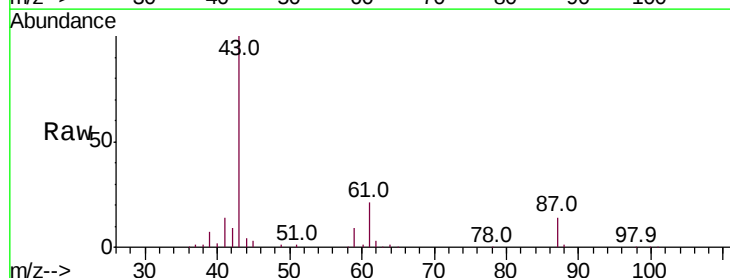
Manual Integrations
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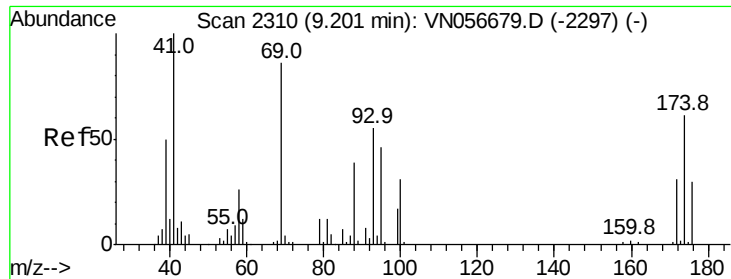
MMDadoda
7/19/2019 11:31:35 PM



#44
Isopropyl Acetate
Concen: 19.729 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 43 Resp: 141860
Ion Ratio Lower Upper
43 100
61 21.8 22.6 33.8#





#45

1,4-Dioxane

Concen: 372.274 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

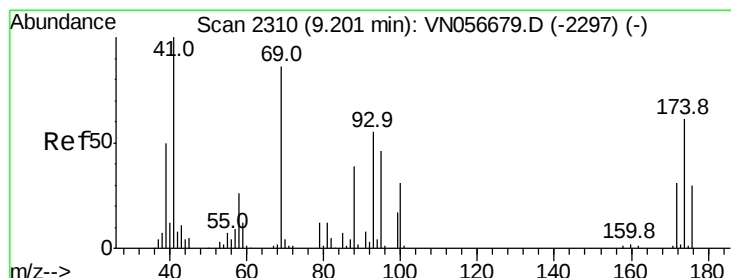
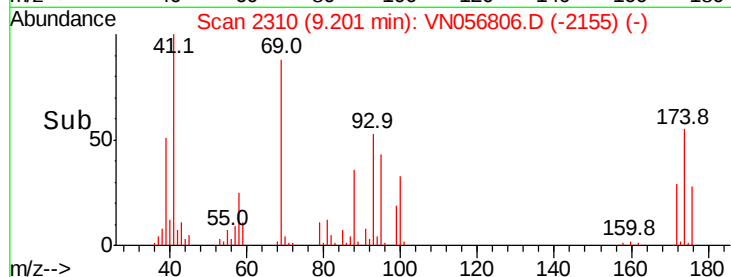
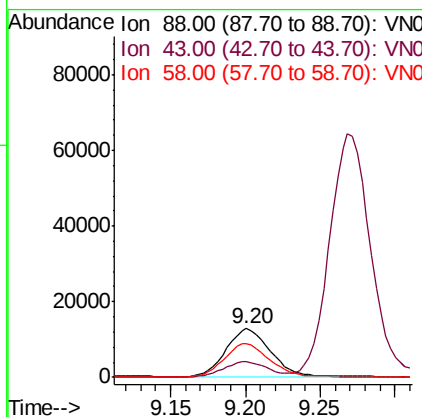
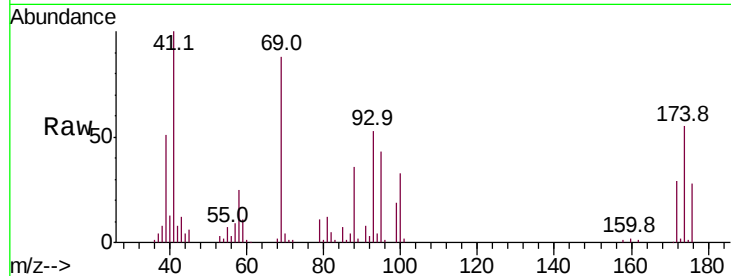
ClientSampleId :

VN0718WBSD01

Tot Ion:	88	Resp:	27081
Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.0	34.6
58	70.9	54.6	81.8

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#46

Methyl methacrylate

Concen: 19.990 ug/l

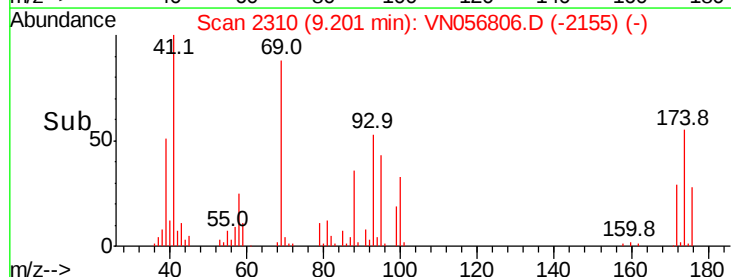
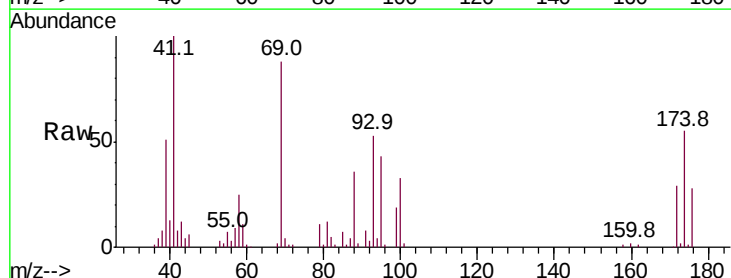
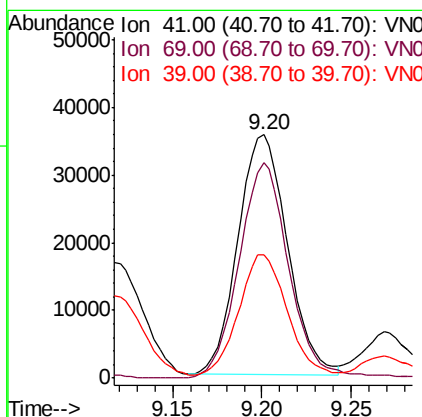
RT: 9.20 min Scan# 2310

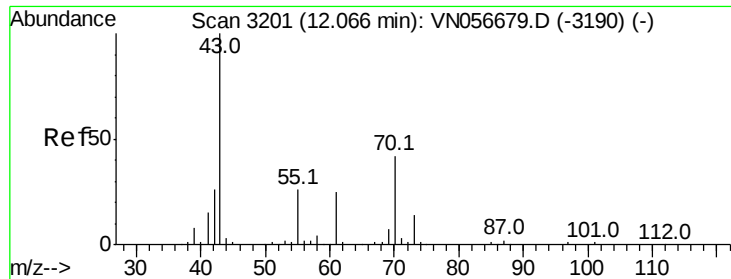
Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion:	41	Resp:	69055
Ion	Ratio	Lower	Upper
41	100		
69	89.6	43.0	129.0
39	50.0	25.1	75.4





#47

n-amvl Acetate

Concen: 18.830 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

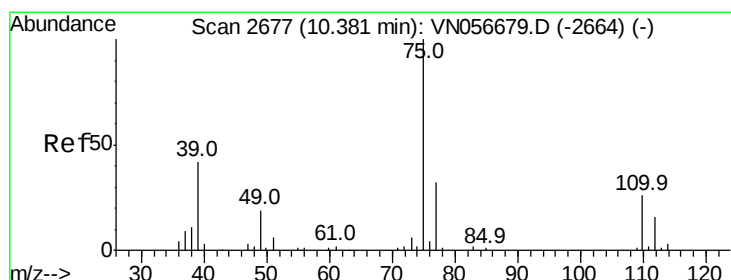
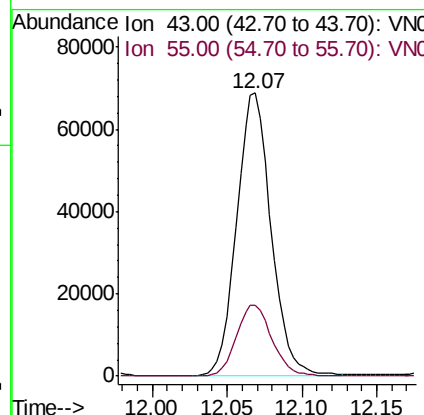
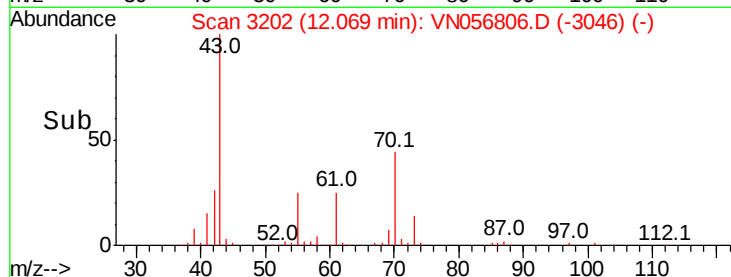
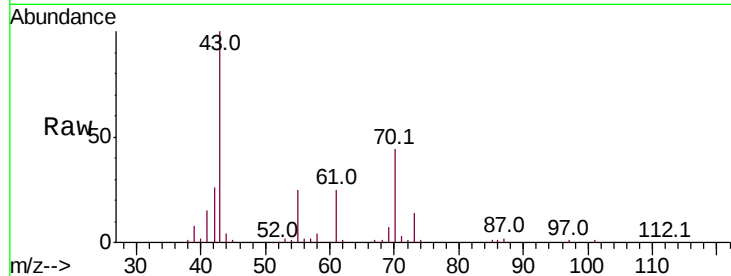
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion: 43 Resp: 110733

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: 19.064 ug/l

RT: 10.38 min Scan# 2677

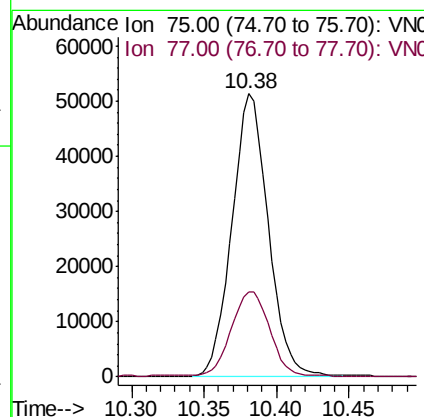
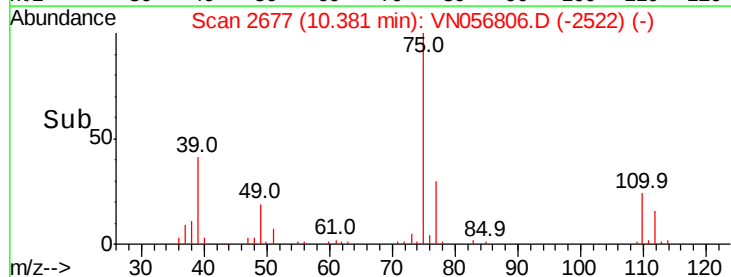
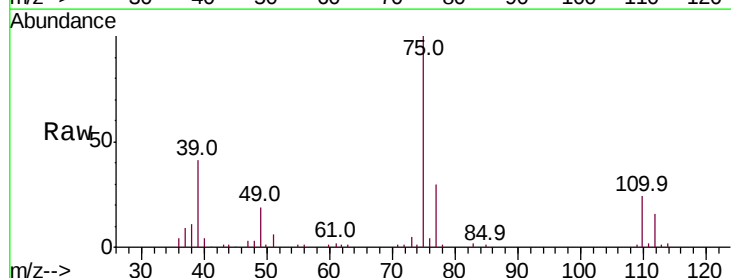
Delta R.T. -0.00 min

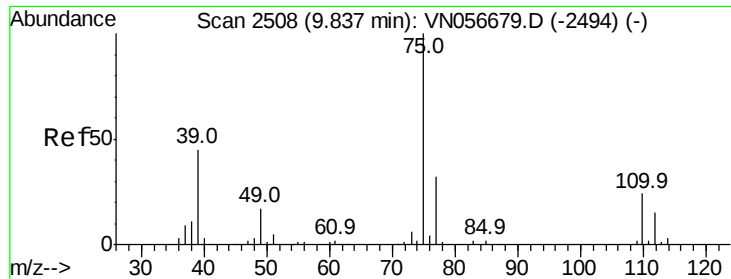
Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion: 75 Resp: 89456

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.7	38.5





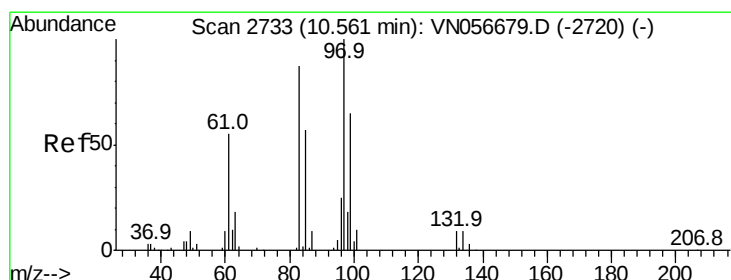
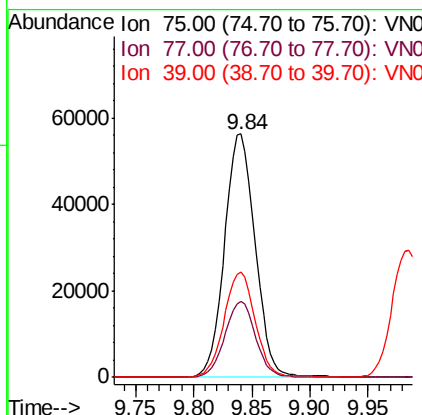
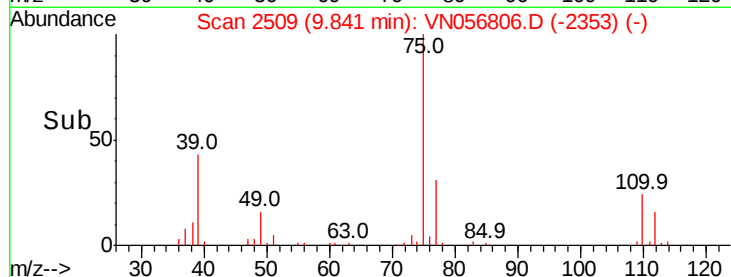
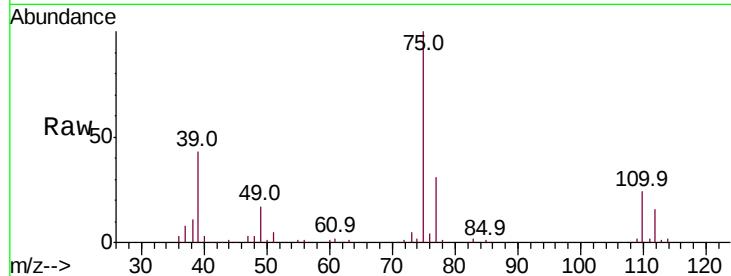
#49
 cis-1,3-Dichloropropene
 Concen: 19.546 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	31.0	26.0	39.0	
39	43.3	36.2	54.4	

