

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056607.D
 Acq On : 8 Jul 2019 14:21
 Operator : JC/SP
 Sample : VN0708WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 9:46:41 AM

Quant Time: Jul 09 04:04:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	318238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	477353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	421069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186753	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	160261	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
35) Dibromofluoromethane	7.59	113	140507	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	10.09	98	524497	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
62) 4-Bromofluorobenzene	12.40	95	180090	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	43554	16.163	ug/l	100
3) Chloromethane	2.06	50	55916	15.240	ug/l	100
4) Vinyl Chloride	2.18	62	57064	16.103	ug/l	98
5) Bromomethane	2.53	94	32696m	15.738	ug/l	
6) Chloroethane	2.68	64	33309	16.231	ug/l	100
7) Trichlorofluoromethane	3.00	101	80238	17.504	ug/l	95
8) Diethyl Ether	3.41	74	33636	17.338	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	51328	17.558	ug/l	98
10) Methyl Iodide	3.95	142	56103	14.199	ug/l	99
11) Tert butyl alcohol	4.79	59	51732	87.084	ug/l	99
12) 1,1-Dichloroethene	3.73	96	47406	16.863	ug/l	98
13) Acrolein	3.60	56	28580	57.083	ug/l	98
14) Allyl chloride	4.32	41	83094	17.756	ug/l	100
15) Acrylonitrile	4.99	53	150023	91.286	ug/l	99
16) Acetone	3.81	43	135989	76.956	ug/l	100
17) Carbon Disulfide	4.05	76	96414	15.078	ug/l	100
18) Methyl Acetate	4.32	43	68406	19.231	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	166293	17.876	ug/l	97
20) Methylene Chloride	4.54	84	58313	16.916	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	50100	16.529	ug/l	96
22) Diisopropyl ether	5.95	45	185132	18.837	ug/l	98
23) Vinyl Acetate	5.89	43	735817	94.923	ug/l	99
24) 1,1-Dichloroethane	5.84	63	101694	18.026	ug/l	100
25) 2-Butanone	6.83	43	208137	88.994	ug/l	99
26) 2,2-Dichloropropane	6.82	77	74195	18.909	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	63598	17.935	ug/l	99
28) Bromochloromethane	7.19	49	51725	18.536	ug/l	100
29) Tetrahydrofuran	7.21	42	135209	94.602	ug/l	97
30) Chloroform	7.37	83	103479	18.588	ug/l	98
31) Cyclohexane	7.65	56	91565	16.812	ug/l #	96
32) 1,1,1-Trichloroethane	7.57	97	80577	18.261	ug/l	99
36) 1,1-Dichloropropene	7.79	75	71865	17.104	ug/l	99
37) Ethyl Acetate	6.93	43	79715	19.306	ug/l	99
38) Carbon Tetrachloride	7.77	117	68437	18.626	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	85170	16.428	ug/l	99
40) Benzene	8.04	78	231013	17.875	ug/l	99
41) Methacrylonitrile	7.17	41	35707	19.584	ug/l	90
42) 1,2-Dichloroethane	8.12	62	76371	17.906	ug/l	100
43) Isopropyl Acetate	8.16	43	123620	19.416	ug/l	99
44) Trichloroethene	8.83	130	60821	17.470	ug/l	96
45) 1,2-Dichloropropane	9.12	63	62710	18.143	ug/l	97
46) Dibromomethane	9.21	93	39447	18.242	ug/l	99
47) Bromodichloromethane	9.40	83	76238	19.879	ug/l	99
48) Methyl methacrylate	9.20	41	60953	19.104	ug/l	96
49) 1,4-Dioxane	9.20	88	25377	383.272	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	403986	98.307	ug/l	99
52) Toluene	10.15	92	140293	17.755	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	76684	19.066	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	88386	19.137	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	59832	18.838	ug/l	97
56) Ethyl methacrylate	10.43	69	88498	19.066	ug/l	99
57) 1,3-Dichloropropane	10.71	76	99913	18.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	226578	135.880	ug/l	98
59) 2-Hexanone	10.75	43	289256	95.771	ug/l	100
60) Dibromochloromethane	10.90	129	58209	19.363	ug/l	99
61) 1,2-Dibromoethane	11.00	107	59551	18.358	ug/l	99
64) Tetrachloroethene	10.63	164	57872	17.355	ug/l	99
65) Chlorobenzene	11.43	112	152532	18.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	56767	19.852	ug/l	99
67) Ethyl Benzene	11.51	91	267953	18.037	ug/l	100
68) m/p-Xylenes	11.62	106	202023	37.107	ug/l	99
69) o-Xylene	11.94	106	97952	18.185	ug/l	99
70) Styrene	11.96	104	163505	18.991	ug/l	99
71) Bromoform	12.13	173	40494	19.593	ug/l #	99
73) Isopropylbenzene	12.25	105	261505	16.862	ug/l	100
74) N-amyl acetate	12.07	43	98882	16.637	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	87558	18.208	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	74229m	19.169	ug/l	
77) Bromobenzene	12.52	156	68709	16.454	ug/l	96
78) n-propylbenzene	12.59	91	289020	16.900	ug/l	100
79) 2-Chlorotoluene	12.67	91	176886	17.203	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	221801	17.398	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21211	19.468	ug/l	97
82) 4-Chlorotoluene	12.77	91	171975	17.031	ug/l	99
83) tert-Butylbenzene	12.99	119	190119	16.727	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	219071	17.425	ug/l	99
85) sec-Butylbenzene	13.17	105	251802	16.751	ug/l	100
86) p-Isopropyltoluene	13.29	119	226771	17.579	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	113216	17.891	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	108838	17.759	ug/l	99
89) n-Butylbenzene	13.61	91	184473	18.890	ug/l	99
90) Hexachloroethane	13.87	117	34391	17.100	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	113431	18.066	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	14020	20.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55609	20.712	ug/l	98
94) Hexachlorobutadiene	15.01	225	40541	17.846	ug/l	99
95) Naphthalene	15.13	128	142994	20.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	59176	20.383	ug/l	99

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

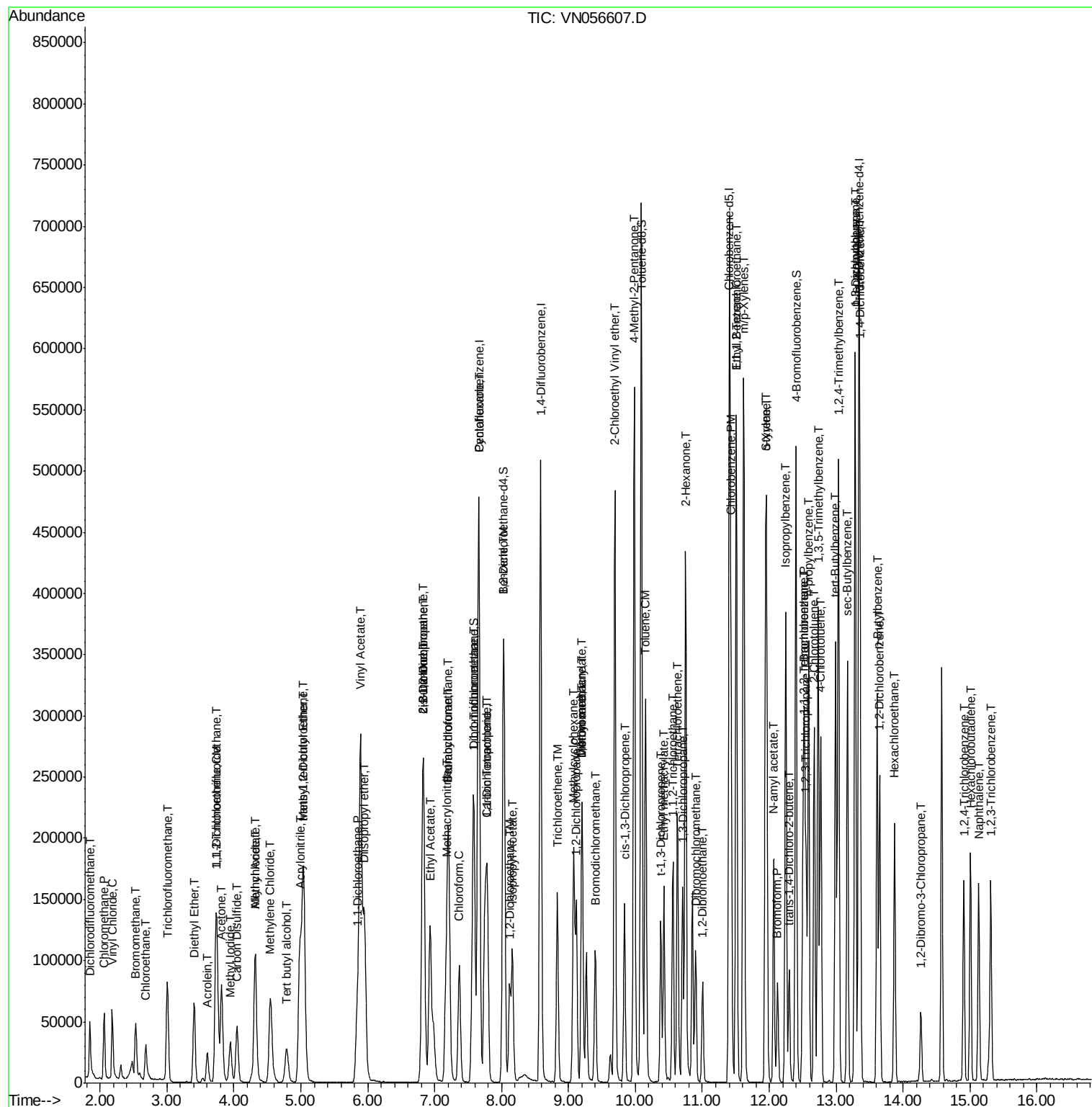
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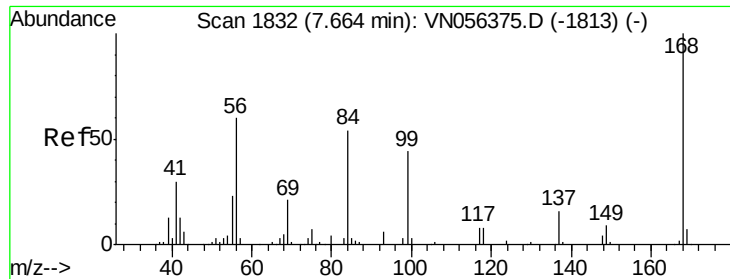
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

Tot Ion:168 Resp: 318238

Ion Ratio Lower Upper

168 100

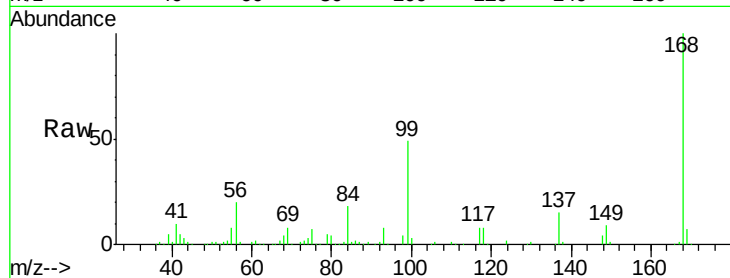
99 48.8 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

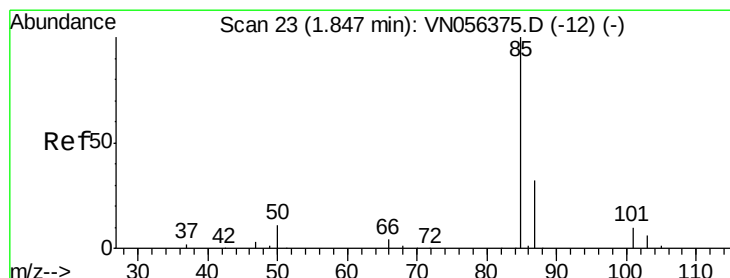
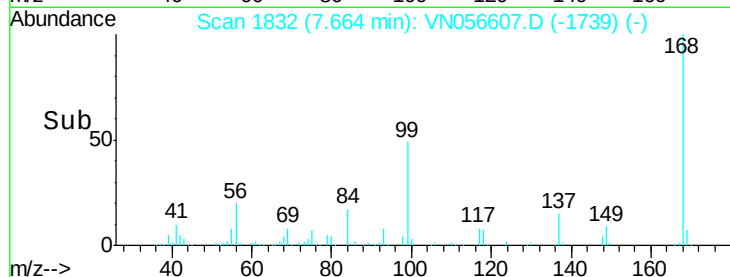
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.163 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056607.D

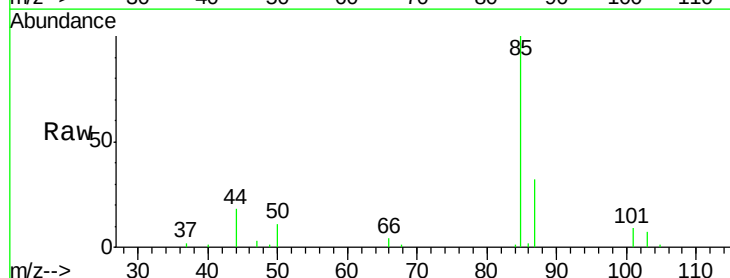
Acq: 8 Jul 2019 14:21

Tgt Ion: 85 Resp: 43554

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

30000

25000

20000

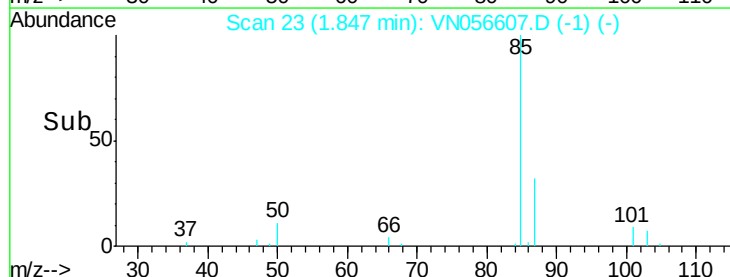
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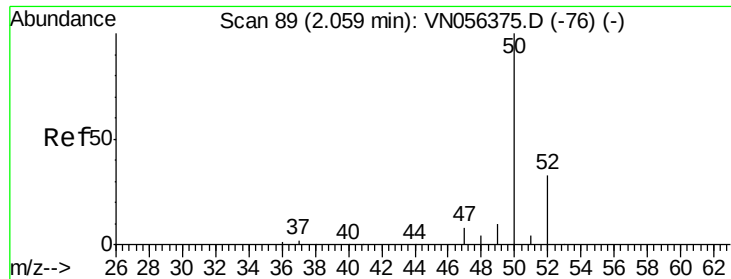
10000

5000

0

Time-->





#3

Chloromethane

Concen: 15.240 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

Tot Ion: 50 Resp: 55916

Ion Ratio Lower Upper

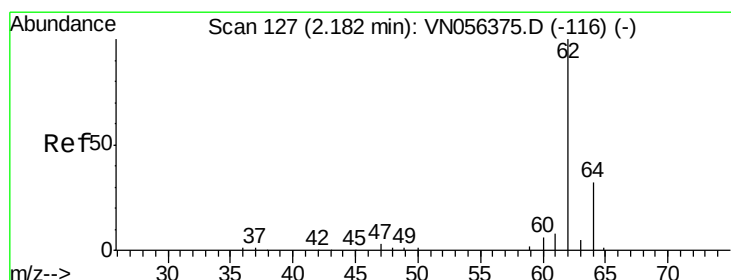
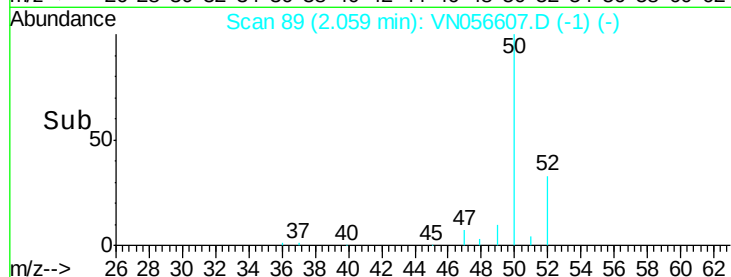
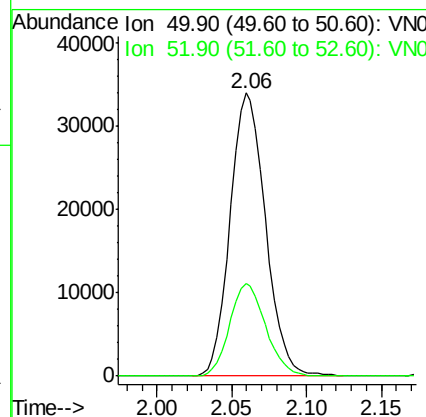
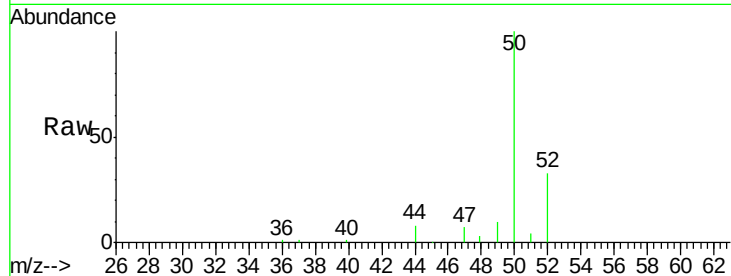
50 100

52 32.9 26.5 39.7

Manual Integrations
APPROVED

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7/9/2019 9:46:41 AM



#4

Vinyl Chloride

Concen: 16.103 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056607.D

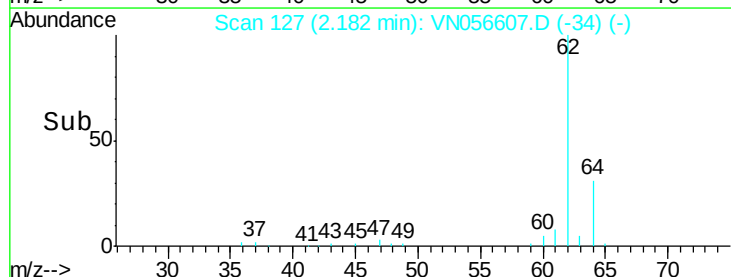
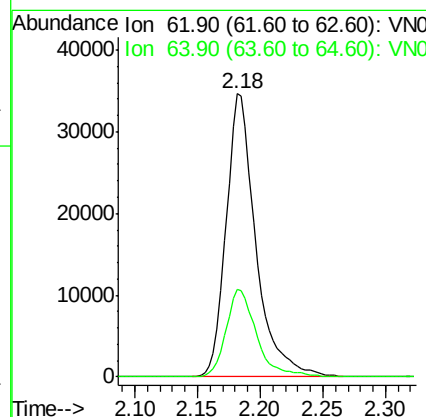
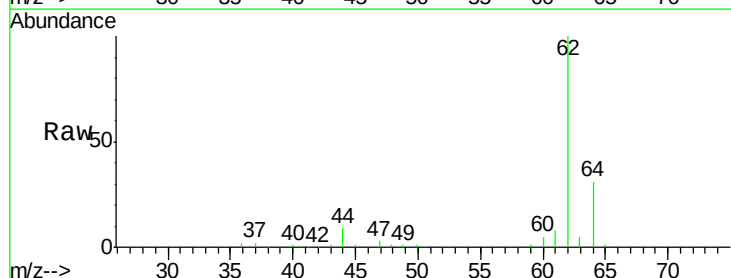
Acq: 8 Jul 2019 14:21

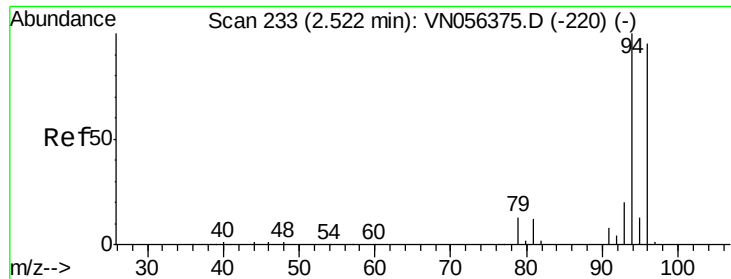
Tgt Ion: 62 Resp: 57064

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 15.738 ug/l m

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

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ClientSampleId :

VN0708WBS01

Tot Ion: 94 Resp: 32696

Ion Ratio Lower Upper

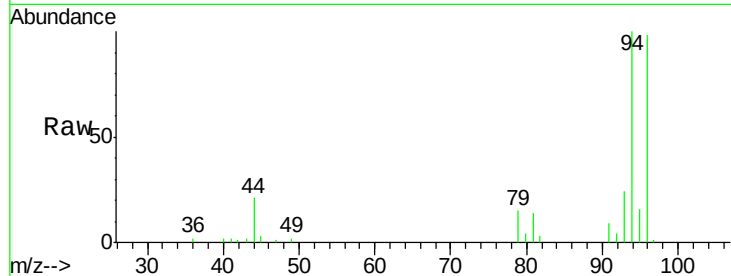
94 100

96 98.2 76.0 114.0

Manual Integrations
APPROVED

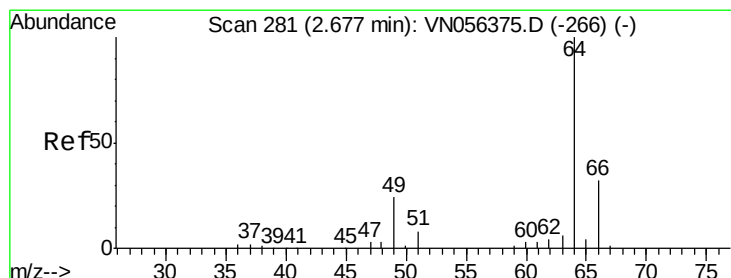
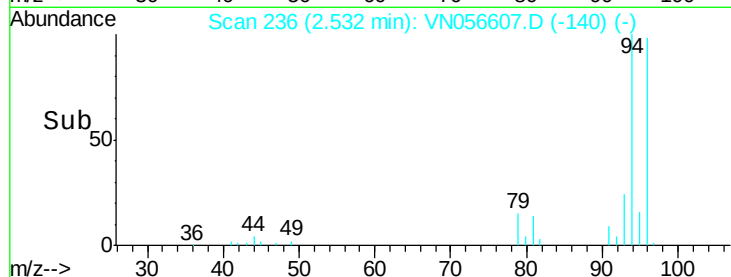
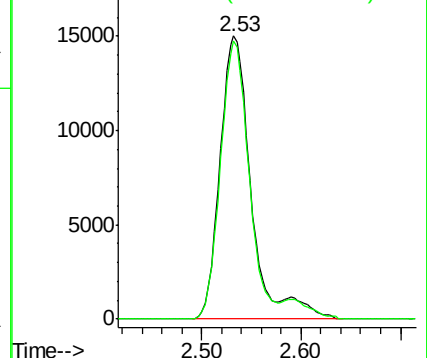
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.231 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN056607.D

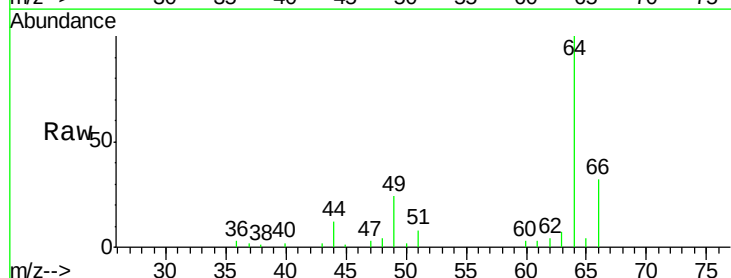
Acq: 8 Jul 2019 14:21

Tgt Ion: 64 Resp: 33309

Ion Ratio Lower Upper

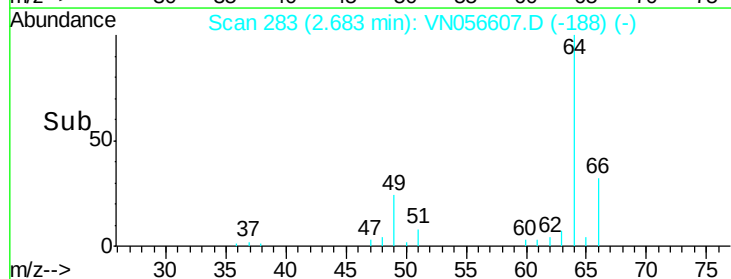
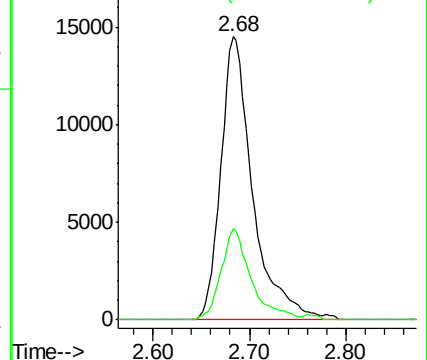
64 100

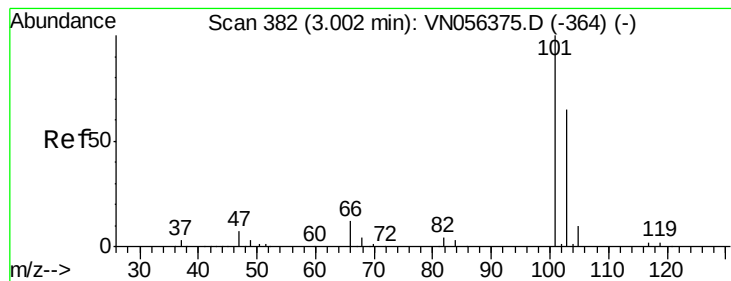
66 32.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

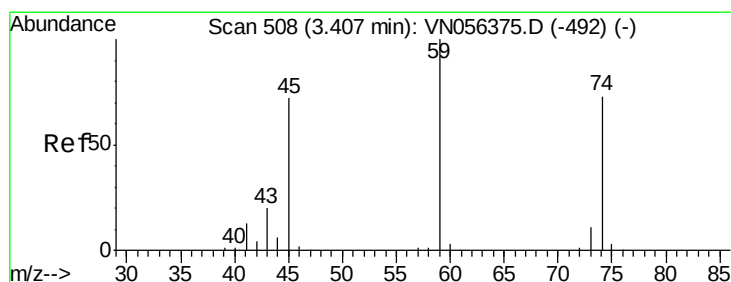
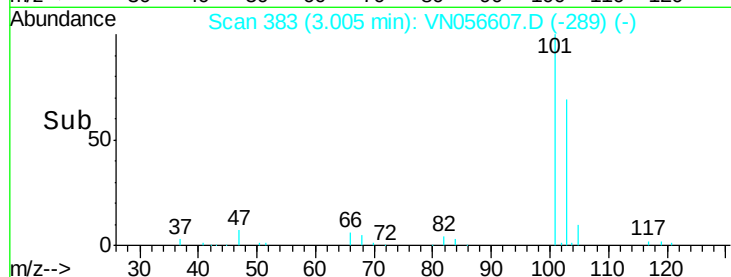
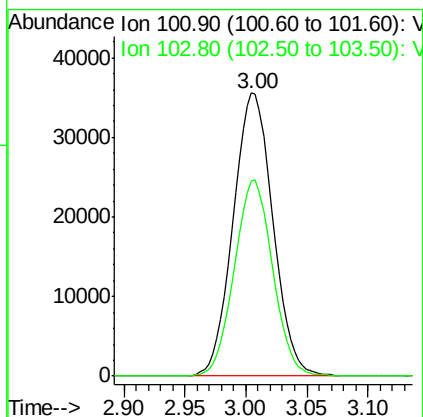
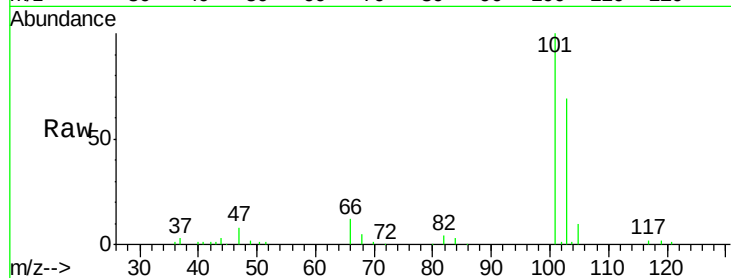
Trichlorofluoromethane
Concen: 17.504 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

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MSVOA_N
ClientSampleId :
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Tot Ion:101 Resp: 80238
Ion Ratio Lower Upper
101 100
103 68.8 51.7 77.5

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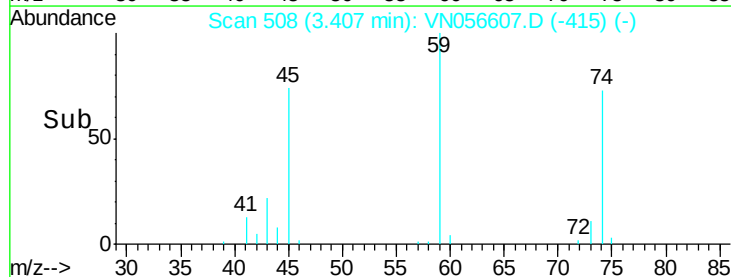
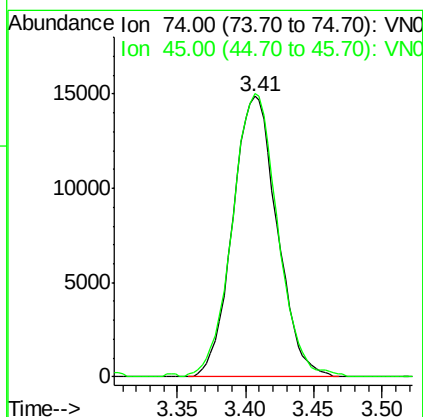
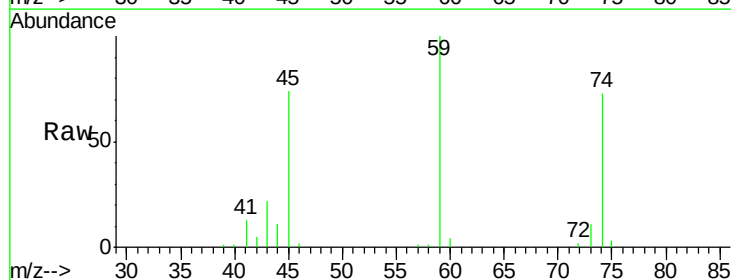
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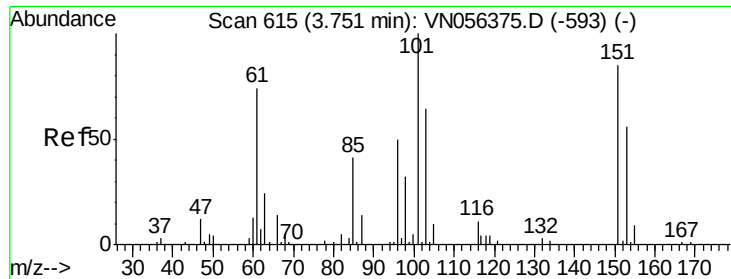


#8

Diethyl Ether
Concen: 17.338 ug/l
RT: 3.41 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 74 Resp: 33636
Ion Ratio Lower Upper
74 100
45 102.8 48.9 146.6





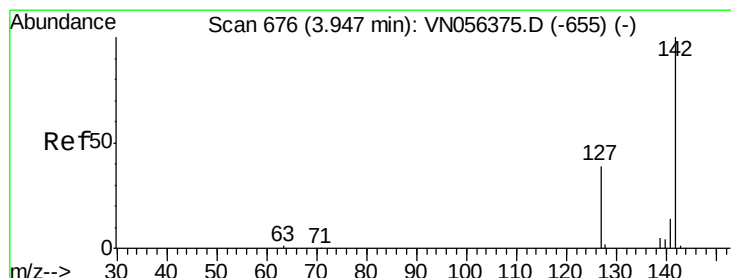
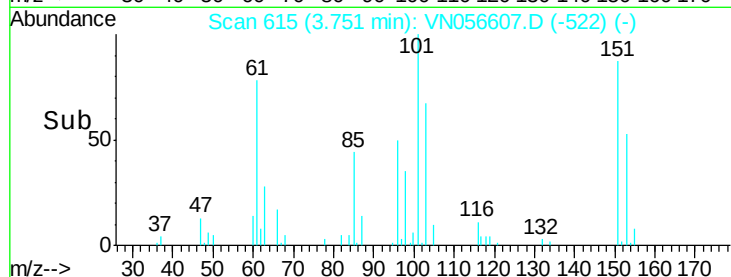
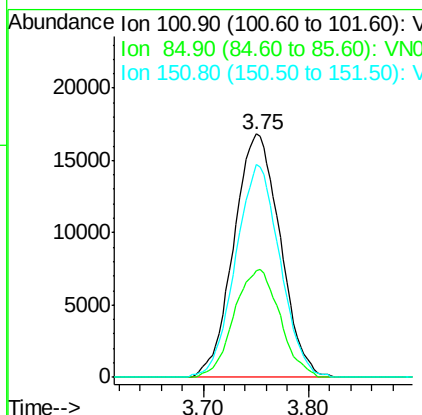
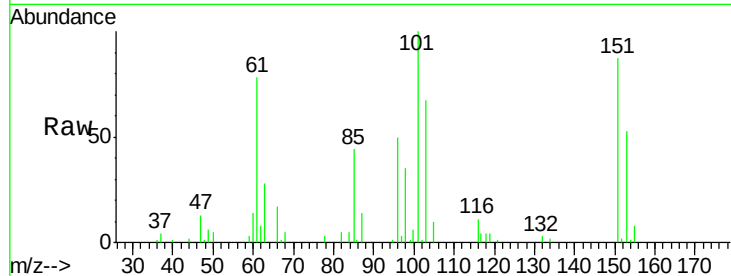
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.558 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion:101 Resp: 51328
 Ion Ratio Lower Upper
 101 100
 85 43.7 32.7 49.1
 151 84.0 66.8 100.2

