

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056394.D
 Acq On : 20 Jun 2019 11:55
 Operator : JC/SP
 Sample : VN0620WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 10:50:31 PM

Quant Time: Jun 21 04:49:45 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	7.67	168	367482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	571252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	498886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	212134	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.59	113	183879	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.09	98	697269	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	220941	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	65901	21.179	ug/l	98
3) Chloromethane	2.06	50	84210	19.876	ug/l	99
4) Vinyl Chloride	2.18	62	83719	20.458	ug/l	97
5) Bromomethane	2.52	94	51177m	21.333	ug/l	
6) Chloroethane	2.68	64	47605	20.088	ug/l	96
7) Trichlorofluoromethane	3.00	101	108012	20.405	ug/l	99
8) Diethyl Ether	3.41	74	46422	20.722	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67536	20.007	ug/l	99
10) Methyl Iodide	3.95	142	85409	18.720	ug/l	99
11) Tert butyl alcohol	4.80	59	73517	107.172	ug/l	96
12) 1,1-Dichloroethene	3.73	96	66749	20.562	ug/l	95
13) Acrolein	3.61	56	52196	90.282	ug/l	99
14) Allyl chloride	4.32	41	109466	20.257	ug/l	98
15) Acrylonitrile	4.99	53	190591	100.431	ug/l	99
16) Acetone	3.82	43	172580	84.575	ug/l	98
17) Carbon Disulfide	4.05	76	139744	18.926	ug/l	98
18) Methyl Acetate	4.33	43	84652	20.672	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	220727	20.548	ug/l	99
20) Methylene Chloride	4.55	84	78544	19.882	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	69447	19.842	ug/l	93
22) Diisopropyl ether	5.95	45	233258	20.553	ug/l	100
23) Vinyl Acetate	5.90	43	947690	105.873	ug/l	100
24) 1,1-Dichloroethane	5.85	63	133574	20.504	ug/l	100
25) 2-Butanone	6.84	43	260611	96.498	ug/l	99
26) 2,2-Dichloropropane	6.82	77	87398	19.289	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	84333	20.595	ug/l	99
28) Bromochloromethane	7.19	49	67594	20.977	ug/l	99
29) Tetrahydrofuran	7.21	42	172295	104.396	ug/l	99
30) Chloroform	7.37	83	130794	20.346	ug/l	97
31) Cyclohexane	7.65	56	125489	19.953	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	104187	20.447	ug/l	98
36) 1,1-Dichloropropene	7.79	75	97791	19.449	ug/l	99
37) Ethyl Acetate	6.93	43	99824	20.202	ug/l	97
38) Carbon Tetrachloride	7.77	117	86183	19.601	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	121316	19.554	ug/l	98
40) Benzene	8.04	78	310454	20.073	ug/l	97
41) Methacrylonitrile	7.18	41	44167	20.242	ug/l	94
42) 1,2-Dichloroethane	8.13	62	102326	20.047	ug/l	99
43) Isopropyl Acetate	8.17	43	152218	19.978	ug/l	97
44) Trichloroethene	8.84	130	82657	19.840	ug/l	97
45) 1,2-Dichloropropane	9.12	63	84000	20.308	ug/l	99
46) Dibromomethane	9.21	93	52668	20.352	ug/l	98
47) Bromodichloromethane	9.40	83	91316	19.896	ug/l	100
48) Methyl methacrylate	9.20	41	76757	20.103	ug/l	99
49) 1,4-Dioxane	9.21	88	28544	360.242	ug/l	90
51) 4-Methyl-2-Pentanone	9.99	43	494371	100.527	ug/l	100
52) Toluene	10.16	92	190074	20.101	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	92194	19.141	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	112687	20.389	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	76190	20.046	ug/l	99
56) Ethyl methacrylate	10.43	69	113569	20.446	ug/l	100
57) 1,3-Dichloropropane	10.71	76	129400	20.266	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	181863	91.137	ug/l	100
59) 2-Hexanone	10.75	43	341753	94.553	ug/l	99
60) Dibromochloromethane	10.90	129	69733	19.381	ug/l	100
61) 1,2-Dibromoethane	11.00	107	78296	20.169	ug/l	100
64) Tetrachloroethene	10.63	164	79052	20.009	ug/l	96
65) Chlorobenzene	11.43	112	200046	19.956	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	70415	20.784	ug/l	99
67) Ethyl Benzene	11.51	91	354702	20.152	ug/l	99
68) m/p-Xylenes	11.62	106	258017	39.999	ug/l	99
69) o-Xylene	11.95	106	131412	20.592	ug/l	96
70) Styrene	11.96	104	204197	20.018	ug/l	99
71) Bromoform	12.13	173	45485	18.738	ug/l #	100
73) Isopropylbenzene	12.25	105	344169	23.898	ug/l	99
74) N-amyl acetate	12.07	43	120317	20.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	103791	22.985	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	89797m	23.912	ug/l	
77) Bromobenzene	12.53	156	84747	20.928	ug/l	98
78) n-propylbenzene	12.59	91	354636	21.383	ug/l	100
79) 2-Chlorotoluene	12.67	91	220371	22.859	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	277298	23.114	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	21353	20.209	ug/l	97
82) 4-Chlorotoluene	12.77	91	197588	20.178	ug/l	98
83) tert-Butylbenzene	12.99	119	247141	23.417	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	261042	21.411	ug/l	100
85) sec-Butylbenzene	13.17	105	310669	21.312	ug/l	100
86) p-Isopropyltoluene	13.29	119	268537	21.465	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	124910	20.354	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	117221	19.723	ug/l	99
89) n-Butylbenzene	13.61	91	186713	19.715	ug/l	98
90) Hexachloroethane	13.87	117	39258	20.128	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	125268	20.574	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14424	21.525	ug/l	96

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QLast Update : Fri Jun 21 03:45:40 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45668	18.400	ug/l	100
94) Hexachlorobutadiene	15.01	225	45126	20.772	ug/l	98
95) Naphthalene	15.13	128	133368	19.651	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	54905	19.695	ug/l	99

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

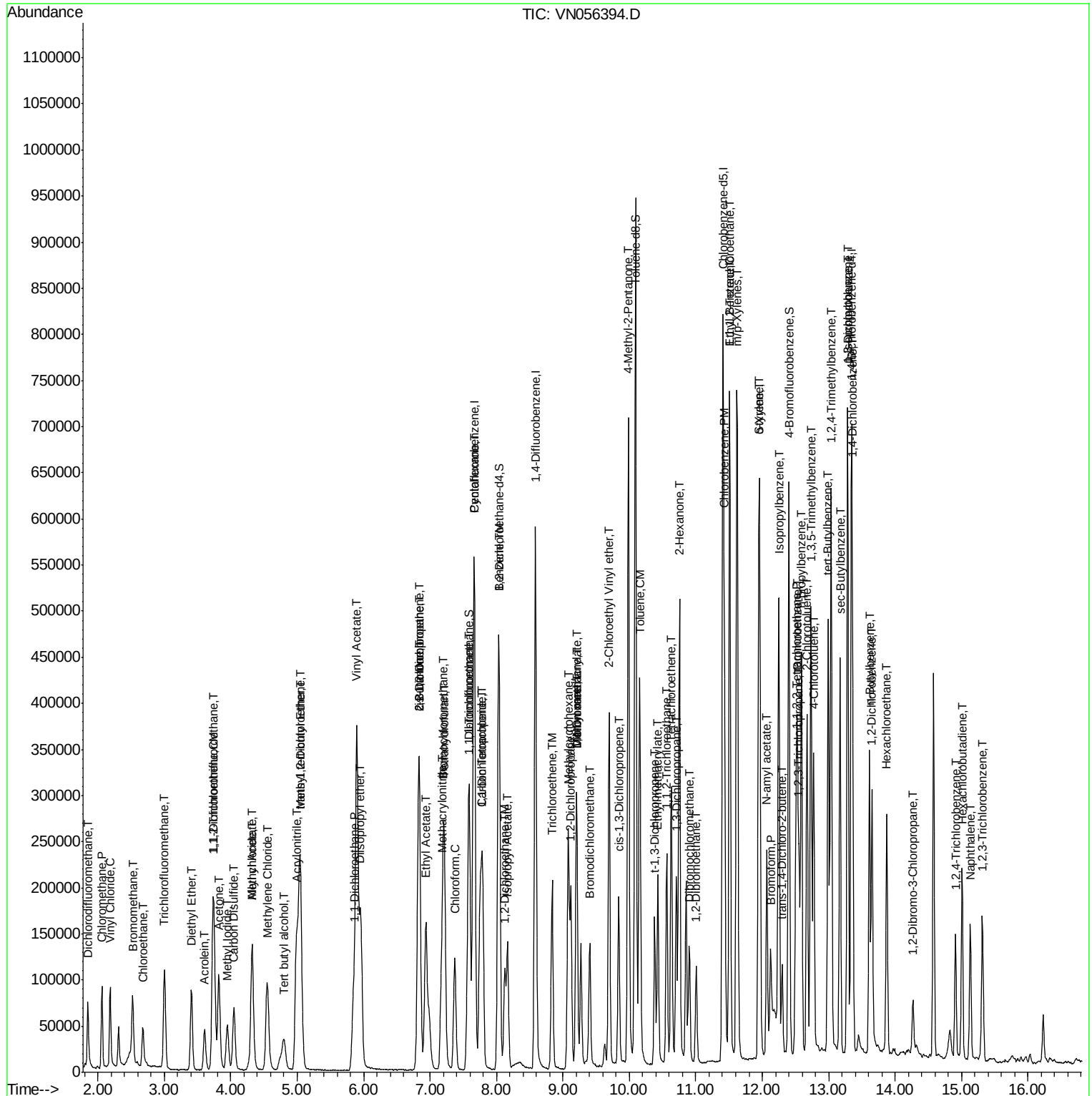
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
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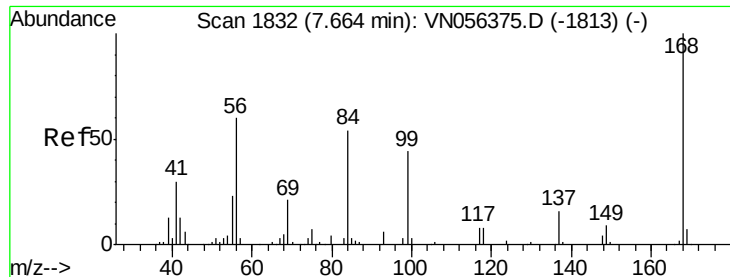
Instrument :
MSVOA_N
Client Sampled :
VN0620WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tot Ion:168 Resp: 367482

Ion Ratio Lower Upper

168 100

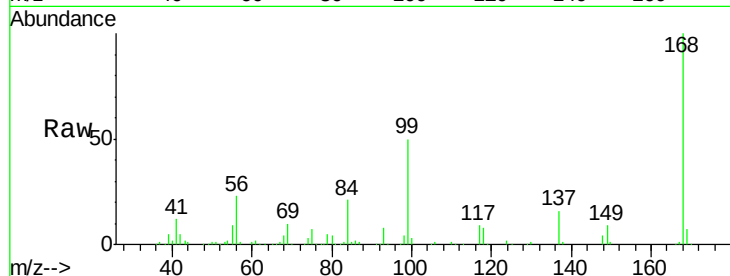
99 49.7 40.6 61.0

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

7.67

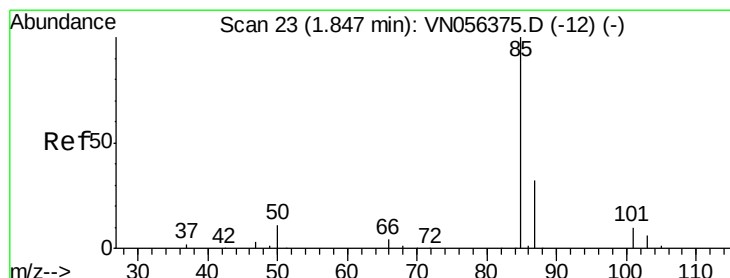
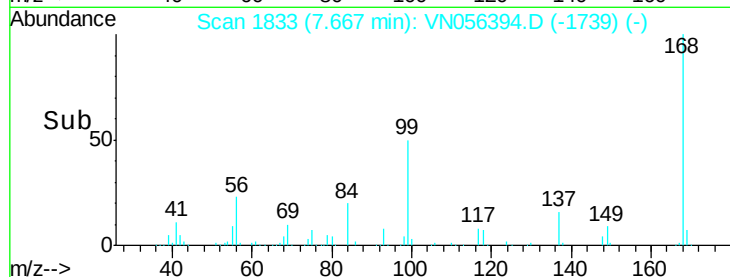
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.179 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056394.D

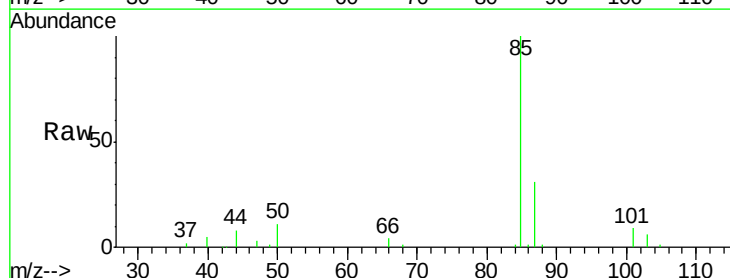
Acq: 20 Jun 2019 11:55

Tgt Ion: 85 Resp: 65901

Ion Ratio Lower Upper

85 100

87 31.3 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

40000

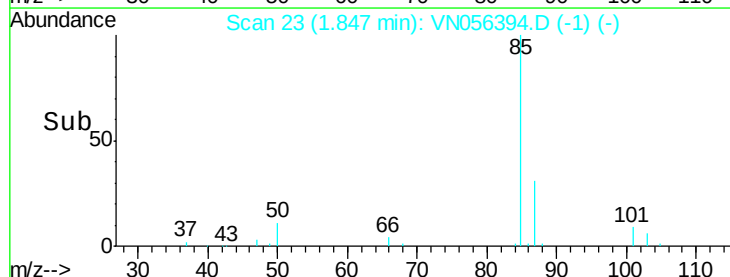
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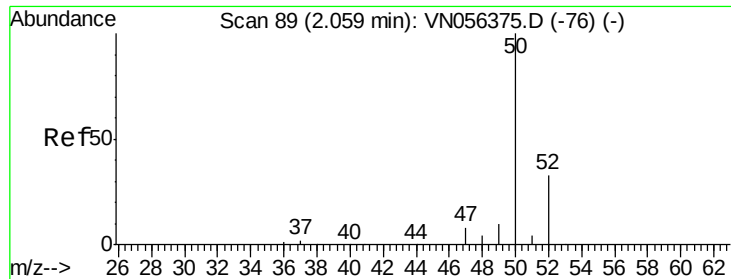
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.876 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampled :

VN0620WBS01

Tot Ion: 50 Resp: 84210

Ion Ratio Lower Upper

50 100

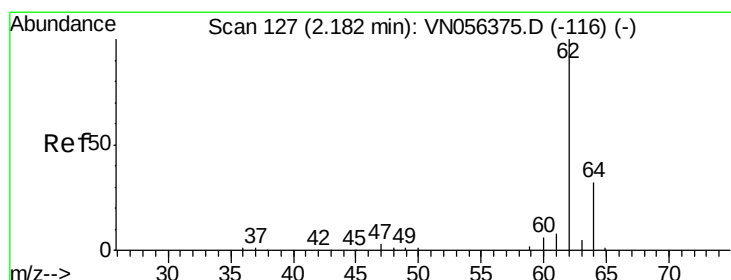
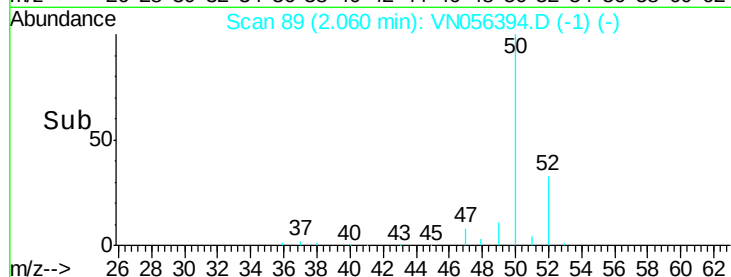
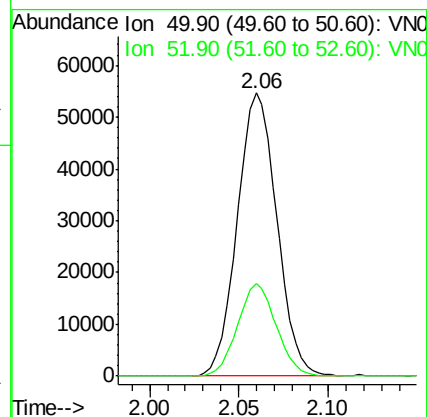
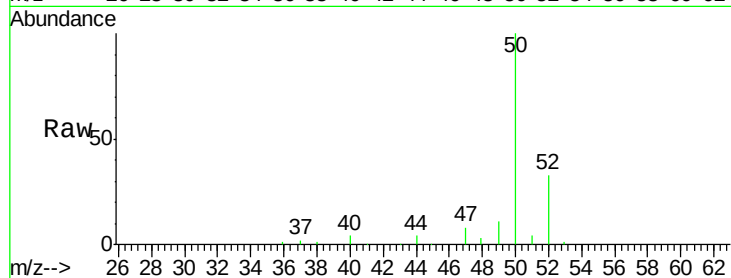
52 32.7 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.458 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056394.D

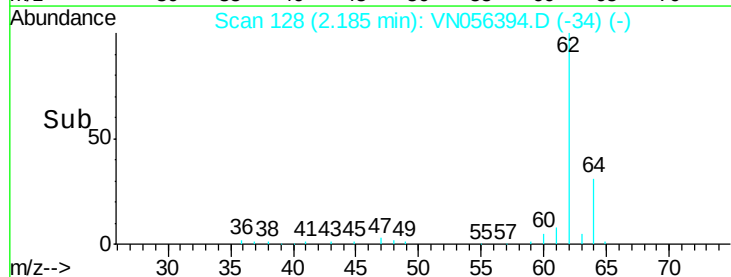
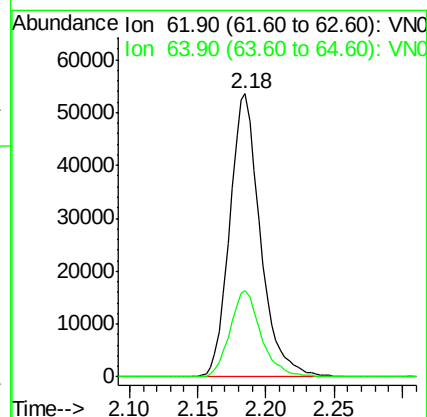
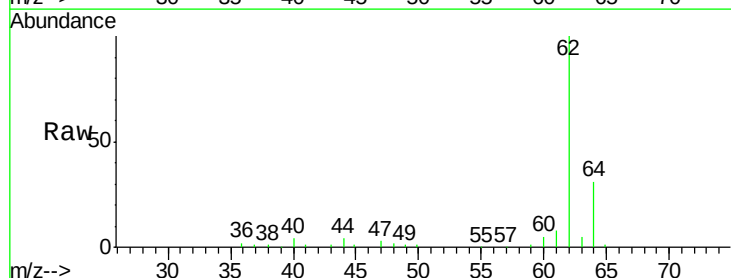
Acq: 20 Jun 2019 11:55

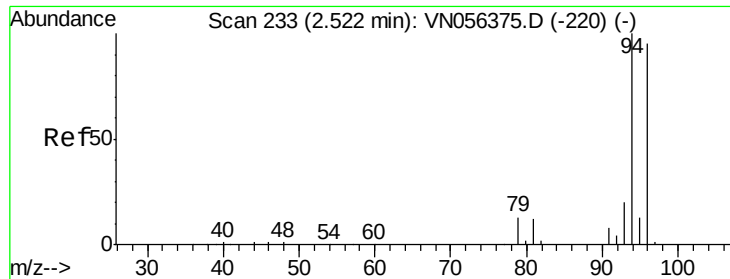
Tgt Ion: 62 Resp: 83719

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 21.333 ug/l m

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tot Ion: 94 Resp: 51177

Ion Ratio Lower Upper

94 100

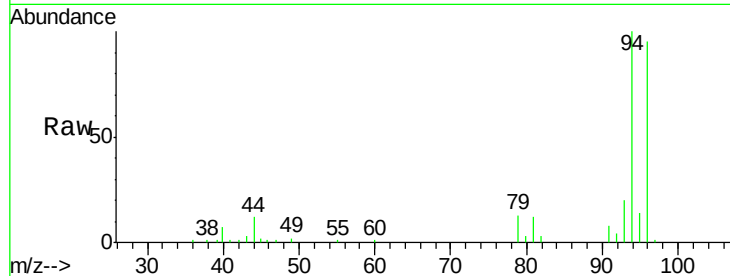
96 94.6 76.0 114.0

Manual Integrations

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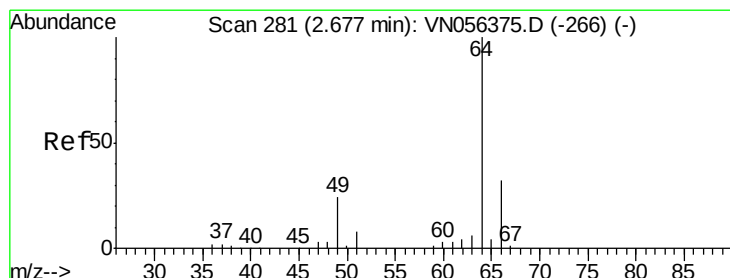
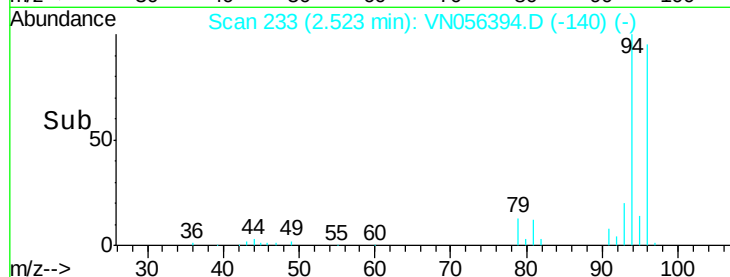
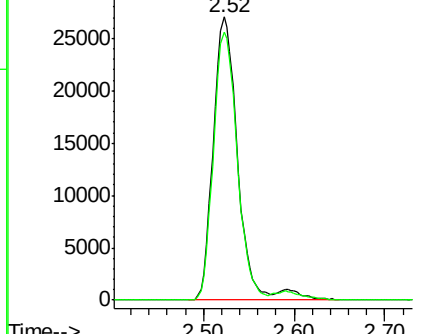
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.088 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN056394.D

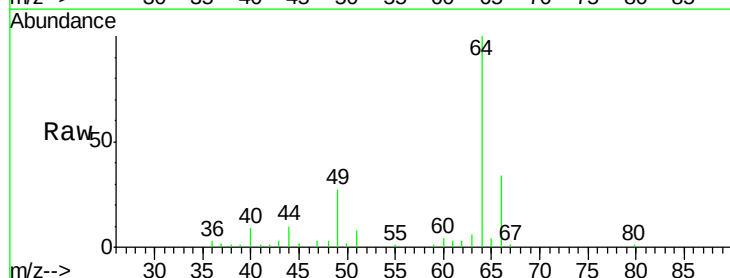
Acq: 20 Jun 2019 11:55

Tgt Ion: 64 Resp: 47605

Ion Ratio Lower Upper

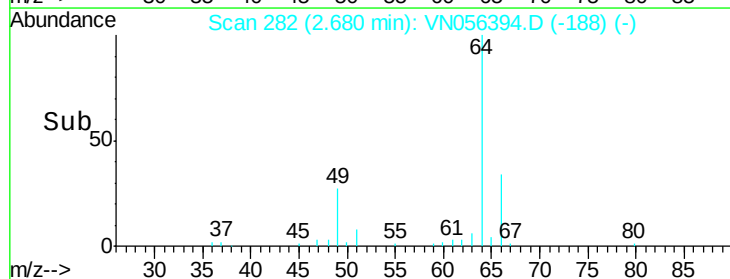
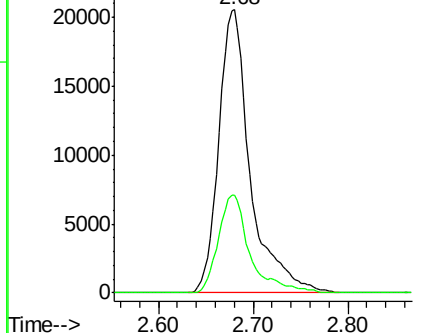
64 100

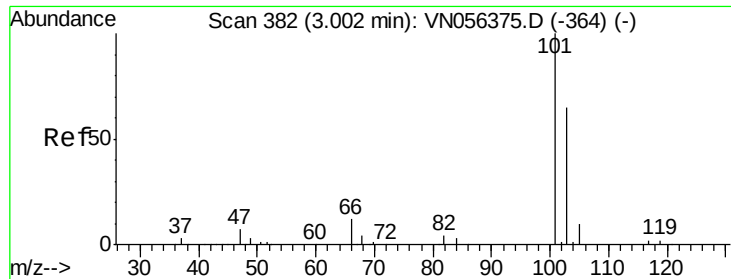
66 34.4 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

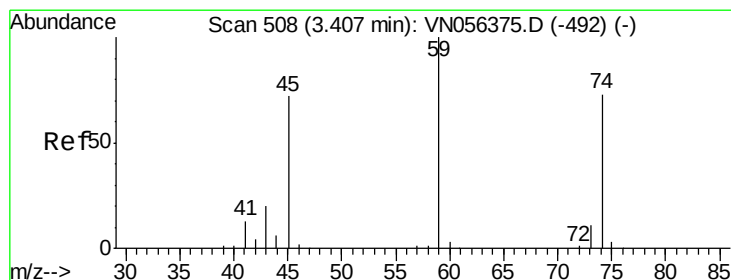
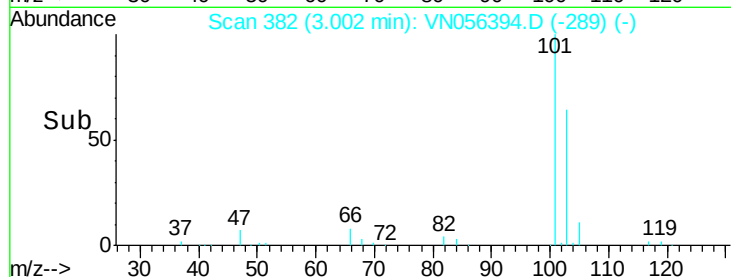
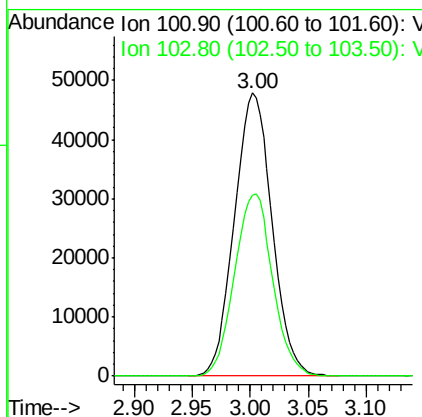
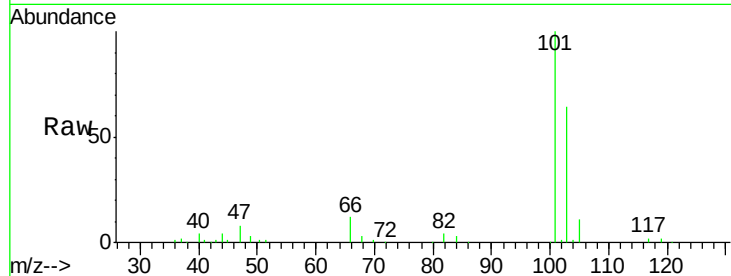
Trichlorofluoromethane
Concen: 20.405 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
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ClientSampled :
VN0620WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.7	77.5

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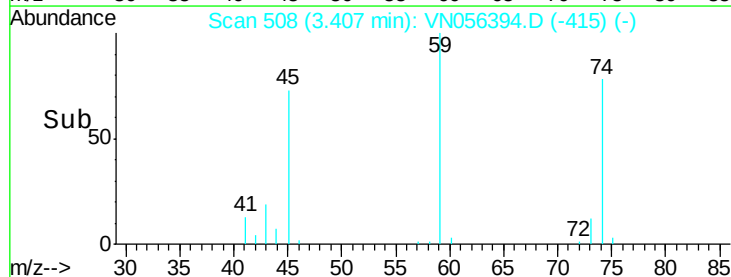
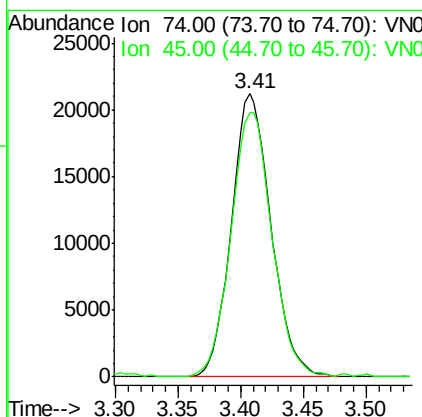
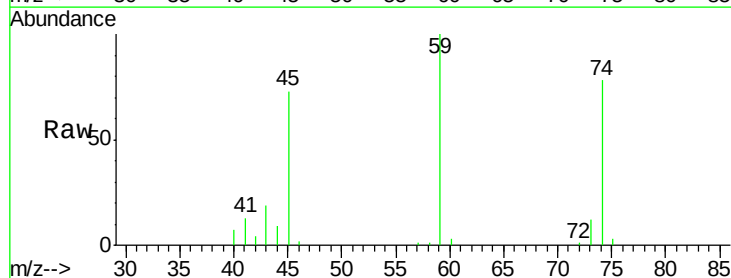
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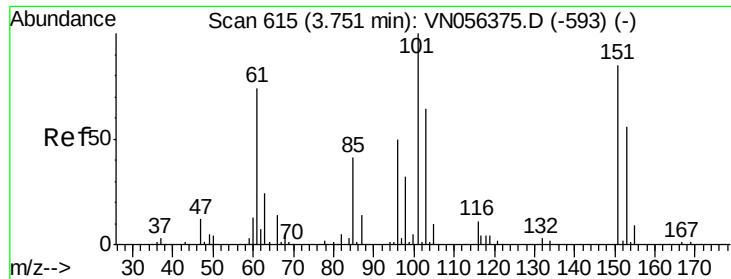


#8

Diethyl Ether
Concen: 20.722 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	48.9	146.6





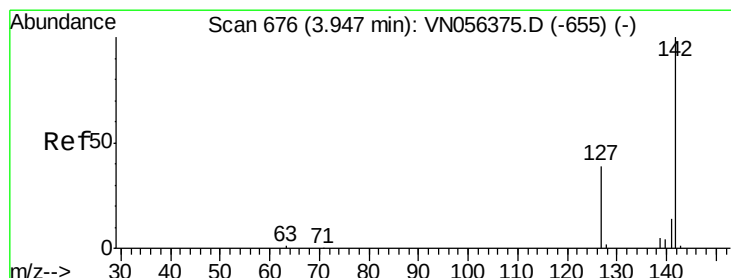
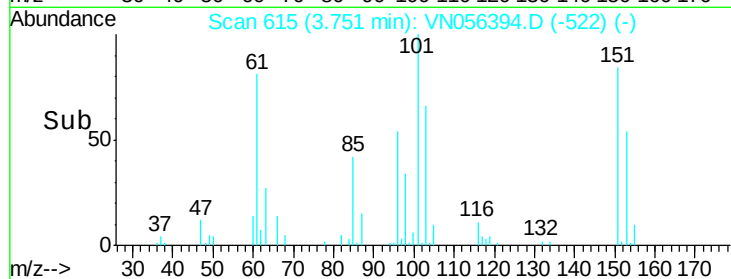
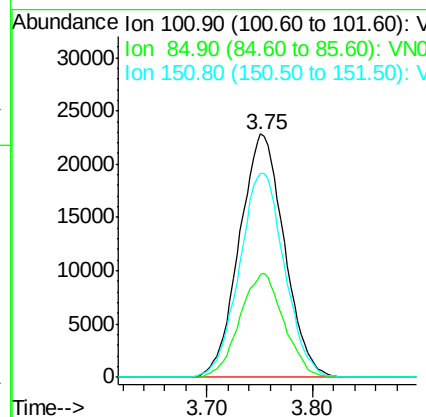
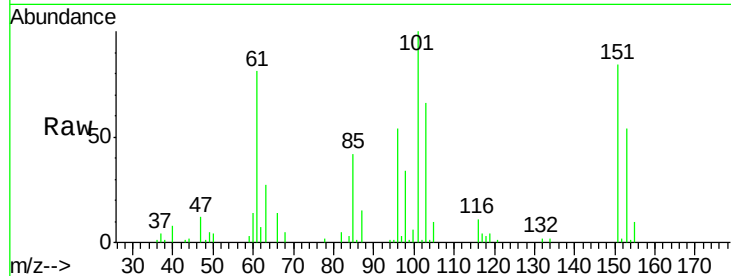
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.007 ug/l
RT: 3.75 min Scan# 615
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.8	32.7	49.1
151	84.1	66.8	100.2