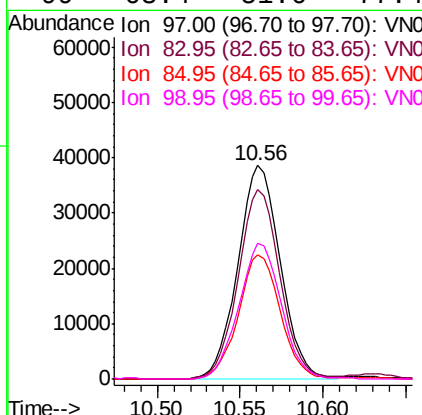
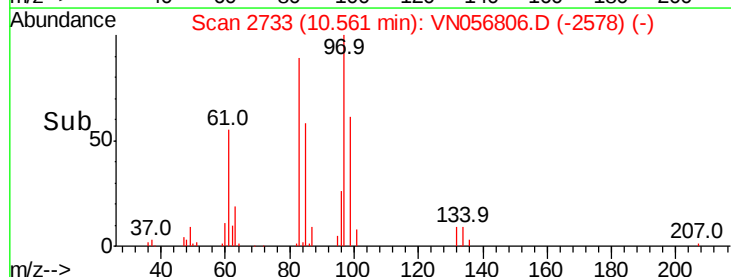
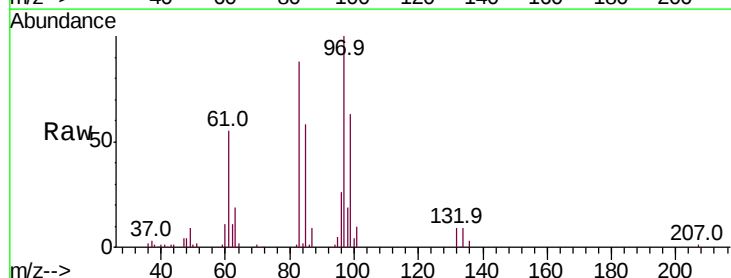
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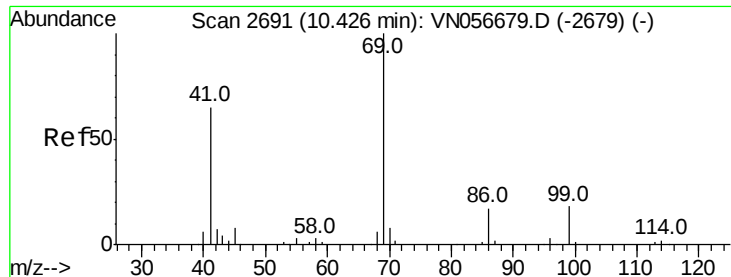
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 20.419 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	88.5	69.2	103.8	
85	58.2	45.3	67.9	
99	63.4	51.6	77.4	





#51

Ethyl methacrylate

Concen: 19.805 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

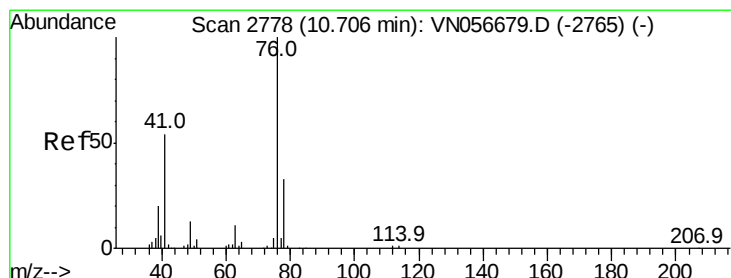
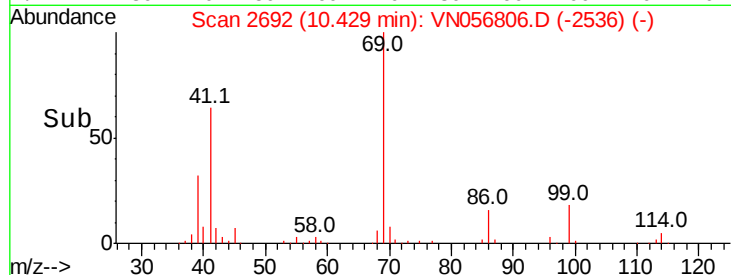
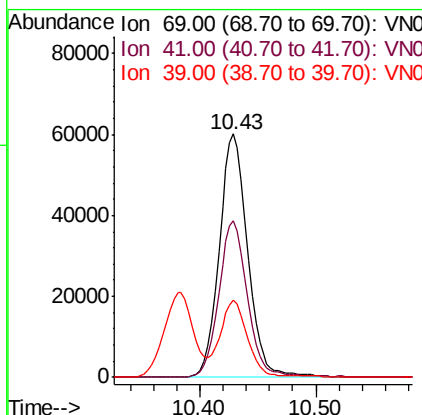
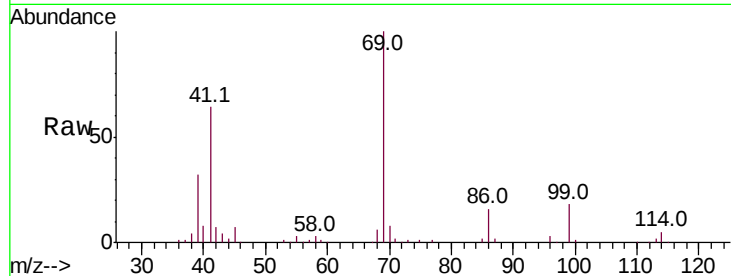
ClientSampled :

VN0718WBSD01

Tot Ion:	69	Resp:	102728
Ion Ratio	Lower	Upper	
69	100		
41	63.7	32.8	98.3
39	31.5	15.4	46.2

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.503 ug/l

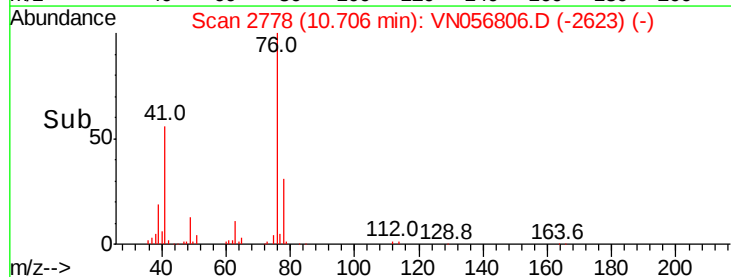
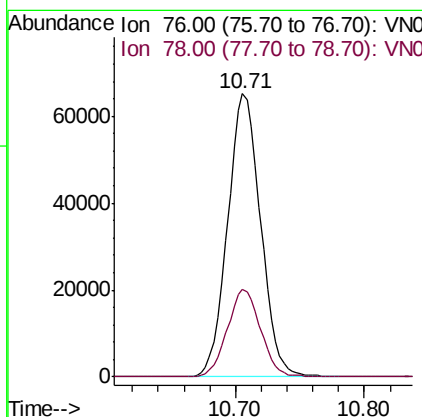
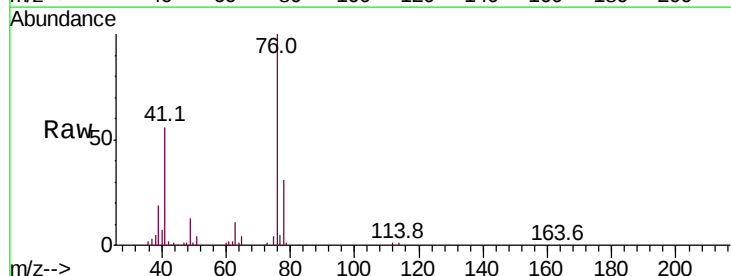
RT: 10.71 min Scan# 2778

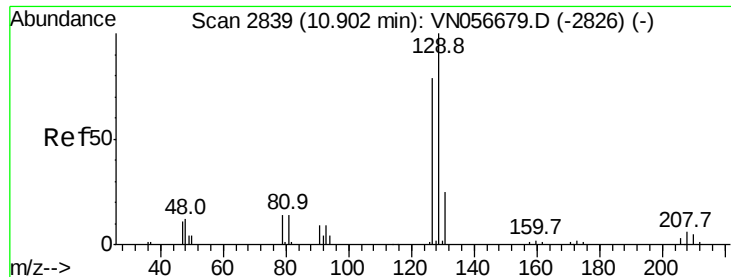
Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion:	76	Resp:	115690
Ion Ratio	Lower	Upper	
76	100		
78	31.1	0.0	63.6





#53

Dibromochloromethane

Concen: 19.802 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tot Ion:129 Resp: 67490

Ion Ratio Lower Upper

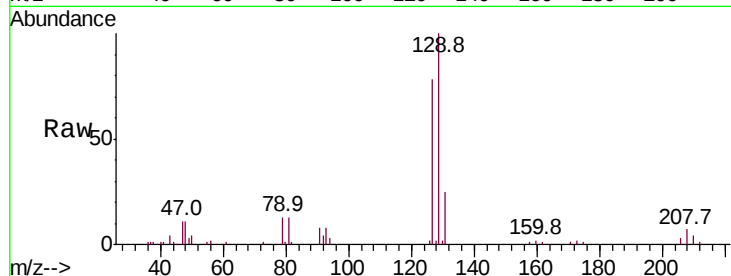
129 100

127 77.8 38.7 116.1

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

40000

30000

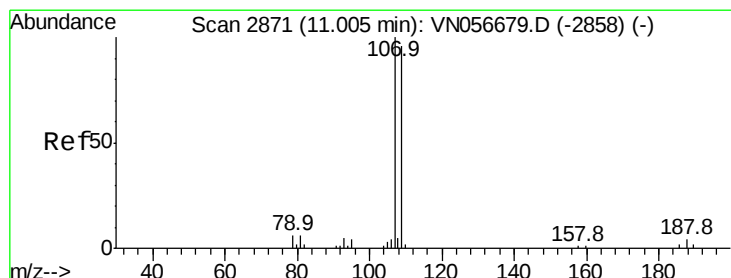
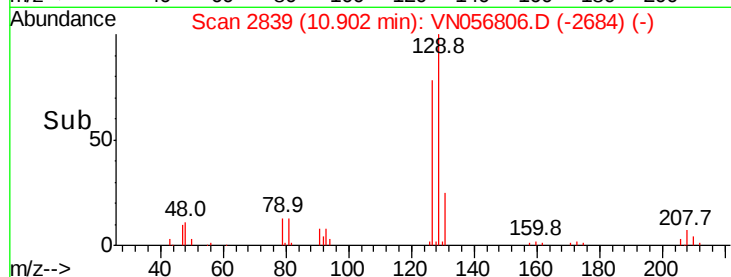
20000

10000

0

10.85 10.90 10.95

Time-->



#54

1,2-Dibromoethane

Concen: 20.205 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056806.D

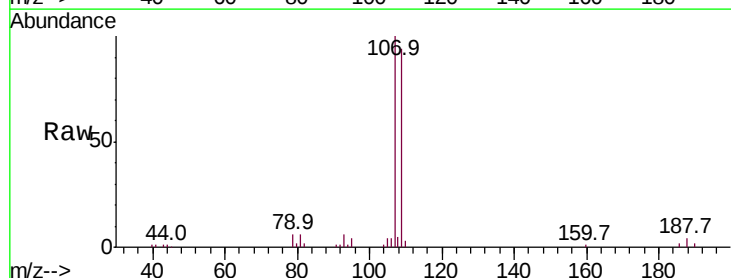
Acq: 18 Jul 2019 11:42

Tgt Ion:107 Resp: 70814

Ion Ratio Lower Upper

107 100

109 95.4 77.9 116.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

40000

30000

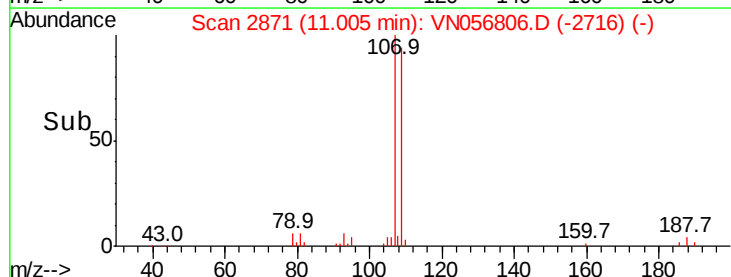
20000

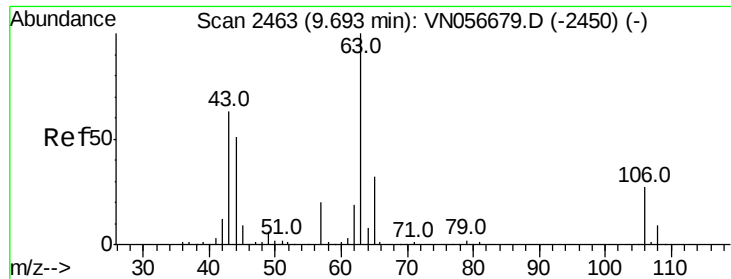
10000

0

10.95 11.00 11.05 11.10

Time-->





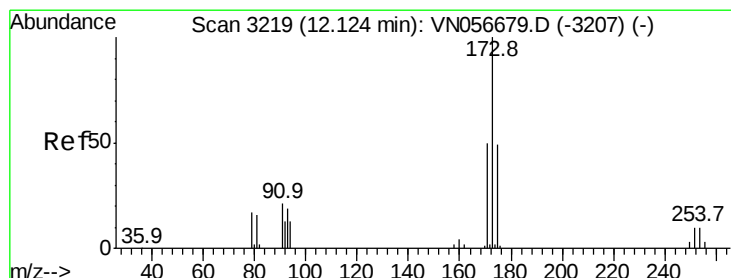
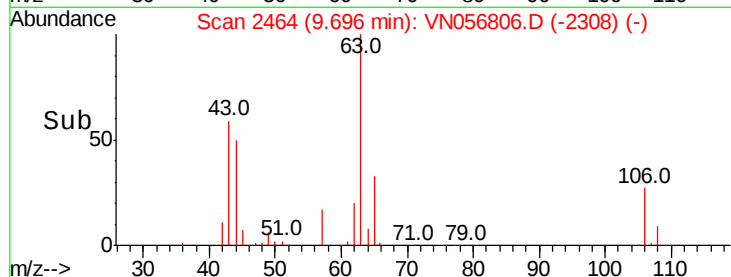
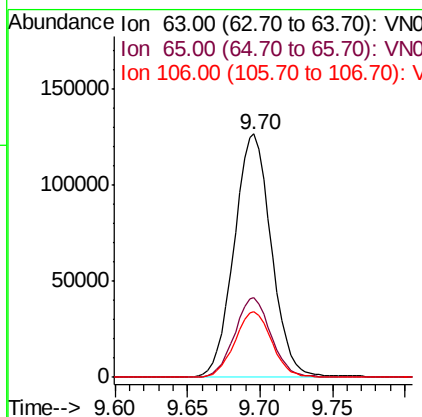
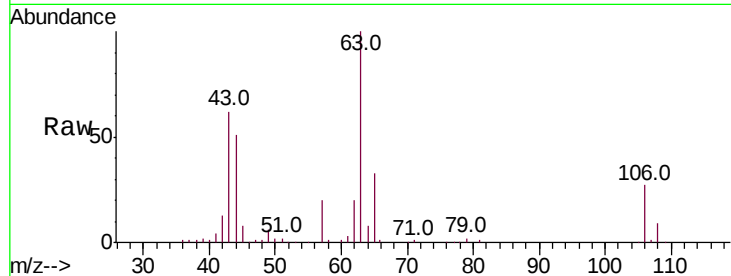
#55
2-Chloroethyl vinyl ether
Concen: 90.009 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.2	37.8
106	26.9	21.6	32.4

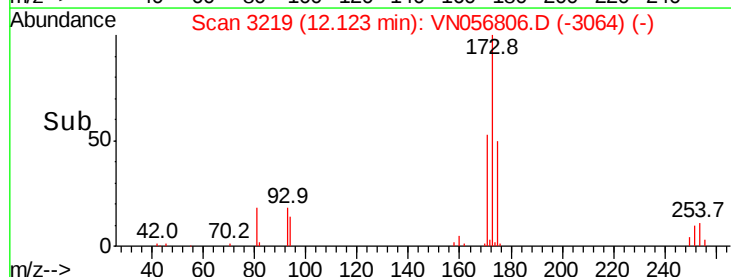
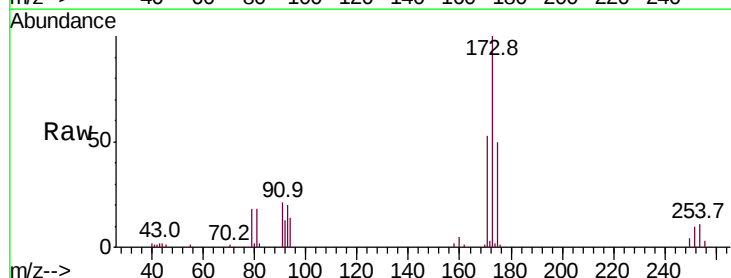
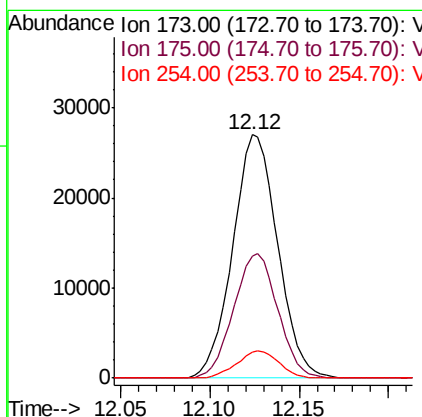
Manual Integrations
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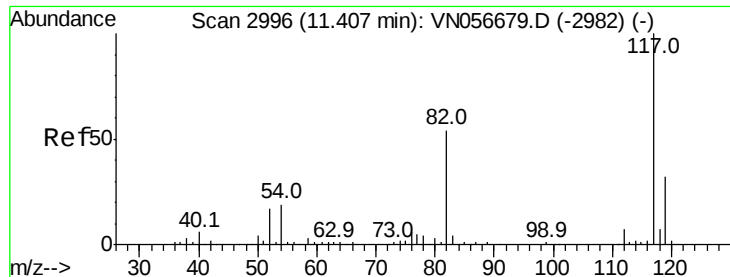
MMDadoda
7/19/2019 11:31:35 PM