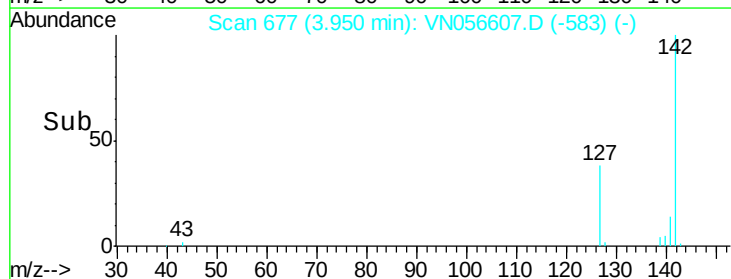
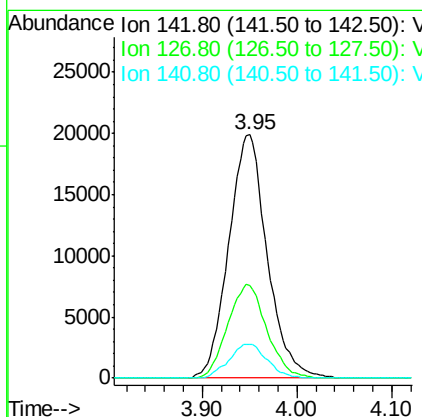
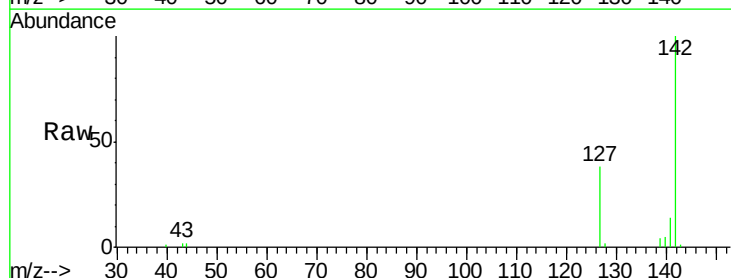
Manual Integrations
 APPROVED

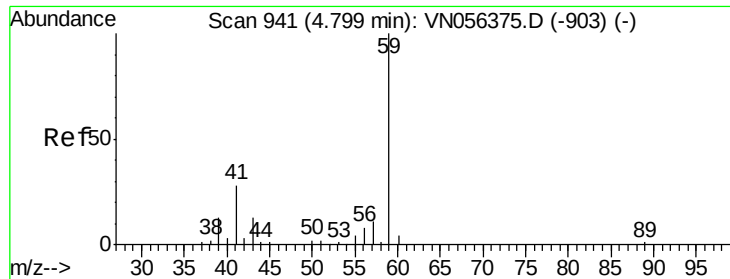
MMDadoda
 7/9/2019 9:46:41 AM



#10
 Methyl Iodide
 Concen: 14.199 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion:142 Resp: 56103
 Ion Ratio Lower Upper
 142 100
 127 39.0 30.6 46.0
 141 13.8 11.4 17.2





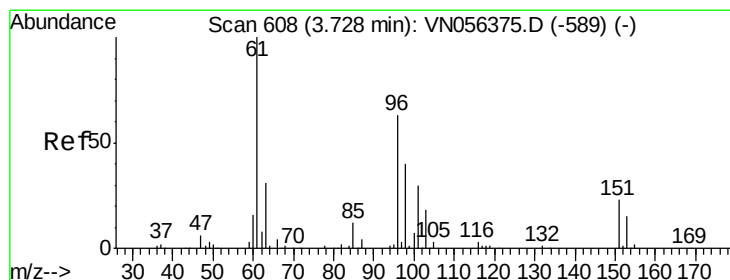
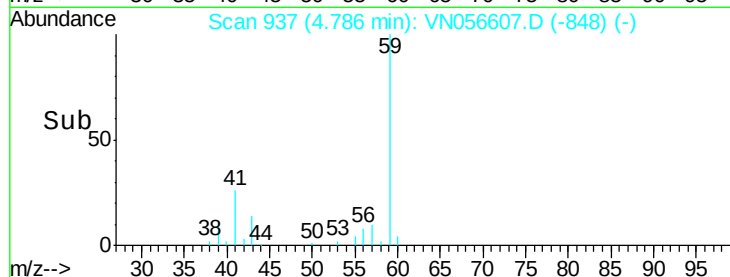
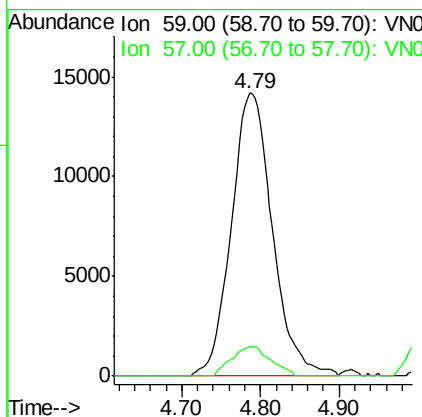
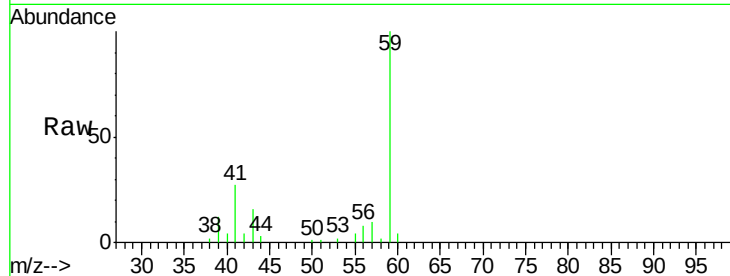
#11
Tert butyl alcohol
Concen: 87.084 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.01 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	59	Resp	51732
Ion Ratio	100	Lower	Upper
57	10.0	7.6	11.4

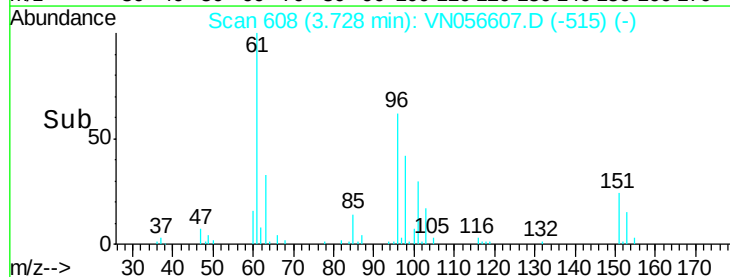
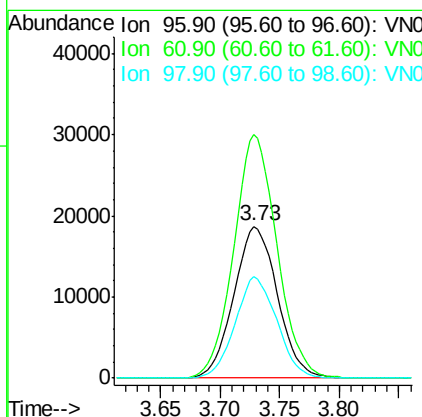
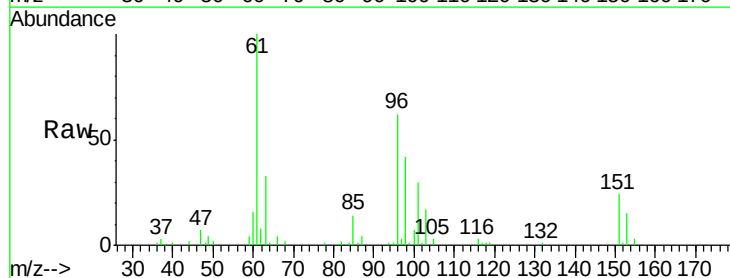
Manual Integrations
APPROVED

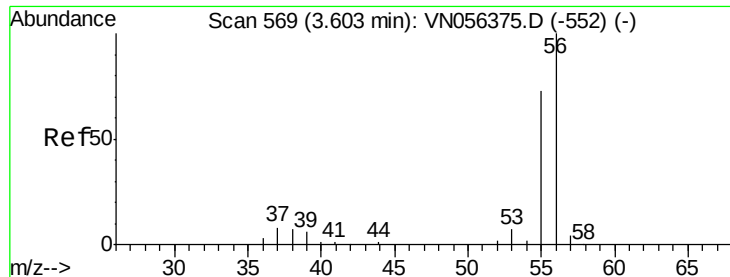
MMDadoda
7/9/2019 9:46:41 AM



#12
1,1-Dichloroethene
Concen: 16.863 ug/l
RT: 3.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	96	Resp	47406
Ion Ratio	100	Lower	Upper
61	160.2	126.6	190.0
98	66.5	51.1	76.7





#13

Acrolein

Concen: 57.083 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampled :

VN0708WBS01

Tot Ion: 56 Resp: 28580

Ion Ratio Lower Upper

56 100

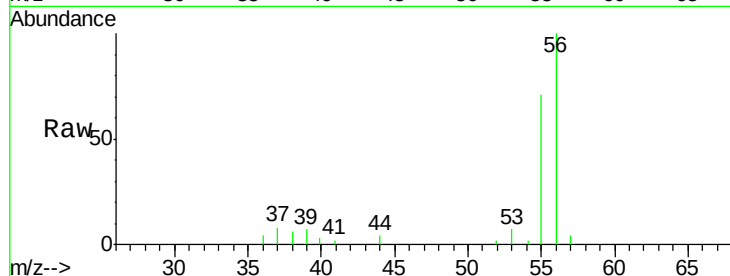
55 70.0 57.1 85.7

Manual Integrations

APPROVED

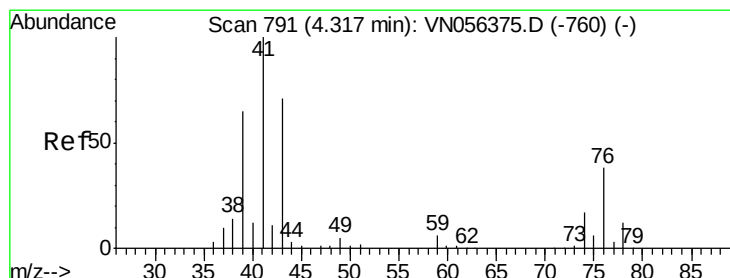
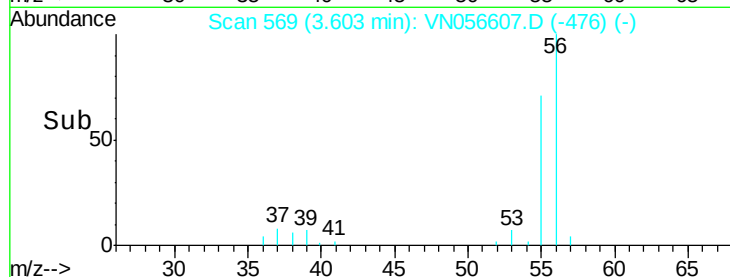
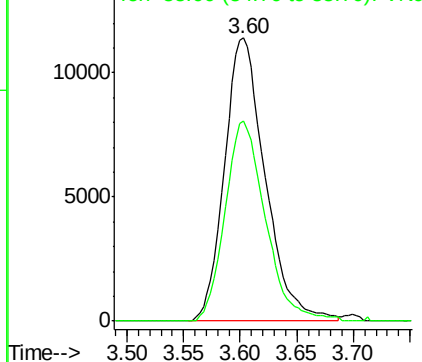
MMDadoda

7/9/2019 9:46:41 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.756 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

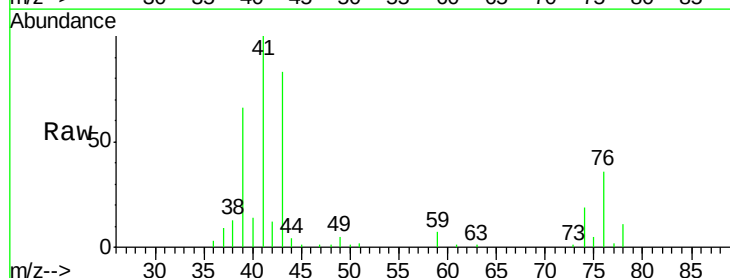
Tgt Ion: 41 Resp: 83094

Ion Ratio Lower Upper

41 100

39 61.2 48.6 73.0

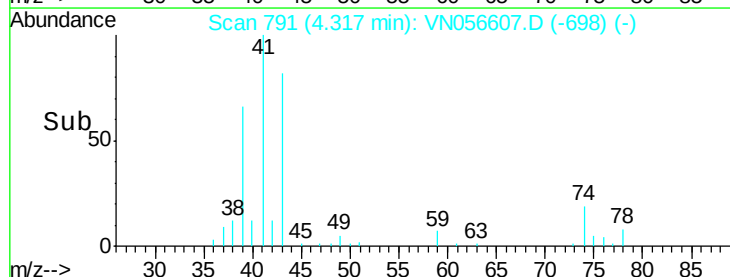
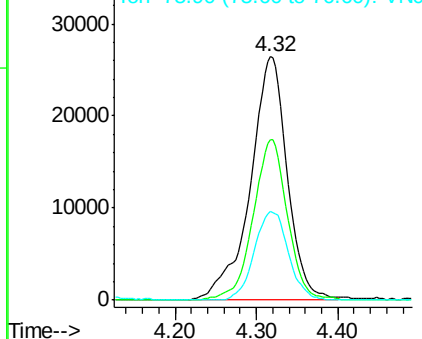
76 33.3 26.6 40.0

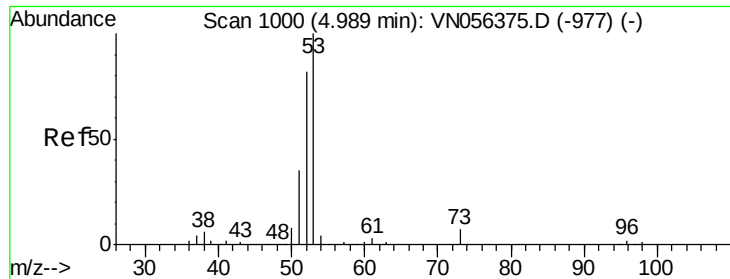


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





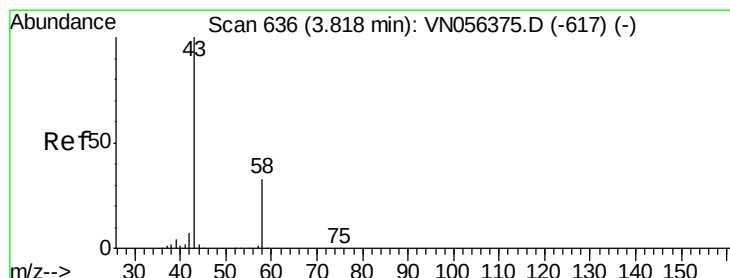
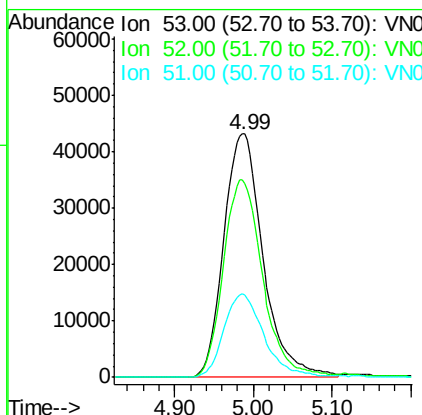
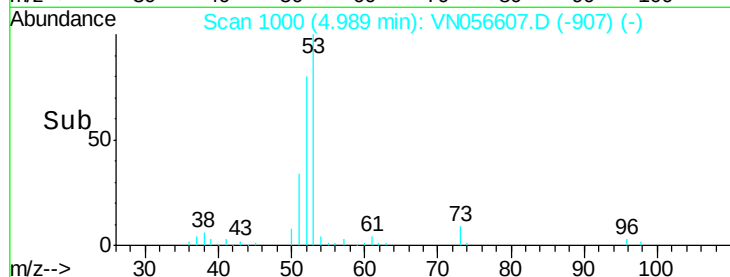
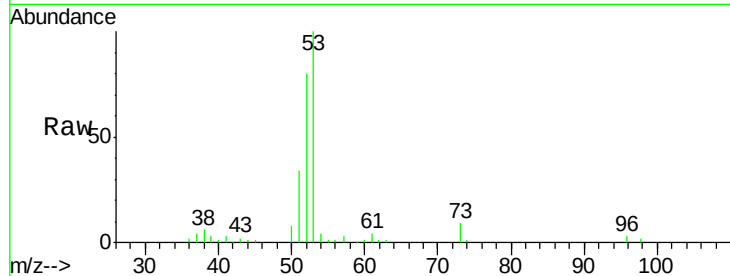
#15
 Acrylonitrile
 Concen: 91.286 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.9	98.9
51	34.9	28.3	42.5

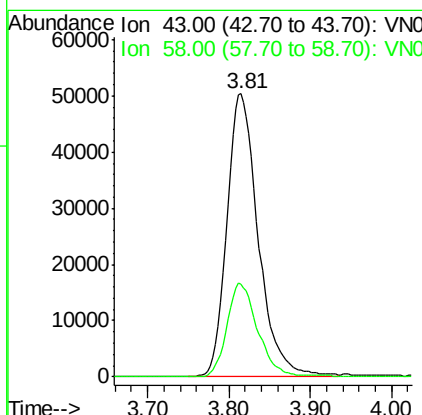
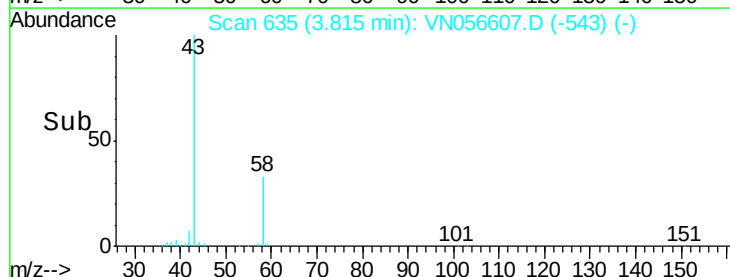
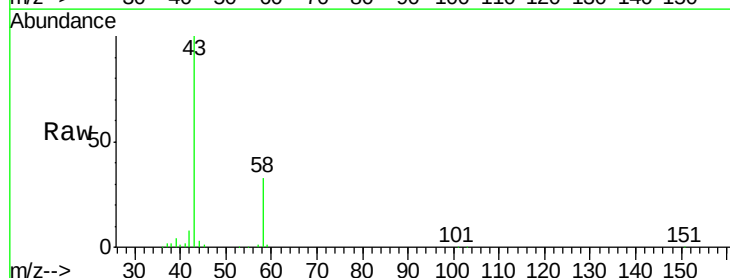
Manual Integrations
 APPROVED

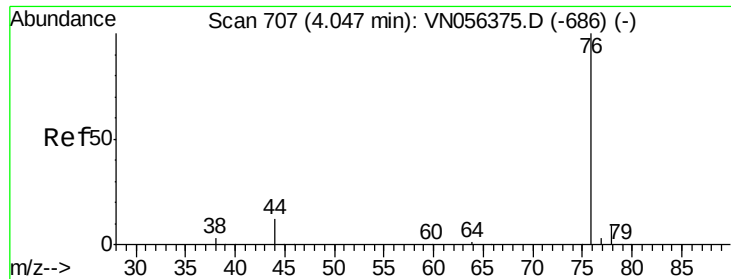
MMDadoda
 7/9/2019 9:46:41 AM



#16
 Acetone
 Concen: 76.956 ug/l
 RT: 3.81 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.4	39.6





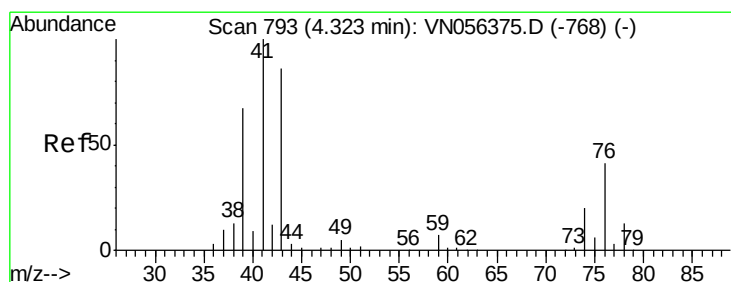
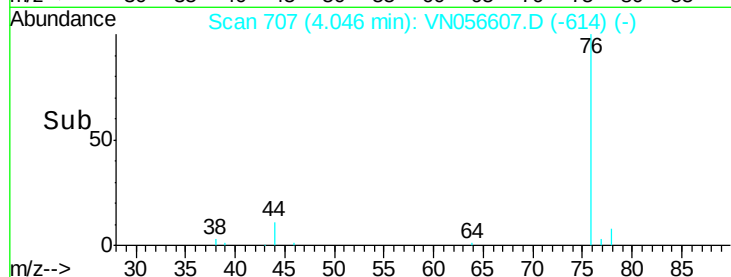
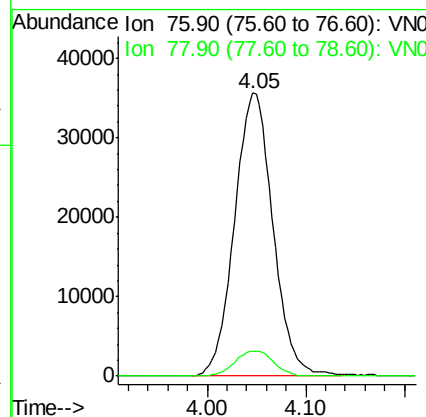
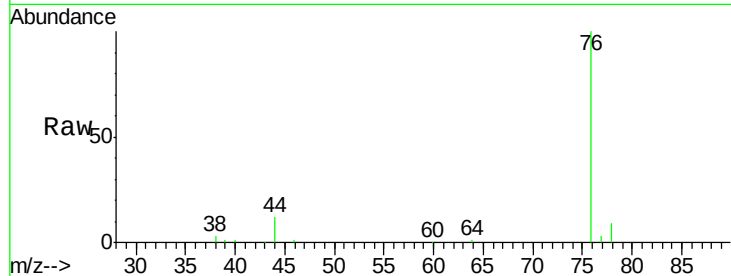
#17
Carbon Disulfide
Concen: 15.078 ug/l
RT: 4.05 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion: 76 Resp: 96414
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

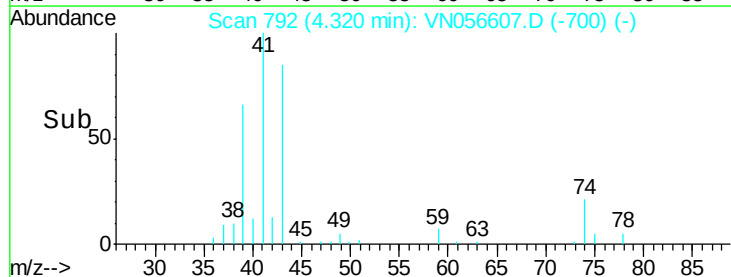
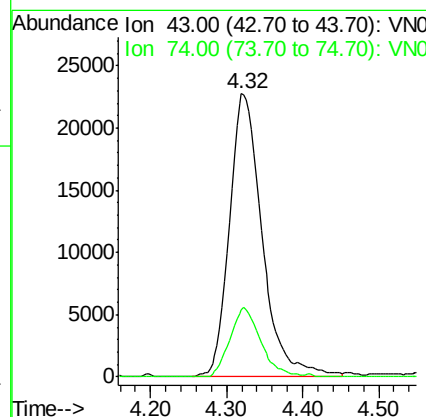
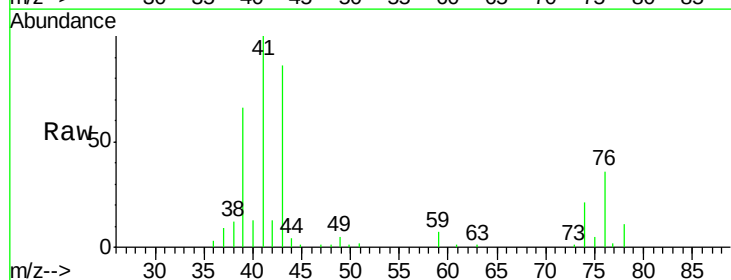
Manual Integrations
APPROVED

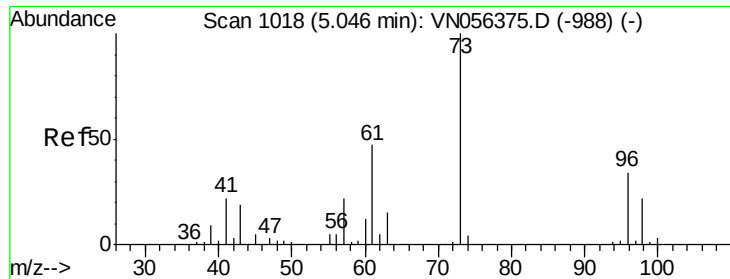
MMDadoda
7/9/2019 9:46:41 AM



#18
Methyl Acetate
Concen: 19.231 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 43 Resp: 68406
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8





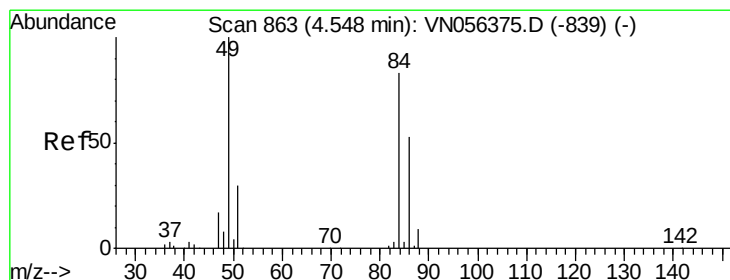
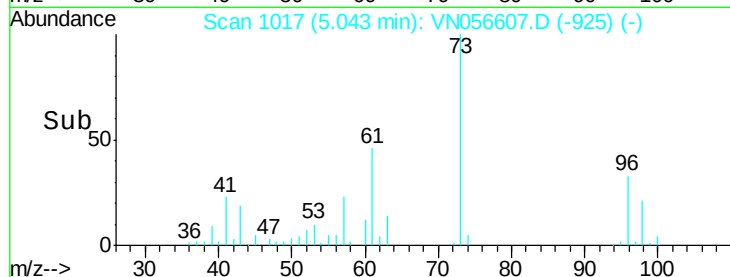
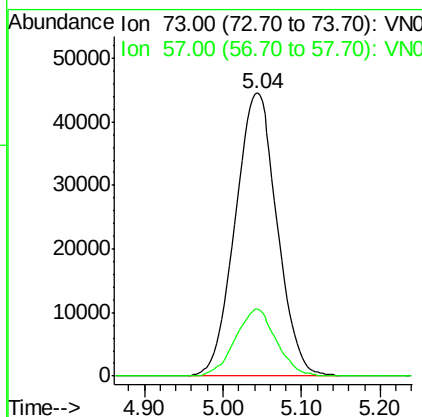
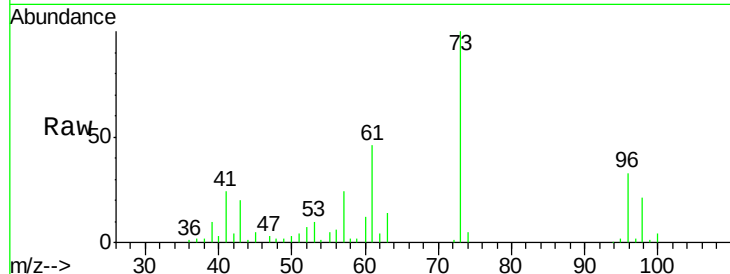
#19
Methyl tert-butyl Ether
Concen: 17.876 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion: 73 Resp: 166293
Ion Ratio Lower Upper
73 100
57 23.8 17.9 26.9

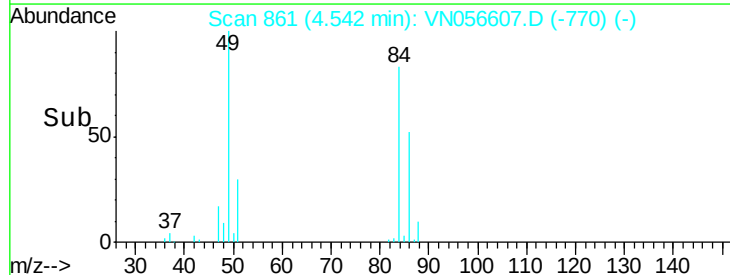
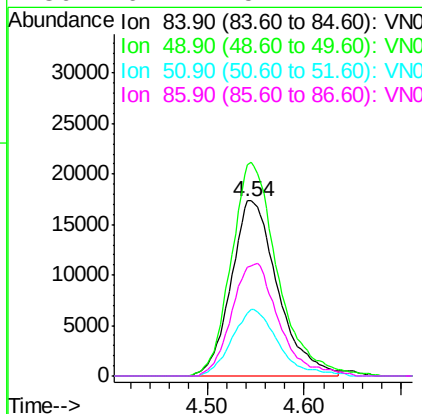
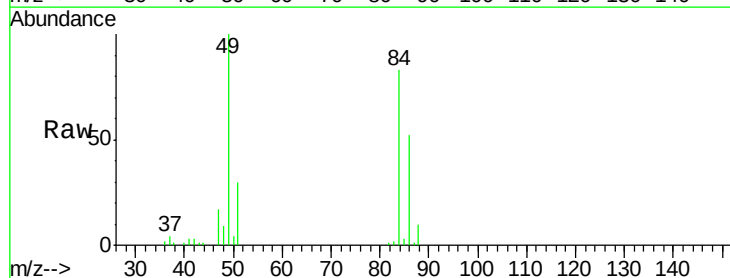
Manual Integrations
APPROVED

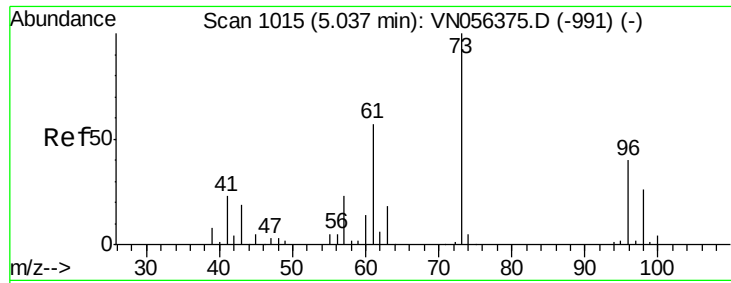
MMDadoda
7/9/2019 9:46:41 AM



#20
Methylene Chloride
Concen: 16.916 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 84 Resp: 58313
Ion Ratio Lower Upper
84 100
49 120.2 96.4 144.6
51 36.1 28.6 43.0
86 62.1 51.4 77.2





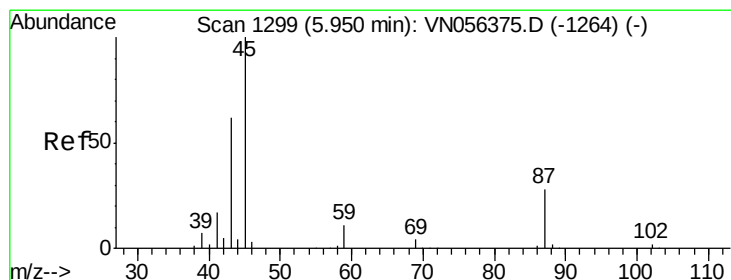
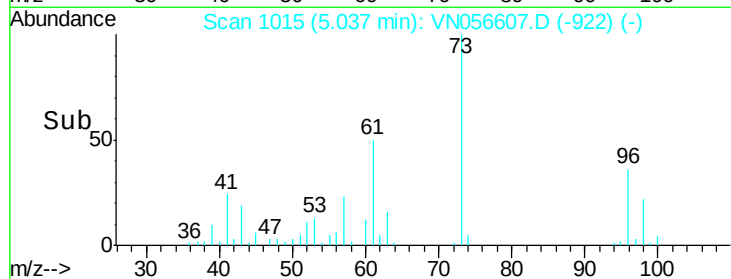
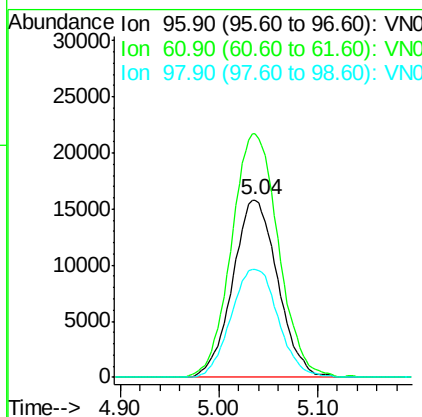
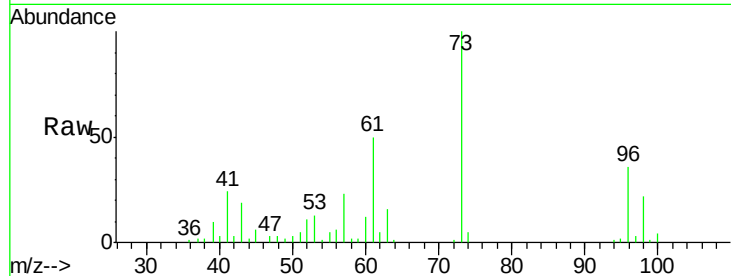
#21
trans-1,2-Dichloroethene
Concen: 16.529 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	113.0	169.6
98	60.8	52.2	78.2