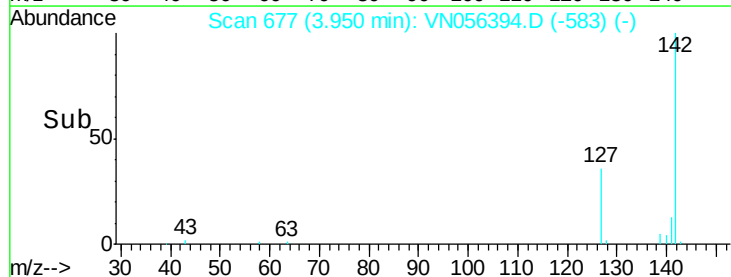
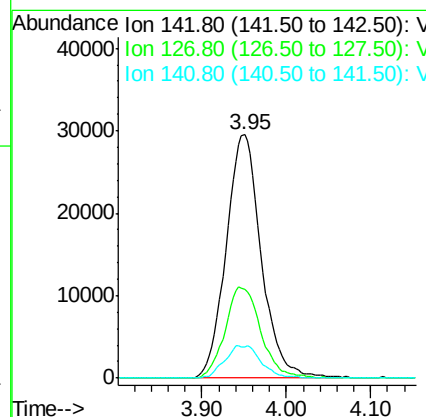
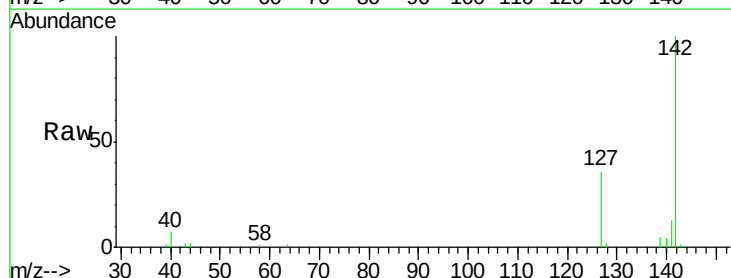
Manual Integrations
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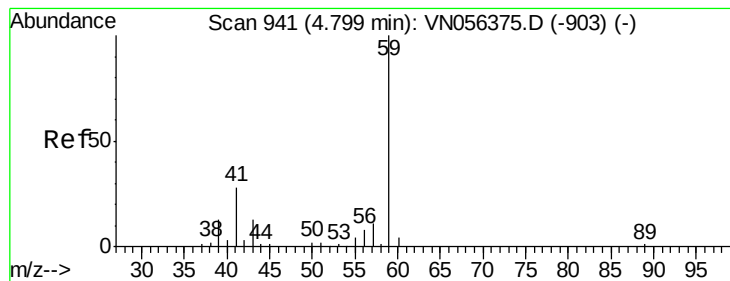
MMDadoda
6/21/2019 10:50:31 PM



#10
Methyl Iodide
Concen: 18.720 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.0	30.6	46.0
141	13.8	11.4	17.2





#11

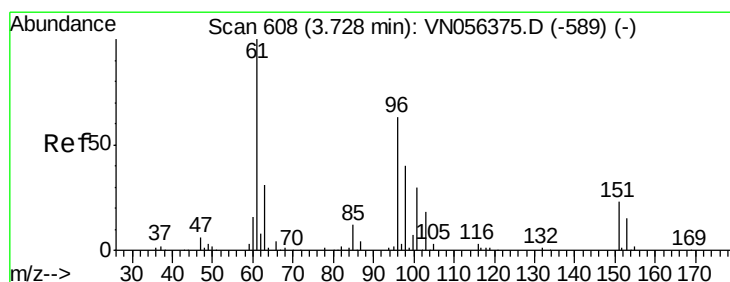
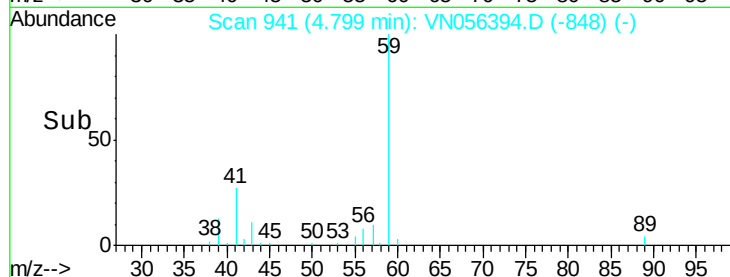
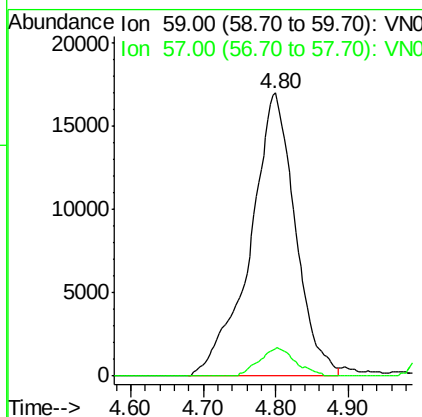
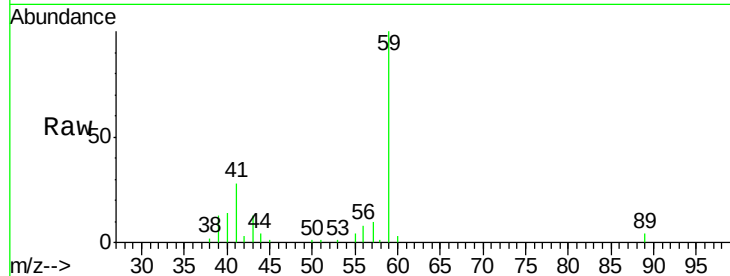
Tert butyl alcohol
 Concen: 107.172 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0620WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.1	7.6	11.4

Manual Integrations
 APPROVED

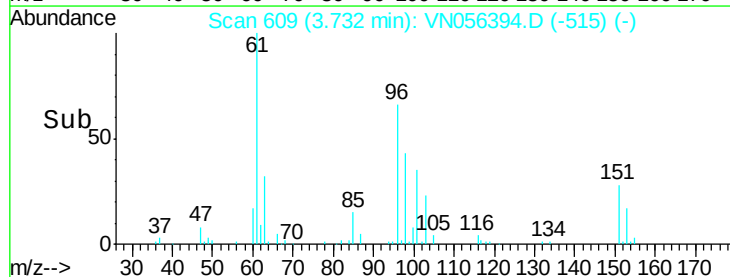
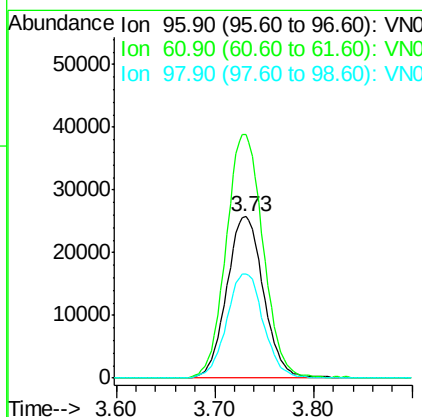
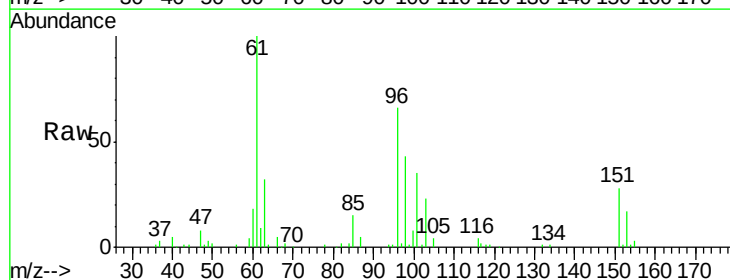
MMDadoda
 6/21/2019 10:50:31 PM

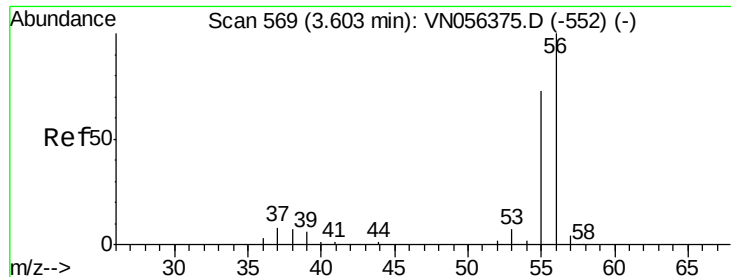


#12

1,1-Dichloroethene
 Concen: 20.562 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	126.6	190.0
98	64.9	51.1	76.7





#13

Acrolein

Concen: 90.282 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tot Ion: 56 Resp: 52196

Ion Ratio Lower Upper

56 100

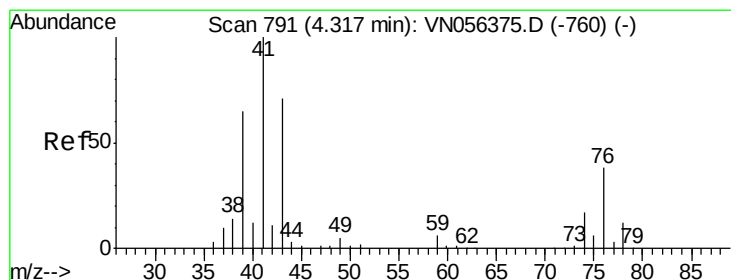
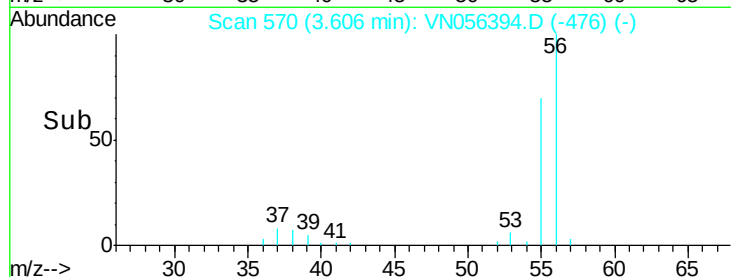
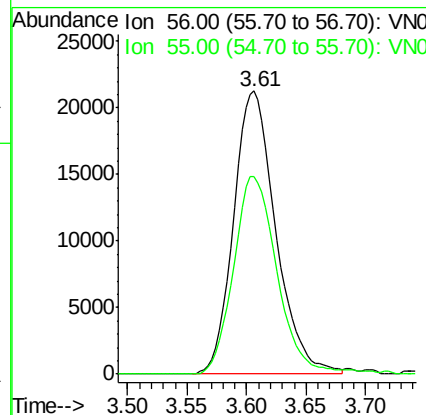
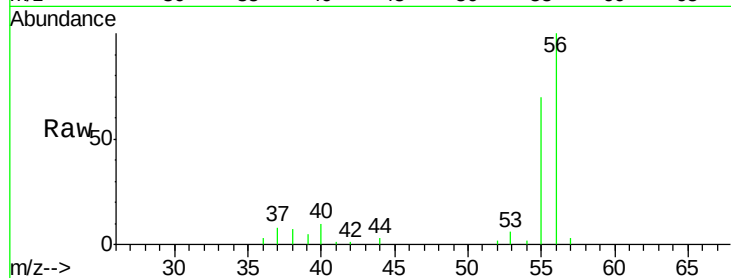
55 72.3 57.1 85.7

Manual Integrations

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#14

Allyl chloride

Concen: 20.257 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

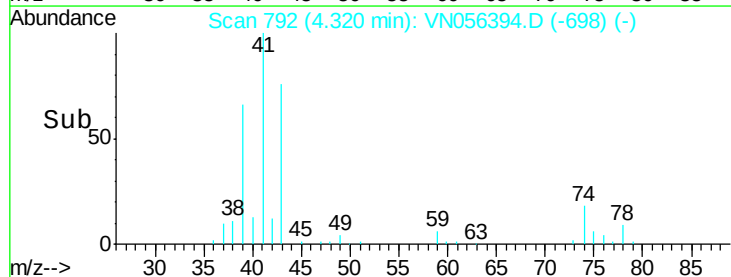
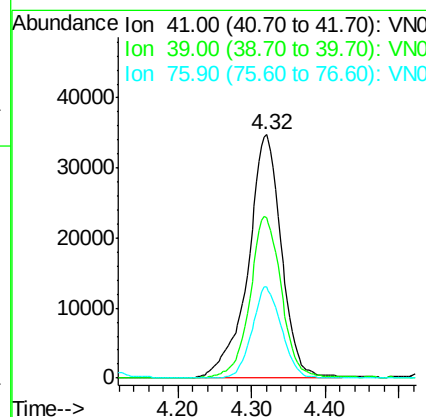
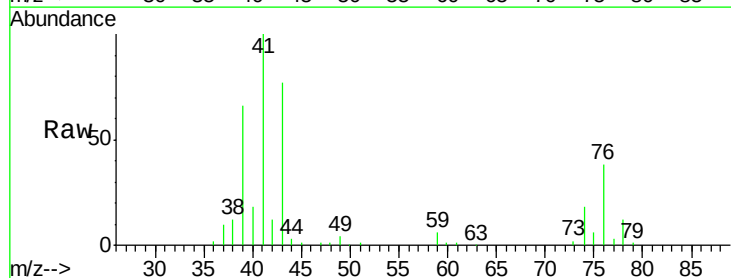
Tgt Ion: 41 Resp: 109466

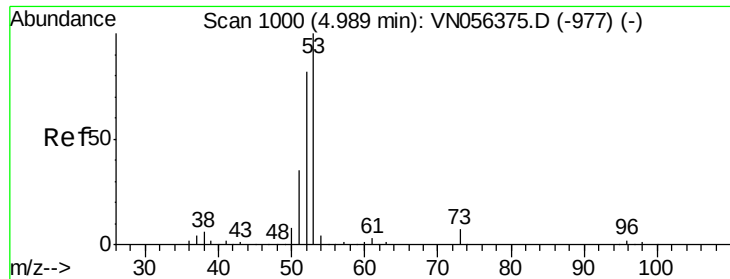
Ion Ratio Lower Upper

41 100

39 62.6 48.6 73.0

76 32.9 26.6 40.0





#15

Acrylonitrile

Concen: 100.431 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

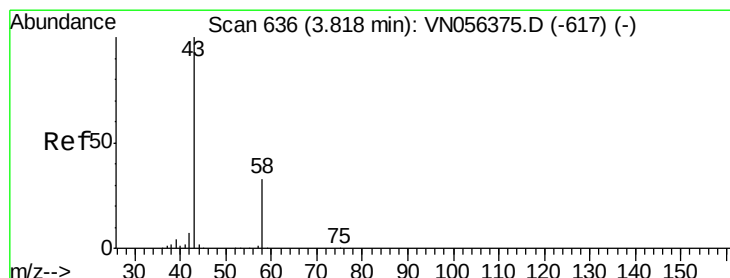
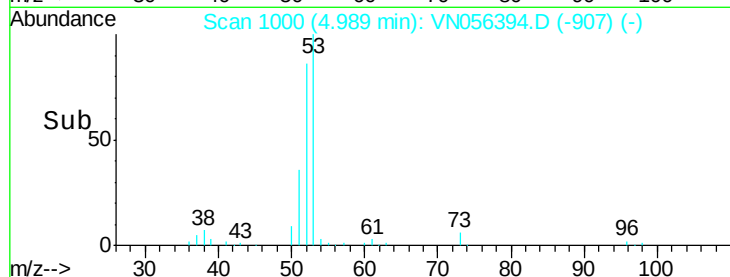
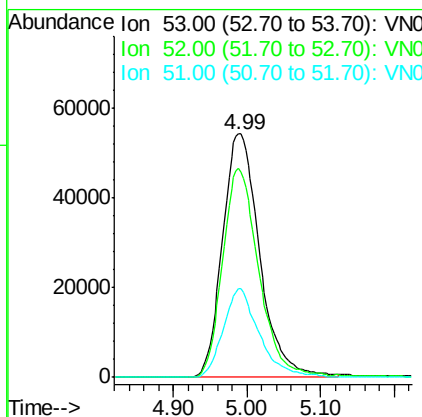
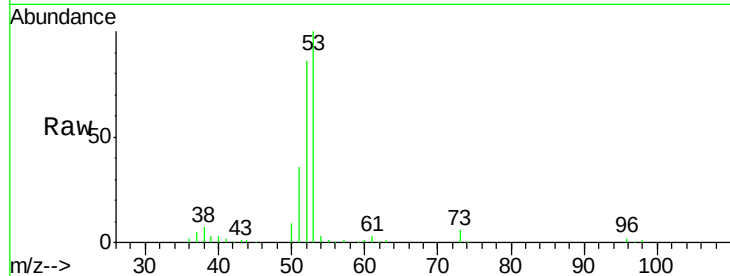
ClientSampleId :

VN0620WBS01

Tot Ion:	53	Resp:	190591
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.9	98.9
51	34.8	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 84.575 ug/l

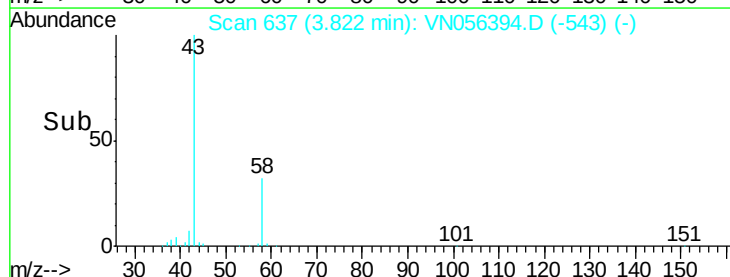
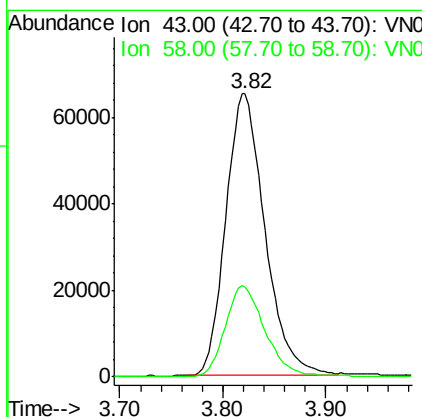
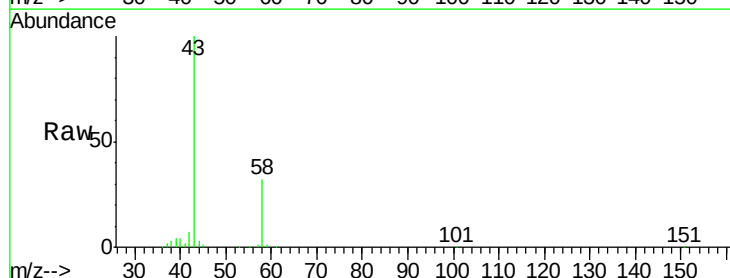
RT: 3.82 min Scan# 637

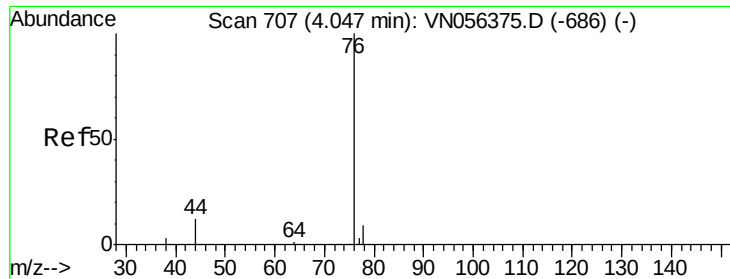
Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Tgt Ion:	43	Resp:	172580
Ion	Ratio	Lower	Upper
43	100		
58	31.8	26.4	39.6





#17

Carbon Disulfide

Concen: 18.926 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Tot Ion: 76 Resp: 139744

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

Instrument :

MSVOA_N

ClientSampleId :

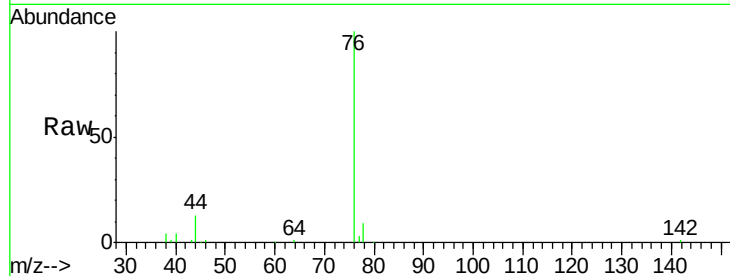
VN0620WBS01

Manual Integrations

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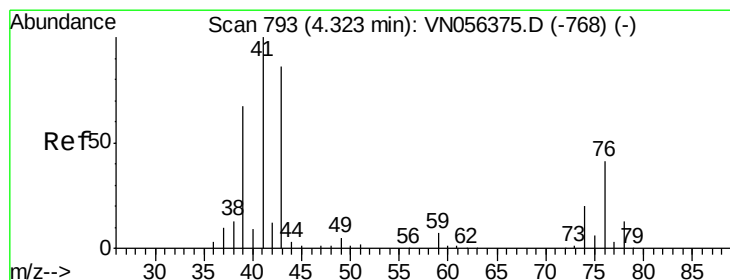
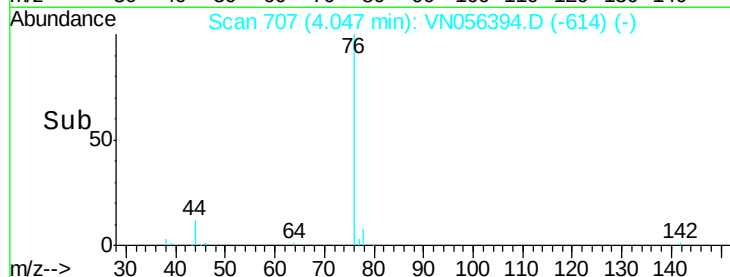
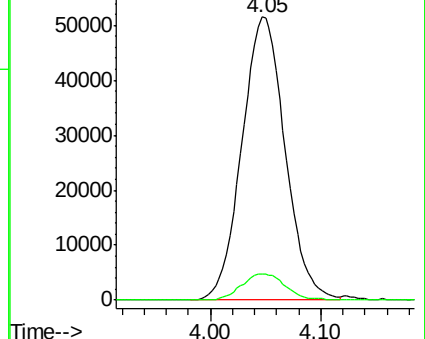
MMDadoda

6/21/2019 10:50:31 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.672 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056394.D

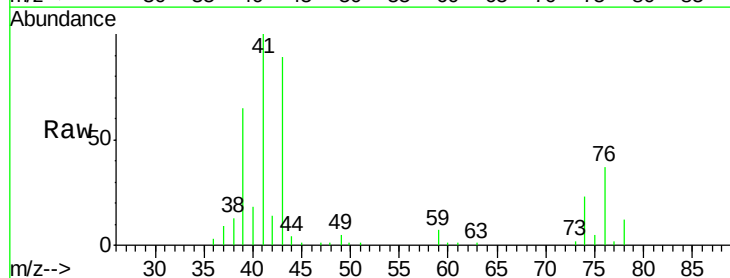
Acq: 20 Jun 2019 11:55

Tgt Ion: 43 Resp: 84652

Ion Ratio Lower Upper

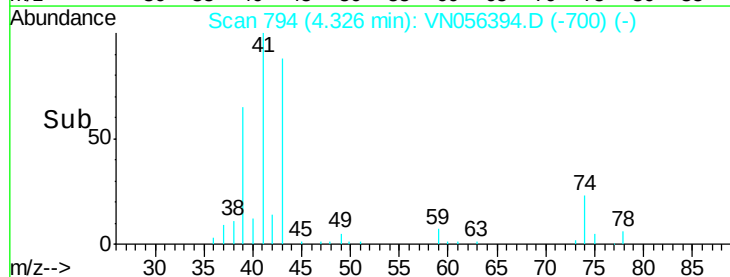
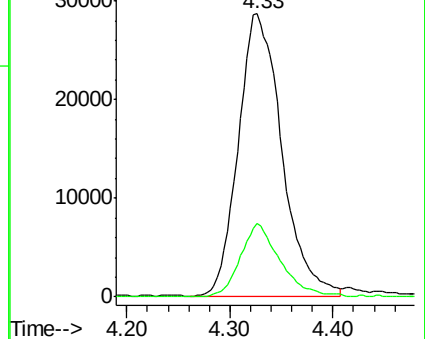
43 100

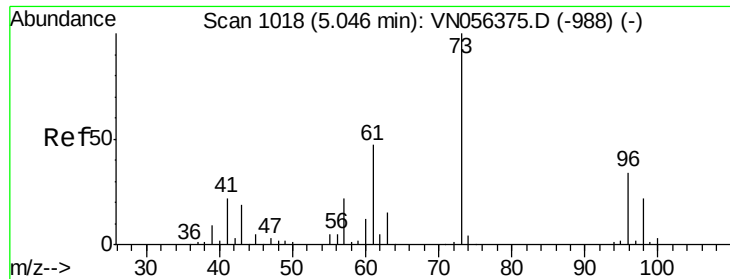
74 23.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





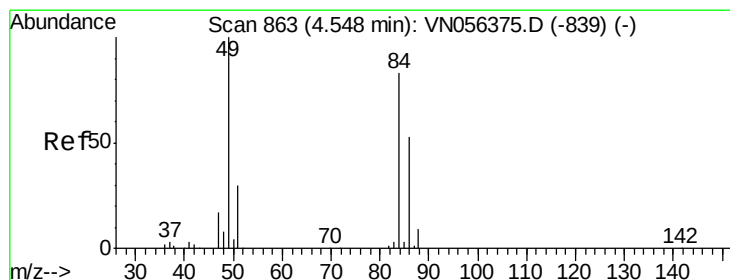
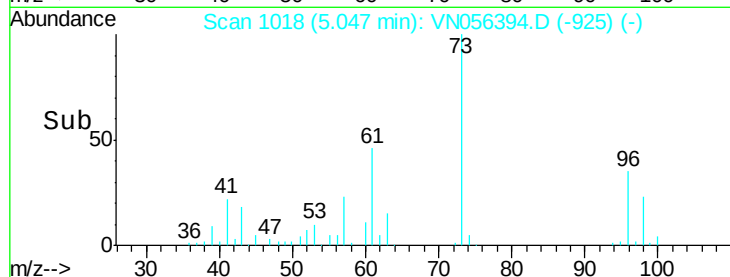
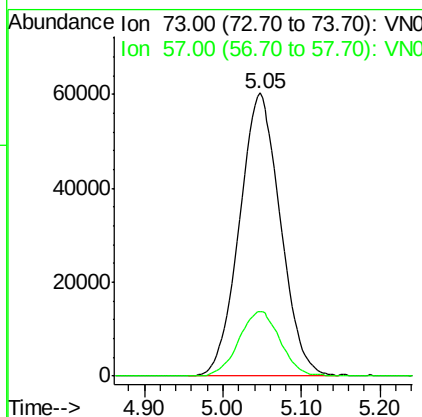
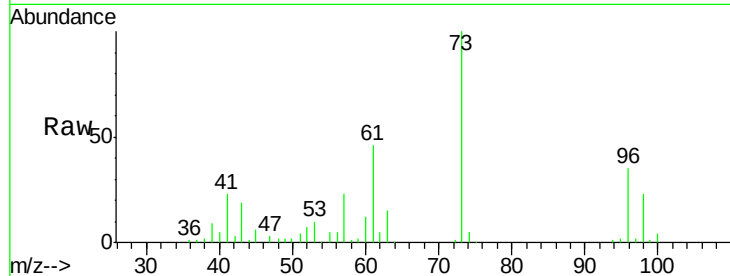
#19
Methyl tert-butyl Ether
Concen: 20.548 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tot Ion: 73 Resp: 220727
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9

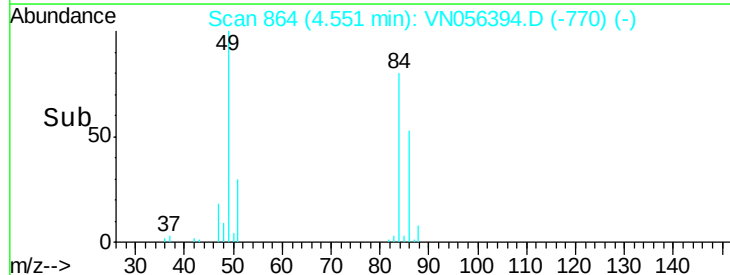
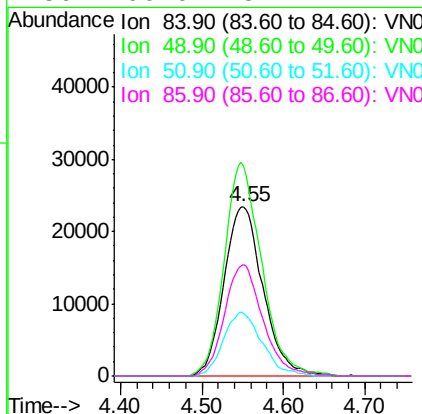
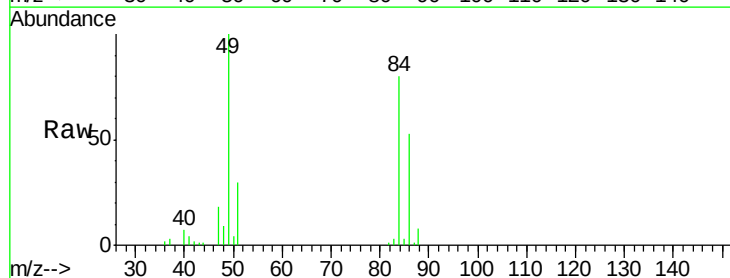
Manual Integrations
APPROVED

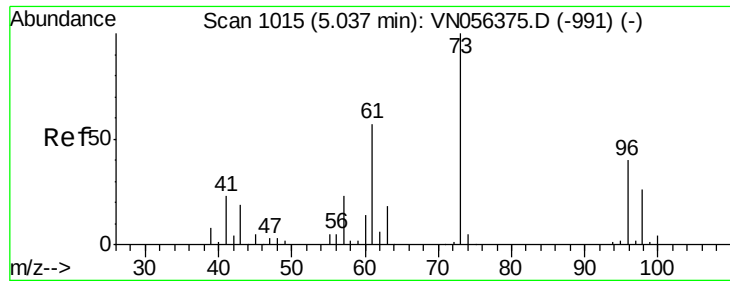
MMDadoda
6/21/2019 10:50:31 PM



#20
Methylene Chloride
Concen: 19.882 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion: 84 Resp: 78544
Ion Ratio Lower Upper
84 100
49 124.4 96.4 144.6
51 37.2 28.6 43.0
86 66.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.842 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

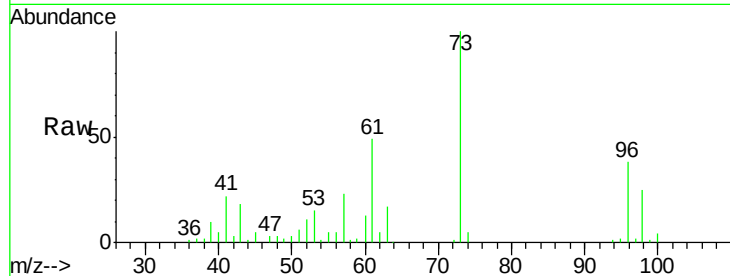
ClientSampleId :

VN0620WBS01

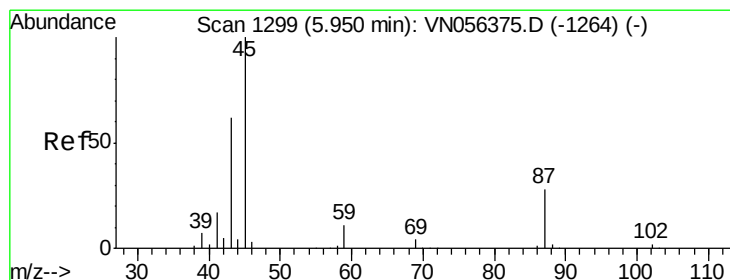
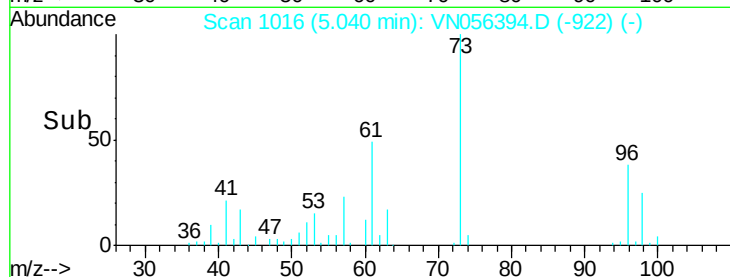
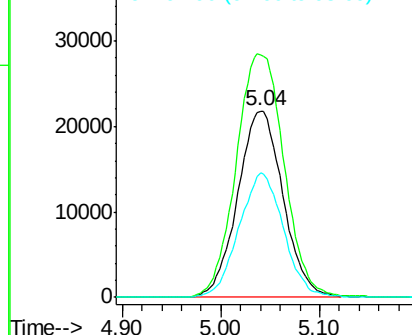
Tot Ion:	96	Resp:	69447
Ion	Ratio	Lower	Upper
96	100		
61	130.2	113.0	169.6
98	66.7	52.2	78.2