#56
Bromoform
Concen: 18.860 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.7	59.5
254	10.3	7.8	11.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

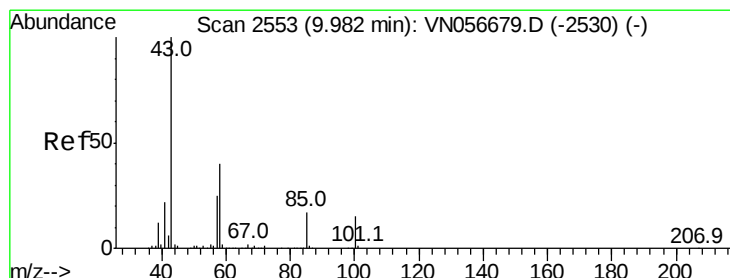
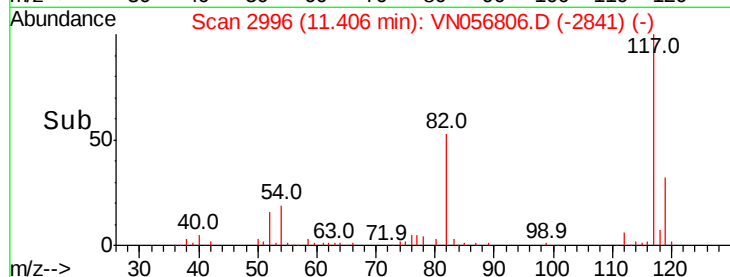
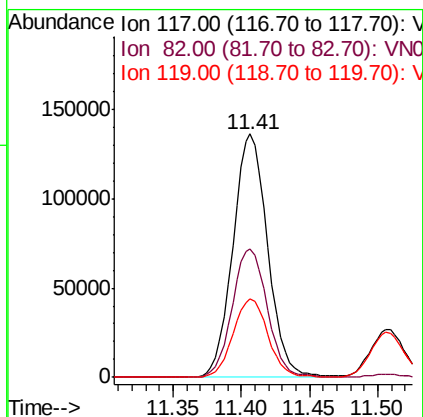
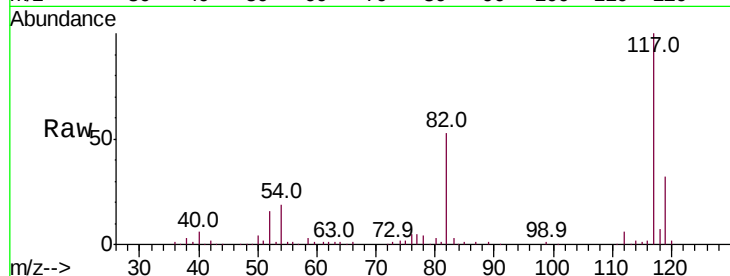
ClientSampled :

VN0718WBSD01

Tot Ion:	117	Resp:	241019
Ion Ratio	Lower	Upper	
117	100		
82	53.3	43.0	64.4
119	32.5	26.0	39.0

Manual Integrations
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#58

4-Methyl-2-Pentanone

Concen: 101.792 ug/l

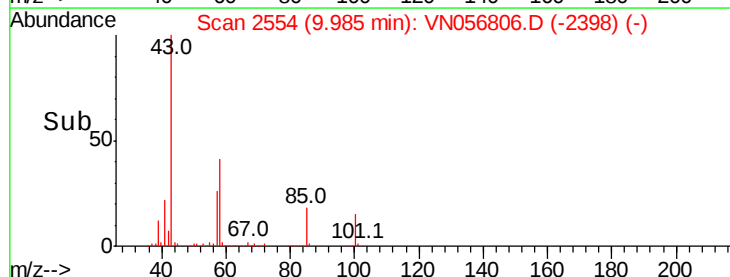
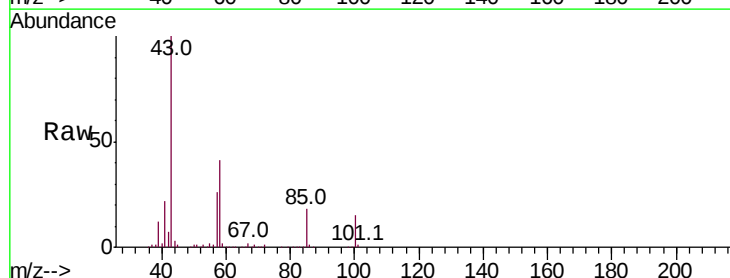
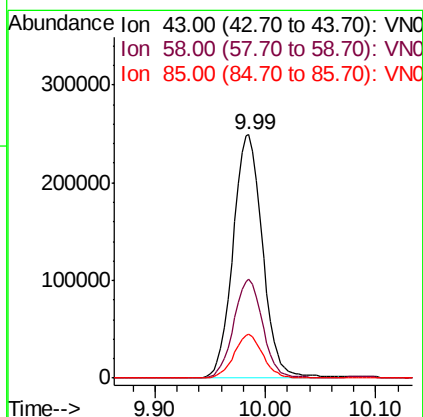
RT: 9.99 min Scan# 2554

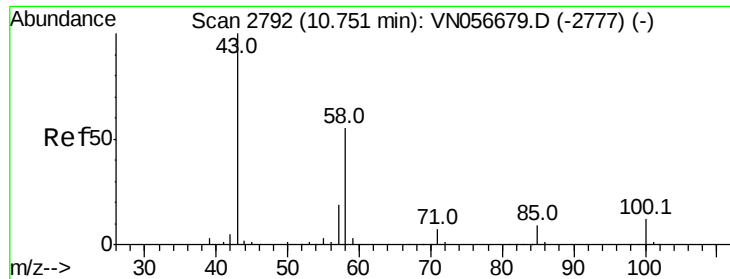
Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion:	43	Resp:	461764
Ion Ratio	Lower	Upper	
43	100		
58	40.0	31.9	47.9
85	17.5	14.2	21.4





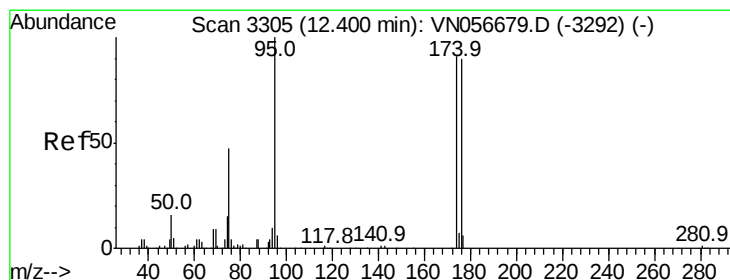
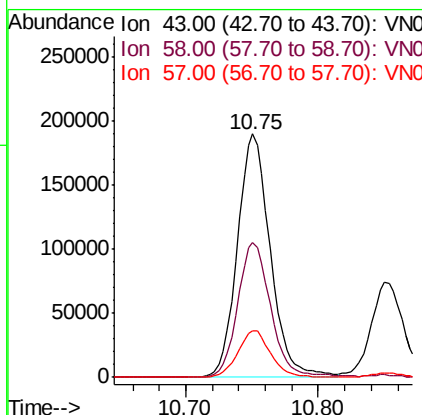
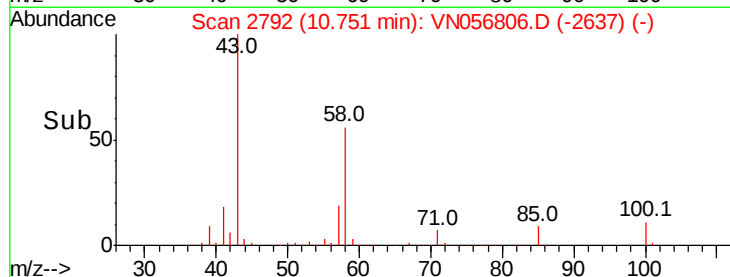
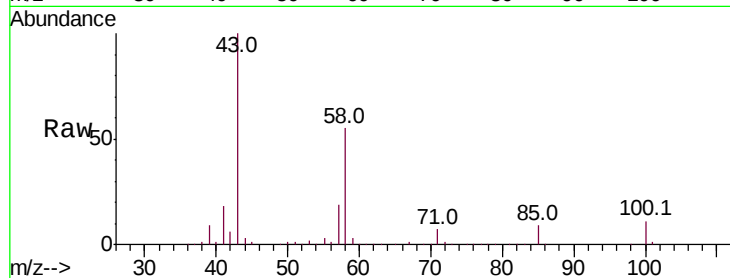
#59
2-Hexanone
Concen: 94.887 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	44.4	66.6
57	19.3	15.2	22.8

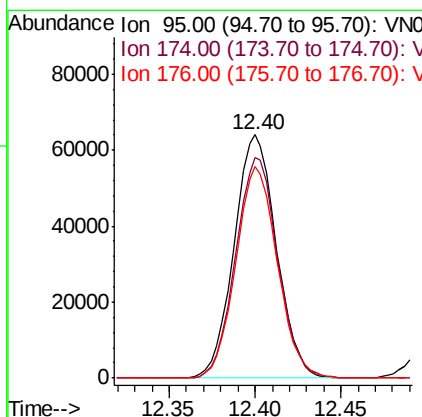
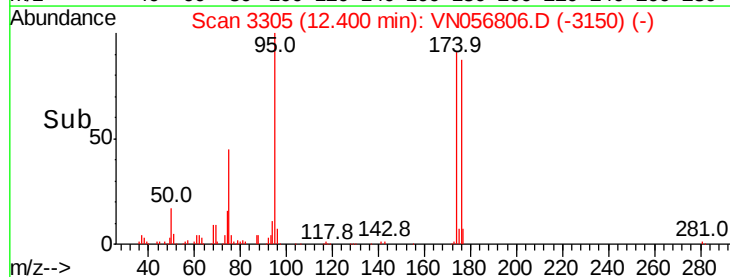
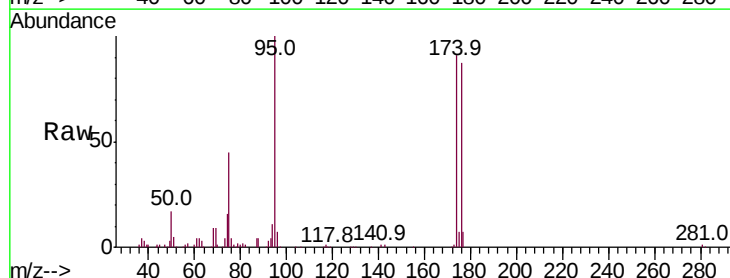
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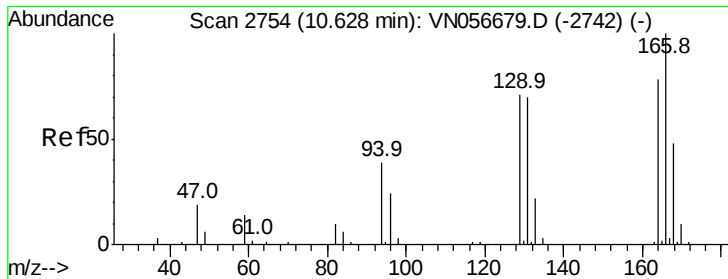
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.717 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	72.6	108.8
176	85.4	71.0	106.6





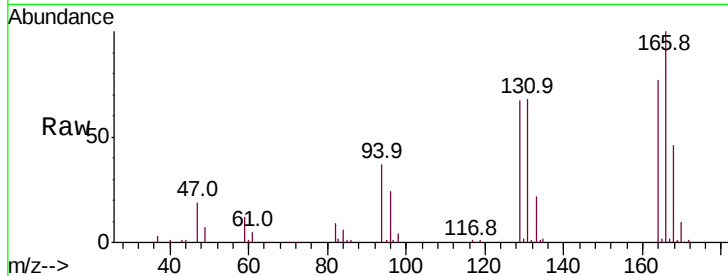
#61
Tetrachloroethene
Concen: 21.461 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

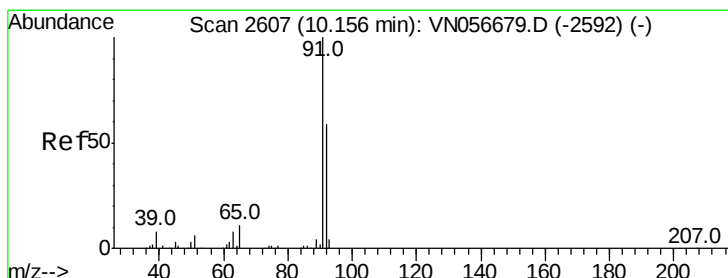
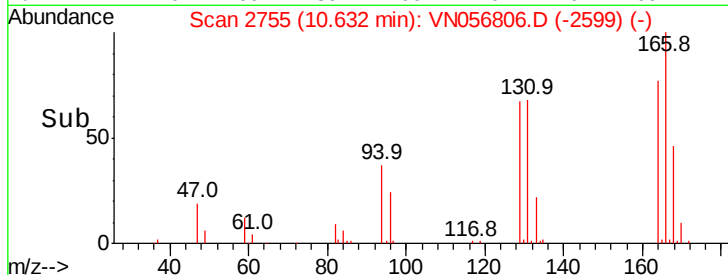
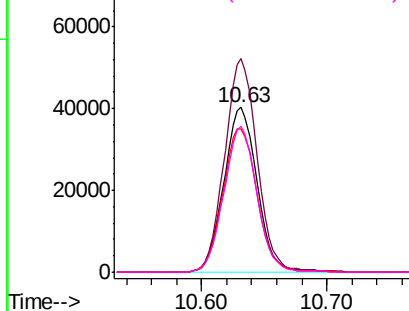
Tot Ion:164 Resp: 74326
Ion Ratio Lower Upper
164 100
166 129.8 102.3 153.5
129 87.0 72.6 108.8
131 88.6 71.4 107.2

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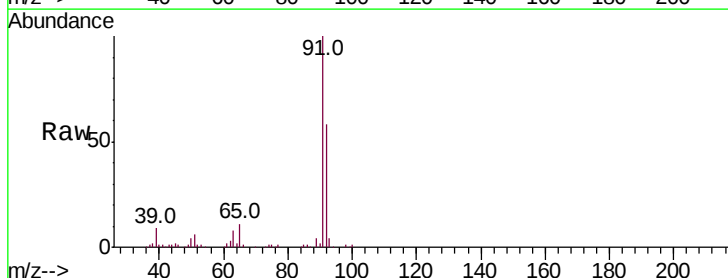