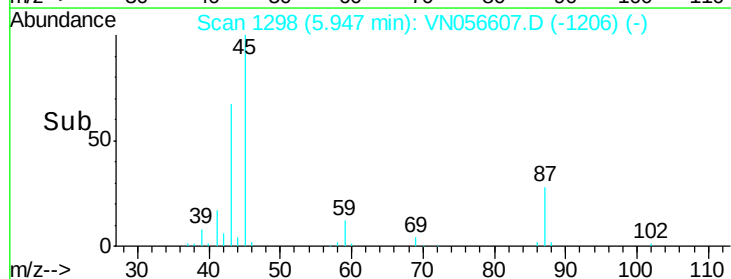
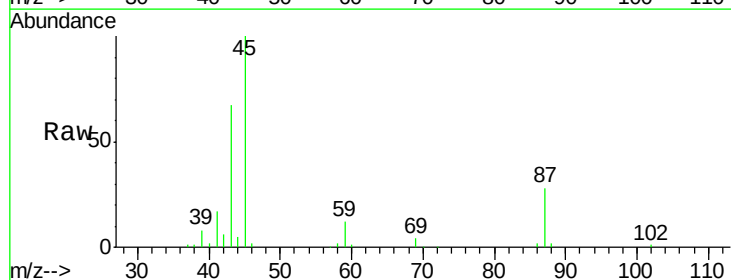
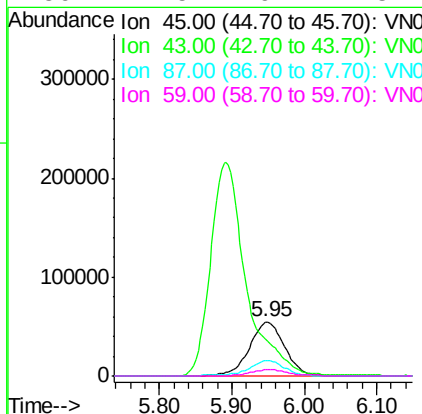
Manual Integrations
APPROVED

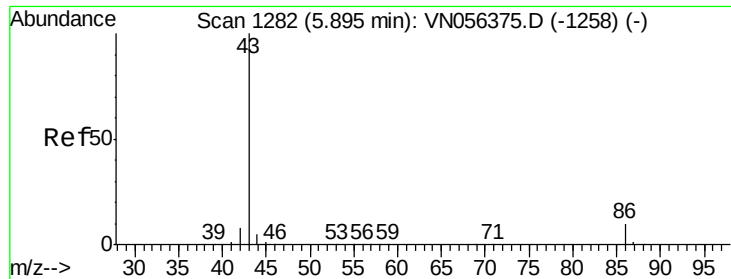
MMDadoda
7/9/2019 9:46:41 AM



#22
Diisopropyl ether
Concen: 18.837 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.0	50.4	75.6
87	28.2	23.0	34.4
59	11.5	9.1	13.7





#23

Vinyl Acetate

Concen: 94.923 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampled :

VN0708WBS01

Tot Ion: 43 Resp: 735817

Ion Ratio Lower Upper

43 100

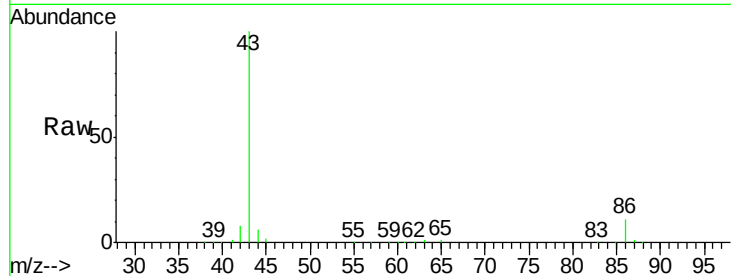
86 10.7 8.3 12.5

Manual Integrations

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MMDadoda

7/9/2019 9:46:41 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

250000

200000

150000

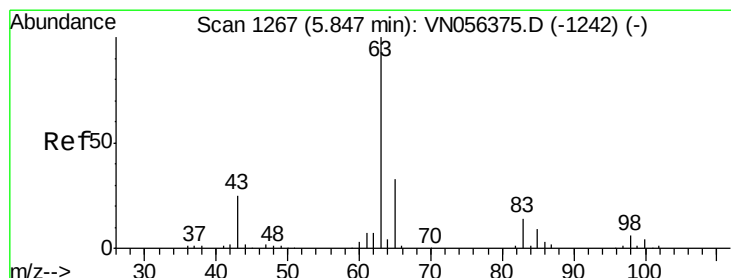
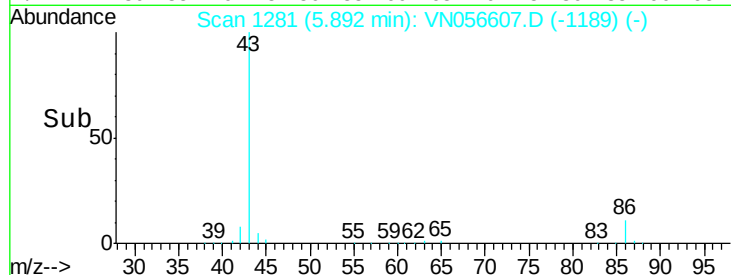
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 18.026 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

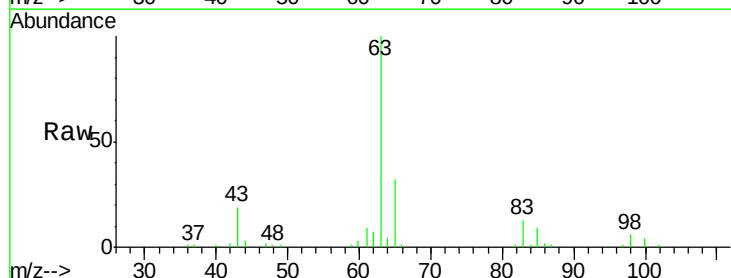
Tgt Ion: 63 Resp: 101694

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

40000

30000

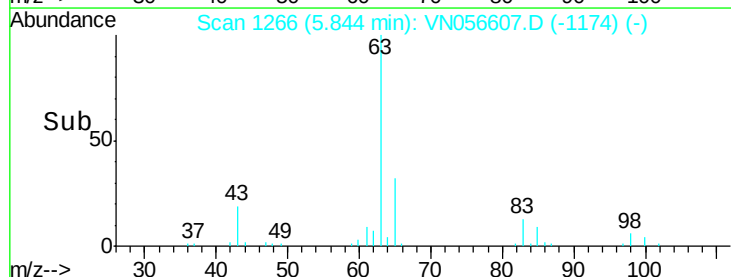
20000

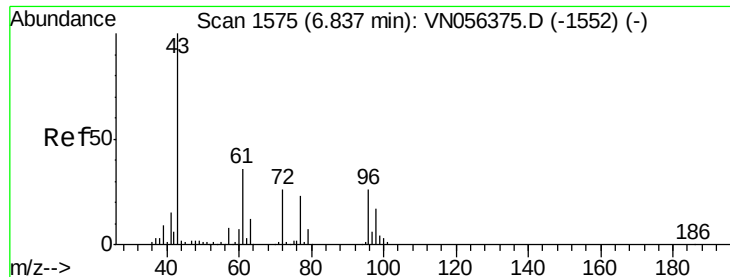
10000

0

5.70 5.80 5.90

Time-->





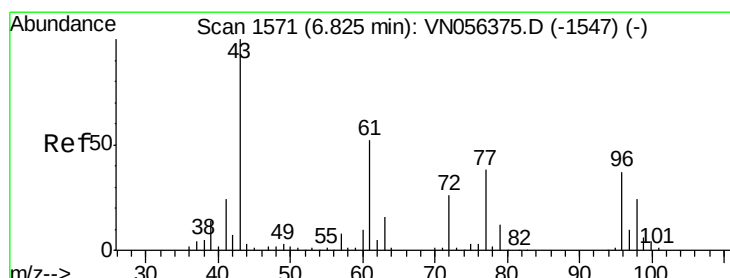
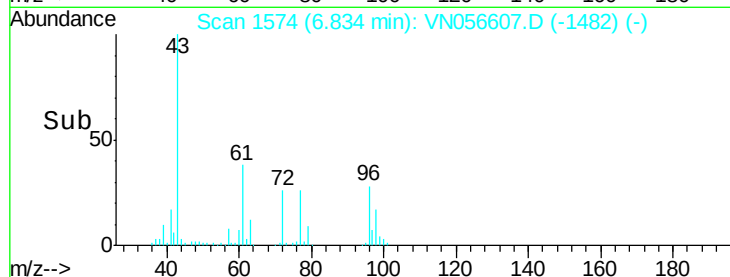
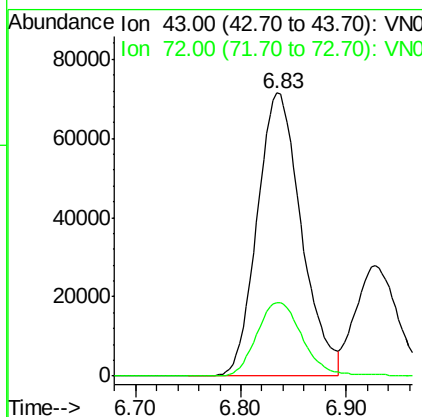
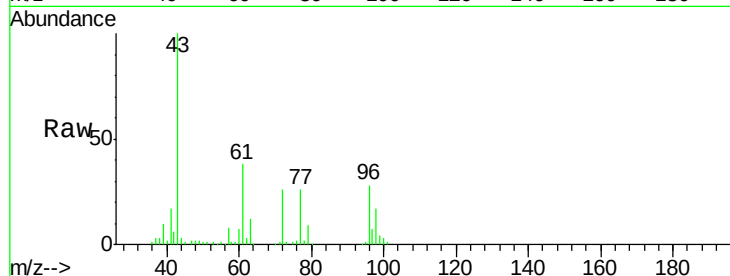
#25
2-Butanone
Concen: 88.994 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion: 43 Resp: 208137
Ion Ratio Lower Upper
43 100
72 26.2 20.6 31.0

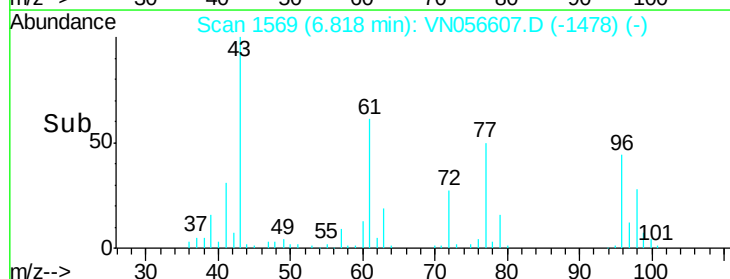
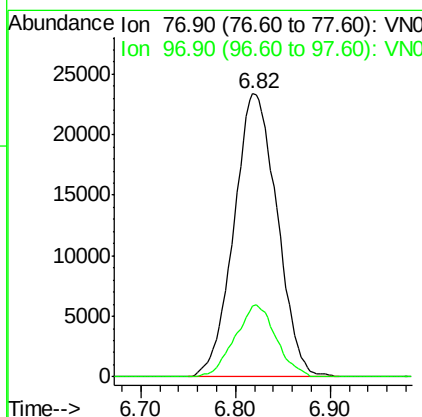
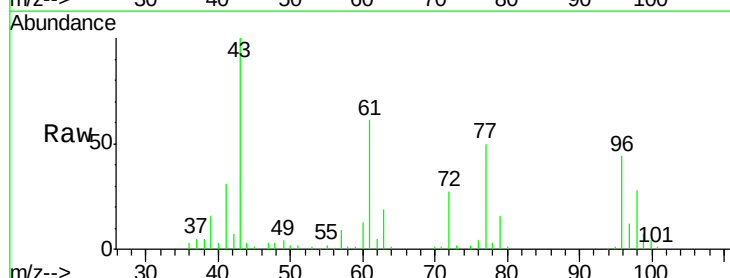
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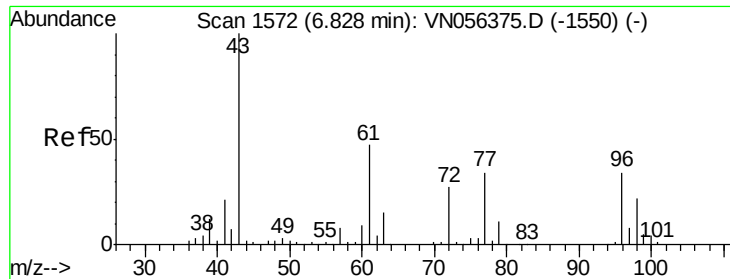
MMDadoda
7/9/2019 9:46:41 AM



#26
2,2-Dichloropropane
Concen: 18.909 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 77 Resp: 74195
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 17.935 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

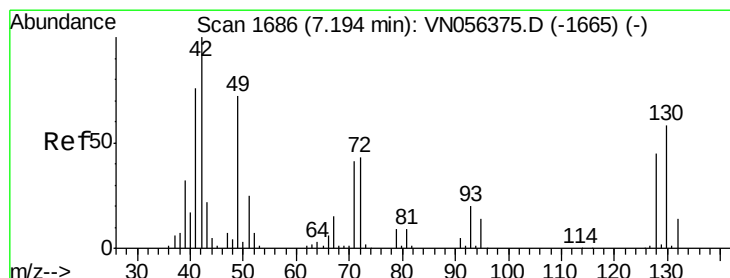
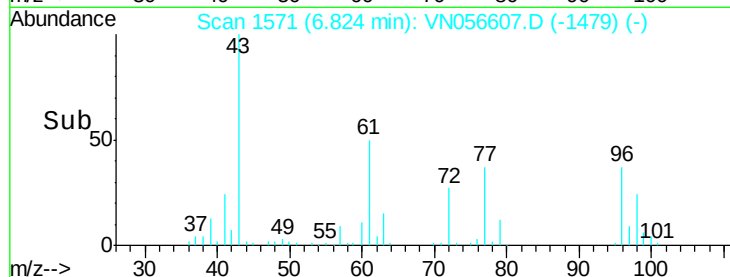
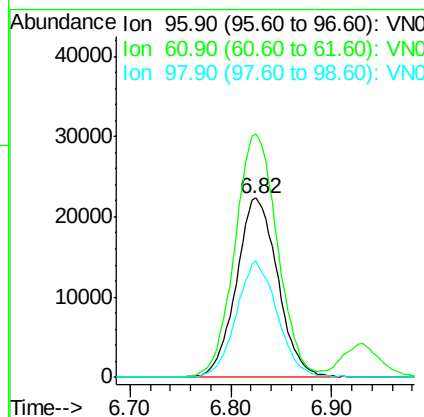
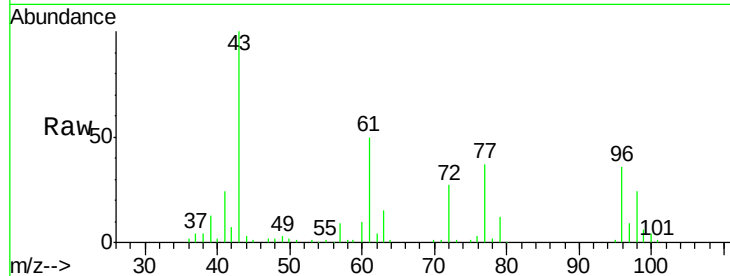
ClientSampleId :

VN0708WBS01

Tot Ion:	96	Resp:	63598
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	279.8
98	64.1	0.0	130.0

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#28

Bromochloromethane

Concen: 18.536 ug/l

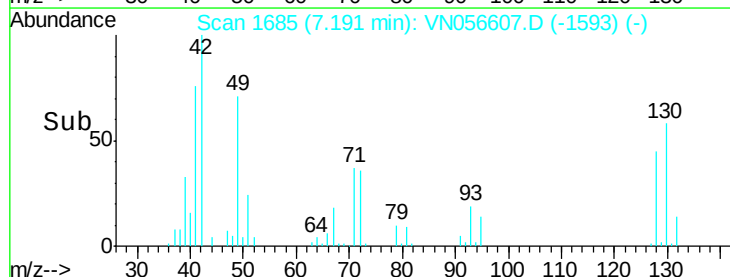
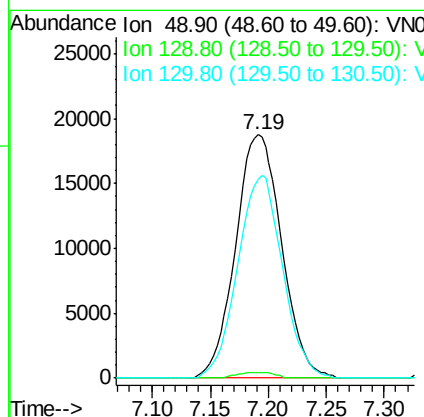
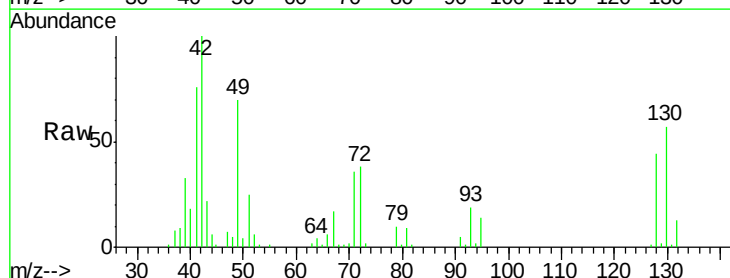
RT: 7.19 min Scan# 1685

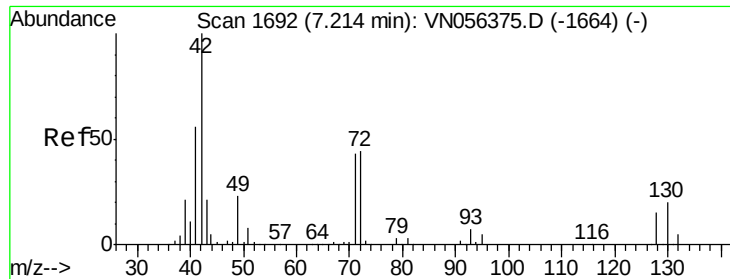
Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Tgt Ion:	49	Resp:	51725
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	81.0	64.9	97.3





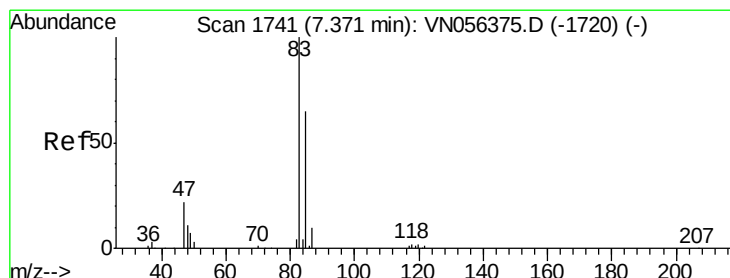
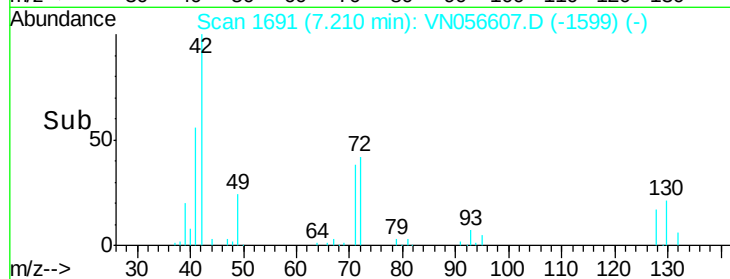
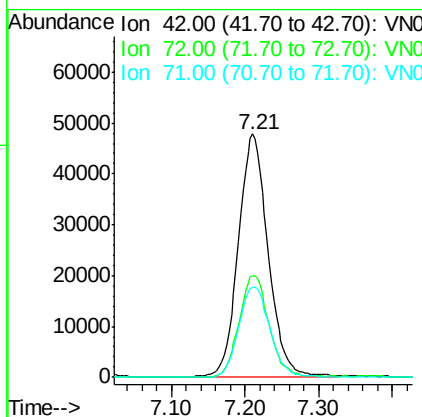
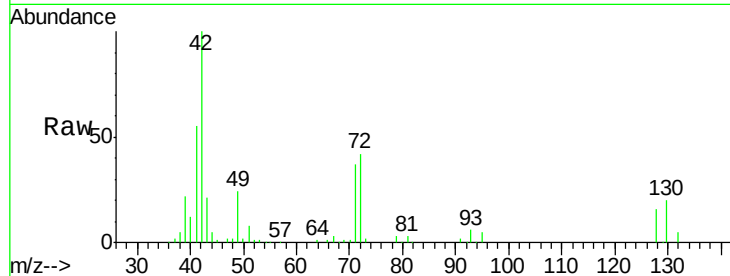
#29
Tetrahydrofuran
Concen: 94.602 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.7	52.1
71	38.8	33.0	49.6

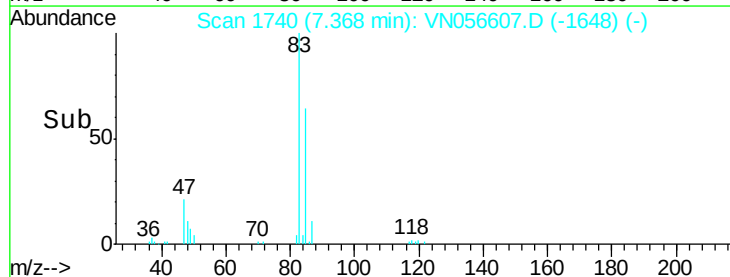
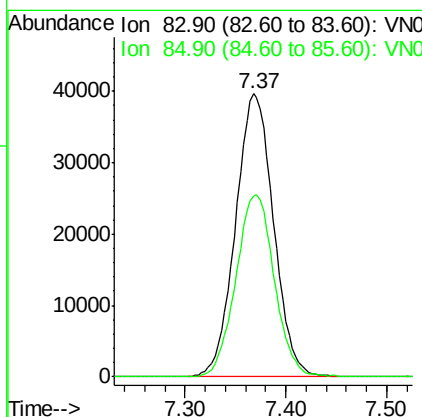
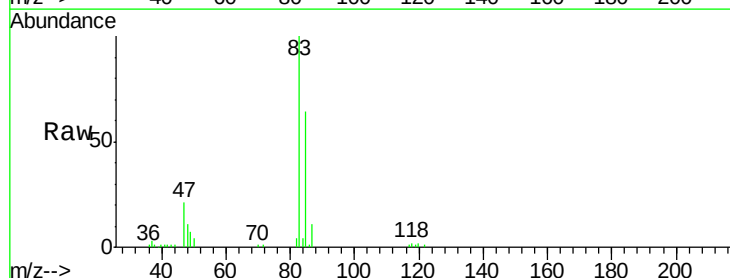
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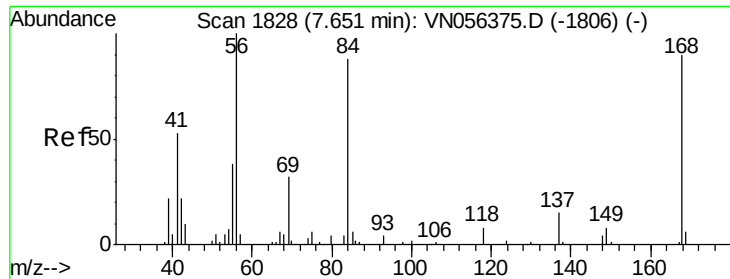
MMDadoda
7/9/2019 9:46:41 AM



#30
Chloroform
Concen: 18.588 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.3	78.5





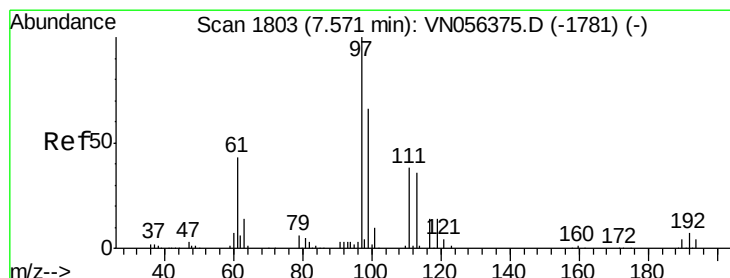
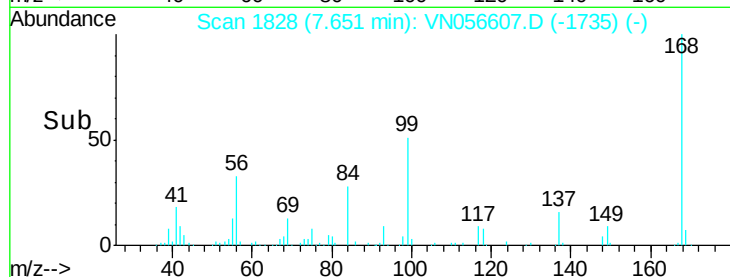
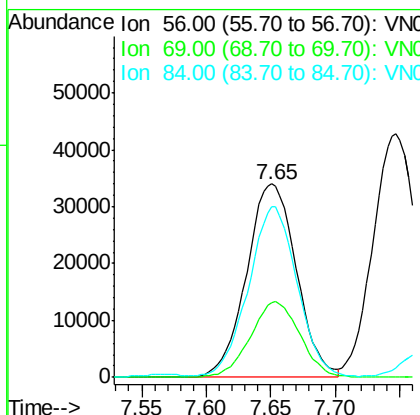
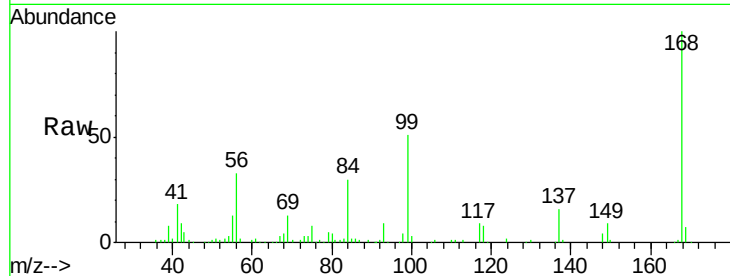
#31
Cyclohexane
Concen: 16.812 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion	56	Resp	91565
Ion Ratio	100	Lower	Upper
56	100		
69	38.9	25.8	38.6#
84	87.7	69.4	104.0

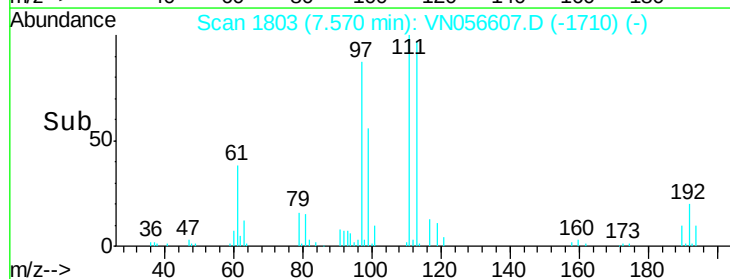
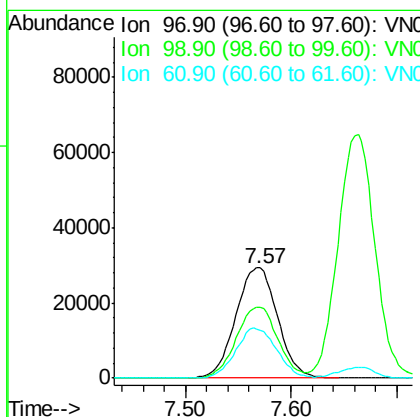
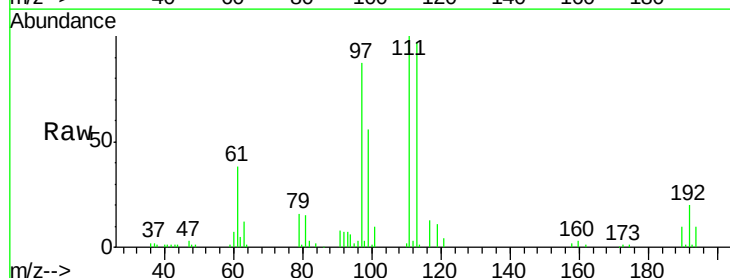
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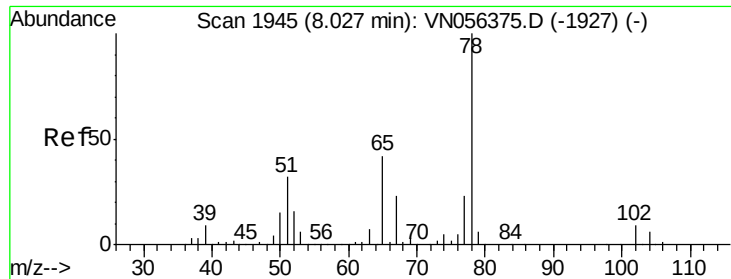
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#32
1,1,1-Trichloroethane
Concen: 18.261 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	97	Resp	80577
Ion Ratio	100	Lower	Upper
97	100		
99	64.6	51.8	77.6
61	44.6	33.9	50.9





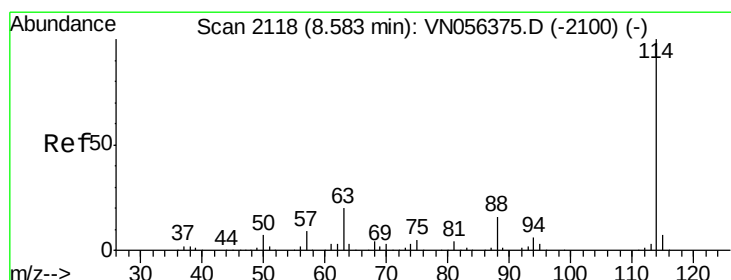
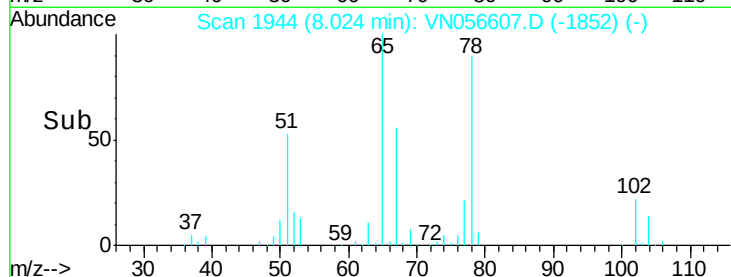
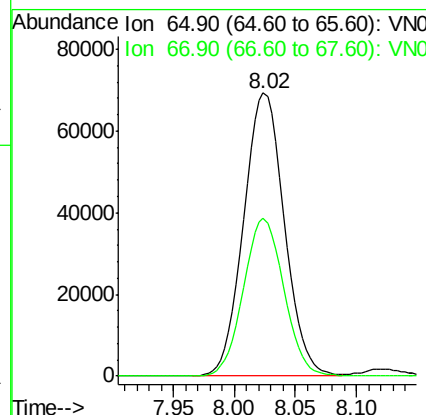
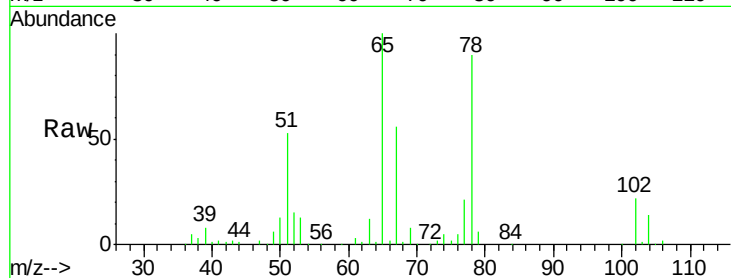
#33
 1,2-Dichloroethane-d4
 Concen: 45.438 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion: 65 Resp: 160261
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0