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Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.553 ug/l

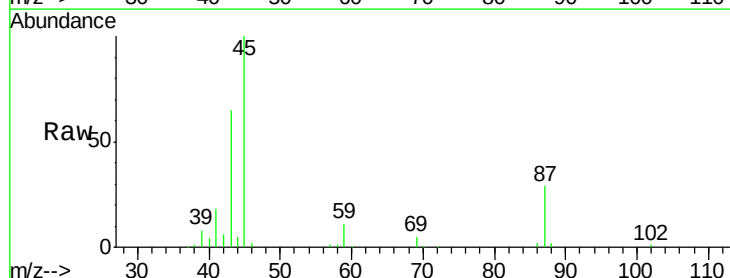
RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

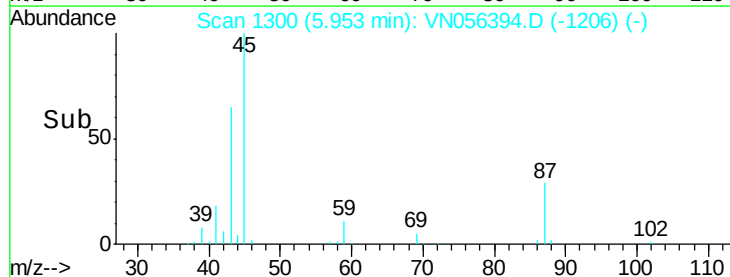
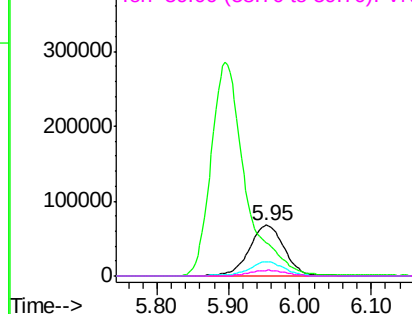
Lab File: VN056394.D

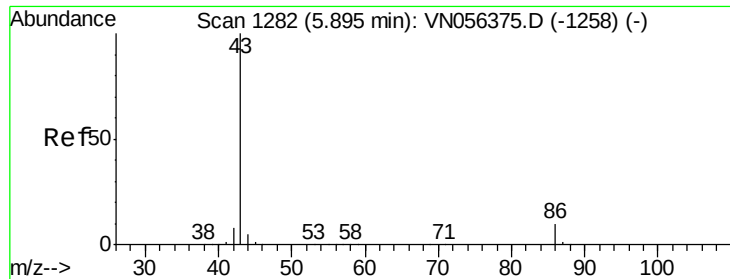
Acq: 20 Jun 2019 11:55

Tgt Ion:	45	Resp:	233258
Ion	Ratio	Lower	Upper
45	100		
43	63.0	50.4	75.6
87	28.2	23.0	34.4
59	11.3	9.1	13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 105.873 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tot Ion: 43 Resp: 947690

Ion Ratio Lower Upper

43 100

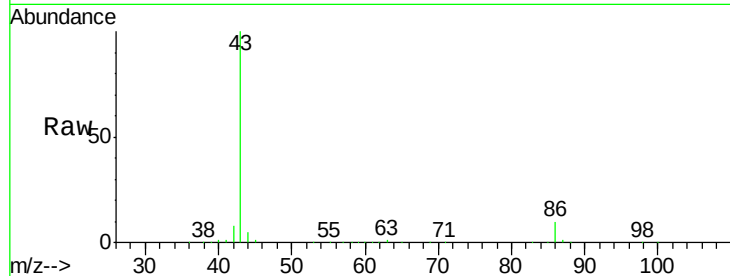
86 10.4 8.3 12.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

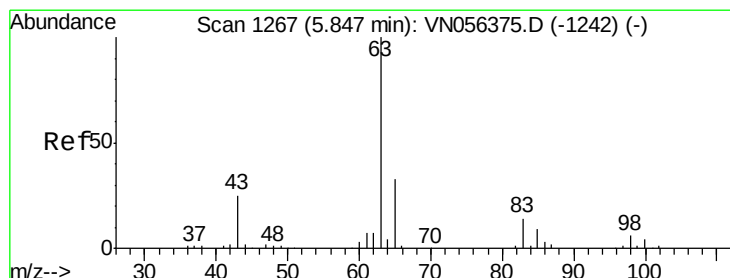
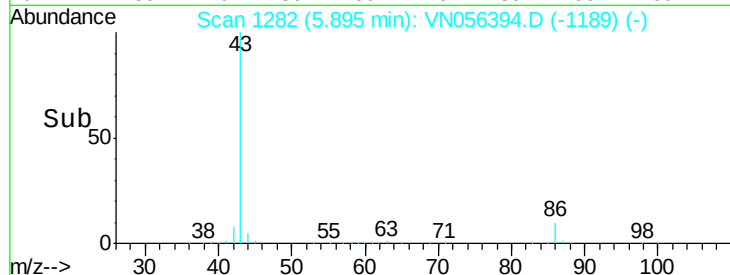
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.504 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

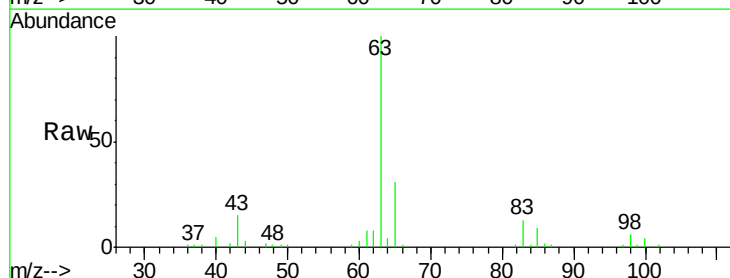
Tgt Ion: 63 Resp: 133574

Ion Ratio Lower Upper

63 100

98 6.5 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

5.85

50000

40000

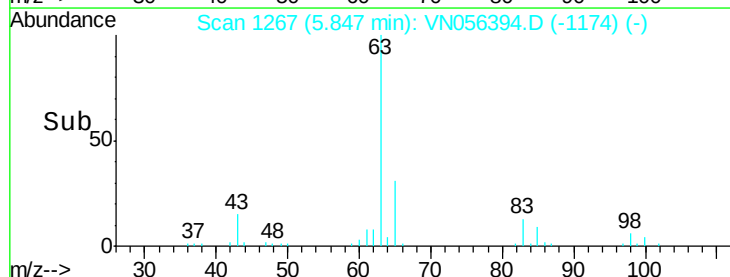
30000

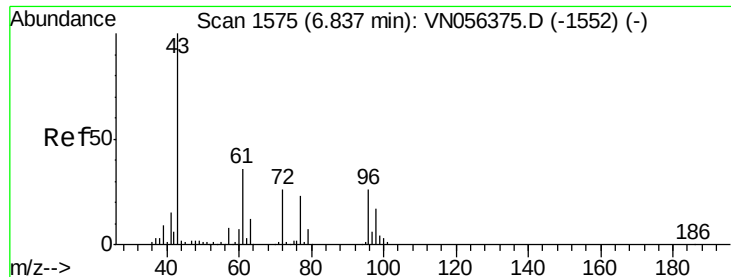
20000

10000

0

Time-->





#25

2-Butanone

Concen: 96.498 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampled :

VN0620WBS01

Tot Ion: 43 Resp: 260611

Ion Ratio Lower Upper

43 100

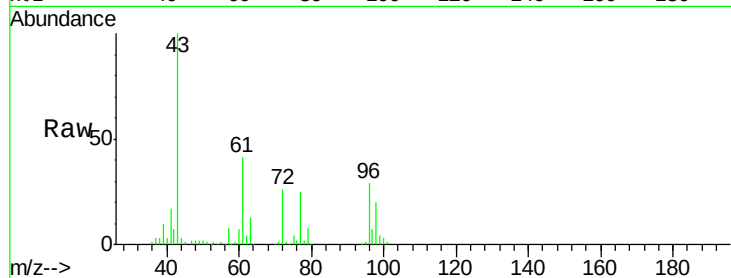
72 26.1 20.6 31.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

80000

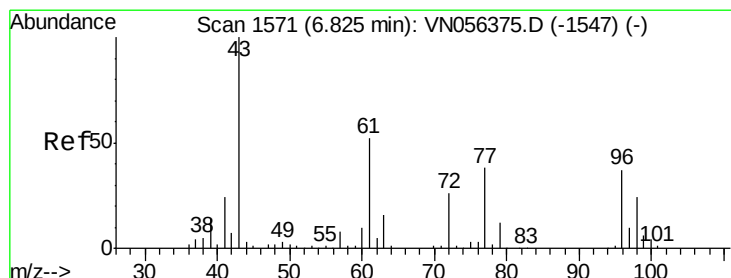
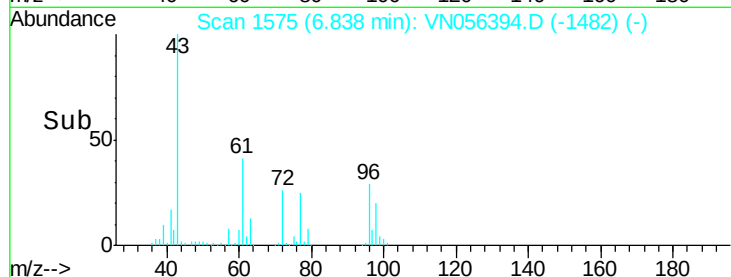
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.289 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056394.D

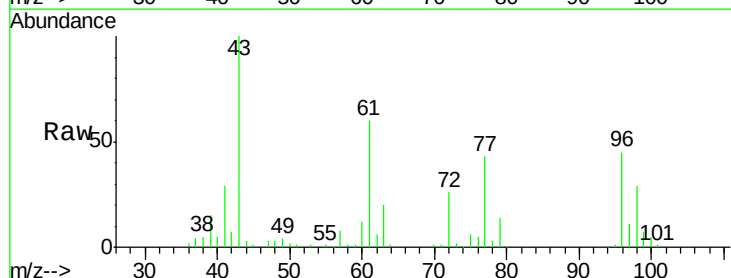
Acq: 20 Jun 2019 11:55

Tgt Ion: 77 Resp: 87398

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

30000

25000

20000

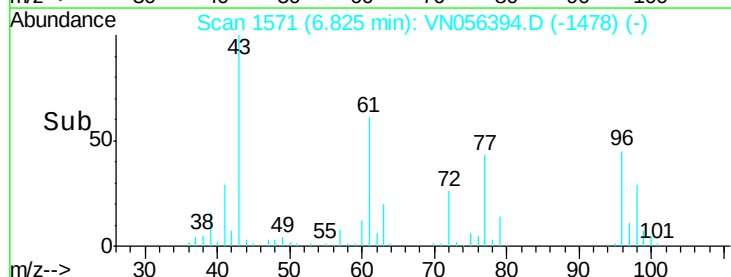
15000

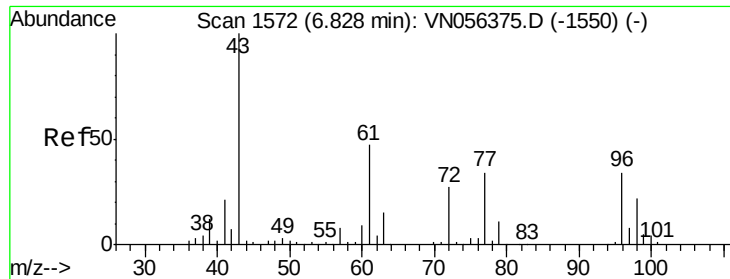
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 20.595 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

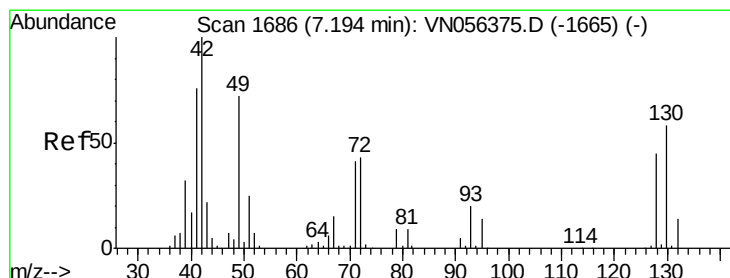
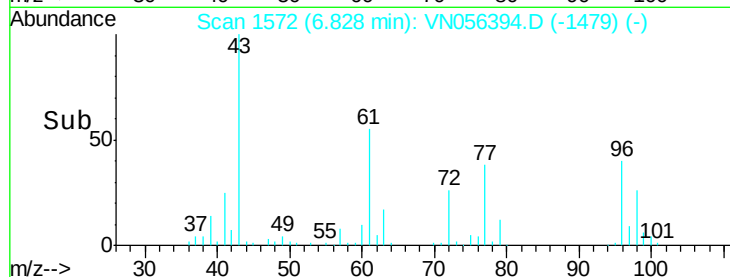
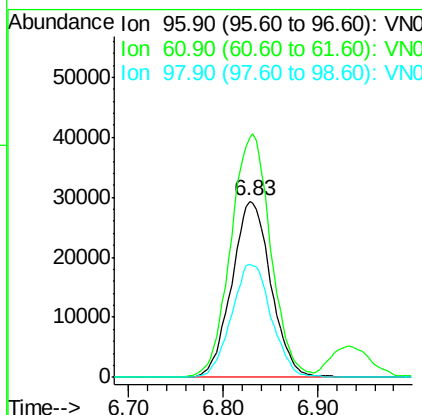
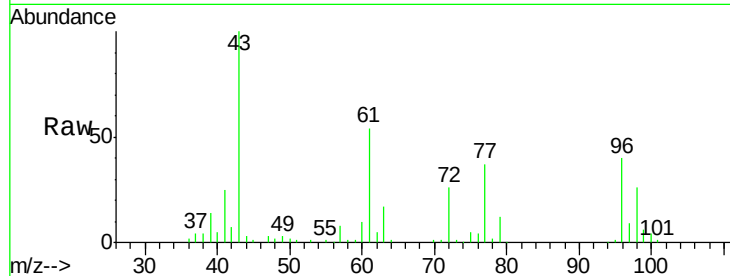
ClientSampled :

VN0620WBS01

Tot Ion:	96	Resp:	84333
Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	279.8
98	65.6	0.0	130.0

Manual Integrations
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#28

Bromochloromethane

Concen: 20.977 ug/l

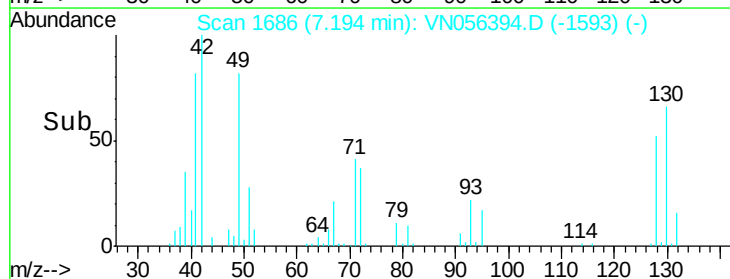
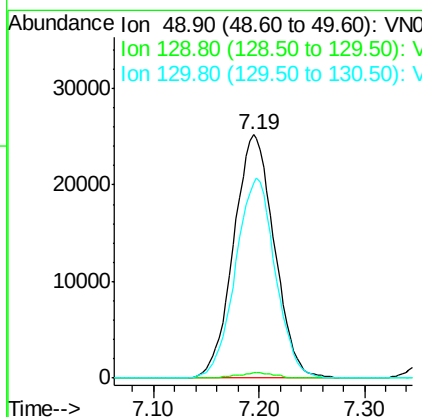
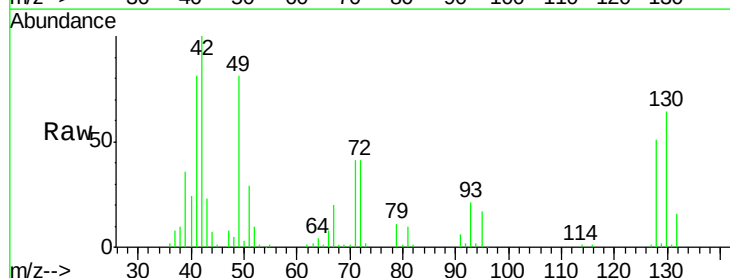
RT: 7.19 min Scan# 1686

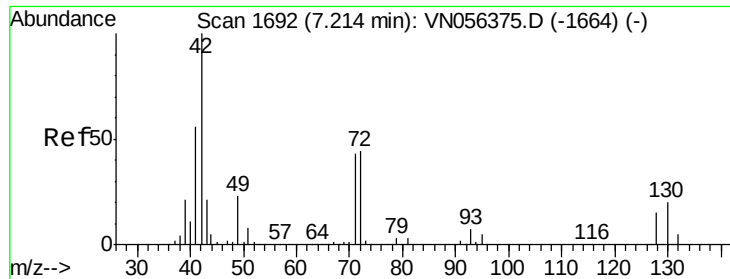
Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Tgt Ion:	49	Resp:	67594
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	80.4	64.9	97.3





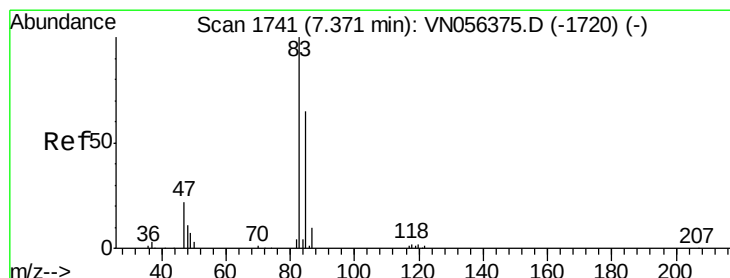
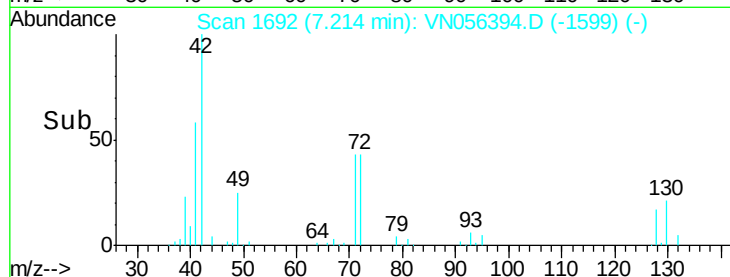
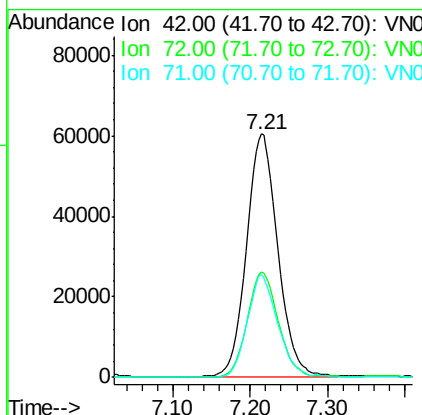
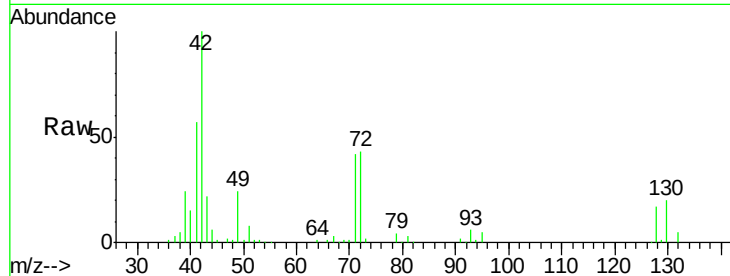
#29
Tetrahydrofuran
Concen: 104.396 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.7	52.1
71	40.9	33.0	49.6

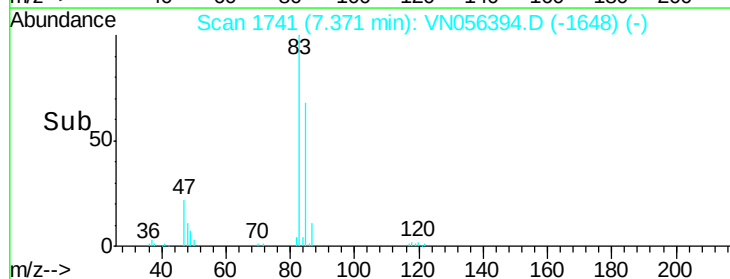
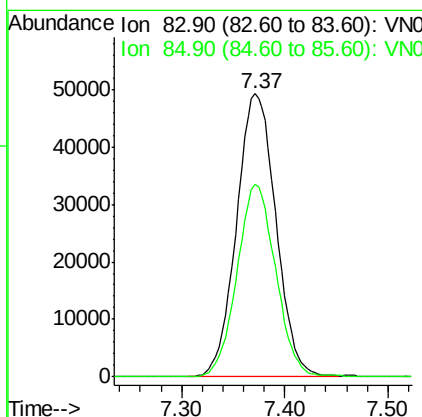
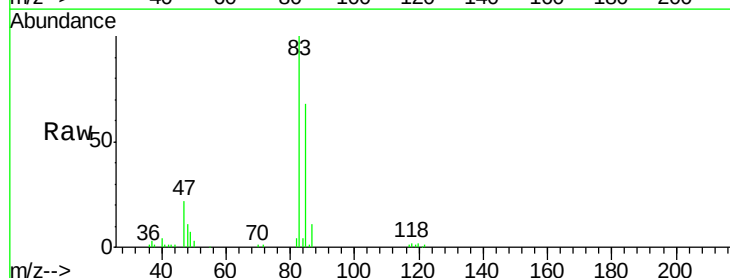
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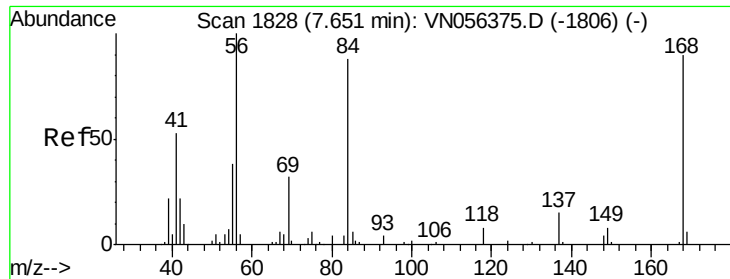
MMDadoda
6/21/2019 10:50:31 PM



#30
Chloroform
Concen: 20.346 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	52.3	78.5





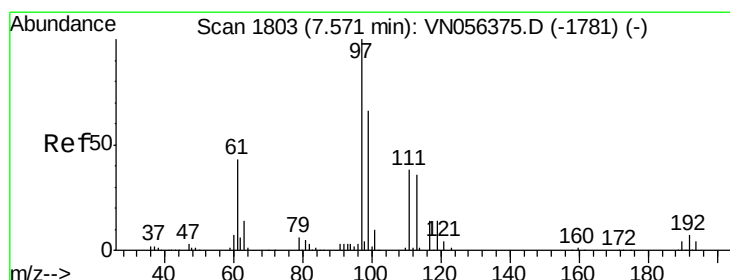
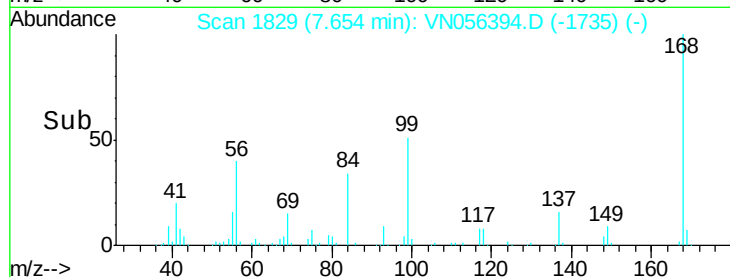
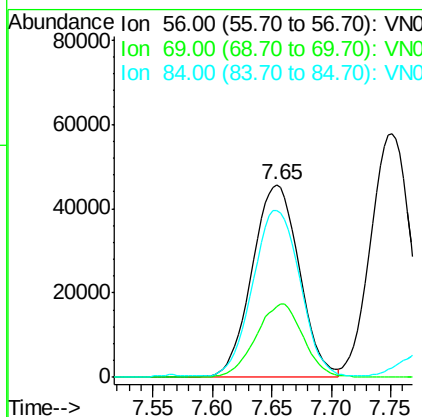
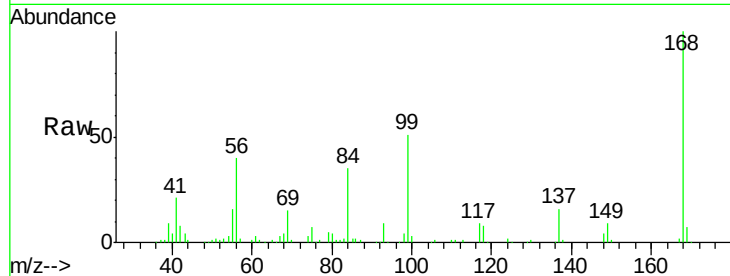
#31
Cyclohexane
Concen: 19.953 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampled :
VN0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
56	100	125489		
69	36.7	25.8	38.6	
84	85.7	69.4	104.0	

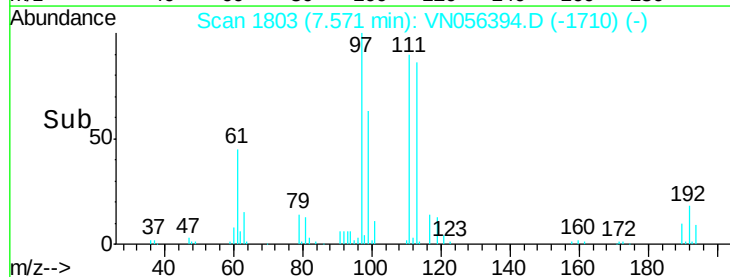
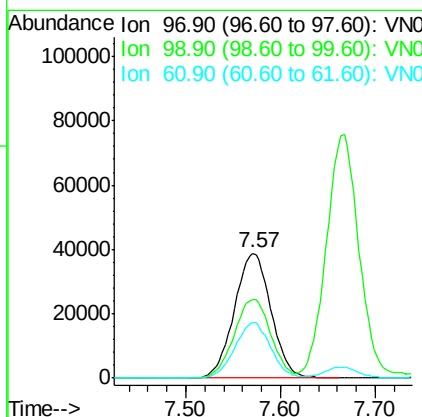
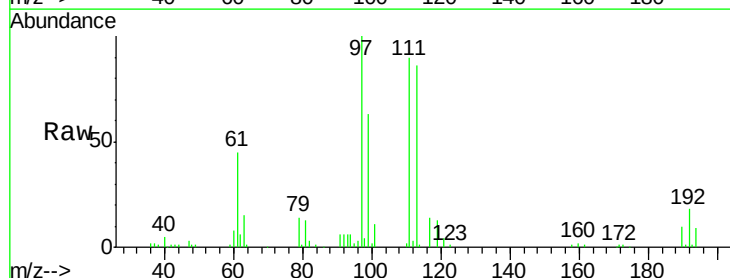
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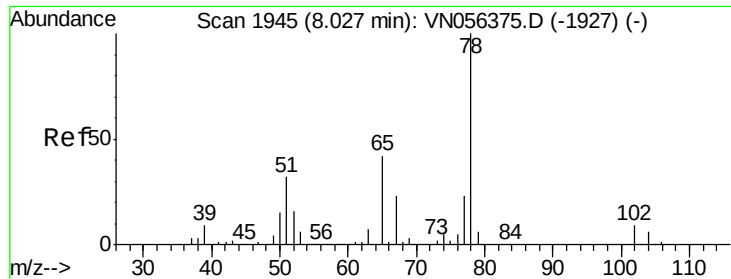
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.447 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	104187		
99	63.4	51.8	77.6	
61	43.3	33.9	50.9	





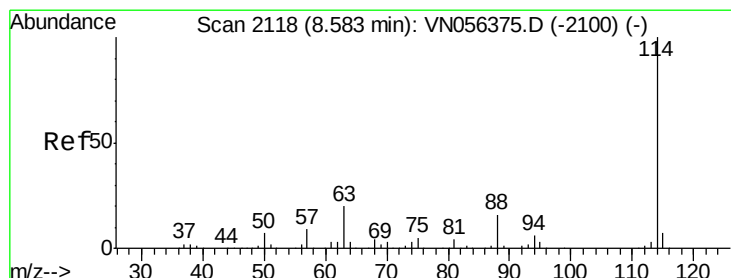
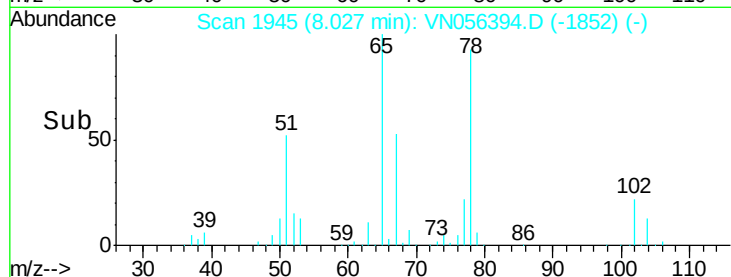
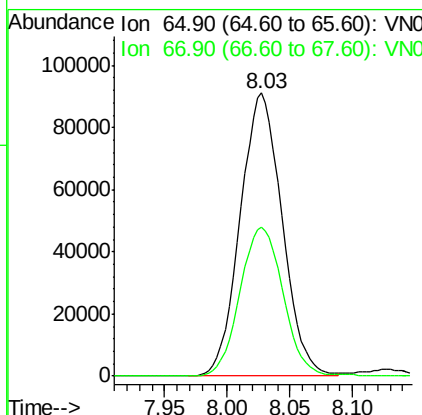
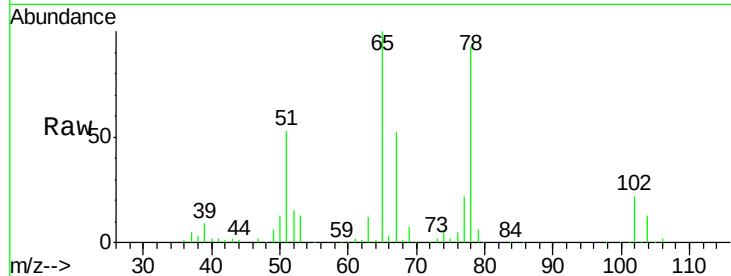
#33
 1,2-Dichloroethane-d4
 Concen: 52.085 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	212134		
67	54.1	0.0	109.0	

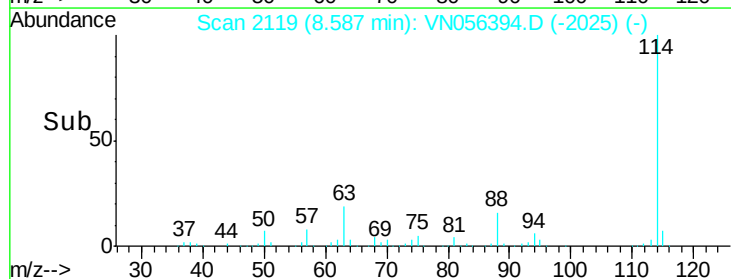
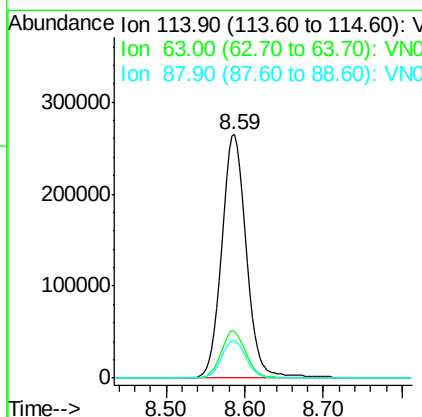
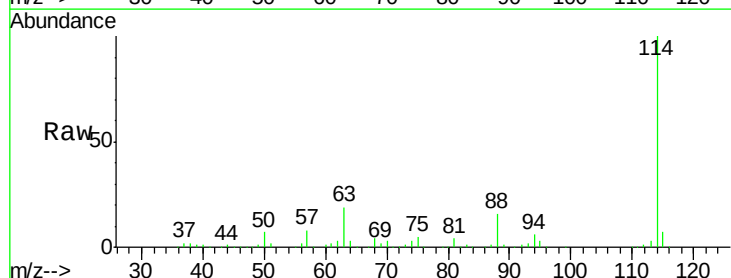
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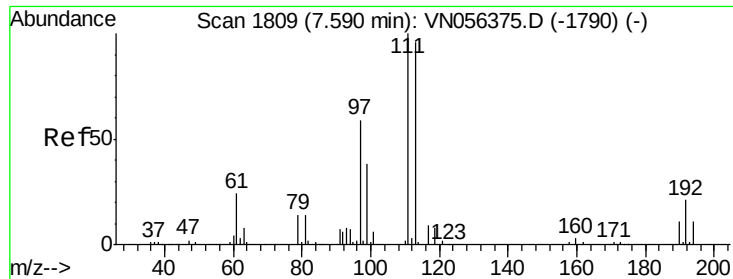
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	571252		
63	19.3	0.0	39.2	
88	15.5	0.0	31.4	