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

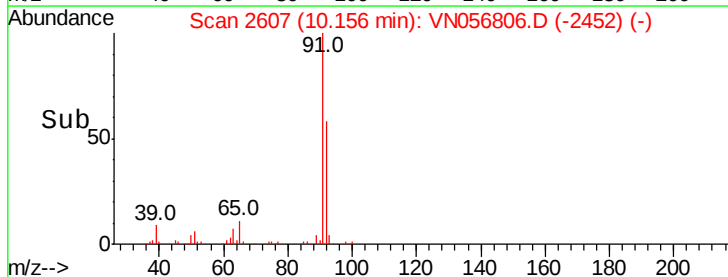
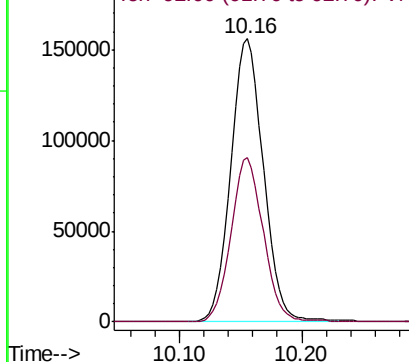


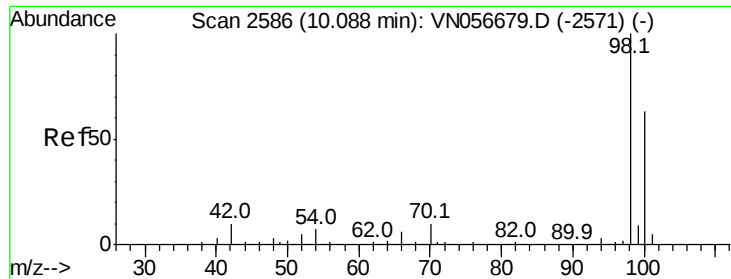
#62
Toluene
Concen: 20.544 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 91 Resp: 290823
Ion Ratio Lower Upper
91 100
92 57.5 46.7 70.1



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





#63

Toluene-d8

Concen: 30.608 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tot Ion: 98 Resp: 337065

Ion Ratio Lower Upper

98 100

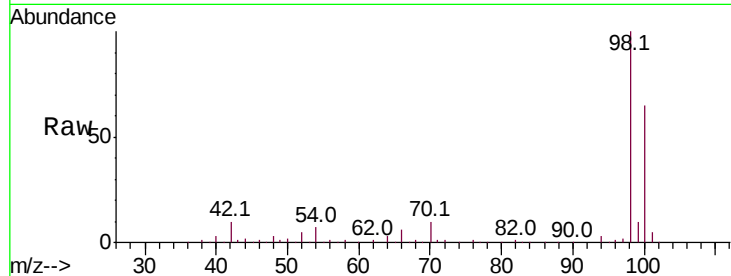
100 63.9 51.1 76.7

Manual Integrations

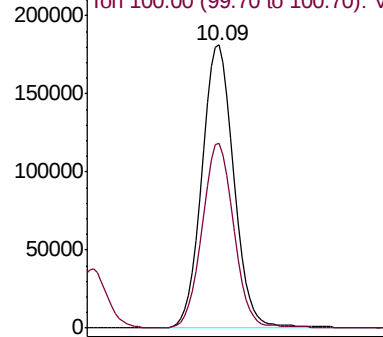
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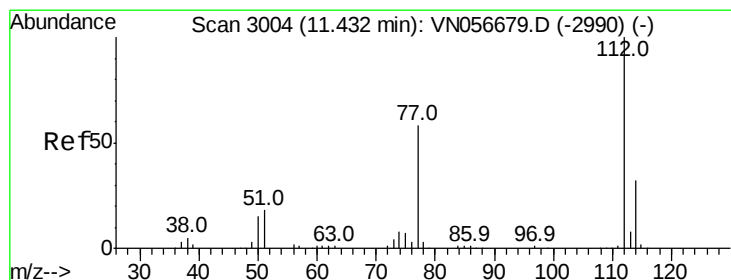
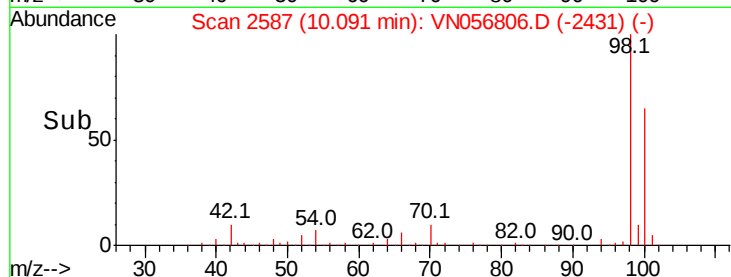
7/19/2019 11:31:35 PM



Abundance Ion 98.00 (97.70 to 98.70): VN056679.D (-2571) (-)



Time-->



#64

Chlorobenzene

Concen: 20.230 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056806.D

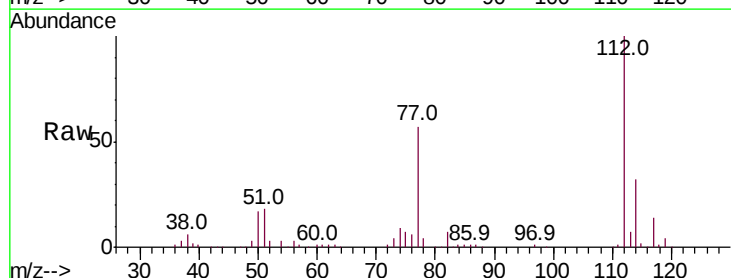
Acq: 18 Jul 2019 11:42

Tgt Ion: 112 Resp: 174669

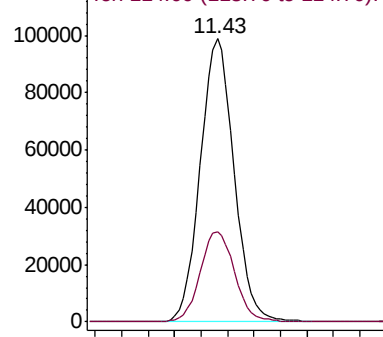
Ion Ratio Lower Upper

112 100

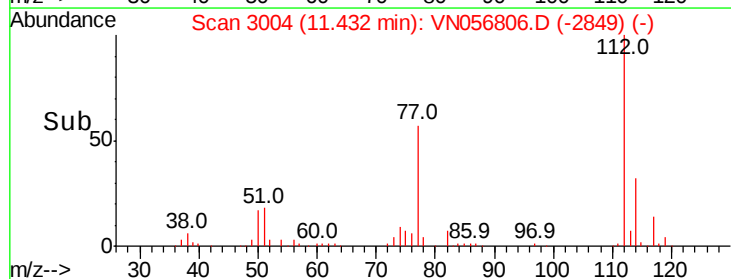
114 31.7 25.3 37.9

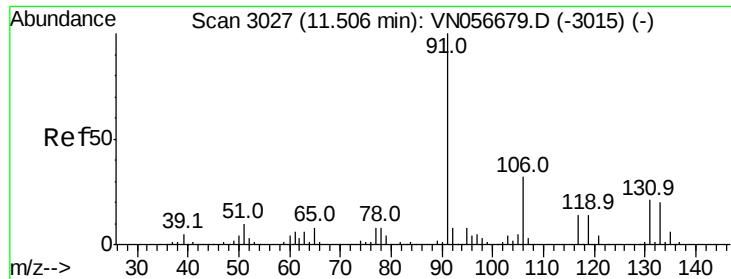


Abundance Ion 112.00 (111.70 to 112.70): VN056679.D (-2990) (-)



Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.535 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

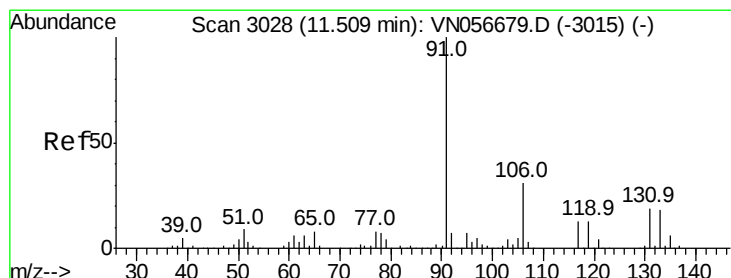
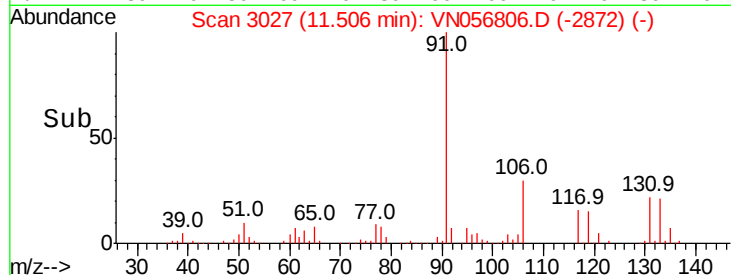
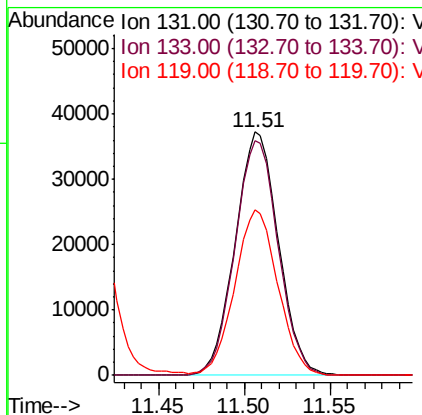
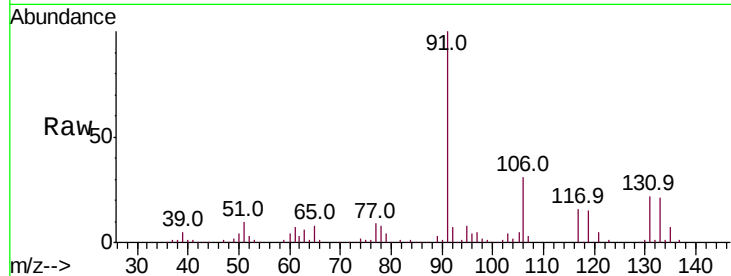
ClientSampleID :

VN0718WBSD01

Tot Ion:	131	Resp:	65003
Ion Ratio	Lower	Upper	
131	100		
133	96.2	0.0	191.4
119	67.7	0.0	133.4

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#66

Ethyl Benzene

Concen: 20.086 ug/l

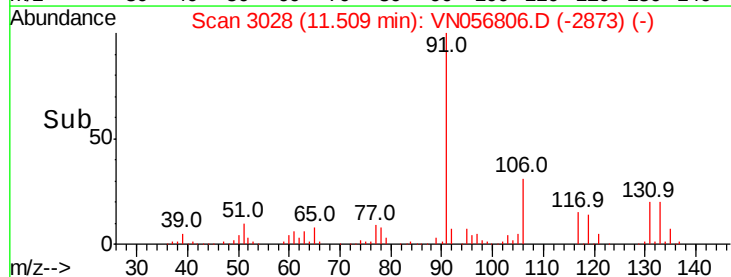
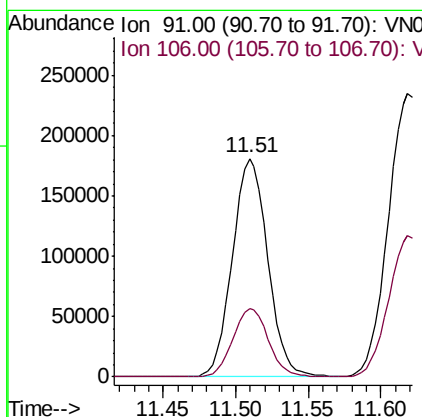
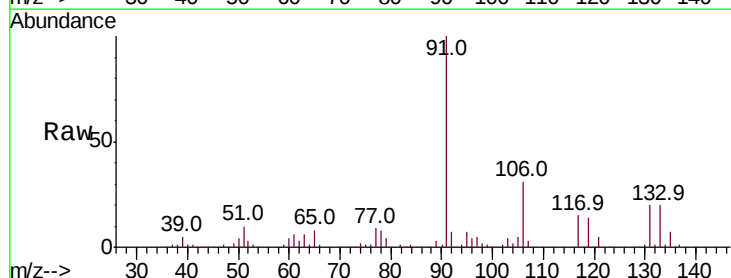
RT: 11.51 min Scan# 3028

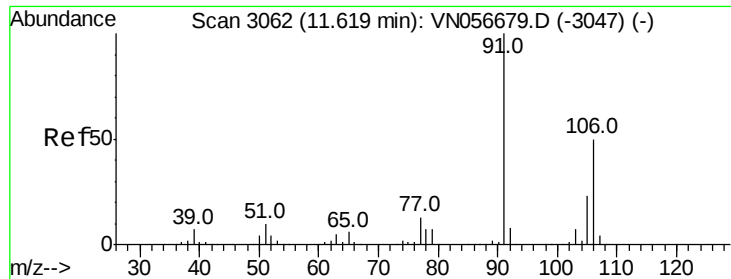
Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion:	91	Resp:	307350
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.1	37.7





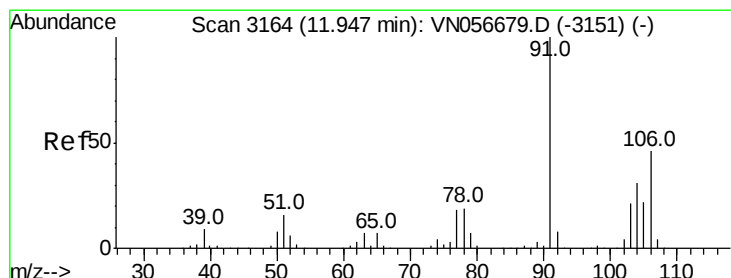
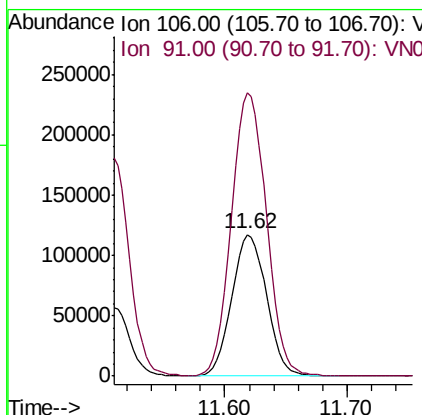
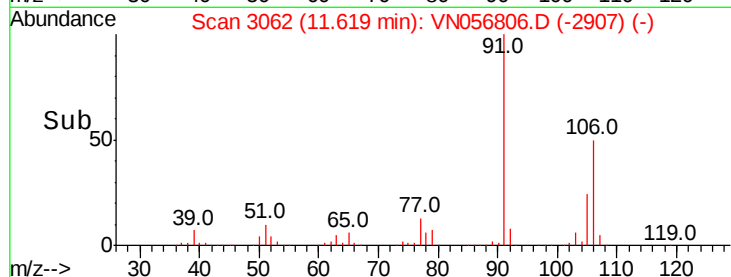
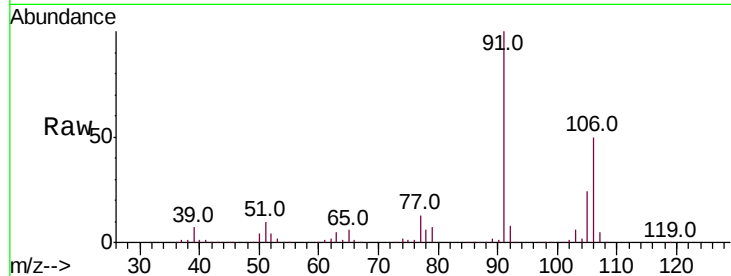
#67
m/p-Xylenes
Concen: 40.246 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion:106 Resp: 232412
Ion Ratio Lower Upper
106 100
91 201.4 161.8 242.8