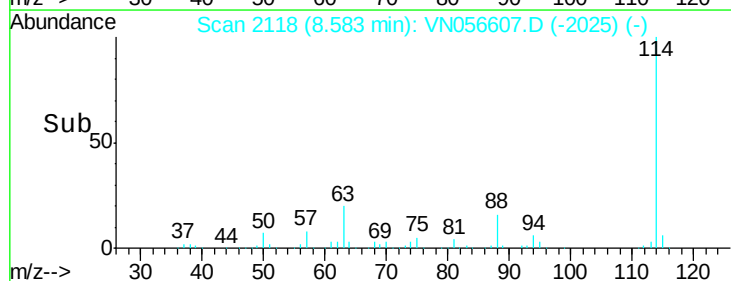
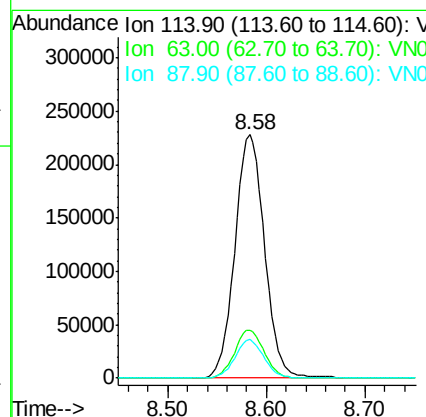
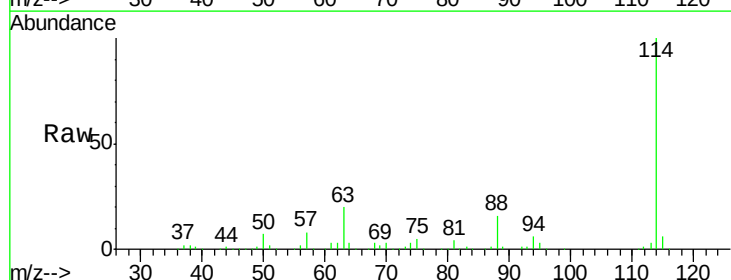
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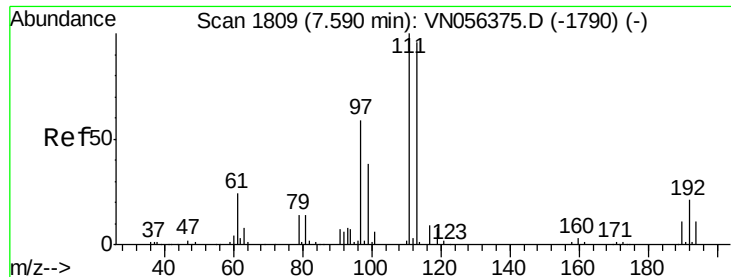
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 7/9/2019 9:46:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion: 114 Resp: 477353
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.183 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

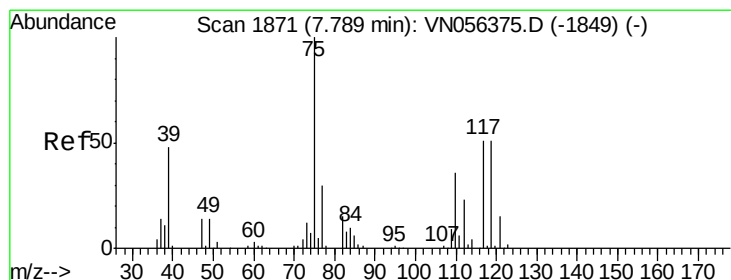
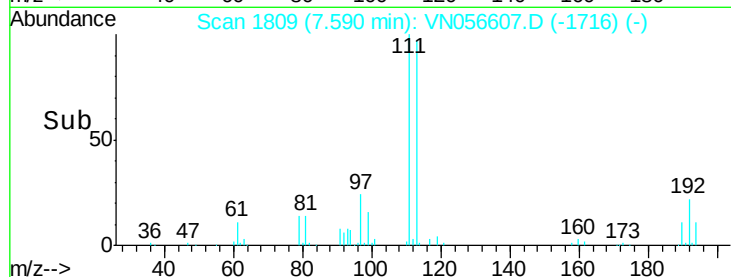
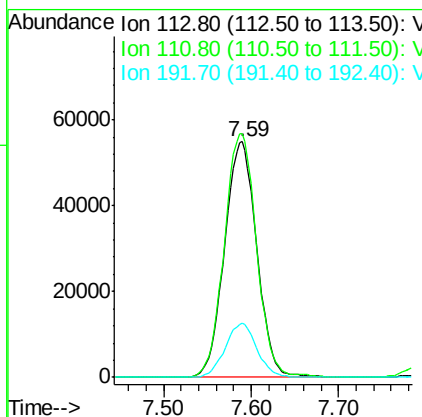
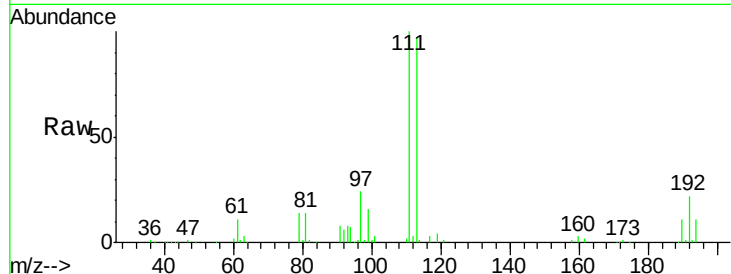
ClientSampleId :

VN0708WBS01

Tot Ion:	113	Resp:	140507
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	22.4	17.7	26.5

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#36

1,1-Dichloropropene

Concen: 17.104 ug/l

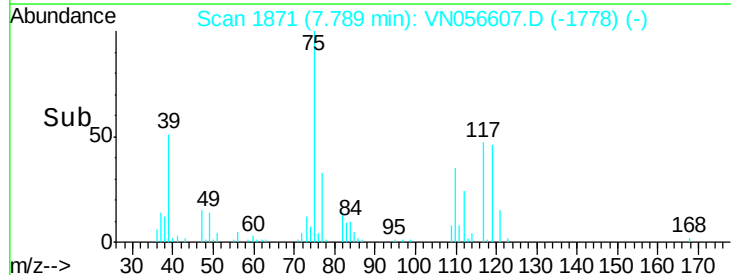
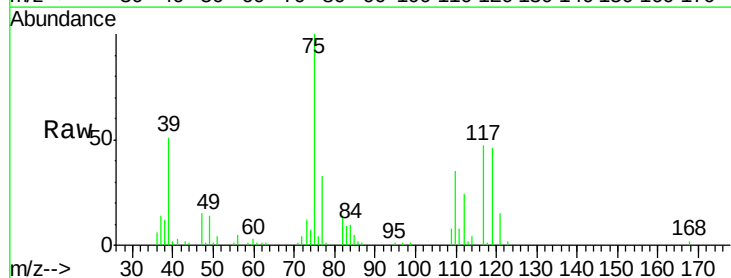
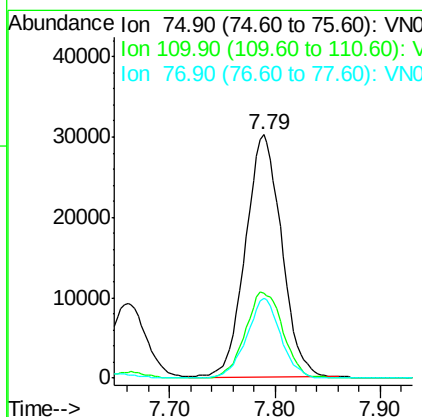
RT: 7.79 min Scan# 1871

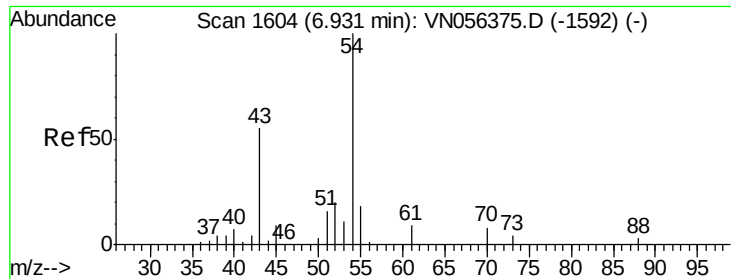
Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Tgt Ion:	75	Resp:	71865
Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.1	54.3
77	31.0	24.6	36.8





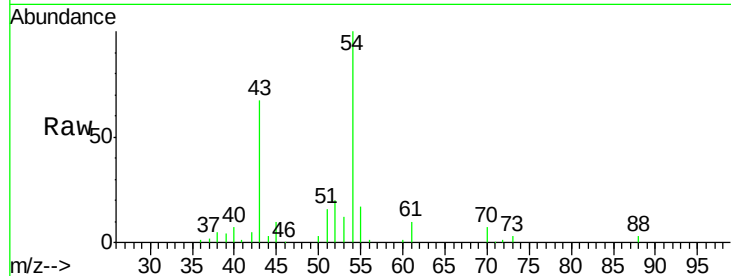
#37
Ethyl Acetate
Concen: 19.306 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	10.6	8.3	12.5

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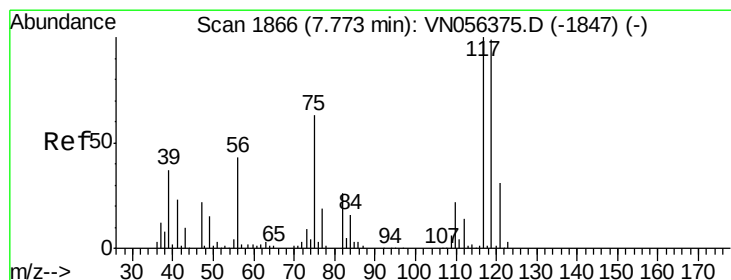
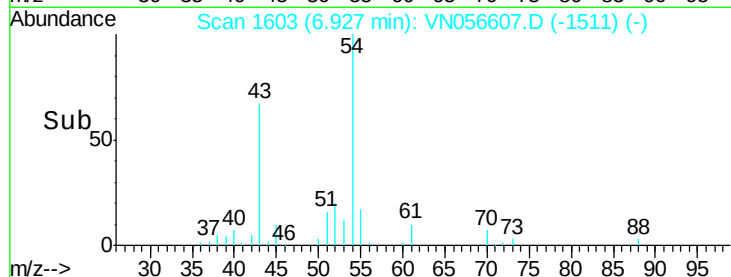
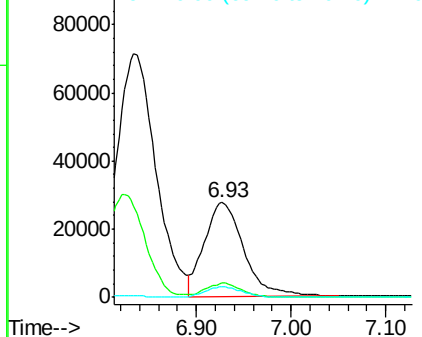


Abundance

Ion 43.00 (42.70 to 43.70): VN056607.D (-1511) (-)

Ion 60.90 (60.60 to 61.60): VN056607.D (-1511) (-)

Ion 70.00 (69.70 to 70.70): VN056607.D (-1511) (-)



#38
Carbon Tetrachloride
Concen: 18.626 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

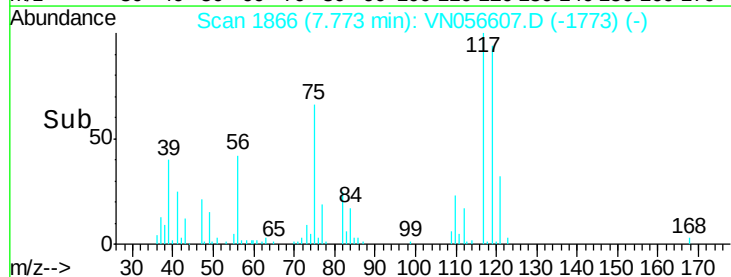
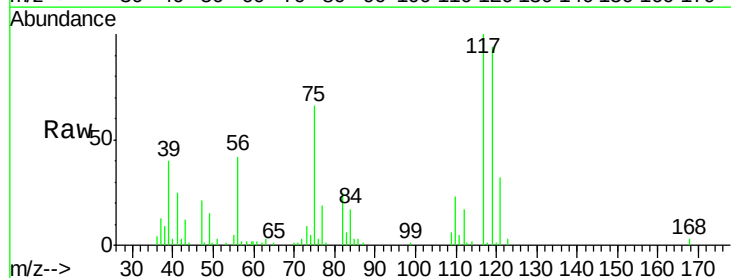
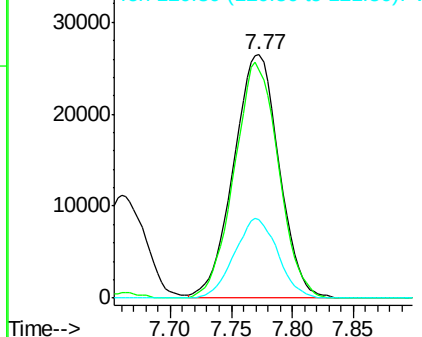
Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	79.1	118.7
121	32.0	24.8	37.2

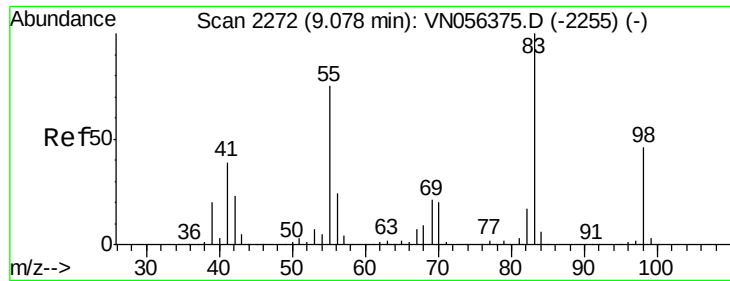
Abundance

Ion 116.80 (116.50 to 117.50): VN056607.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN056607.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN056607.D (-1773) (-)





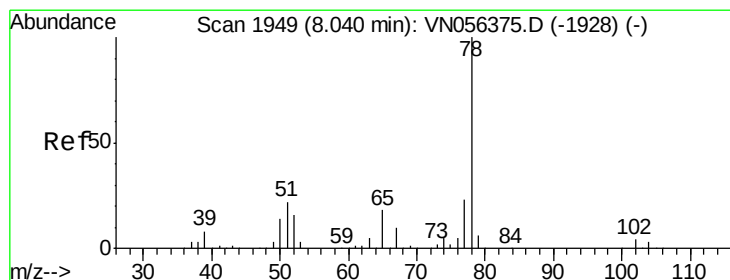
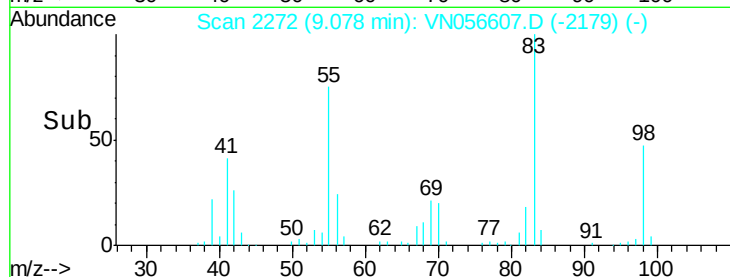
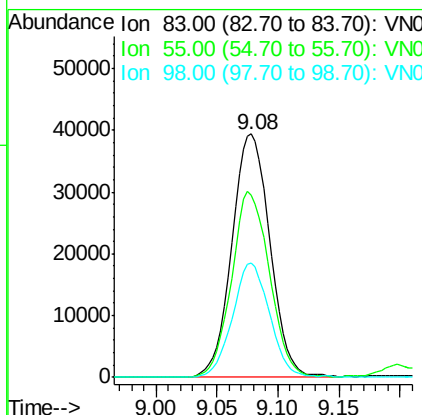
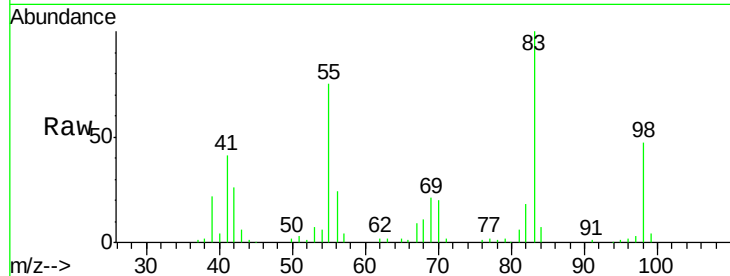
#39
Methylvlcyclohexane
Concen: 16.428 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion	83	Resp	85170
Ion Ratio	100	Lower	Upper
83	100		
55	74.9	60.0	90.0
98	47.0	36.6	54.8

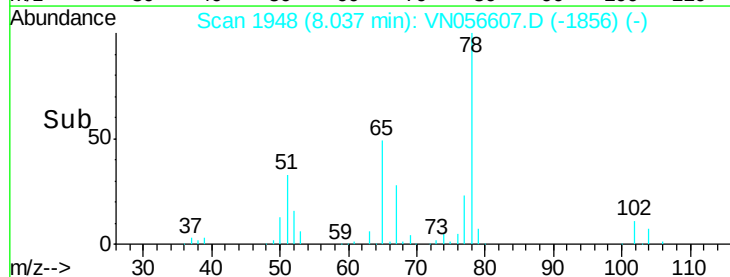
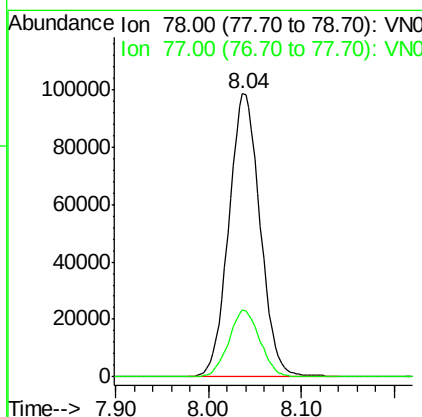
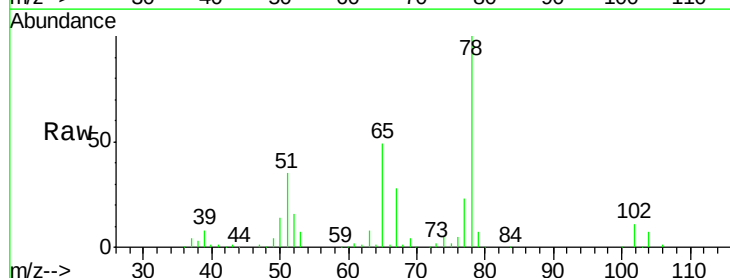
Manual Integrations
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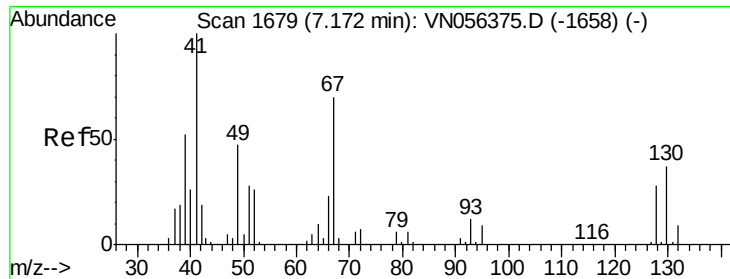
MMDadoda
7/9/2019 9:46:41 AM



#40
Benzene
Concen: 17.875 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	78	Resp	231013
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	18.3	27.5





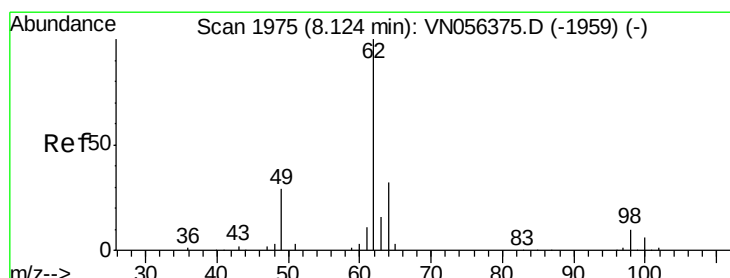
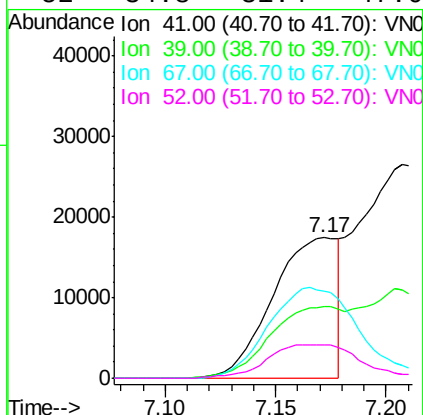
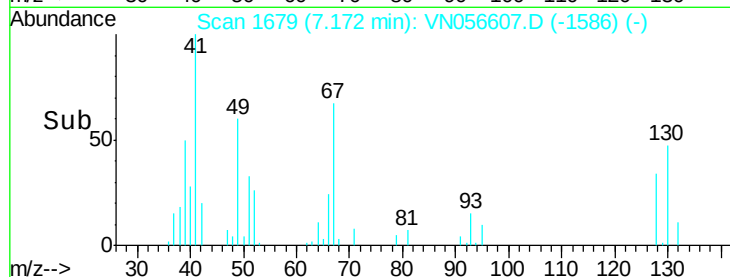
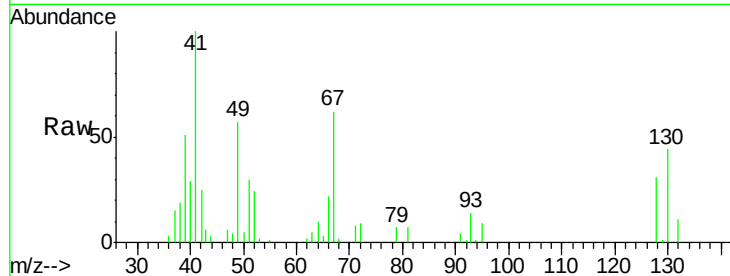
#41
Methacrylonitrile
Concen: 19.584 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	41	Resp	35707
Ion Ratio	Lower	Upper	
41	100		
39	57.2	55.3	82.9
67	90.8	79.2	118.8
52	34.8	31.4	47.0

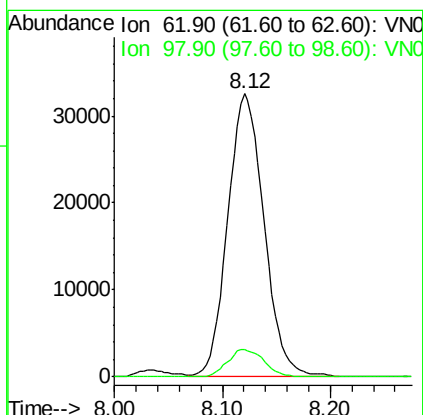
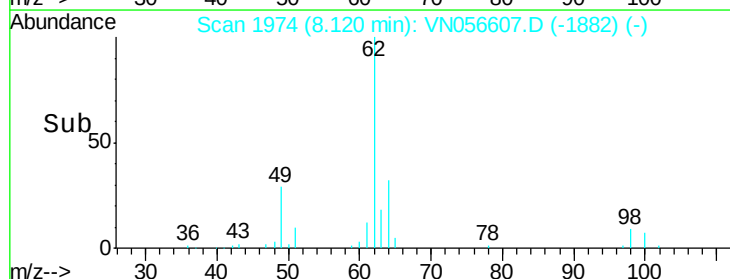
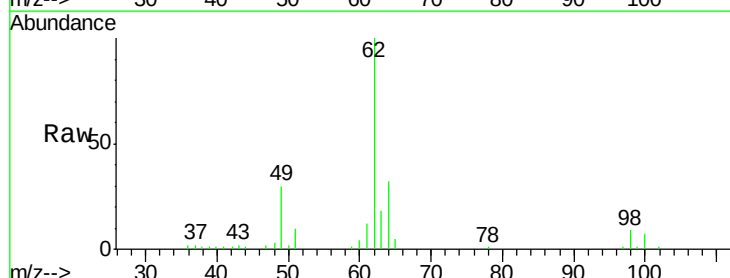
Manual Integrations
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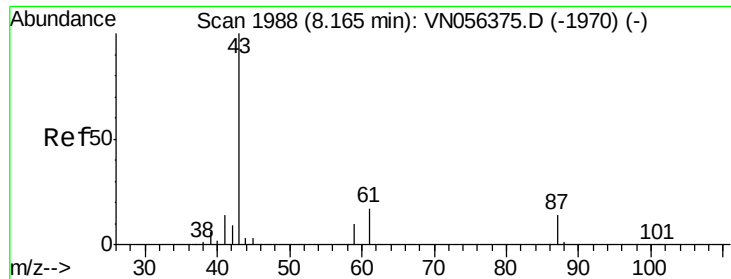
MMDadoda
7/9/2019 9:46:41 AM



#42
1,2-Dichloroethane
Concen: 17.906 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	62	Resp	76371
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	19.4





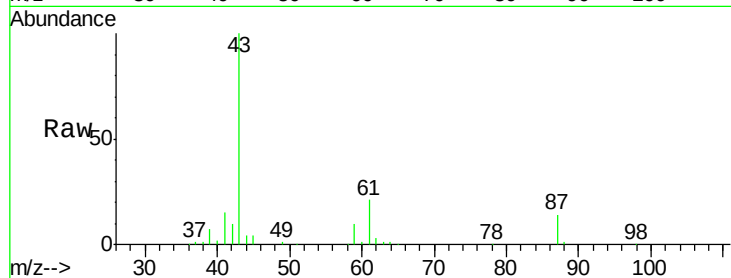
#43
Isopropyl Acetate
Concen: 19.416 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

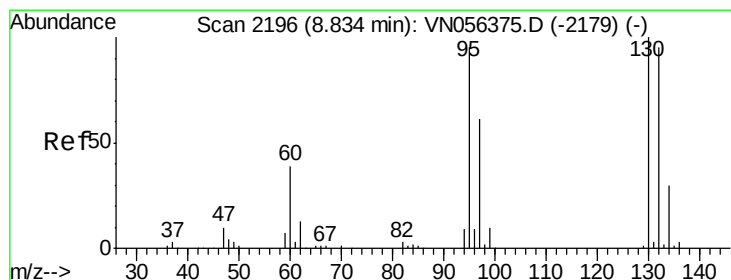
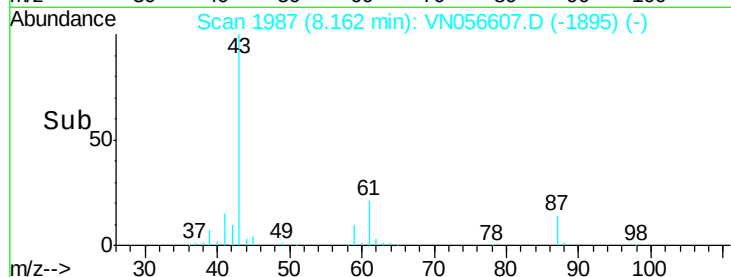
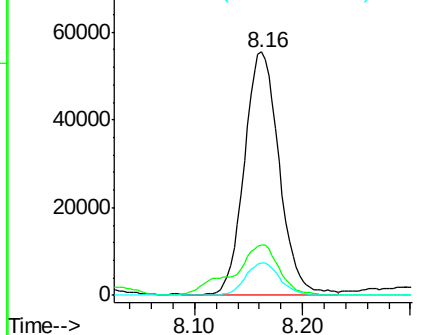
Tot Ion	Ratio	Lower	Upper
43	100		
61	27.6	22.0	33.0
87	13.3	11.0	16.4

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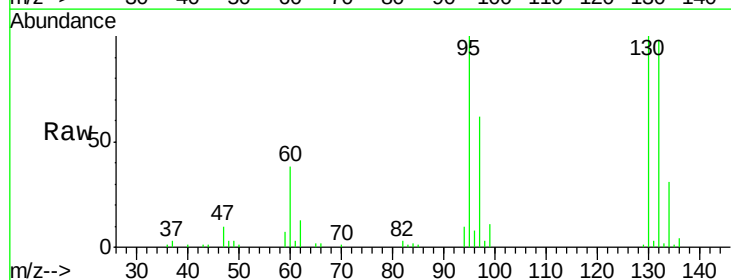


Abundance Ion 43.00 (42.70 to 43.70): VN056607.D (-1895) (-)

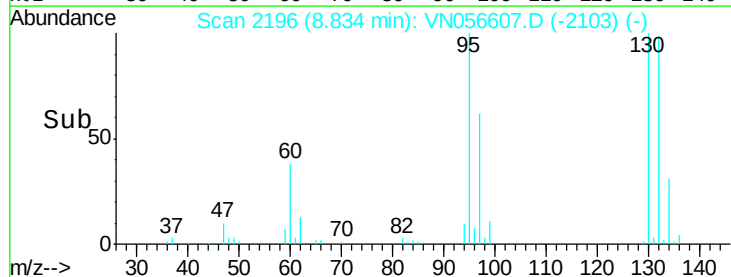
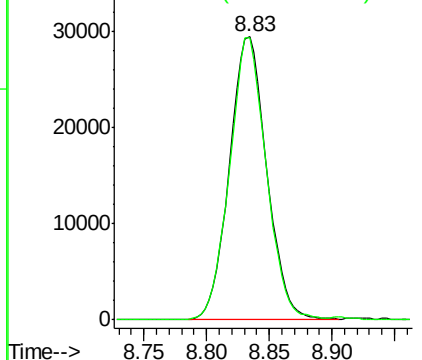


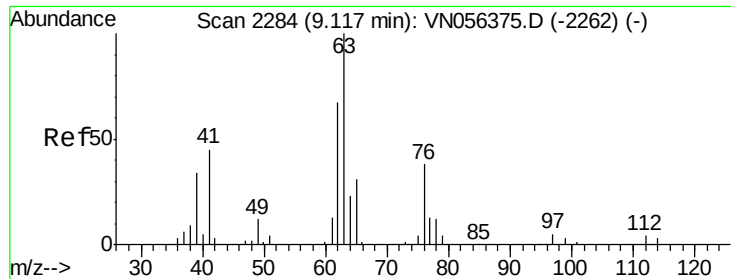
#44
Trichloroethene
Concen: 17.470 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056607.D (-2103) (-)





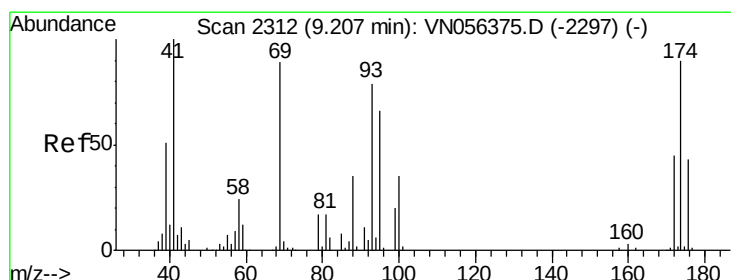
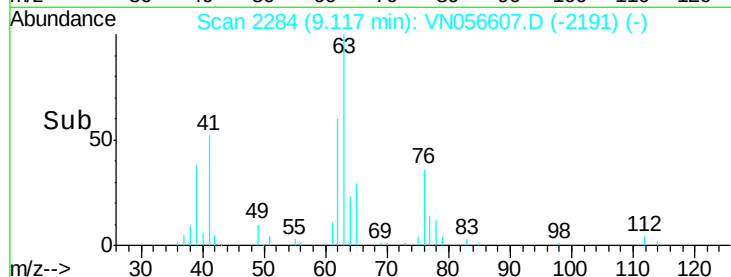
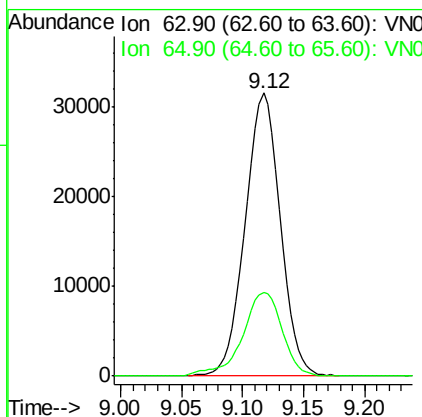
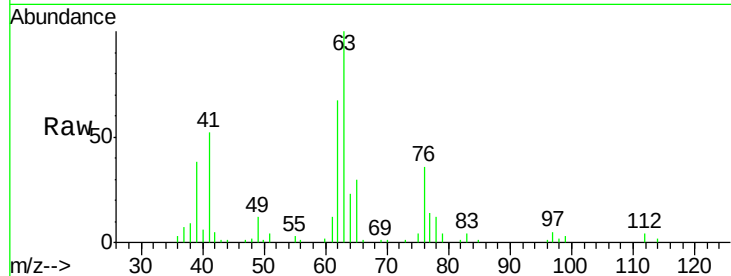
#45
 1,2-Dichloropropane
 Concen: 18.143 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0708WBS01

Tot Ion: 63 Resp: 62710
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.6

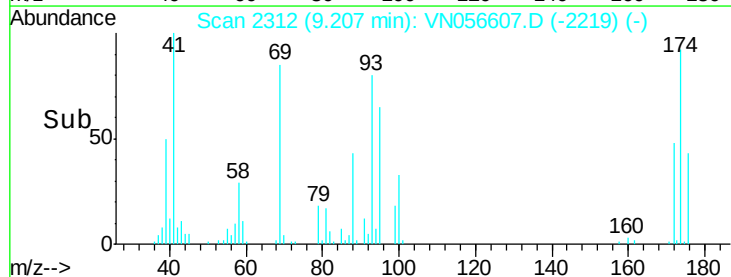
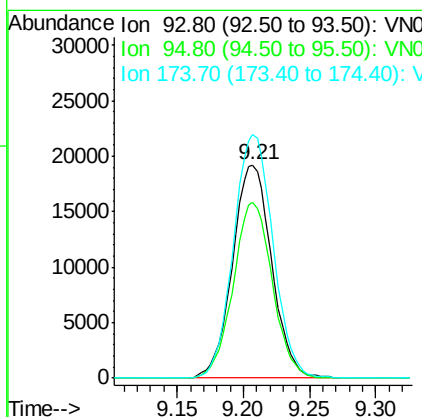
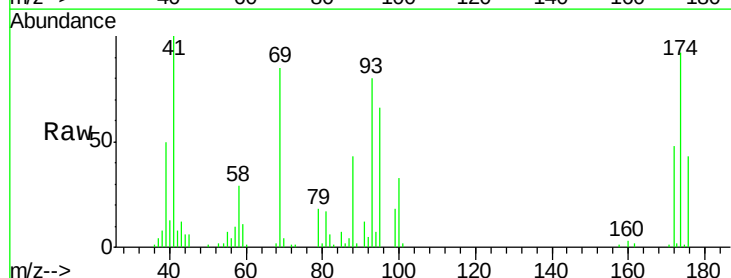
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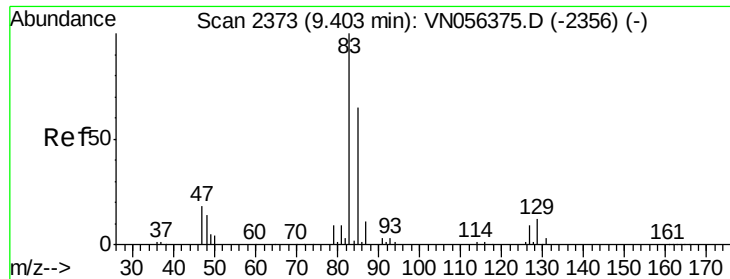
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#46
 Dibromomethane
 Concen: 18.242 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion: 93 Resp: 39447
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.2
 174 115.1 90.8 136.2





