

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061346.D
 Acq On : 7 May 2020 19:58
 Operator : JC/MD
 Sample : L2548-04MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:18:18 PM

Quant Time: May 08 04:46:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	96538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	157105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	77287	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	7.55	113	47478	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	10.06	98	203599	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.38	95	76893	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45695	44.637	ug/l	100
3) Chloromethane	2.03	50	63405	51.140	ug/l	100
4) Vinyl Chloride	2.16	62	71544	50.805	ug/l	100
5) Bromomethane	2.53	94	28430	40.842	ug/l	98
6) Chloroethane	2.67	64	44073	49.377	ug/l	99
7) Trichlorofluoromethane	2.98	101	88637	55.790	ug/l	99
8) Diethyl Ether	3.37	74	36189	54.609	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50119	48.967	ug/l	100
10) Methyl Iodide	3.91	142	50746	38.579	ug/l	99
11) Tert butyl alcohol	4.73	59	51047	249.467	ug/l	100
12) 1,1-Dichloroethene	3.70	96	50072	49.160	ug/l	98
13) Acrolein	3.56	56	25978	190.507	ug/l	99
14) Allyl chloride	4.27	41	106076	56.167	ug/l	99
15) Acrylonitrile	4.93	53	164622	262.077	ug/l	99
16) Acetone	3.77	43	147641	249.911	ug/l	100
17) Carbon Disulfide	4.01	76	109377	38.874	ug/l	99
18) Methyl Acetate	4.27	43	84753	44.036	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	195246	50.166	ug/l	99
20) Methylene Chloride	4.50	84	58841	49.400	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	54644	49.268	ug/l	99
22) Diisopropyl ether	5.90	45	228896	52.266	ug/l	99
23) Vinyl Acetate	5.84	43	850123	241.083	ug/l	99
24) 1,1-Dichloroethane	5.80	63	115531	50.490	ug/l	100
25) 2-Butanone	6.78	43	227879	252.110	ug/l	98
26) 2,2-Dichloropropane	6.77	77	90538	46.976	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	69571	53.452	ug/l	100
28) Bromochloromethane	7.15	49	59497	54.859	ug/l	96
29) Tetrahydrofuran	7.17	42	154173	253.208	ug/l	98
30) Chloroform	7.33	83	115775	49.928	ug/l	99
31) Cyclohexane	7.61	56	95101	42.796	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	99042	49.050	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82373	48.822	ug/l	100
37) Ethyl Acetate	6.88	43	93332	47.186	ug/l	100
38) Carbon Tetrachloride	7.73	117	77427	50.284	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	78082	41.266	ug/l	97
40) Benzene	8.00	78	245493	48.839	ug/l	99
41) Methacrylonitrile	7.12	41	46370	56.463	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	97431	51.165	ug/l	99
43) Isopropyl Acetate	8.13	43	158929	48.415	ug/l	100
44) Trichloroethene	8.80	130	65553	48.242	ug/l	99
45) 1,2-Dichloropropane	9.08	63	67309	50.122	ug/l	99
46) Dibromomethane	9.17	93	43048	51.773	ug/l	98
47) Bromodichloromethane	9.37	83	92444	51.798	ug/l	99
48) Methyl methacrylate	9.17	41	79172	53.448	ug/l	96
49) 1,4-Dioxane	9.17	88	15647	930.558	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	502117	259.865	ug/l	100
52) Toluene	10.12	92	149261	49.299	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	99712	49.584	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	102642	48.279	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	59669	49.409	ug/l	98
56) Ethyl methacrylate	10.40	69	96718	46.180	ug/l	100
57) 1,3-Dichloropropane	10.68	76	107996	50.876	ug/l	100
59) 2-Hexanone	10.72	43	359628	255.830	ug/l	100
60) Dibromochloromethane	10.87	129	64441	50.949	ug/l	99
61) 1,2-Dibromoethane	10.98	107	60058	49.617	ug/l	99
64) Tetrachloroethene	10.60	164	89086	65.471	ug/l	99
65) Chlorobenzene	11.41	112	155573	49.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57687	51.719	ug/l	99
67) Ethyl Benzene	11.48	91	292219	50.090	ug/l	99
68) m/p-Xylenes	11.60	106	210042	98.362	ug/l	96
69) o-Xylene	11.92	106	99796	48.653	ug/l	95
70) Stvrene	11.94	104	167013	48.649	ug/l	98
71) Bromoform	12.10	173	42975	52.424	ug/l #	99
73) Isopropylbenzene	12.22	105	274429	47.989	ug/l	100
74) N-amyl acetate	12.04	43	135971	46.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	89477	50.179	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	80352m	48.995	ug/l	
77) Bromobenzene	12.50	156	64899	49.162	ug/l	99
78) n-propylbenzene	12.57	91	326604	48.151	ug/l	100
79) 2-Chlorotoluene	12.65	91	193931	48.643	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232175	49.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	31026	48.043	ug/l	97
82) 4-Chlorotoluene	12.75	91	206251	49.084	ug/l	98
83) tert-Butylbenzene	12.97	119	188201	47.157	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	234528	48.095	ug/l	99
85) sec-Butylbenzene	13.15	105	251601	46.240	ug/l	99
86) p-Isopropyltoluene	13.26	119	226600	46.222	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	116620	47.987	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	116949	47.099	ug/l	100
89) n-Butylbenzene	13.59	91	203130	45.197	ug/l	100
90) Hexachloroethane	13.85	117	34395	64.630	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	112091	48.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	18388	48.826	ug/l	98
93) 1,2,4-Trichlorobenzene	14.89	180	63854	45.000	ug/l	99

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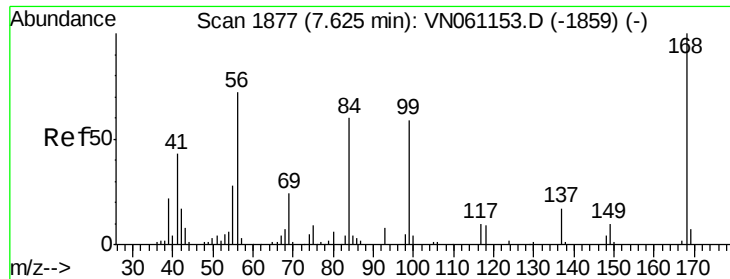
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	26832	45.263	ug/l	99
95) Naphthalene	15.10	128	204206	44.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	62604	44.687	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion:168 Resp: 96538

Ion Ratio Lower Upper

168 100

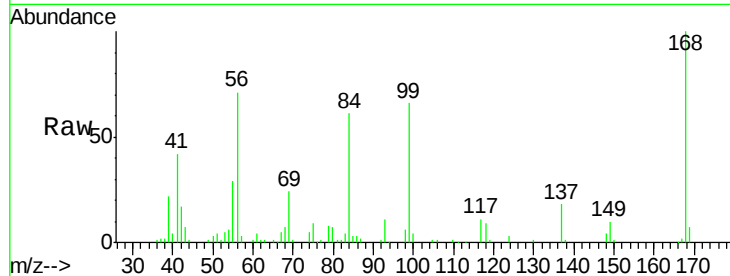
99 66.0 51.2 76.8

Manual Integrations

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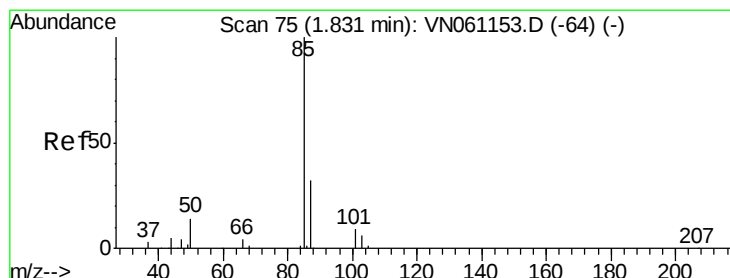
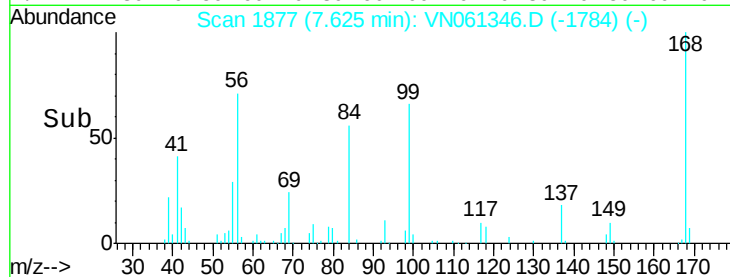
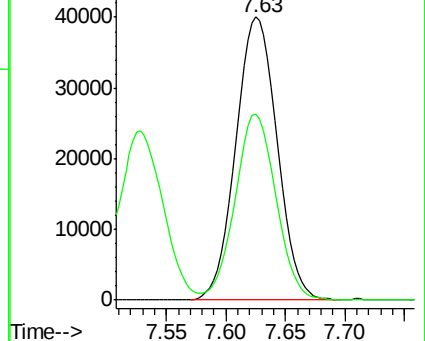
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.637 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061346.D

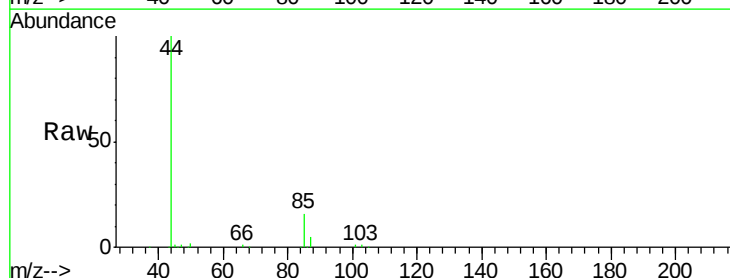
Acq: 7 May 2020 19:58

Tgt Ion: 85 Resp: 45695

Ion Ratio Lower Upper

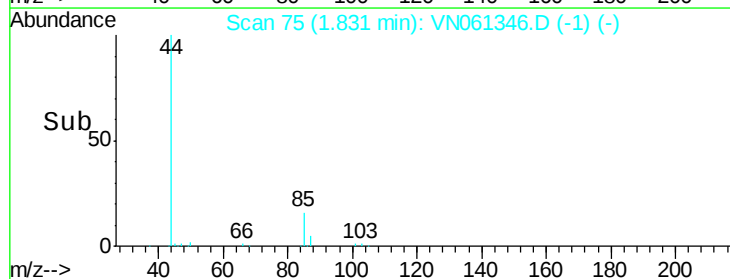
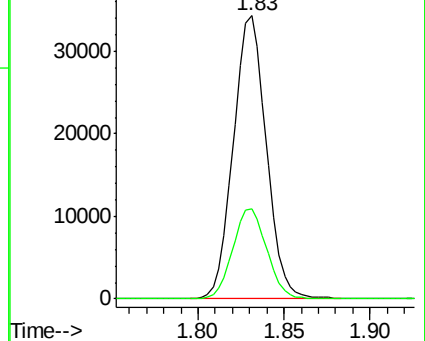
85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 51.140 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 50 Resp: 63405

Ion Ratio Lower Upper

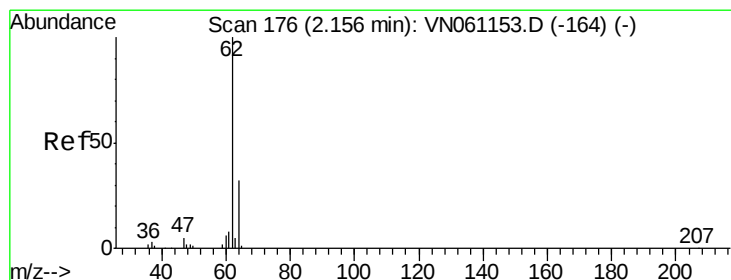
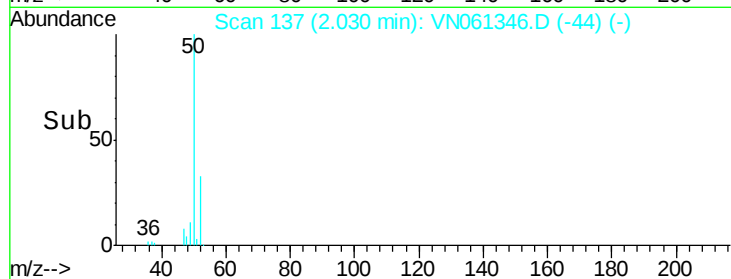
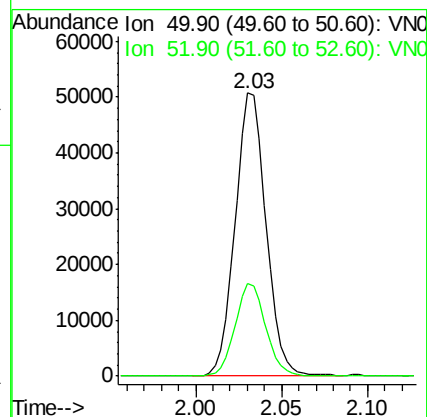
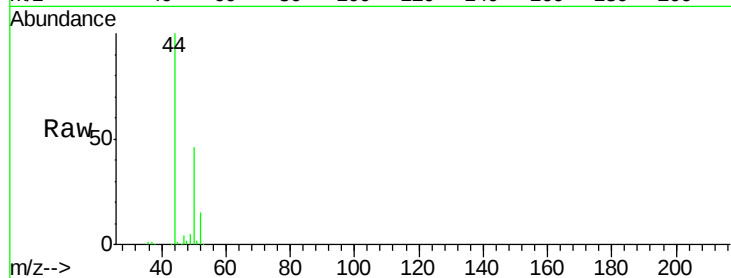
50 100

52 32.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 50.805 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061346.D

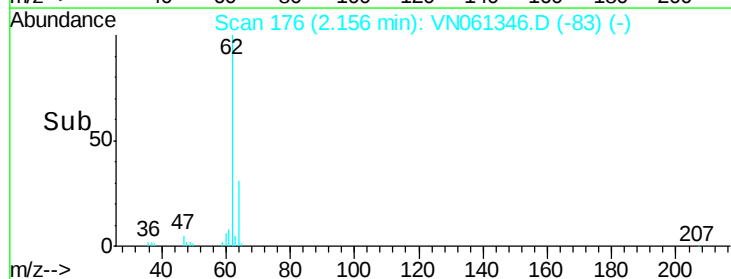
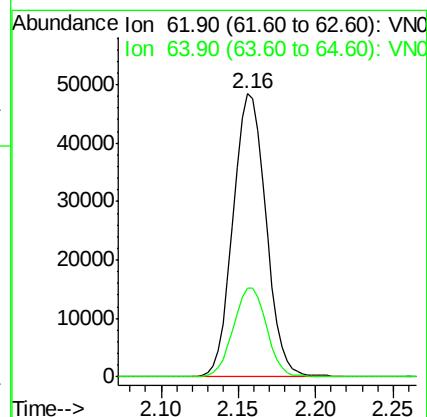
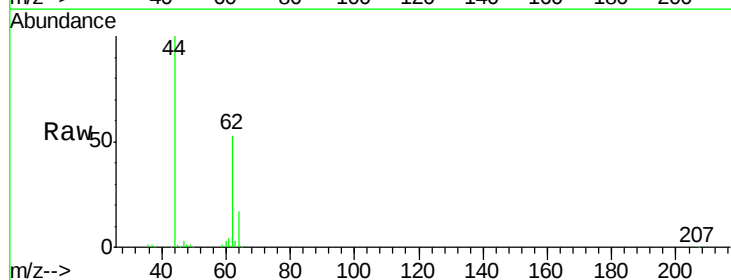
Acq: 7 May 2020 19:58

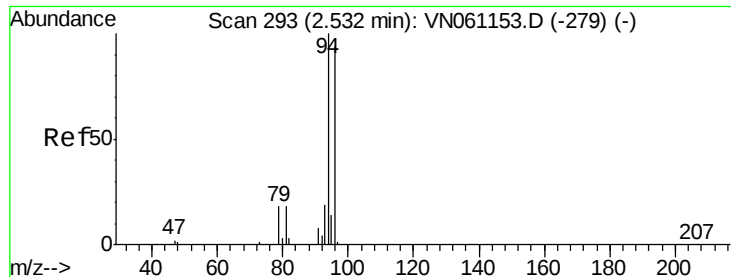
Tgt Ion: 62 Resp: 71544

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 40.842 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 28430

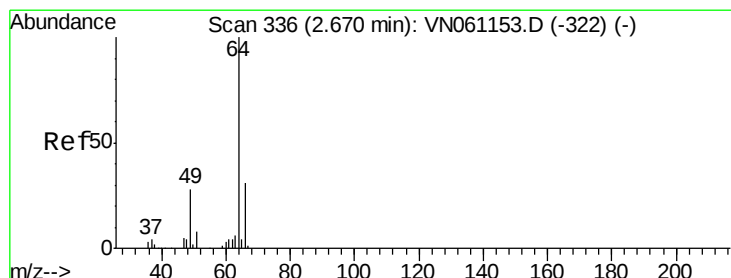
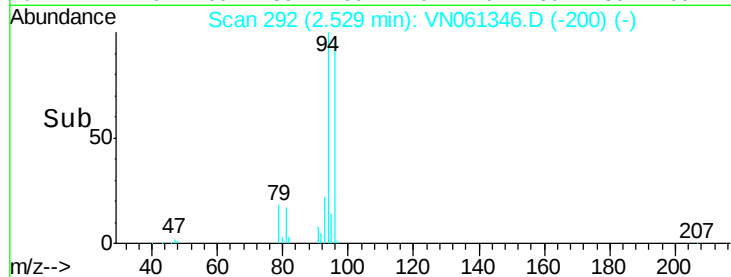
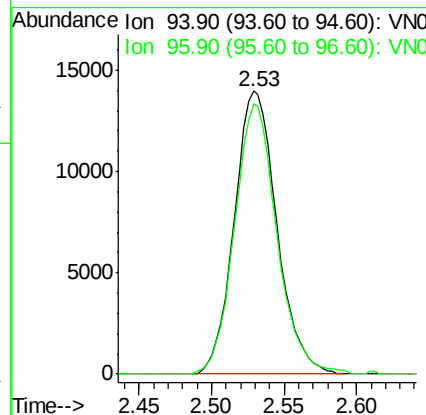
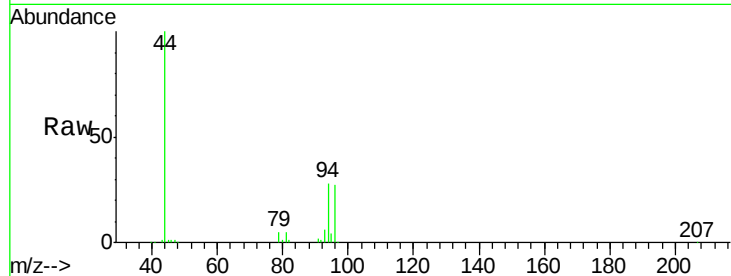
Ion Ratio Lower Upper

94 100

96 95.4 75.1 112.7

Manual Integrations
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#6

Chloroethane

Concen: 49.377 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061346.D

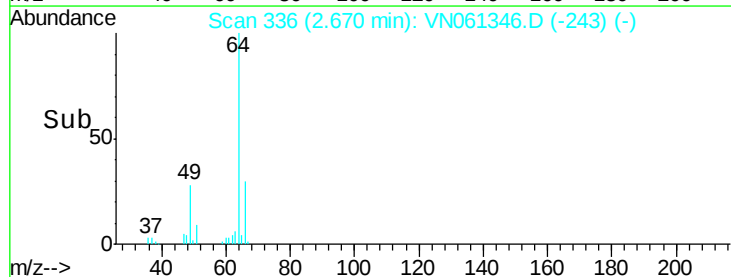
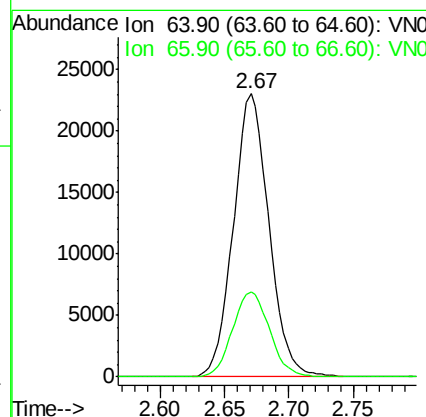
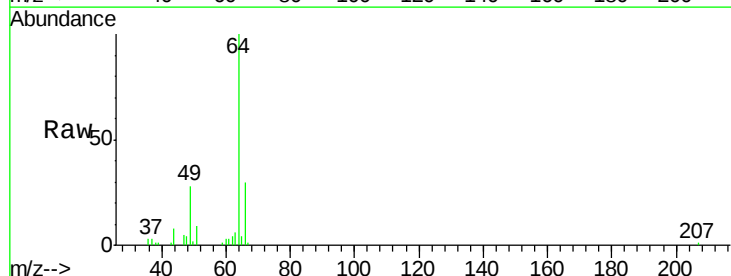
Acq: 7 May 2020 19:58

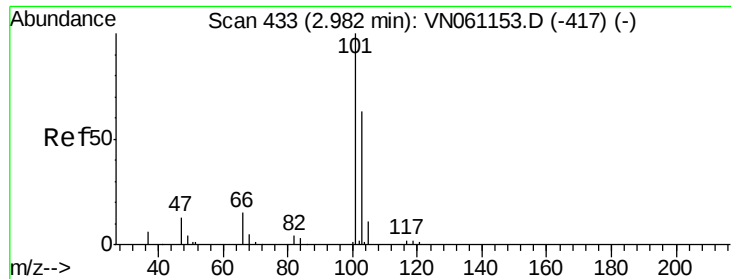
Tgt Ion: 64 Resp: 44073

Ion Ratio Lower Upper

64 100

66 30.1 24.6 36.8





#7

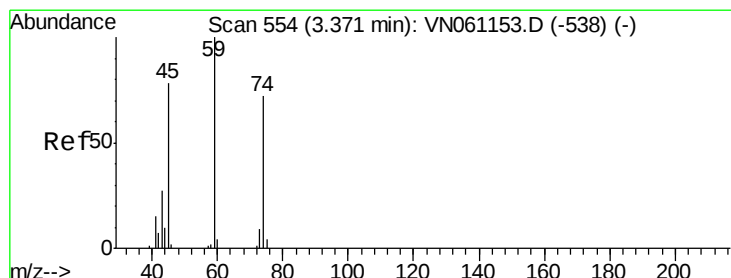
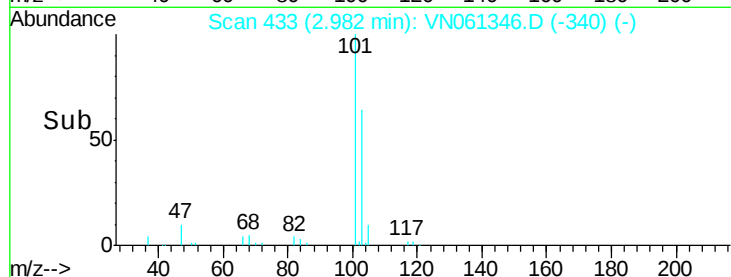
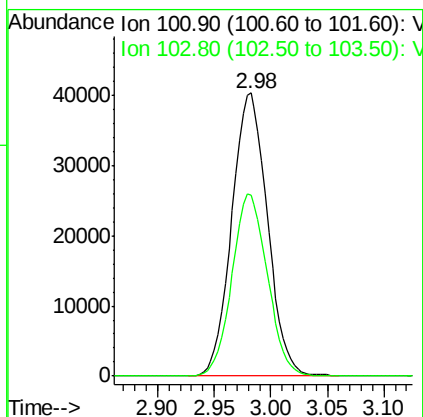
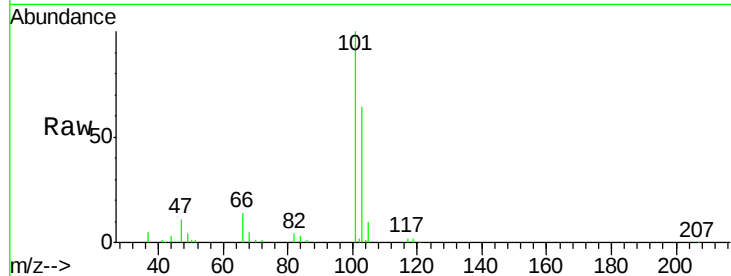
Trichlorofluoromethane
Concen: 55.790 ug/l
RT: 2.98 min Scan# 433
Delta R.T. 0.00 min
Lab File: VN061346.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		88637		
103	63.9	50.6		76.0	

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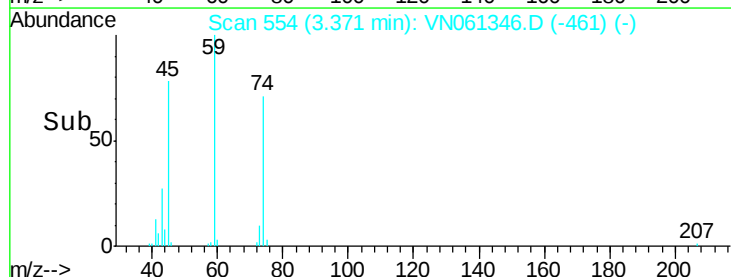
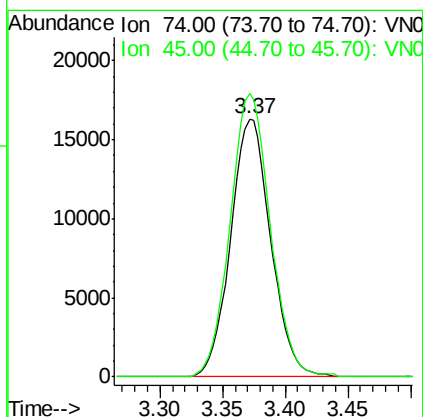
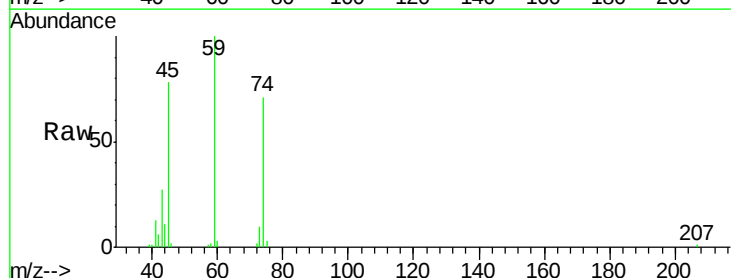
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#8

Diethyl Ether
Concen: 54.609 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		36189		
45	110.3	53.3		160.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.967 ug/l

RT: 3.72 min Scan# 662

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

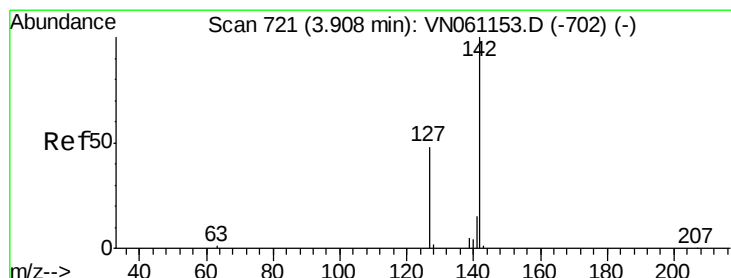
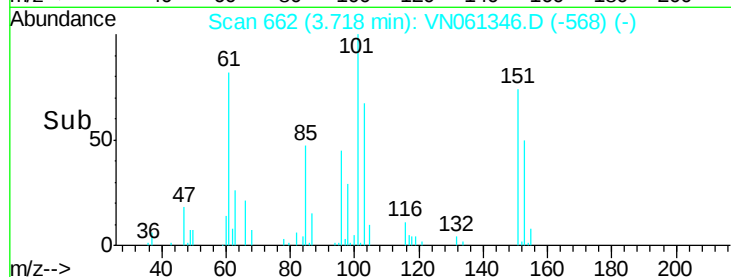
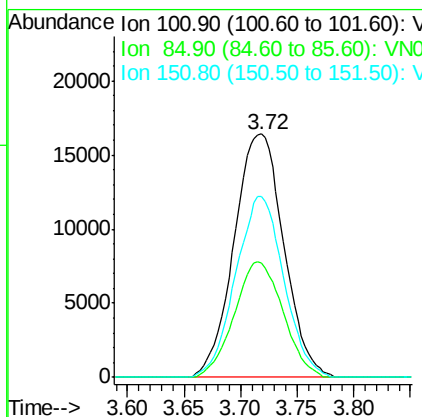
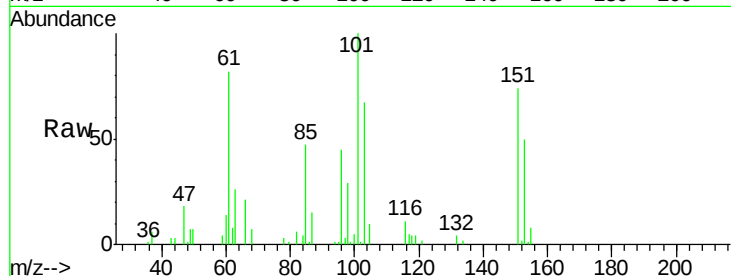
ClientSampleId :