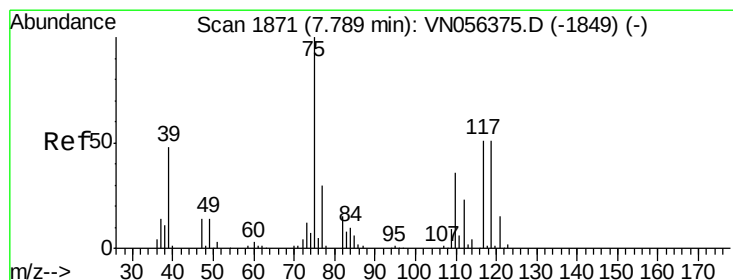
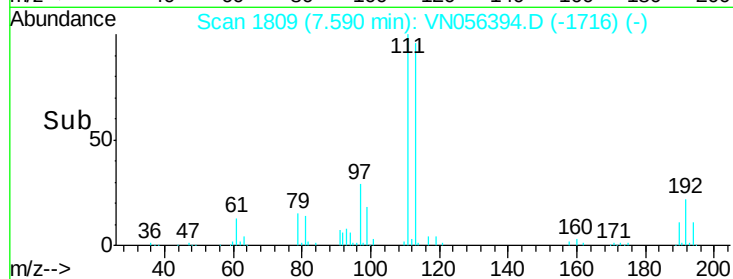
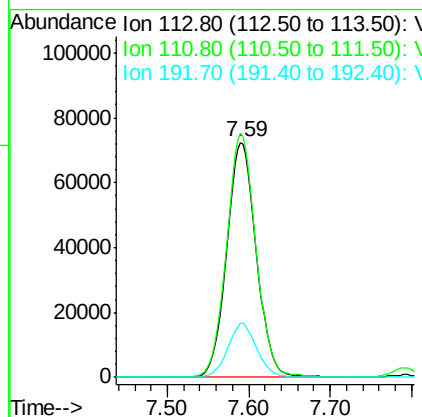
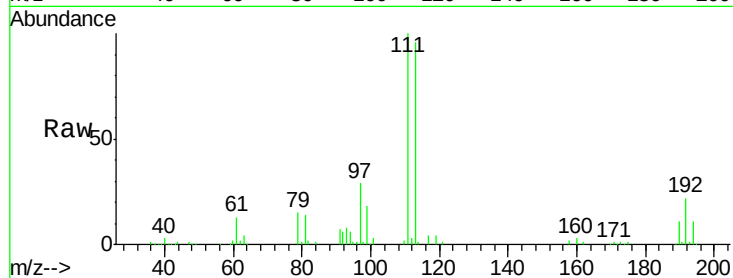
#35
 Dibromofluoromethane
 Concen: 51.598 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.7	82.9	124.3	
192	22.5	17.7	26.5	

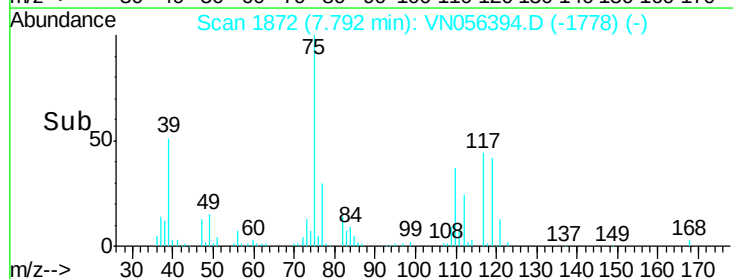
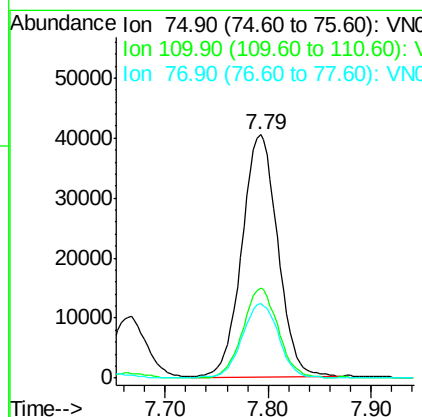
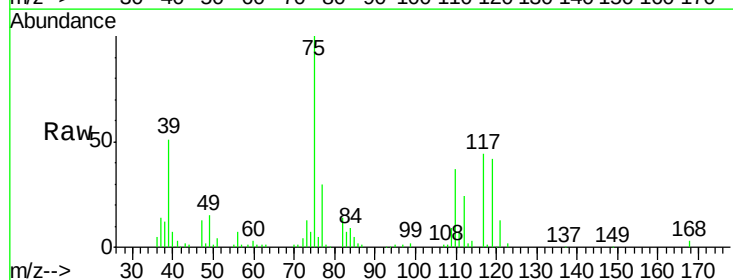
Manual Integrations
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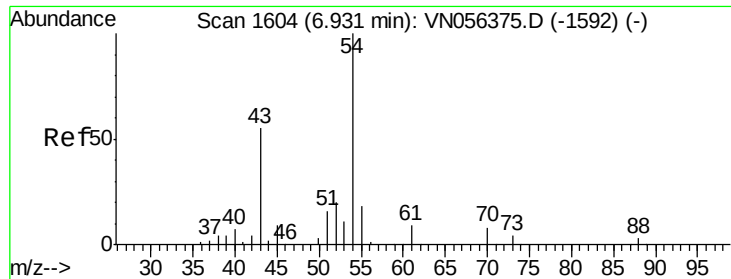
MMDadoda
 6/21/2019 10:50:31 PM



#36
 1,1-Dichloropropene
 Concen: 19.449 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.7	18.1	54.3	
77	31.3	24.6	36.8	





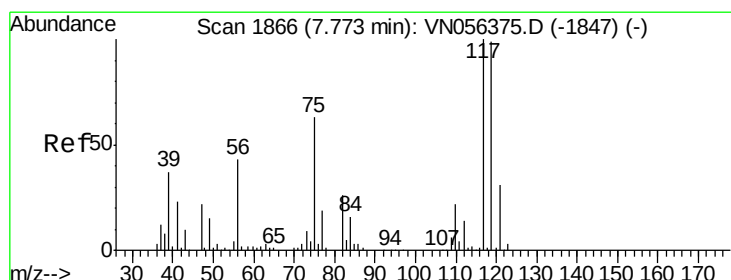
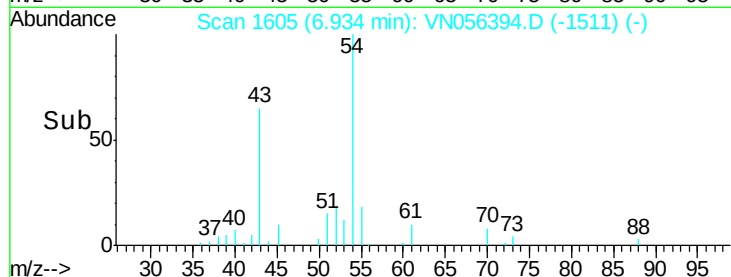
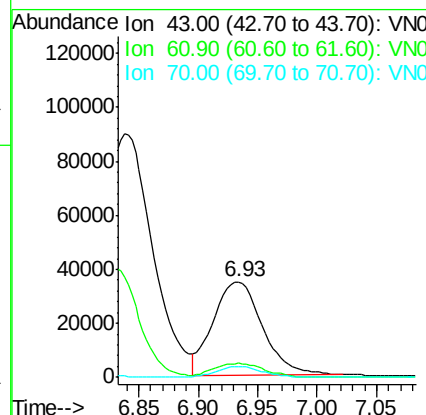
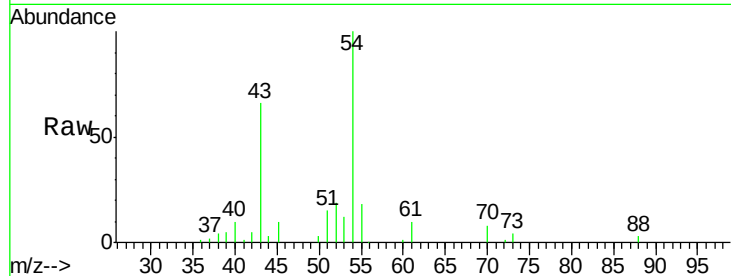
#37
Ethyl Acetate
Concen: 20.202 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampled :
VN0620WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.1	16.7
70	10.8	8.3	12.5

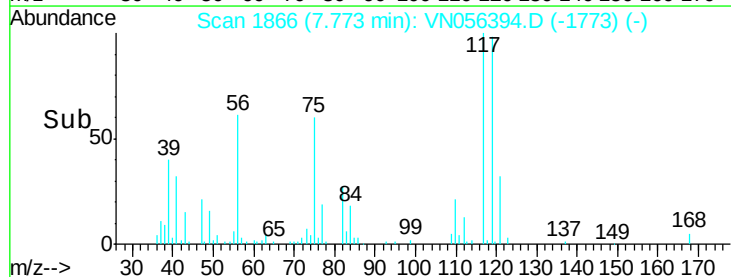
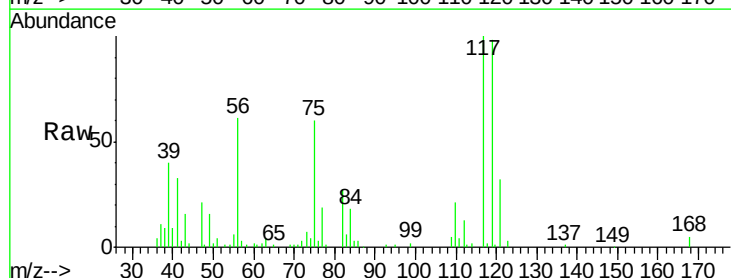
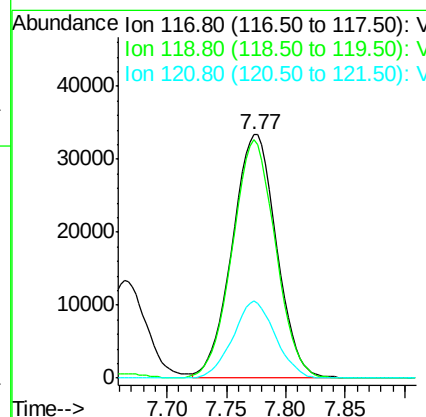
Manual Integrations
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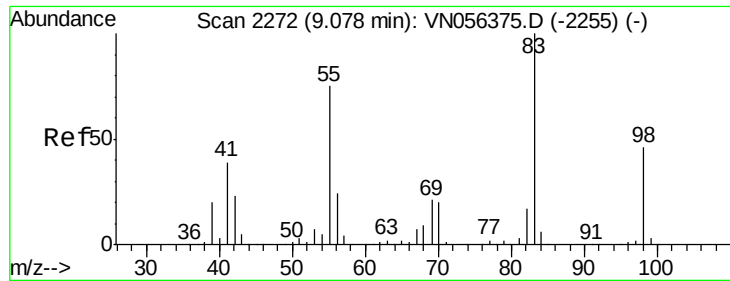
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#38
Carbon Tetrachloride
Concen: 19.601 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	79.1	118.7
121	31.6	24.8	37.2





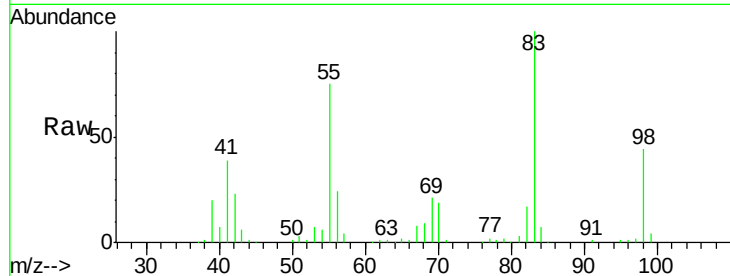
#39
Methylvlcyclohexane
Concen: 19.554 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampled :
VN0620WBS01

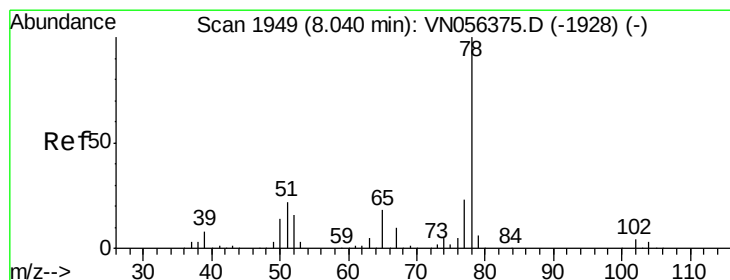
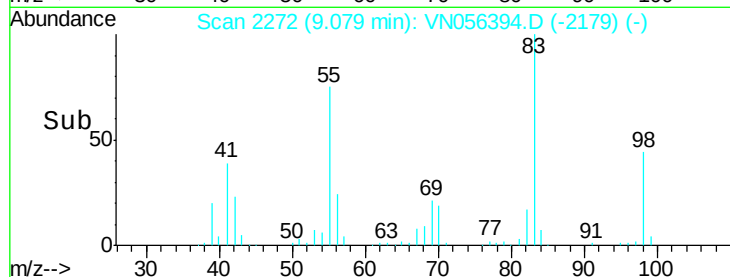
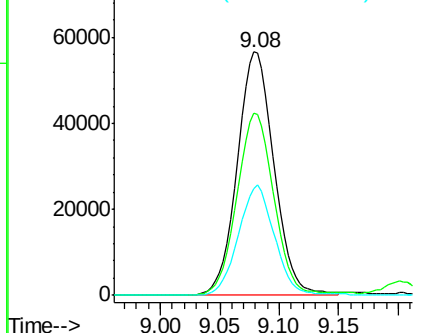
Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	74.3	60.0	90.0	
98	44.0	36.6	54.8	

Manual Integrations
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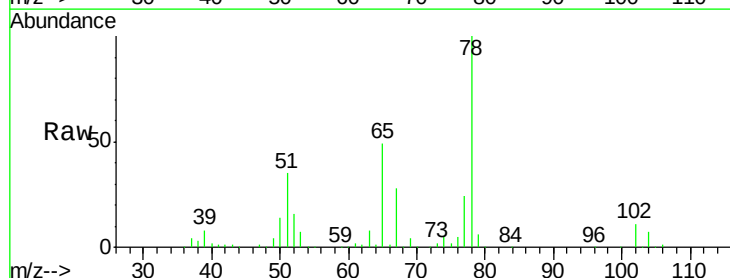


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

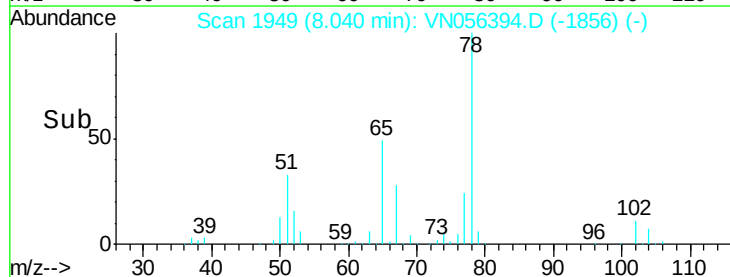
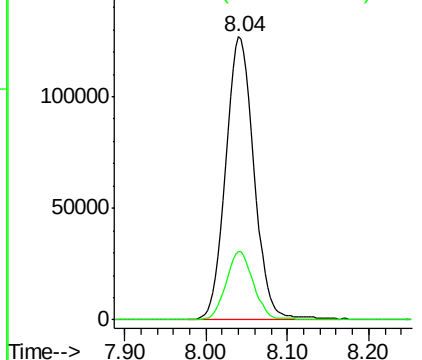


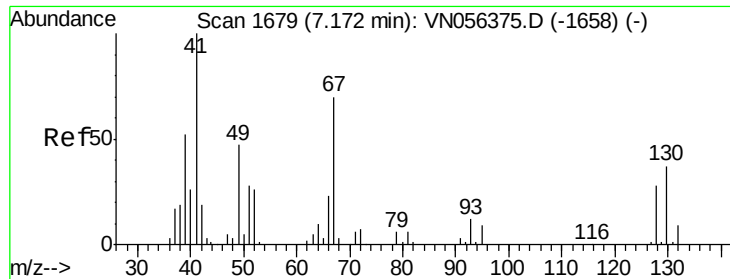
#40
Benzene
Concen: 20.073 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.2	18.3	27.5	



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





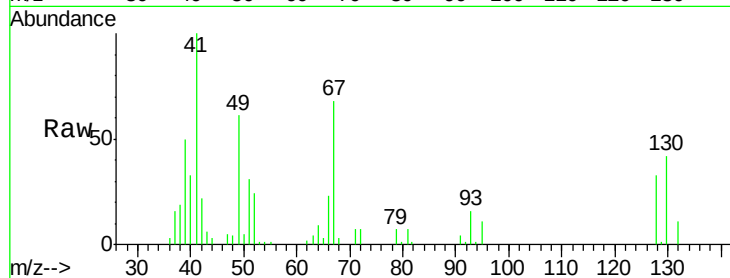
#41
Methacrylonitrile
Concen: 20.242 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

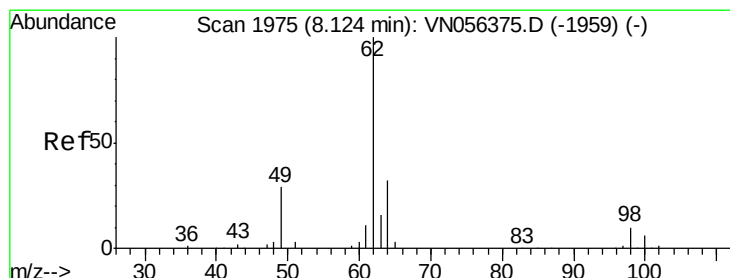
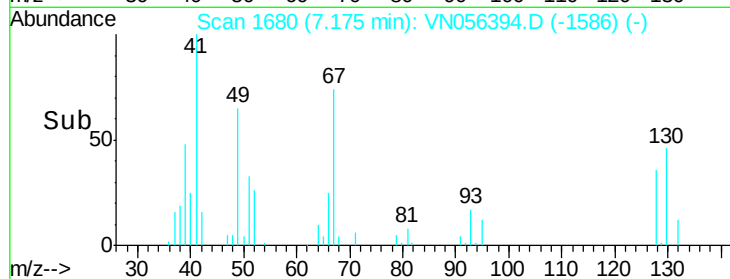
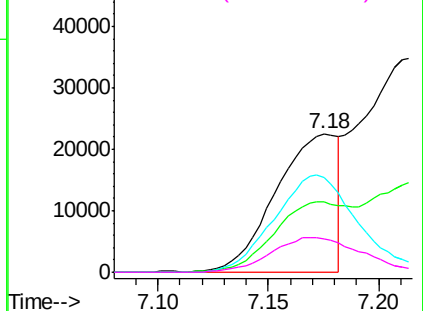
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.7	55.3	82.9	
67	95.9	79.2	118.8	
52	36.8	31.4	47.0	

Manual Integrations
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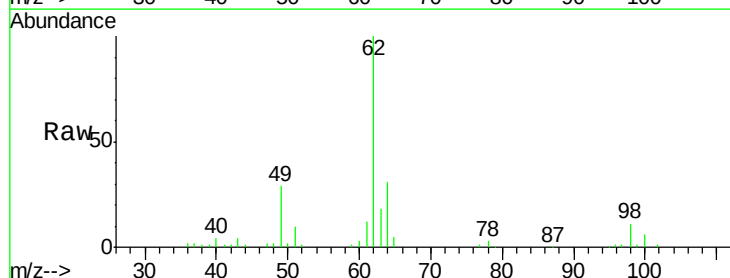


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

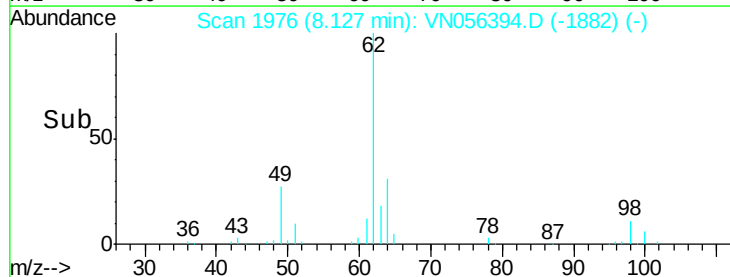
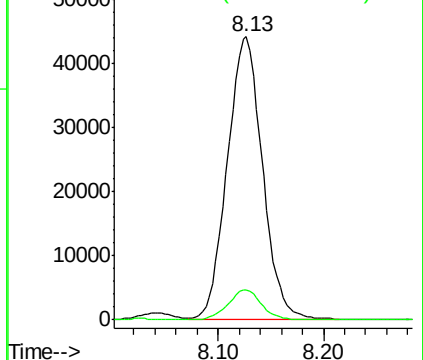


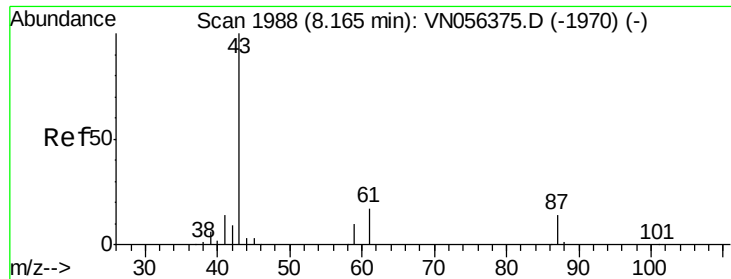
#42
1,2-Dichloroethane
Concen: 20.047 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.4	



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.978 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

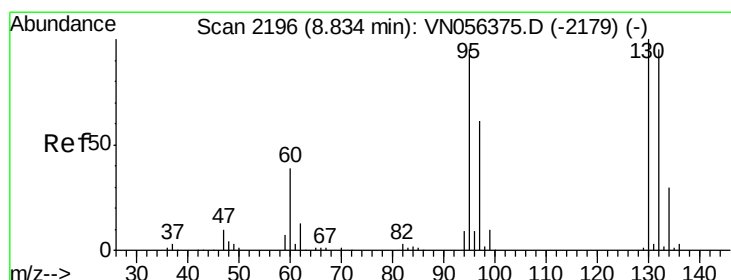
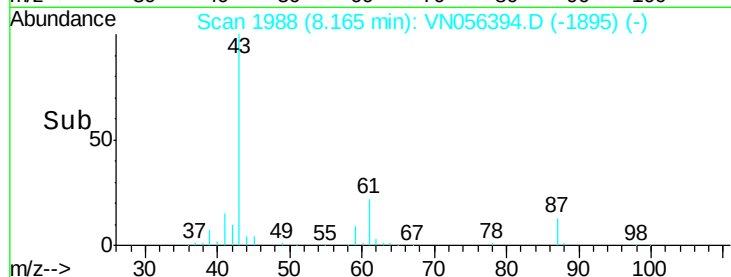
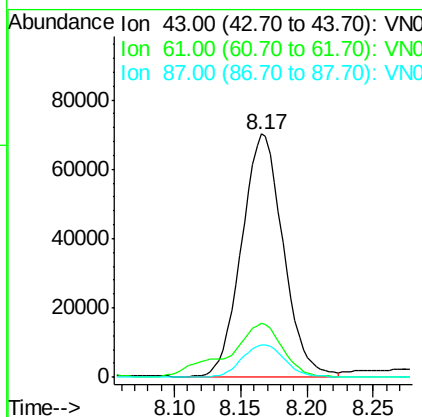
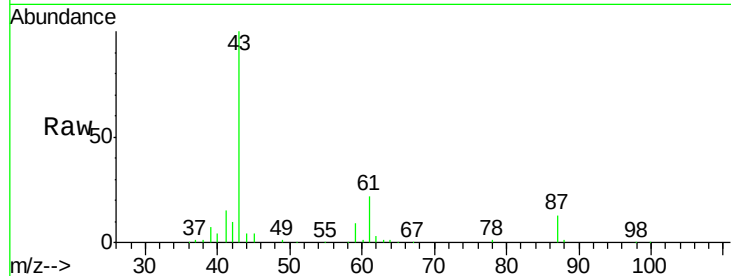
ClientSampleId :

VN0620WBS01

Tot Ion:	43	Resp:	152218
Ion	Ratio	Lower	Upper
43	100		
61	29.6	22.0	33.0
87	14.0	11.0	16.4

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#44

Trichloroethene

Concen: 19.840 ug/l

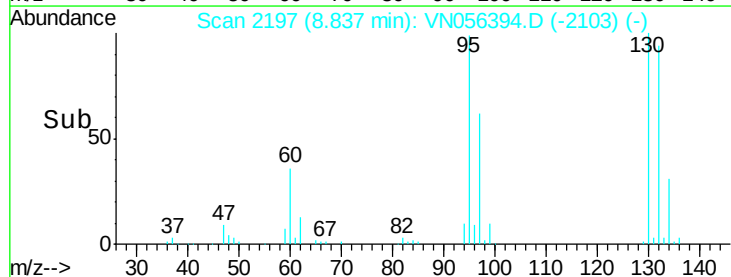
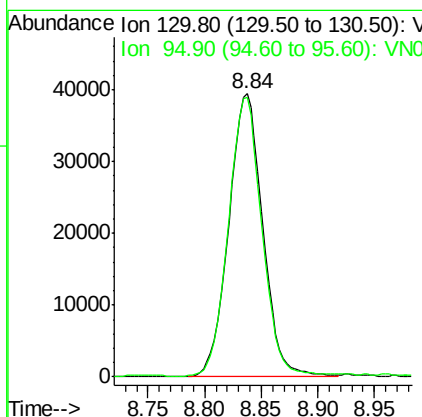
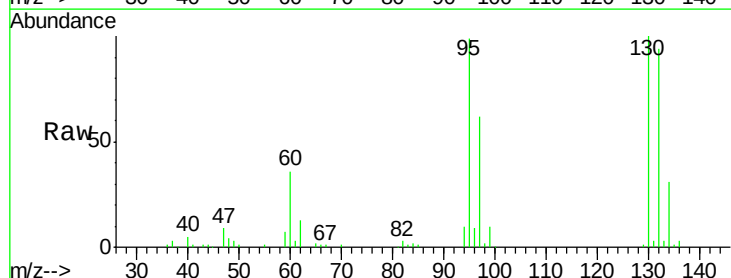
RT: 8.84 min Scan# 2197

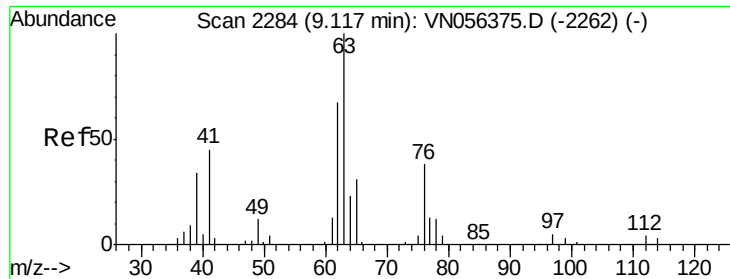
Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Tgt Ion:	130	Resp:	82657
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	191.0





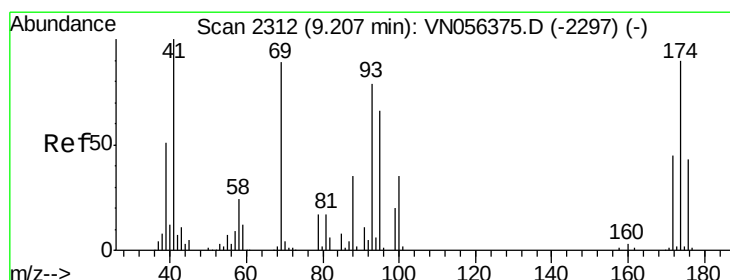
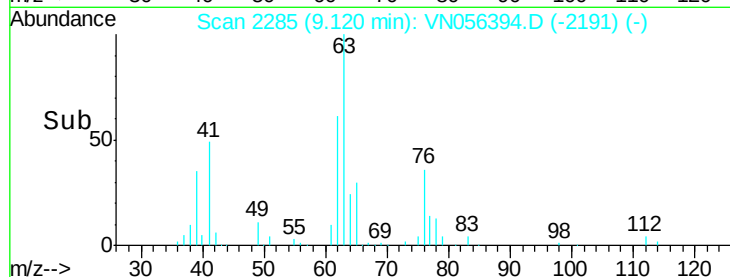
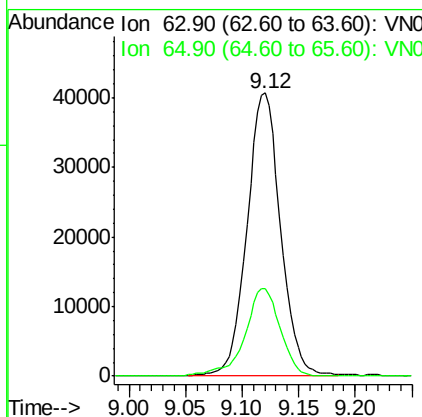
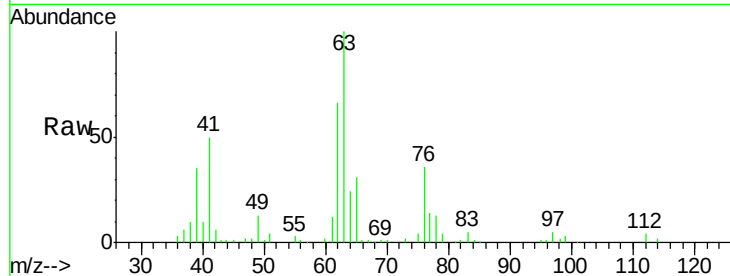
#45
 1,2-Dichloropropane
 Concen: 20.308 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Tot Ion: 63 Resp: 84000
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.6

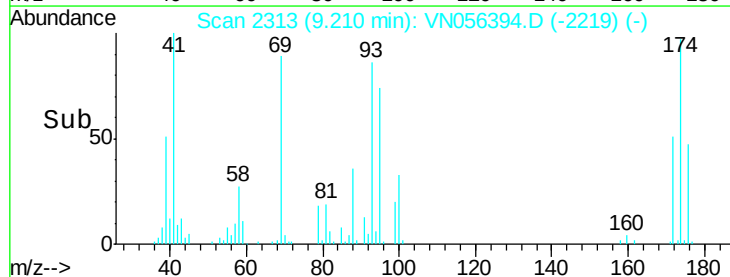
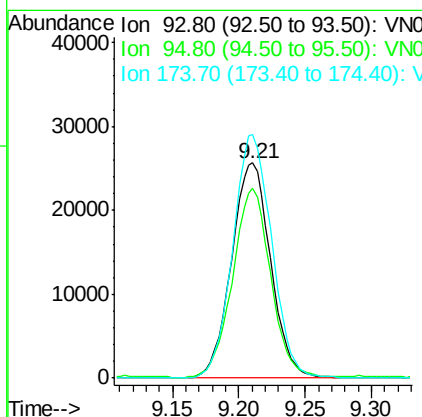
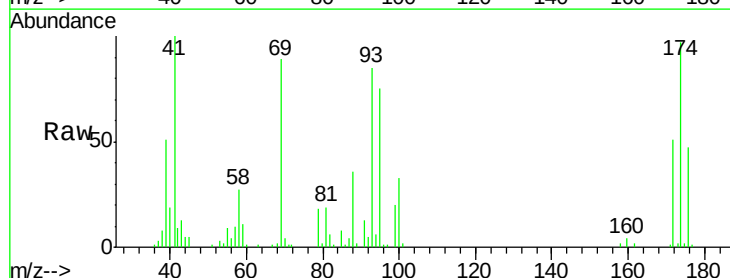
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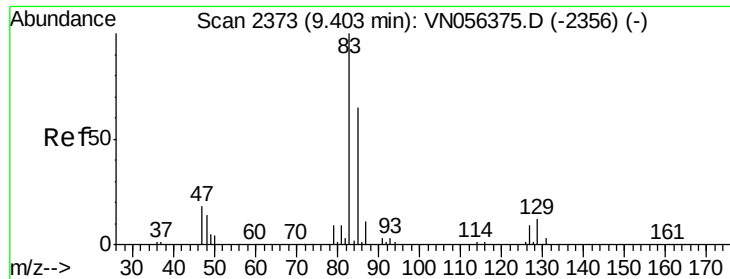
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#46
 Dibromomethane
 Concen: 20.352 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion: 93 Resp: 52668
 Ion Ratio Lower Upper
 93 100
 95 86.2 66.2 99.2
 174 112.2 90.8 136.2