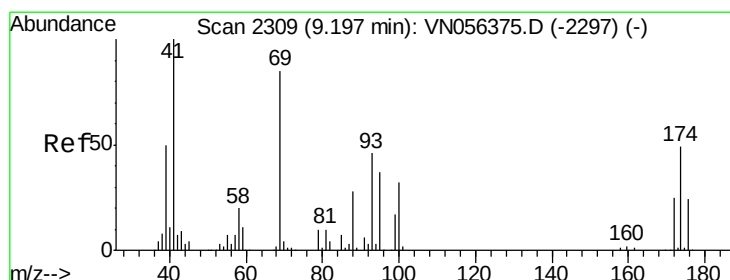
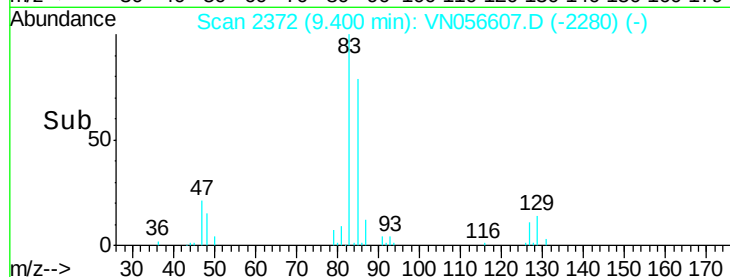
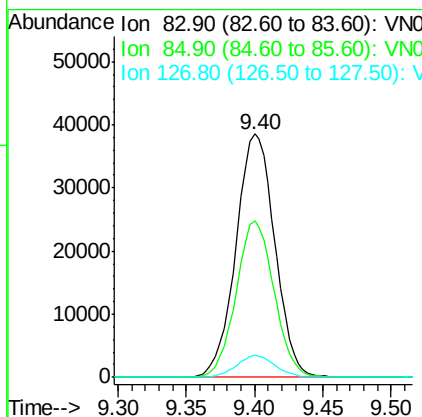
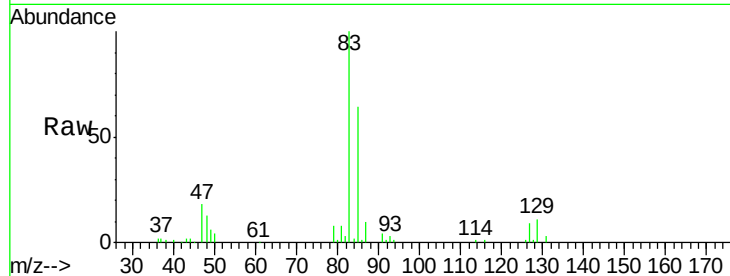
#47
Bromodichloromethane
Concen: 19.879 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	83	Resp	76238
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	52.2	78.4
127	9.1	7.3	10.9

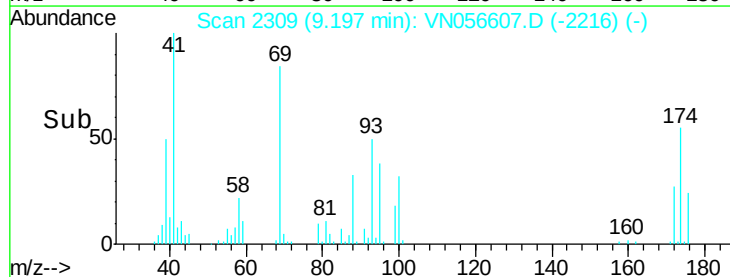
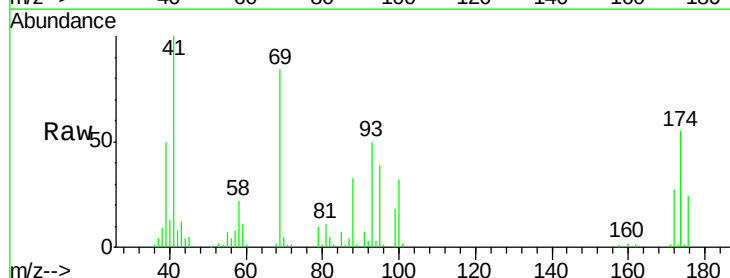
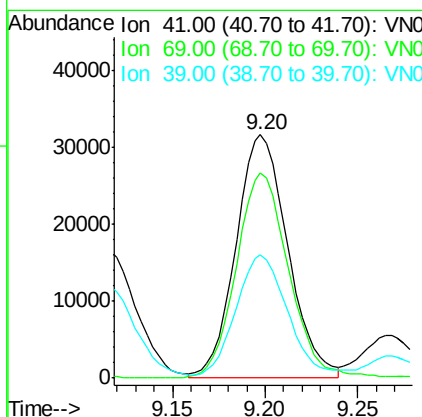
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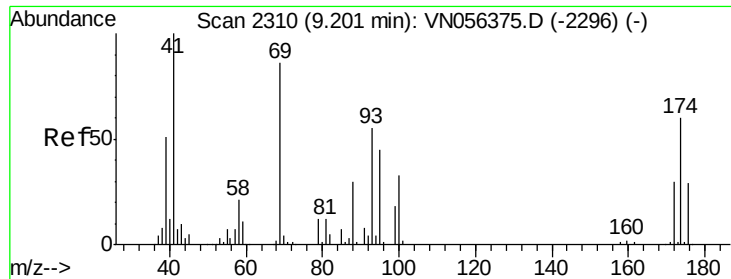
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#48
Methyl methacrylate
Concen: 19.104 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	41	Resp	60953
Ion Ratio	100	Lower	Upper
41	100		
69	86.1	72.6	109.0
39	51.3	42.6	63.8





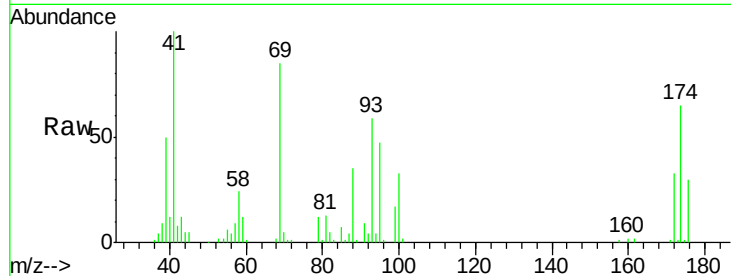
#49
1,4-Dioxane
Concen: 383.272 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

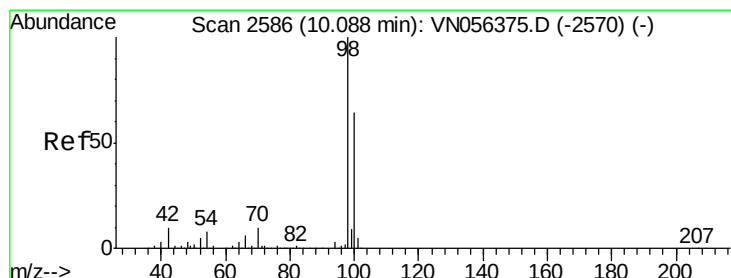
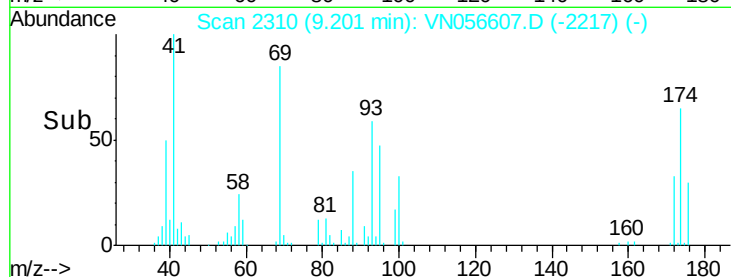
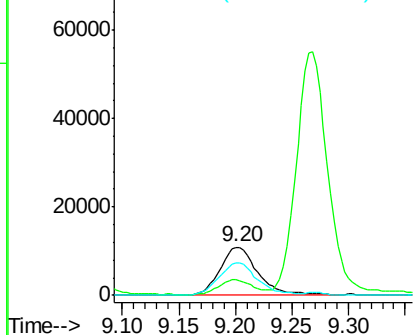
Tot Ion	88	Resp	25377
Ion	Ratio	Lower	Upper
88	100		
43	31.1	22.0	33.0
58	68.8	51.8	77.8

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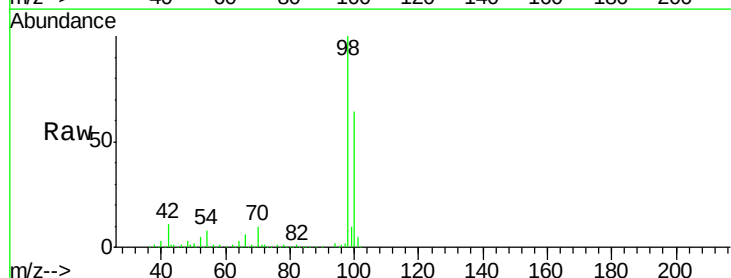


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

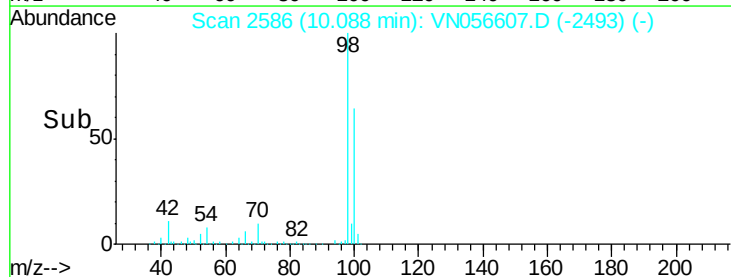
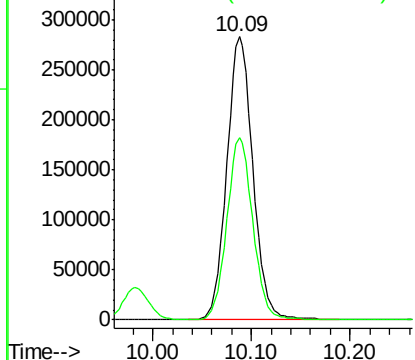


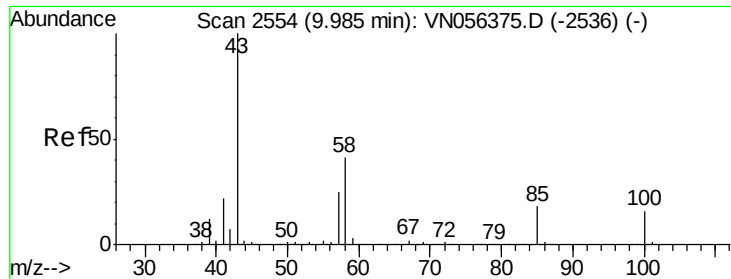
#50
Toluene-d8
Concen: 45.265 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	98	Resp	524497
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 98.307 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampled :

VN0708WBS01

Tot Ion: 43 Resp: 403986

Ion Ratio Lower Upper

43 100

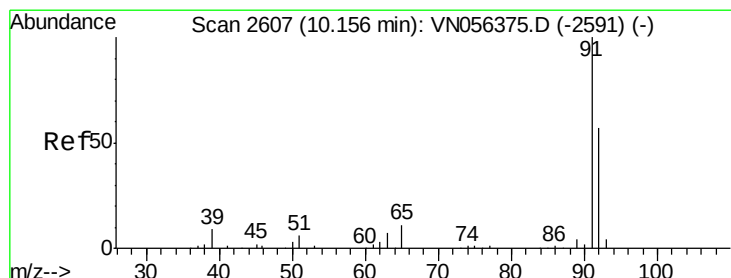
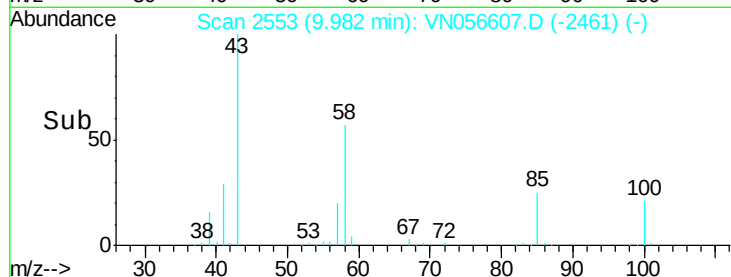
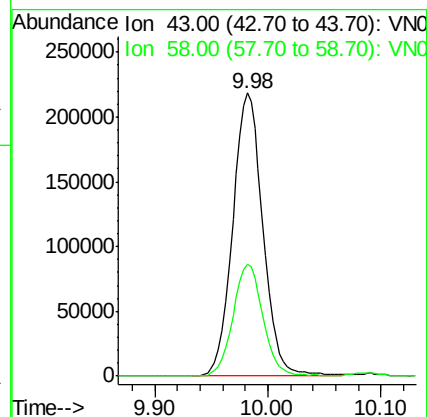
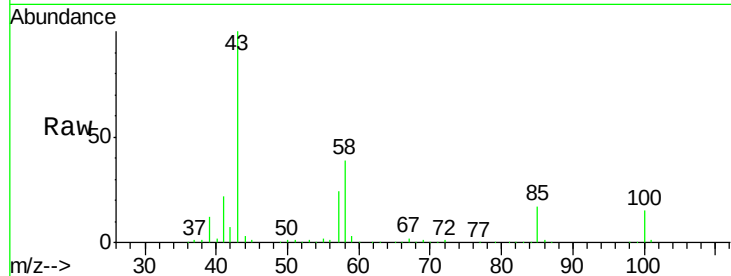
58 39.4 31.8 47.8

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#52

Toluene

Concen: 17.755 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056607.D

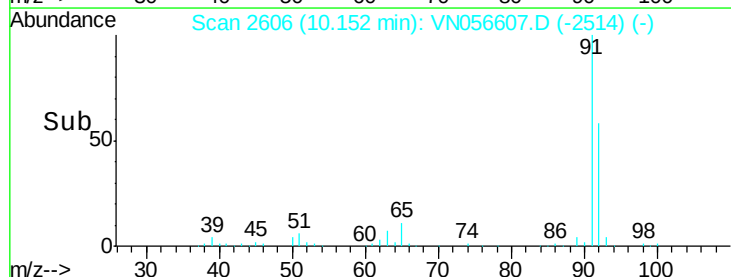
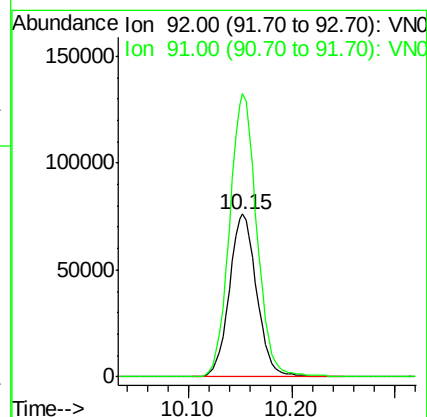
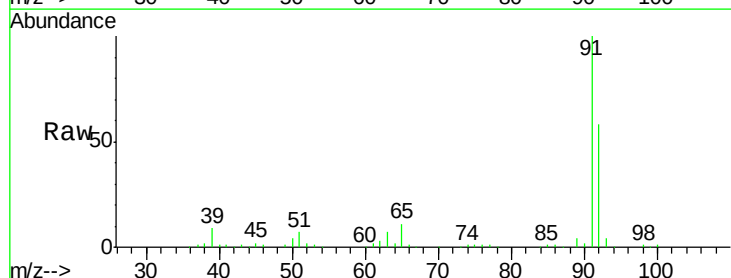
Acq: 8 Jul 2019 14:21

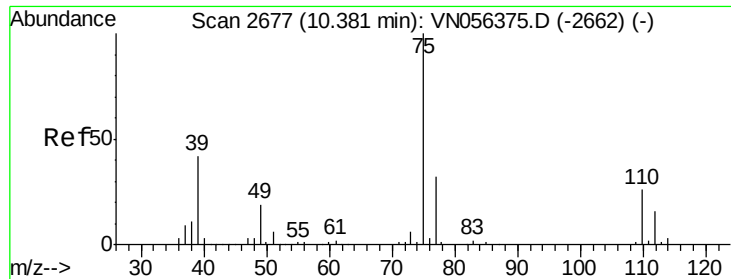
Tgt Ion: 92 Resp: 140293

Ion Ratio Lower Upper

92 100

91 173.6 140.6 211.0





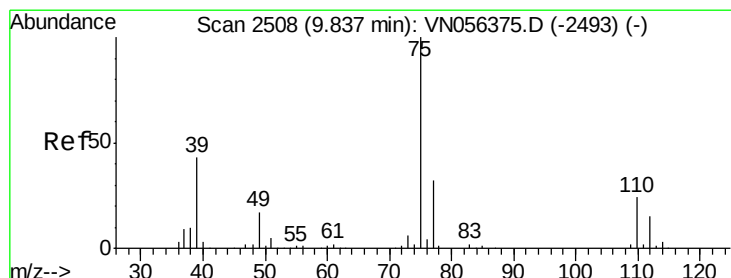
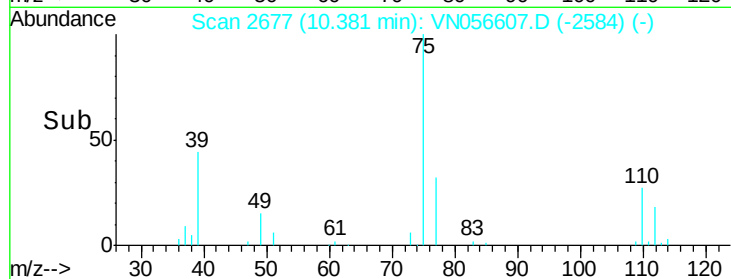
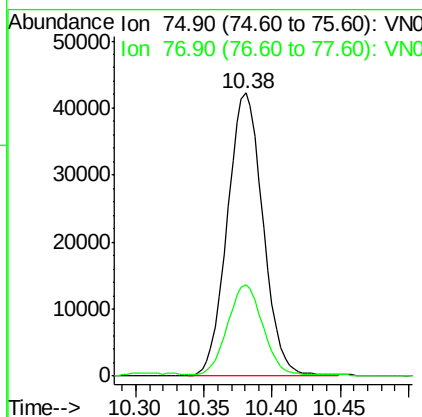
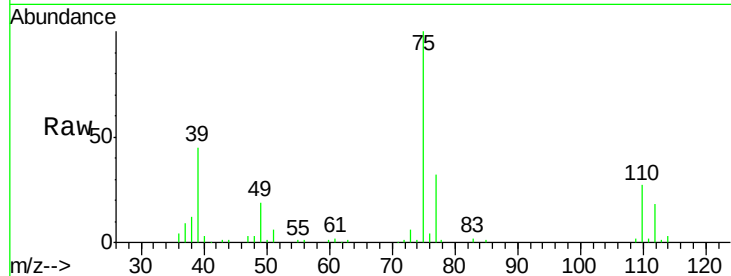
#53
t-1,3-Dichloropropene
Concen: 19.066 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion: 75 Resp: 76684
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

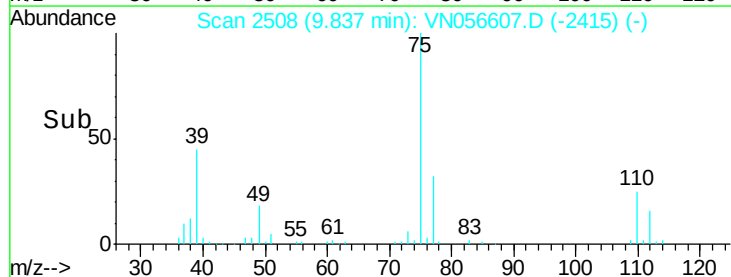
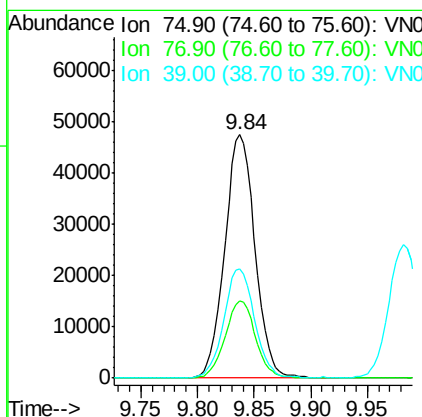
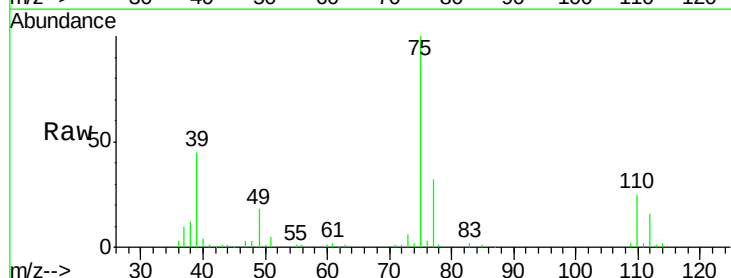
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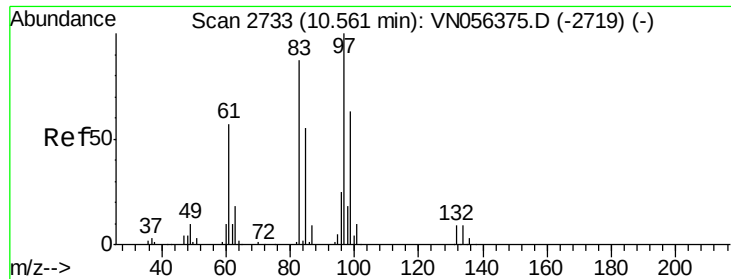
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#54
cis-1,3-Dichloropropene
Concen: 19.137 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 75 Resp: 88386
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 45.0 34.2 51.4





#55

1,1,2-Trichloroethane

Concen: 18.838 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

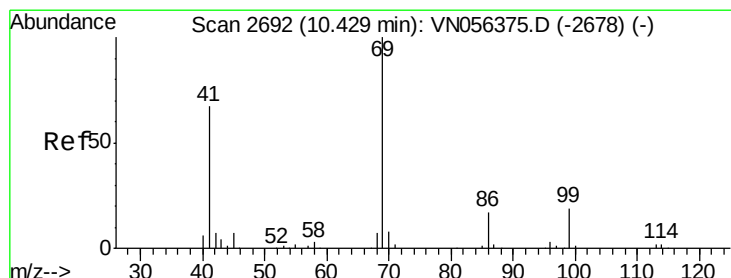
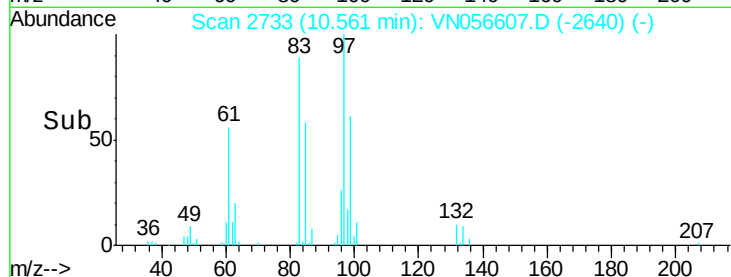
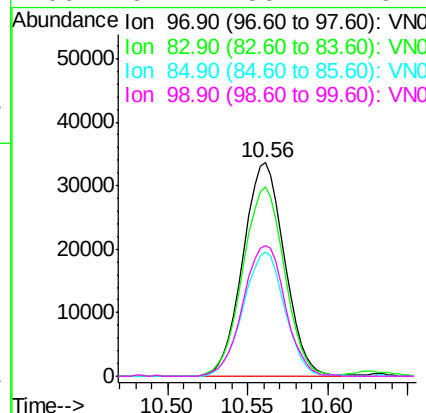
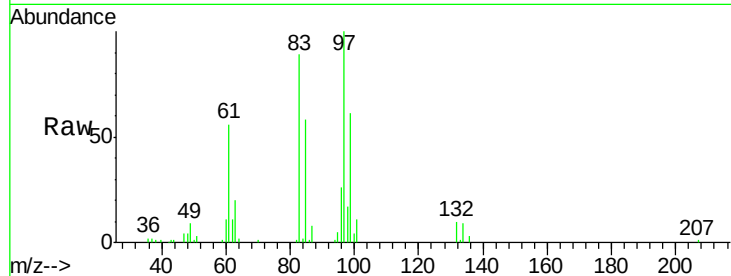
ClientSampled :

VN0708WBS01

Tot Ion:	97	Resp:	59832
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.8	104.6
85	58.4	43.8	65.8
99	61.1	50.2	75.2

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#56

Ethyl methacrylate

Concen: 19.066 ug/l

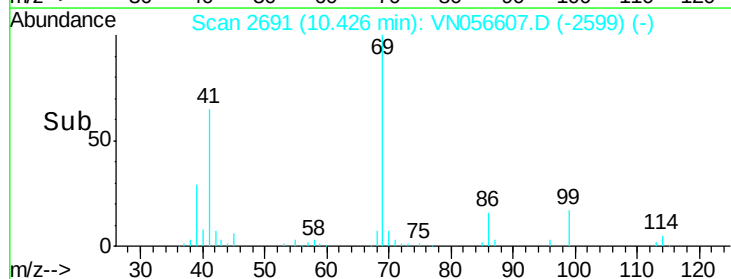
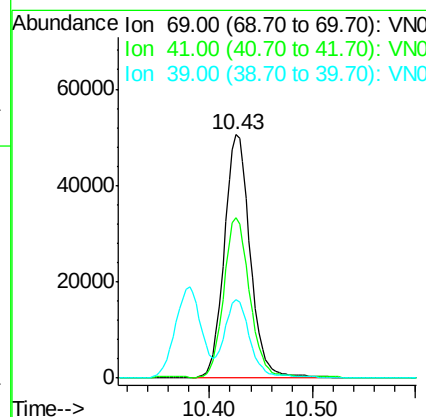
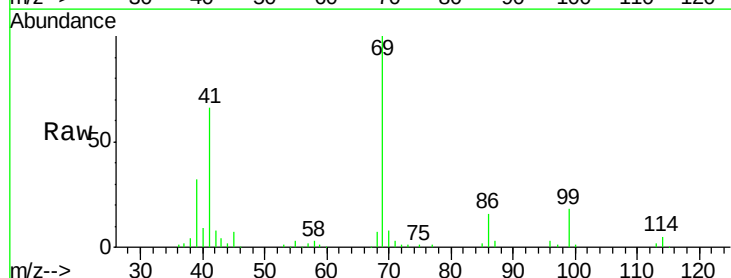
RT: 10.43 min Scan# 2691

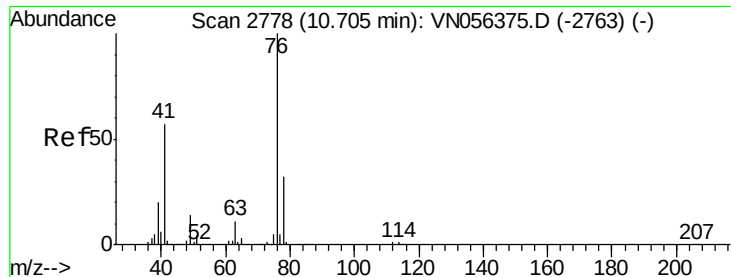
Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Tgt Ion:	69	Resp:	88498
Ion	Ratio	Lower	Upper
69	100		
41	65.4	51.4	77.2
39	31.3	24.7	37.1





#57

1,3-Dichloropropane

Concen: 18.726 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

Tot Ion: 76 Resp: 99913

Ion Ratio Lower Upper

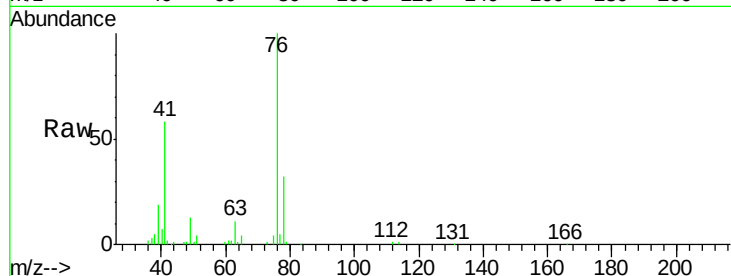
76 100

78 32.6 25.9 38.9

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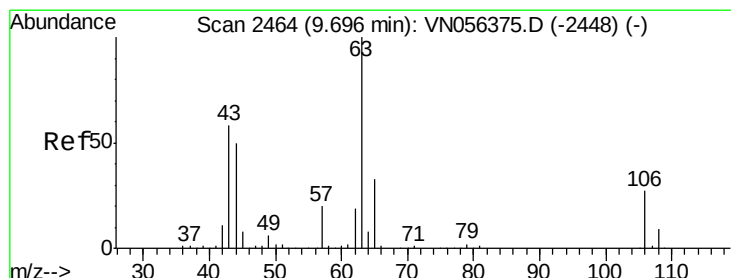
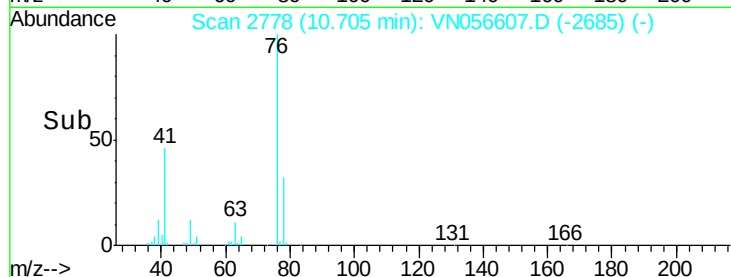
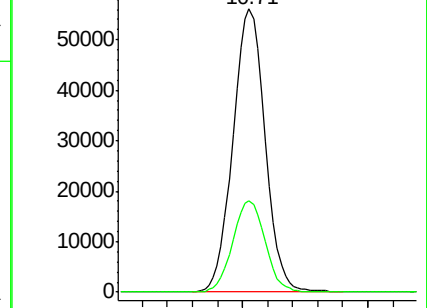
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 135.880 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056607.D

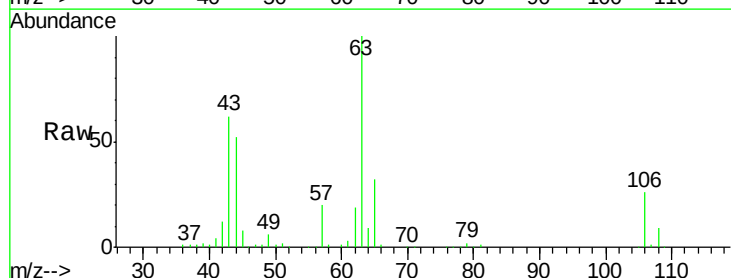
Acq: 8 Jul 2019 14:21

Tgt Ion: 63 Resp: 226578

Ion Ratio Lower Upper

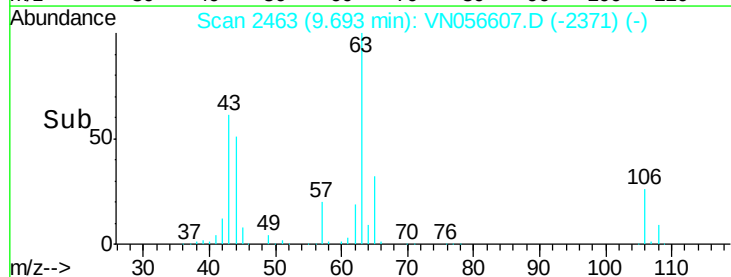
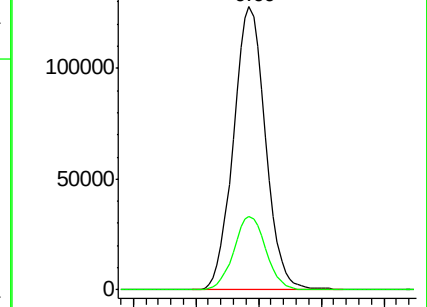
63 100