SS050MW052-200504MS

Tot Ion:	101	Resp:	50119
Ion Ratio	Lower	Upper	
101	100		
85	46.5	37.2	55.8
151	72.0	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 38.579 ug/l

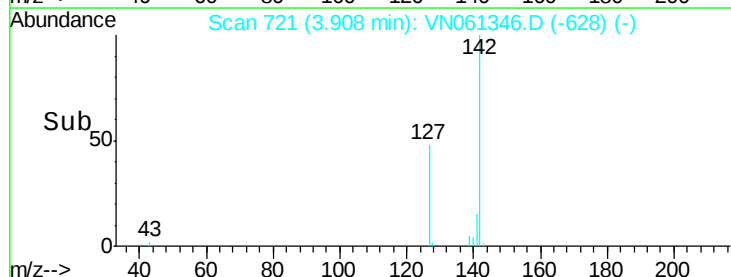
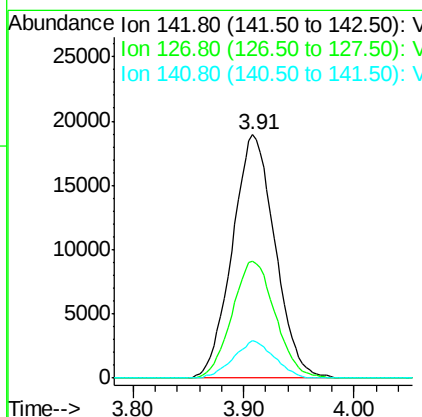
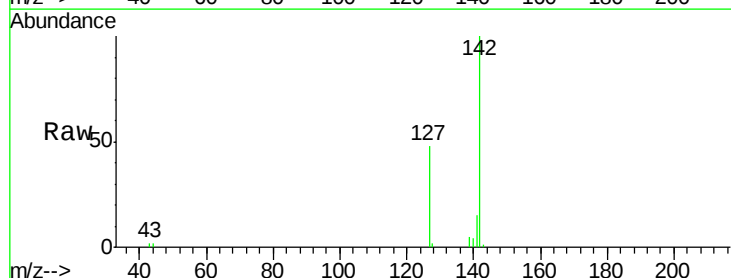
RT: 3.91 min Scan# 721

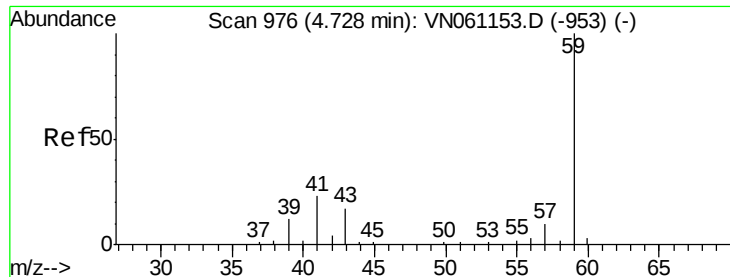
Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion:	142	Resp:	50746
Ion Ratio	Lower	Upper	
142	100		
127	48.6	38.0	57.0
141	14.6	11.7	17.5





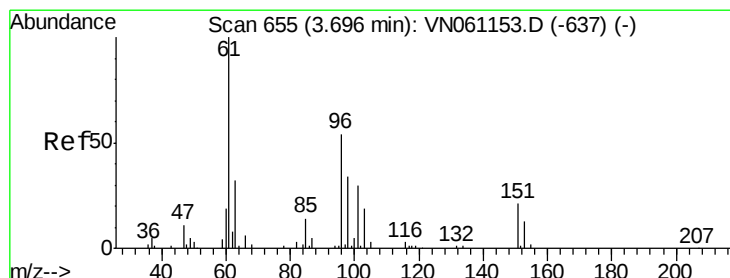
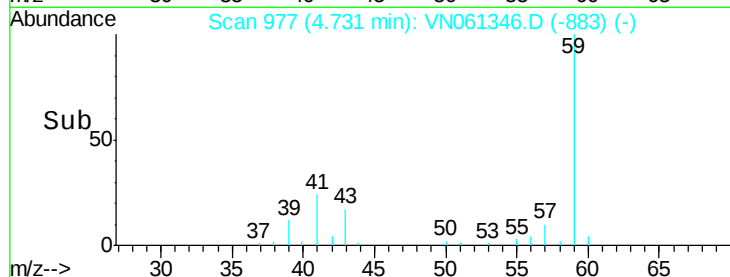
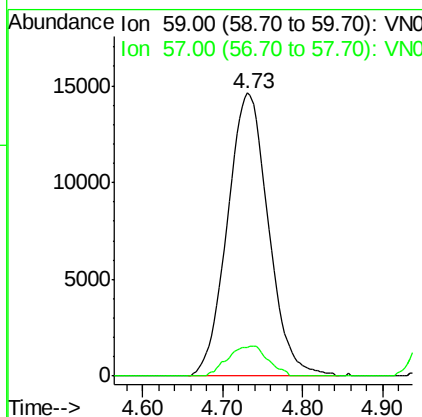
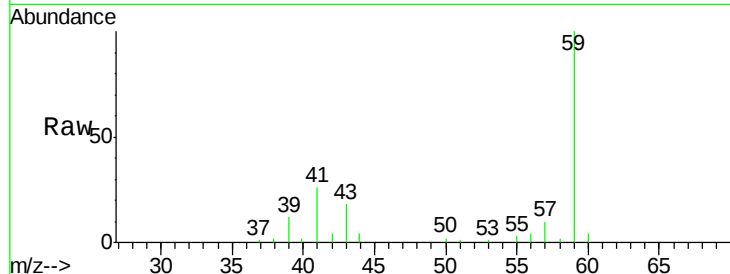
#11
Tert butyl alcohol
Concen: 249.467 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion: 59 Resp: 51047
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

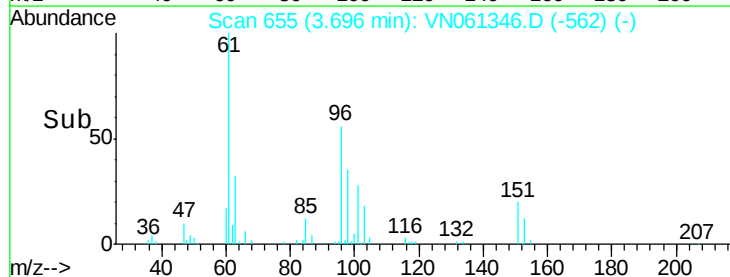
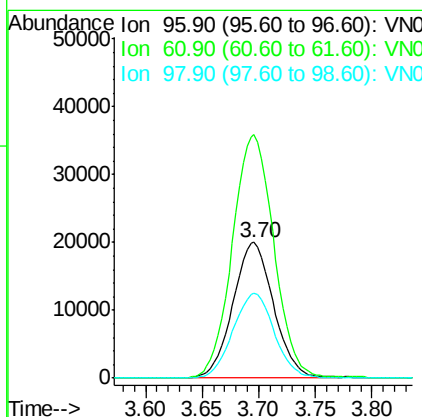
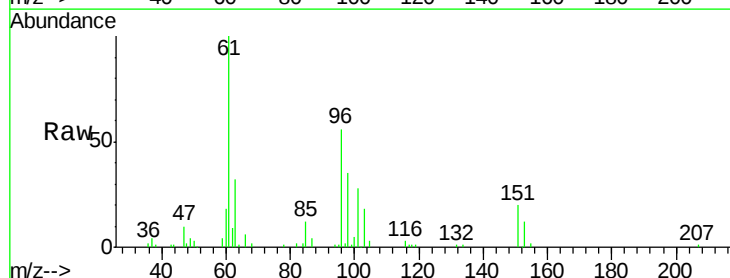
Manual Integrations
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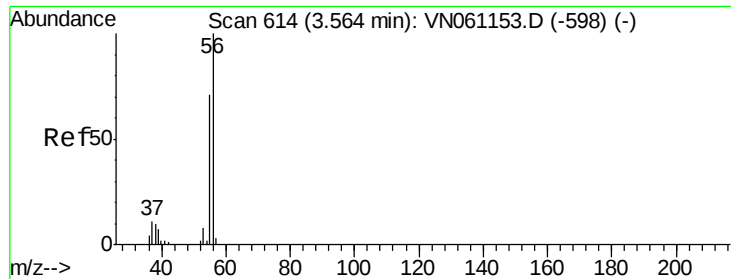
MMDadoda
5/8/2020 1:18:18 PM



#12
1,1-Dichloroethene
Concen: 49.160 ug/l
RT: 3.70 min Scan# 655
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 96 Resp: 50072
Ion Ratio Lower Upper
96 100
61 179.5 147.0 220.6
98 62.3 49.8 74.6





#13

Acrolein

Concen: 190.507 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 56 Resp: 25978

Ion Ratio Lower Upper

56 100

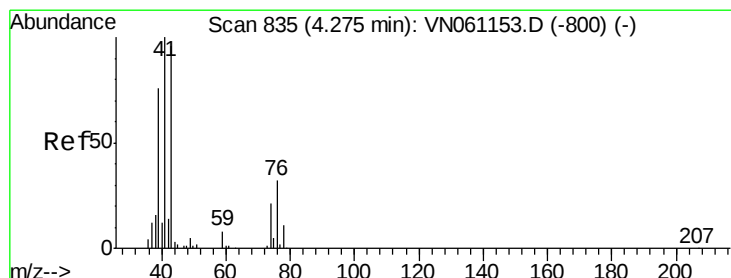
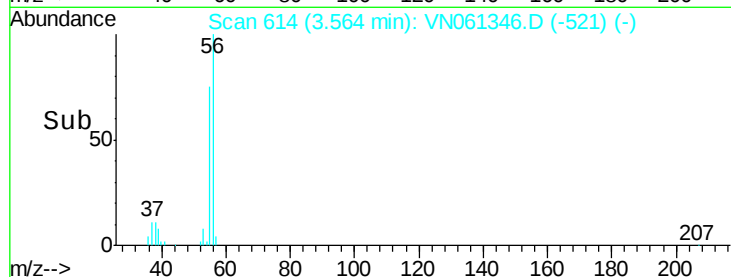
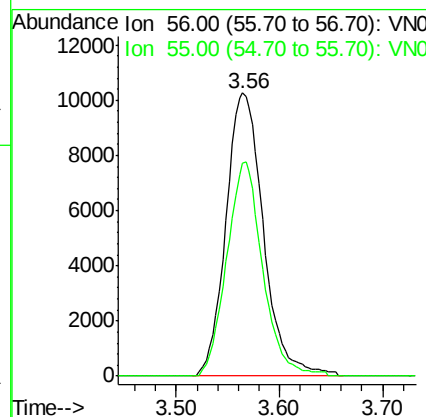
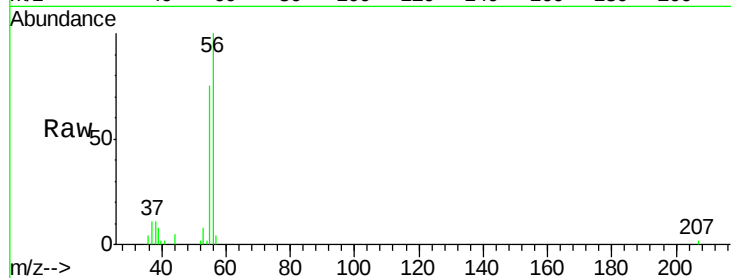
55 72.4 58.5 87.7

Manual Integrations

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#14

Allyl chloride

Concen: 56.167 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

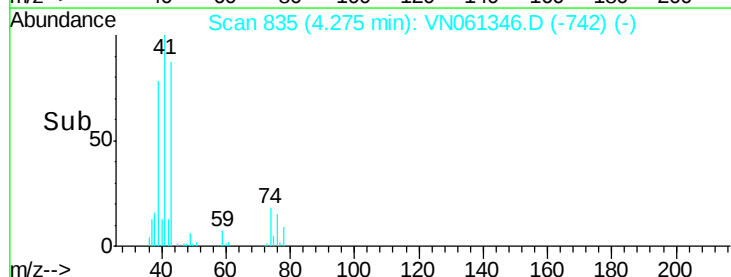
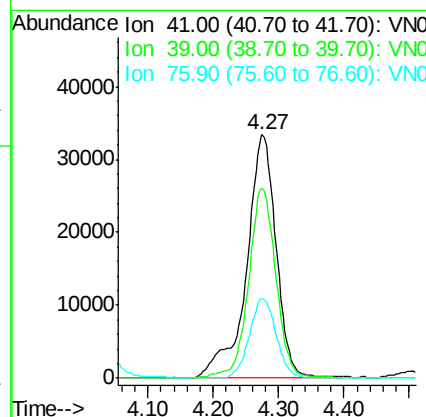
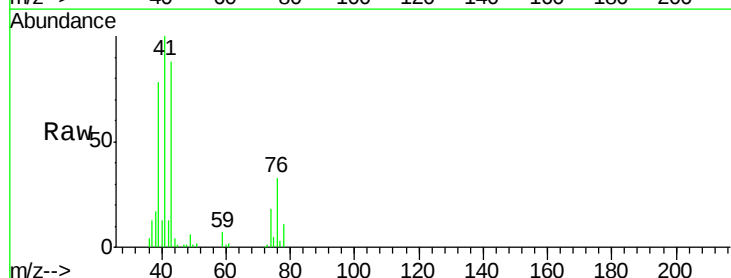
Tgt Ion: 41 Resp: 106076

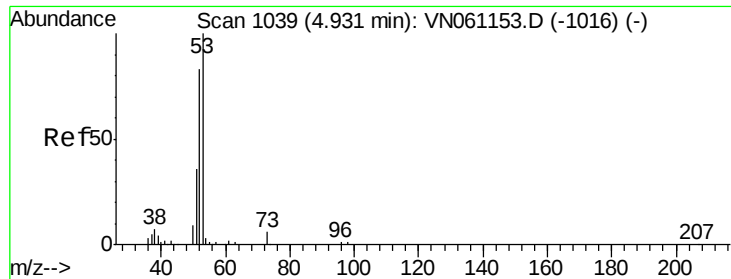
Ion Ratio Lower Upper

41 100

39 71.5 57.1 85.7

76 29.2 24.3 36.5





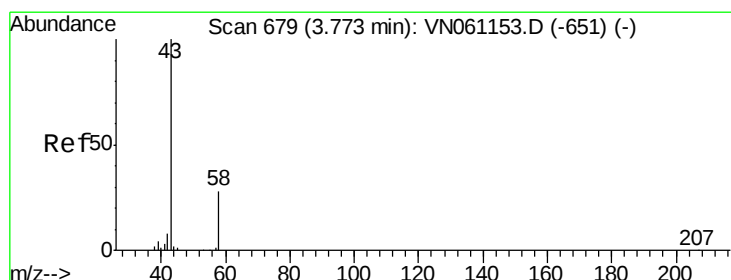
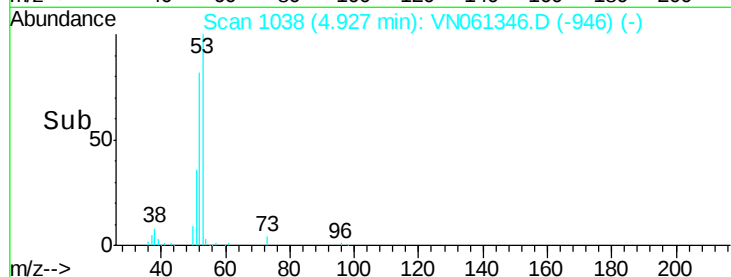
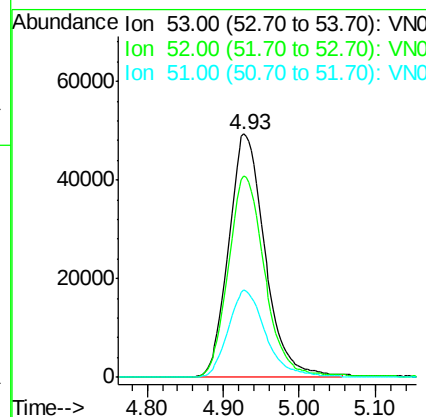
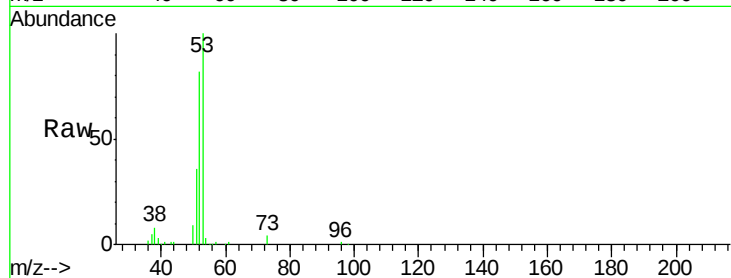
#15
 Acrylonitrile
 Concen: 262.077 ug/l
 RT: 4.93 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.4	98.0
51	37.2	29.5	44.3

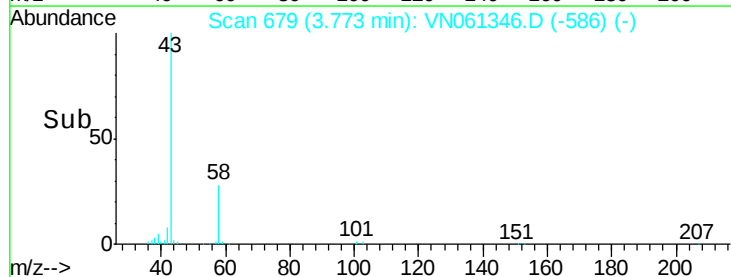
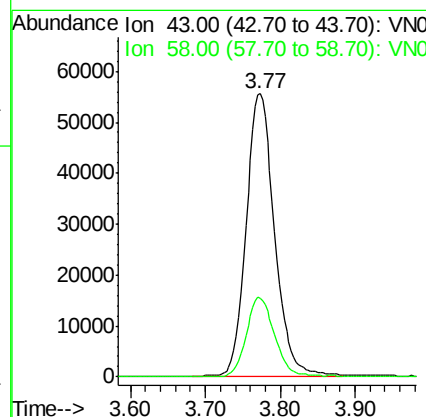
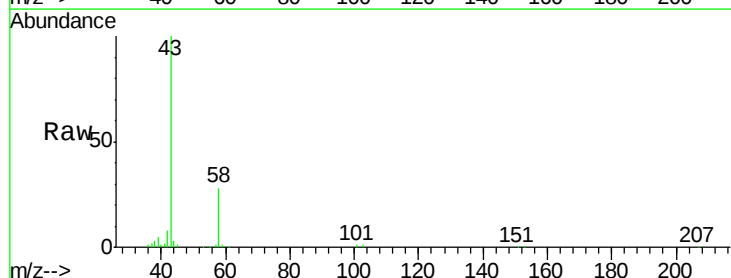
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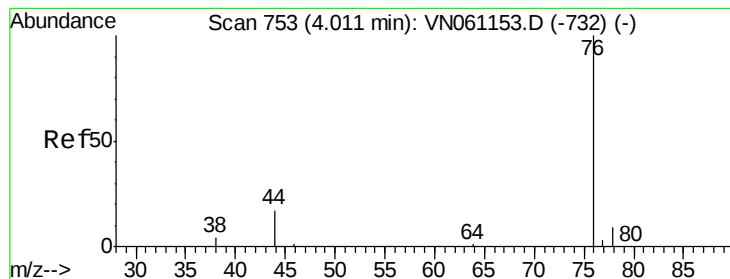
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#16
 Acetone
 Concen: 249.911 ug/l
 RT: 3.77 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.2	33.2





#17

Carbon Disulfide

Concen: 38.874 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 76 Resp: 109377

Ion Ratio Lower Upper

76 100

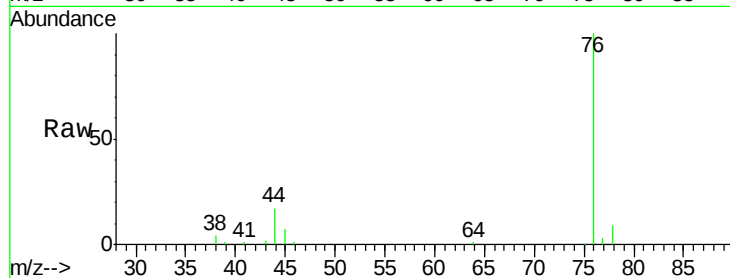
78 8.7 7.2 10.8

Manual Integrations

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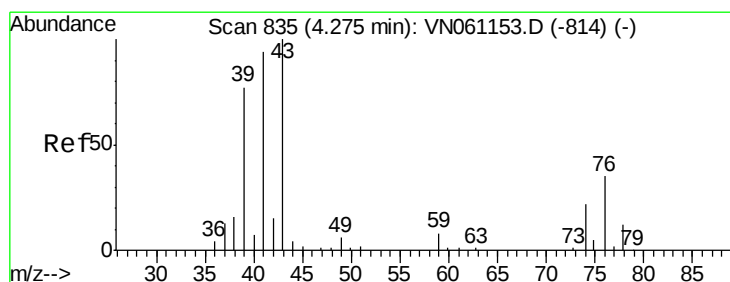
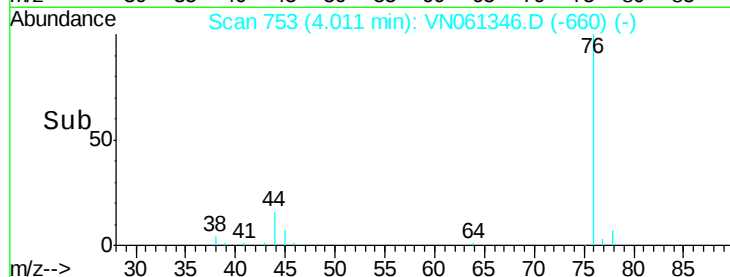
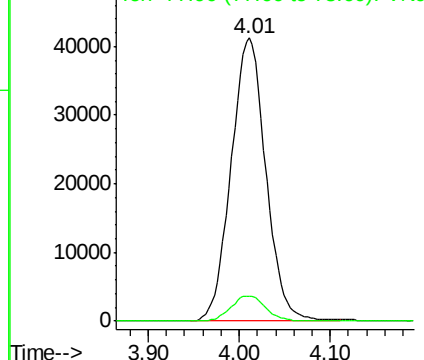
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 44.036 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061346.D

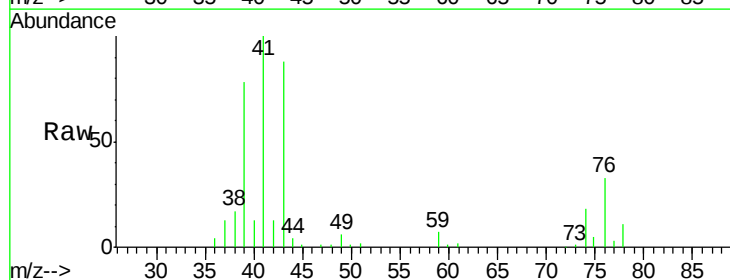
Acq: 7 May 2020 19:58

Tgt Ion: 43 Resp: 84753

Ion Ratio Lower Upper

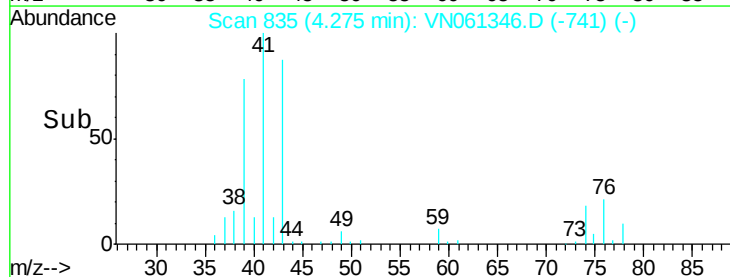
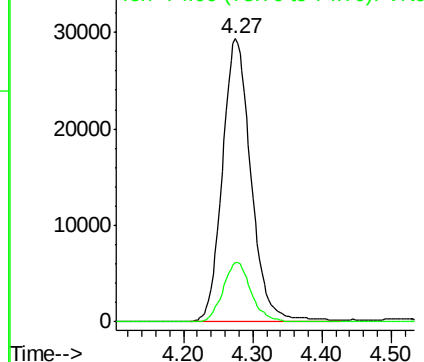
43 100

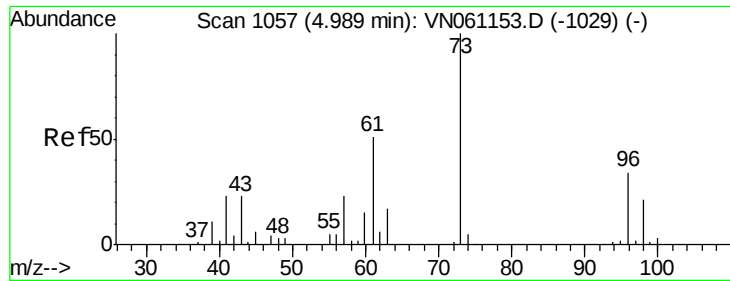
74 20.4 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





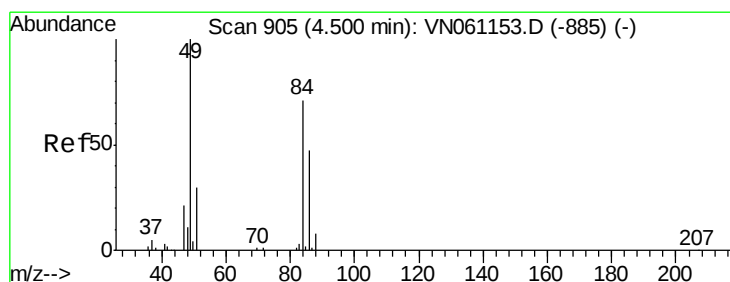
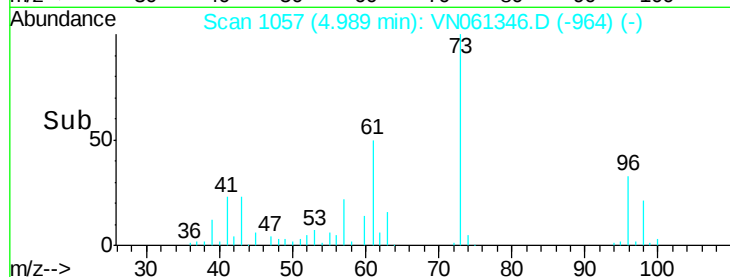
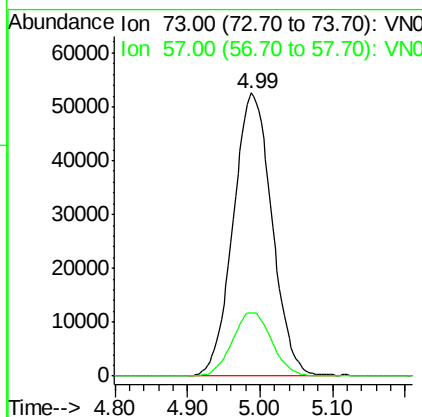
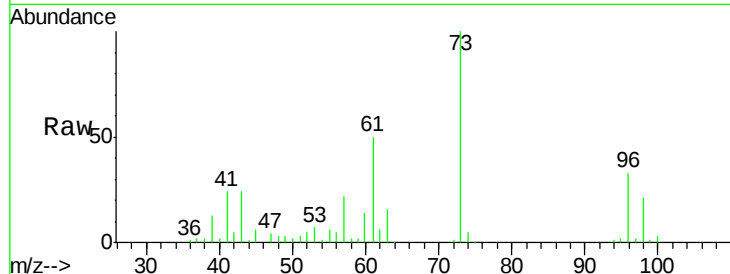
#19
Methvl tert-butvl Ether
Concen: 50.166 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion: 73 Resp: 195246
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5