#47

Bromodichloromethane

Concen: 19.896 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

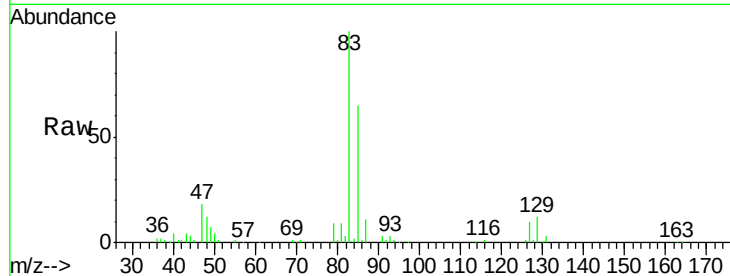
ClientSampleId :

VN0620WBS01

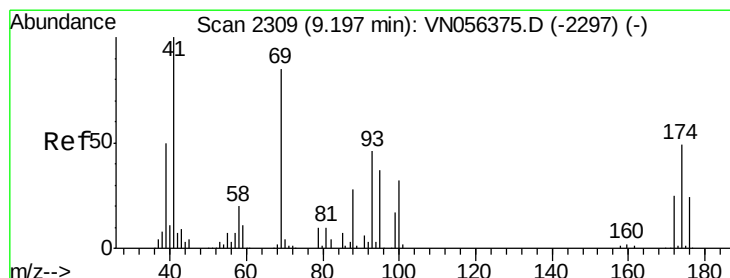
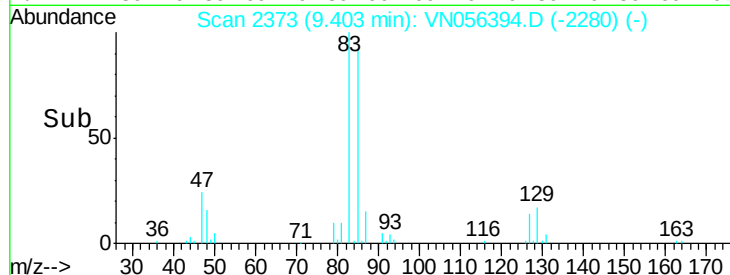
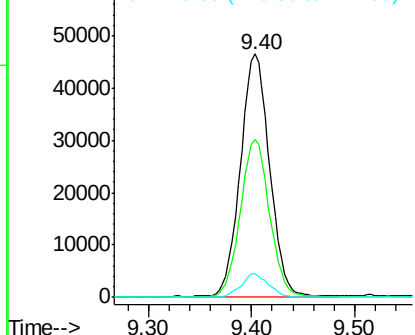
Tot Ion:	83	Resp:	91316
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.2	78.4
127	9.7	7.3	10.9

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.103 ug/l

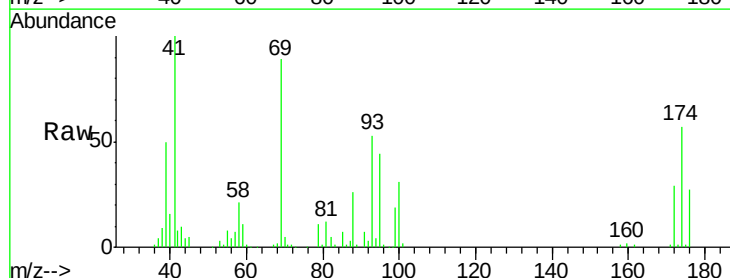
RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

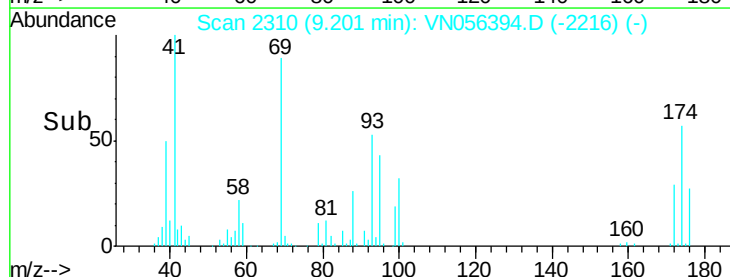
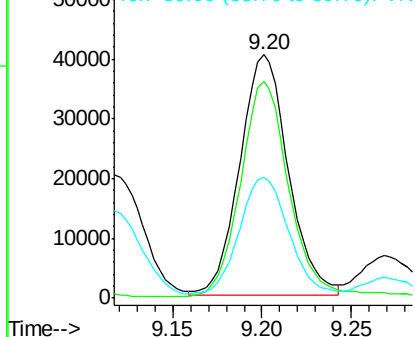
Lab File: VN056394.D

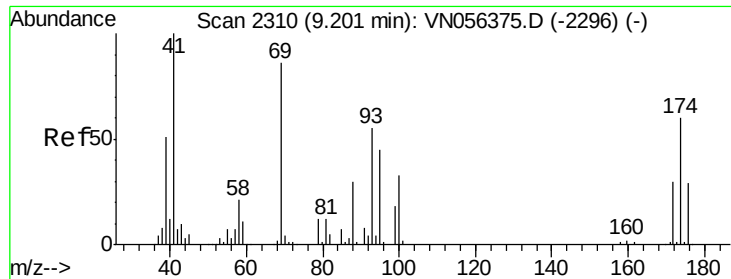
Acq: 20 Jun 2019 11:55

Tgt Ion:	41	Resp:	76757
Ion Ratio	Lower	Upper	
41	100		
69	89.5	72.6	109.0
39	52.3	42.6	63.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





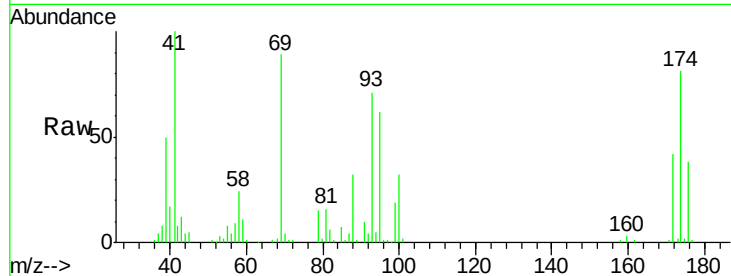
#49
1,4-Dioxane
Concen: 360.242 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

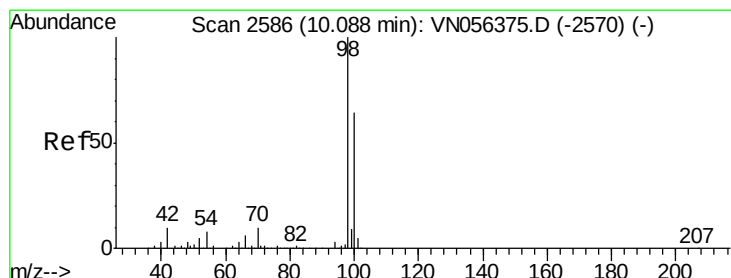
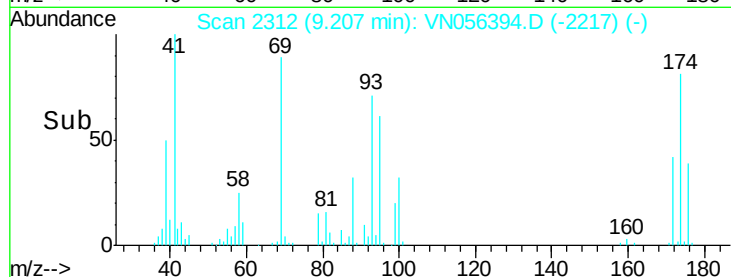
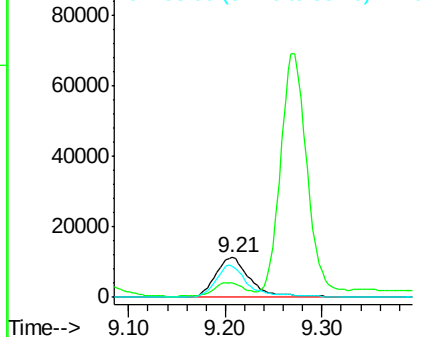
Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	22.0	33.0
58	76.0	51.8	77.8

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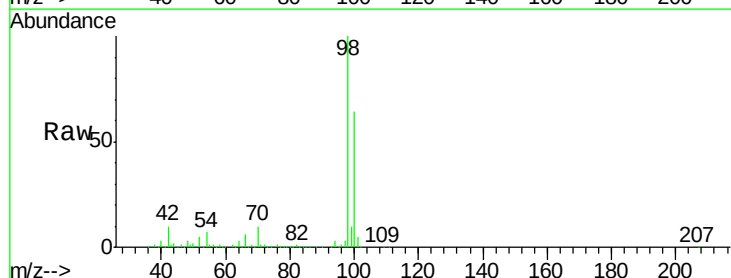


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

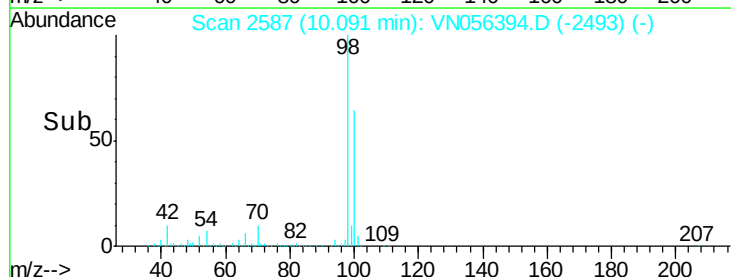
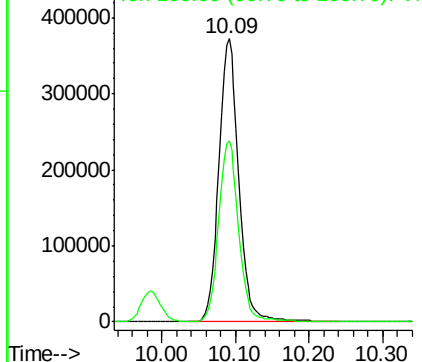


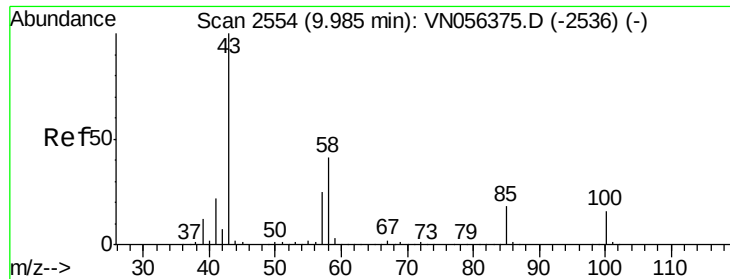
#50
Toluene-d8
Concen: 50.284 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.2	78.2



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





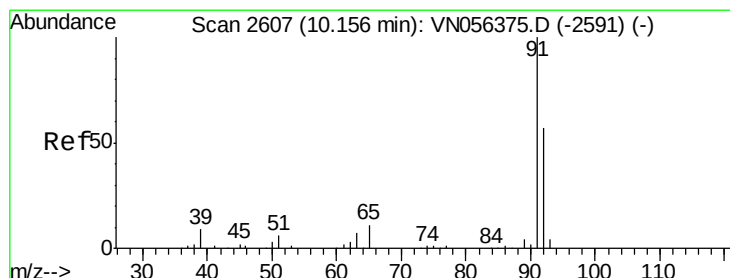
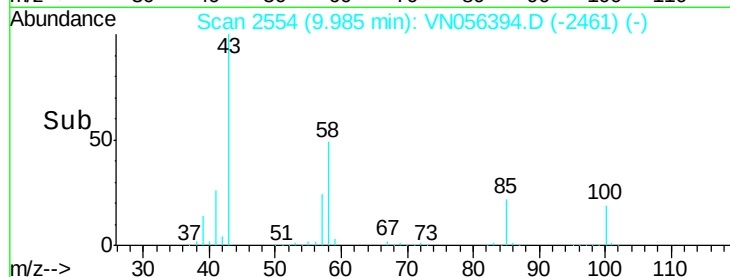
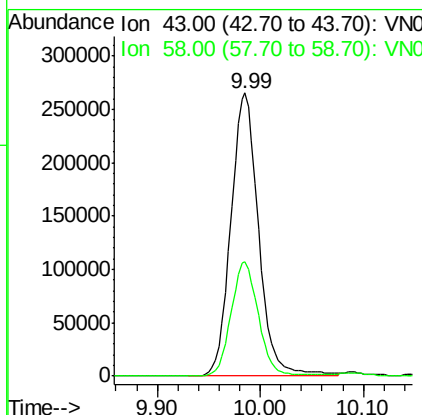
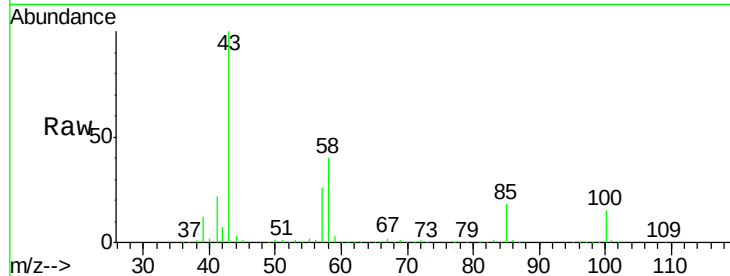
#51
4-Methyl-2-Pentanone
Concen: 100.527 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.8	47.8

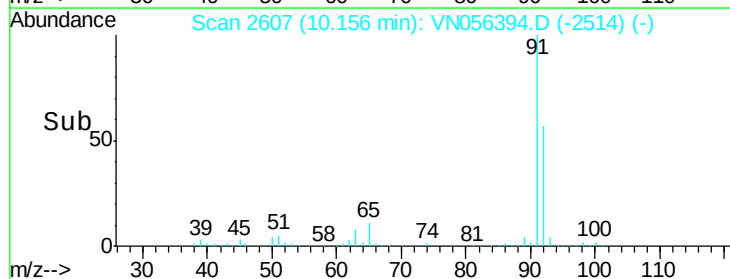
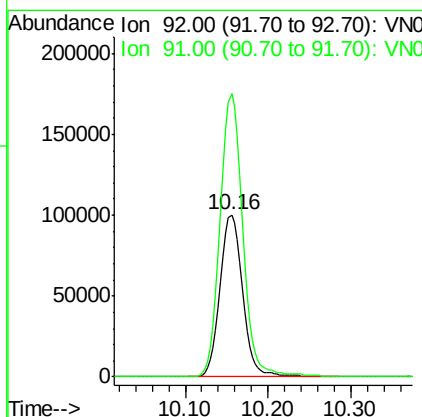
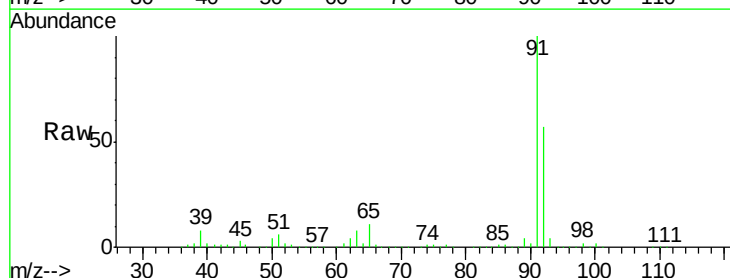
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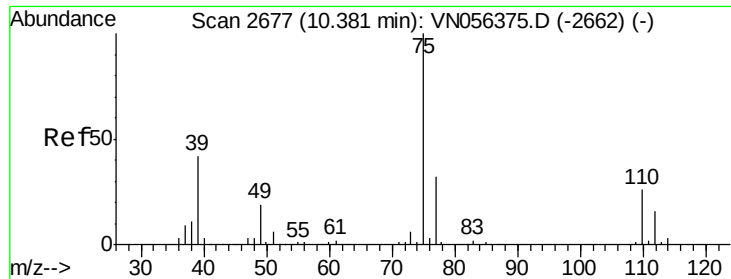
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#52
Toluene
Concen: 20.101 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.2	140.6	211.0





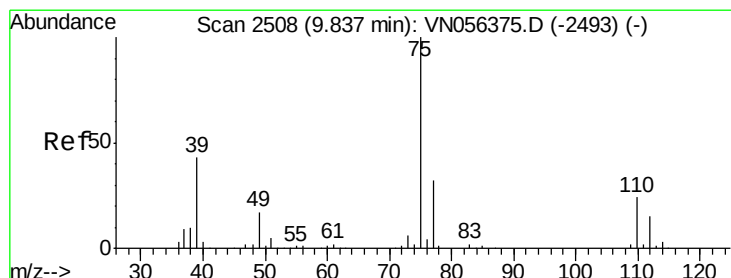
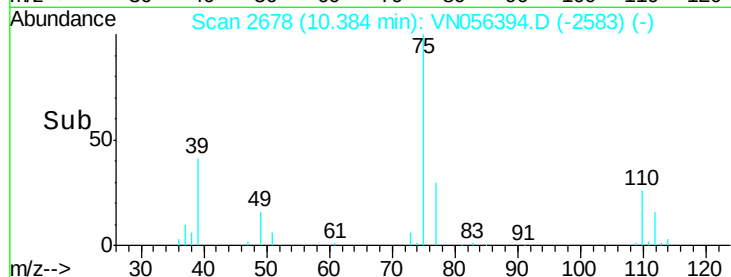
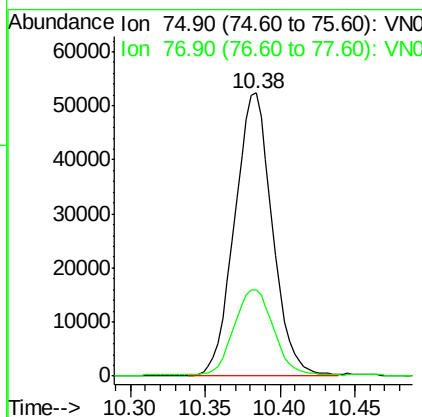
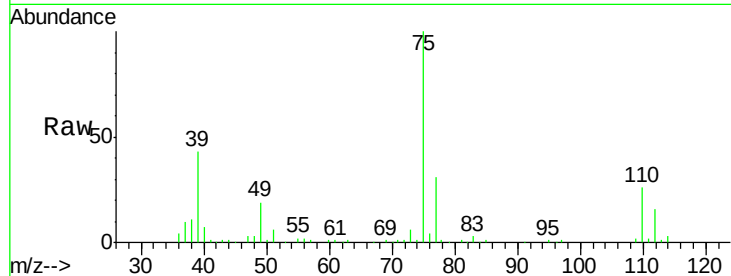
#53
t-1,3-Dichloropropene
Concen: 19.141 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tot Ion: 75 Resp: 92194
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.2

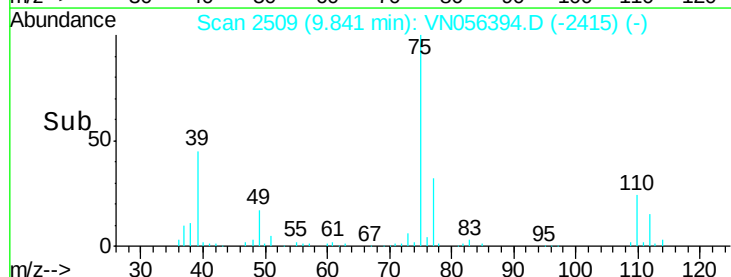
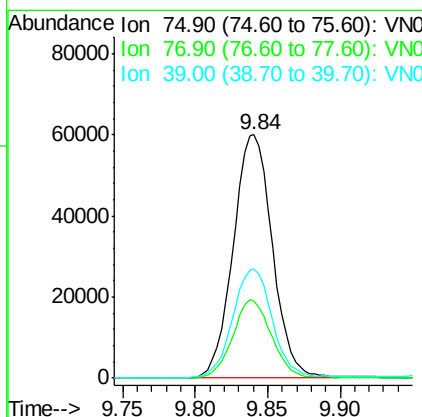
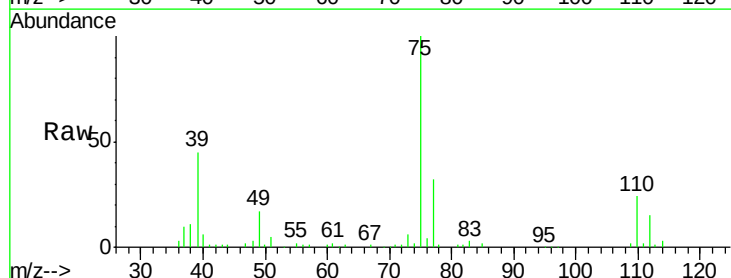
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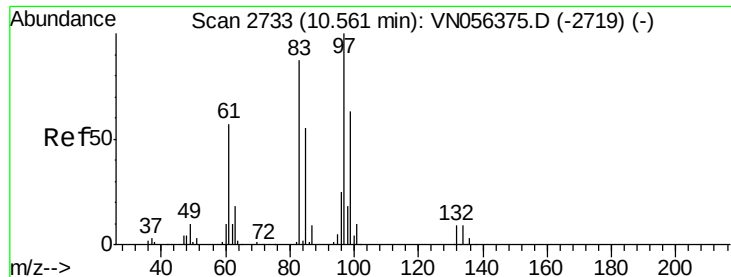
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#54
cis-1,3-Dichloropropene
Concen: 20.389 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion: 75 Resp: 112687
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 44.8 34.2 51.4





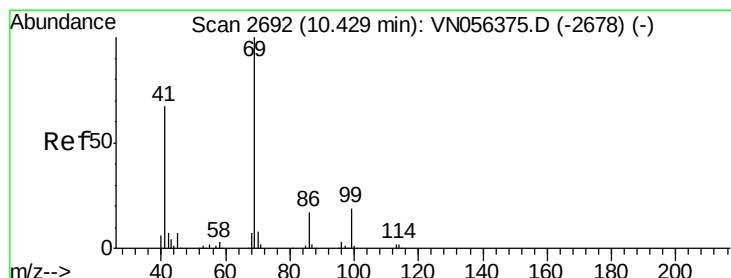
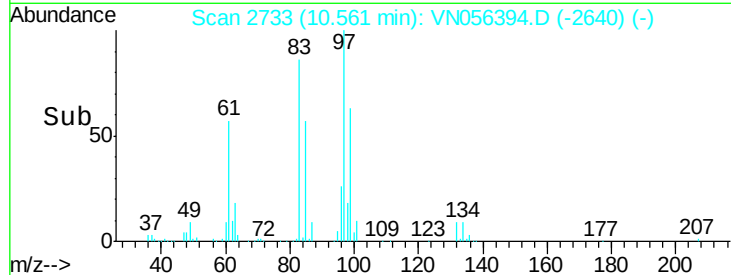
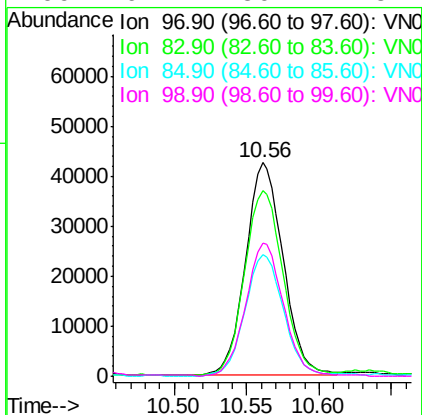
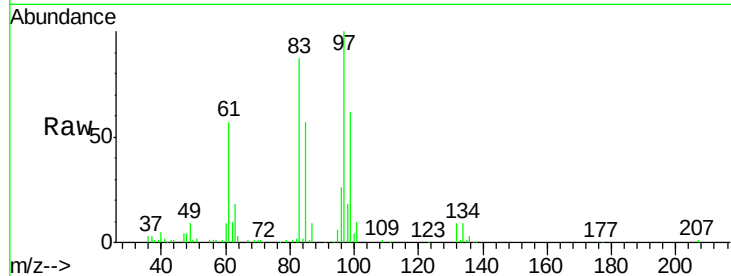
#55
 1,1,2-Trichloroethane
 Concen: 20.046 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Tot Ion:	97	Resp:	76190
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.8	104.6
85	57.2	43.8	65.8
99	62.1	50.2	75.2

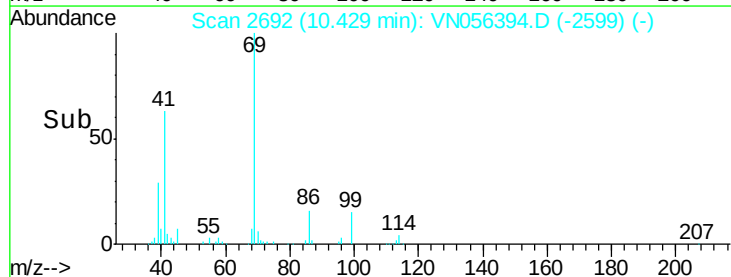
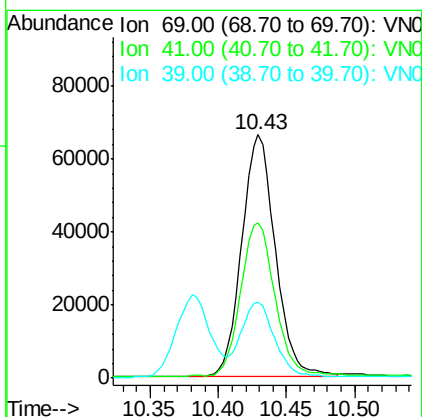
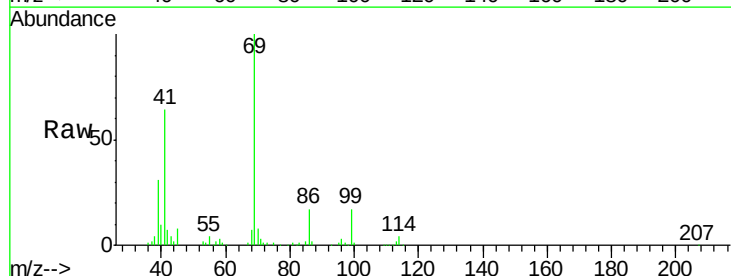
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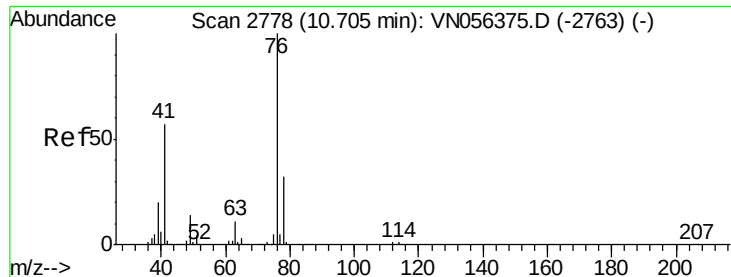
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#56
 Ethyl methacrylate
 Concen: 20.446 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion:	69	Resp:	113569
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.4	77.2
39	30.8	24.7	37.1





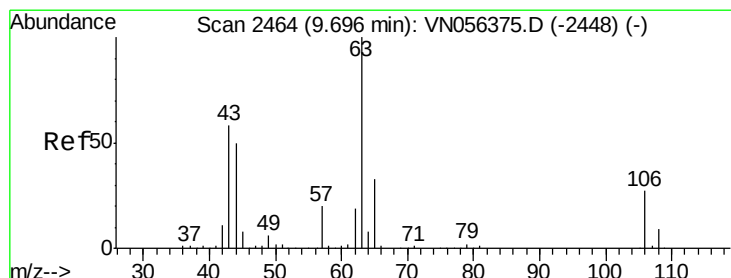
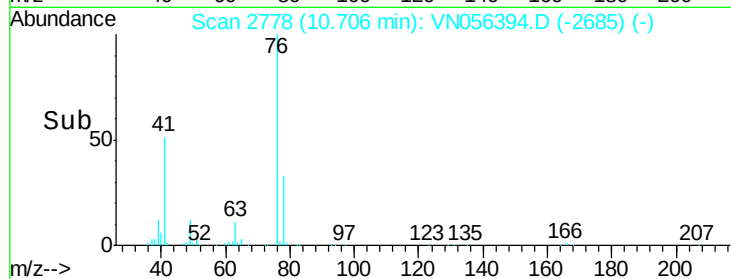
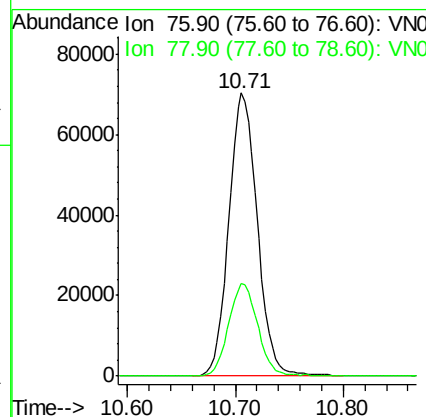
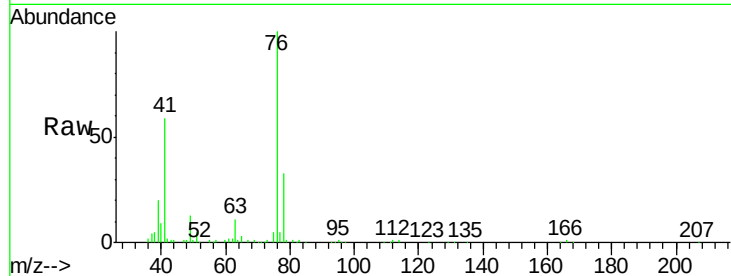
#57
 1,3-Dichloropropane
 Concen: 20.266 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0620WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.5	25.9	38.9

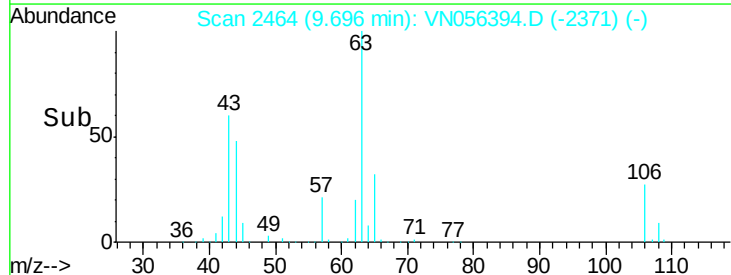
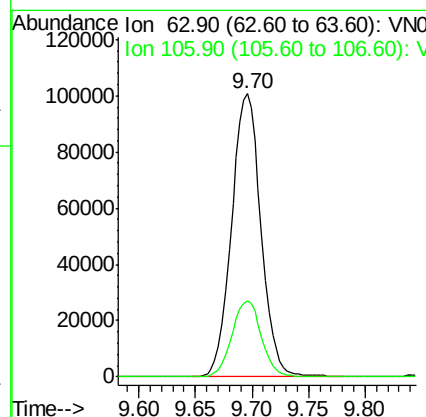
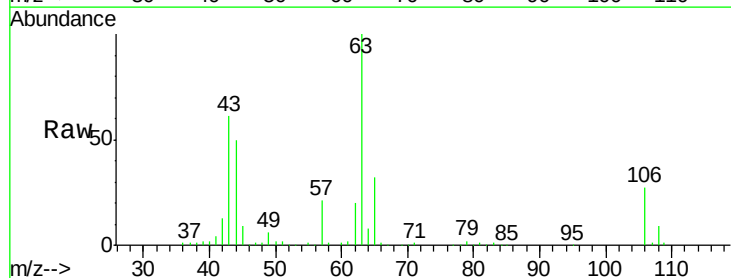
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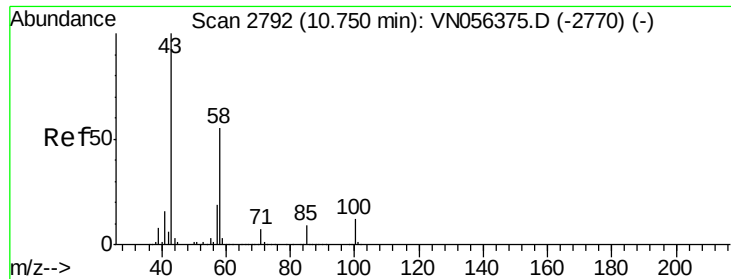
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#58
 2-Chloroethyl Vinyl ether
 Concen: 91.137 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.6	32.4