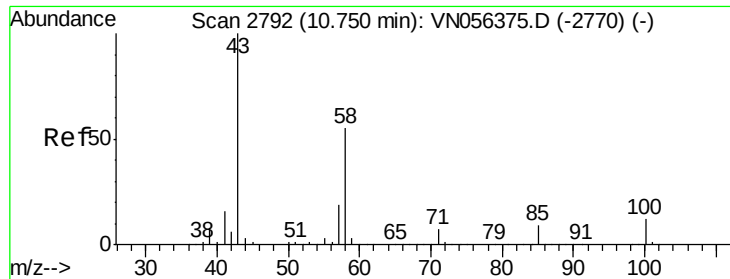
106 26.1 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





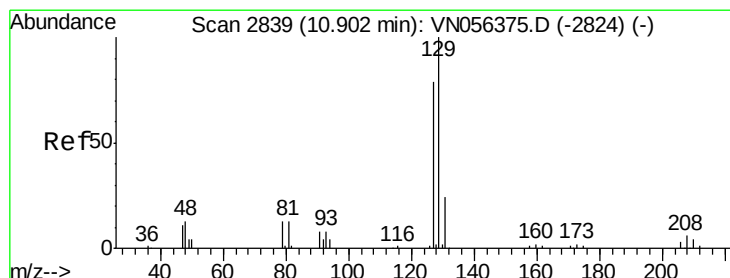
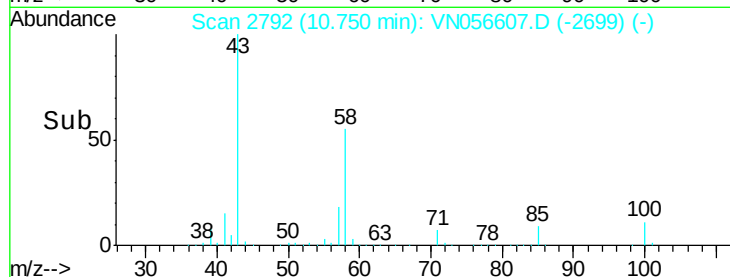
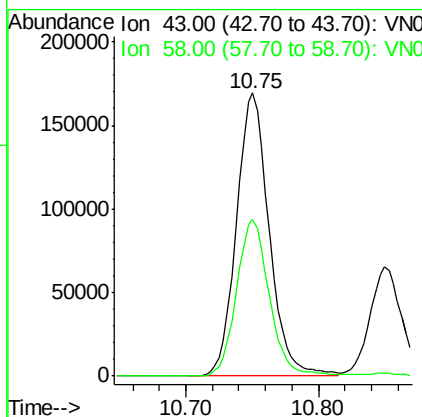
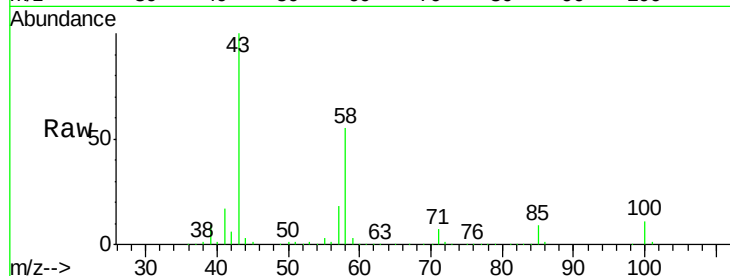
#59
2-Hexanone
Concen: 95.771 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion: 43 Resp: 289256
Ion Ratio Lower Upper
43 100
58 55.8 27.8 83.4

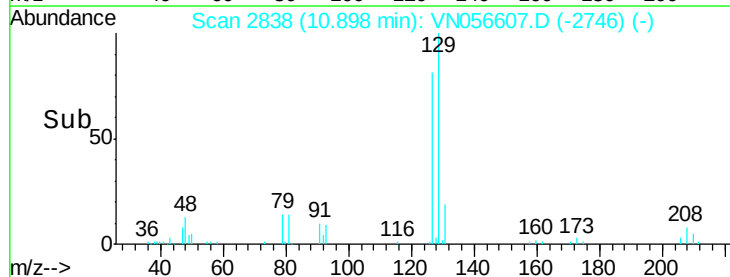
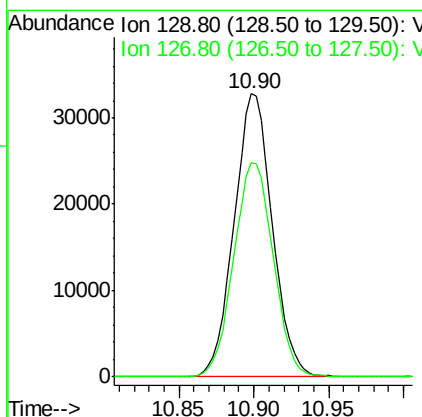
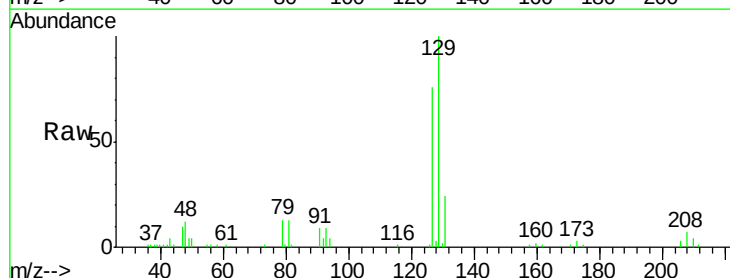
Manual Integrations
APPROVED

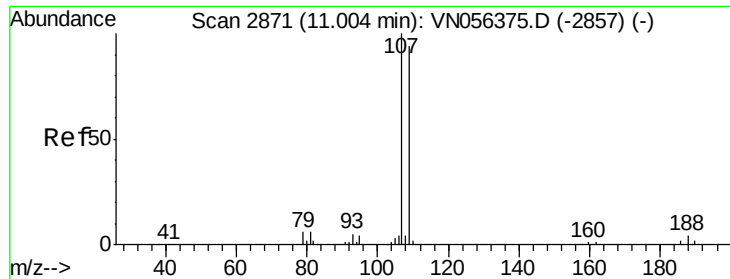
MMDadoda
7/9/2019 9:46:41 AM



#60
Dibromochloromethane
Concen: 19.363 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 129 Resp: 58209
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7





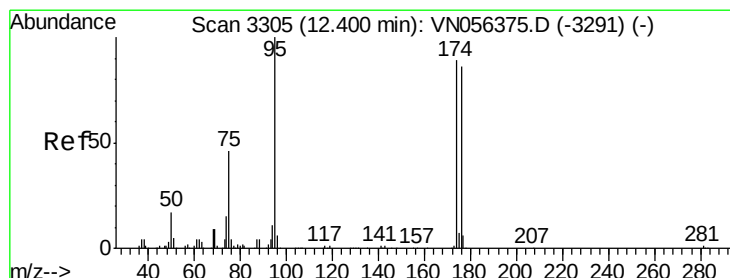
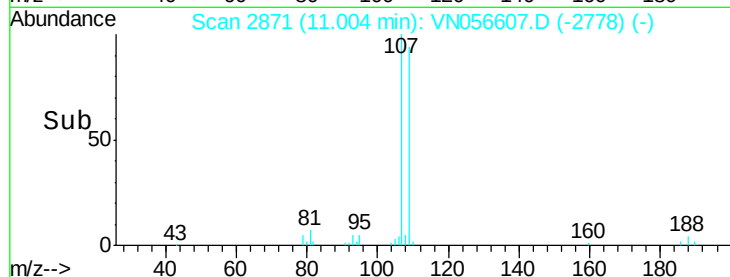
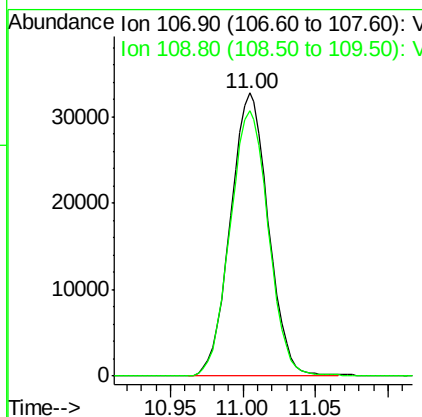
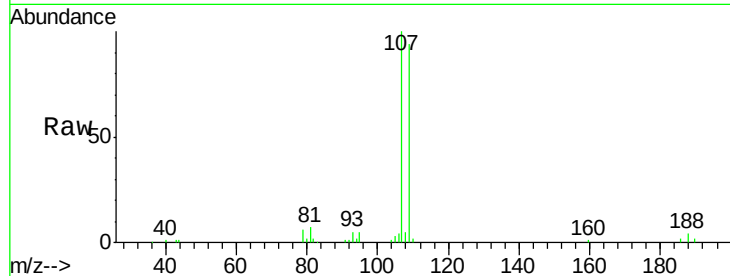
#61
 1,2-Dibromoethane
 Concen: 18.358 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.3	112.9

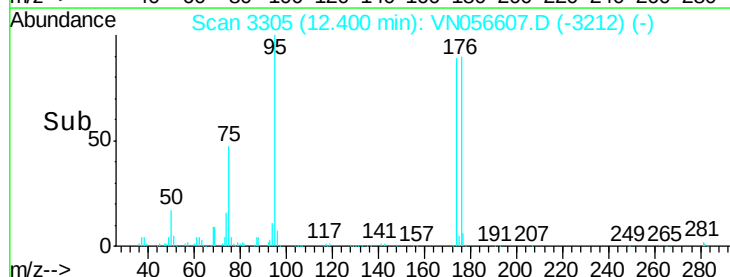
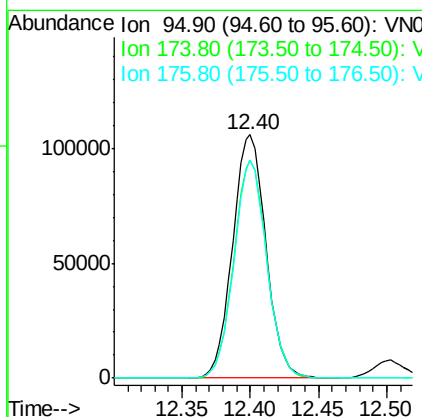
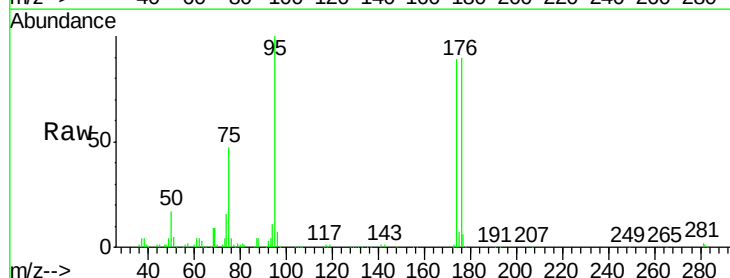
Manual Integrations
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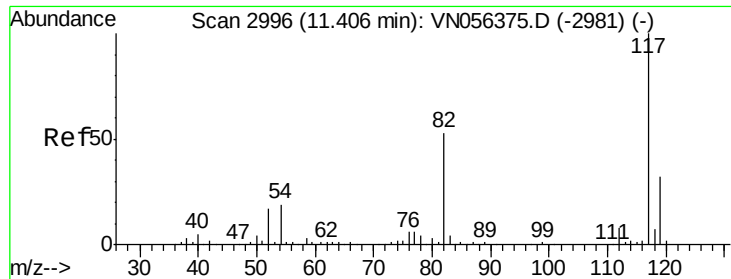
MMDadoda
 7/9/2019 9:46:41 AM



#62
 4-Bromofluorobenzene
 Concen: 46.623 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	179.4
176	87.4	0.0	173.4





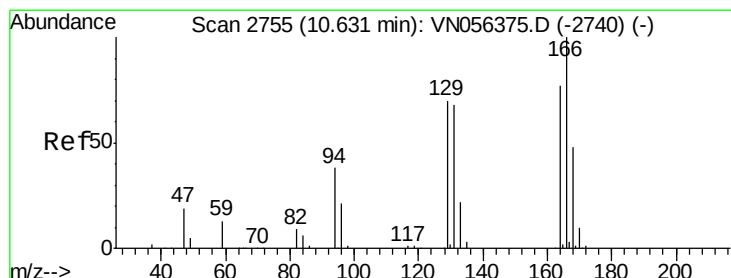
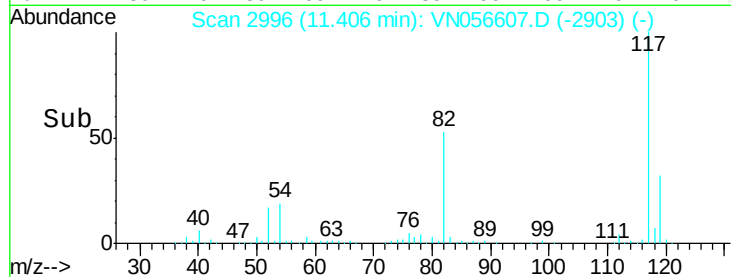
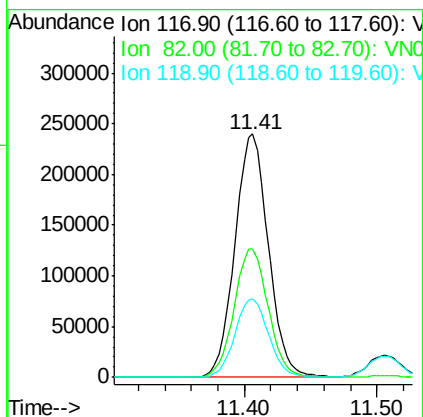
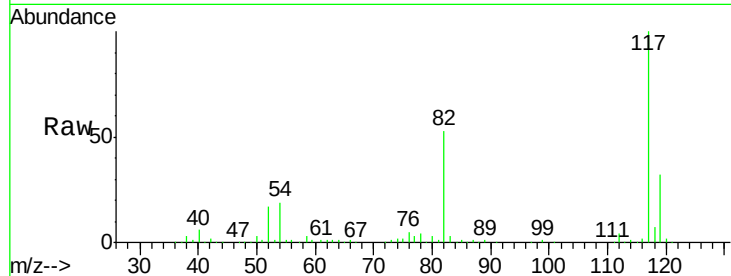
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.0	63.0
119	32.3	25.3	37.9

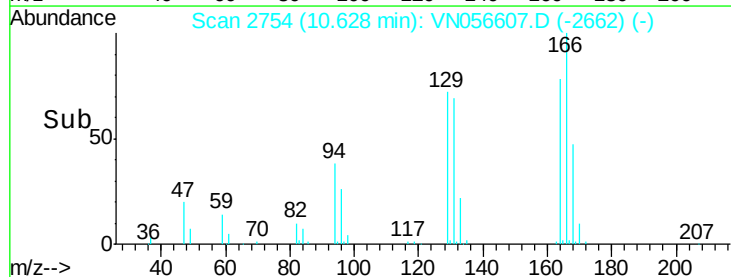
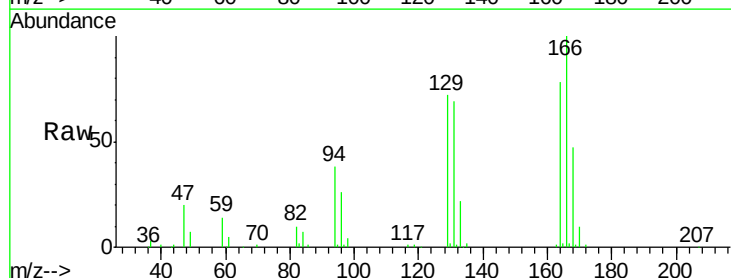
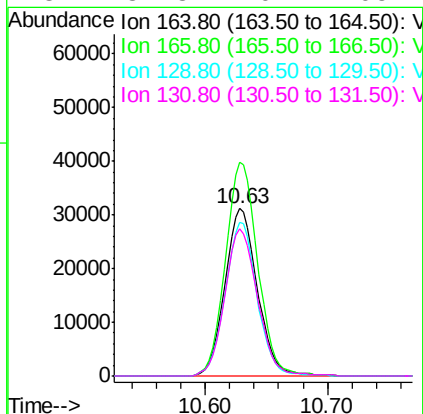
Manual Integrations
APPROVED

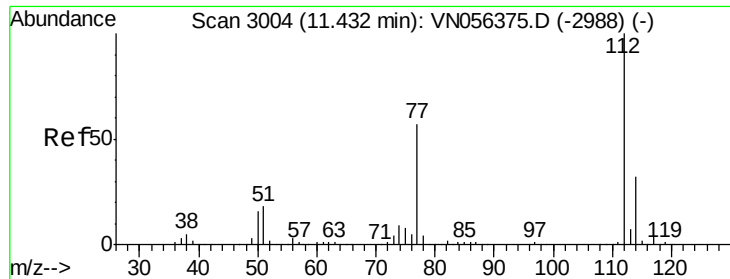
MMDadoda
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#64
Tetrachloroethene
Concen: 17.355 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	103.4	155.0
129	92.1	72.0	108.0
131	87.8	70.2	105.2





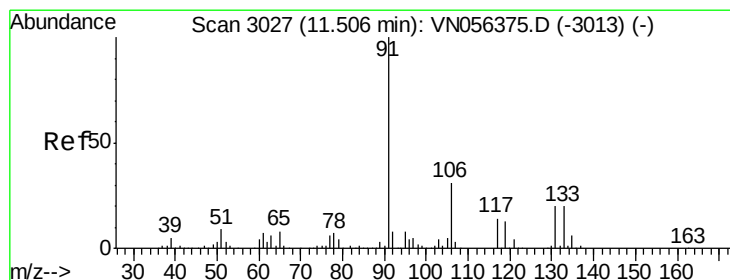
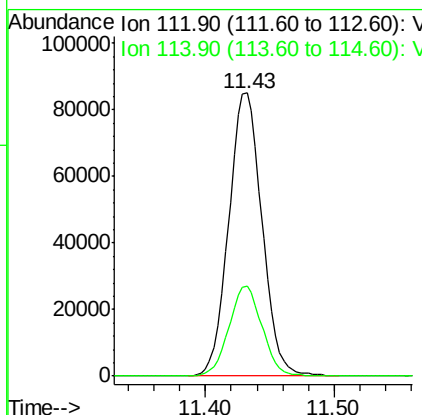
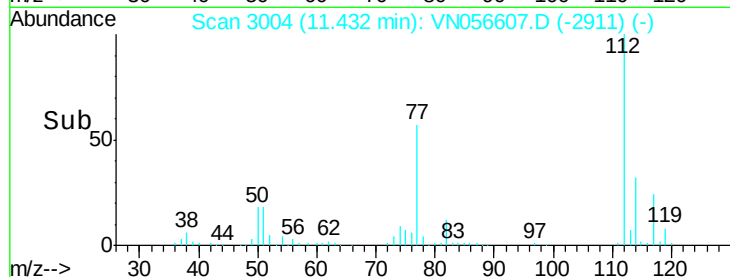
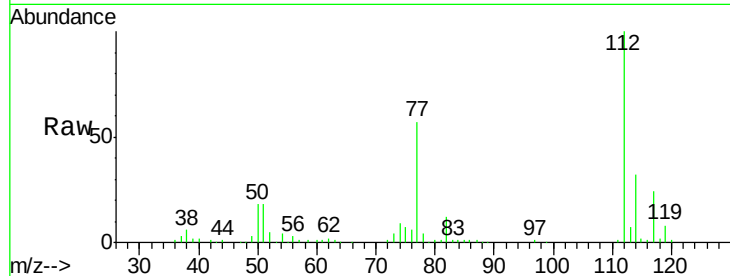
#65
Chlorobenzene
Concen: 18.028 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion:112 Resp: 152532
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

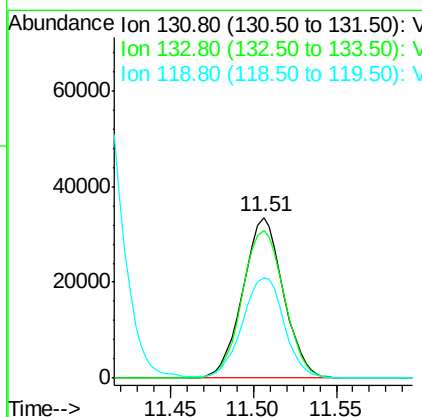
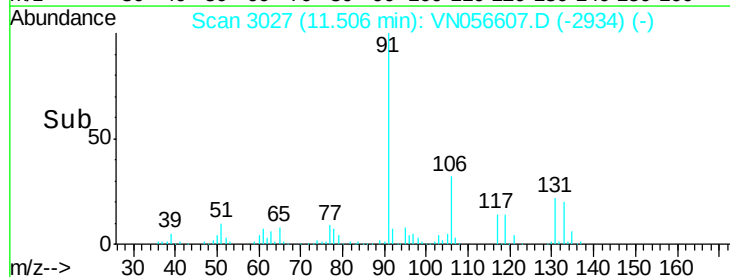
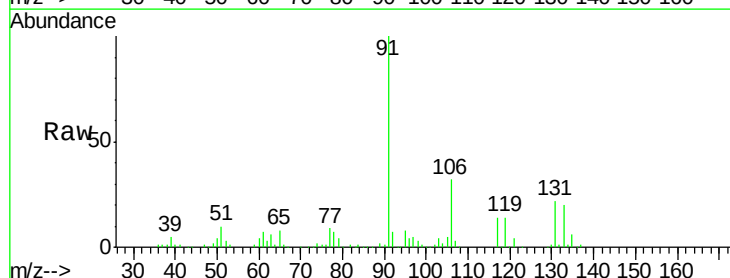
Manual Integrations
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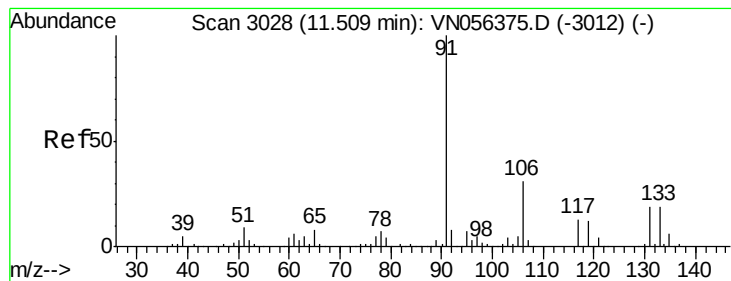
MMDadoda
7/9/2019 9:46:41 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.852 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion:131 Resp: 56767
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 64.7 32.8 98.4





#67

Ethyl Benzene

Concen: 18.037 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

Tot Ion: 91 Resp: 267953

Ion Ratio Lower Upper

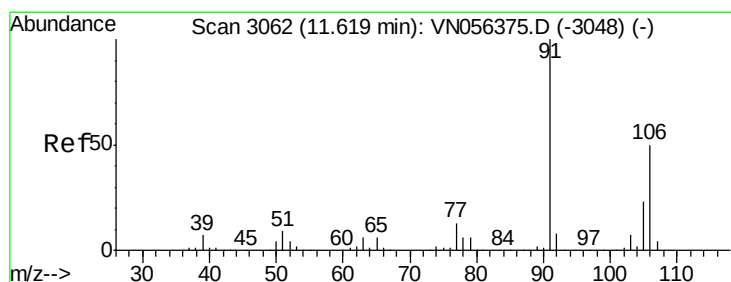
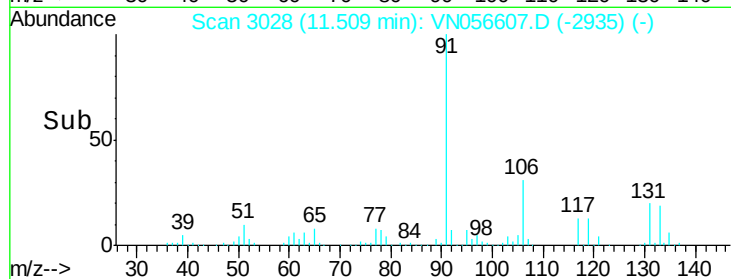
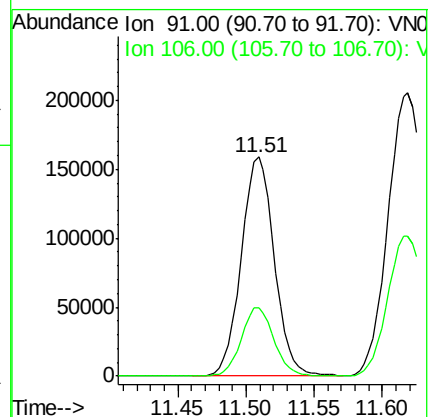
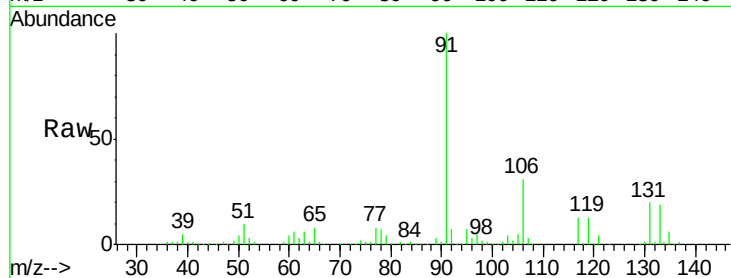
91 100

106 31.3 25.1 37.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.107 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN056607.D

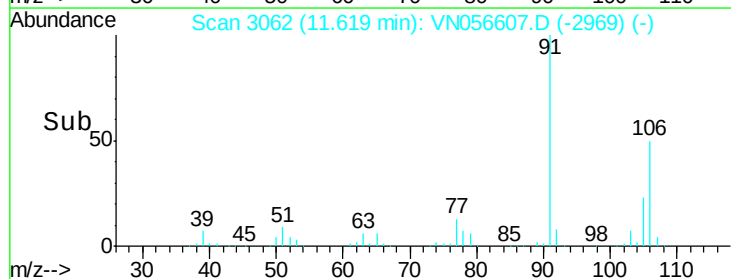
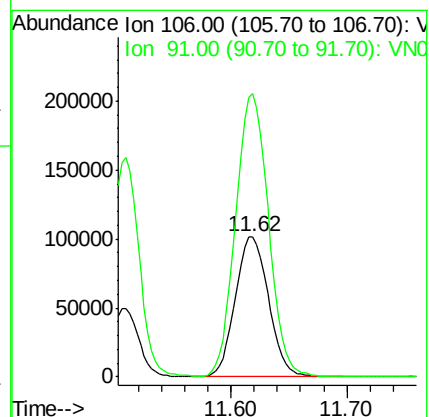
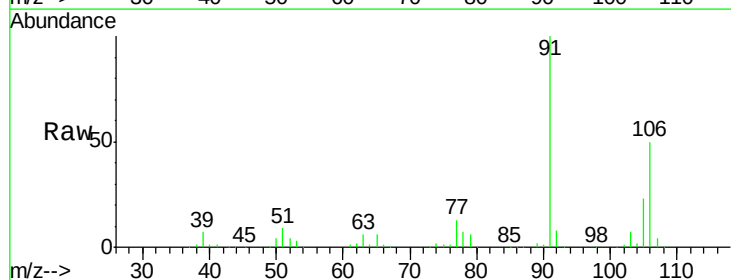
Acq: 8 Jul 2019 14:21

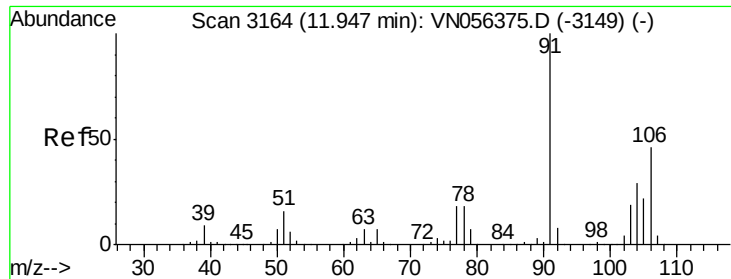
Tgt Ion: 106 Resp: 202023

Ion Ratio Lower Upper

106 100

91 199.2 160.1 240.1





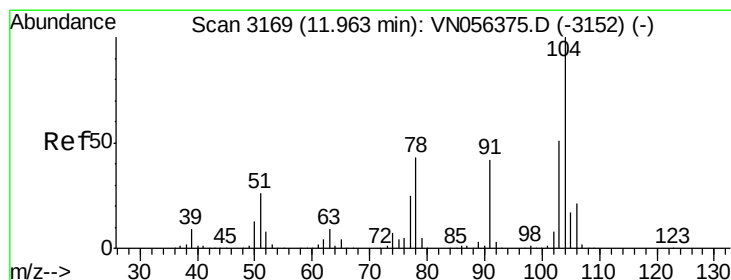
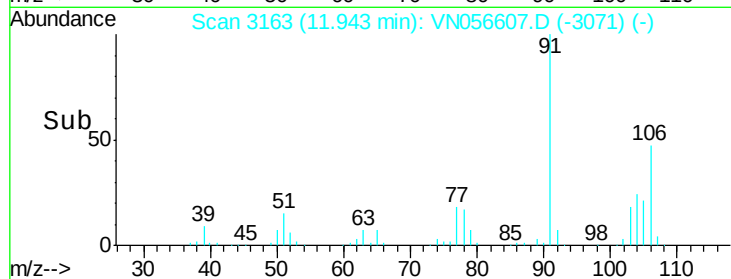
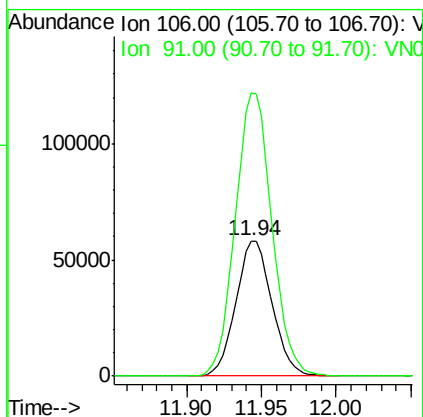
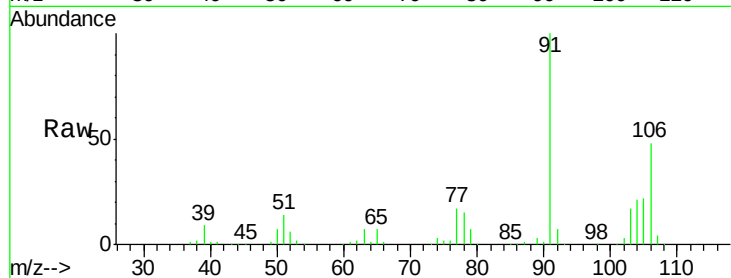
#69
o-Xylene
Concen: 18.185 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion:106 Resp: 97952
Ion Ratio Lower Upper
106 100
91 212.7 107.1 321.3

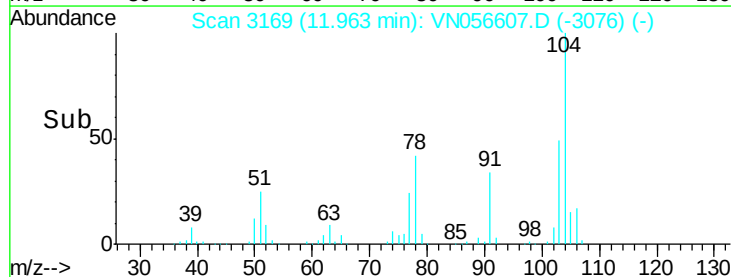
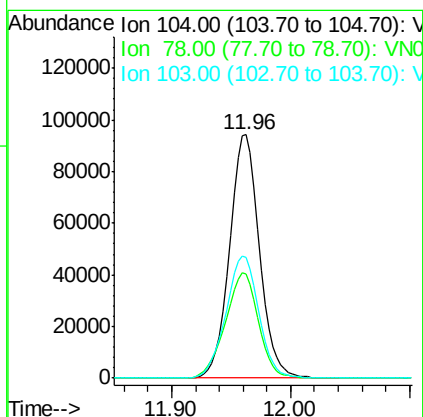
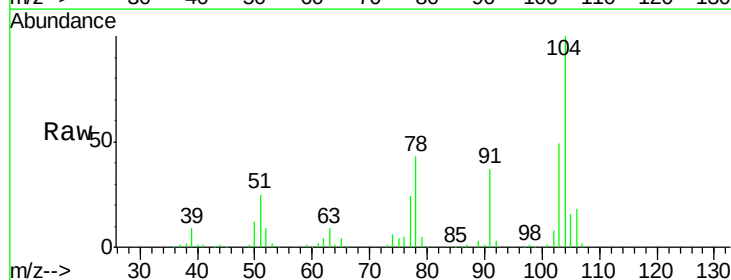
Manual Integrations
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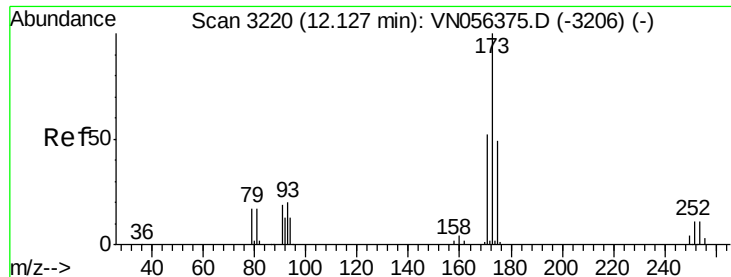
MMDadoda
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#70
Styrene
Concen: 18.991 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion:104 Resp: 163505
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 55.4 43.9 65.9