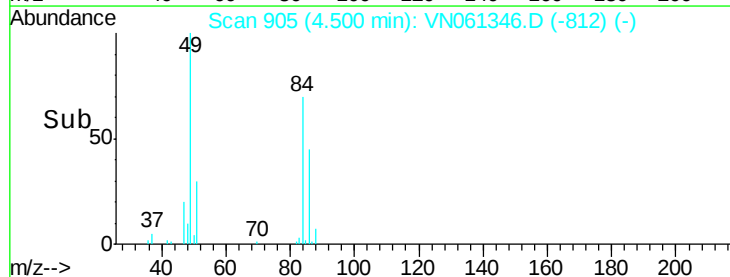
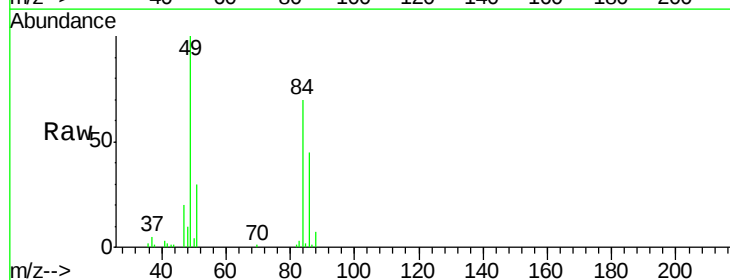
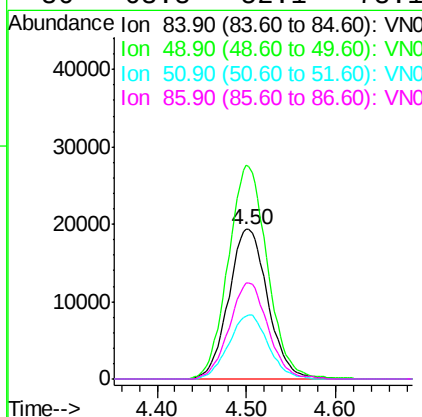
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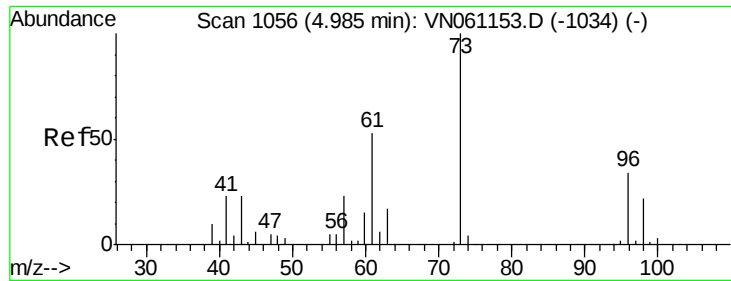
MMDadoda
5/8/2020 1:18:18 PM



#20
Methylene Chloride
Concen: 49.400 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 84 Resp: 58841
Ion Ratio Lower Upper
84 100
49 142.8 112.0 168.0
51 42.3 33.6 50.4
86 63.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.268 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

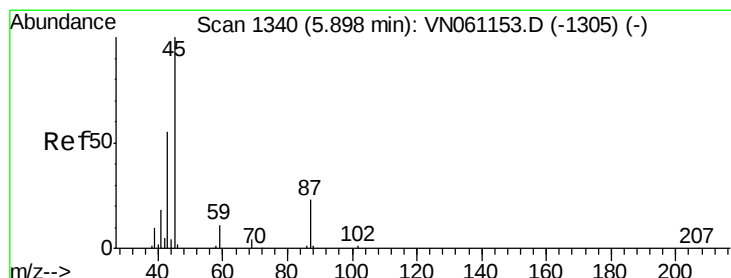
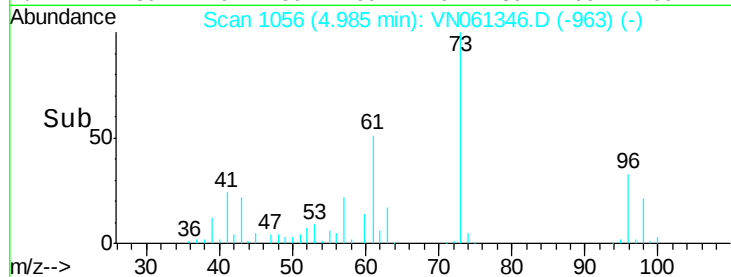
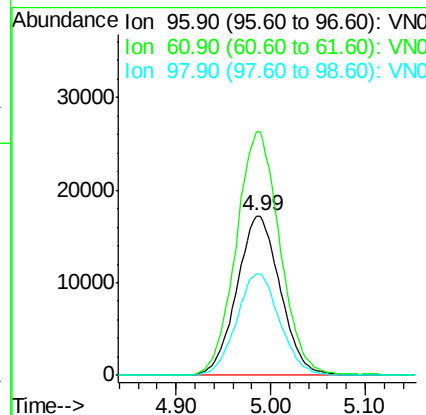
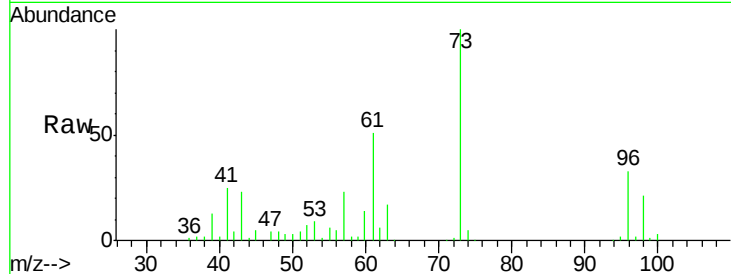
ClientSampleId :

SS050MW052-200504MS

Tot Ion:	96	Resp:	54644
Ion	Ratio	Lower	Upper
96	100		
61	152.8	123.0	184.4
98	63.7	50.1	75.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.266 ug/l

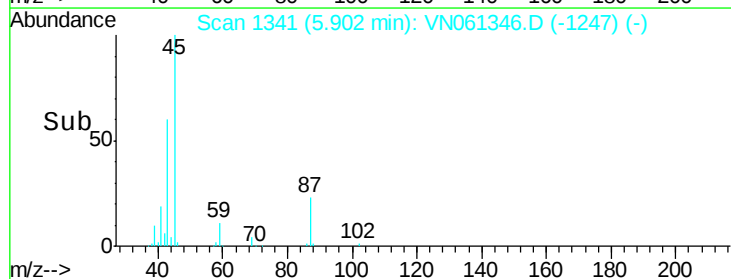
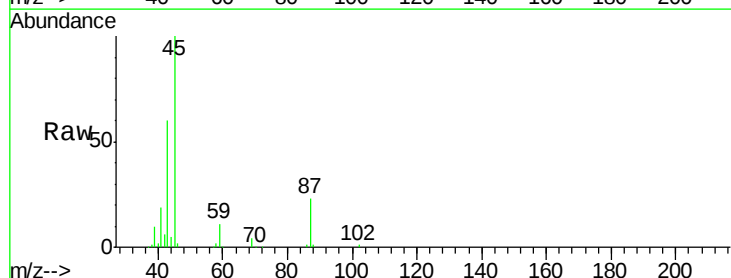
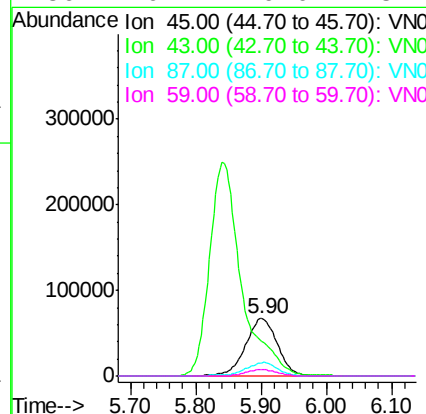
RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion:	45	Resp:	228896
Ion	Ratio	Lower	Upper
45	100		
43	59.5	47.9	71.9
87	23.3	19.2	28.8
59	10.7	9.0	13.4





#23

Vinyl Acetate

Concen: 241.083 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 43 Resp: 850123

Ion Ratio Lower Upper

43 100

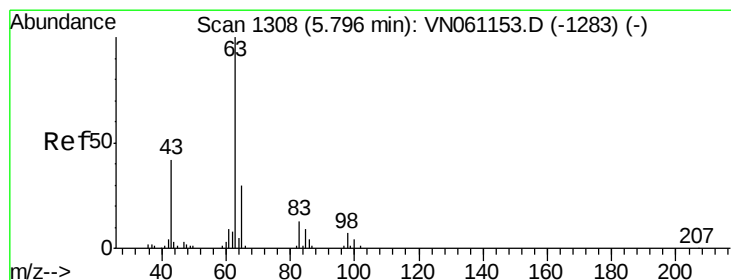
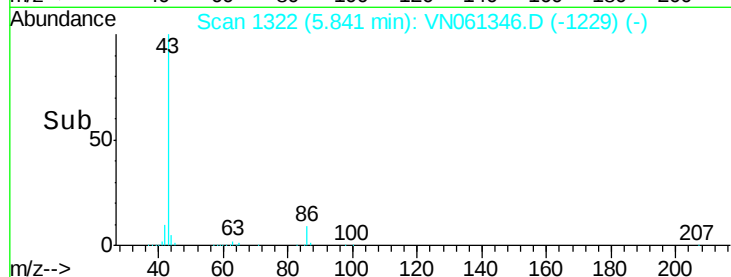
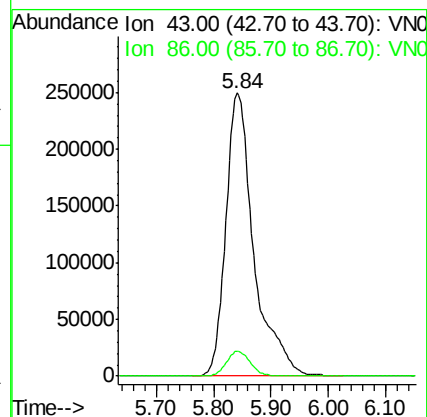
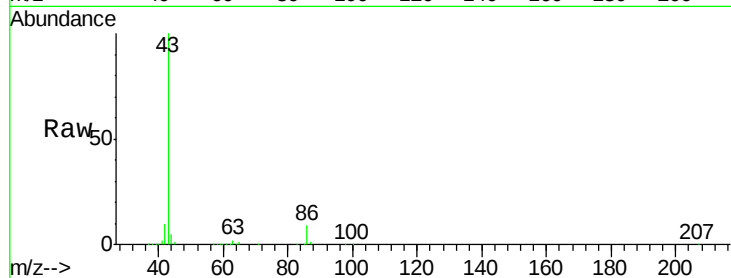
86 8.7 7.2 10.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.490 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

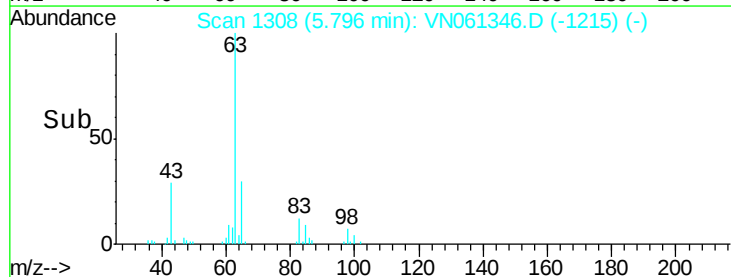
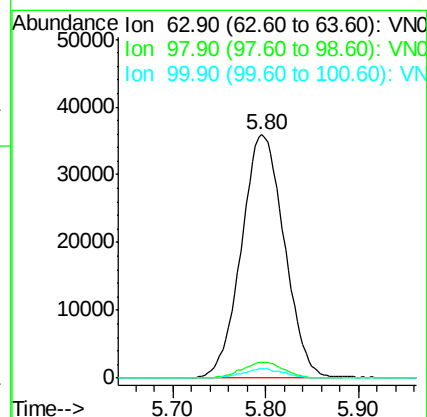
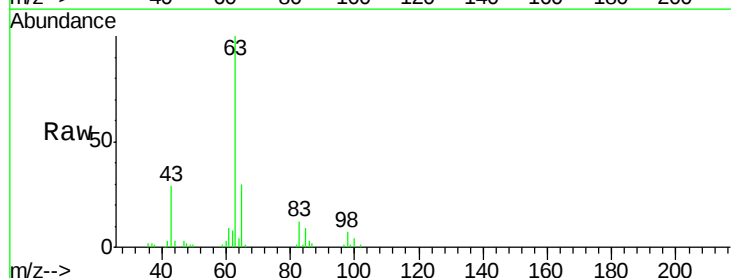
Tgt Ion: 63 Resp: 115531

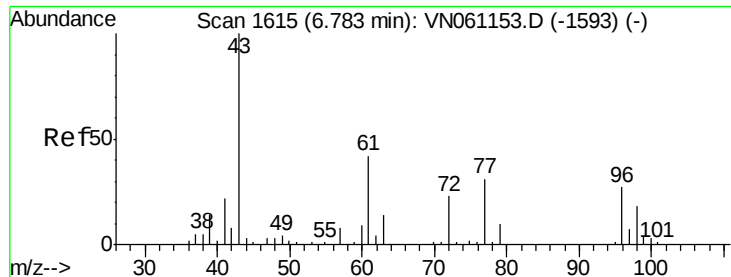
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 252.110 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 43 Resp: 227879

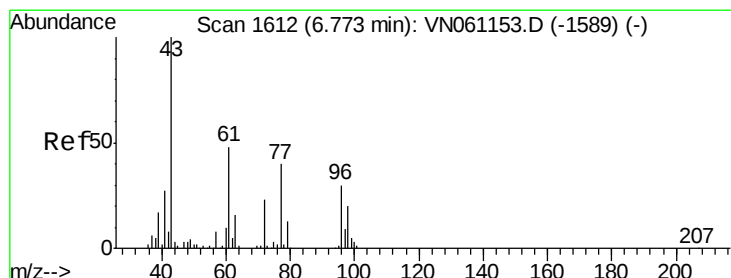
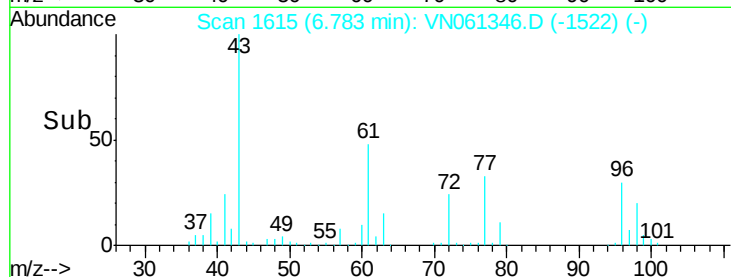
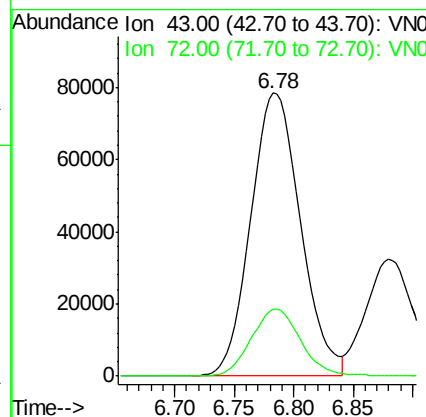
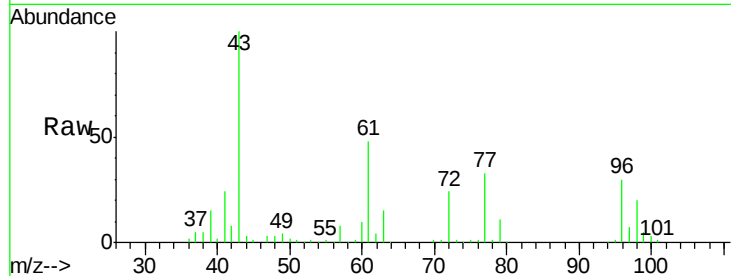
Ion Ratio Lower Upper

43 100

72 23.6 18.2 27.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 46.976 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VN061346.D

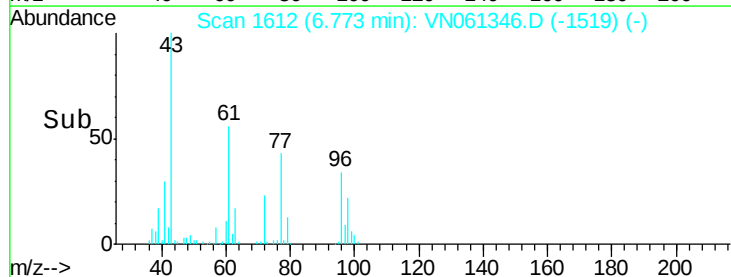
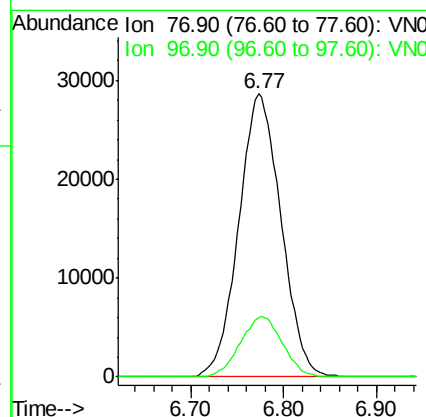
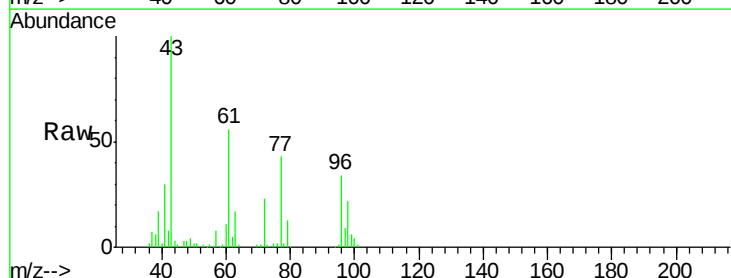
Acq: 7 May 2020 19:58

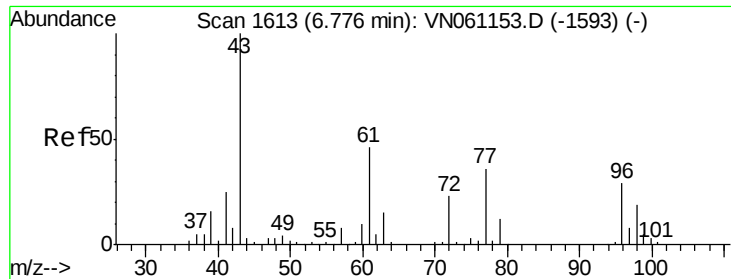
Tgt Ion: 77 Resp: 90538

Ion Ratio Lower Upper

77 100

97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.452 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

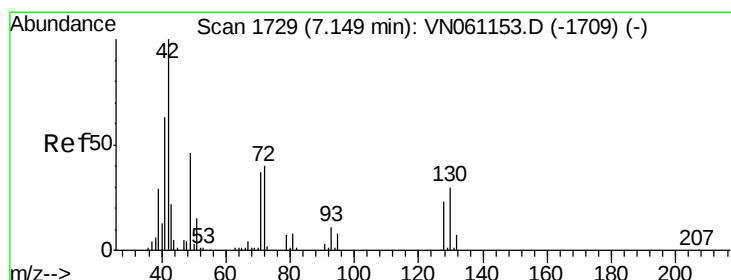
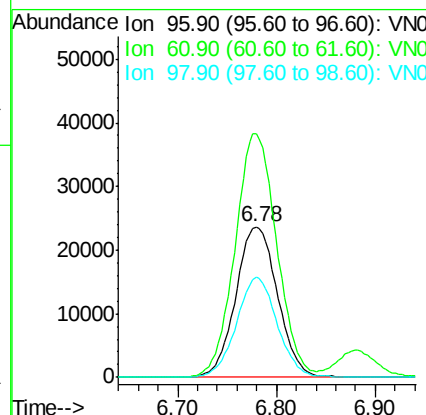
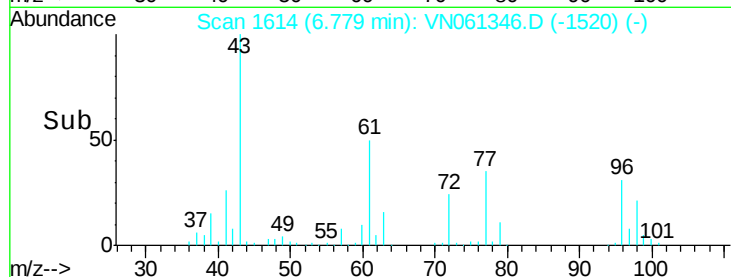
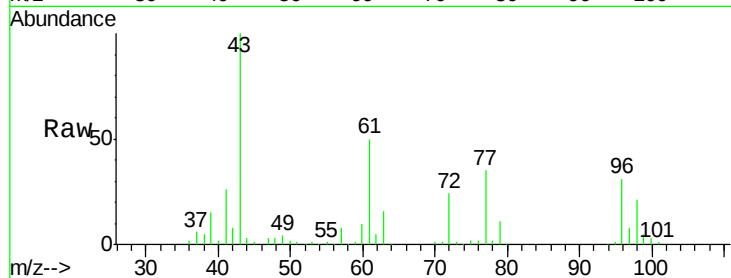
ClientSampleId :

SS050MW052-200504MS

Tot Ion:	96	Resp:	69571
Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	322.0
98	64.9	0.0	129.6

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#28

Bromochloromethane

Concen: 54.859 ug/l

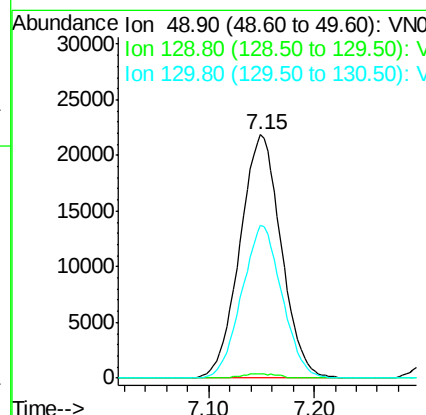
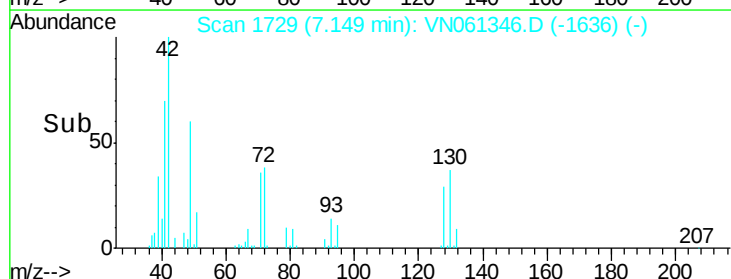
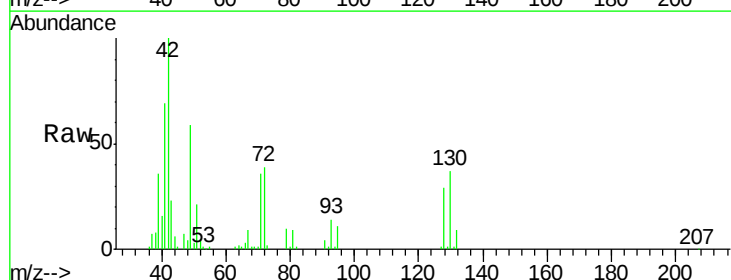
RT: 7.15 min Scan# 1729

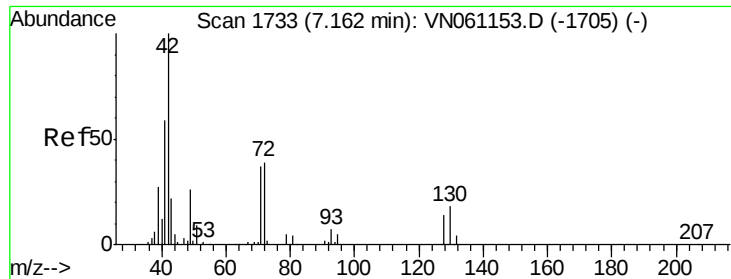
Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion:	49	Resp:	59497
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.0
130	61.1	51.4	77.2





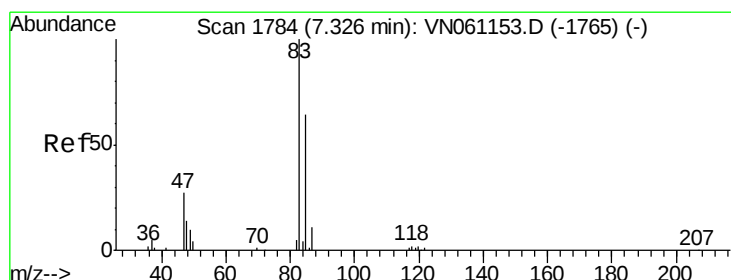
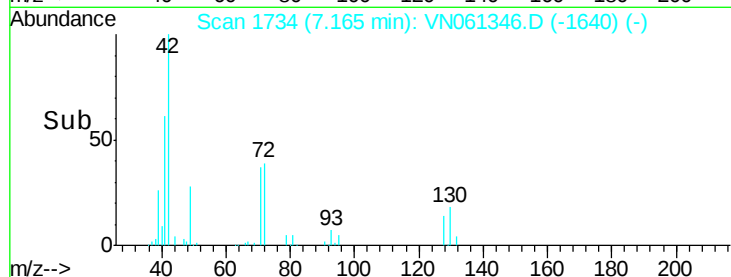
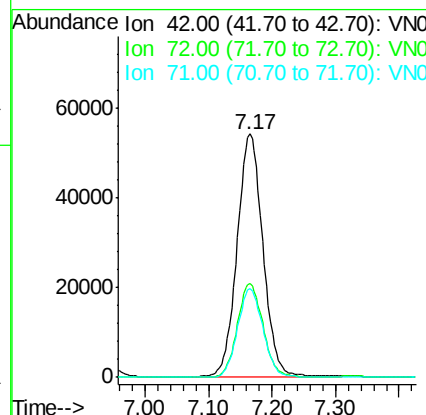
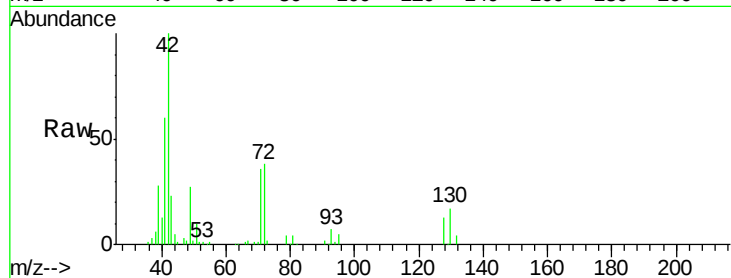
#29
Tetrahydrofuran
Concen: 253.208 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.4	47.0
71	35.4	29.5	44.3

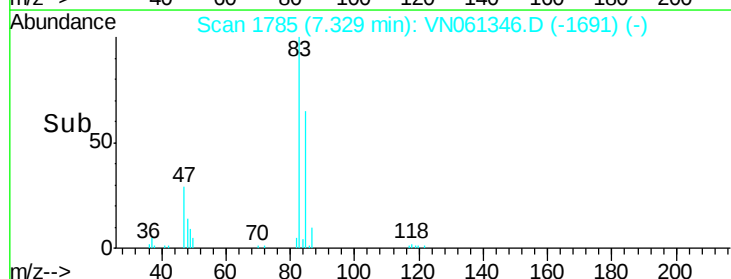
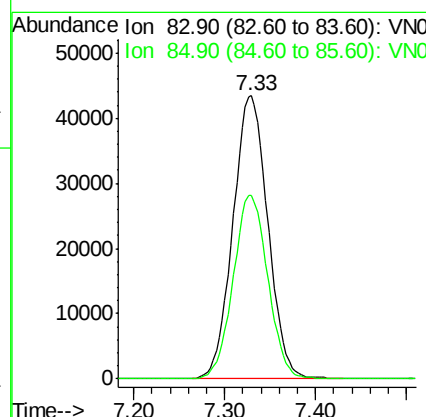
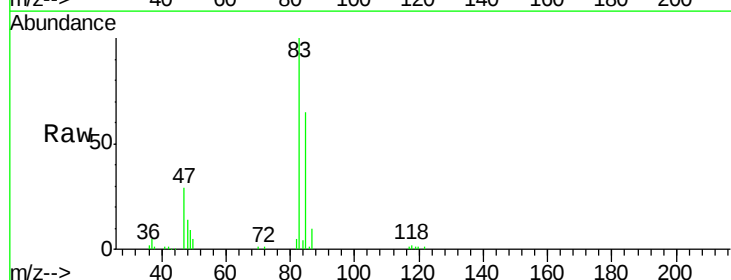
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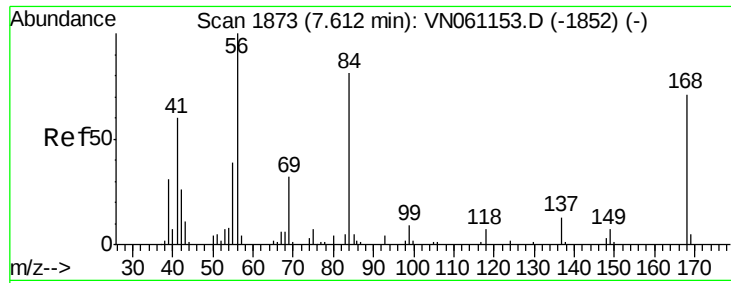
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5/8/2020 1:18:18 PM