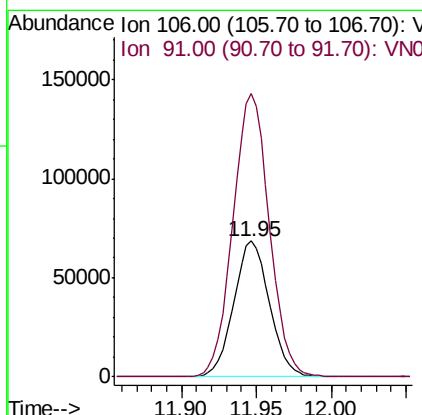
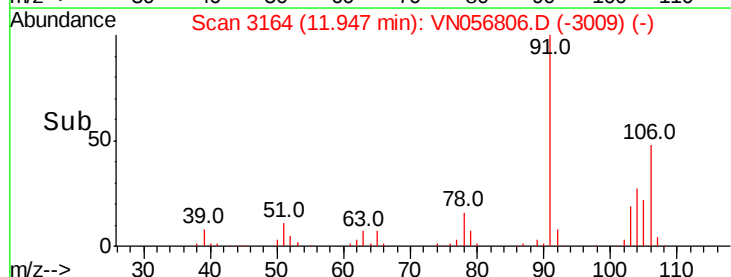
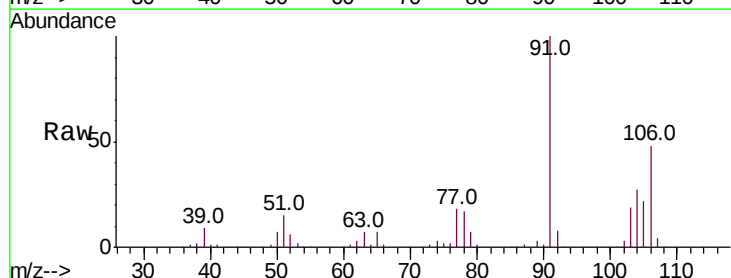
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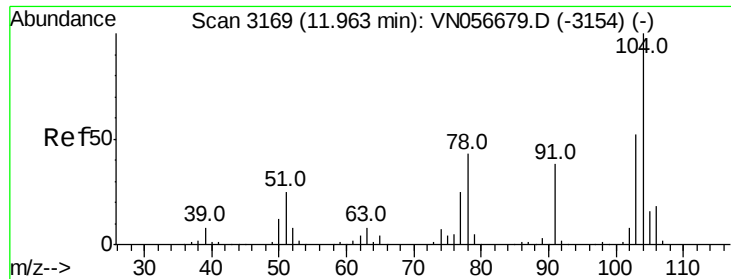
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#68
o-Xylene
Concen: 20.249 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion:106 Resp: 114051
Ion Ratio Lower Upper
106 100
91 212.2 108.1 324.2





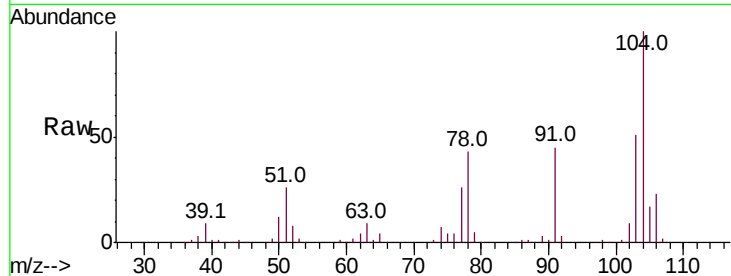
#69
Stvrene
Concen: 19.764 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

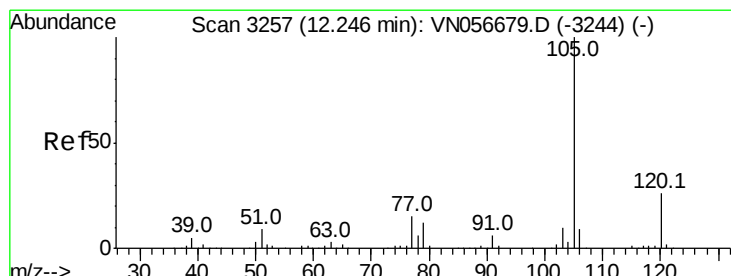
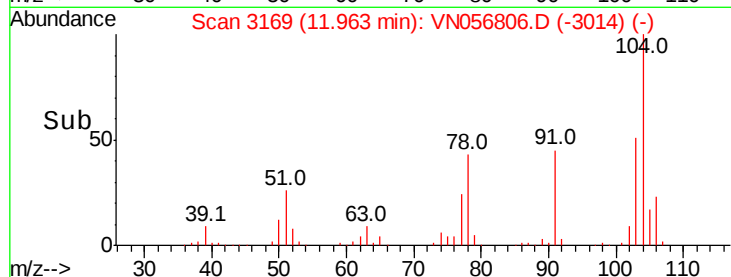
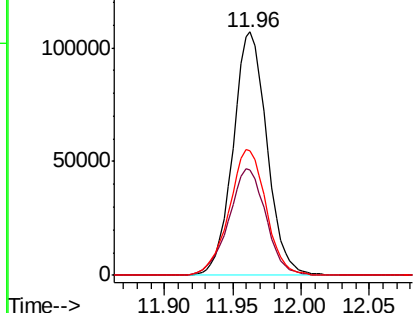
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.7	58.1
103	56.3	45.0	67.4

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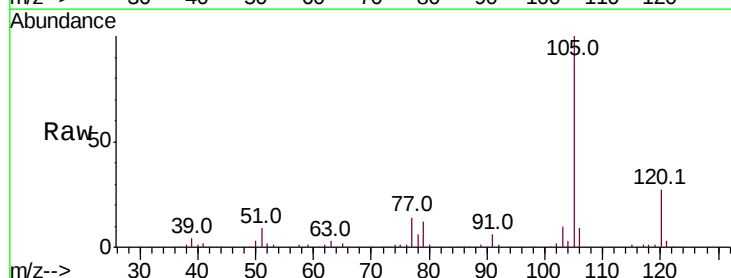


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

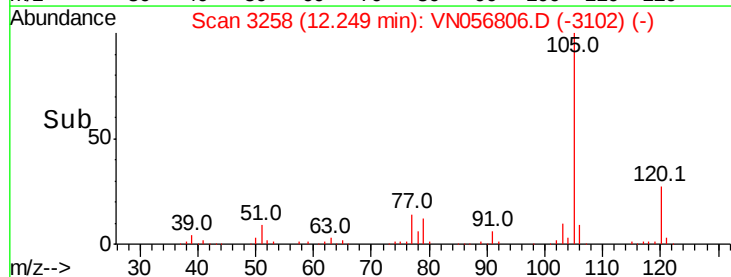
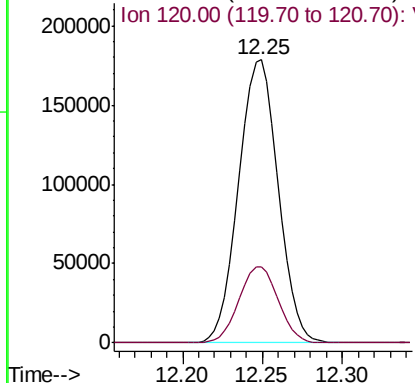


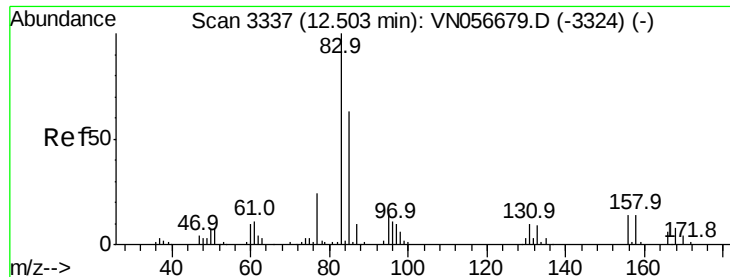
#70
Isopropylbenzene
Concen: 20.410 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.6	34.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





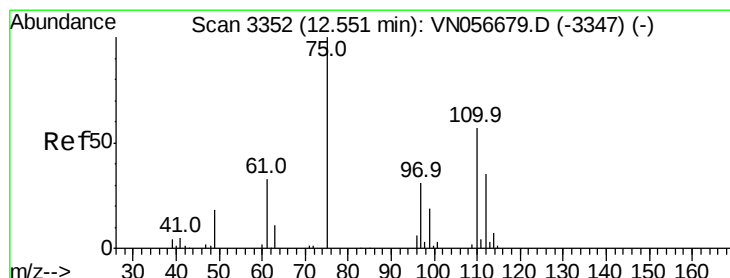
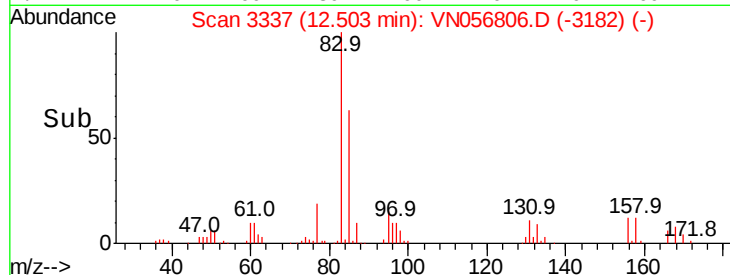
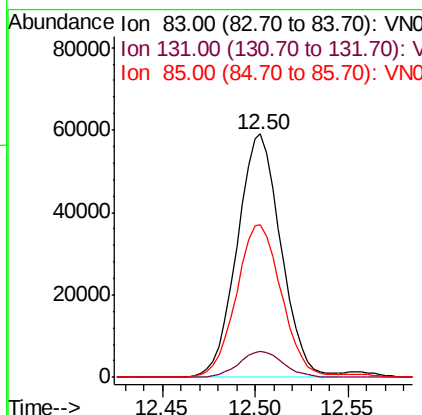
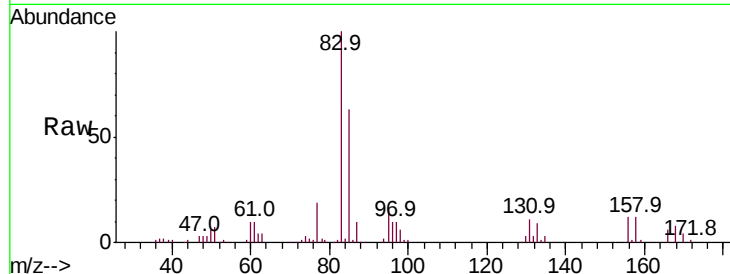
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.272 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.9	5.1	15.3	
85	64.6	31.9	95.7	

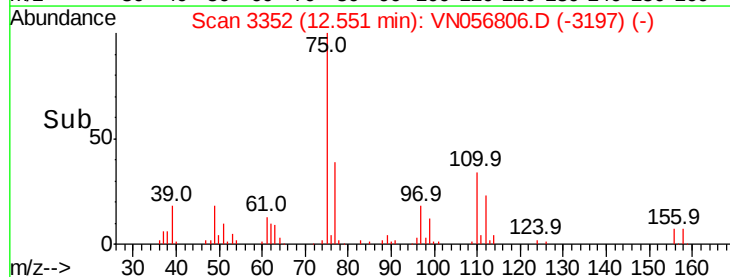
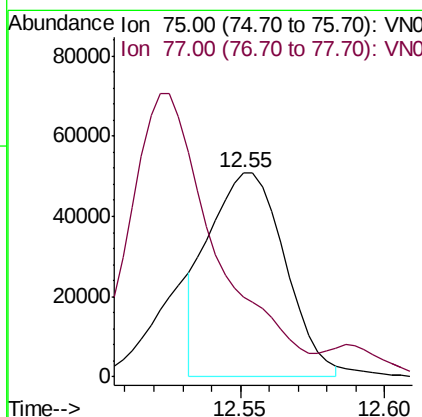
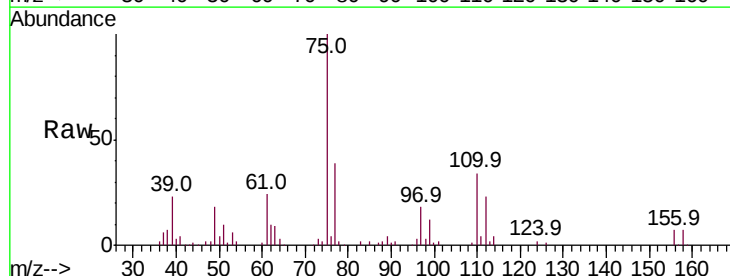
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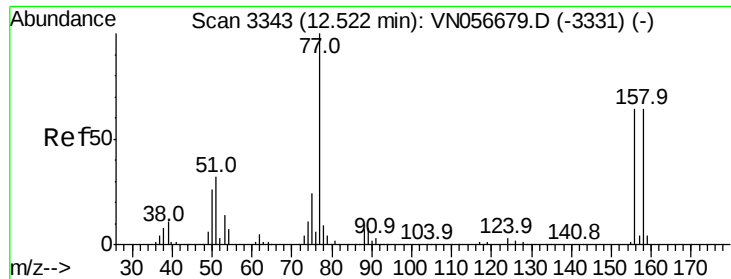
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#72
 1,2,3-Trichloropropane
 Concen: 22.795 ug/l m
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	159.1	0.0	352.2	





#73

Bromobenzene

Concen: 20.348 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

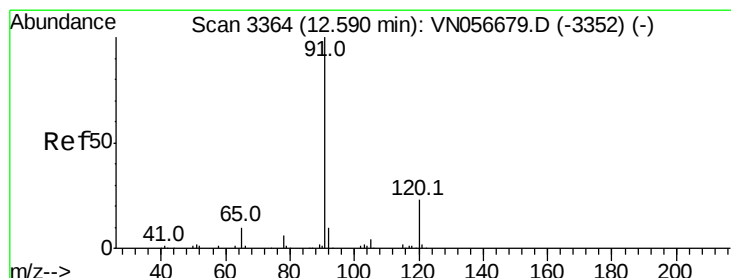
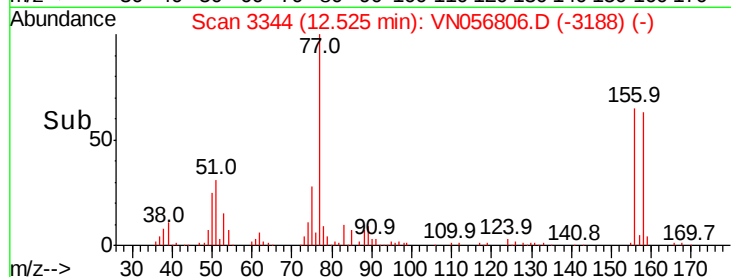
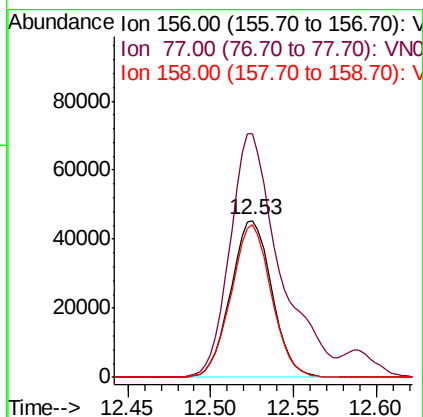
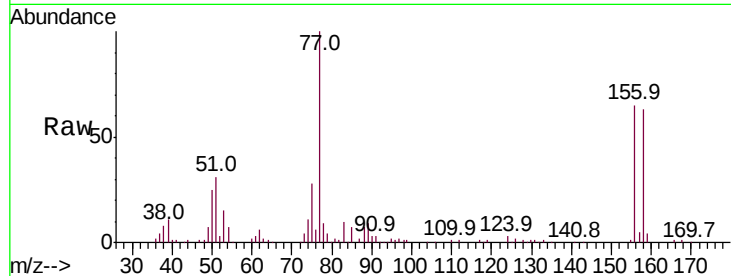
ClientSampleId :

VN0718WBSD01

Tot Ion:	156	Resp:	78506
Ion Ratio	Lower	Upper	
156	100		
77	189.2	0.0	381.8
158	95.7	0.0	195.8