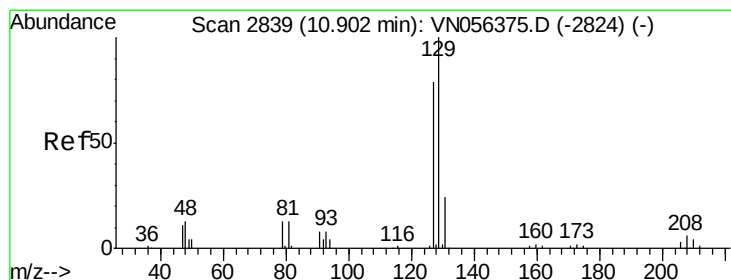
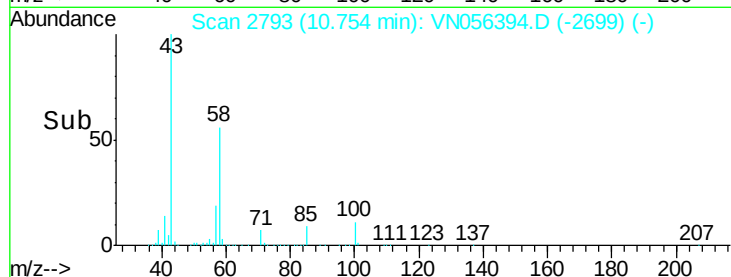
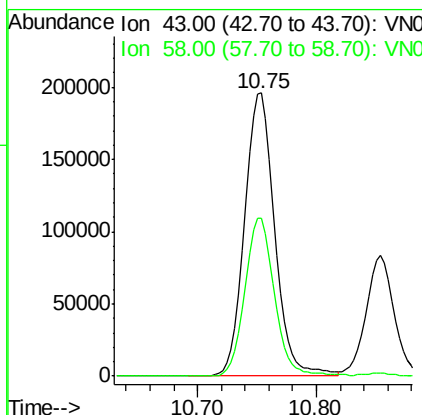
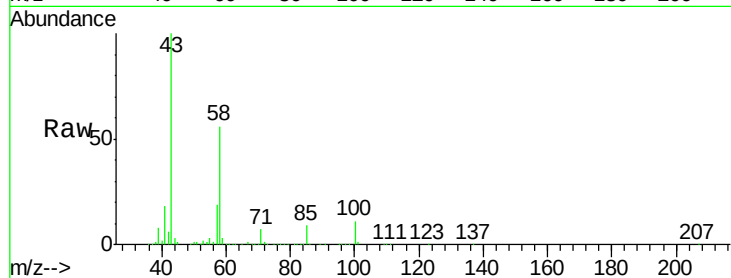
#59
2-Hexanone
Concen: 94.553 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tot Ion: 43 Resp: 341753
Ion Ratio Lower Upper
43 100
58 55.2 27.8 83.4

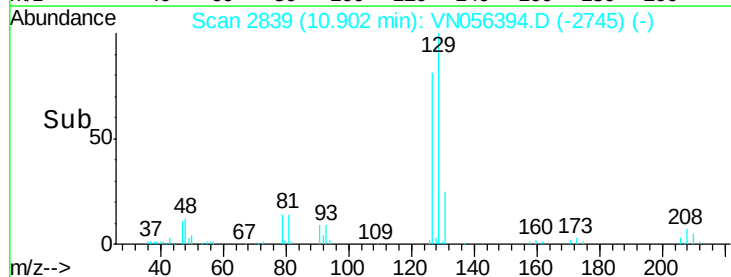
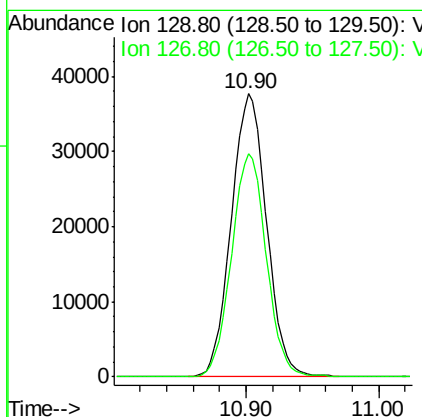
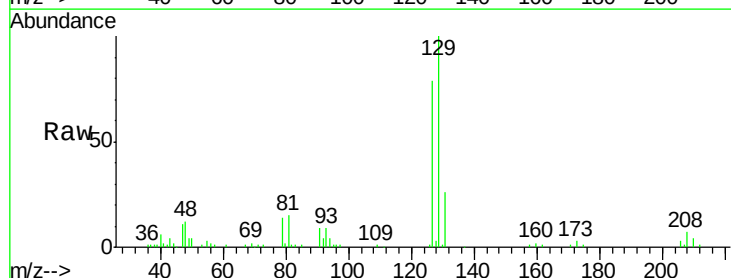
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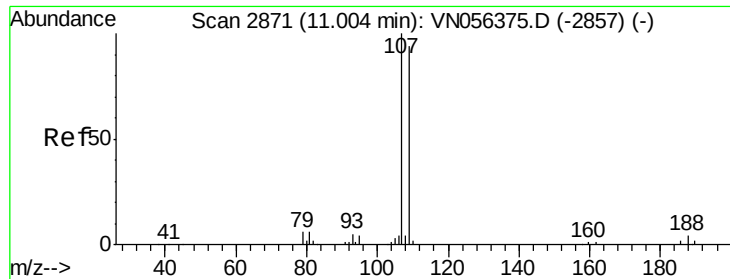
MMDadoda
6/21/2019 10:50:31 PM



#60
Dibromochloromethane
Concen: 19.381 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion: 129 Resp: 69733
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





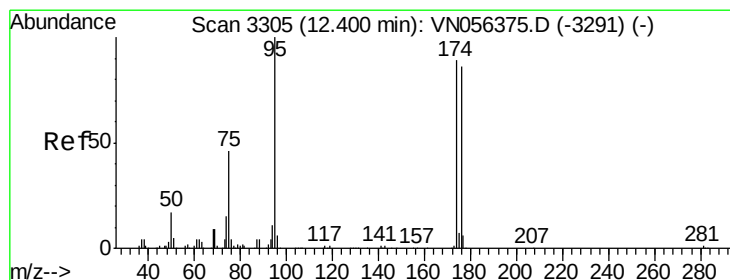
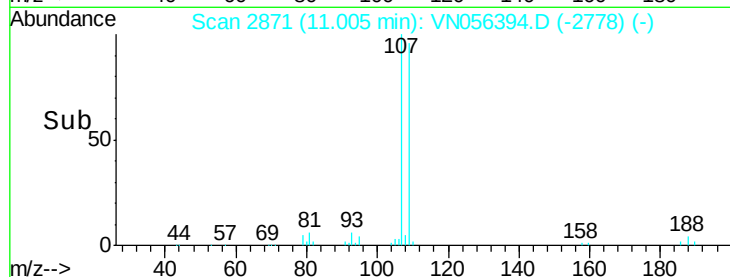
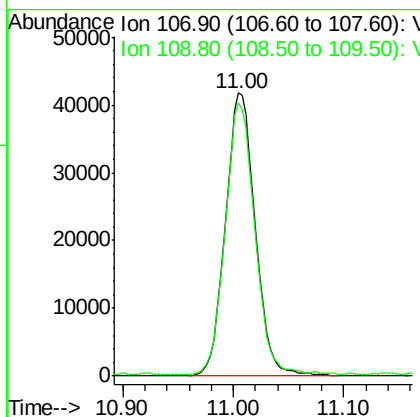
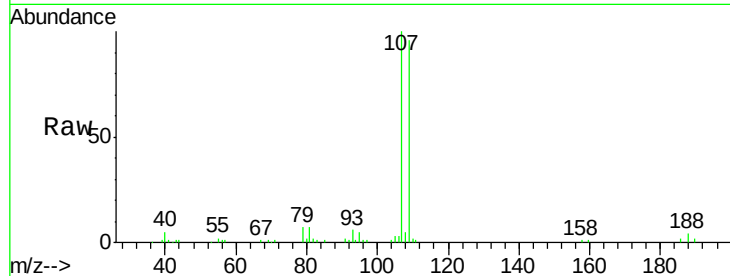
#61
 1,2-Dibromoethane
 Concen: 20.169 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Tot Ion:107 Resp: 78296
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.3 112.9

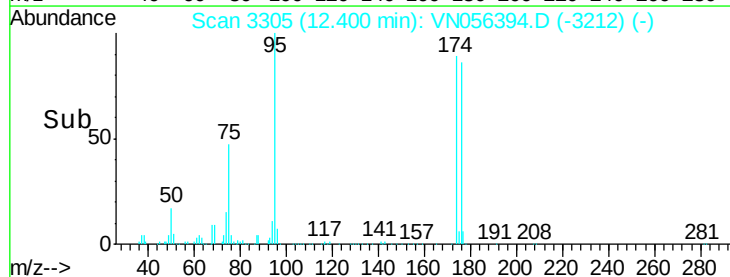
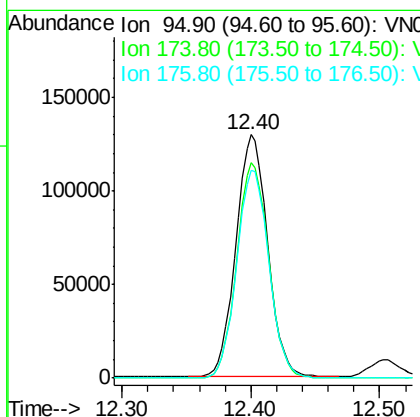
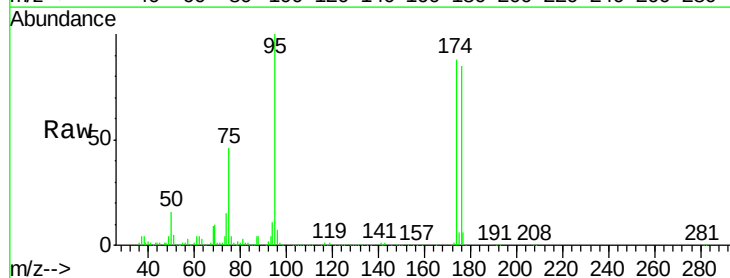
Manual Integrations
 APPROVED

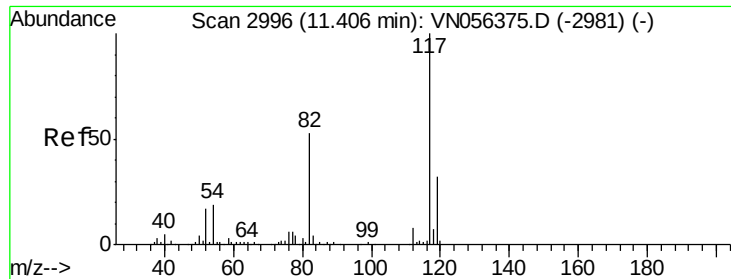
MMDadoda
 6/21/2019 10:50:31 PM



#62
 4-Bromofluorobenzene
 Concen: 47.797 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion: 95 Resp: 220941
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 179.4
 176 87.4 0.0 173.4





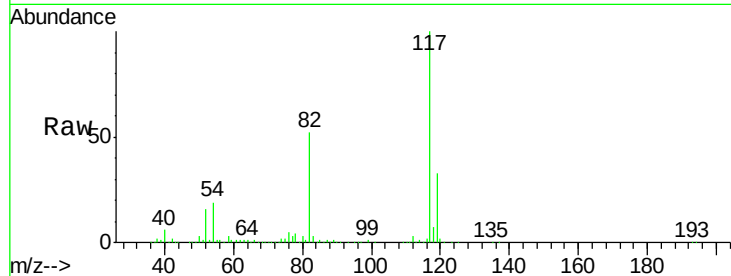
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

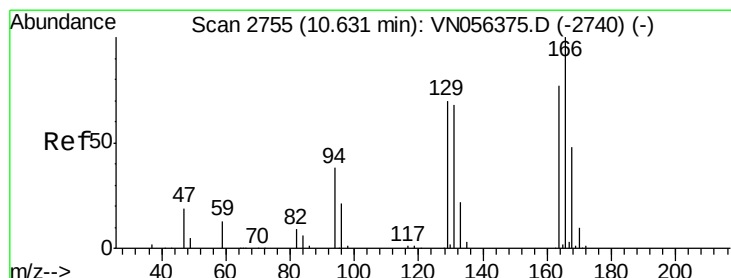
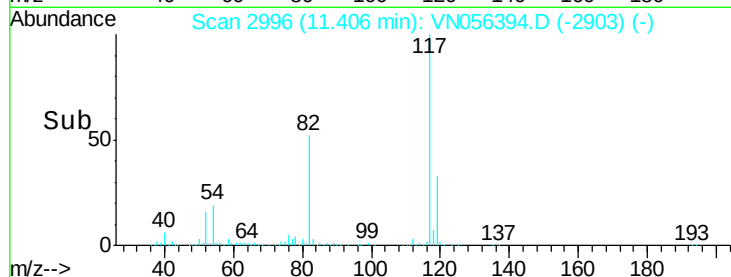
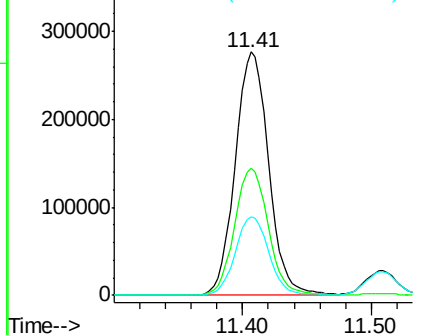
Tot Ion	Ratio	Resp	Lower	Upper
117	100	498886		
82	52.4		42.0	63.0
119	32.5		25.3	37.9

Manual Integrations
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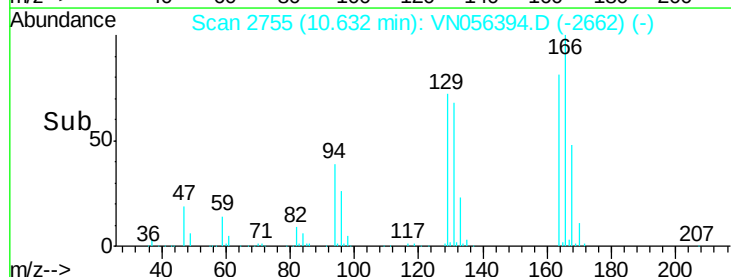
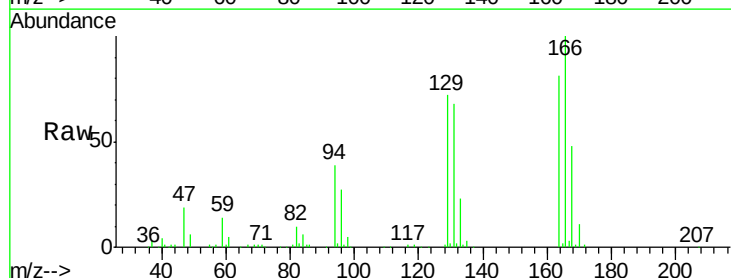
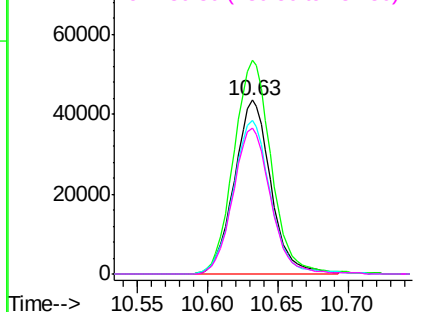
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

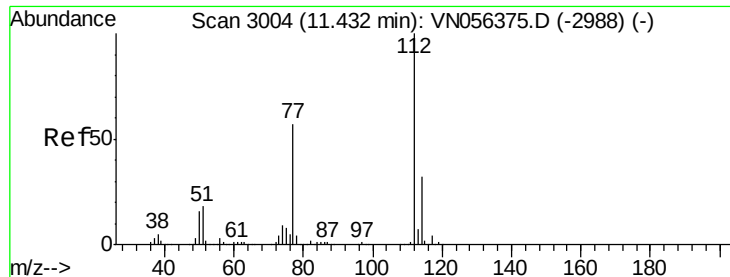


#64
Tetrachloroethene
Concen: 20.009 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	79052		
166	122.9		103.4	155.0
129	88.4		72.0	108.0
131	84.0		70.2	105.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.956 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tot Ion:112 Resp: 200046

Ion Ratio Lower Upper

112 100

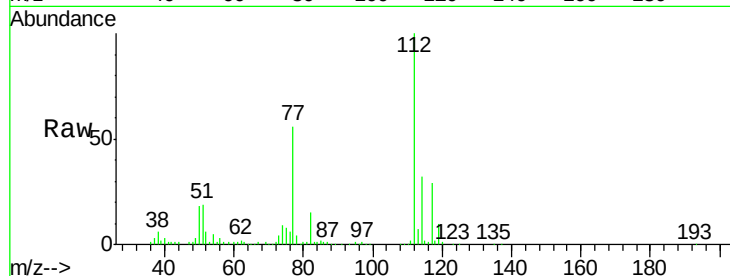
114 31.9 25.4 38.2

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

120000

100000

80000

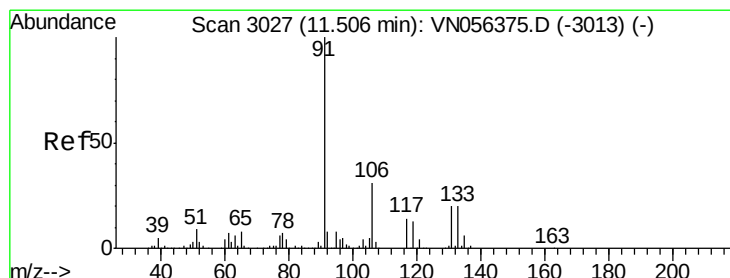
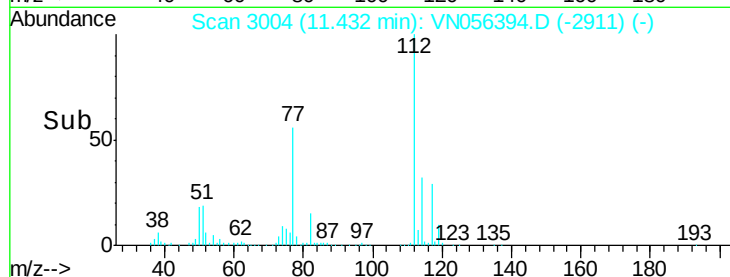
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.784 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

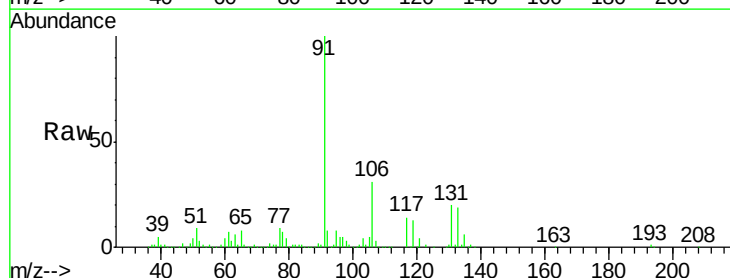
Tgt Ion:131 Resp: 70415

Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.2

119 66.7 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

80000

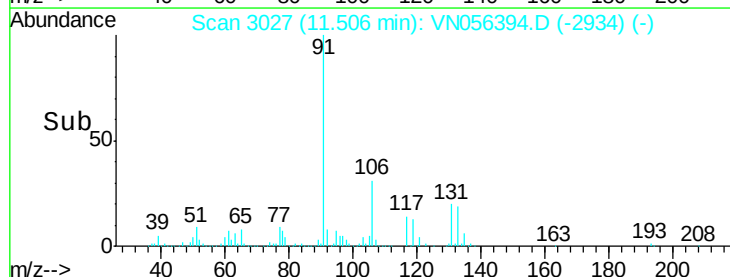
60000

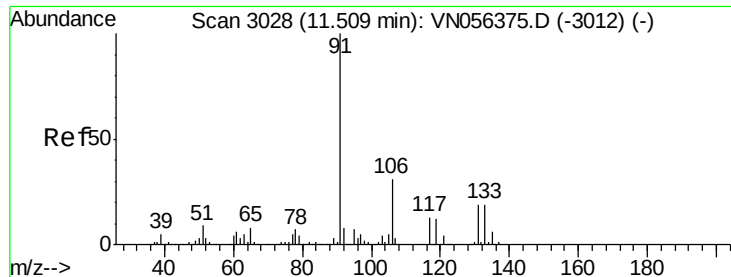
40000

20000

0

Time-->





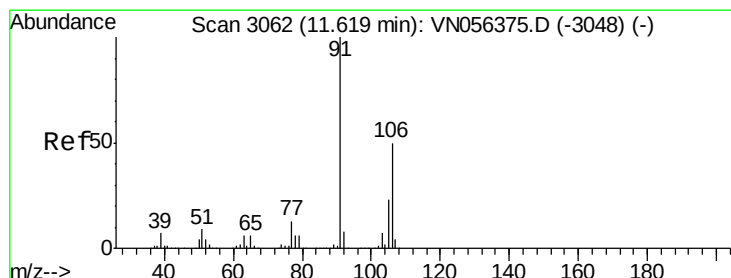
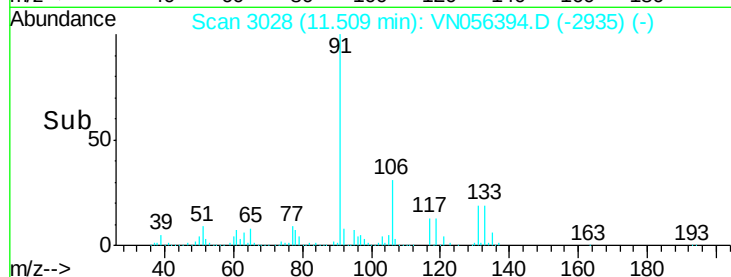
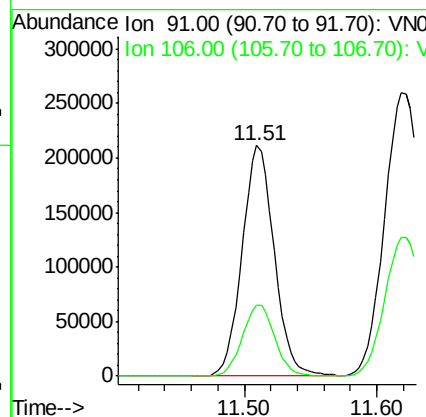
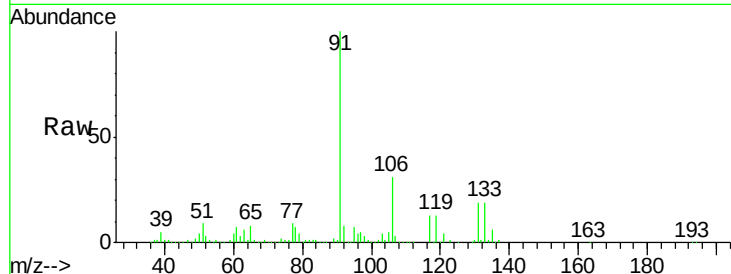
#67
Ethyl Benzene
Concen: 20.152 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampled :
VN0620WBS01

Tot Ion: 91 Resp: 354702
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7

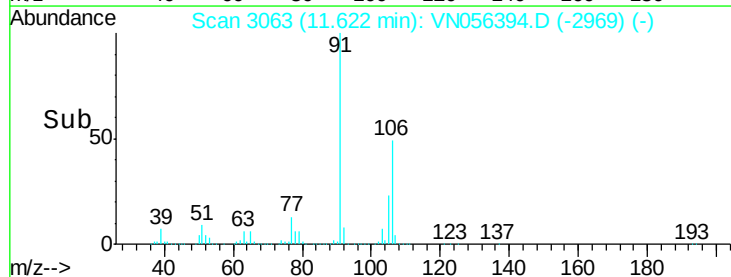
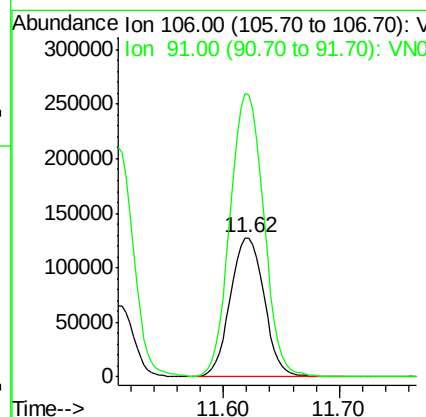
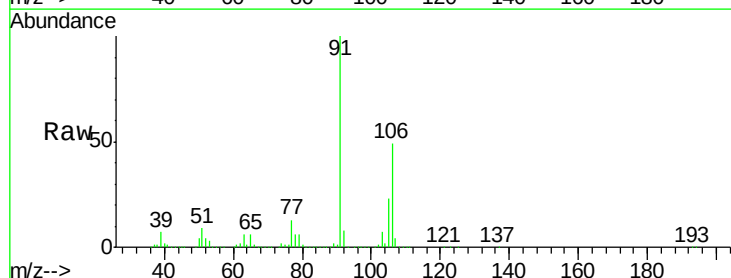
Manual Integrations
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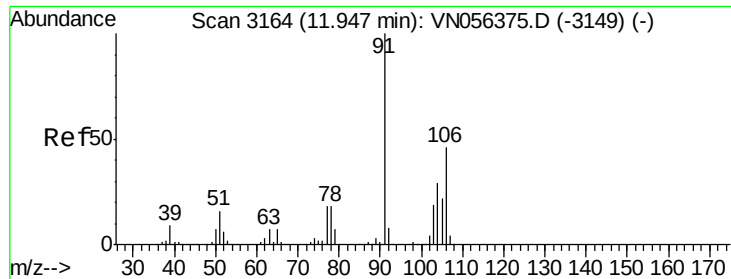
MMDadoda
6/21/2019 10:50:31 PM



#68
m/p-Xylenes
Concen: 39.999 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion: 106 Resp: 258017
Ion Ratio Lower Upper
106 100
91 201.7 160.1 240.1





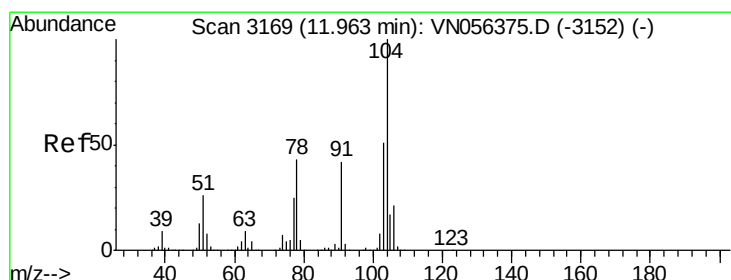
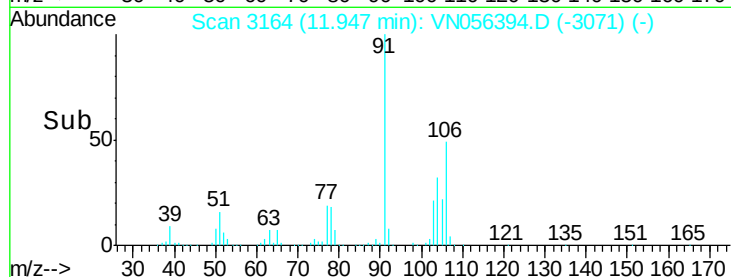
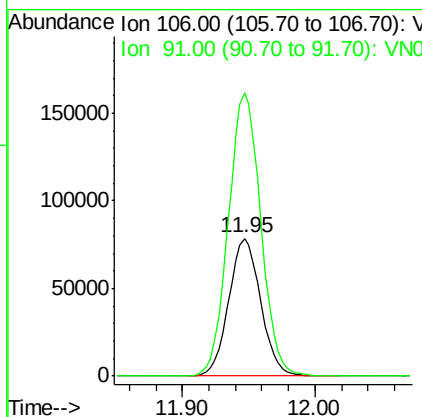
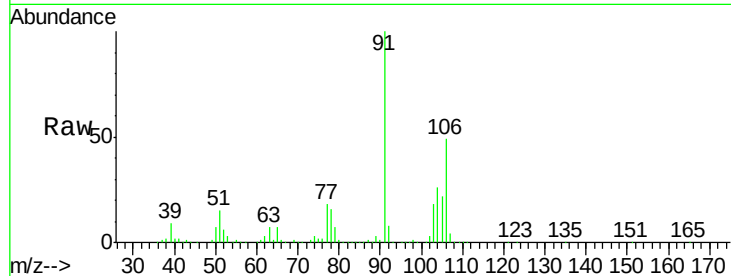
#69
o-Xylene
Concen: 20.592 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tot Ion:106 Resp: 131412
Ion Ratio Lower Upper
106 100
91 207.4 107.1 321.3

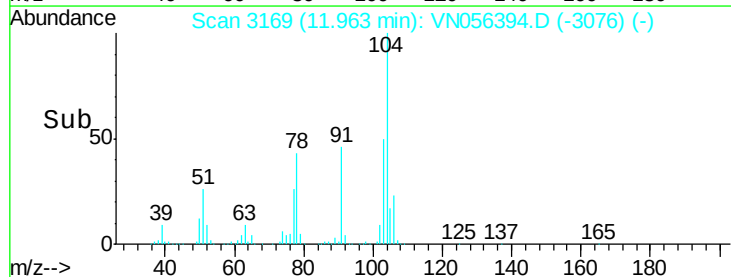
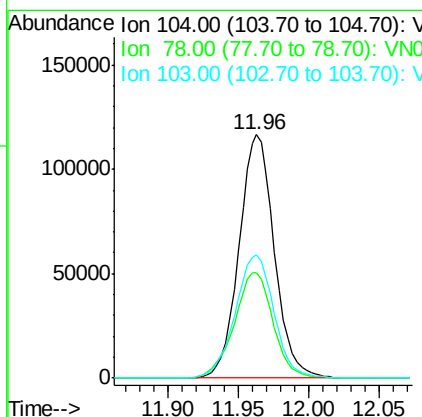
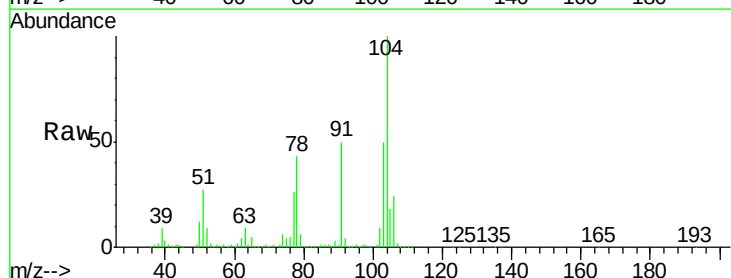
Manual Integrations
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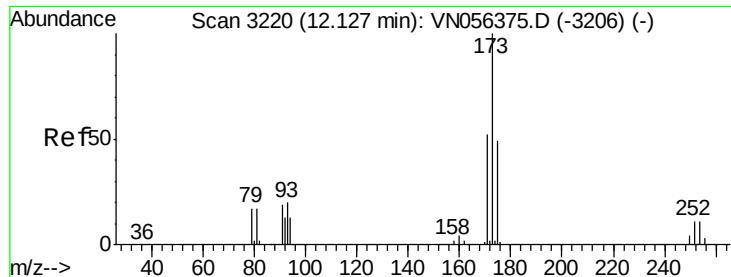
MMDadoda
6/21/2019 10:50:31 PM



#70
Styrene
Concen: 20.018 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion:104 Resp: 204197
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 55.6 43.9 65.9





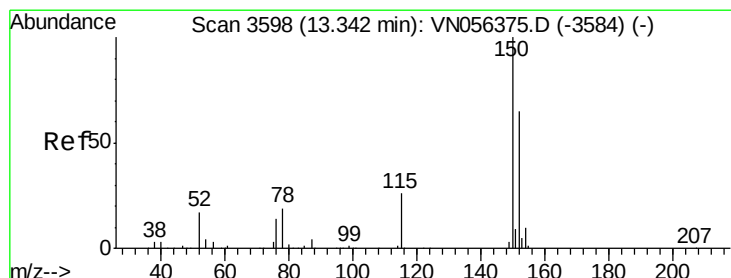
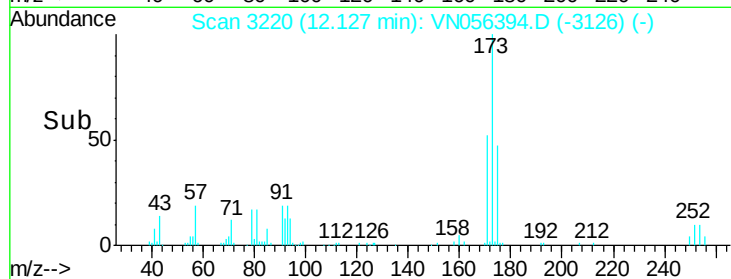
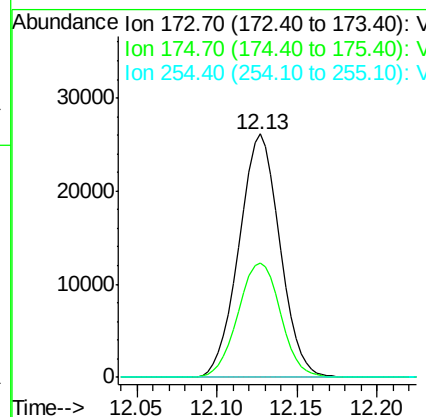
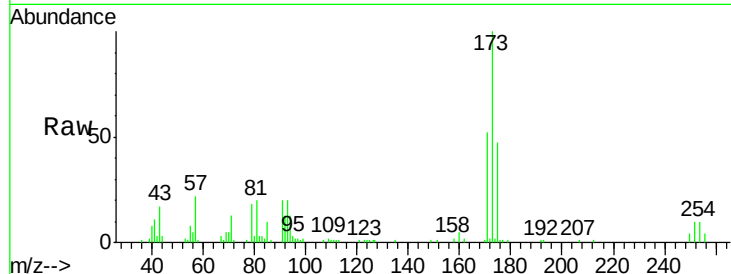
#71
Bromoform
Concen: 18.738 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.0	0.0	0.0