#30
Chloroform
Concen: 49.928 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.1	76.7





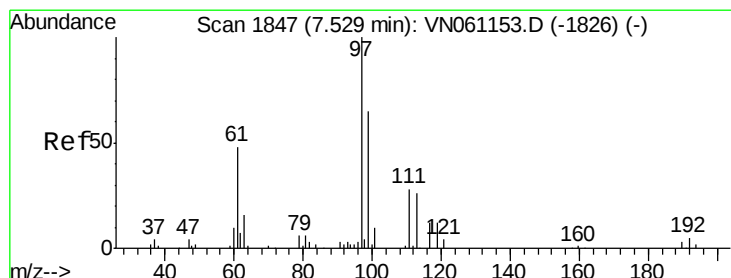
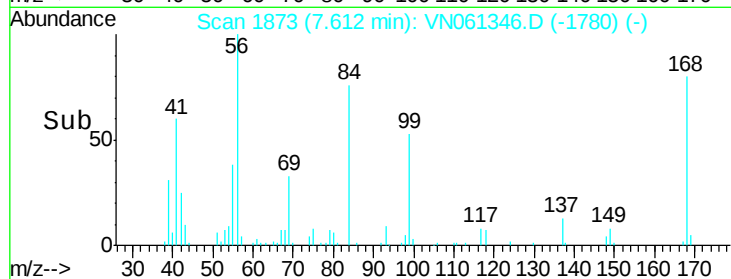
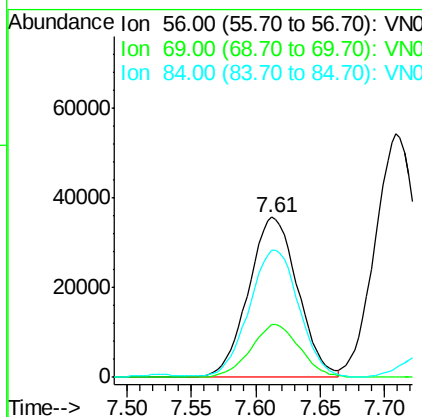
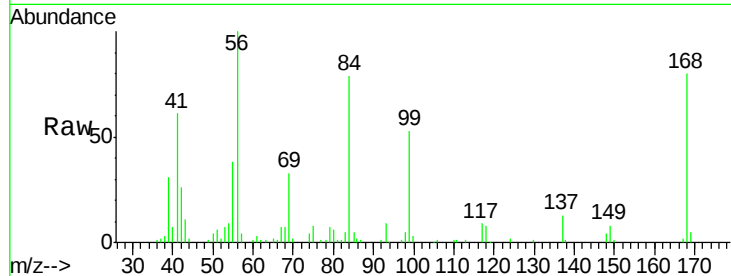
#31
Cyclohexane
Concen: 42.796 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.7	38.5
84	78.2	64.6	97.0

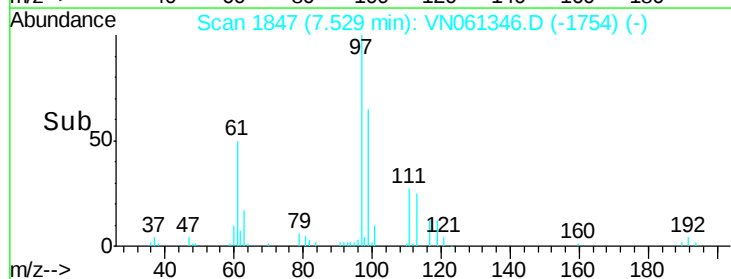
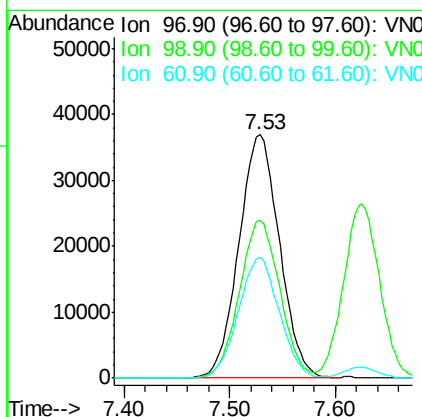
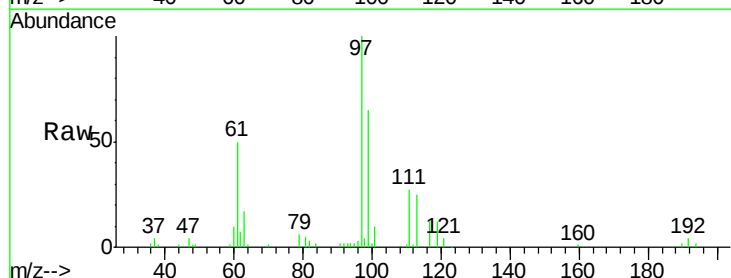
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#32
1,1,1-Trichloroethane
Concen: 49.050 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	49.8	38.6	57.8





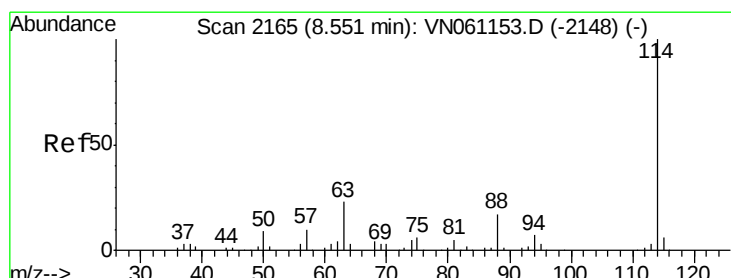
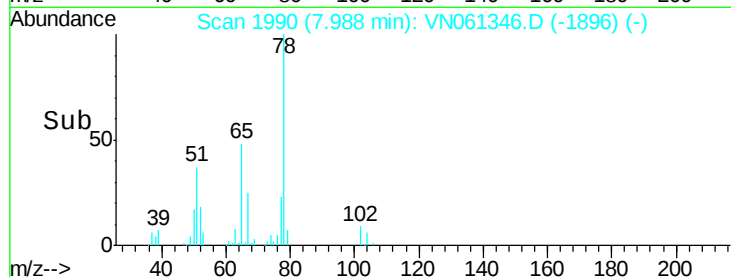
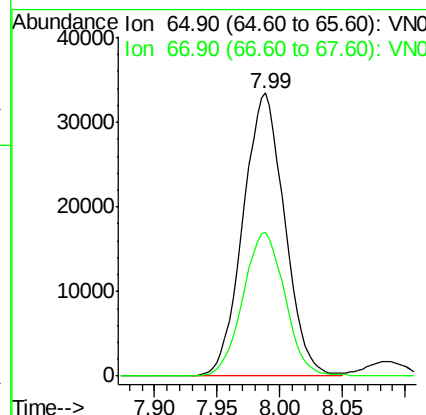
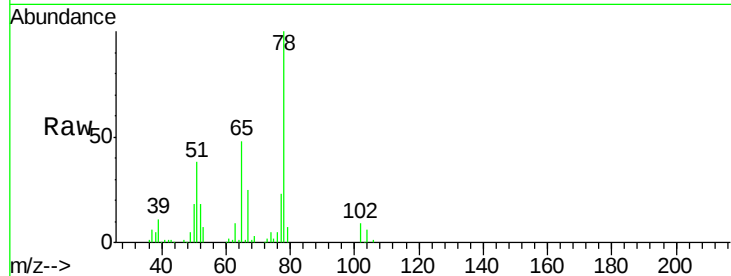
#33
 1,2-Dichloroethane-d4
 Concen: 50.596 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	77287		
67	51.1	0.0	101.6	

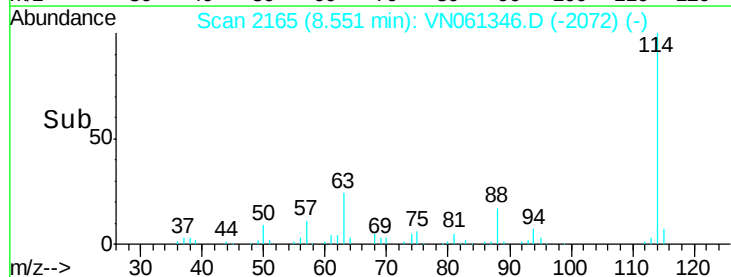
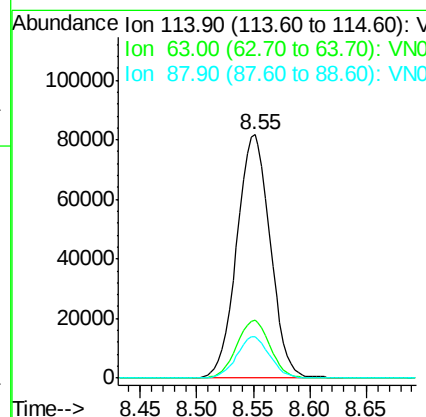
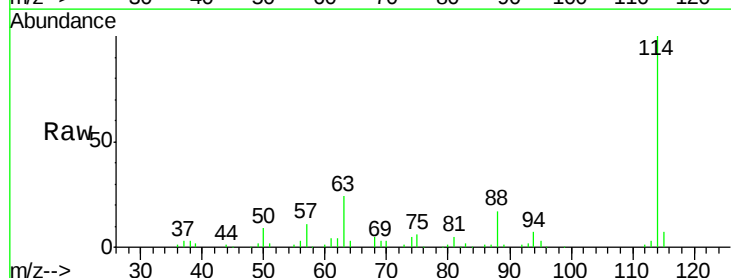
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	168544		
63	23.7	0.0	46.6	
88	17.1	0.0	33.4	





#35

Dibromofluoromethane

Concen: 47.638 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

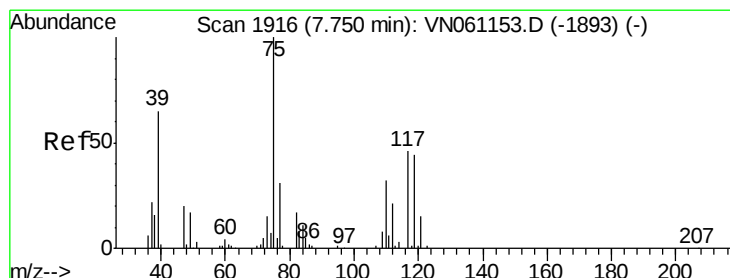
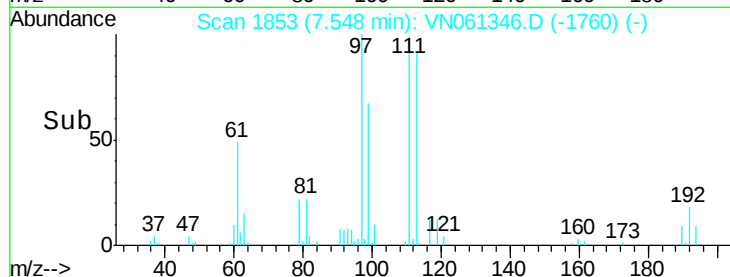
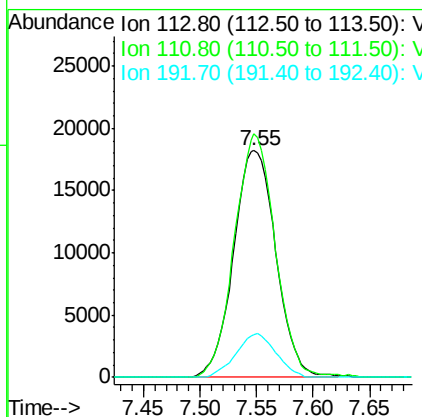
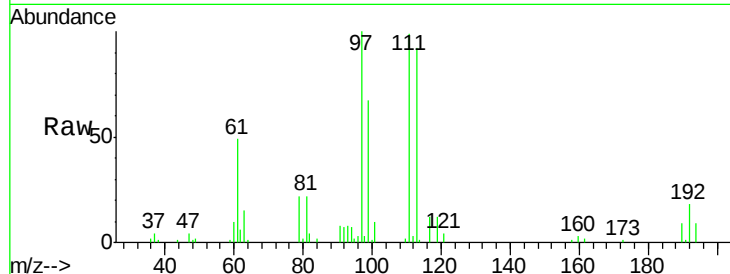
ClientSampleId :

SS050MW052-200504MS

Tot Ion:	113	Resp:	47478
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	18.0	14.7	22.1

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#36

1,1-Dichloropropene

Concen: 48.822 ug/l

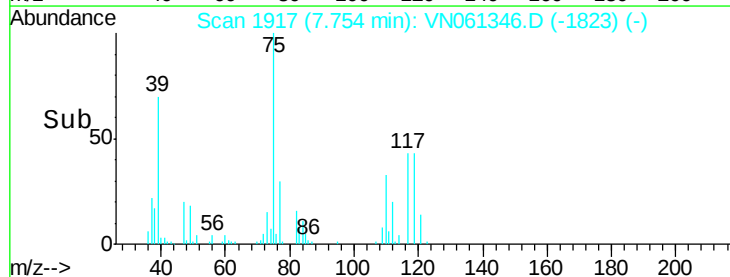
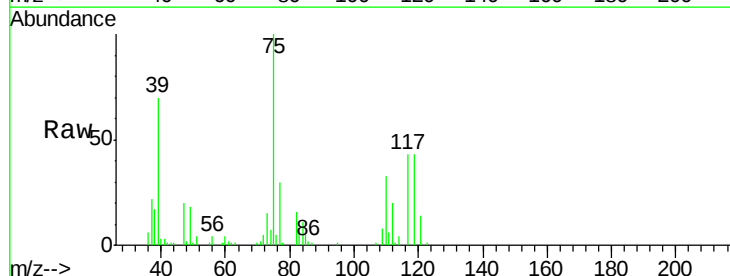
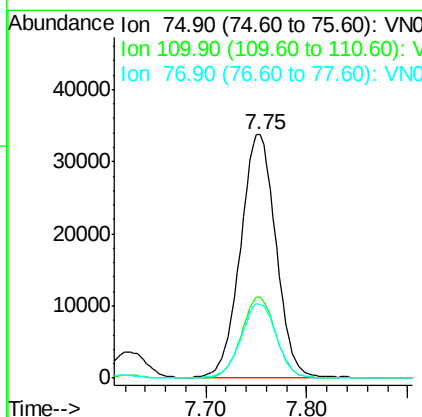
RT: 7.75 min Scan# 1917

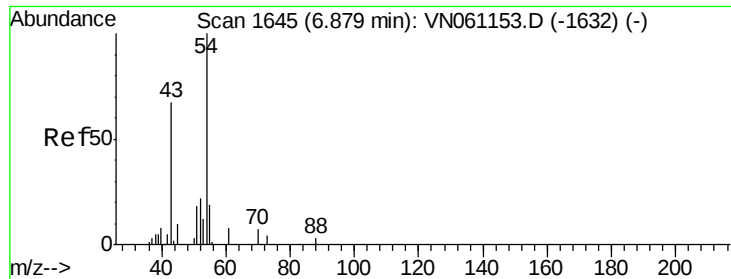
Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion:	75	Resp:	82373
Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.0	48.0
77	30.5	24.6	37.0





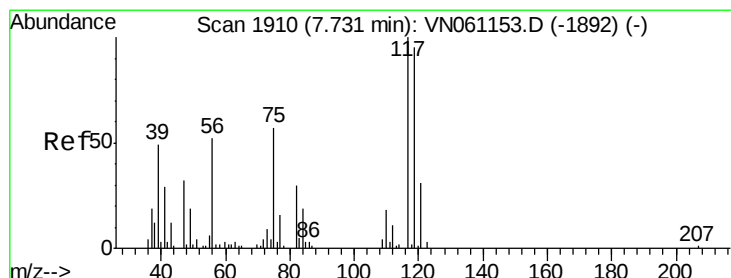
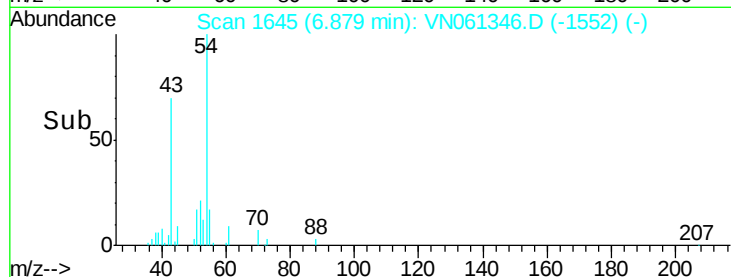
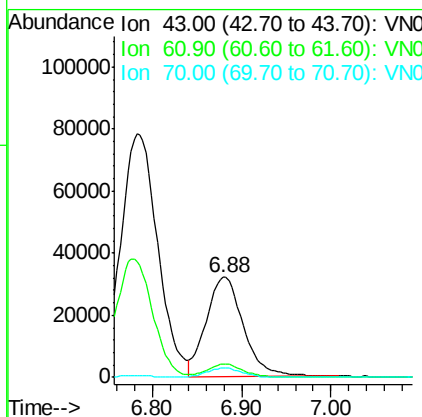
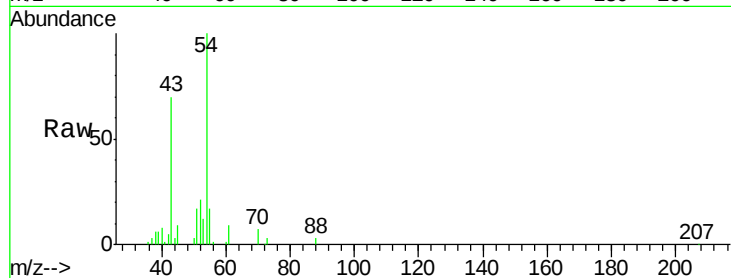
#37
Ethyl Acetate
Concen: 47.186 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion	43	61	70
Resp	93332		
Ratio	100	12.7	8.8
Lower		10.2	7.2
Upper		15.2	10.8

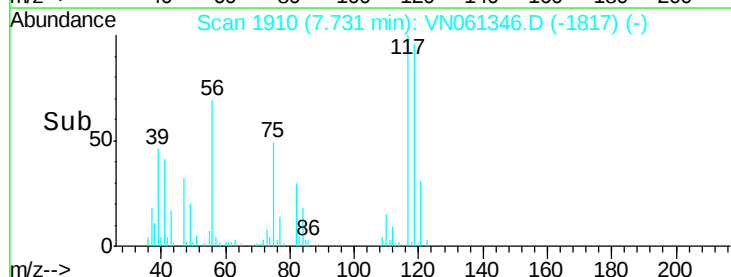
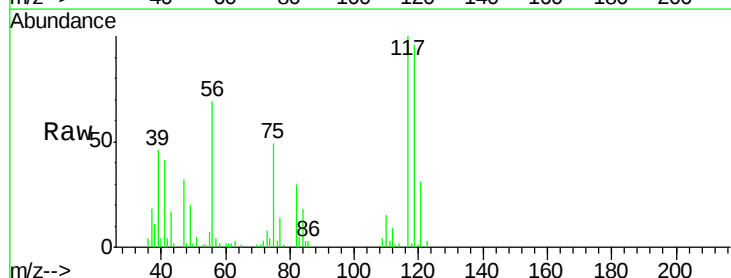
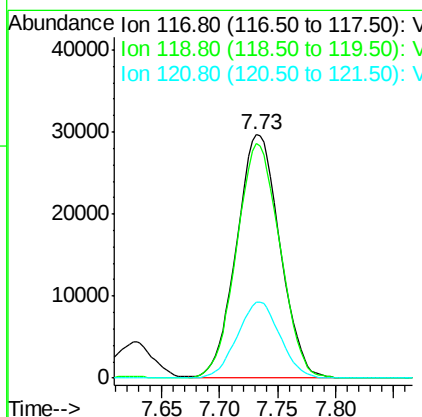
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#38
Carbon Tetrachloride
Concen: 50.284 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	117	119	121
Resp	77427		
Ratio	100	96.4	31.0
Lower		75.8	24.7
Upper		113.6	37.1





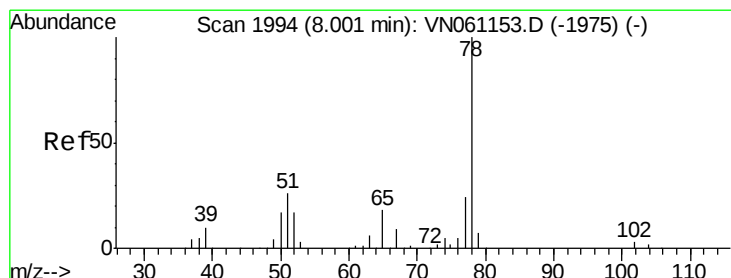
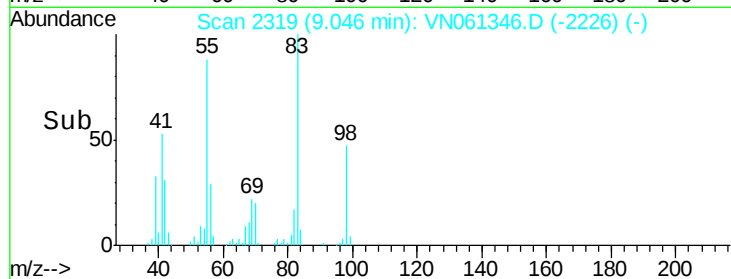
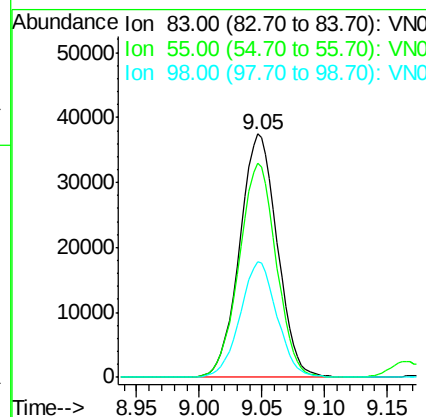
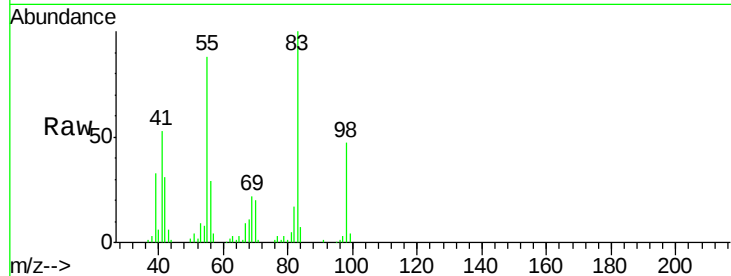
#39
Methvlcvclohexane
Concen: 41.266 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.9	67.3	100.9
98	47.3	37.7	56.5

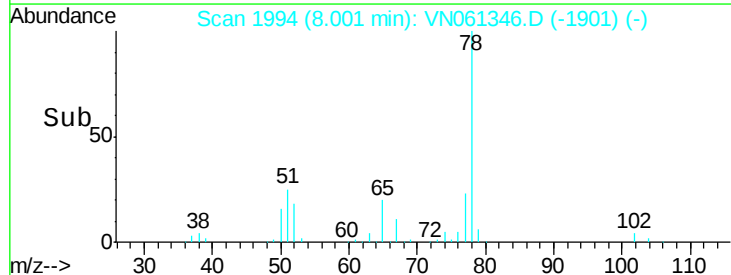
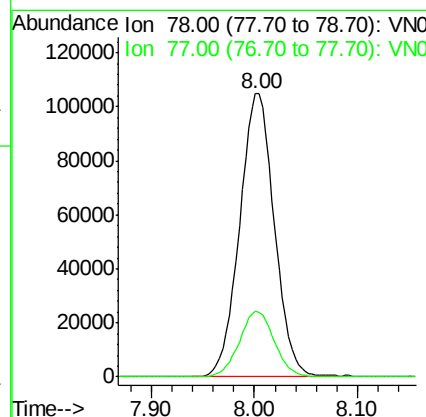
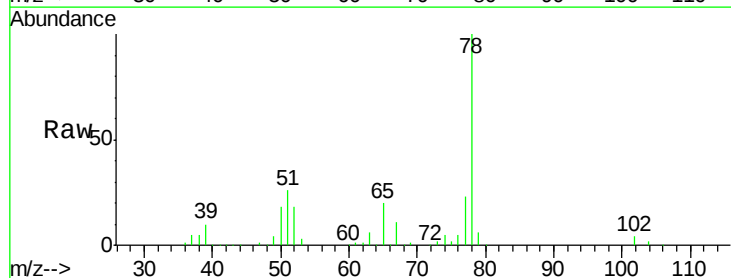
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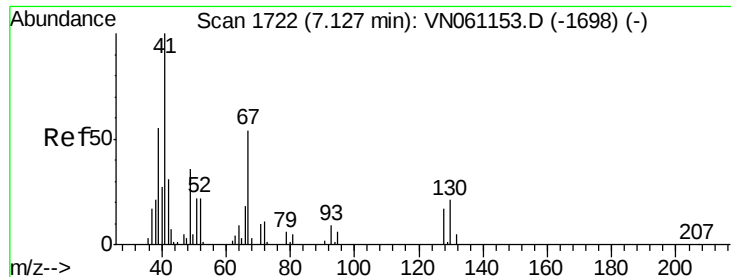
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#40
Benzene
Concen: 48.839 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





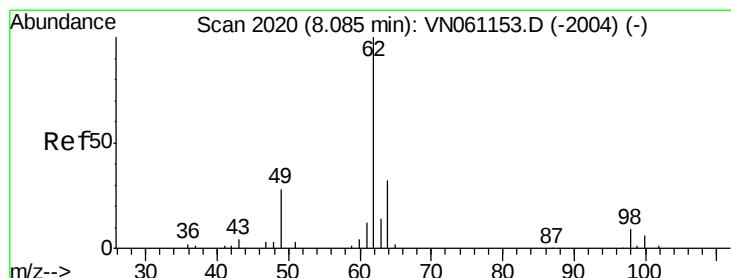
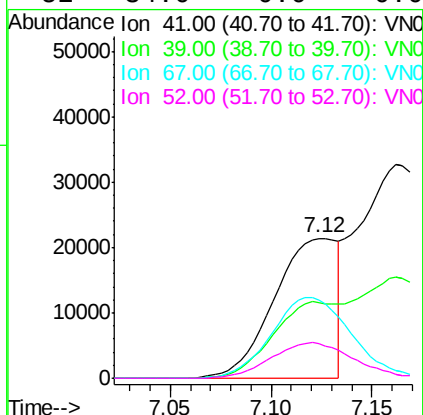
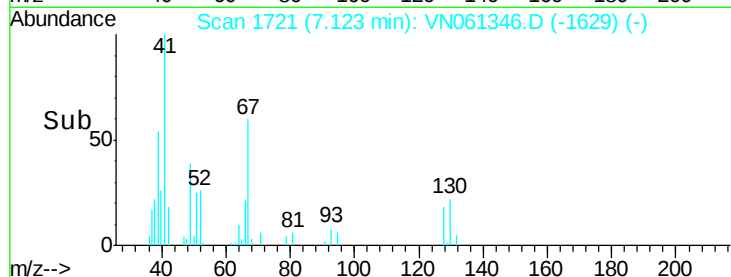
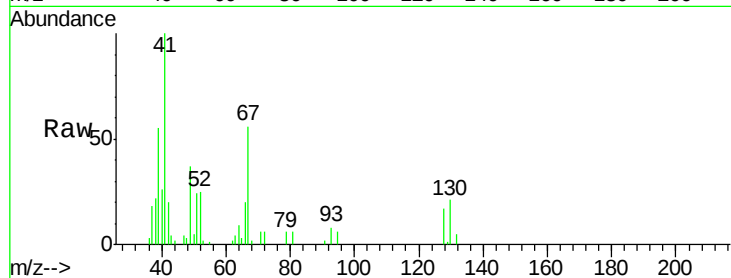
#41
Methacrylonitrile
Concen: 56.463 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.3	0.0	0.0#
67	73.9	0.0	0.0#
52	34.0	0.0	0.0#