Manual Integrations
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#74

n-propylbenzene

Concen: 19.628 ug/l

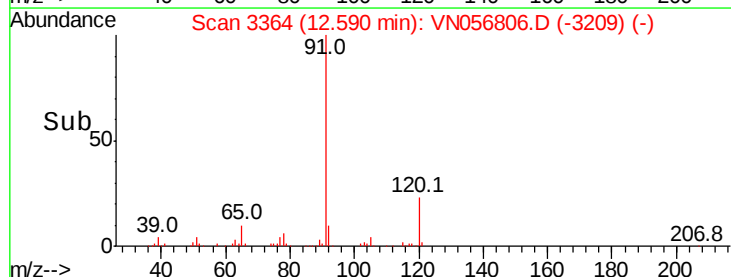
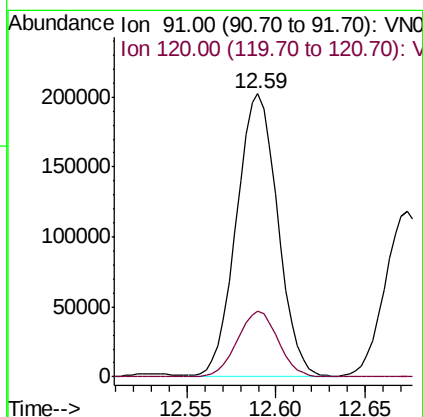
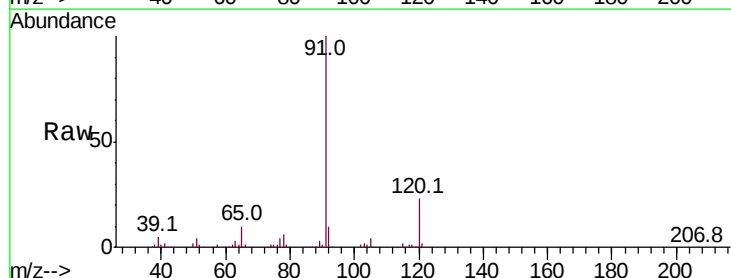
RT: 12.59 min Scan# 3364

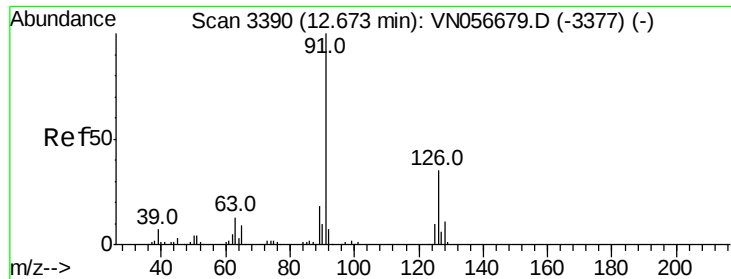
Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion:	91	Resp:	326947
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	45.6





#75

2-Chlorotoluene

Concen: 19.868 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tot Ion: 91 Resp: 199313

Ion Ratio Lower Upper

91 100

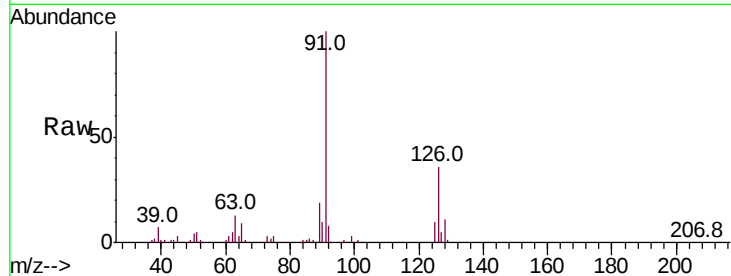
126 35.7 0.0 69.8

Manual Integrations

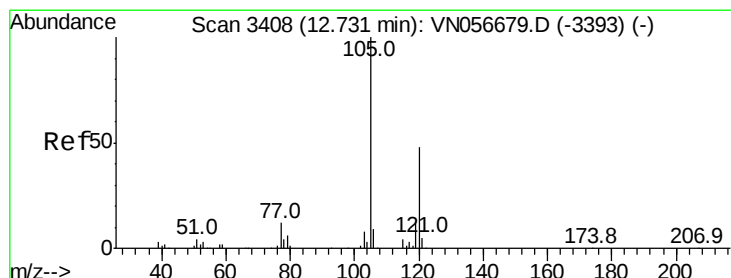
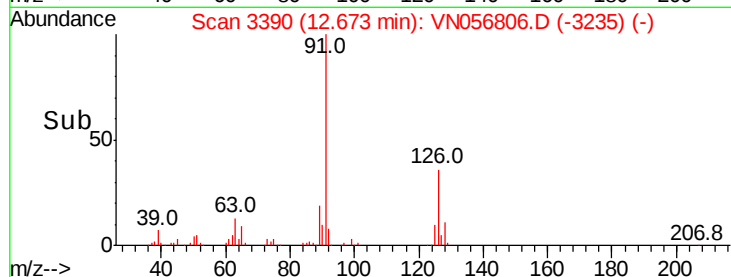
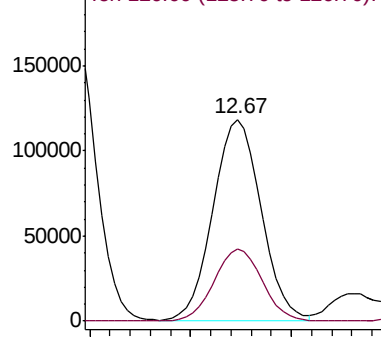
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Abundance Ion 91.00 (90.70 to 91.70): VN056679.D (-3377) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.197 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056806.D

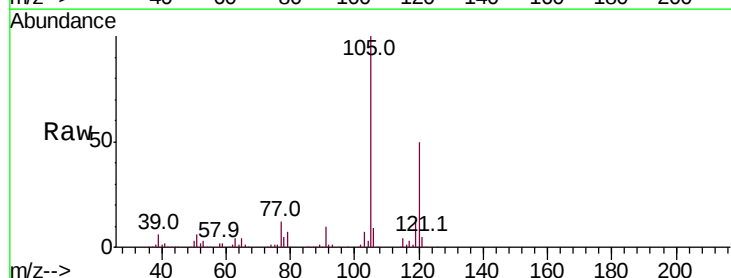
Acq: 18 Jul 2019 11:42

Tgt Ion: 105 Resp: 254342

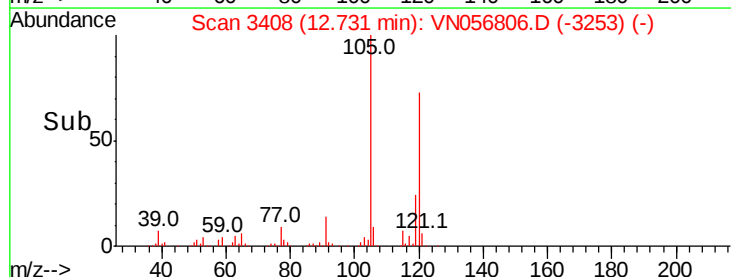
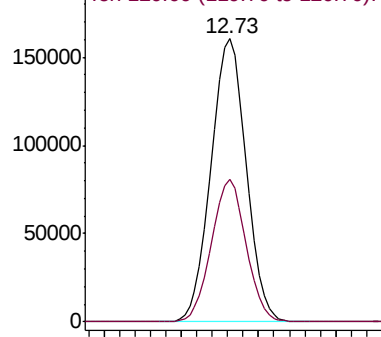
Ion Ratio Lower Upper

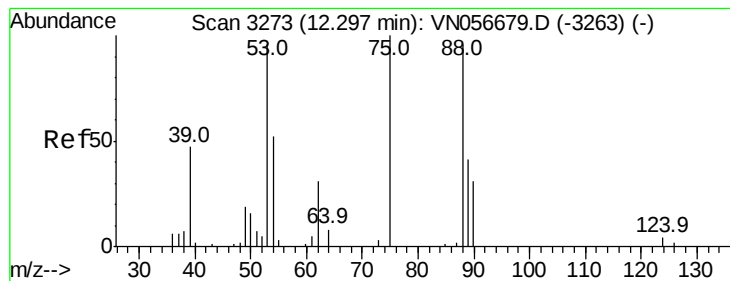
105 100

120 49.5 0.0 97.6



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





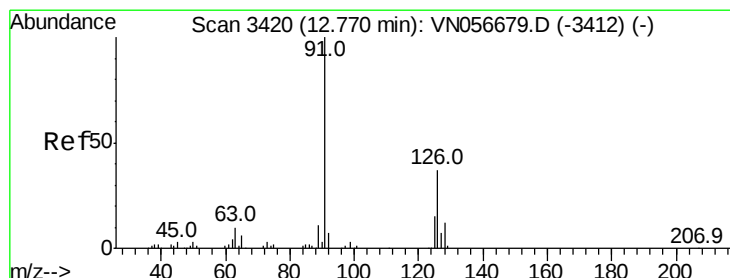
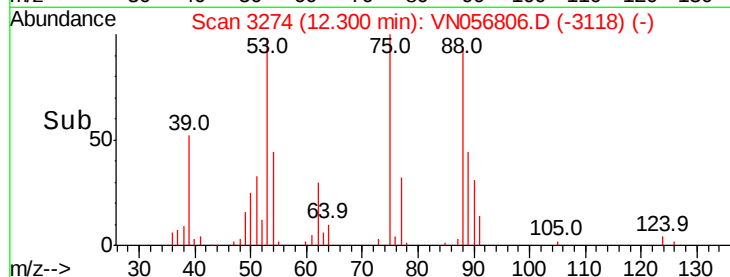
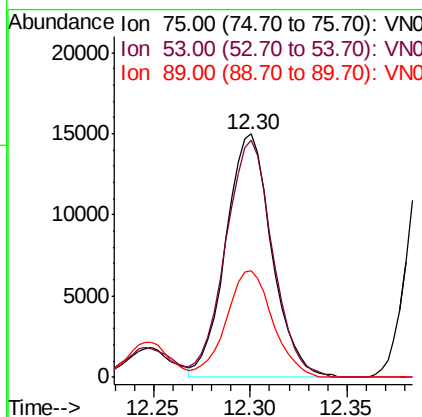
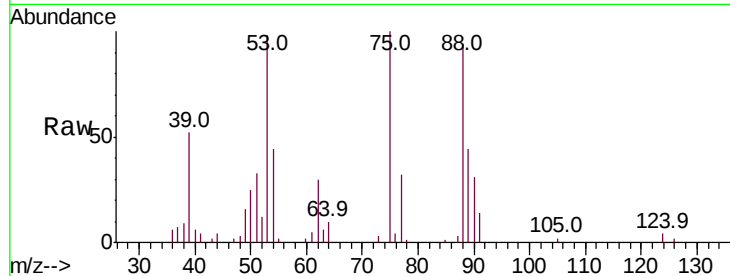
#77
t-1,4-Dichloro-2-butene
Concen: 18.226 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.7	48.6	145.8
89	43.6	21.3	64.0

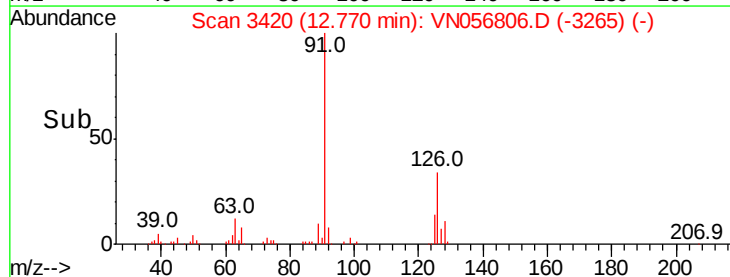
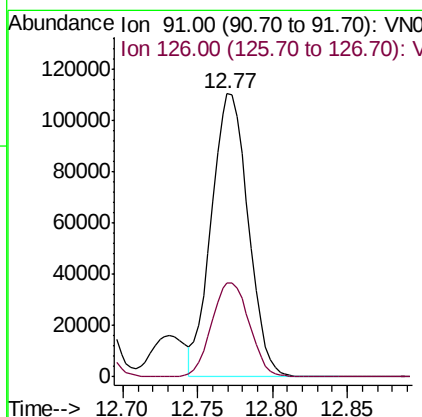
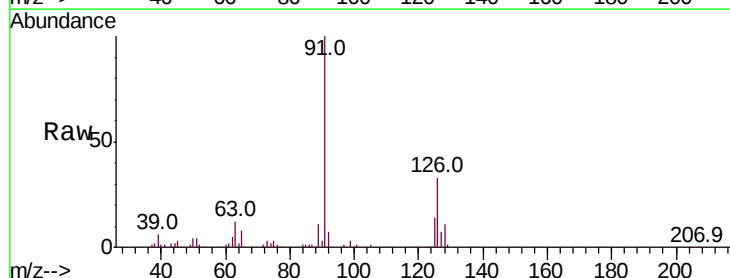
Manual Integrations
APPROVED

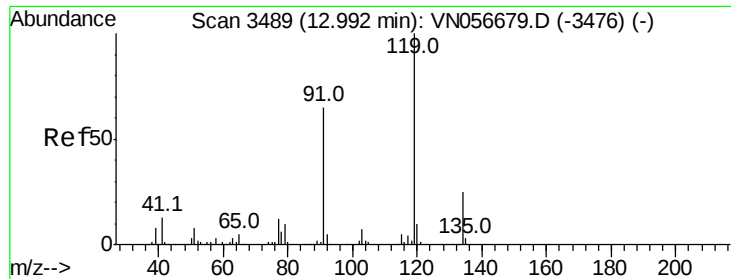
MMDadoda
7/19/2019 11:31:35 PM



#78
4-Chlorotoluene
Concen: 19.477 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	0.0	69.4





#79

tert-butylbenzene

Concen: 20.196 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

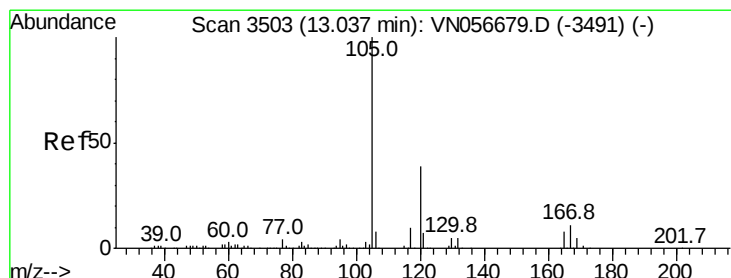
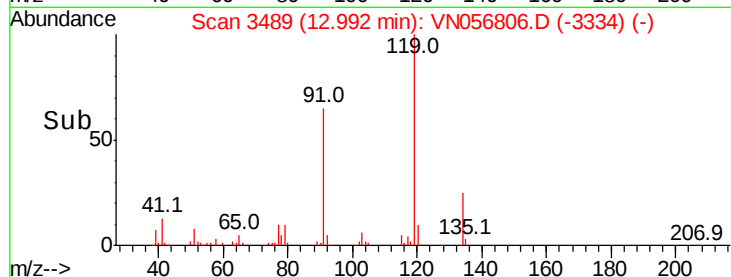
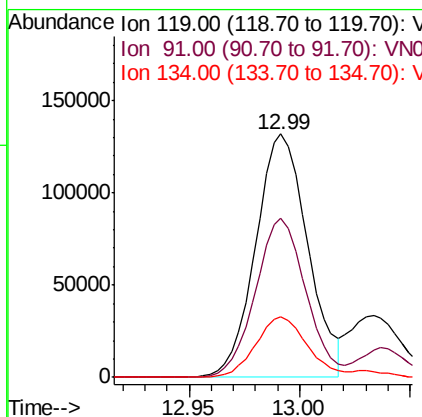
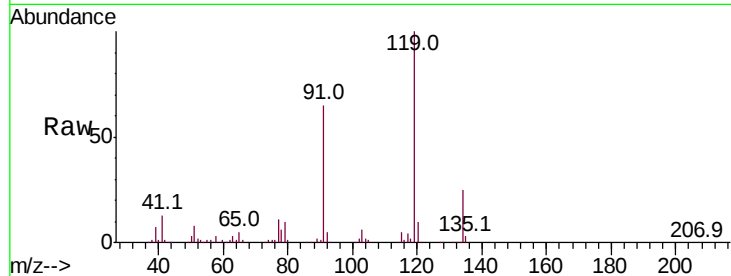
ClientSampleId :

VN0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	216352		
91	63.4	0.0	125.4	
134	24.4	0.0	48.4	