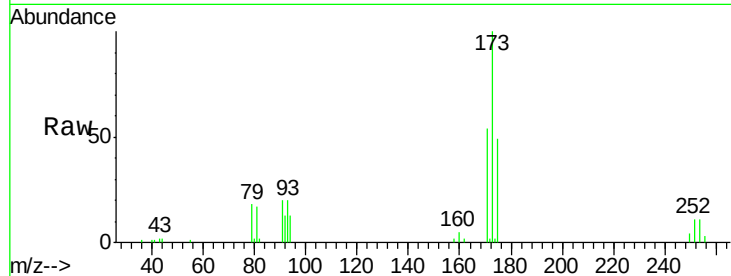
#71
Bromoform
Concen: 19.593 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations
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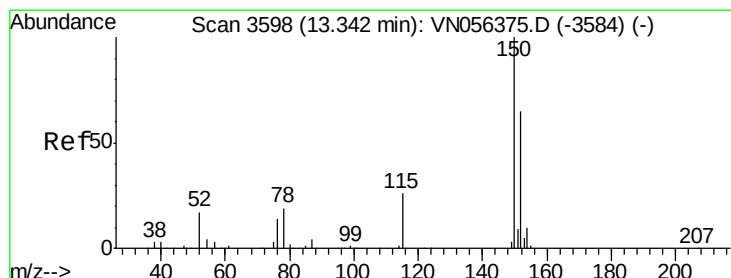
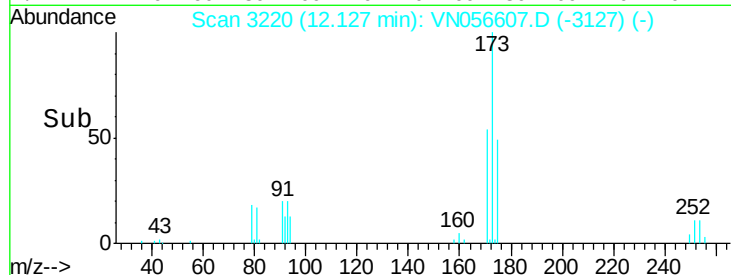
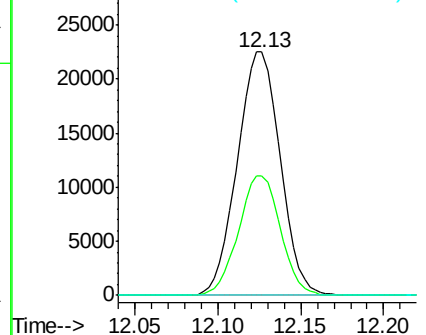


Abundance

Ion 172.70 (172.40 to 173.40): V

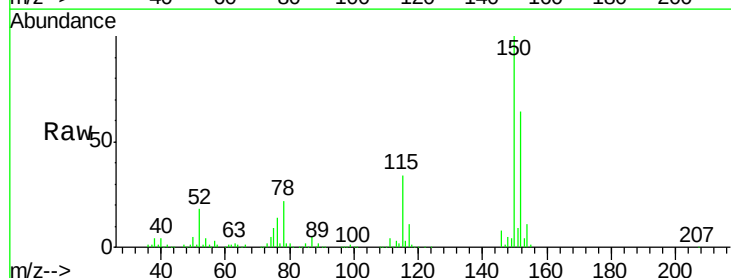
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.1	84.4
150	163.3	0.0	348.4

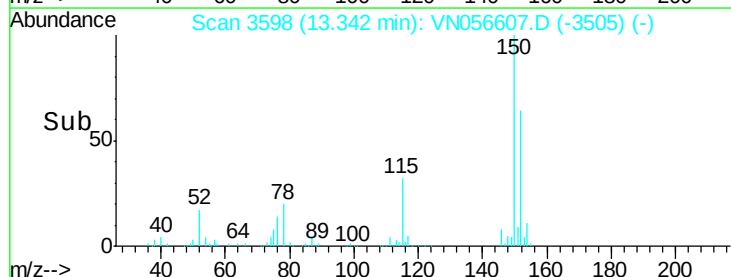
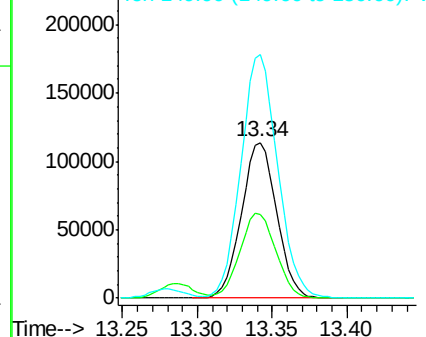


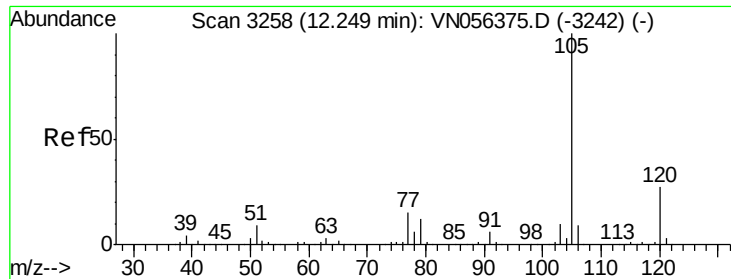
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.862 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

Tot Ion: 105 Resp: 261505

Ion Ratio Lower Upper

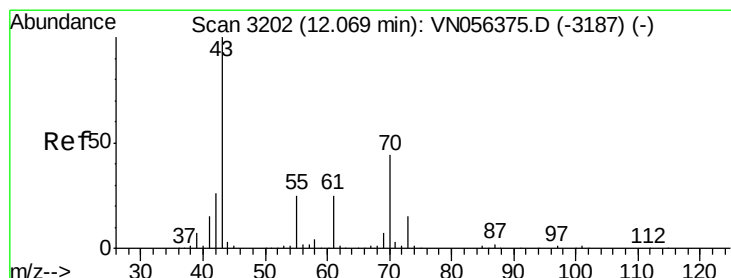
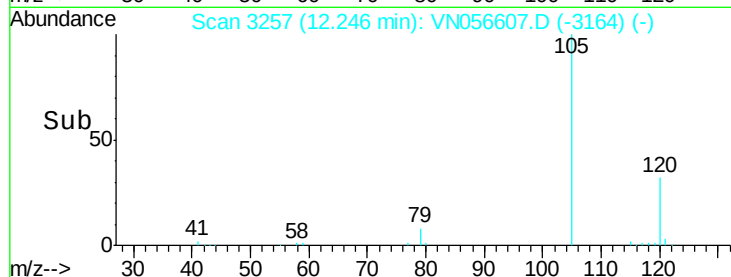
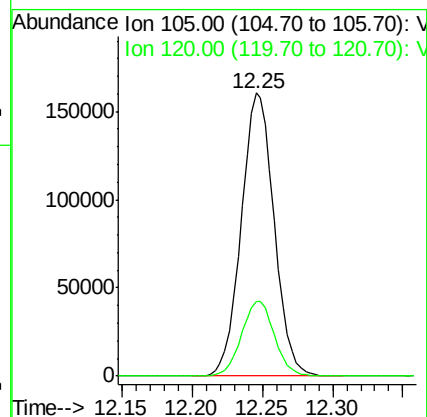
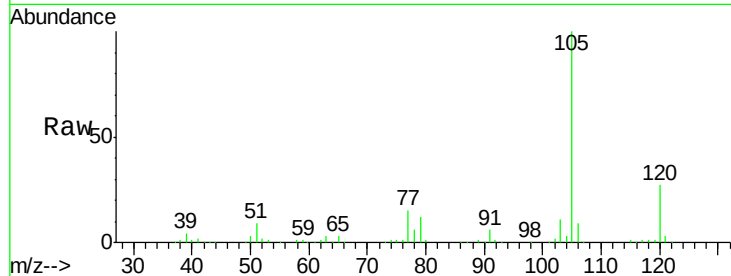
105 100

120 26.5 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 16.637 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Tgt Ion: 43 Resp: 98882

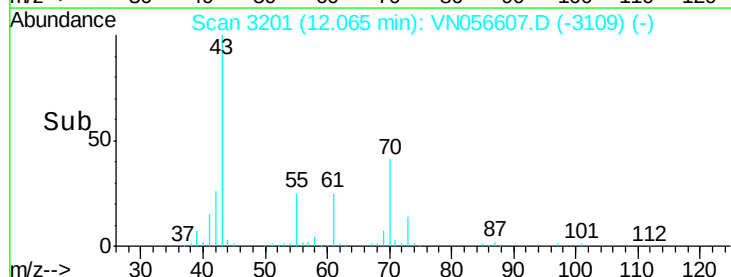
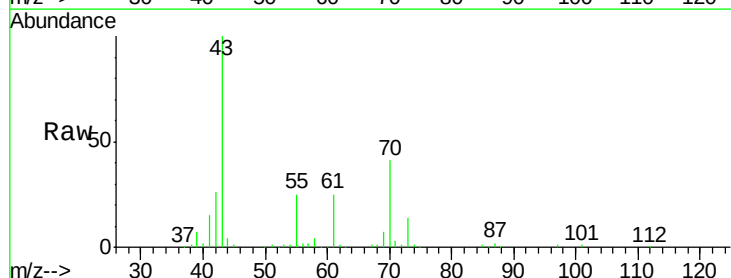
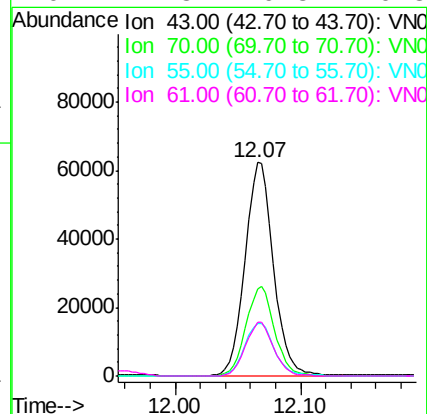
Ion Ratio Lower Upper

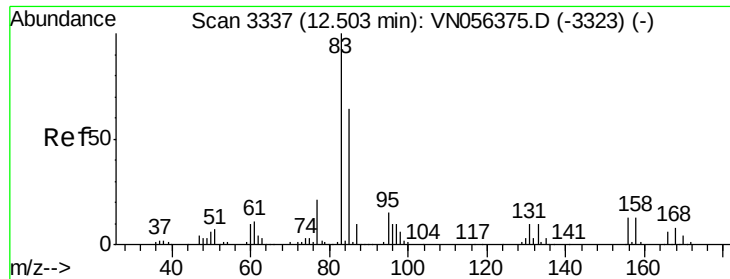
43 100

70 42.1 34.9 52.3

55 25.9 20.4 30.6

61 24.8 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.208 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

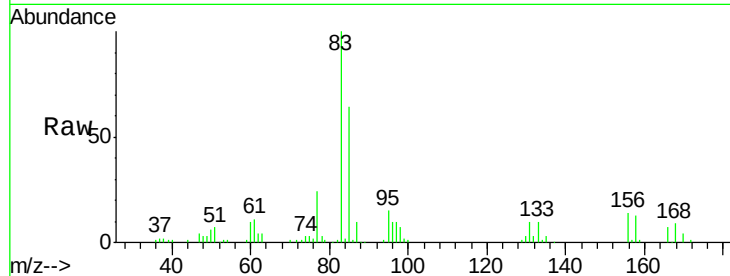
ClientSampleId :

VN0708WBS01

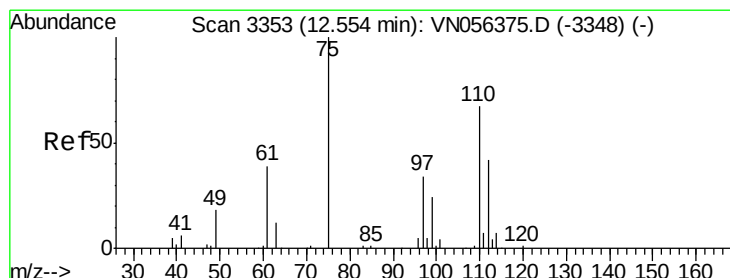
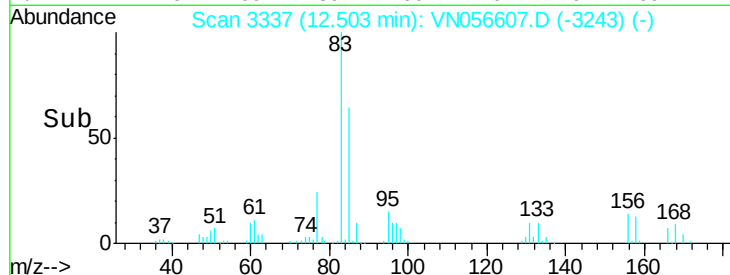
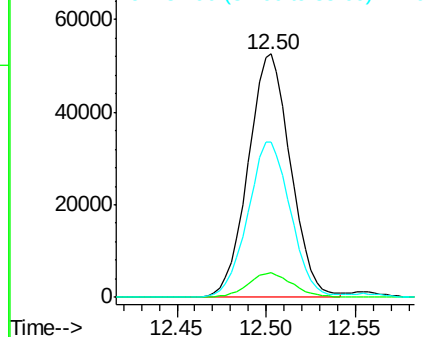
Tot Ion:	83	Resp:	87558
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.8
85	64.3	32.4	97.0

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Abundance Ion 82.90 (82.60 to 83.60): VN056607.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 19.169 ug/l m

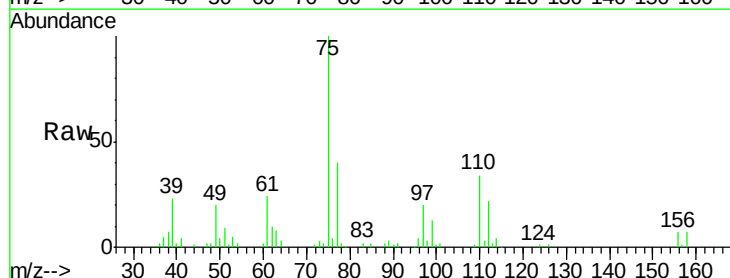
RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

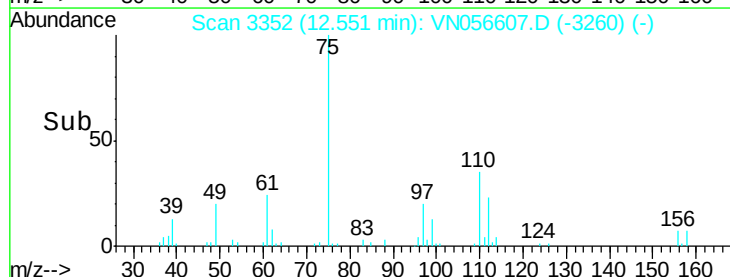
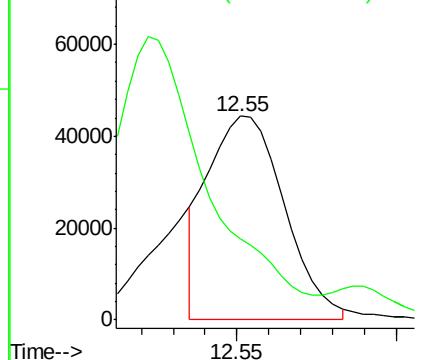
Lab File: VN056607.D

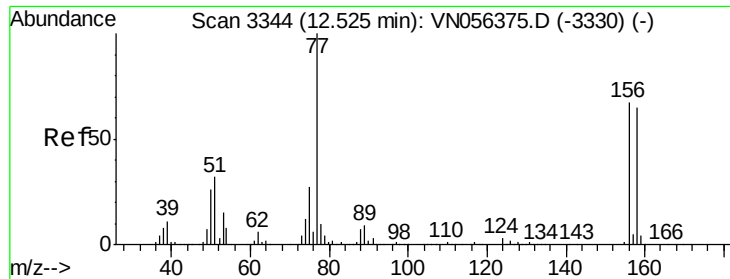
Acq: 8 Jul 2019 14:21

Tgt Ion:	75	Resp:	74229
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056607.D (-3260) (-)





#77

Bromobenzene

Concen: 16.454 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

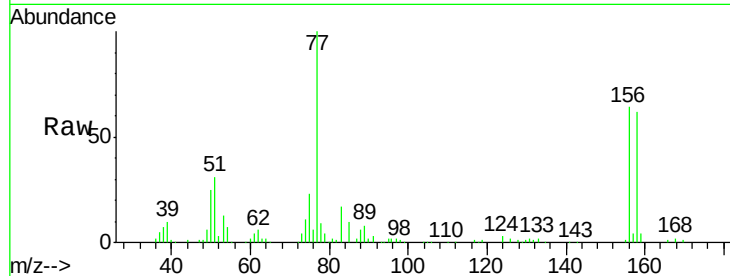
ClientSampleId :

VN0708WBS01

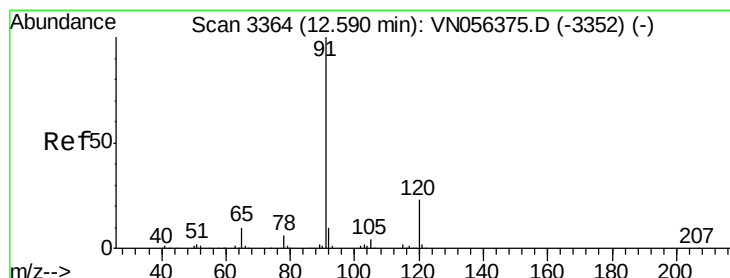
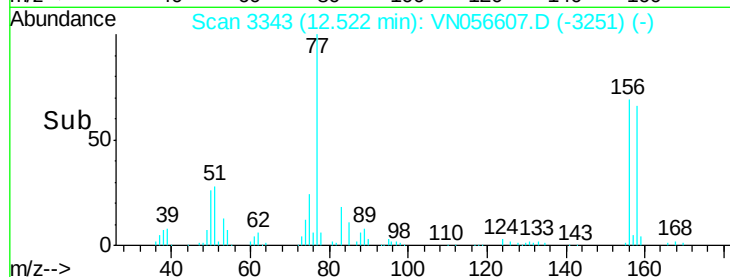
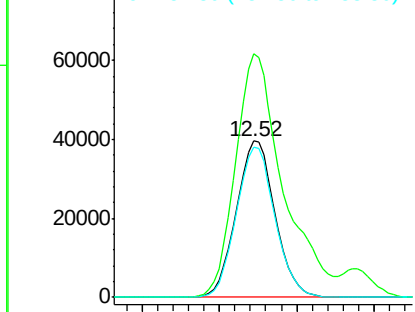
Tot Ion:	156	Resp:	68709
Ion	Ratio	Lower	Upper
156	100		
77	191.7	92.5	277.3
158	96.0	48.7	146.1

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.900 ug/l

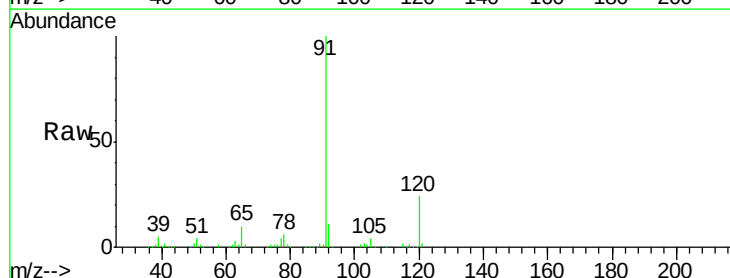
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

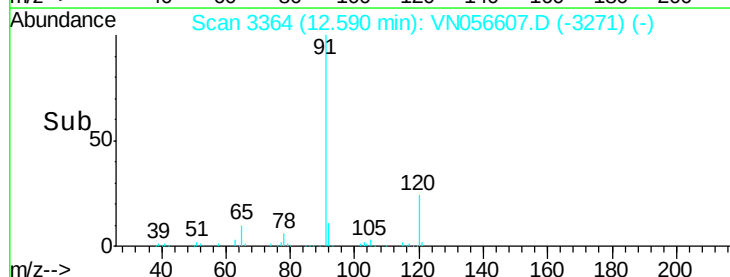
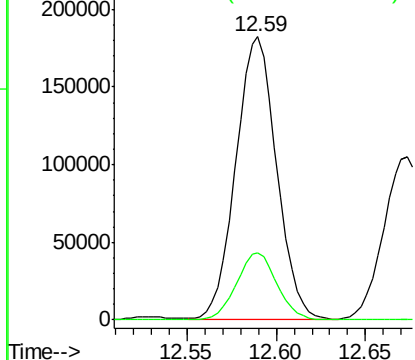
Lab File: VN056607.D

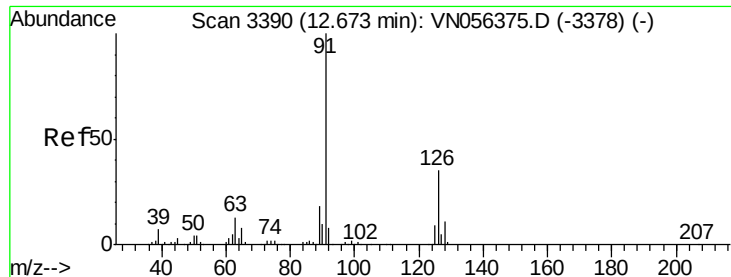
Acq: 8 Jul 2019 14:21

Tgt Ion:	91	Resp:	289020
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.203 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

Tot Ion: 91 Resp: 176886

Ion Ratio Lower Upper

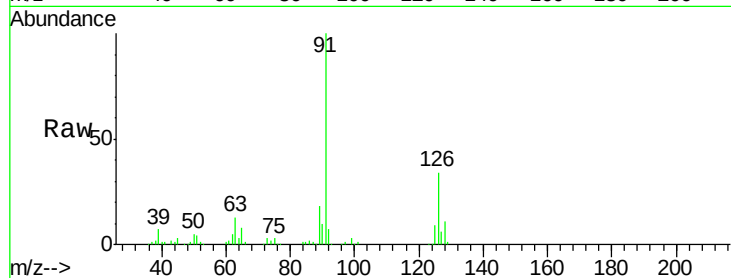
91 100

126 34.8 17.6 52.8

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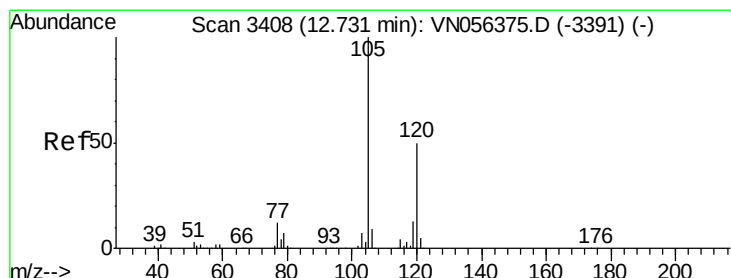
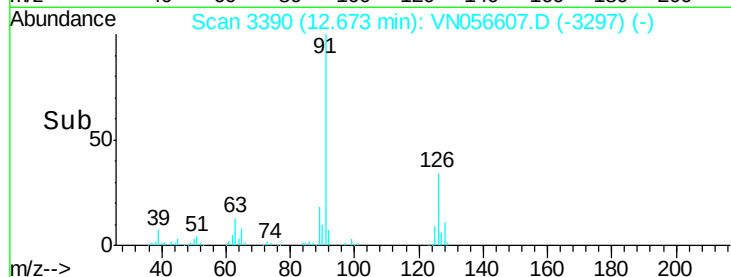
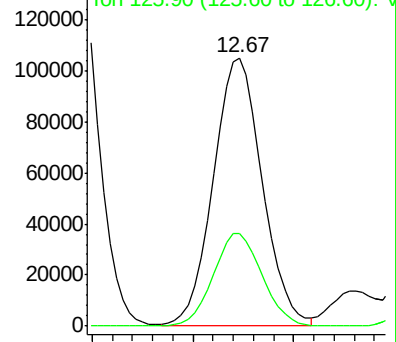
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.398 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056607.D

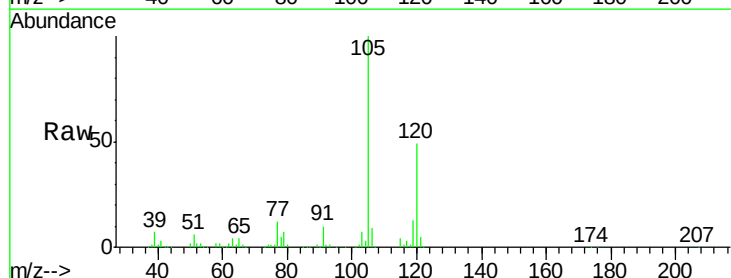
Acq: 8 Jul 2019 14:21

Tgt Ion: 105 Resp: 221801

Ion Ratio Lower Upper

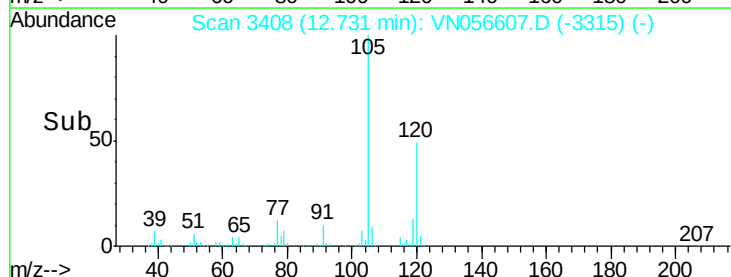
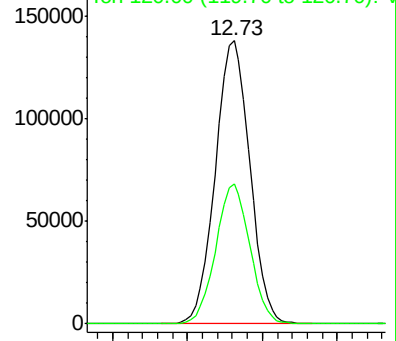
105 100

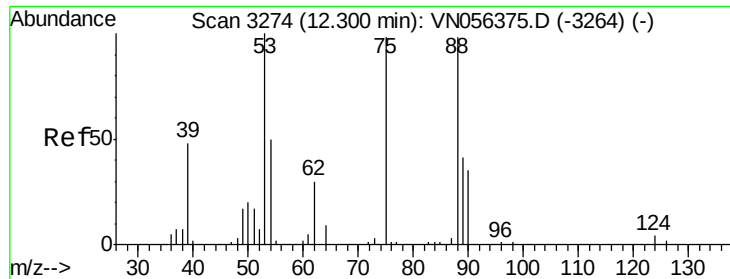
120 48.9 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





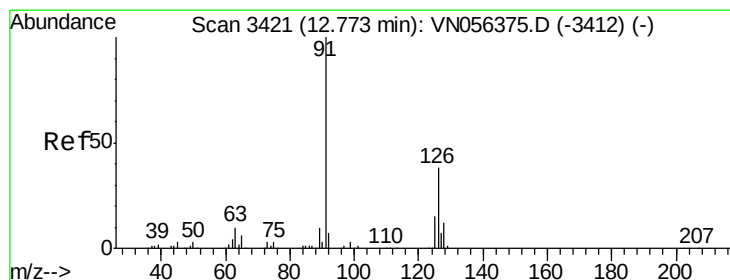
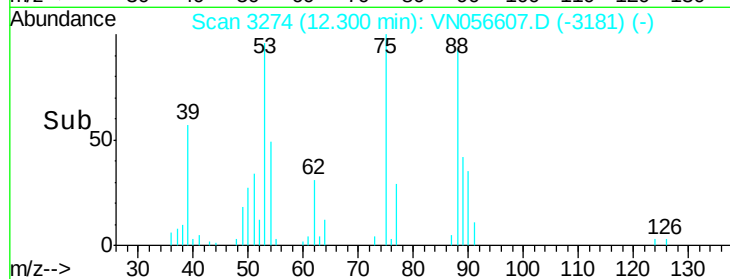
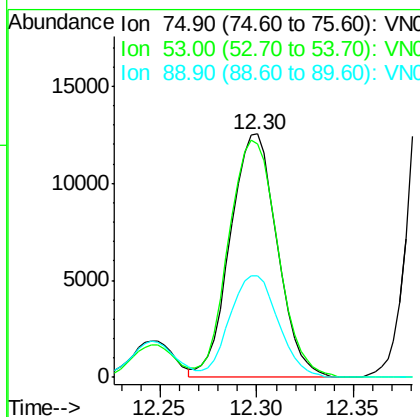
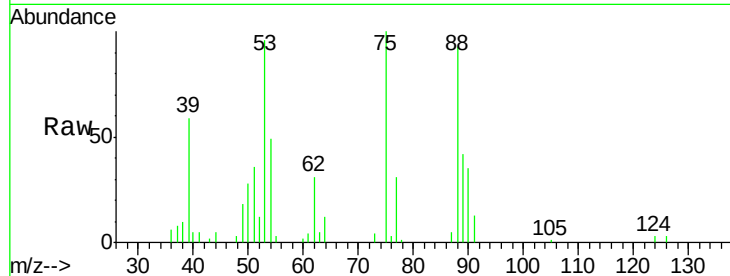
#81
trans-1,4-Dichloro-2-butene
Concen: 19.468 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.9	125.9
89	43.2	35.0	52.6

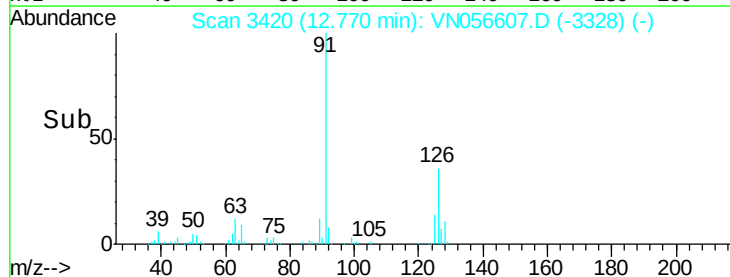
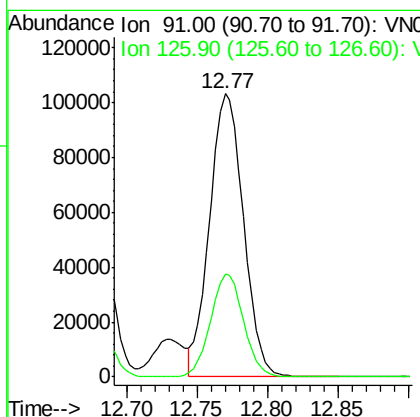
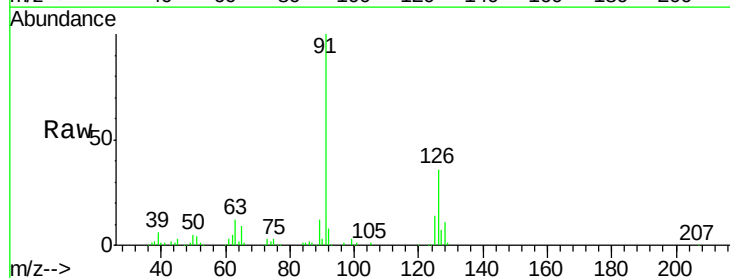
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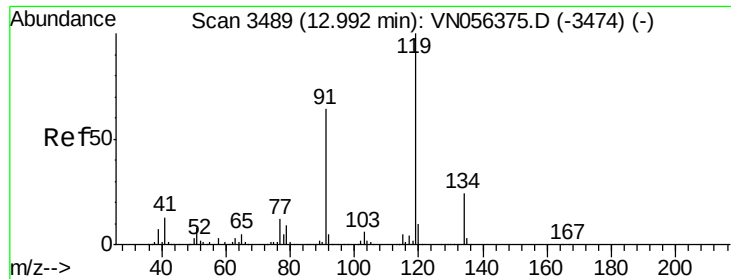
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#82
4-Chlorotoluene
Concen: 17.031 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.3	52.0





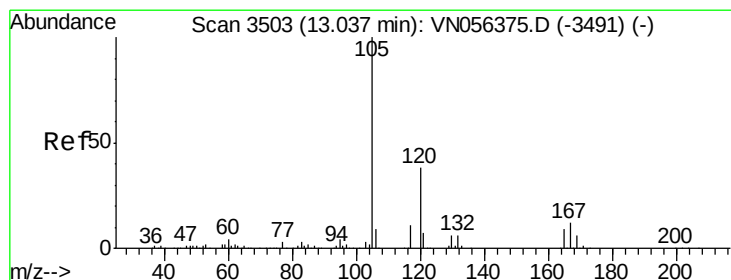
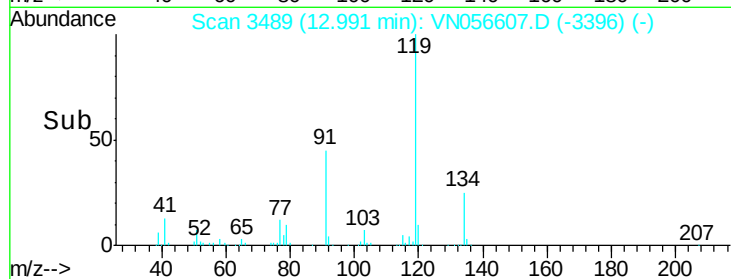
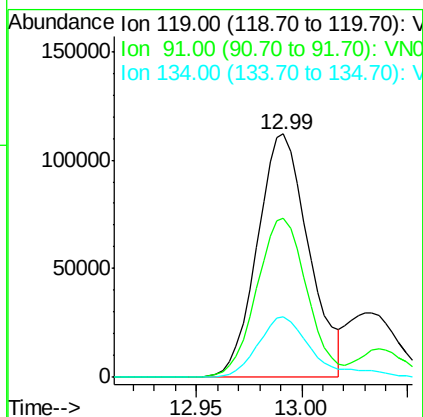
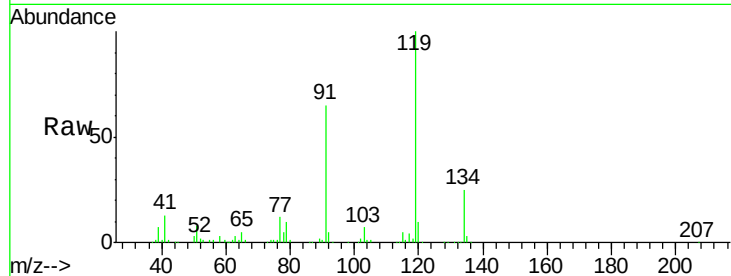
#83
 tert-Butylbenzene
 Concen: 16.727 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190119		
91	64.2		31.6	94.7
134	26.5		13.2	39.5