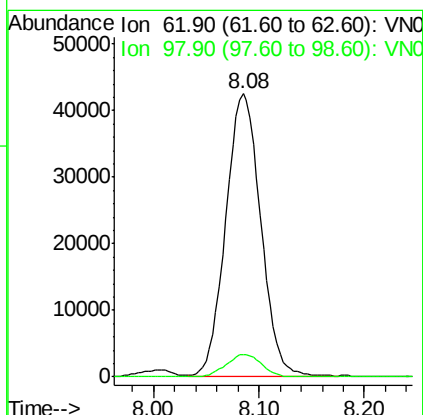
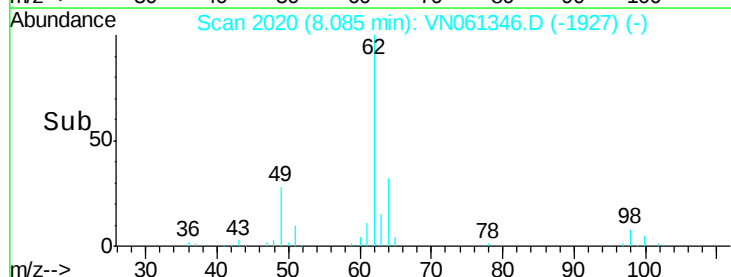
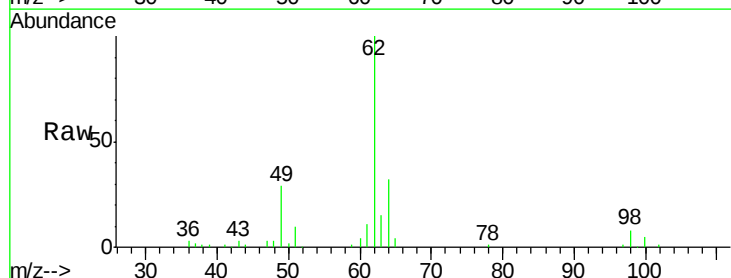
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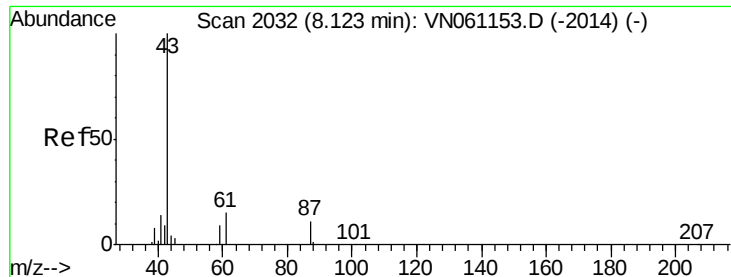
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#42
1,2-Dichloroethane
Concen: 51.165 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.8





#43

Isopropyl Acetate

Concen: 48.415 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

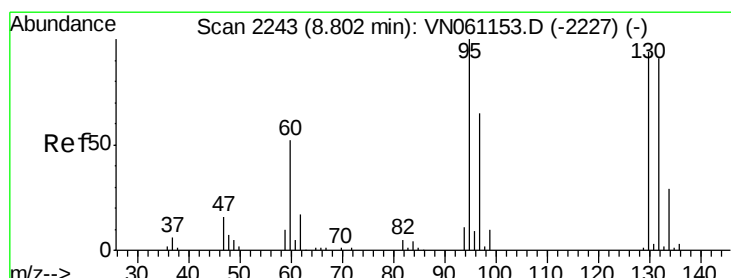
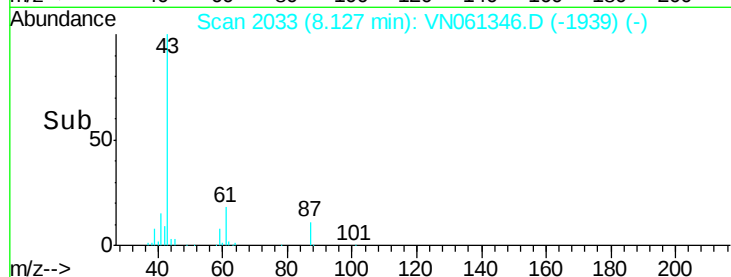
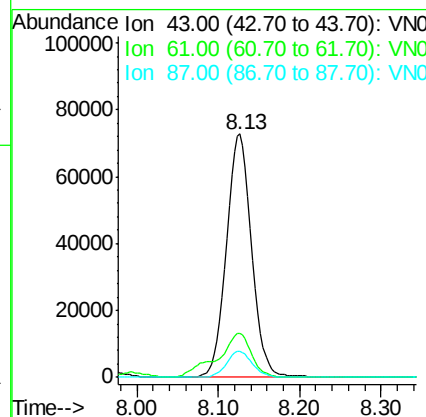
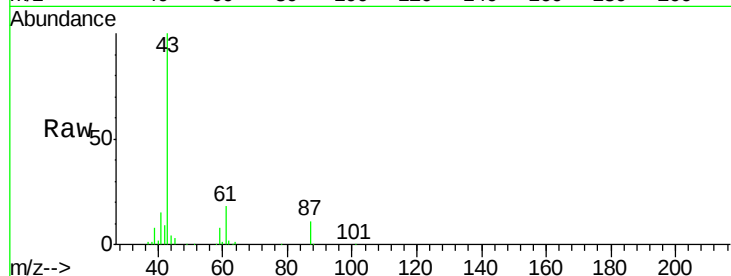
ClientSampleId :

SS050MW052-200504MS

Tot Ion:	43	Resp:	158929
Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.5	29.3
87	10.8	8.9	13.3

Manual Integrations
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#44

Trichloroethene

Concen: 48.242 ug/l

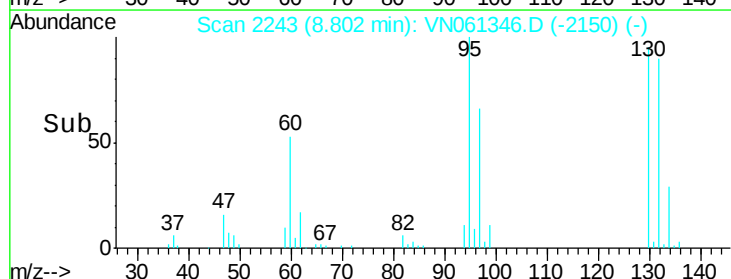
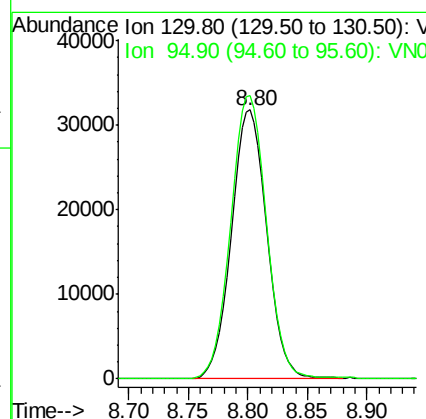
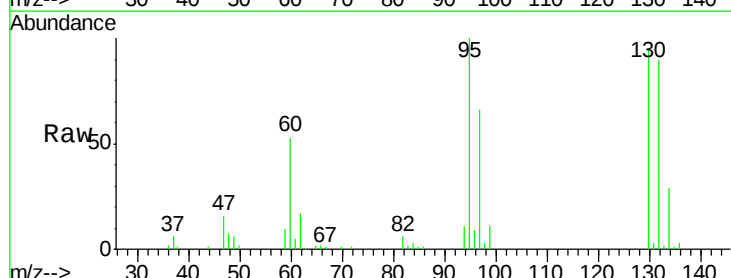
RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion:	130	Resp:	65553
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	212.4





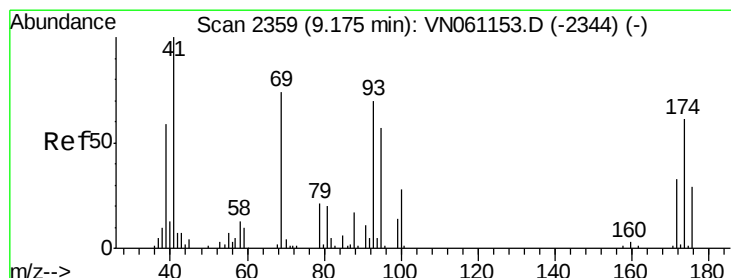
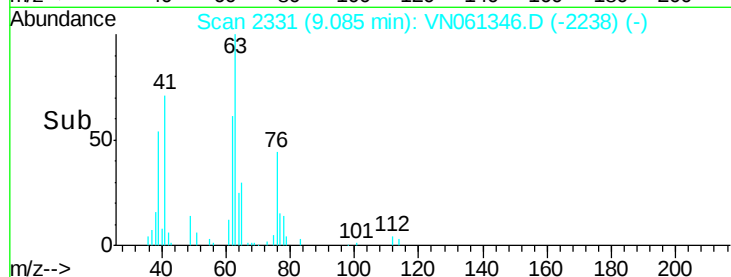
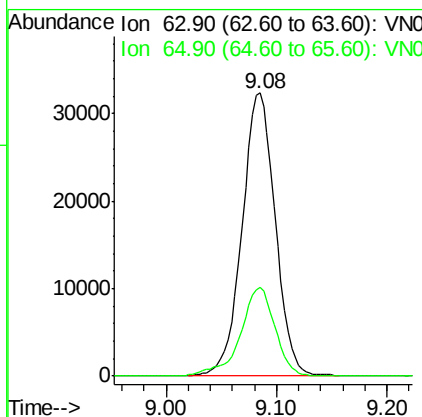
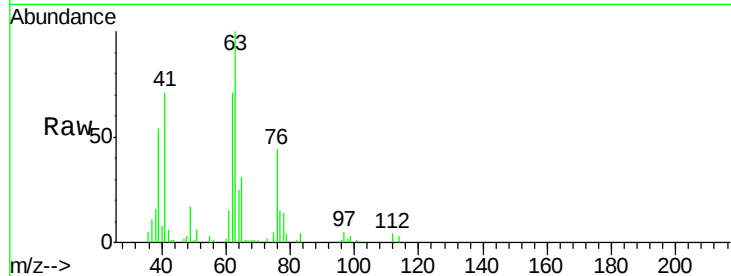
#45
 1,2-Dichloropropane
 Concen: 50.122 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Tot Ion: 63 Resp: 67309
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1

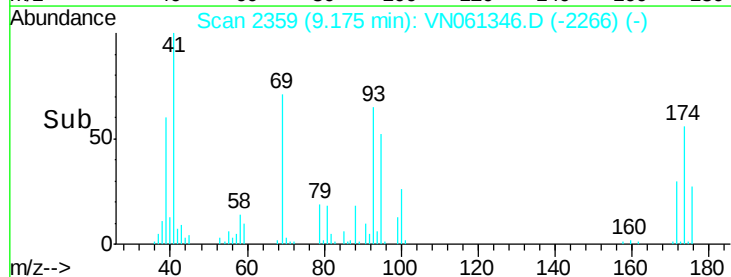
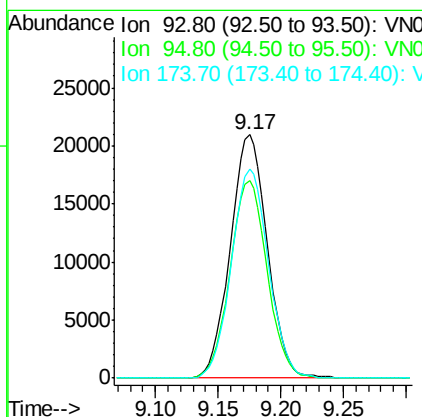
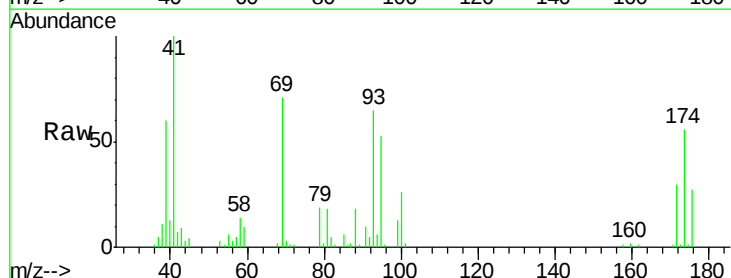
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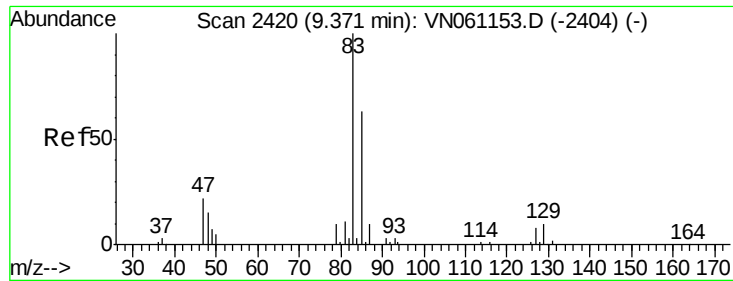
MMDadoda
 5/8/2020 1:18:18 PM



#46
 Dibromomethane
 Concen: 51.773 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 93 Resp: 43048
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.6 99.8
 174 85.9 70.2 105.2





#47

Bromodichloromethane

Concen: 51.798 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

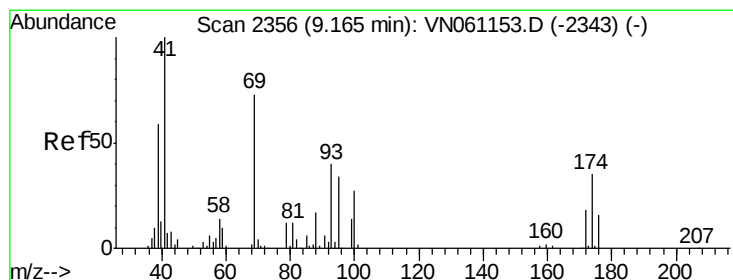
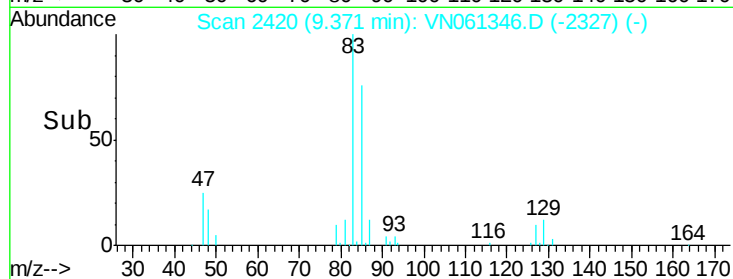
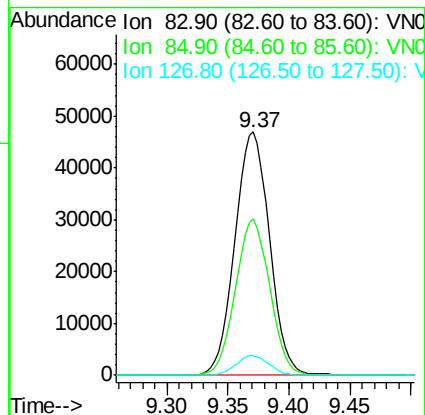
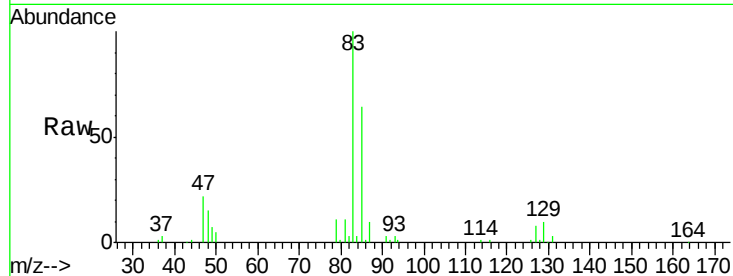
ClientSampleId :

SS050MW052-200504MS

Tot Ion:	83	Resp:	92444
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.4	75.6
127	8.1	6.2	9.2

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#48

Methyl methacrylate

Concen: 53.448 ug/l

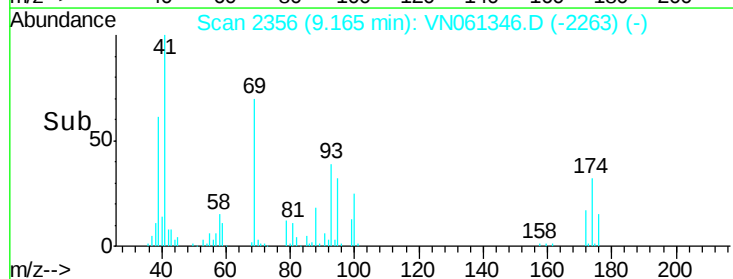
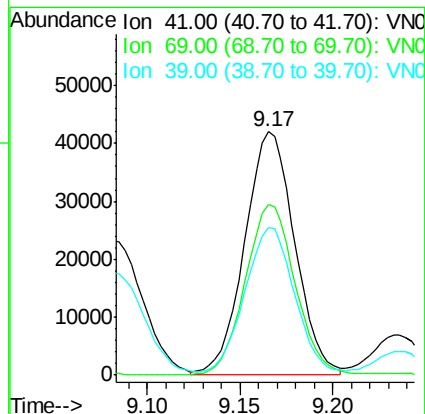
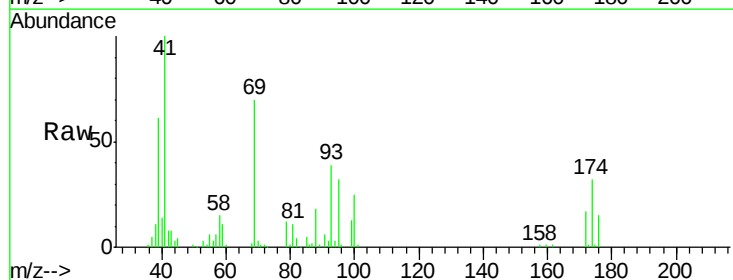
RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion:	41	Resp:	79172
Ion	Ratio	Lower	Upper
41	100		
69	70.4	60.3	90.5
39	60.5	47.4	71.0





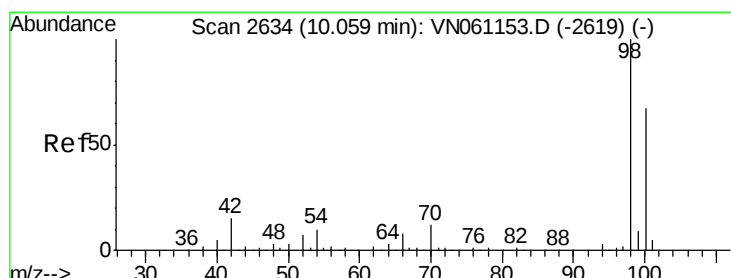
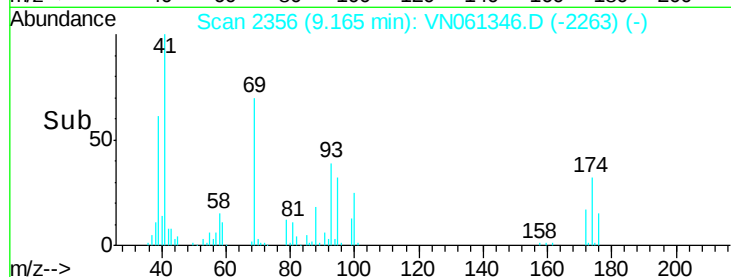
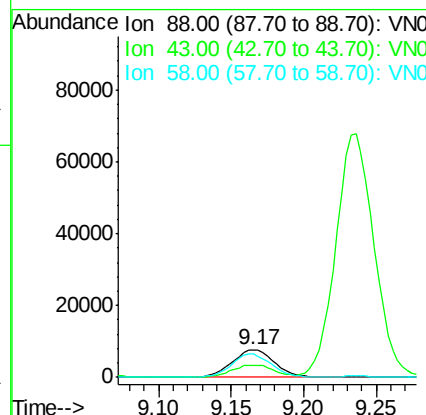
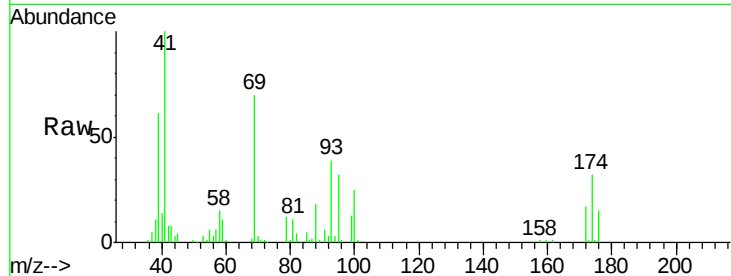
#49
1,4-Dioxane
Concen: 930.558 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	45.1	35.3	52.9
58	79.4	61.5	92.3

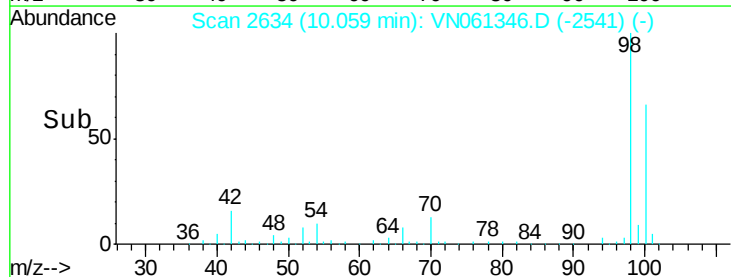
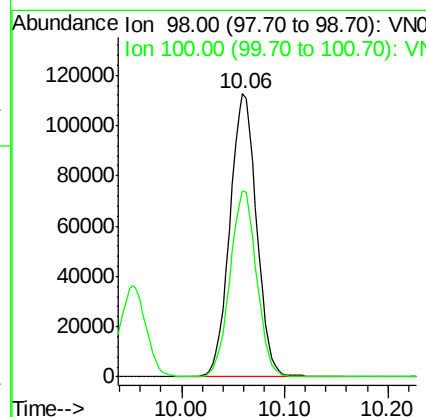
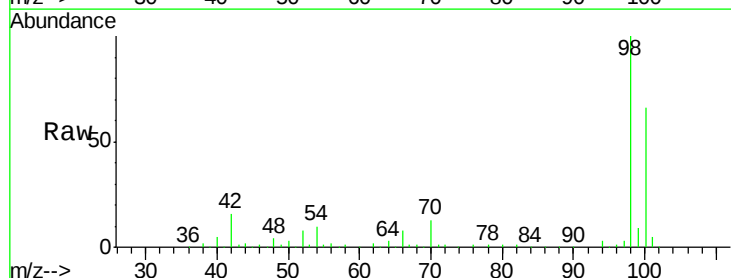
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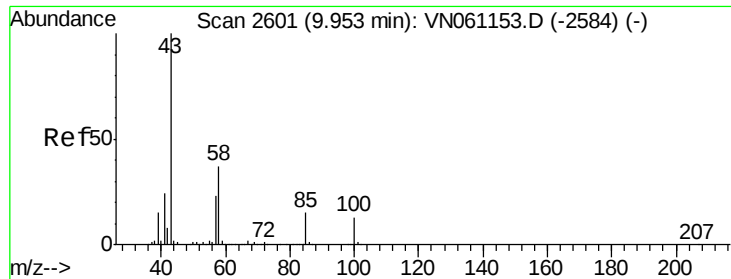
MMDadoda
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#50
Toluene-d8
Concen: 50.113 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 259.865 ug/l

RT: 9.95 min Scan# 2601

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 43 Resp: 502117

Ion Ratio Lower Upper

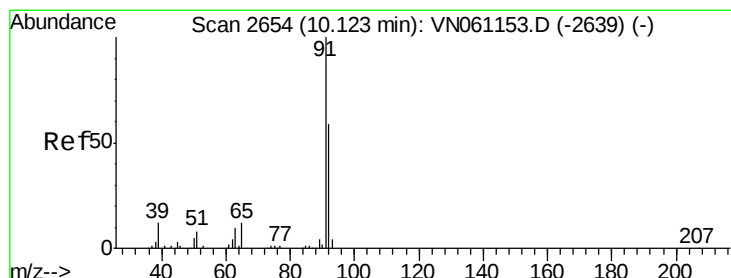
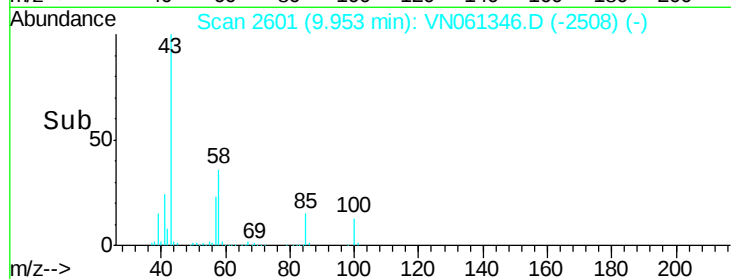
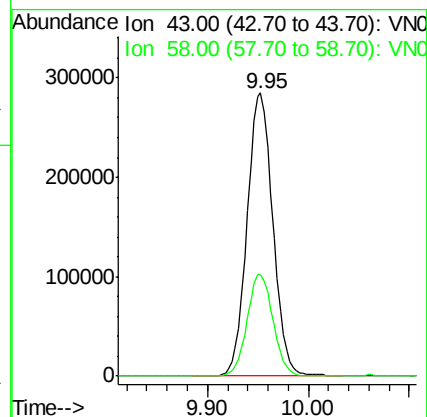
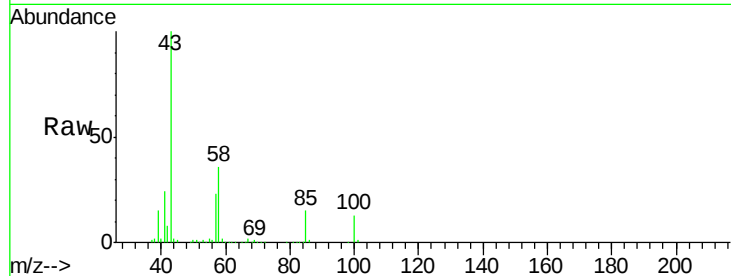
43 100

58 36.1 29.1 43.7

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#52

Toluene

Concen: 49.299 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061346.D

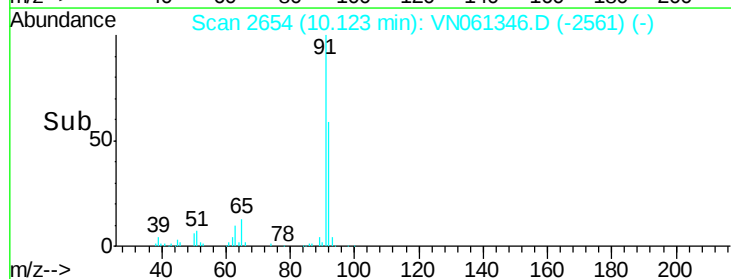
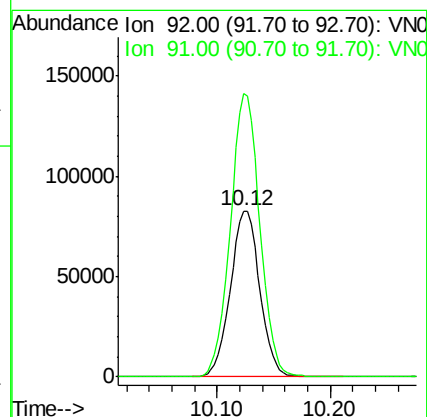
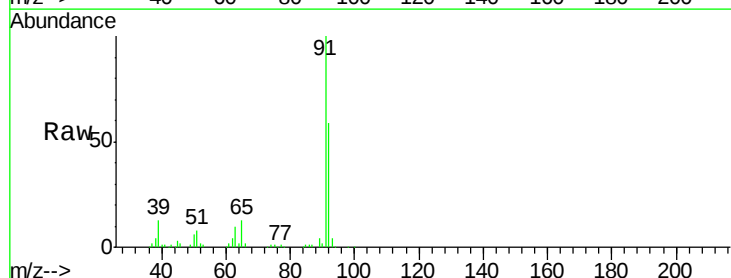
Acq: 7 May 2020 19:58