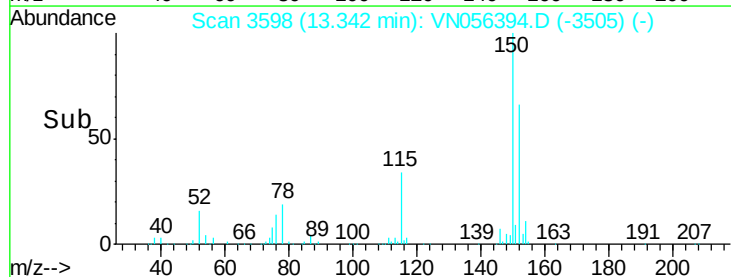
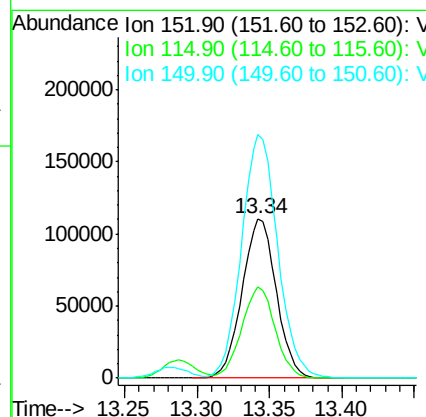
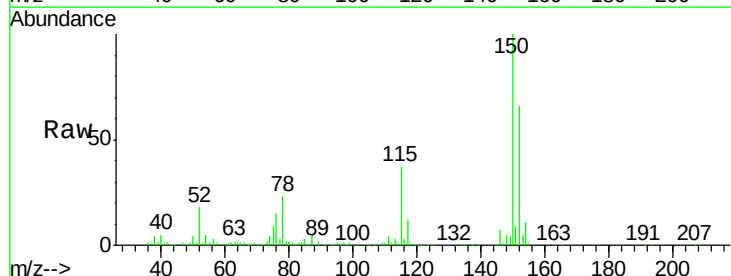
Manual Integrations
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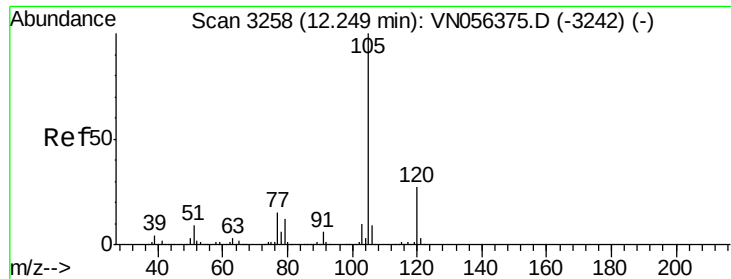
MMDadoda
6/21/2019 10:50:31 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056394.D
Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.1	84.4
150	161.5	0.0	348.4





#73

Isopropylbenzene

Concen: 23.898 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tot Ion:105 Resp: 344169

Ion Ratio Lower Upper

105 100

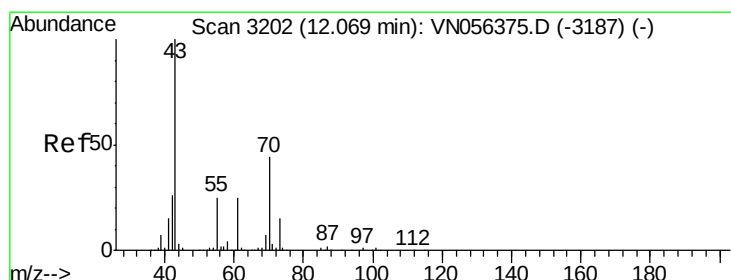
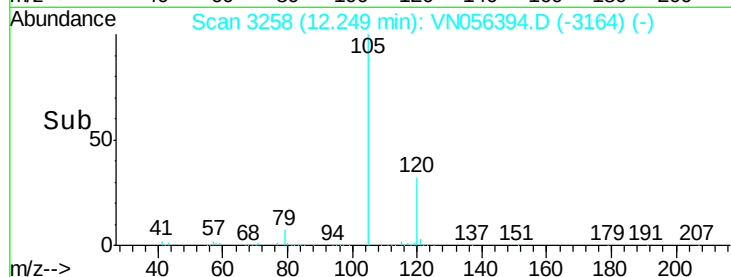
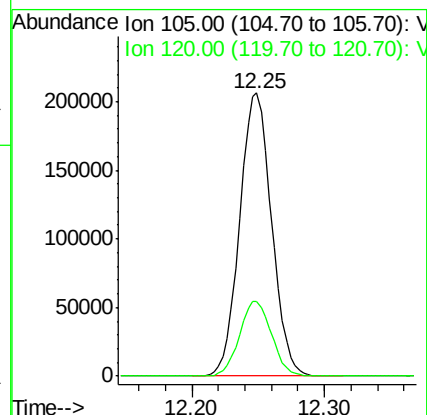
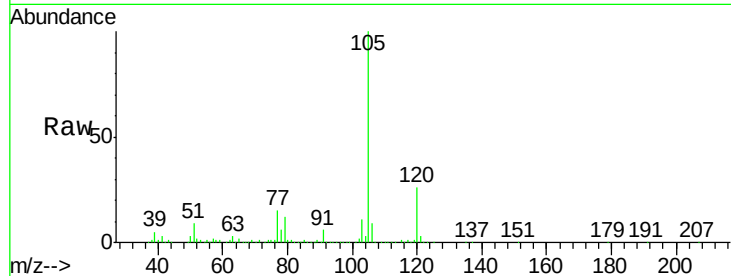
120 26.5 13.4 40.2

Manual Integrations

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MMDadoda

6/21/2019 10:50:31 PM



#74

N-ethyl acetate

Concen: 20.874 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Tgt Ion: 43 Resp: 120317

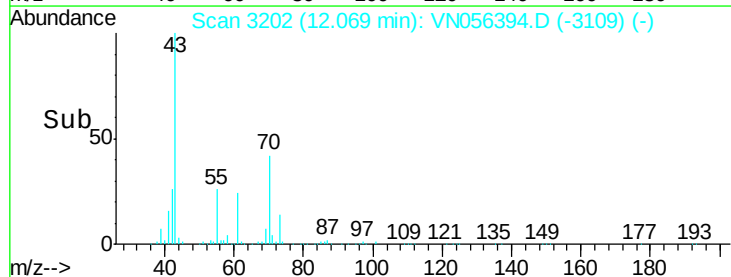
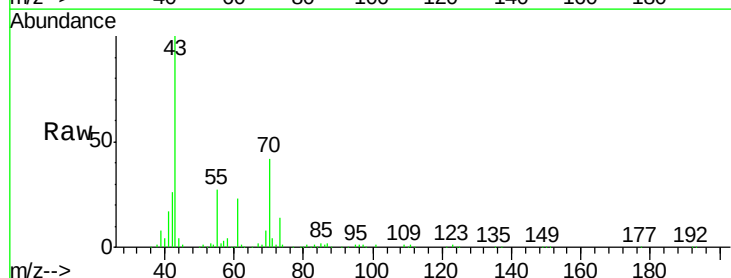
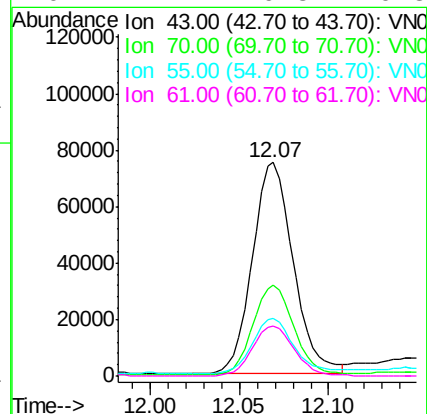
Ion Ratio Lower Upper

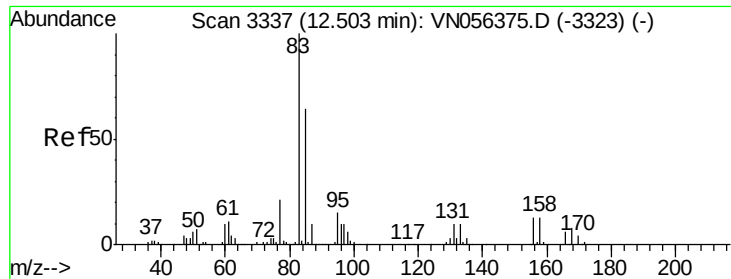
43 100

70 43.0 34.9 52.3

55 26.0 20.4 30.6

61 24.1 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.985 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

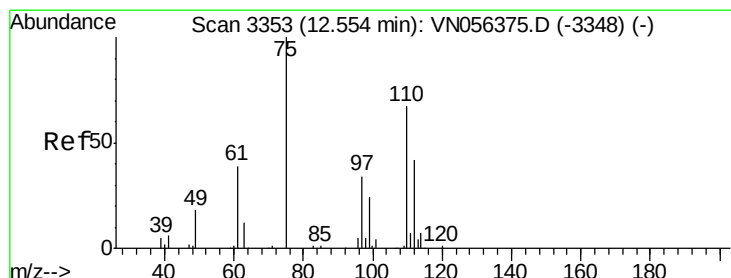
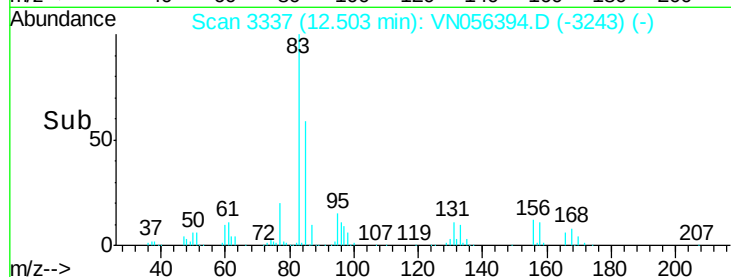
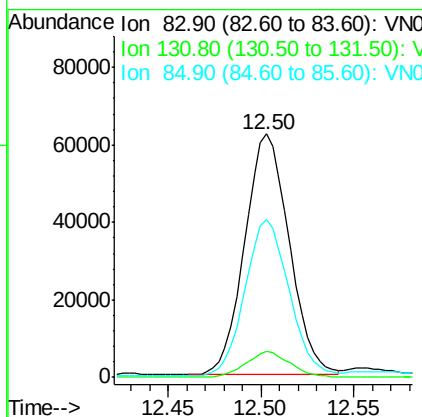
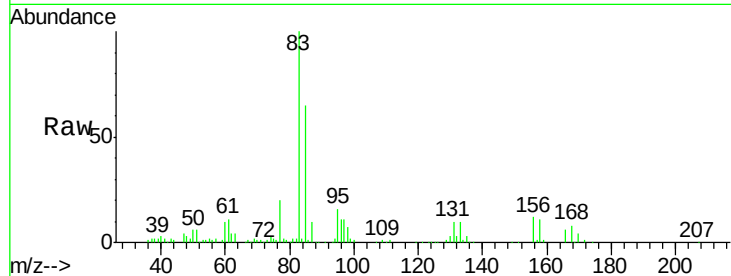
ClientSampled :

VN0620WBS01

Tot Ion:	83	Resp:	103791
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	15.8
85	64.6	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.912 ug/l m

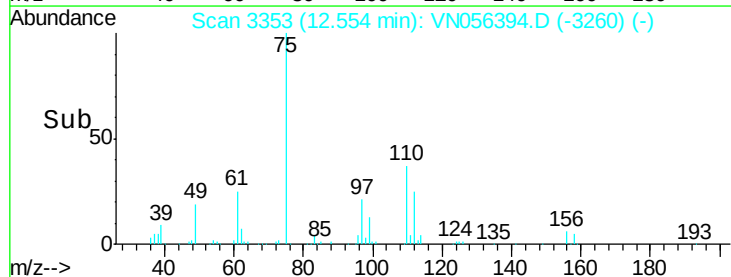
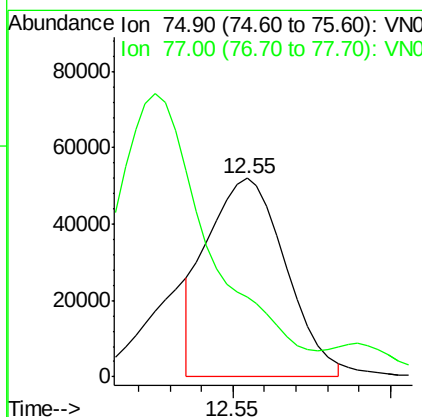
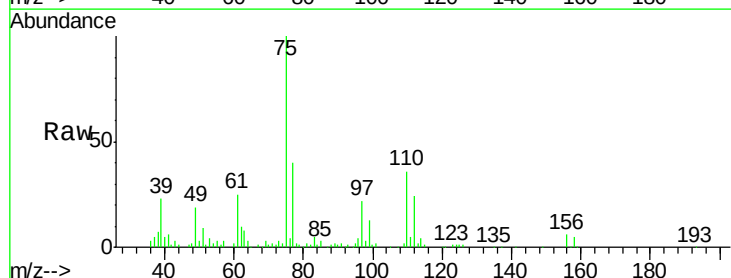
RT: 12.55 min Scan# 3353

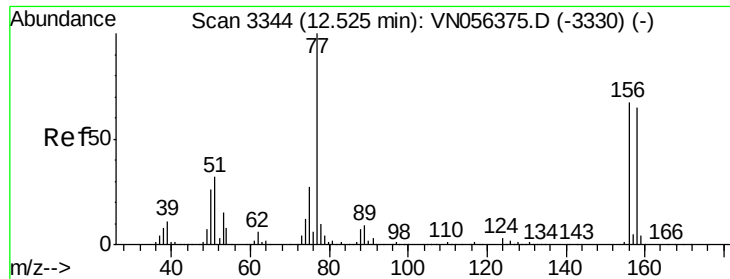
Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Tgt Ion:	75	Resp:	89797
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.928 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

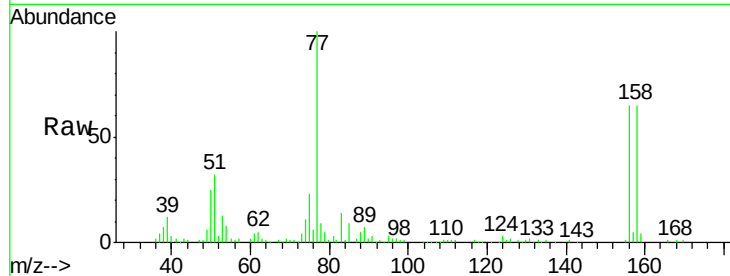
ClientSampleId :

VN0620WBS01

Tot Ion:	156	Resp:	84747
Ion Ratio	Lower	Upper	
156	100		
77	188.0	92.5	277.3
158	98.0	48.7	146.1

Manual Integrations
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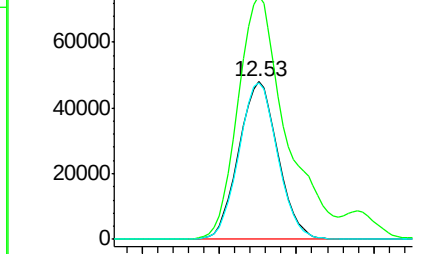
MMDadoda
6/21/2019 10:50:31 PM



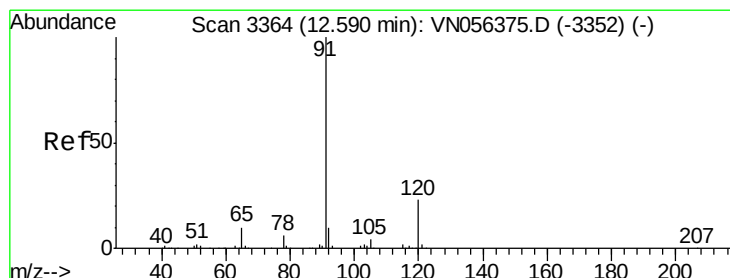
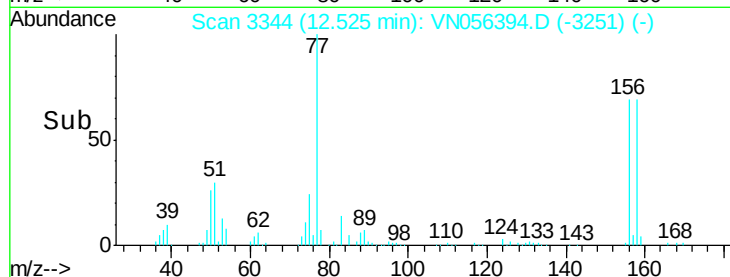
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 21.383 ug/l

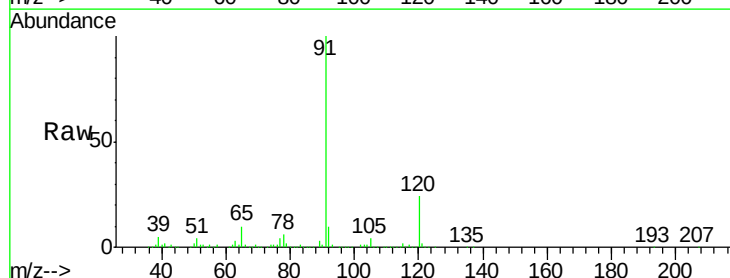
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056394.D

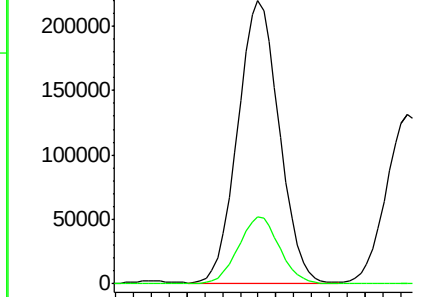
Acq: 20 Jun 2019 11:55

Tgt Ion:	91	Resp:	354636
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4

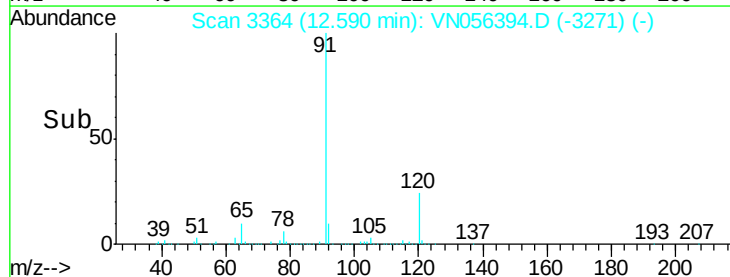


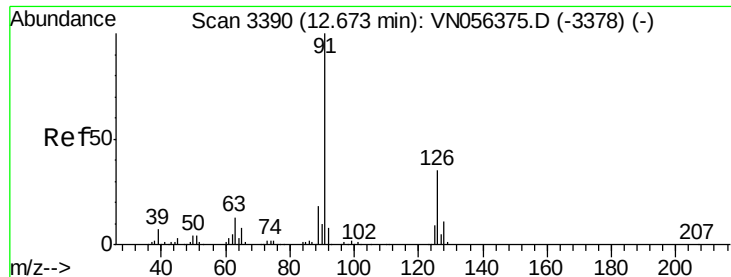
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 22.859 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampled :

VN0620WBS01

Tot Ion: 91 Resp: 220371

Ion Ratio Lower Upper

91 100

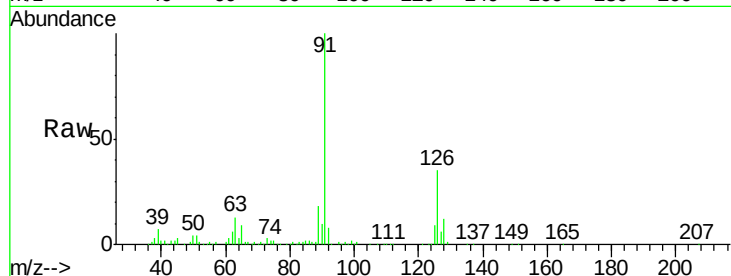
126 35.7 17.6 52.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN056375.D (-3378) (-)

200000

150000

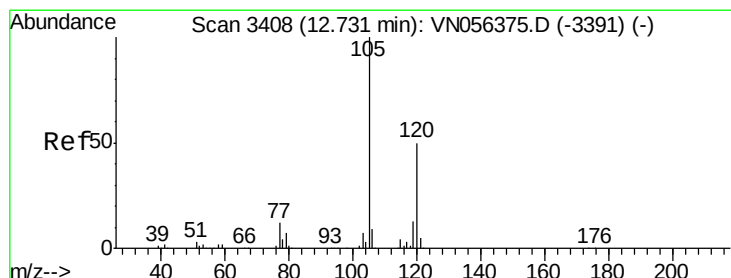
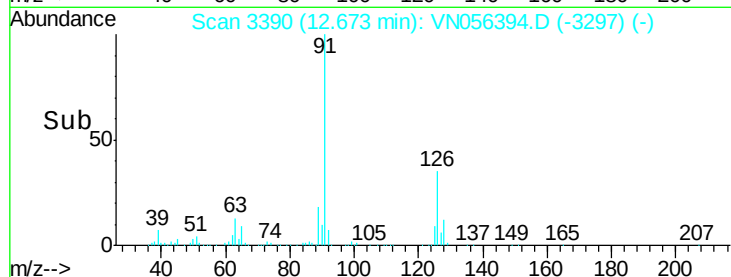
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 23.114 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056394.D

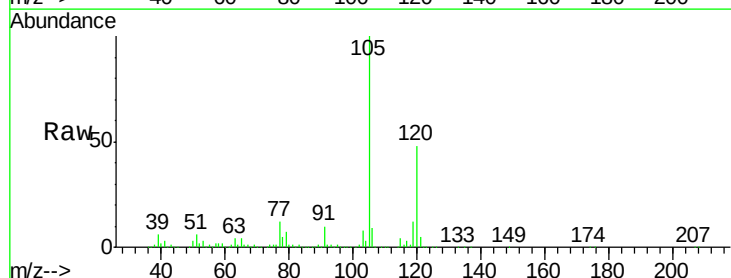
Acq: 20 Jun 2019 11:55

Tgt Ion: 105 Resp: 277298

Ion Ratio Lower Upper

105 100

120 48.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056375.D (-3391) (-)

200000

150000

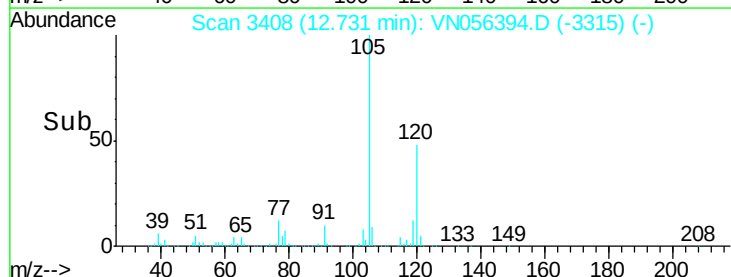
100000

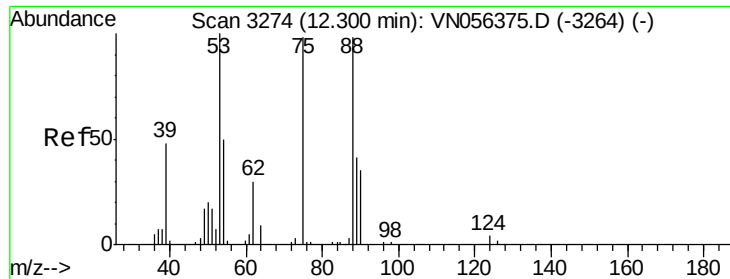
50000

0

12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.209 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

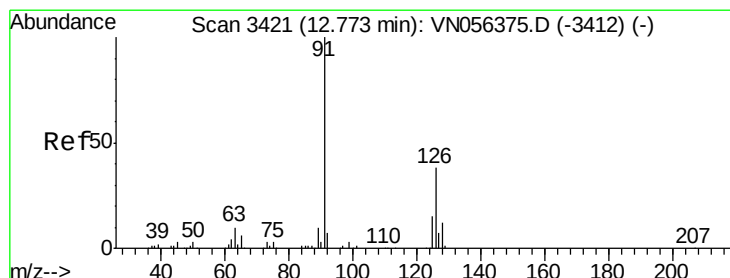
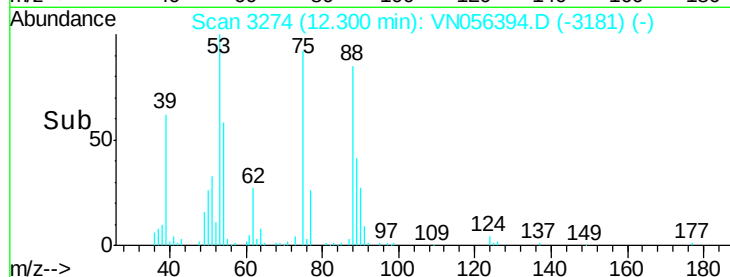
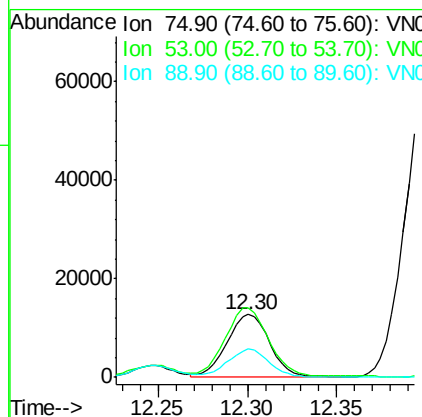
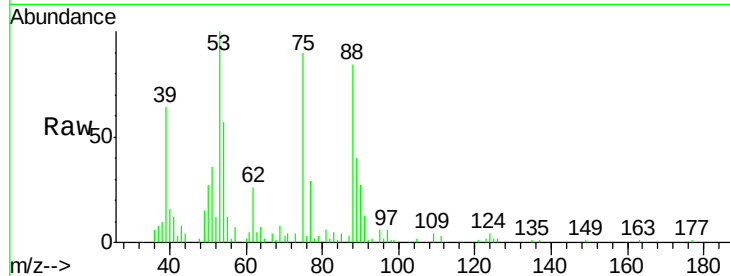
ClientSampleId :

VN0620WBS01

Tot Ion:	75	Resp:	21353
Ion	Ratio	Lower	Upper
75	100		
53	108.5	83.9	125.9
89	43.9	35.0	52.6

Manual Integrations
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6/21/2019 10:50:31 PM



#82

4-Chlorotoluene

Concen: 20.178 ug/l

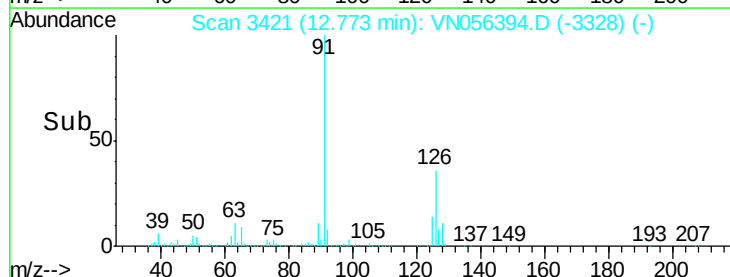
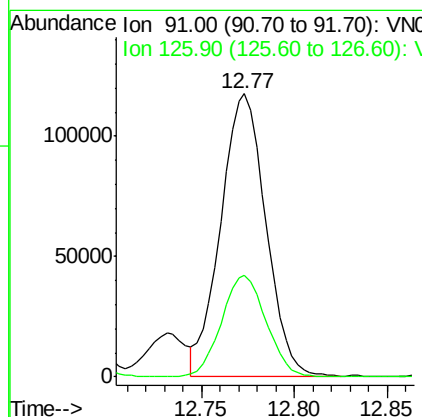
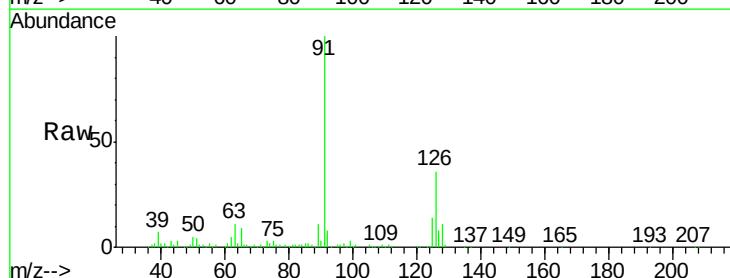
RT: 12.77 min Scan# 3421

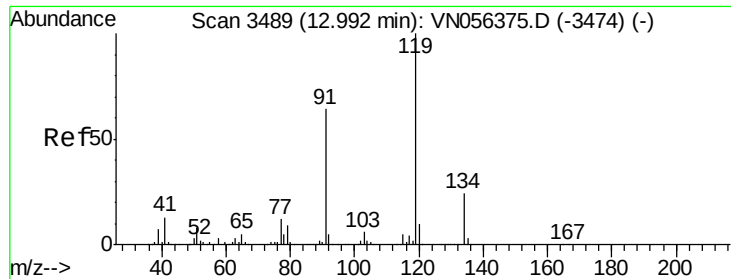
Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Tgt Ion:	91	Resp:	197588
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.3	52.0





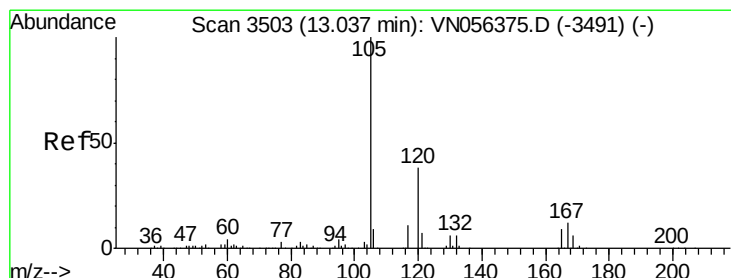
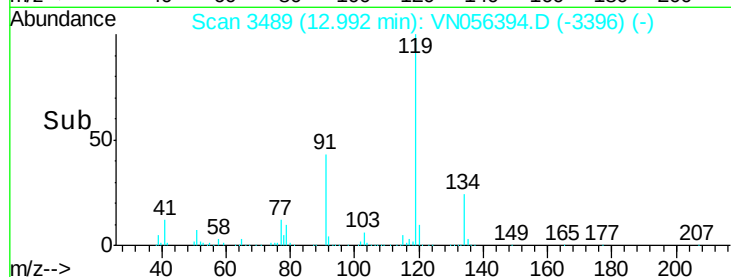
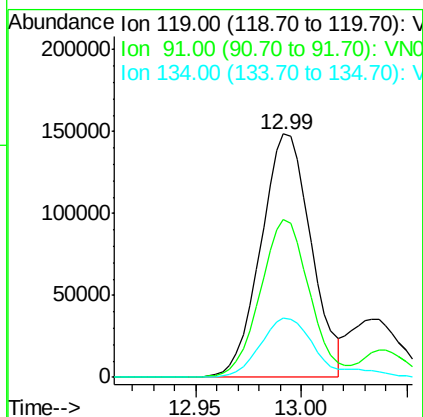
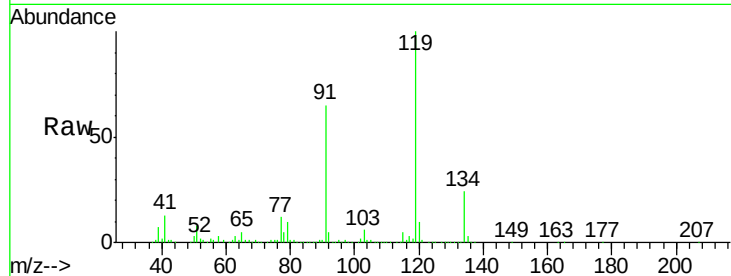
#83
 tert-Butylbenzene
 Concen: 23.417 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.6	94.7
134	27.6	13.2	39.5