Manual Integrations
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#80

1,2,4-Trimethylbenzene

Concen: 20.311 ug/l

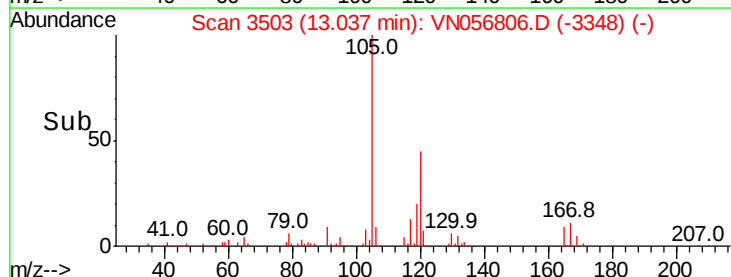
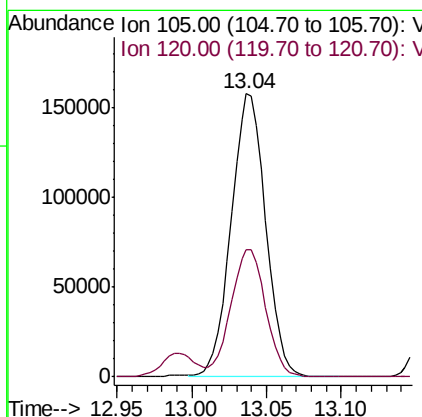
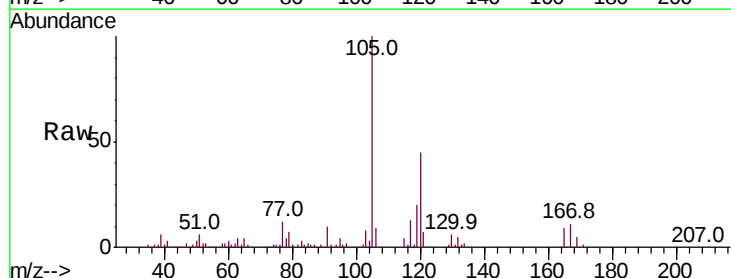
RT: 13.04 min Scan# 3503

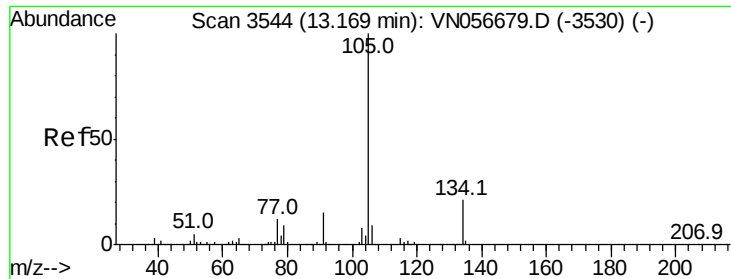
Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	253661		
120	45.7	0.0	91.2	





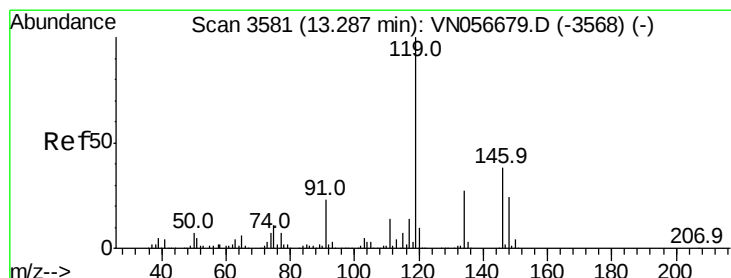
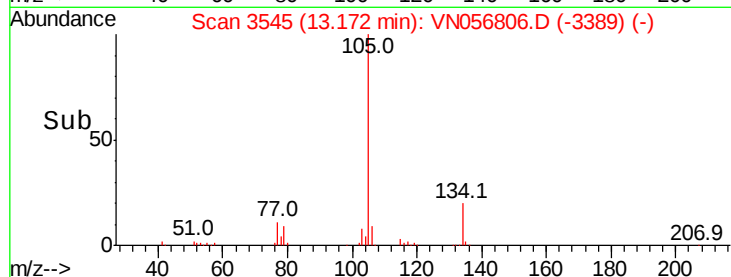
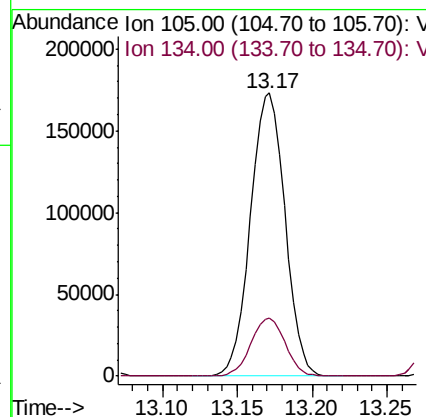
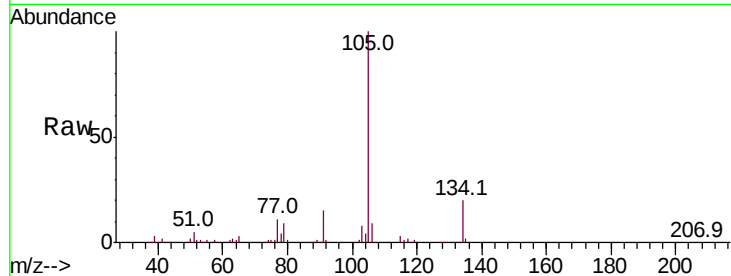
#81
 sec-Butylbenzene
 Concen: 19.651 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	278655		
134	20.4	0.0	40.8	

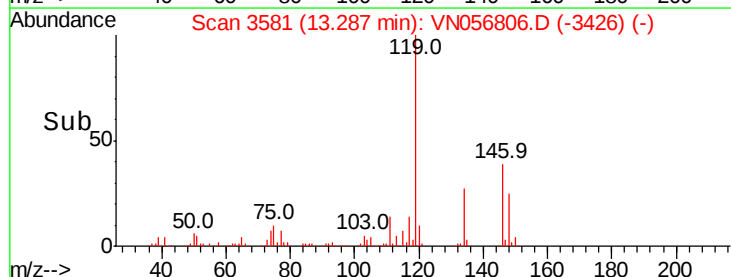
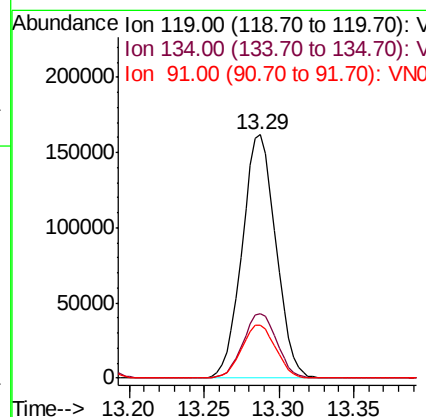
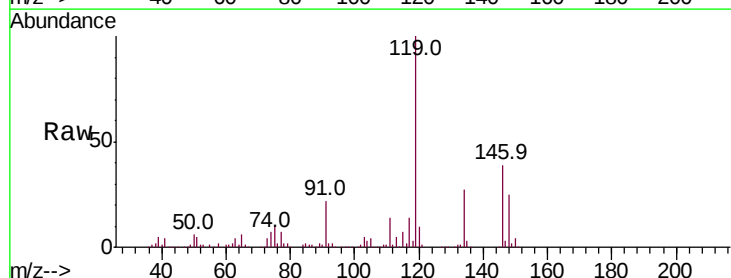
Manual Integrations
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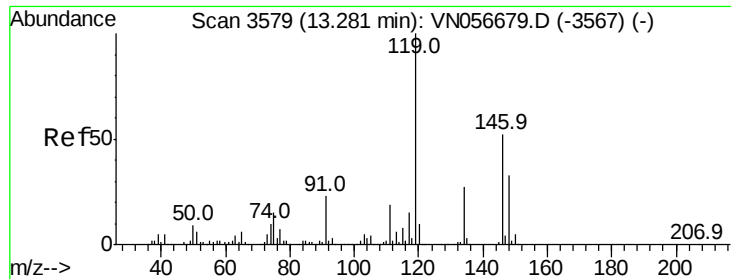
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#82
 p-Isopropyltoluene
 Concen: 19.703 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	254085		
134	26.7	0.0	52.8	
91	22.1	0.0	45.4	





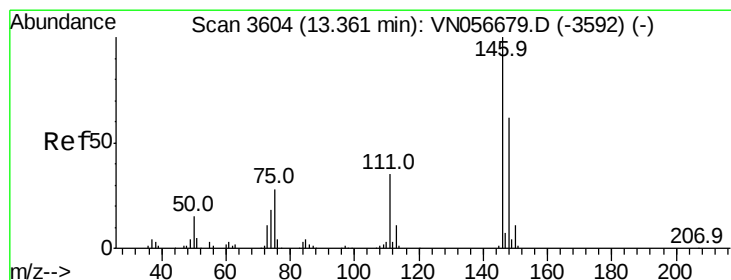
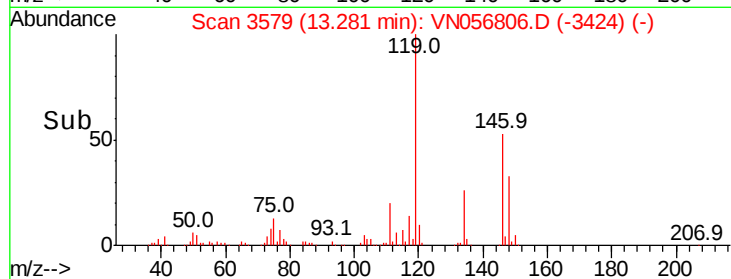
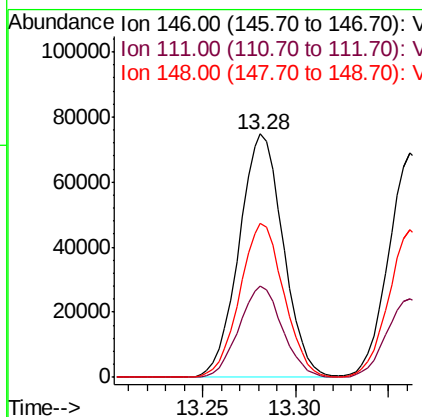
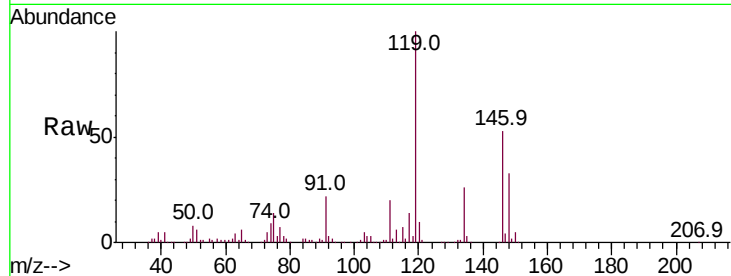
#83
1,3-Dichlorobenzene
Concen: 19.287 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	63.2	31.8	95.4

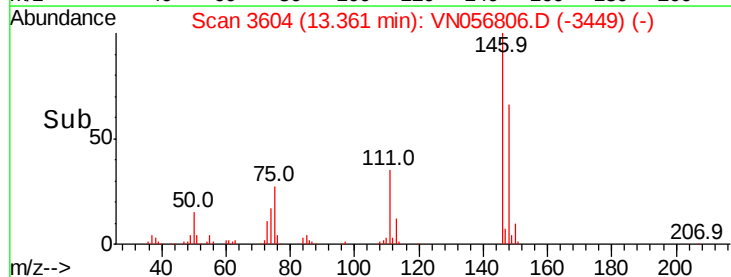
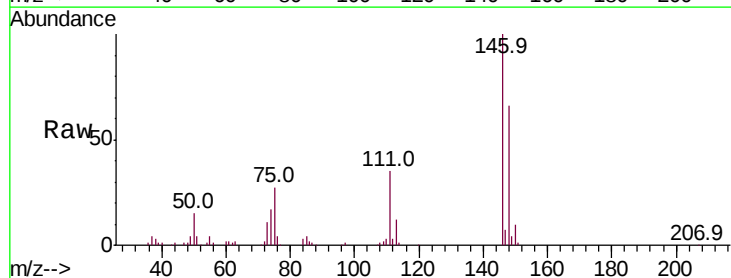
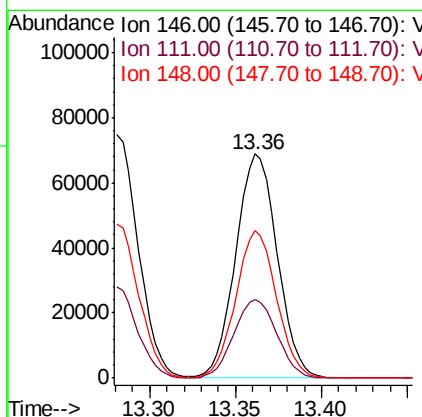
Manual Integrations
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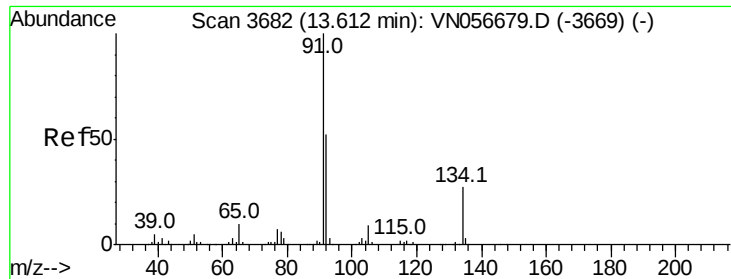
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#84
1,4-Dichlorobenzene
Concen: 18.766 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.8	53.4
148	64.6	31.9	95.5





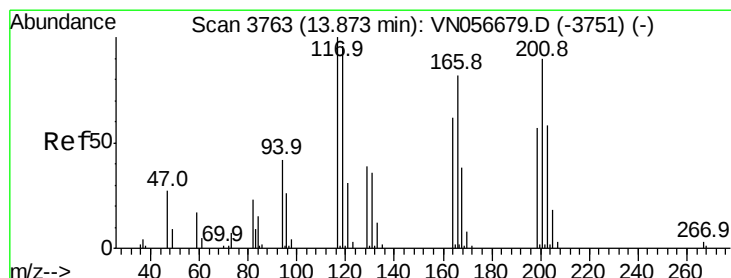
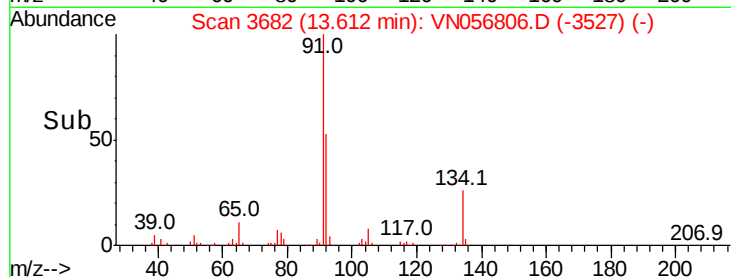
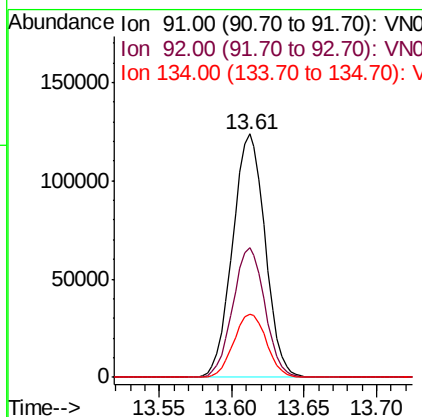
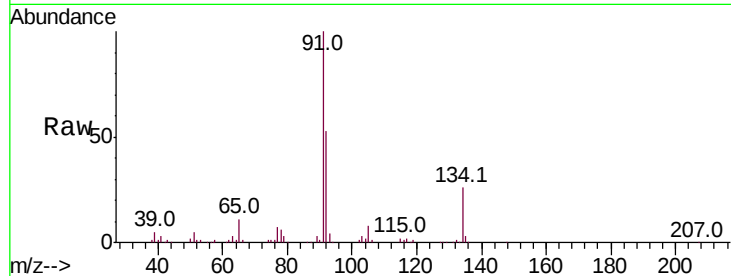
#85
n-Butylbenzene
Concen: 18.143 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	192988		
92	52.3		0.0	104.0
134	26.1		0.0	53.2