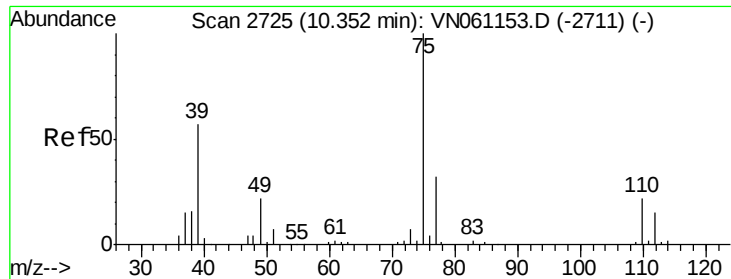
Tgt Ion: 92 Resp: 149261

Ion Ratio Lower Upper

92 100

91 171.0 136.2 204.2





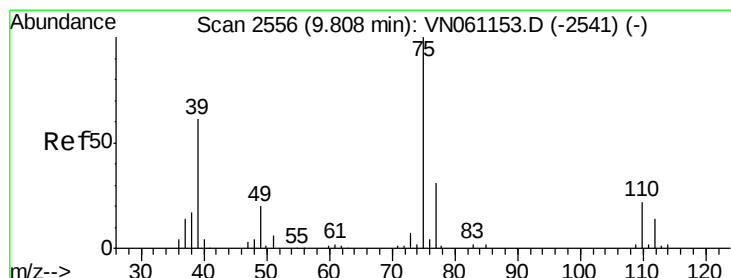
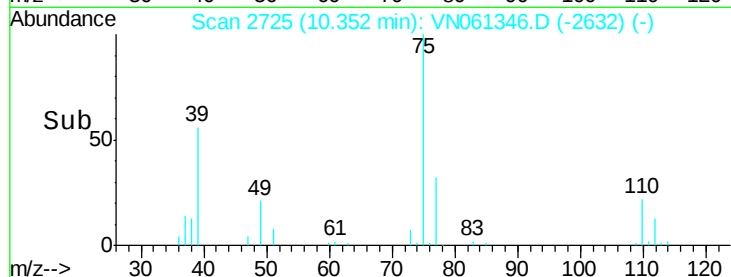
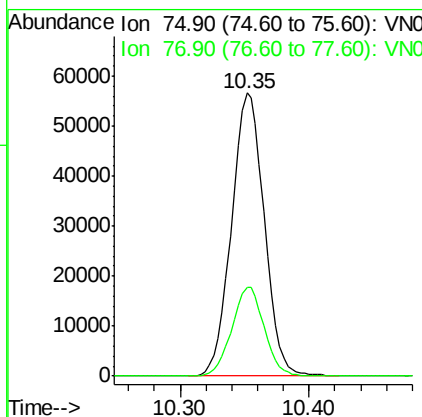
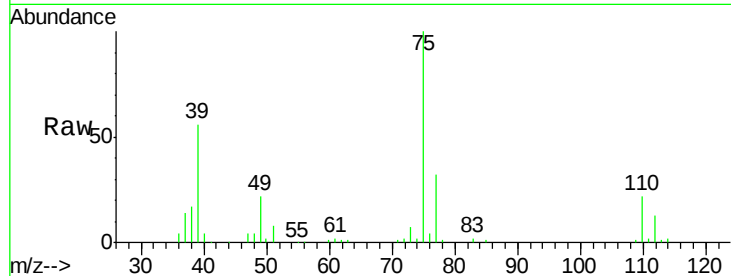
#53
t-1,3-Dichloropropene
Concen: 49.584 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion: 75 Resp: 99712
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

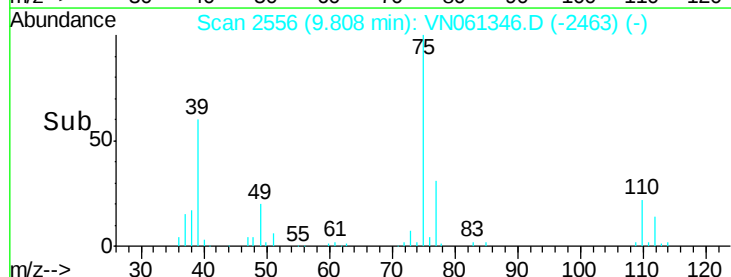
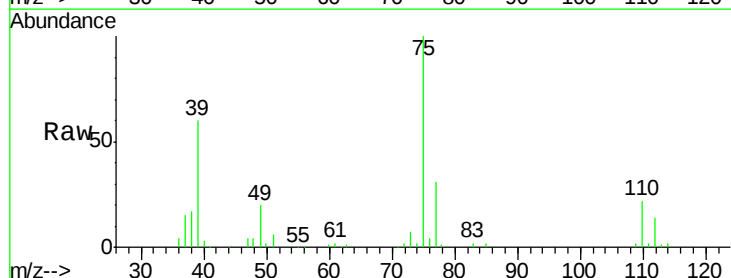
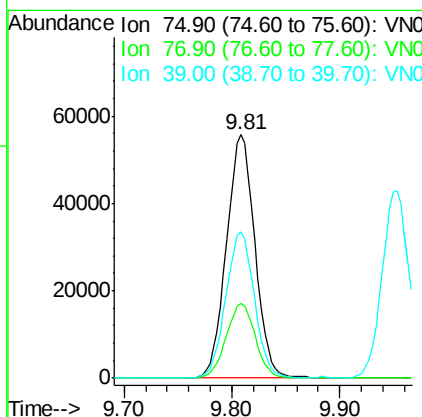
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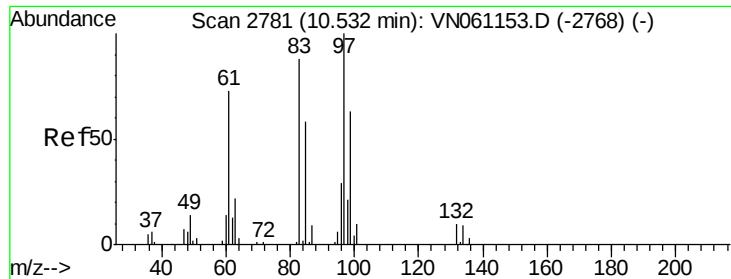
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#54
cis-1,3-Dichloropropene
Concen: 48.279 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 75 Resp: 102642
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4
39 59.9 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 49.409 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 97 Resp: 59669

Ion Ratio Lower Upper

97 100

83 90.7 70.6 106.0

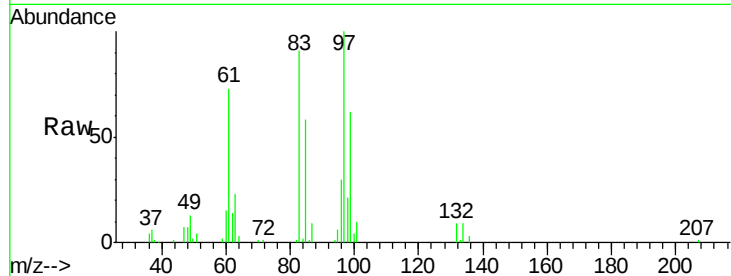
85 57.8 46.4 69.6

99 62.1 50.6 75.8

Manual Integrations
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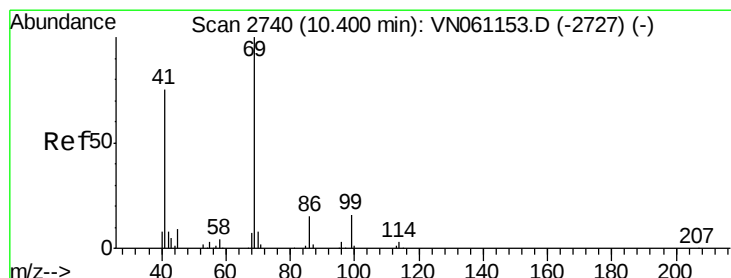
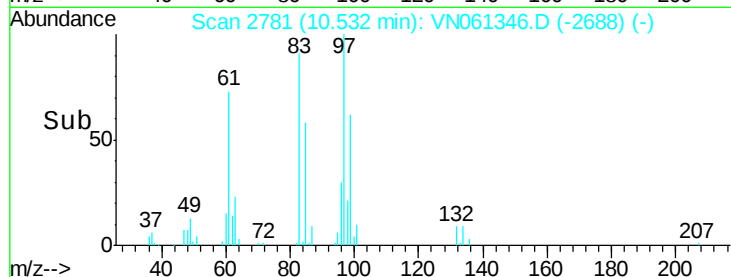
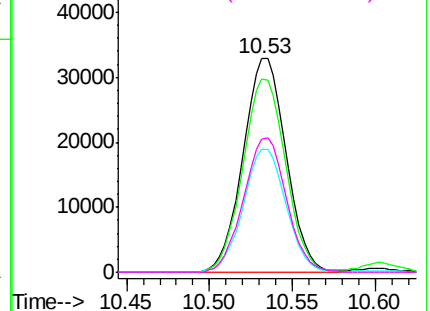


Abundance Ion 96.90 (96.60 to 97.60): VN061346.D (-2688) (-)

Ion 82.90 (82.60 to 83.60): VN061346.D (-2688) (-)

Ion 84.90 (84.60 to 85.60): VN061346.D (-2688) (-)

Ion 98.90 (98.60 to 99.60): VN061346.D (-2688) (-)



#56

Ethyl methacrylate

Concen: 46.180 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

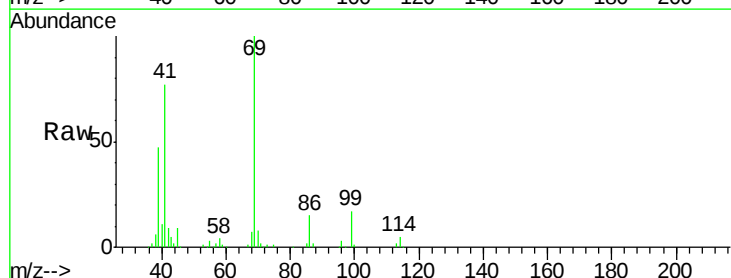
Tgt Ion: 69 Resp: 96718

Ion Ratio Lower Upper

69 100

41 75.6 60.3 90.5

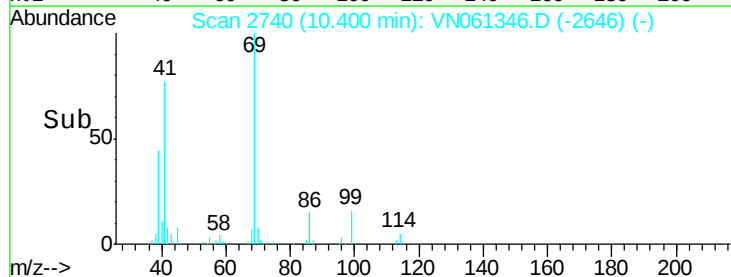
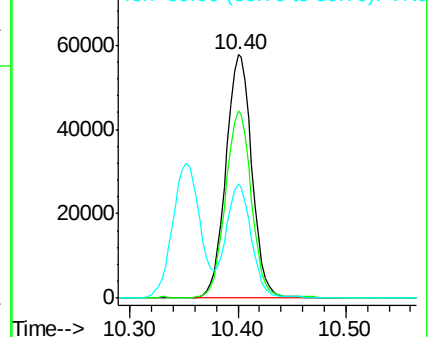
39 45.5 35.9 53.9

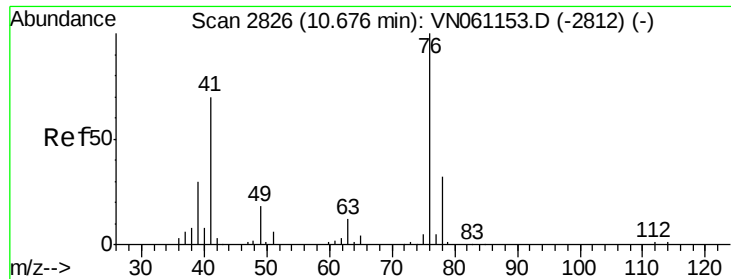


Abundance Ion 69.00 (68.70 to 69.70): VN061346.D (-2646) (-)

Ion 41.00 (40.70 to 41.70): VN061346.D (-2646) (-)

Ion 39.00 (38.70 to 39.70): VN061346.D (-2646) (-)





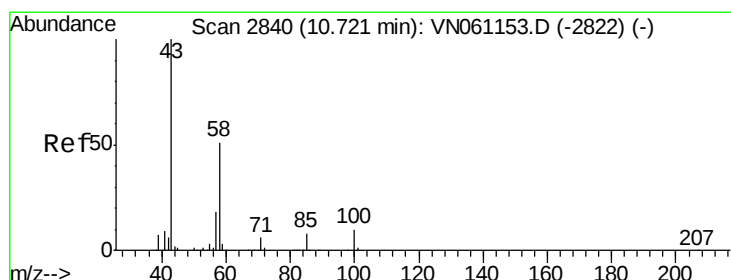
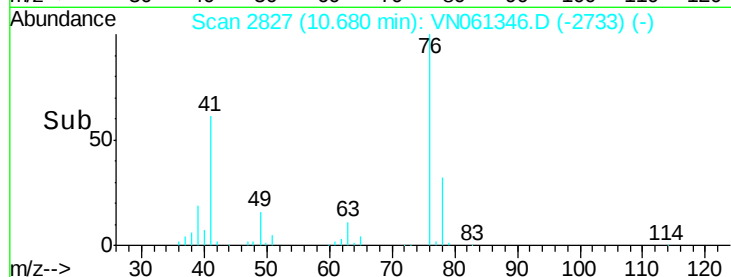
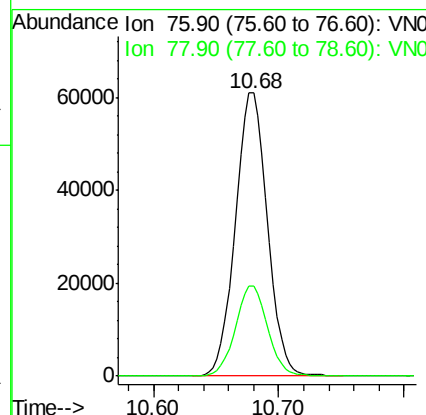
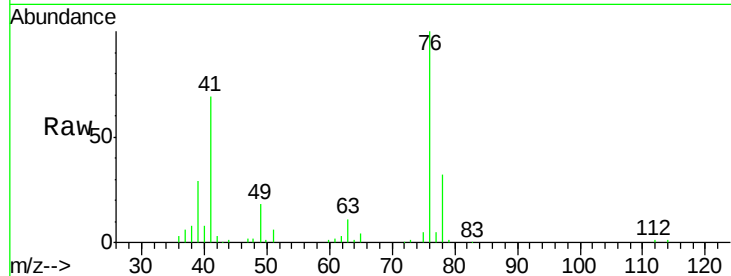
#57
 1,3-Dichloropropane
 Concen: 50.876 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

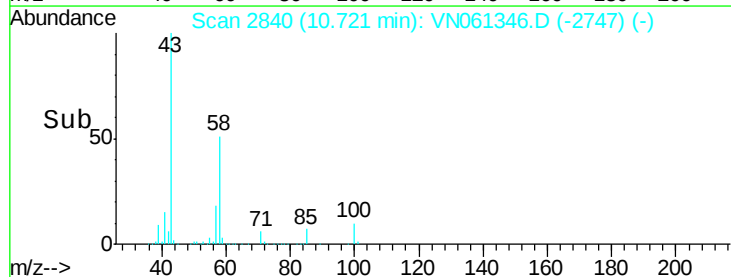
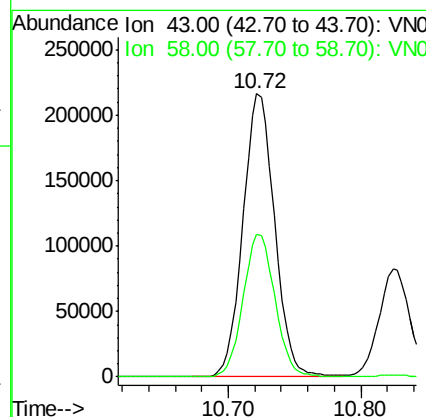
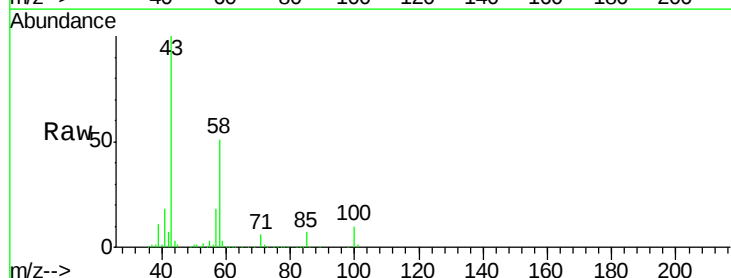
Manual Integrations
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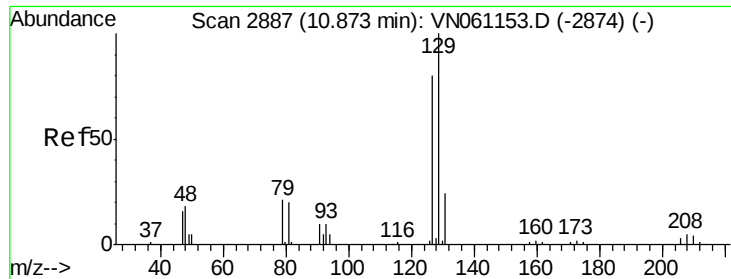
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#59
 2-Hexanone
 Concen: 255.830 ug/l
 RT: 10.72 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.8	25.4	76.4





#60

Dibromochloromethane

Concen: 50.949 ug/l

RT: 10.87 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion:129 Resp: 64441

Ion Ratio Lower Upper

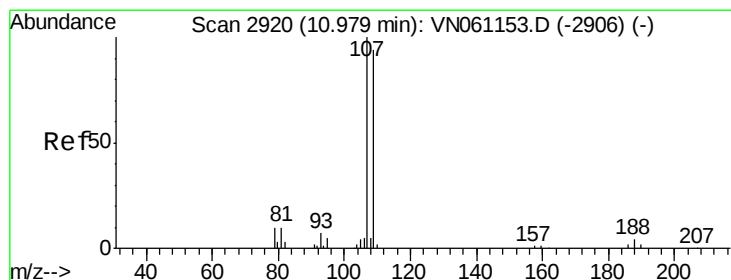
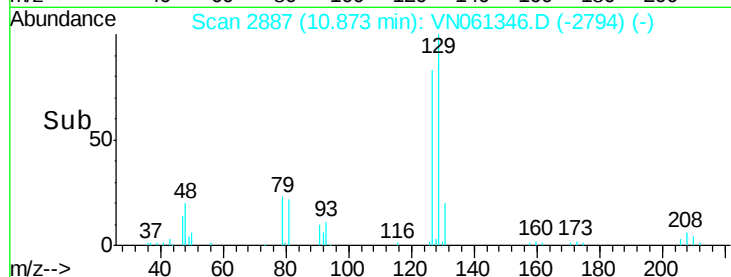
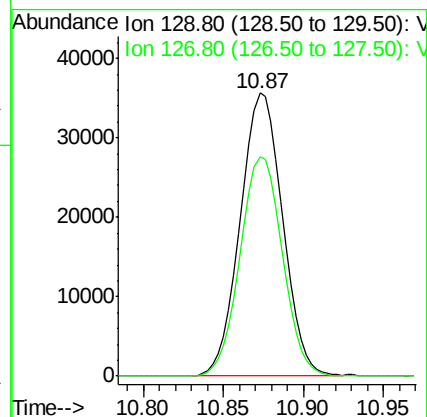
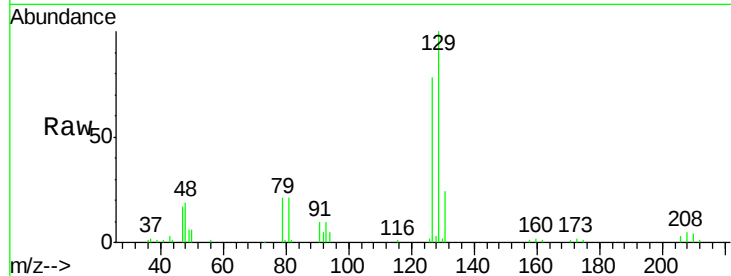
129 100

127 77.3 39.3 117.8

Manual Integrations
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#61

1,2-Dibromoethane

Concen: 49.617 ug/l

RT: 10.98 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VN061346.D

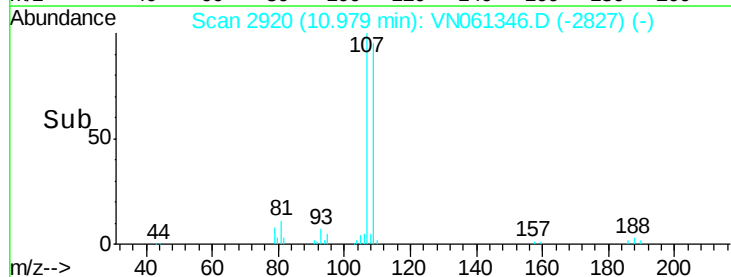
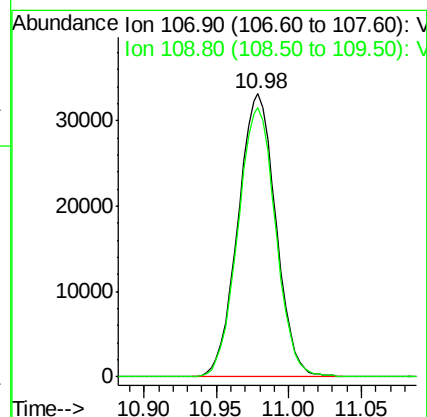
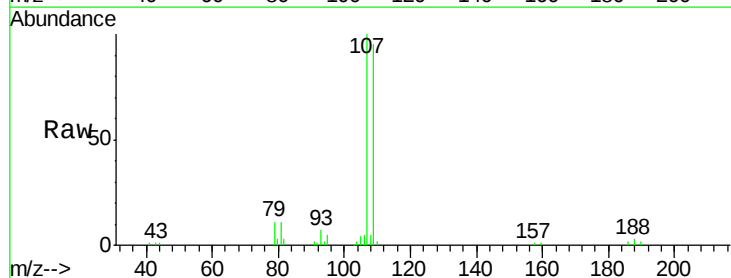
Acq: 7 May 2020 19:58

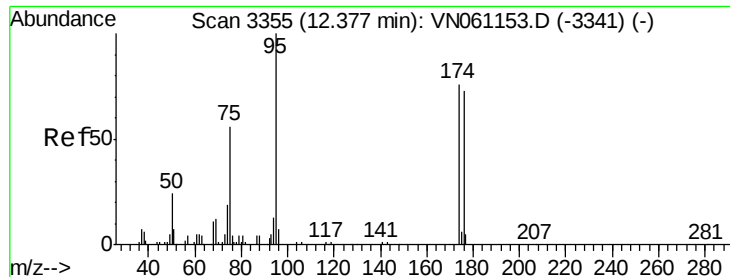
Tgt Ion:107 Resp: 60058

Ion Ratio Lower Upper

107 100

109 94.9 74.8 112.2





#62

4-Bromofluorobenzene

Concen: 50.293 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 95 Resp: 76893

Ion Ratio Lower Upper

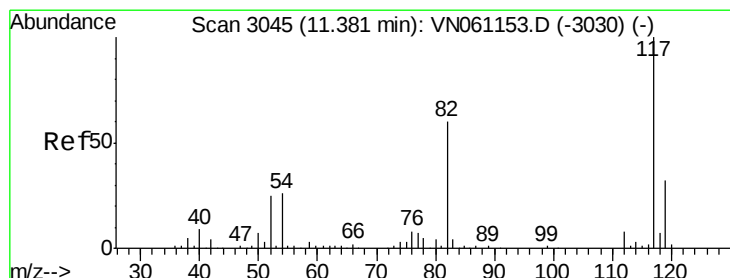
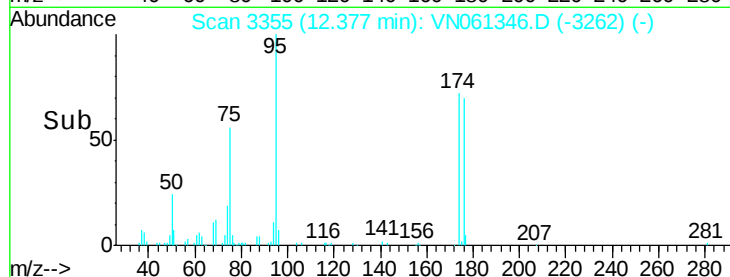
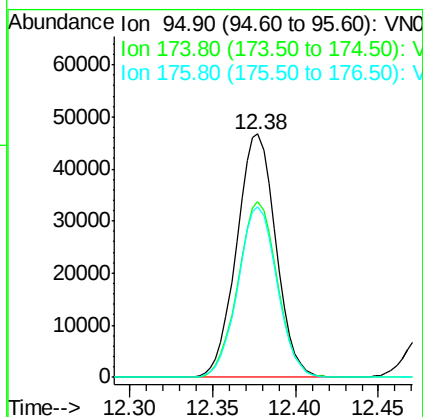
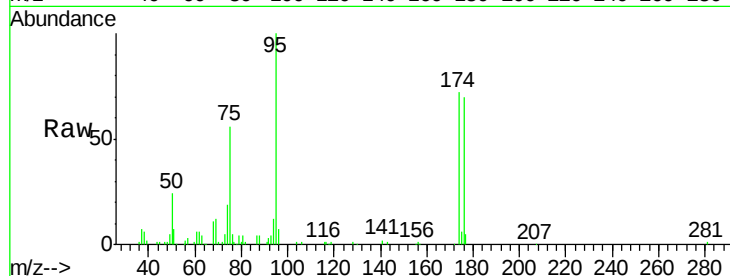
95 100

174 72.4 0.0 149.4

176 70.0 0.0 144.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

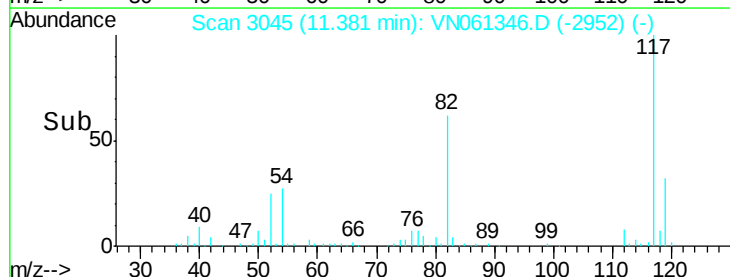
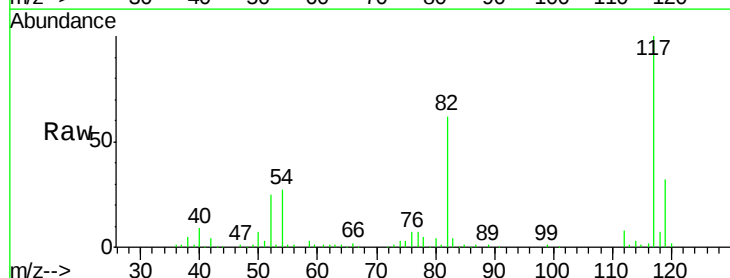
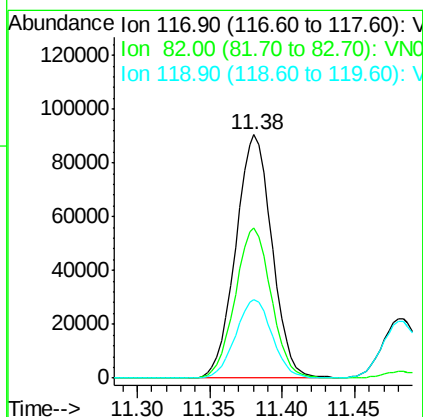
Tgt Ion: 117 Resp: 157105

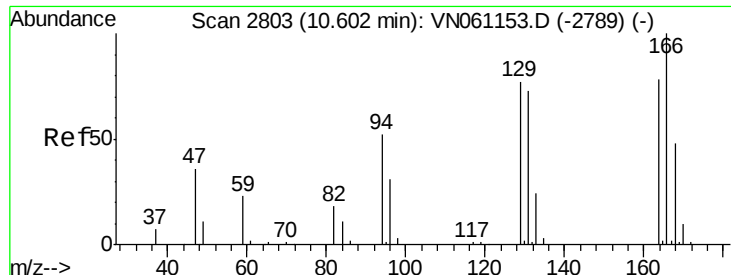
Ion Ratio Lower Upper

117 100

82 61.6 47.8 71.8

119 32.3 25.8 38.6





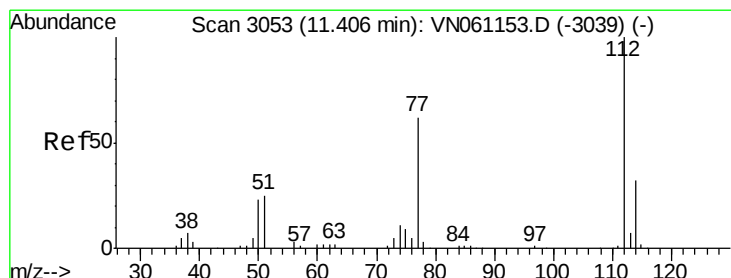
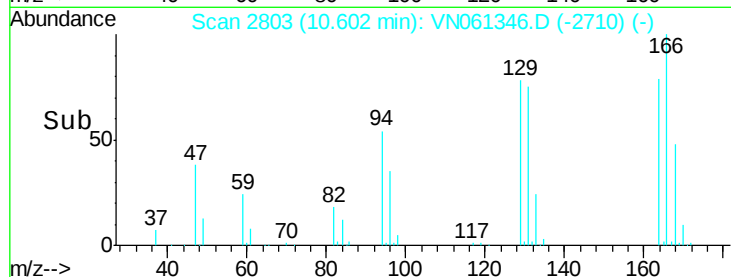
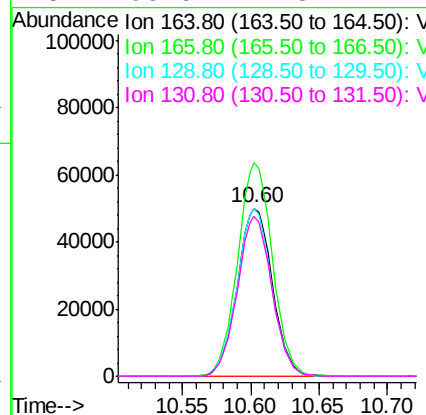
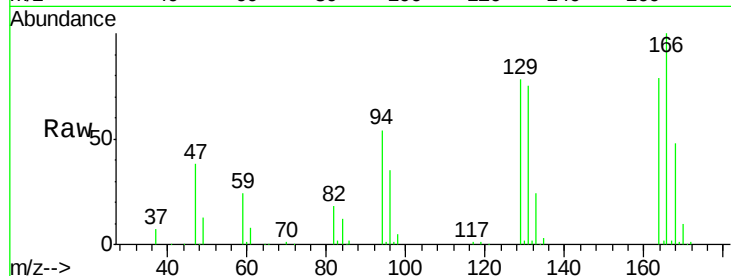
#64
Tetrachloroethene
Concen: 65.471 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.0	153.0
129	99.5	78.2	117.2
131	95.5	74.5	111.7