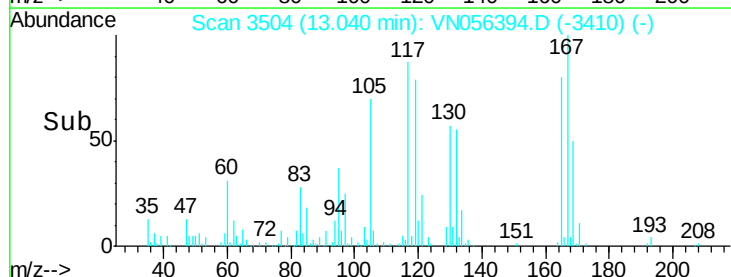
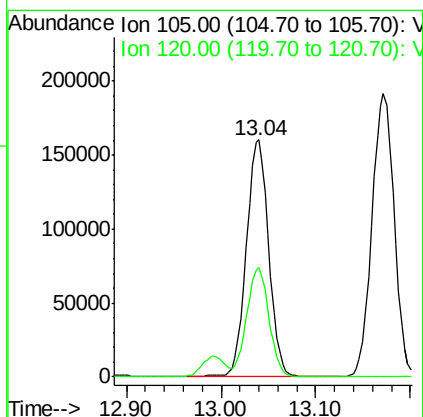
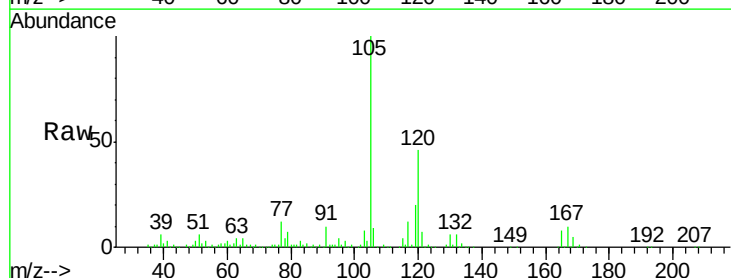
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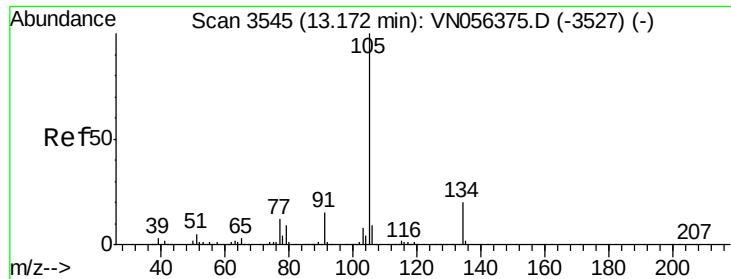
MMDadoda
 6/21/2019 10:50:31 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.411 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.8





#85

sec-Butylbenzene

Concen: 21.312 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

ClientSampled :

VN0620WBS01

Tot Ion:105 Resp: 310669

Ion Ratio Lower Upper

105 100

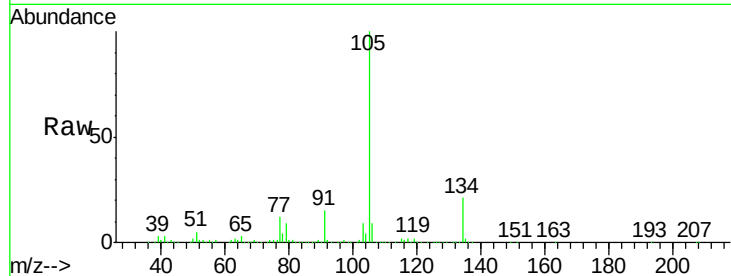
134 20.5 10.2 30.4

Manual Integrations

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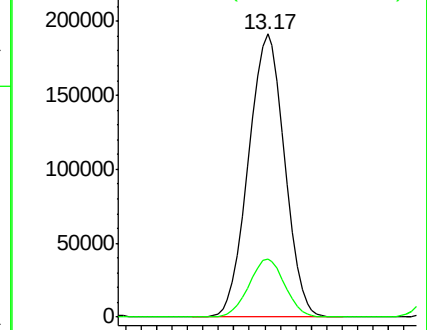
MMDadoda

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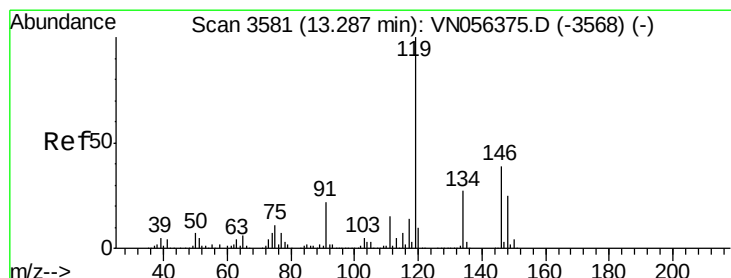
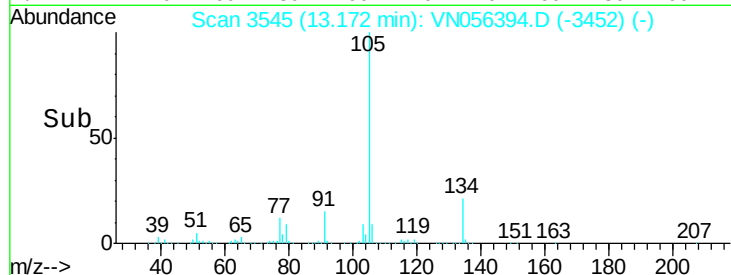


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.465 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

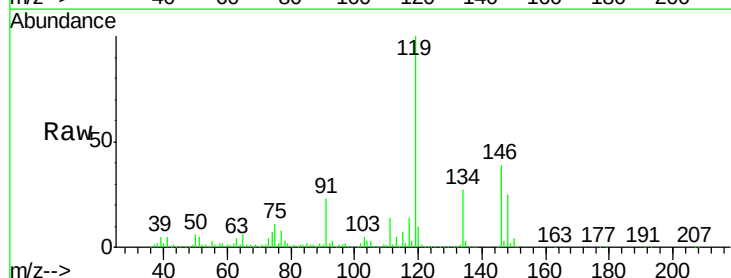
Tgt Ion:119 Resp: 268537

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

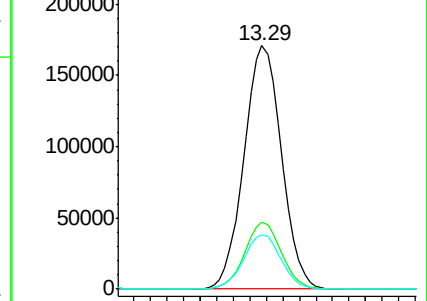
91 22.1 11.2 33.5



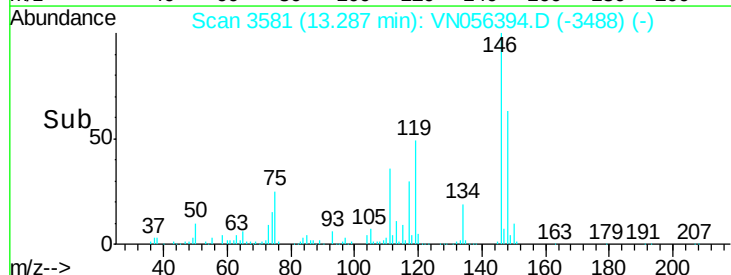
Abundance Ion 119.00 (118.70 to 119.70): V

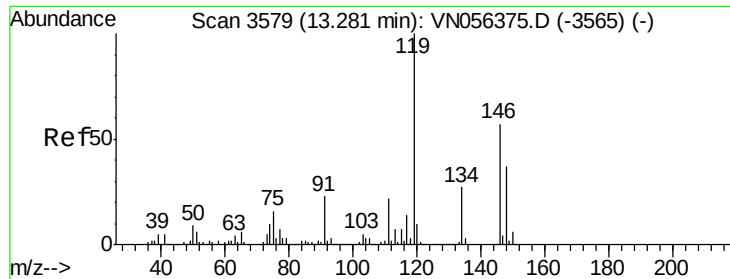
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





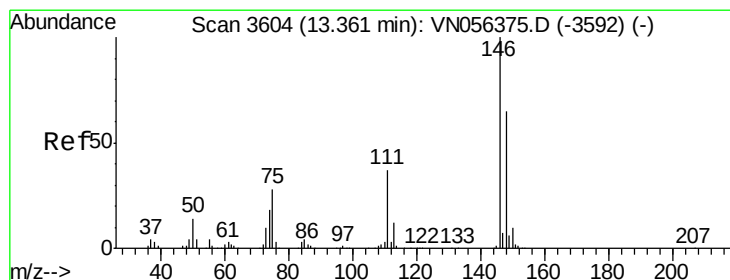
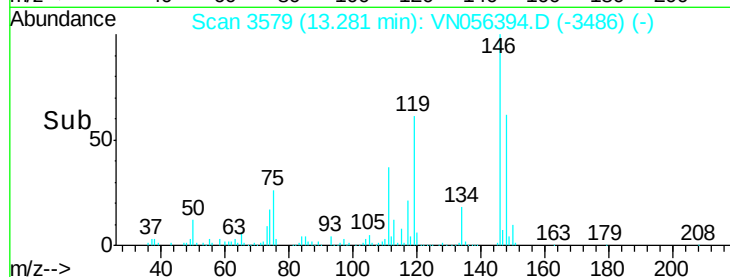
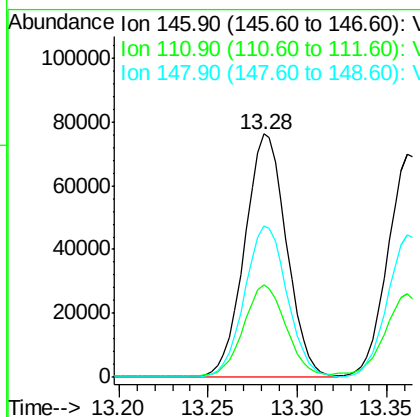
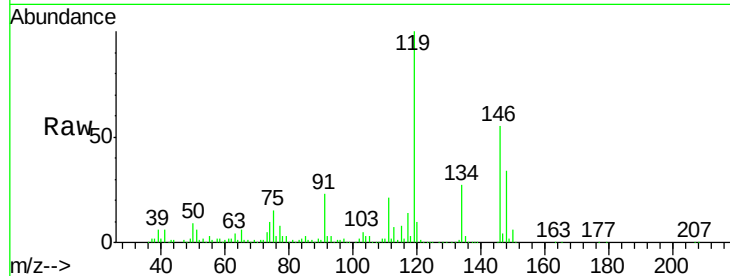
#87
 1,3-Dichlorobenzene
 Concen: 20.354 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	63.3	32.1	96.5

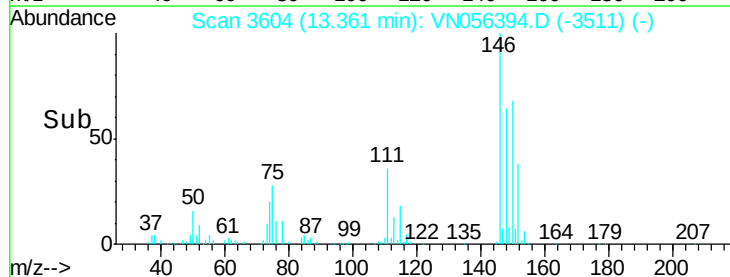
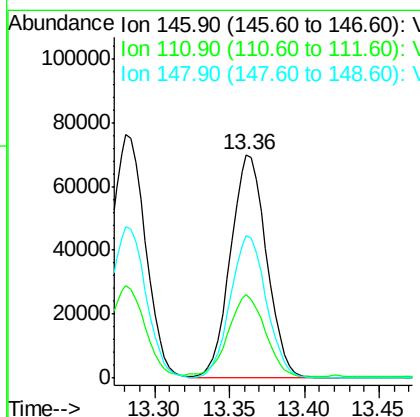
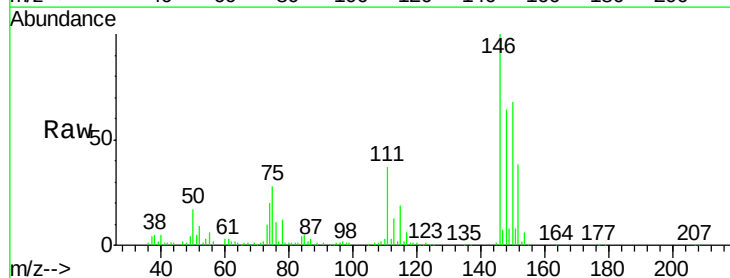
Manual Integrations
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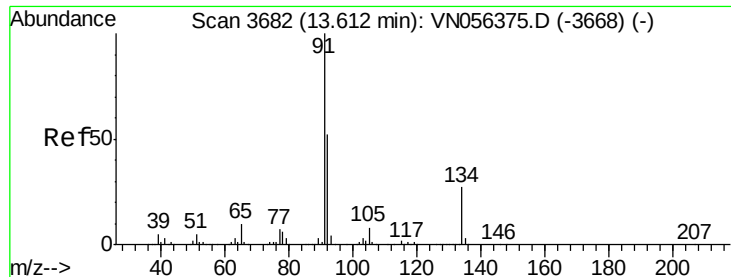
MMDadoda
 6/21/2019 10:50:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.723 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.4
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 19.715 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

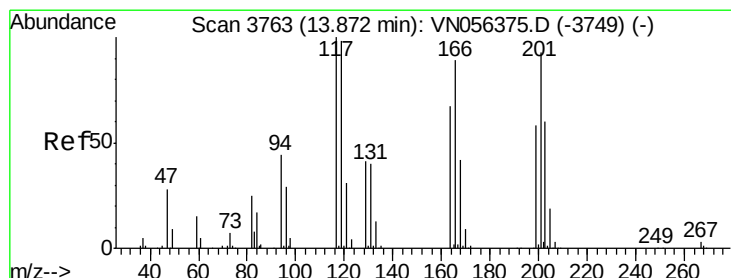
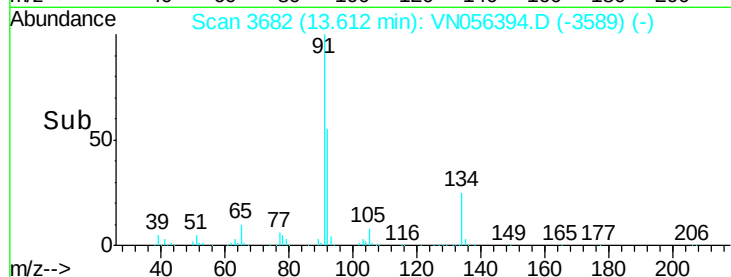
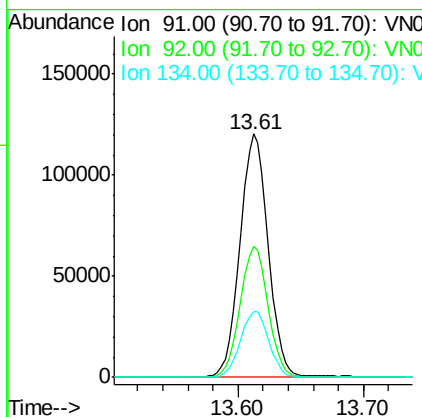
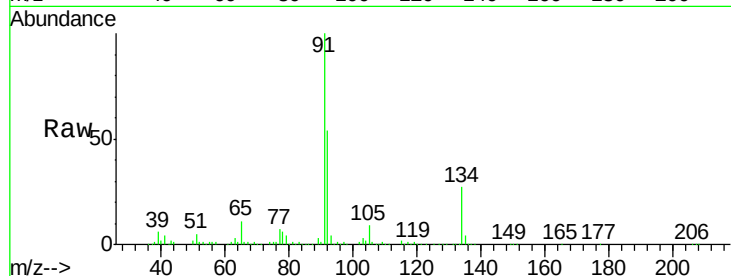
ClientSampleId :

VN0620WBS01

Tot Ion:	91	Resp:	186713
Ion Ratio	Lower	Upper	
91	100		
92	53.8	26.2	78.5
134	27.5	13.4	40.2

Manual Integrations
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6/21/2019 10:50:31 PM



#90

Hexachloroethane

Concen: 20.128 ug/l

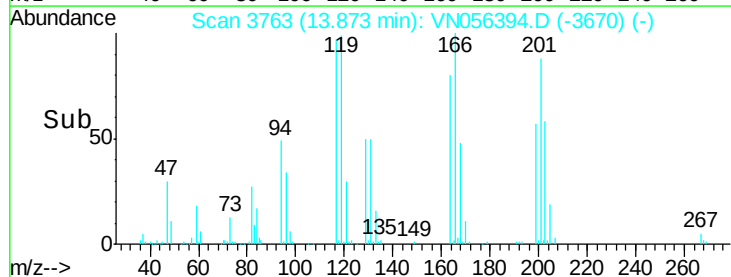
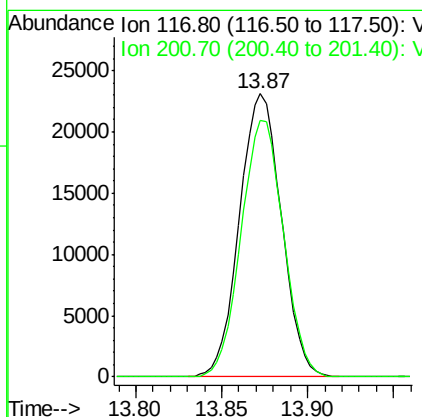
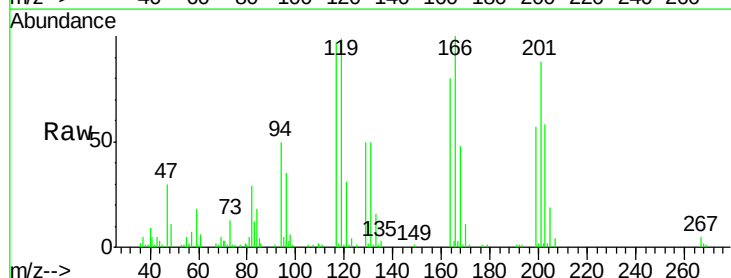
RT: 13.87 min Scan# 3763

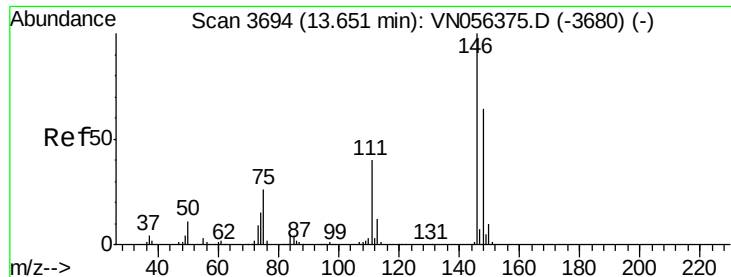
Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Tgt Ion:	117	Resp:	39258
Ion Ratio	Lower	Upper	
117	100		
201	91.3	45.9	137.6





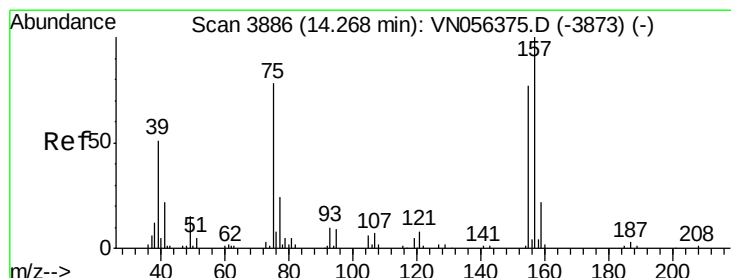
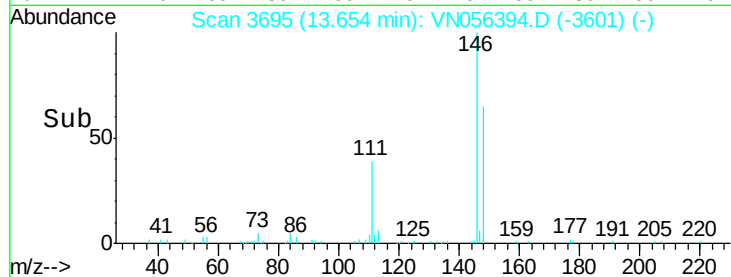
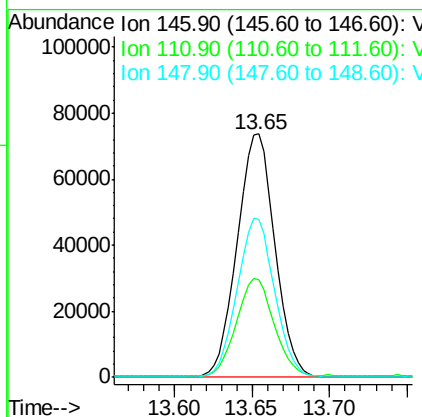
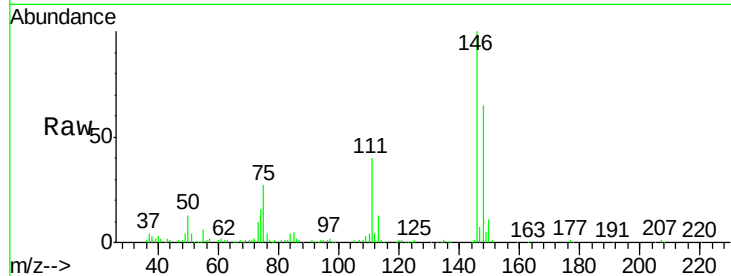
#91
 1,2-Dichlorobenzene
 Concen: 20.574 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.3	57.9
148	64.6	32.0	96.0

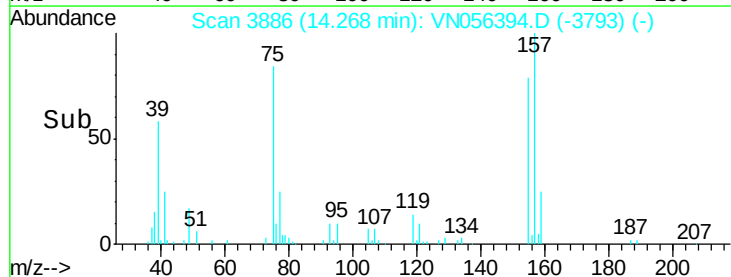
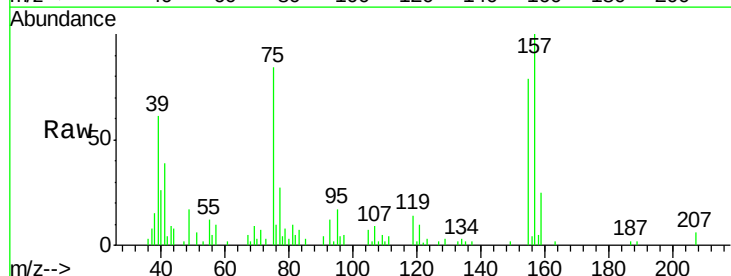
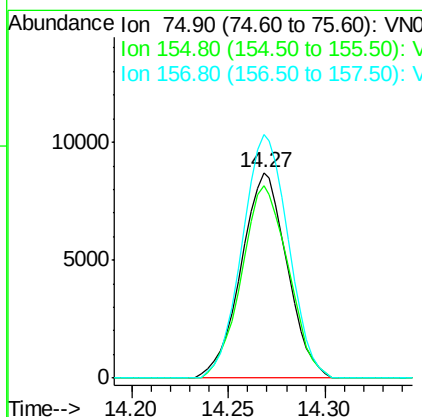
Manual Integrations
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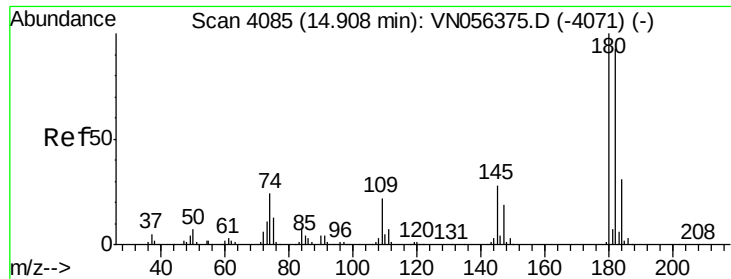
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.525 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	48.9	146.8
157	119.1	62.9	188.8





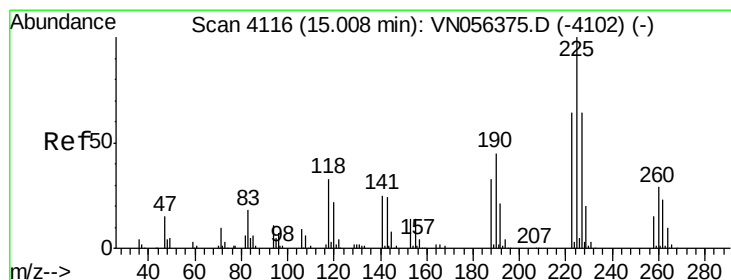
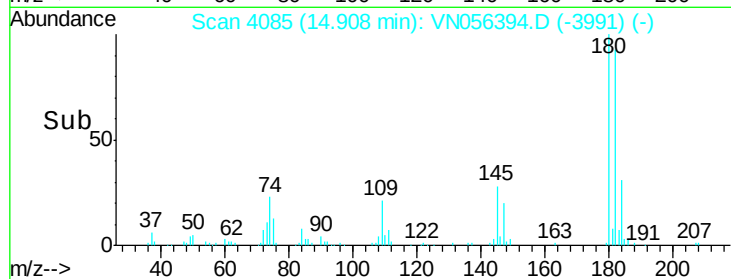
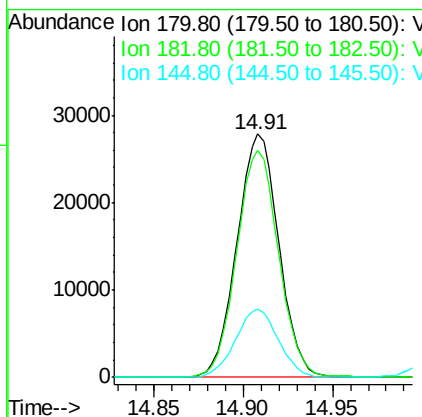
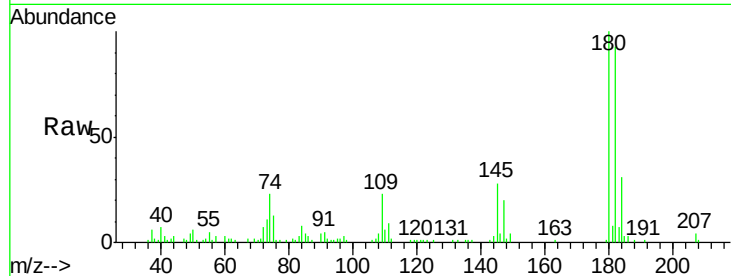
#93
 1,2,4-Trichlorobenzene
 Concen: 18.400 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0620WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.6
145	28.6	14.4	43.0

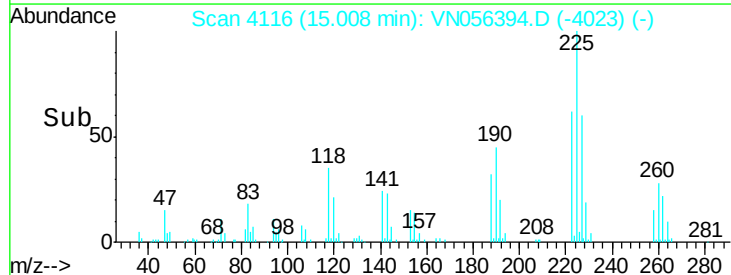
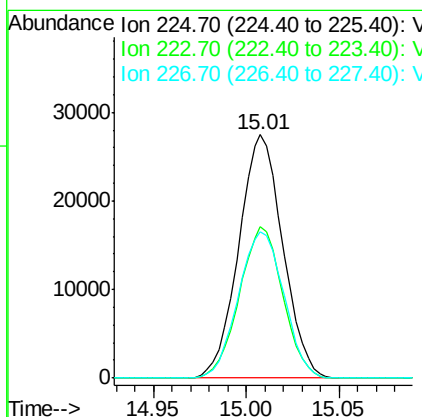
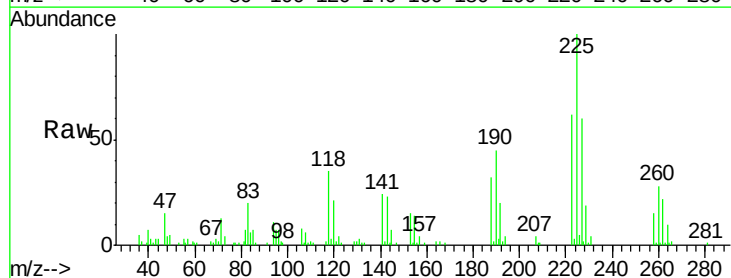
Manual Integrations
 APPROVED

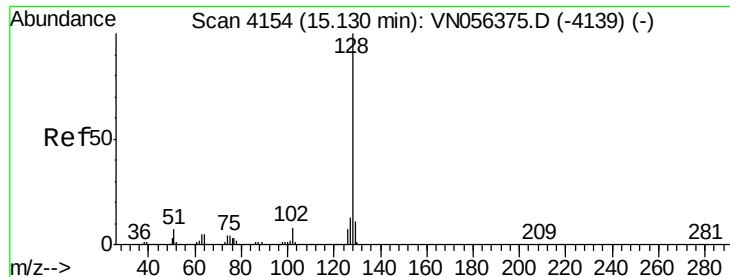
MMDadoda
 6/21/2019 10:50:31 PM



#94
 Hexachlorobutadiene
 Concen: 20.772 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056394.D
 Acq: 20 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.4	94.3
227	62.1	32.1	96.3





#95

Naphthalene

Concen: 19.651 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Instrument :

MSVOA_N

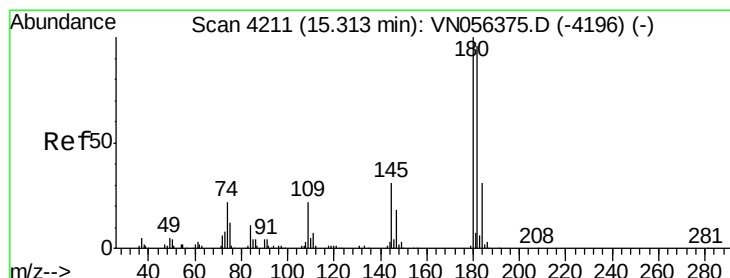
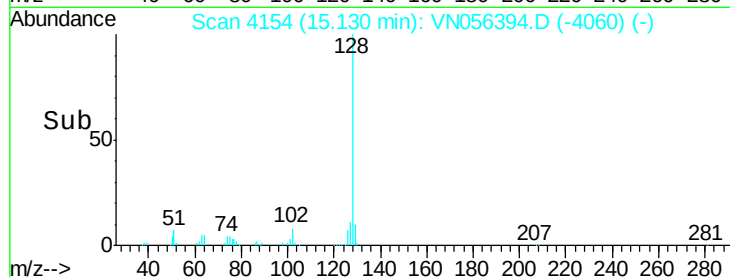
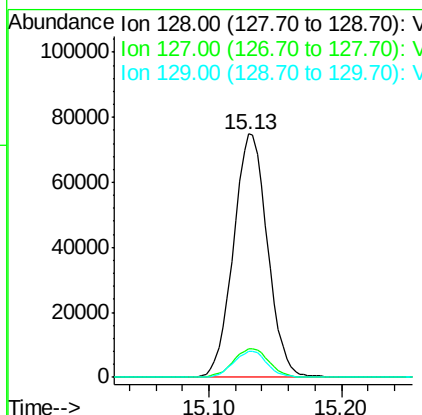
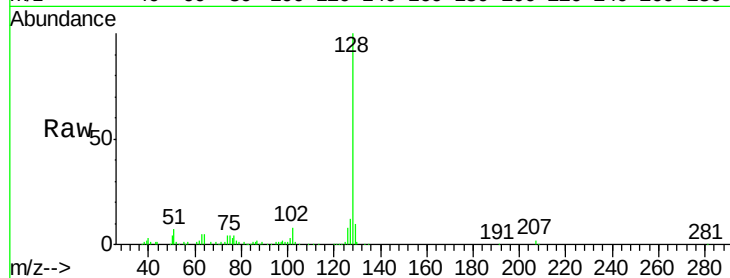
ClientSampleId :

VN0620WBS01

Tot Ion:	128	Resp:	133368
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.2
129	10.6	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.695 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056394.D

Acq: 20 Jun 2019 11:55

Tgt Ion:	180	Resp:	54905
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.3	144.8
145	30.3	15.4	46.1