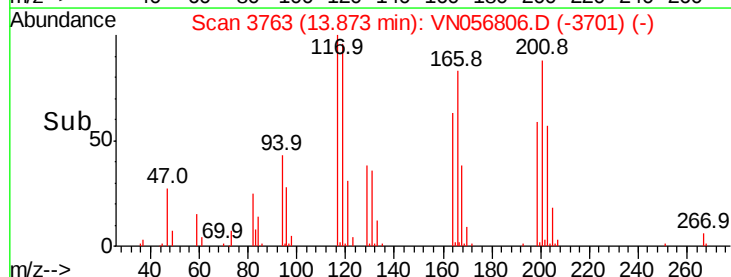
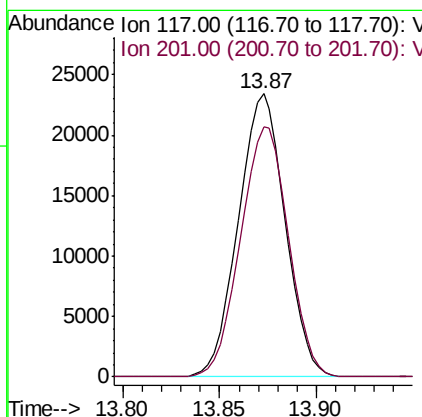
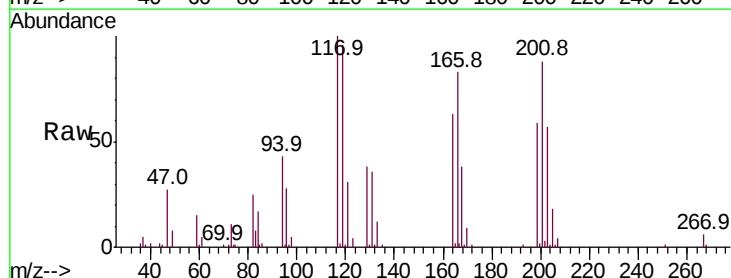
Manual Integrations
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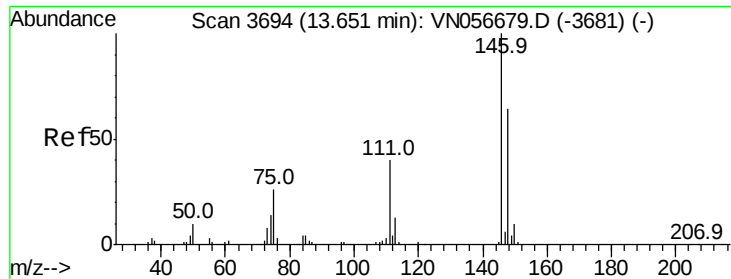
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#86
Hexachloroethane
Concen: 19.457 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39369		
201	90.4		45.6	136.7





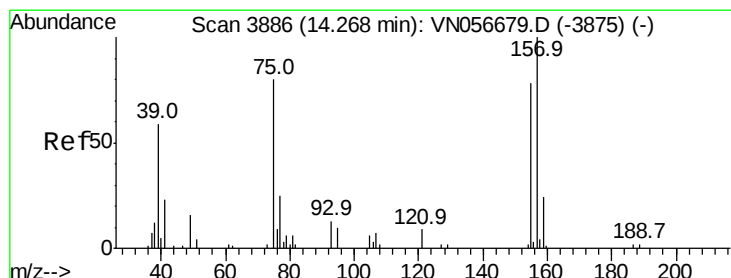
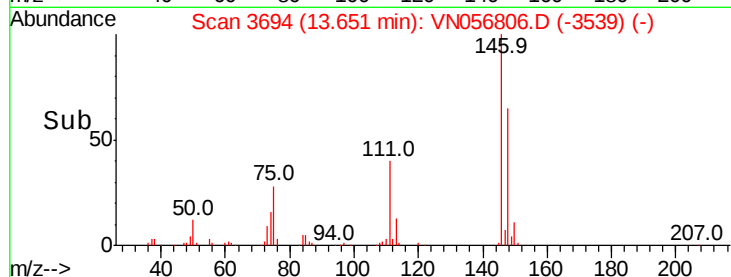
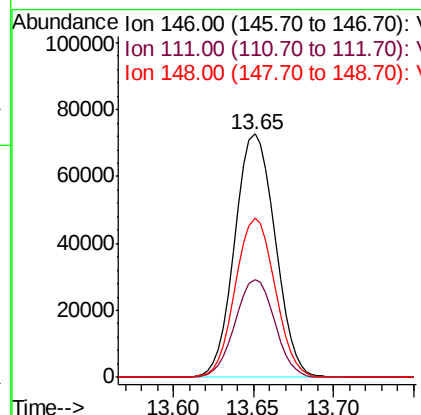
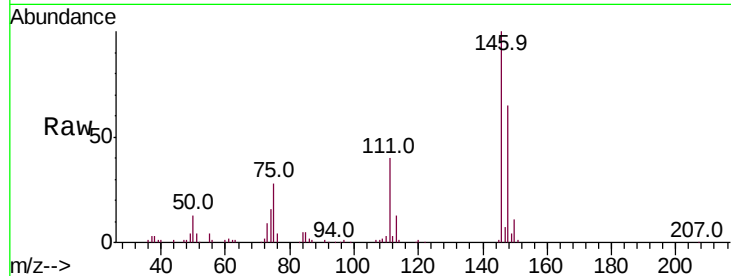
#87
 1,2-Dichlorobenzene
 Concen: 19.445 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	64.2	32.7	98.1

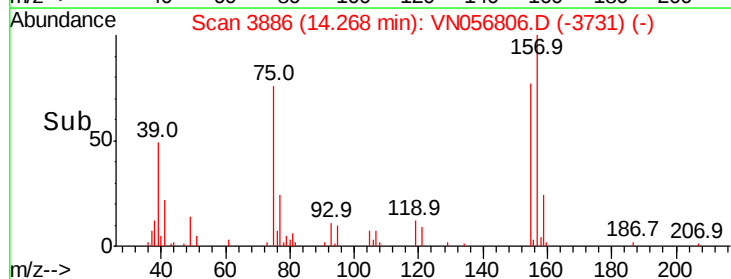
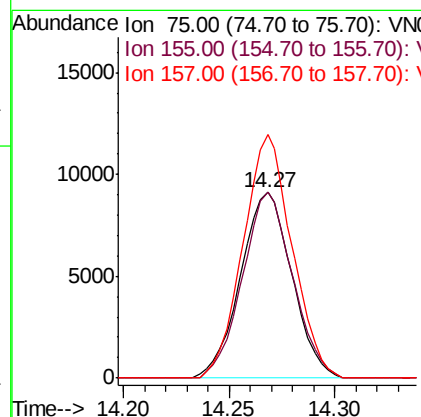
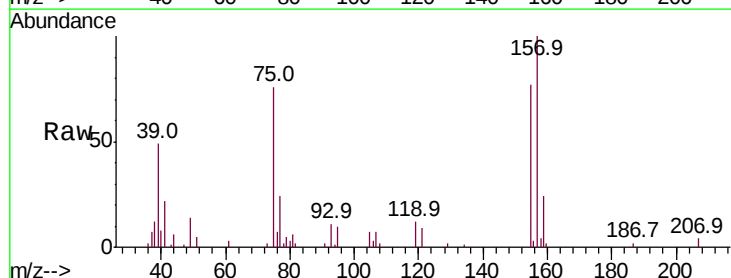
Manual Integrations
 APPROVED

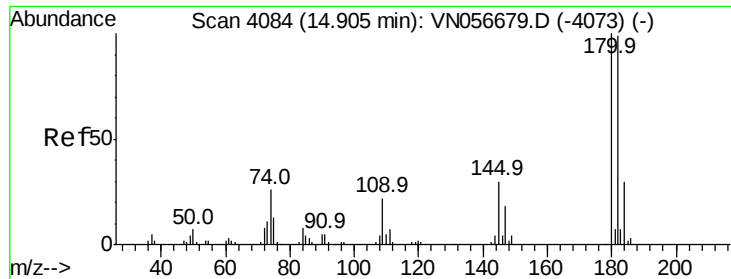
MMDadoda
 7/19/2019 11:31:35 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.655 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	78.6	117.8
157	124.8	99.3	148.9





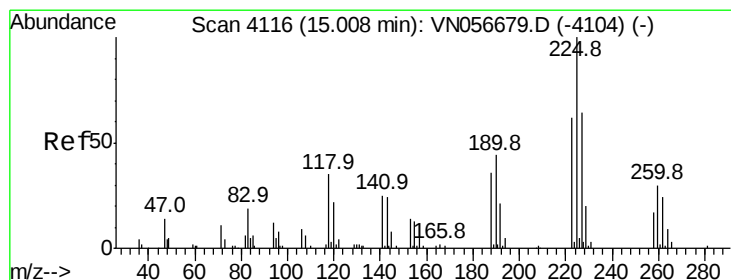
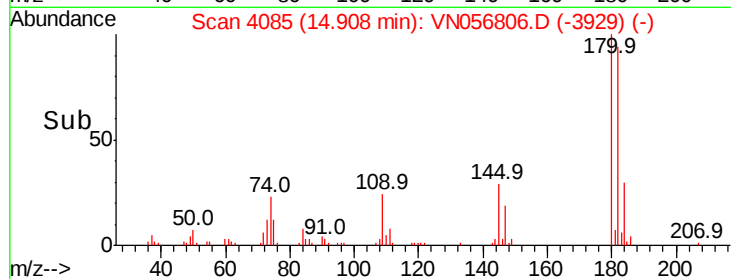
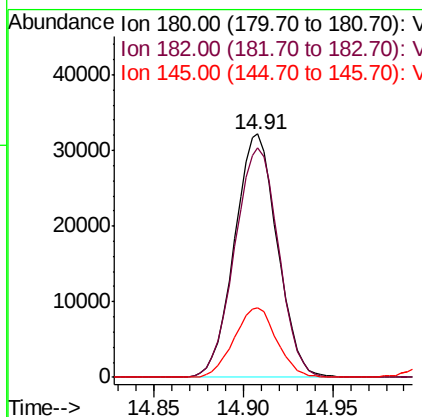
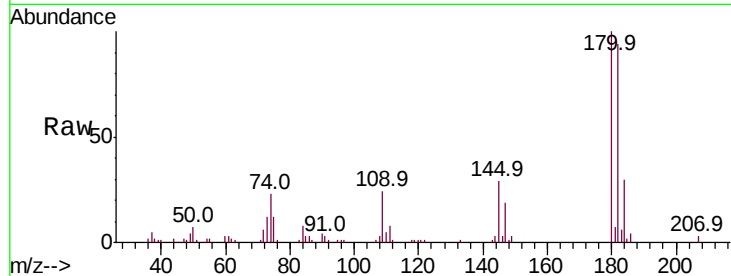
#89
 1,2,4-Trichlorobenzene
 Concen: 15.536 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.2	117.4
145	28.4	23.2	34.8

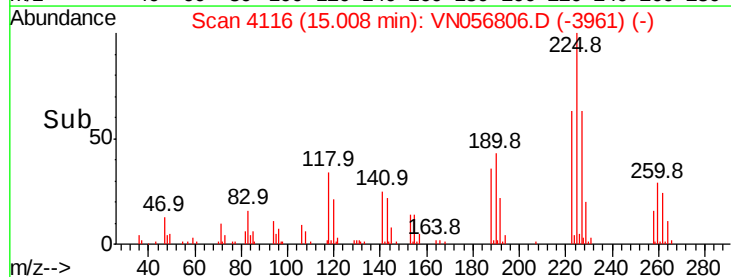
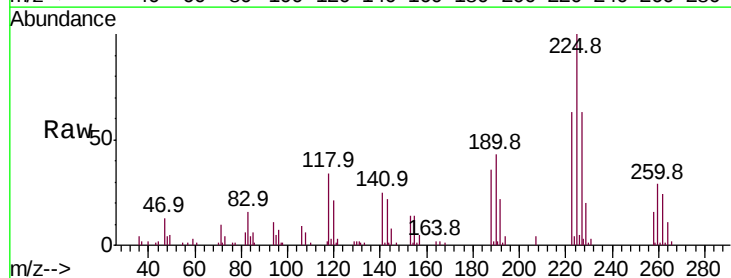
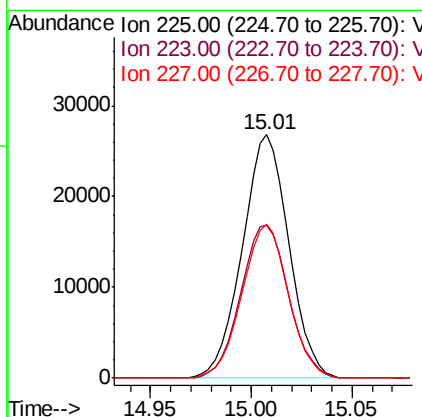
Manual Integrations
 APPROVED

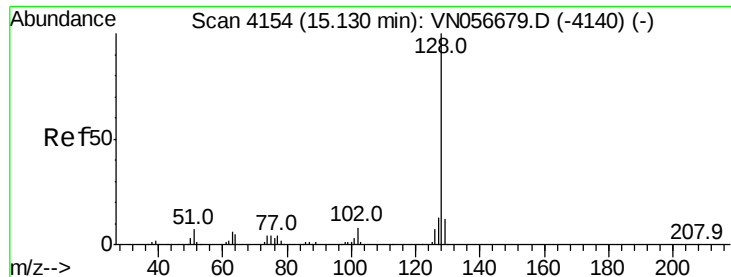
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 7/19/2019 11:31:35 PM



#90
 Hexachlorobutadiene
 Concen: 19.176 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	124.6
227	62.9	0.0	128.6





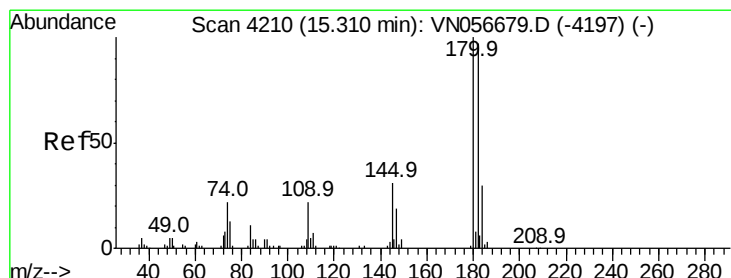
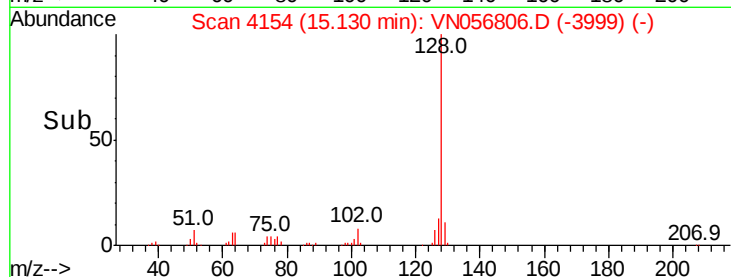
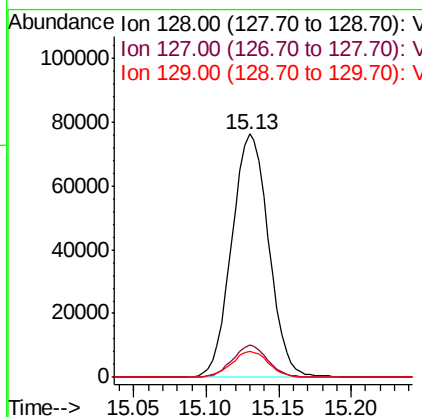
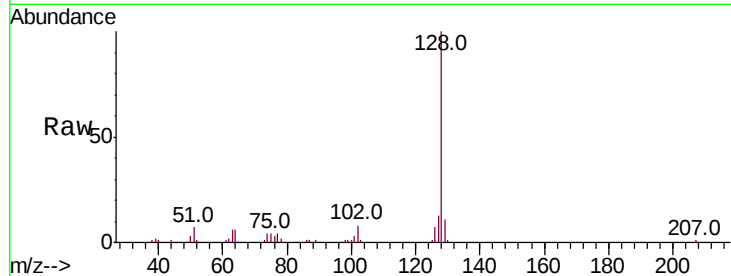
#91
Naphthalene
Concen: 14.471 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion:128	Resp:	135287
Ion Ratio	Lower	Upper
128 100		
127 12.7	10.4	15.6
129 10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/19/2019 11:31:35 PM



#92
1,2,3-Trichlorobenzene
Concen: 16.282 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion:180	Resp:	59342
Ion Ratio	Lower	Upper
180 100		
182 96.0	0.0	192.4
145 30.6	0.0	60.4