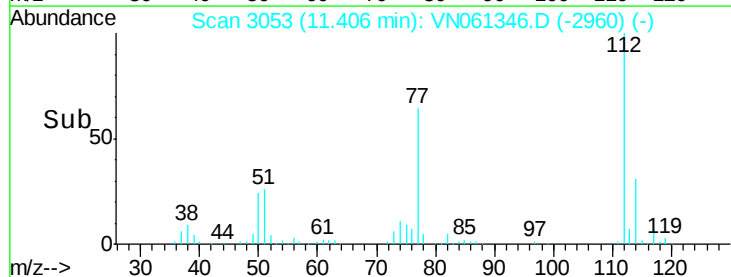
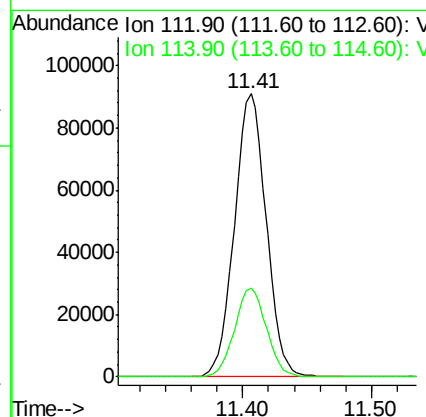
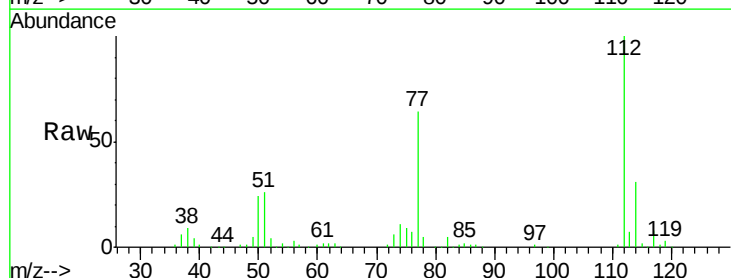
Manual Integrations
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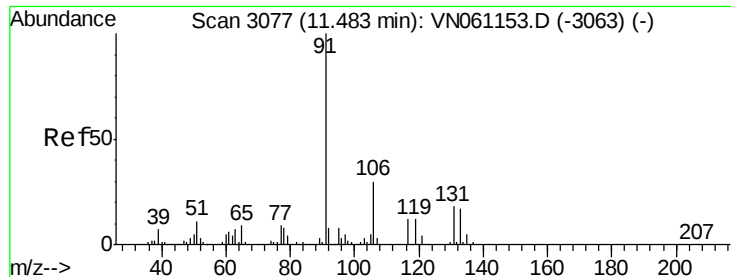
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#65
Chlorobenzene
Concen: 49.920 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.4	38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 51.719 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

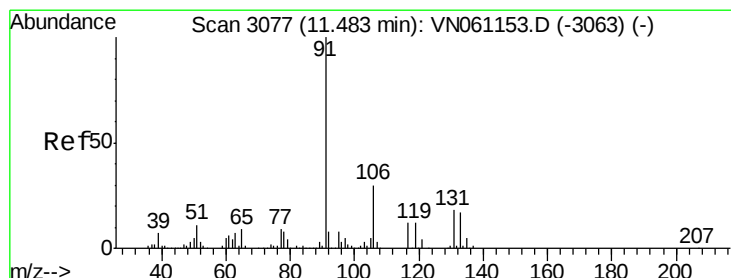
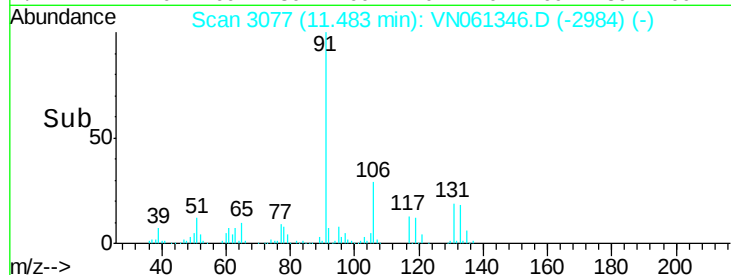
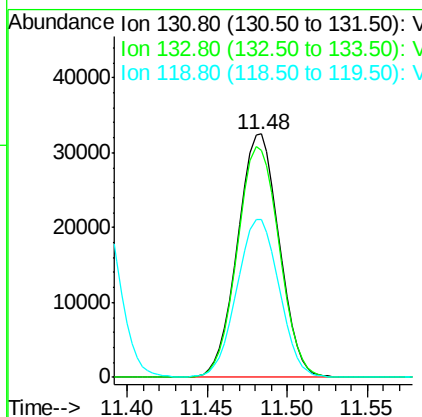
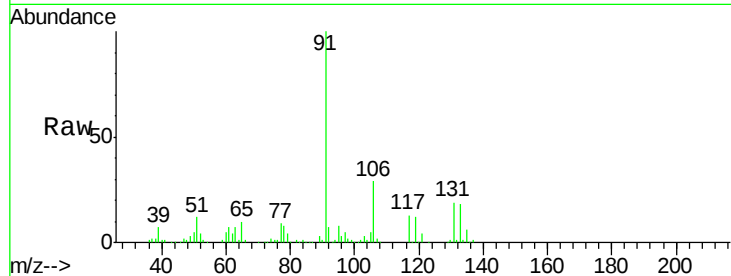
ClientSampleId :

SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.0	144.2
119	66.2	32.6	97.8

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.090 ug/l

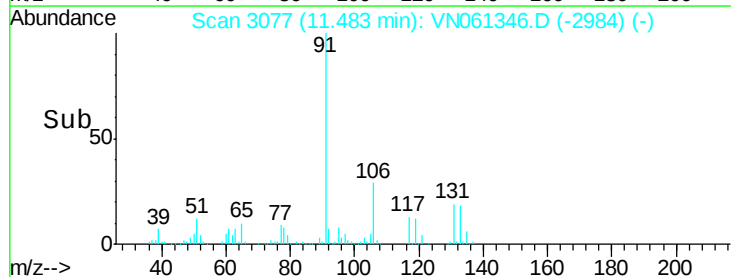
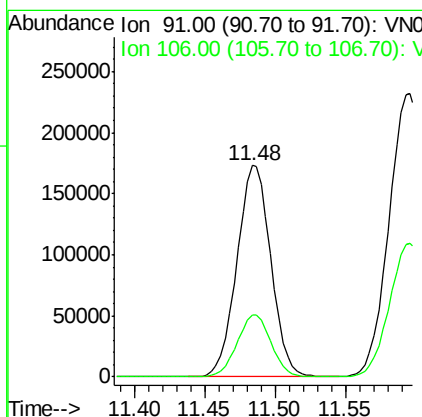
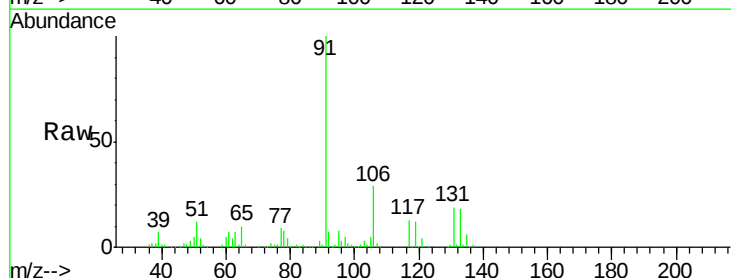
RT: 11.48 min Scan# 3077

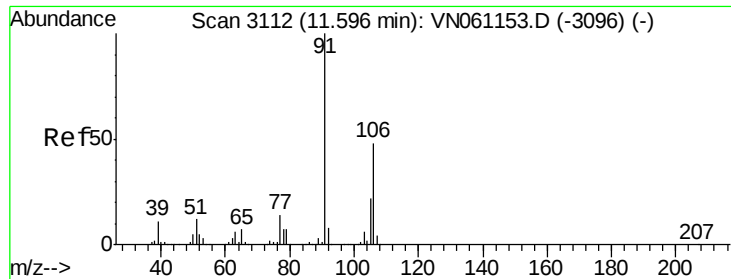
Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.8	35.6





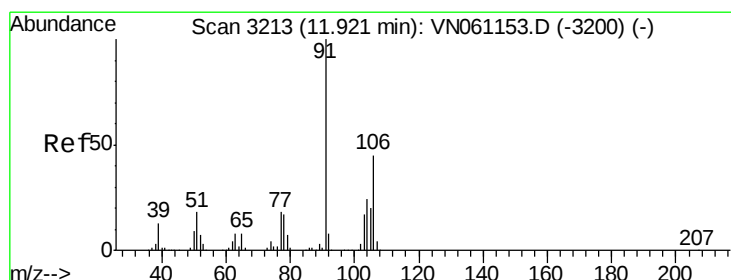
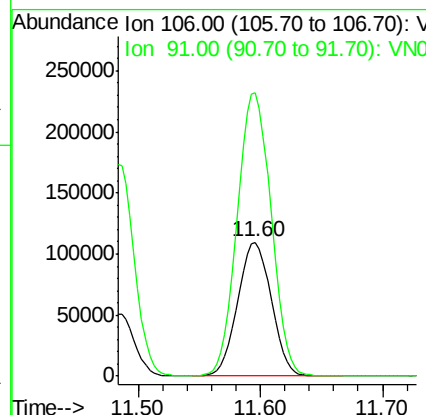
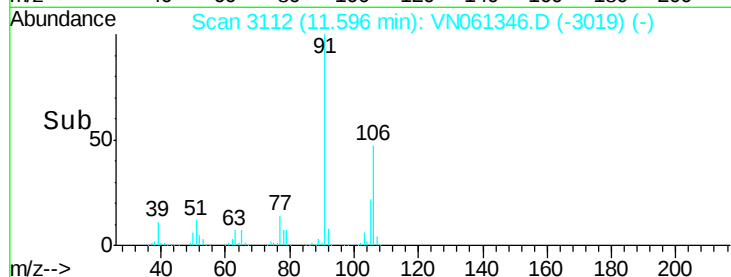
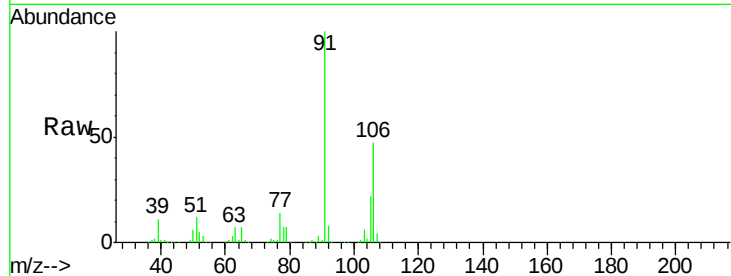
#68
m/p-Xvlenes
Concen: 98.362 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		210042		
91	213.4	166.4	249.6		

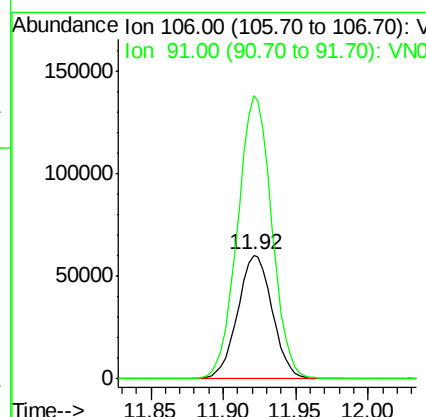
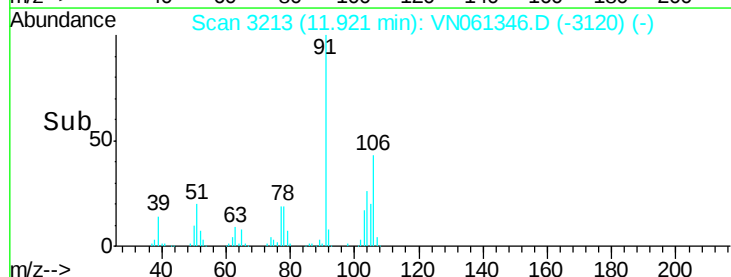
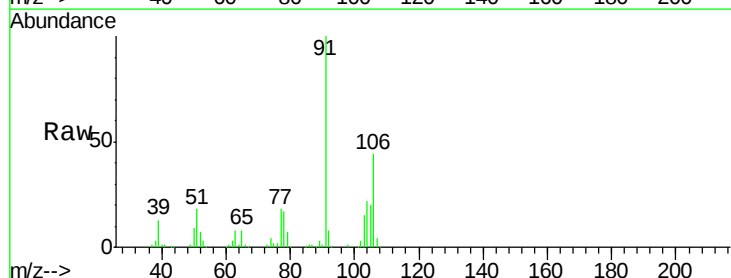
Manual Integrations
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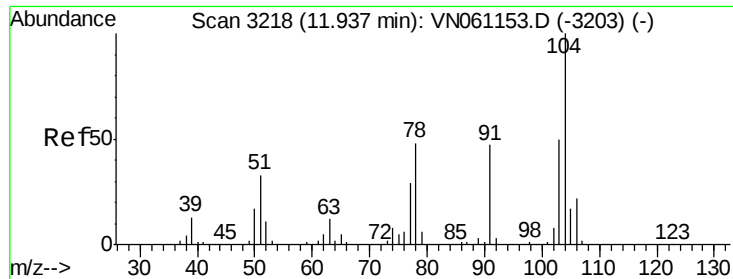
MMDadoda
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#69
o-Xylene
Concen: 48.653 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		99796		
91	226.7	109.7	329.0		





#70

Stvrene

Concen: 48.649 ug/l

RT: 11.94 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

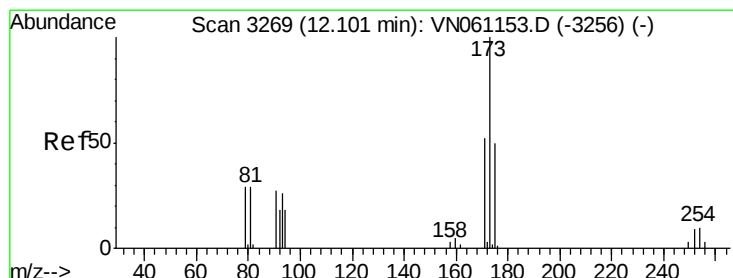
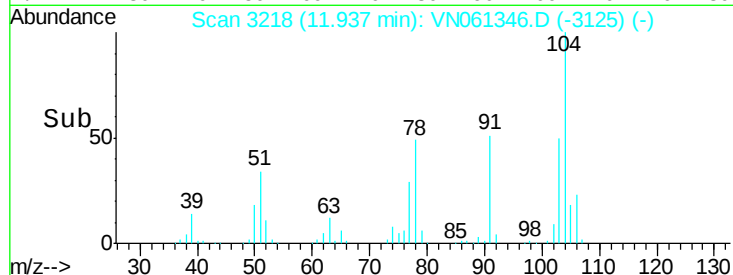
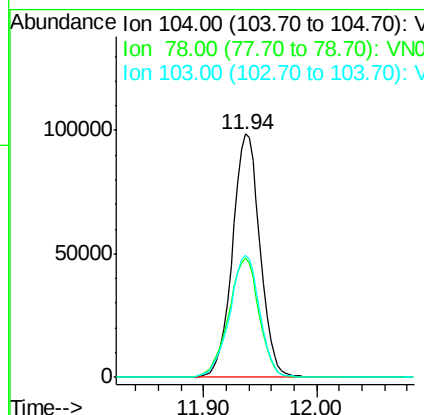
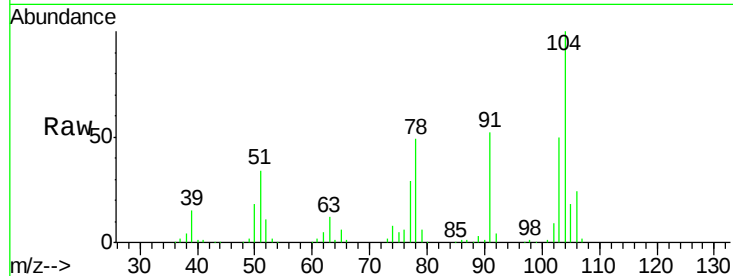
ClientSampleId :

SS050MW052-200504MS

Tot Ion:	104	Resp:	167013
Ion Ratio	Lower	Upper	
104	100		
78	54.3	42.1	63.1
103	54.8	43.3	64.9

Manual Integrations
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#71

Bromoform

Concen: 52.424 ug/l

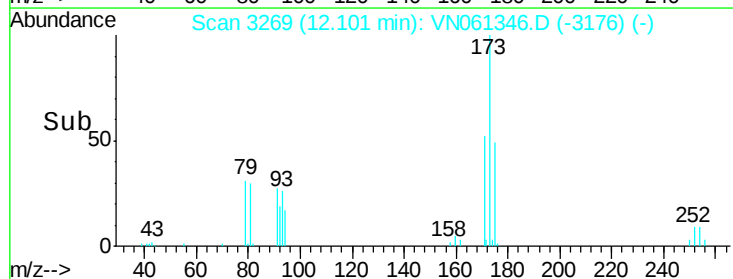
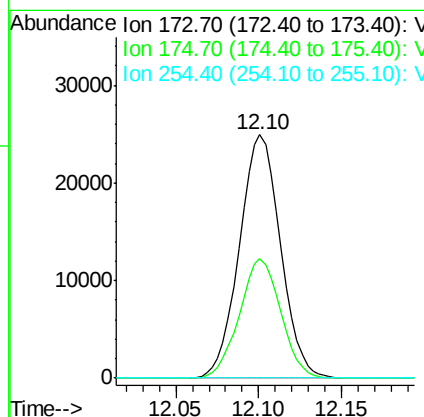
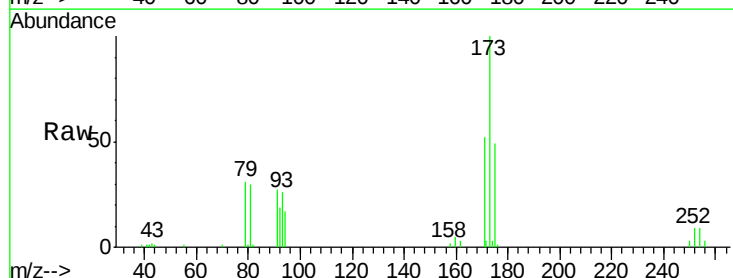
RT: 12.10 min Scan# 3269

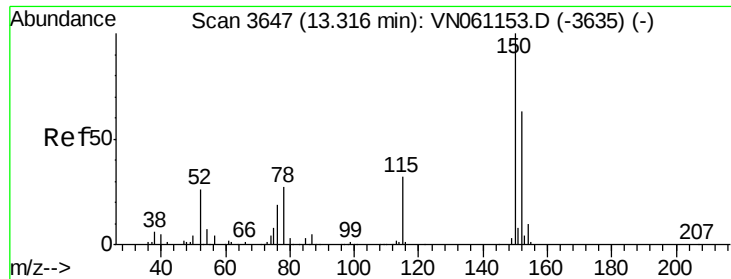
Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion:	173	Resp:	42975
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.1	72.4
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion:152 Resp: 77789

Ion Ratio Lower Upper

152 100

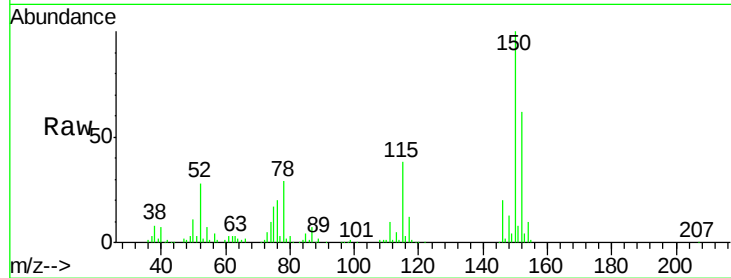
115 61.8 31.0 93.0

150 172.0 0.0 351.8

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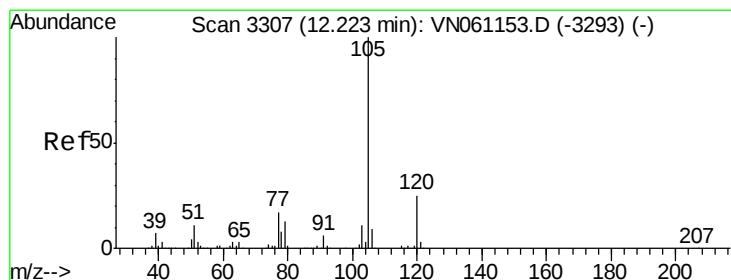
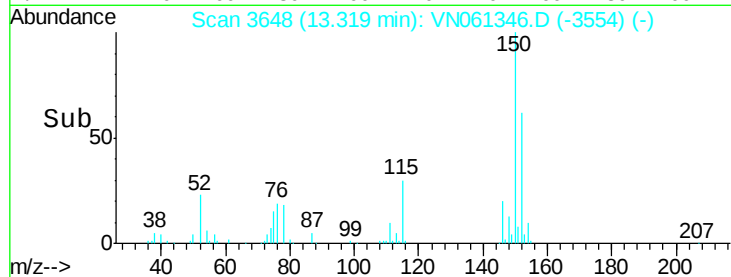
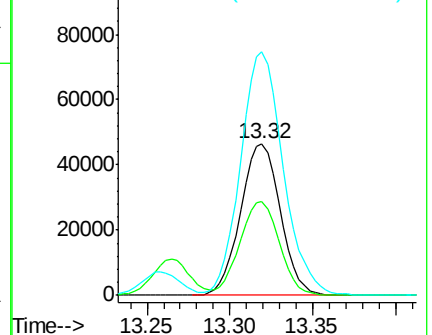
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.989 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061346.D

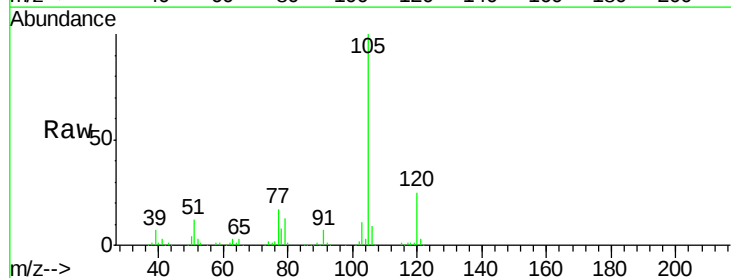
Acq: 7 May 2020 19:58

Tgt Ion:105 Resp: 274429

Ion Ratio Lower Upper

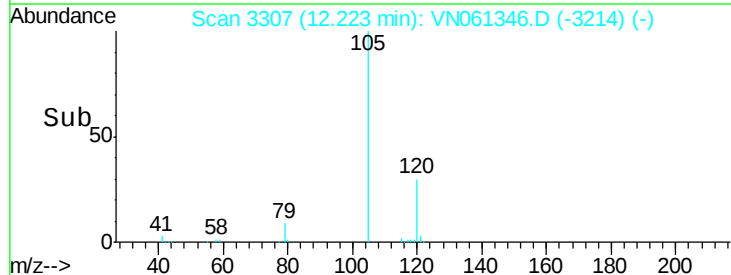
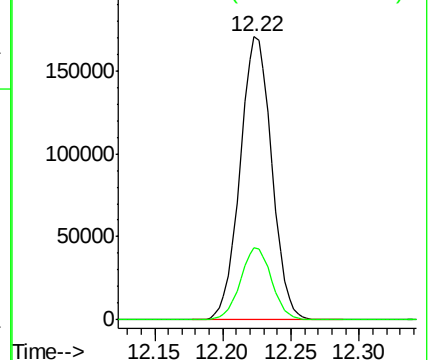
105 100

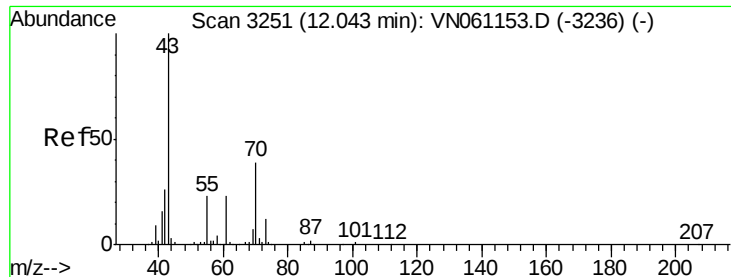
120 25.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 46.955 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

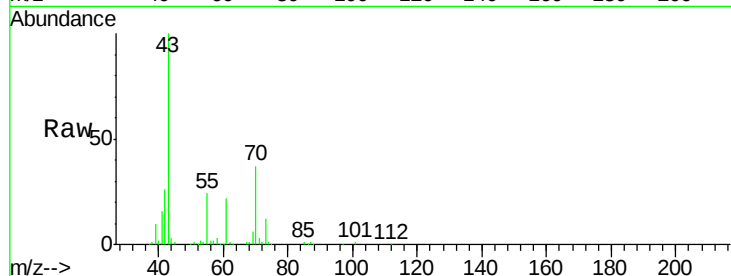
ClientSampleId :

SS050MW052-200504MS

Tot Ion	43	Resp	135971
Ion Ratio	Lower	Upper	
43	100		
70	36.8	30.6	46.0
55	23.6	18.5	27.7
61	21.5	17.9	26.9

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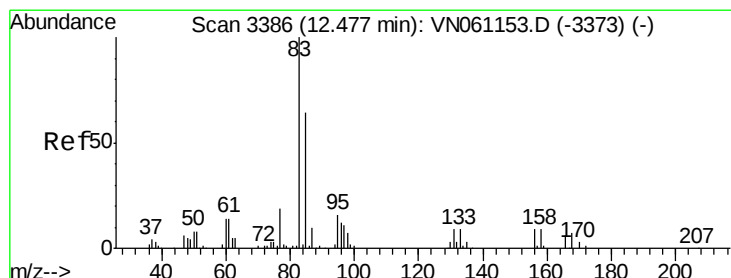
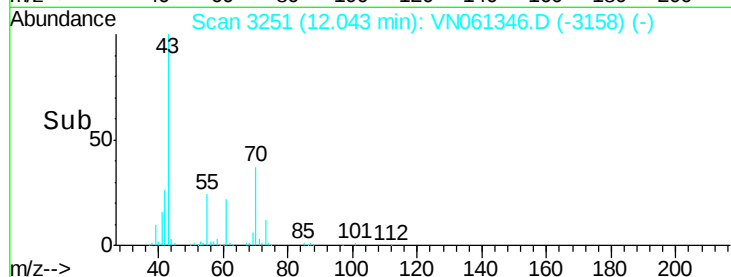
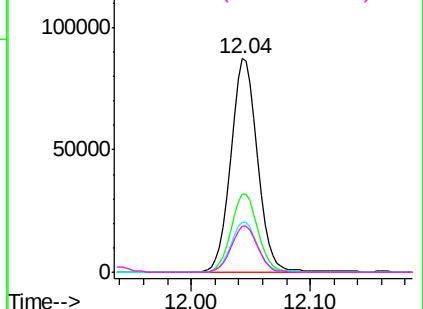


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-3236) (-)

Ion 70.00 (69.70 to 70.70): VN061153.D (-3236) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-3236) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-3236) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: 50.179 ug/l