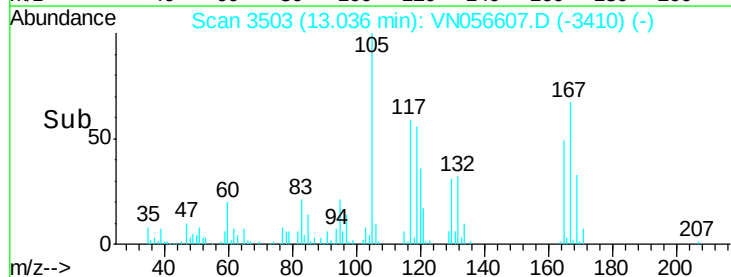
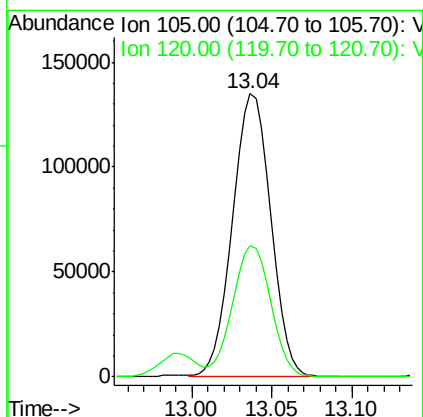
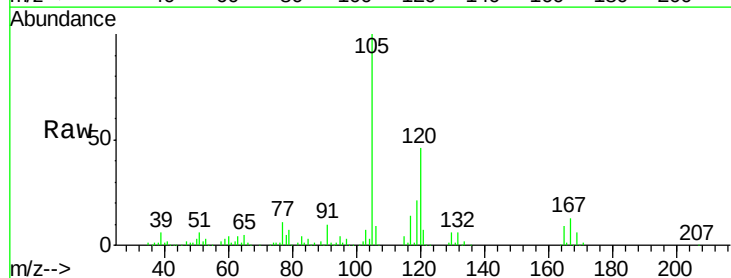
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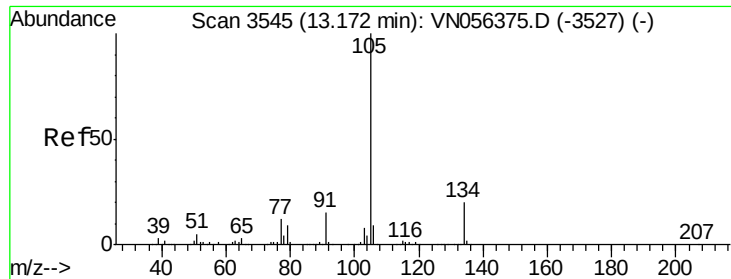
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.425 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219071		
120	46.7		22.9	68.8





#85

sec-Butylbenzene

Concen: 16.751 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampled :

VN0708WBS01

Tot Ion:105 Resp: 251802

Ion Ratio Lower Upper

105 100

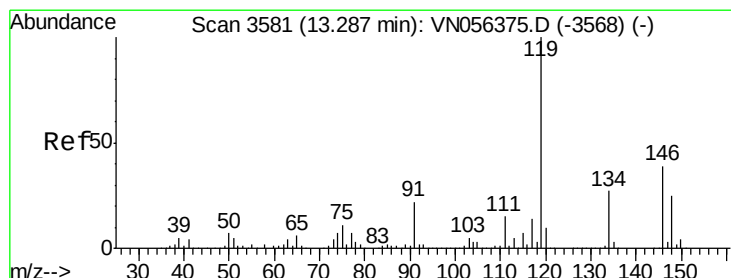
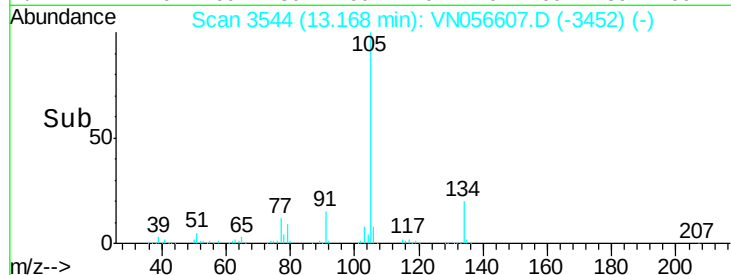
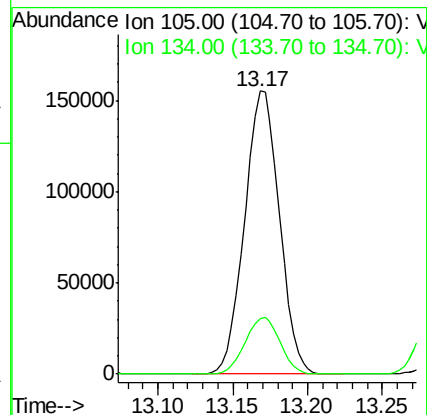
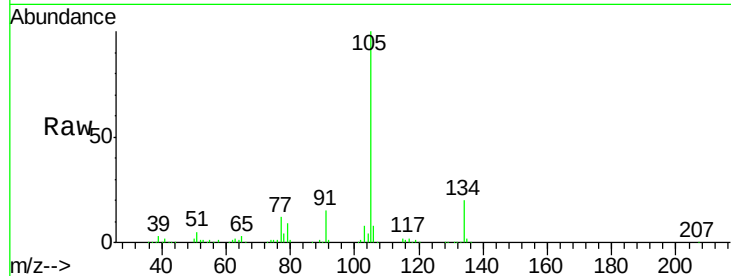
134 20.1 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 17.579 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

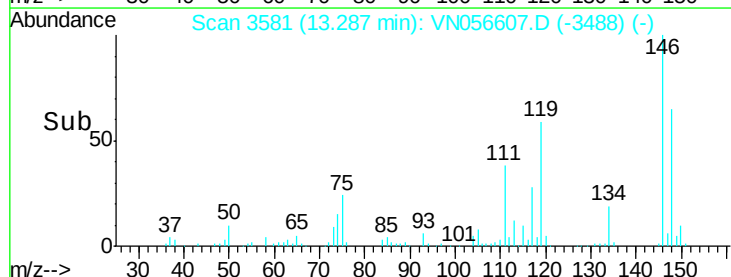
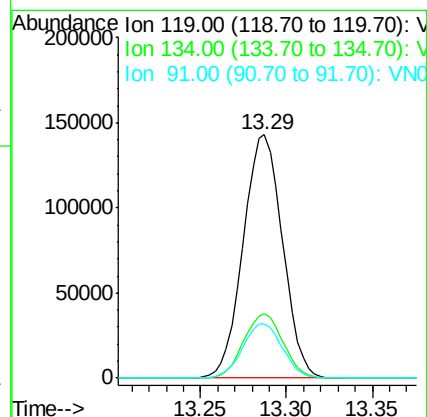
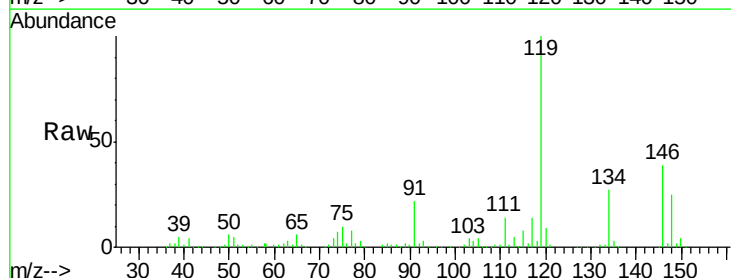
Tgt Ion:119 Resp: 226771

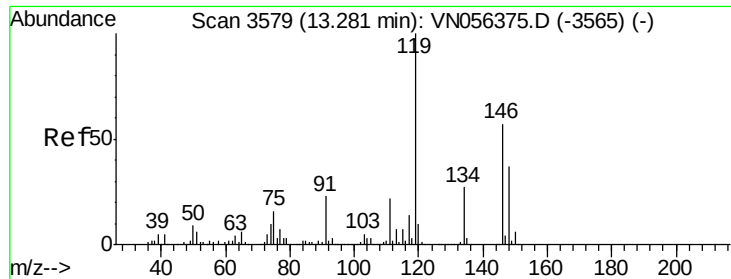
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 17.891 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

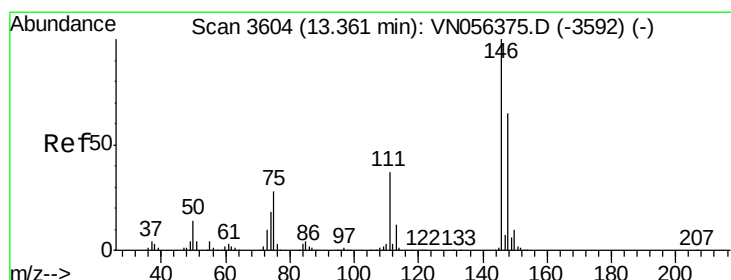
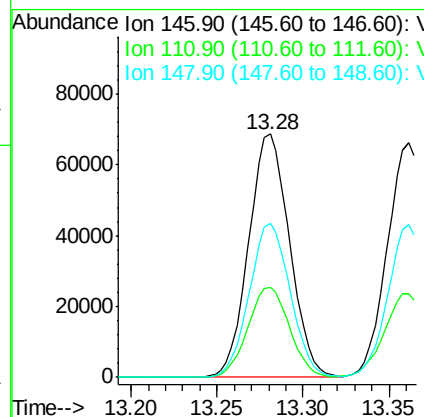
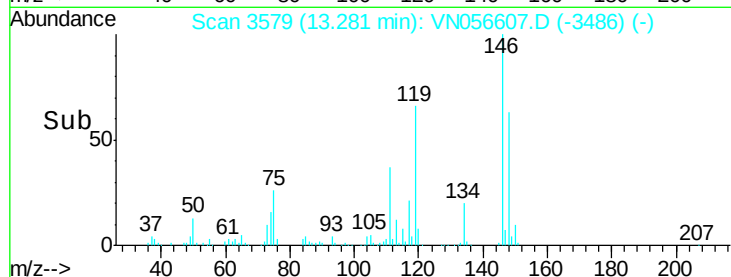
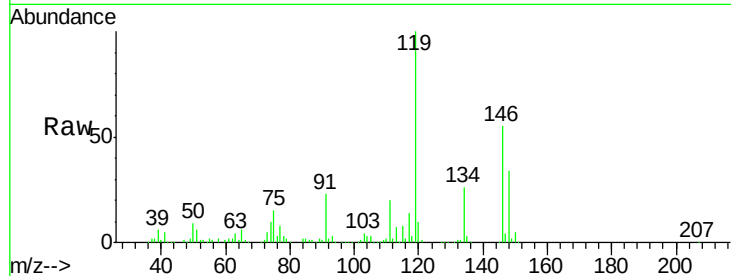
ClientSampleId :

VN0708WBS01

Tot Ion:	146	Resp:	113216
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.9	56.9
148	63.5	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 17.759 ug/l

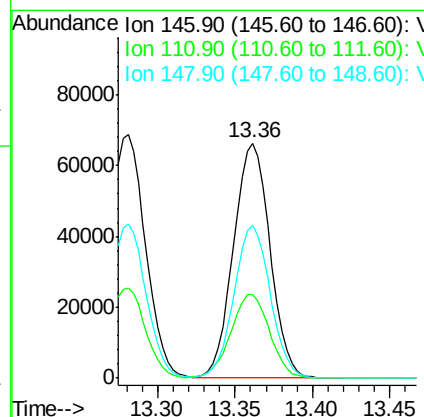
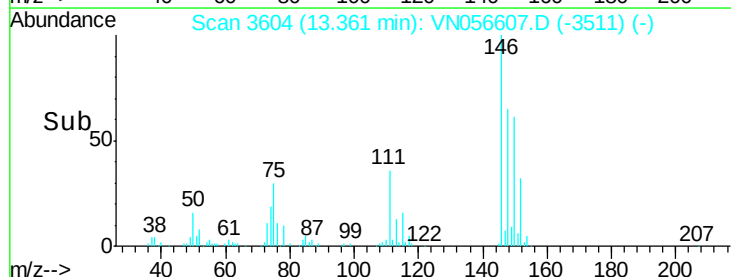
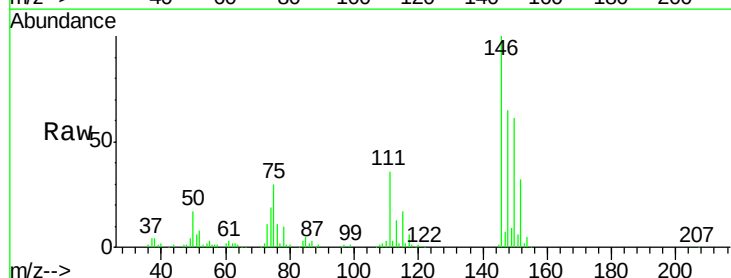
RT: 13.36 min Scan# 3604

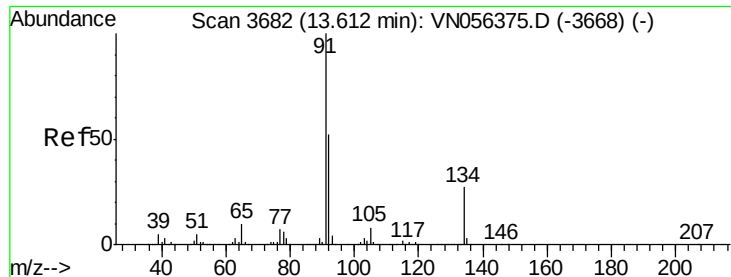
Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Tgt Ion:	146	Resp:	108838
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.4	55.4
148	64.6	32.4	97.0





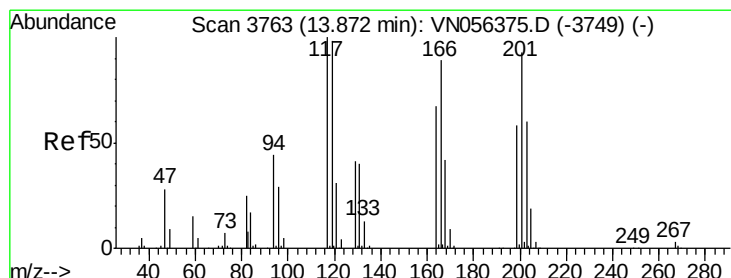
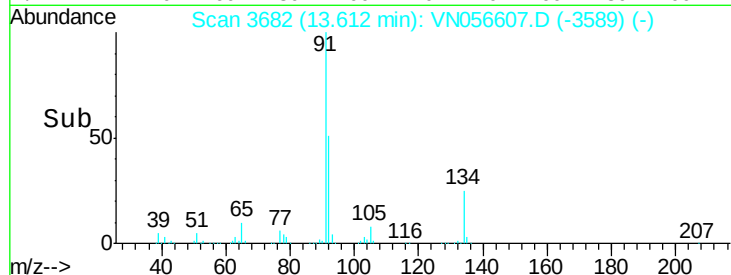
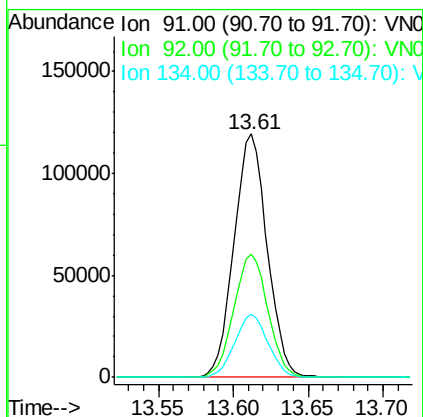
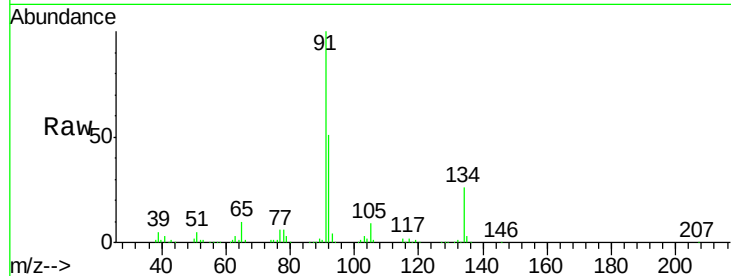
#89
n-Butylbenzene
Concen: 18.890 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	26.0	13.4	40.2

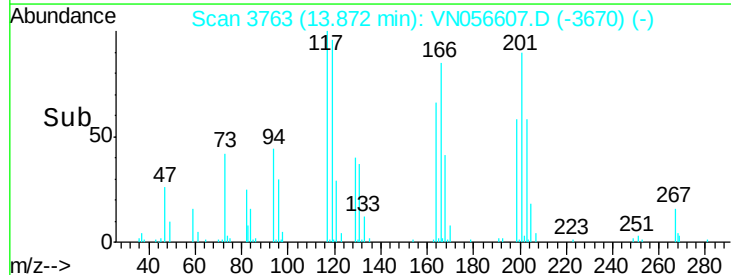
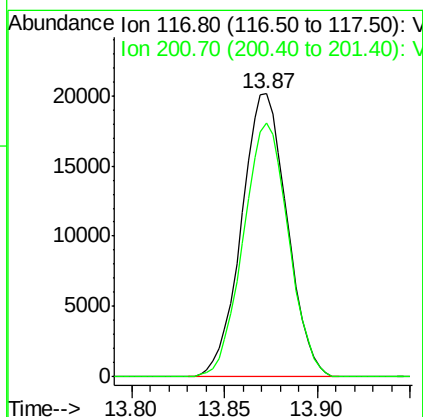
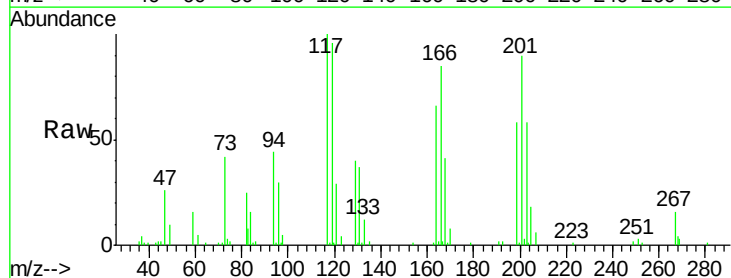
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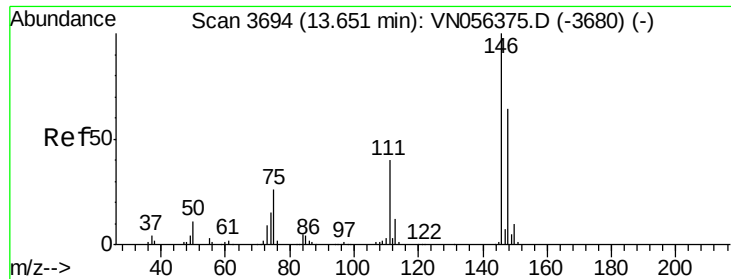
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#90
Hexachloroethane
Concen: 17.100 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.7	45.9	137.6





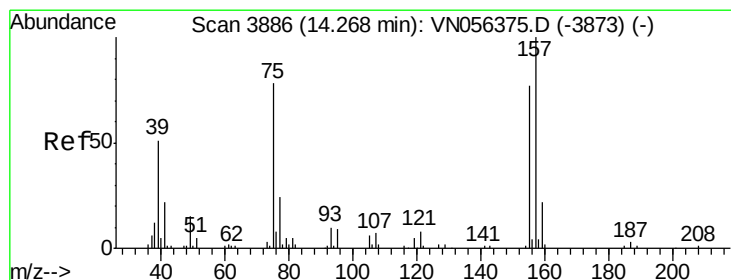
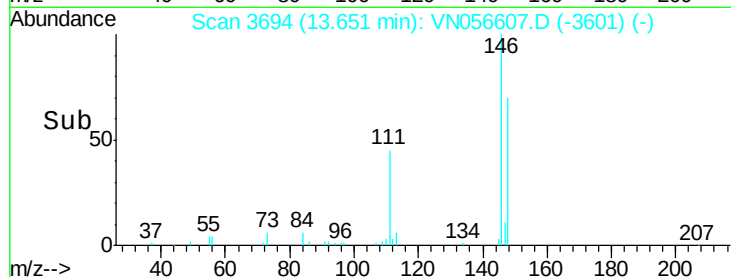
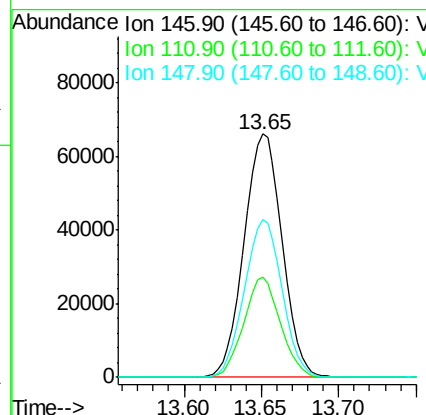
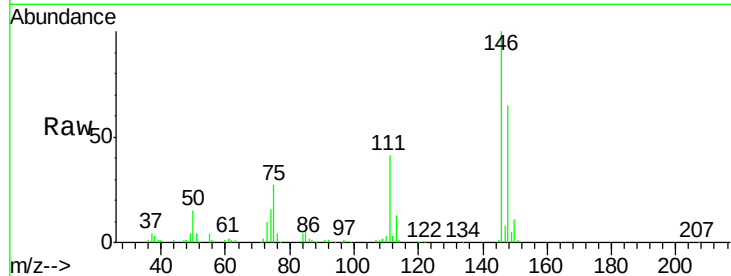
#91
 1,2-Dichlorobenzene
 Concen: 18.066 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.3	57.9
148	63.9	32.0	96.0

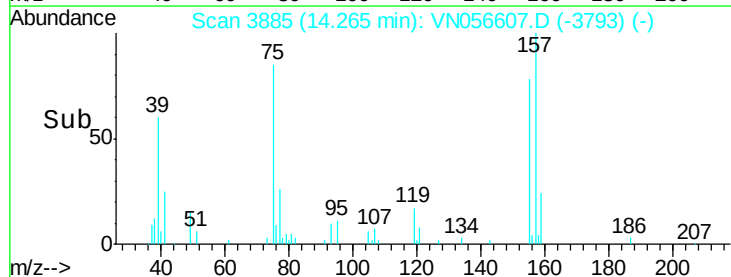
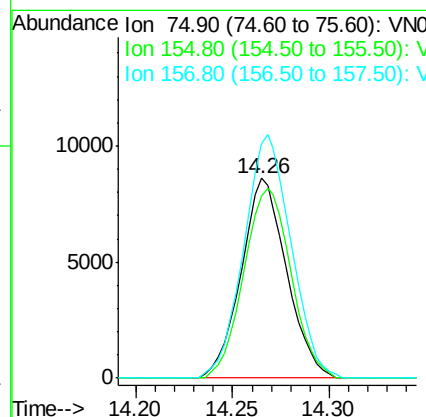
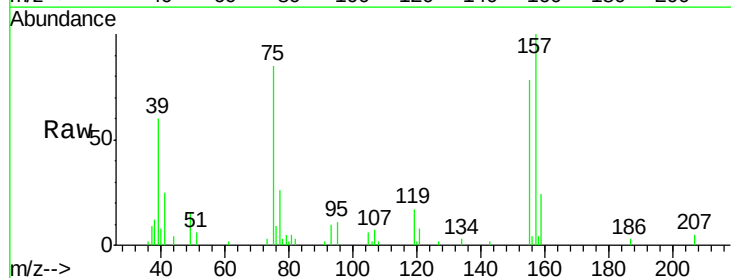
Manual Integrations
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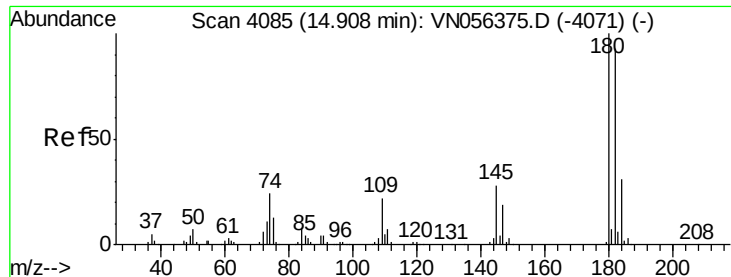
MMDadoda
 7/9/2019 9:46:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.289 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	48.9	146.8
157	126.6	62.9	188.8





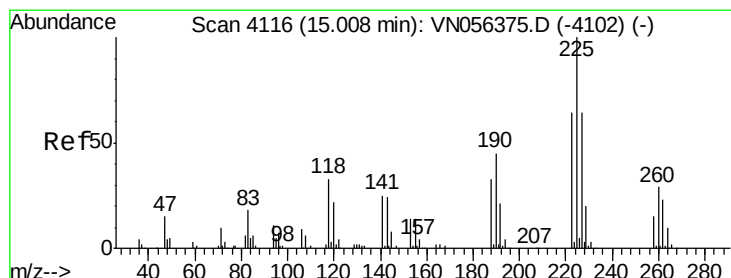
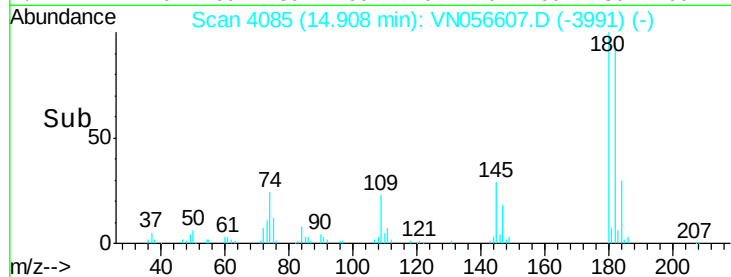
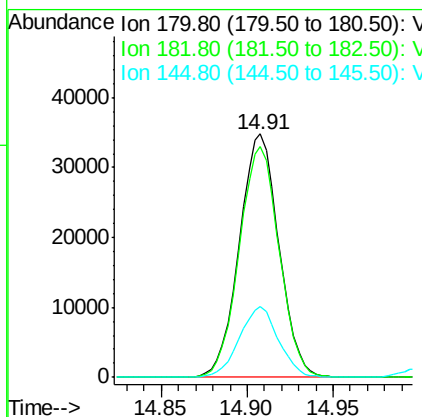
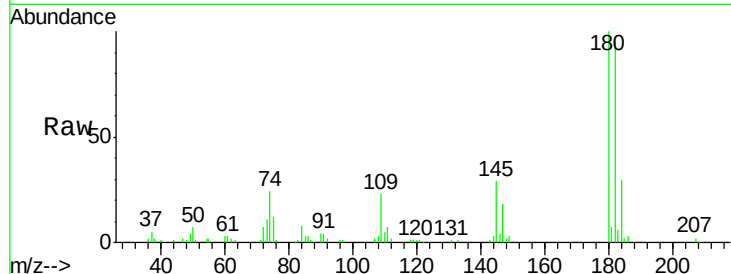
#93
 1,2,4-Trichlorobenzene
 Concen: 20.712 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.9	140.6
145	28.9	14.4	43.0

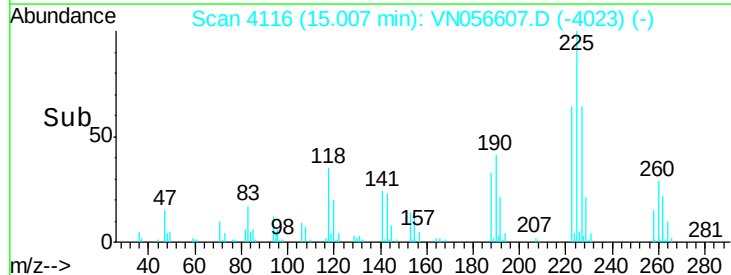
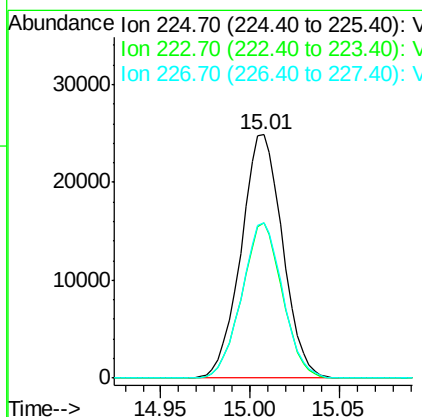
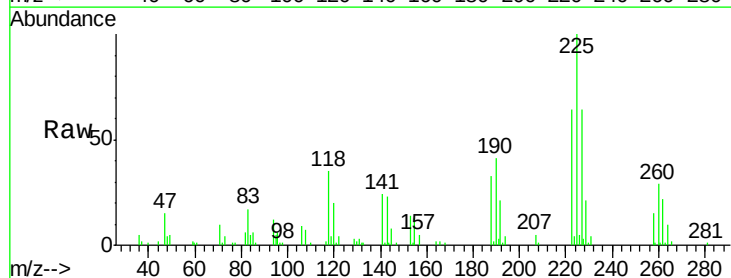
Manual Integrations
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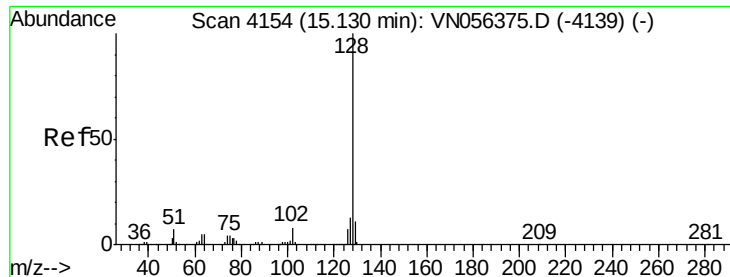
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#94
 Hexachlorobutadiene
 Concen: 17.846 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.4	94.3
227	63.0	32.1	96.3





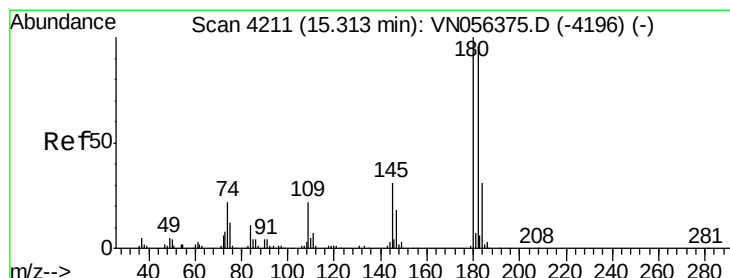
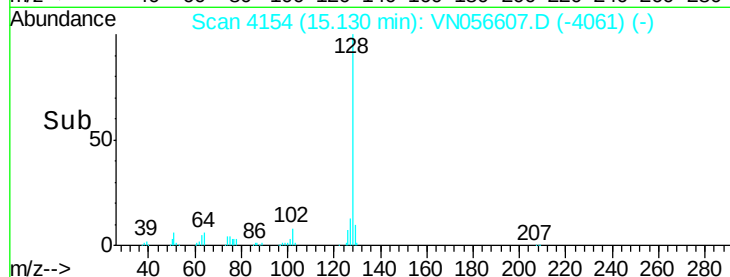
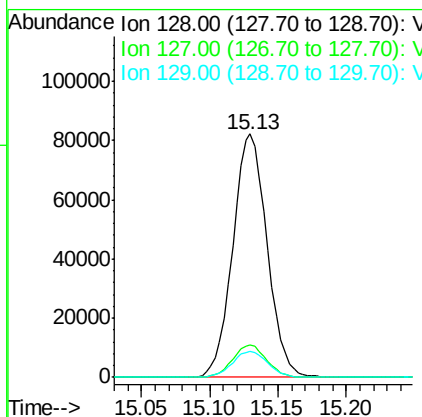
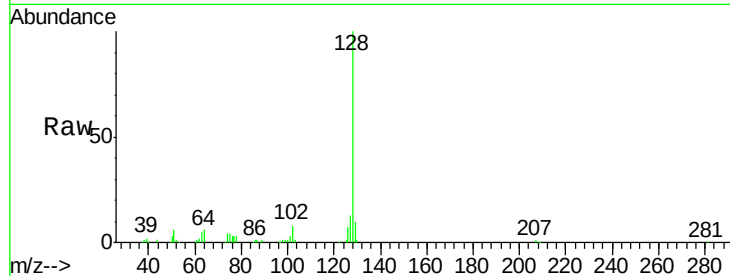
#95
Naphthalene
Concen: 20.223 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	142994		
127	13.2		10.2	15.2
129	10.9		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.383 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59176		
182	95.8		48.3	144.8
145	31.0		15.4	46.1