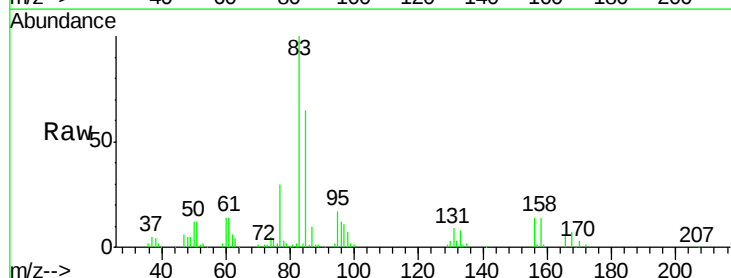
RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

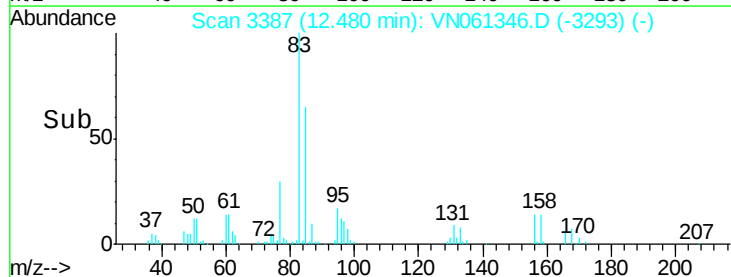
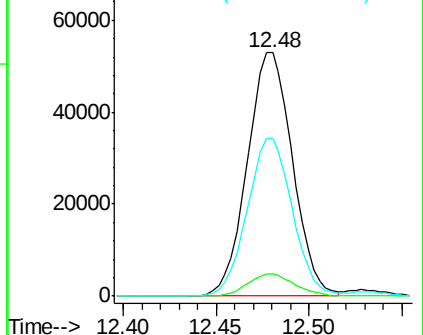
Tgt Ion	83	Resp	89477
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	64.5	32.0	96.0

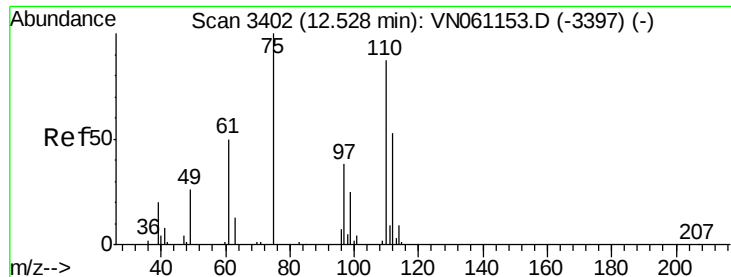


Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)





#76

1,2,3-Trichloropropane

Concen: 48.995 ug/l m

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 75 Resp: 80352

Ion Ratio Lower Upper

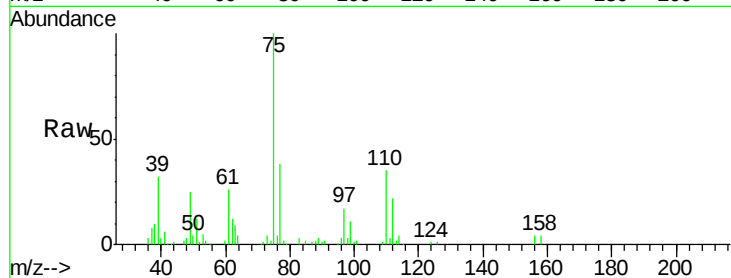
75 100

77 0.0 0.0 0.0

Manual Integrations
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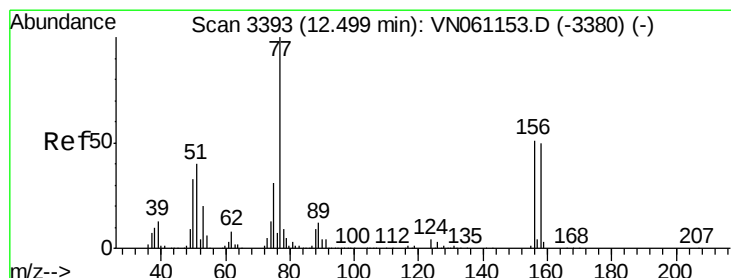
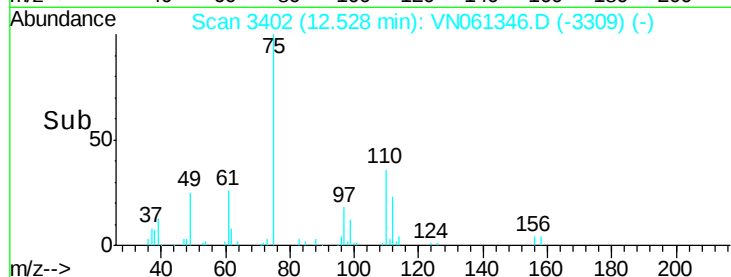
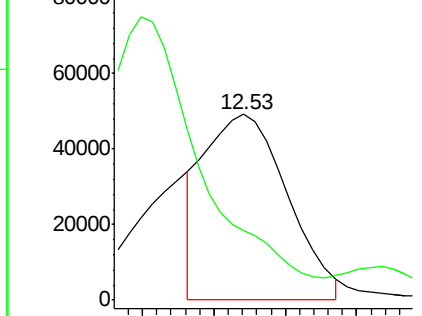
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Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)



#77

Bromobenzene

Concen: 49.162 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

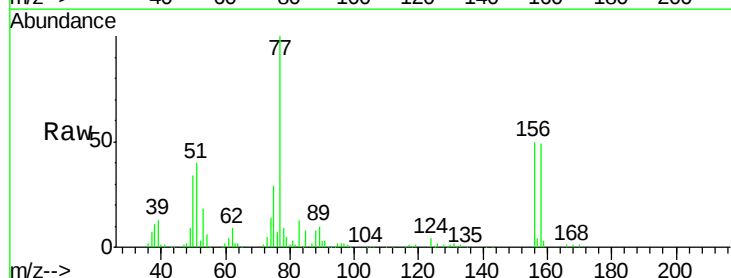
Tgt Ion: 156 Resp: 64899

Ion Ratio Lower Upper

156 100

77 235.3 117.4 352.2

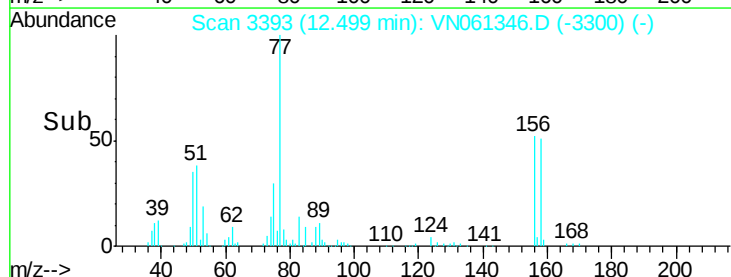
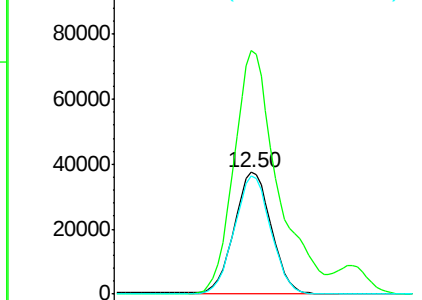
158 95.4 48.4 145.0

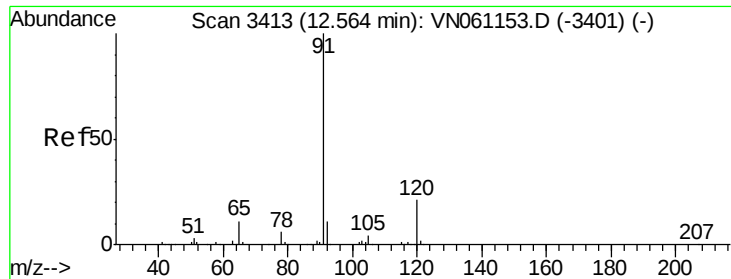


Abundance Ion 155.80 (155.50 to 156.50): VN061153.D (-3380) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3380) (-)

Ion 157.80 (157.50 to 158.50): VN061153.D (-3380) (-)





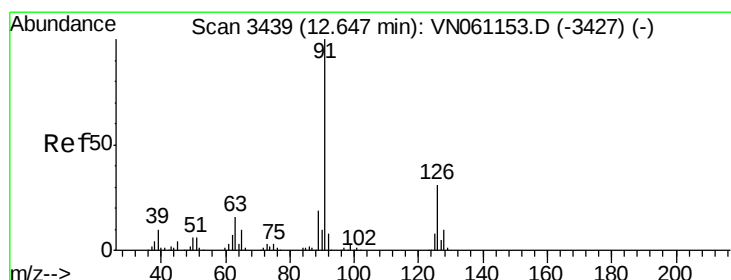
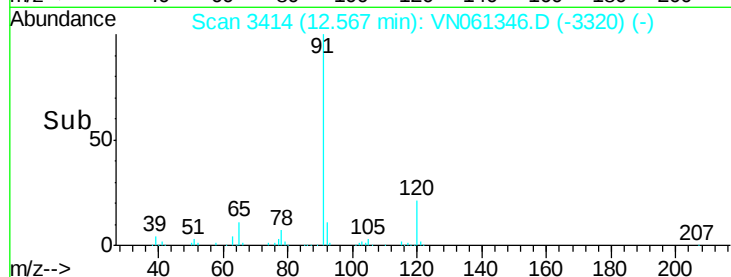
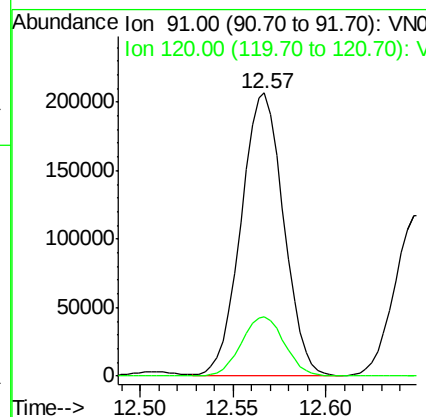
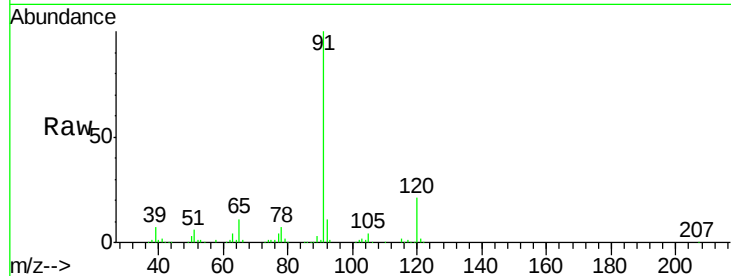
#78
n-propylbenzene
Concen: 48.151 ug/l
RT: 12.57 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion: 91 Resp: 326604
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.3

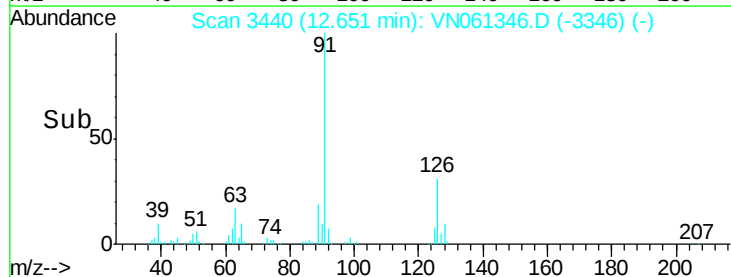
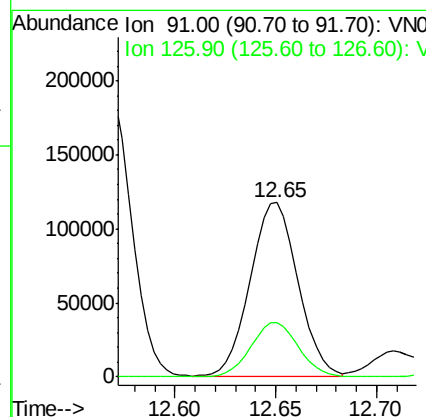
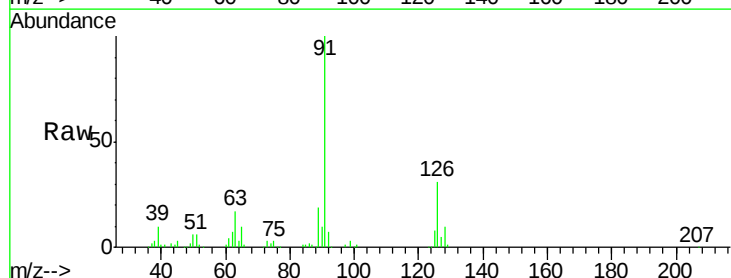
Manual Integrations
APPROVED

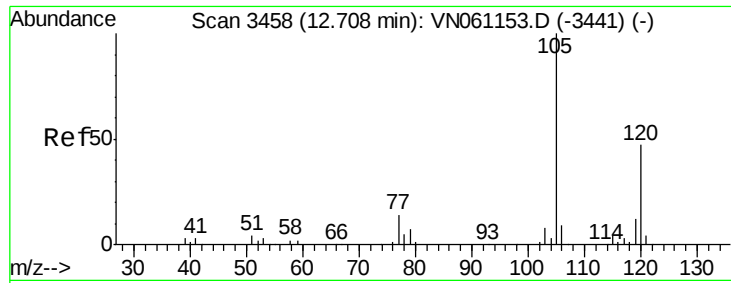
MMDadoda
5/8/2020 1:18:18 PM



#79
2-Chlorotoluene
Concen: 48.643 ug/l
RT: 12.65 min Scan# 3440
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 91 Resp: 193931
Ion Ratio Lower Upper
91 100
126 31.4 15.9 47.7





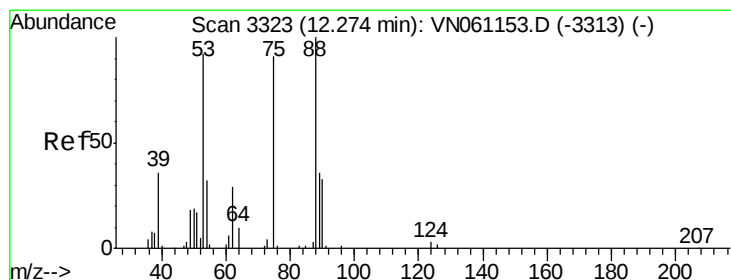
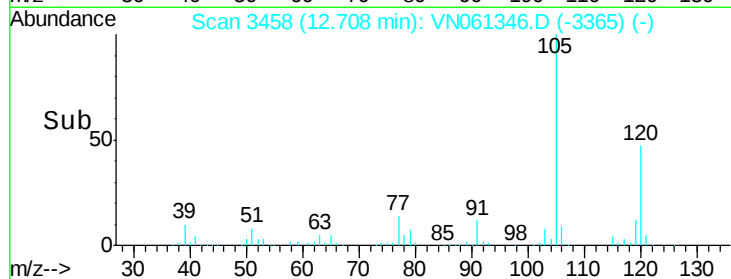
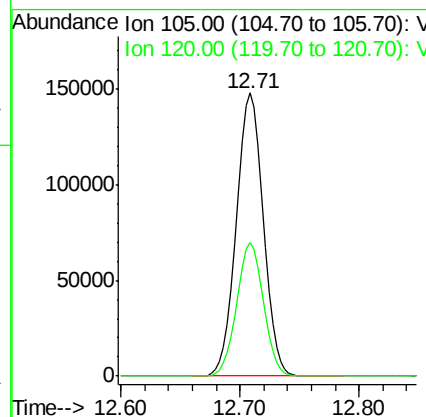
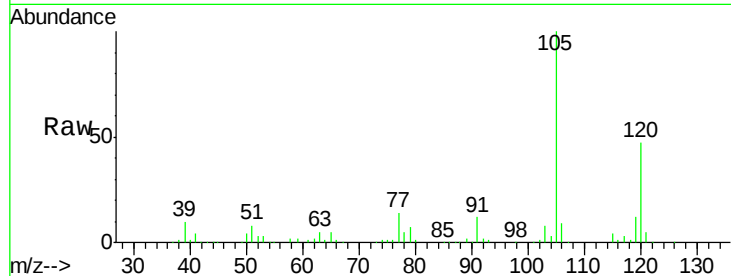
#80
 1,3,5-Trimethylbenzene
 Concen: 49.054 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Tot Ion:105 Resp: 232175
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.9 71.7

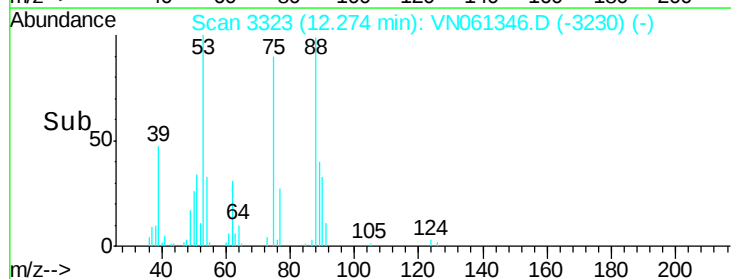
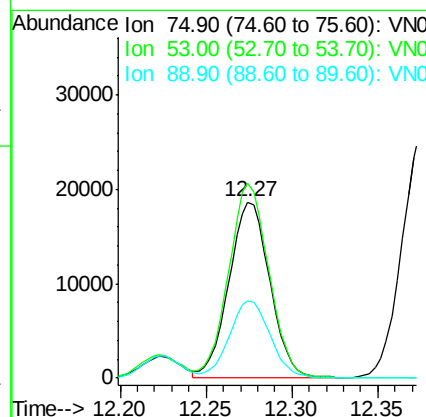
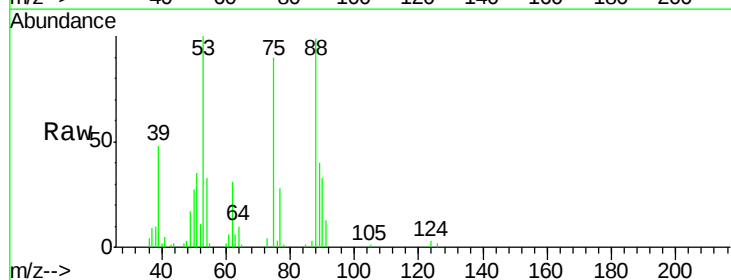
Manual Integrations
 APPROVED

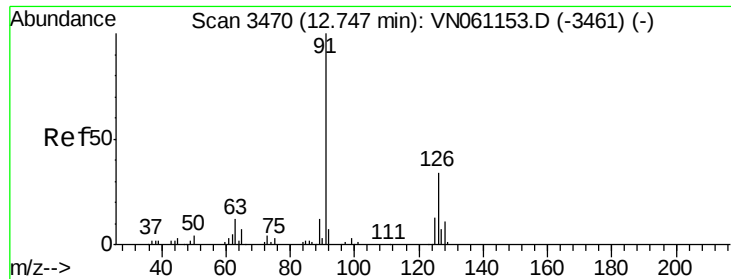
MMDadoda
 5/8/2020 1:18:18 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.043 ug/l
 RT: 12.27 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 75 Resp: 31026
 Ion Ratio Lower Upper
 75 100
 53 109.0 84.1 126.1
 89 44.0 35.2 52.8





#82

4-Chlorotoluene

Concen: 49.084 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion: 91 Resp: 206251

Ion Ratio Lower Upper

91 100

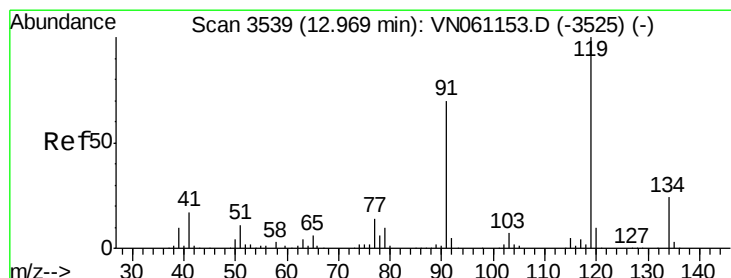
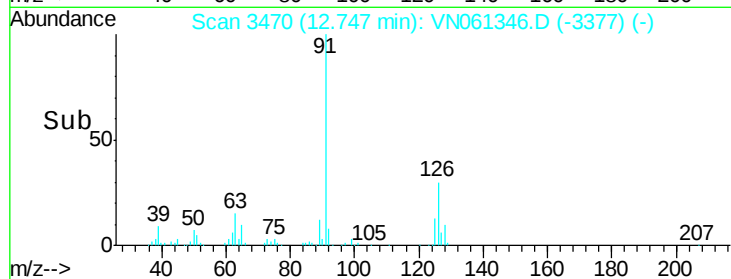
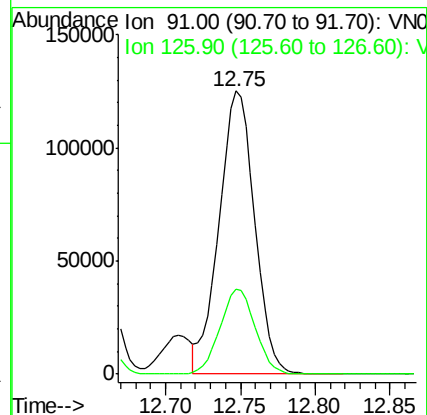
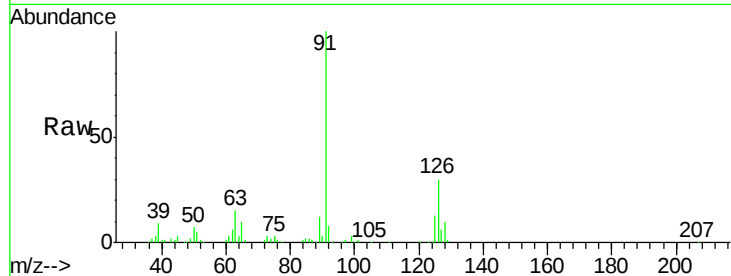
126 30.0 15.7 47.1

Manual Integrations

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5/8/2020 1:18:18 PM



#83

tert-Butylbenzene

Concen: 47.157 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

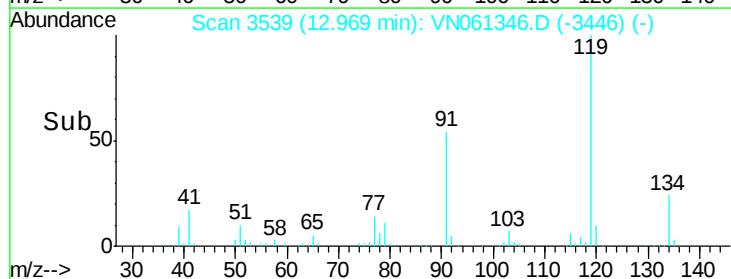
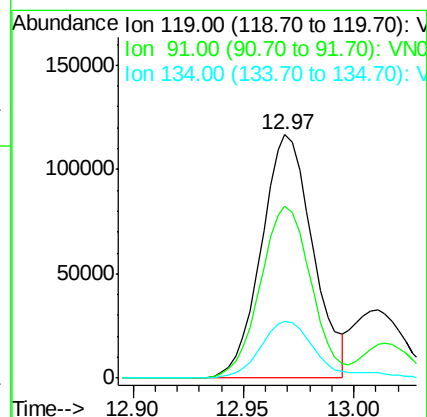
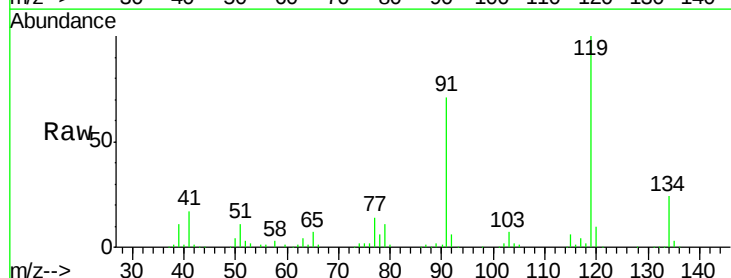
Tgt Ion: 119 Resp: 188201

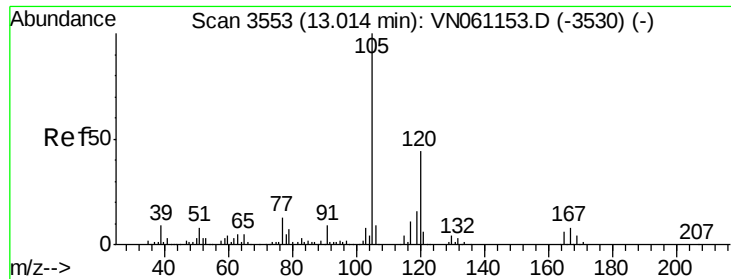
Ion Ratio Lower Upper

119 100

91 70.2 34.8 104.4

134 25.6 12.9 38.7





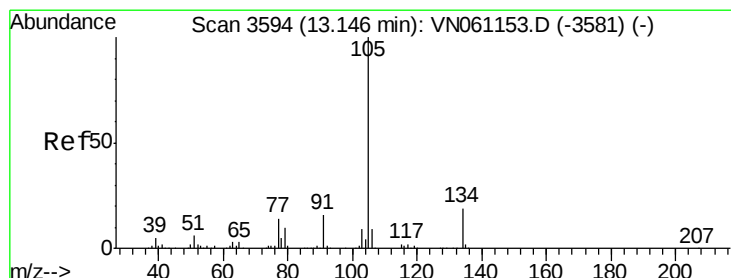
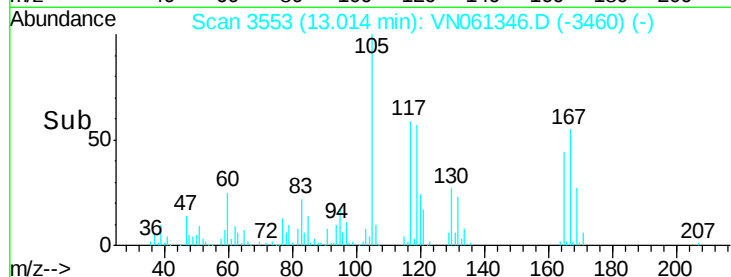
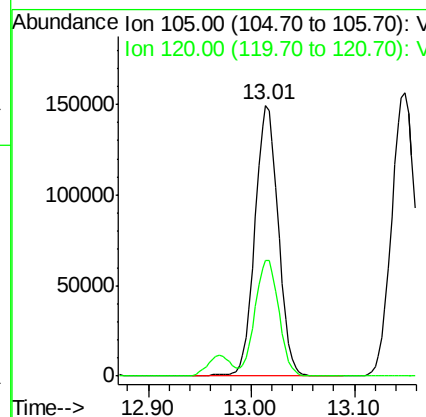
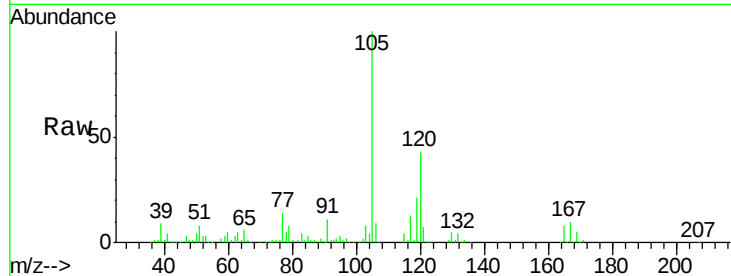
#84
 1,2,4-Trimethylbenzene
 Concen: 48.095 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.2	66.6

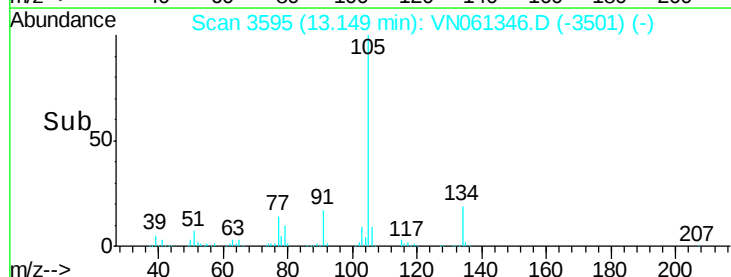
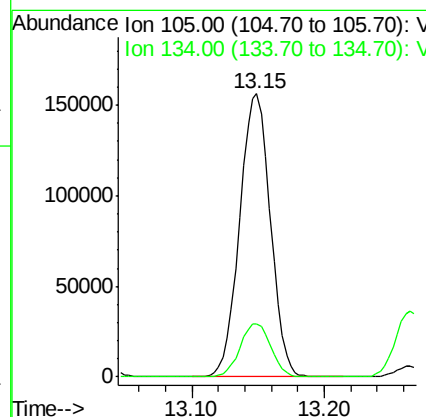
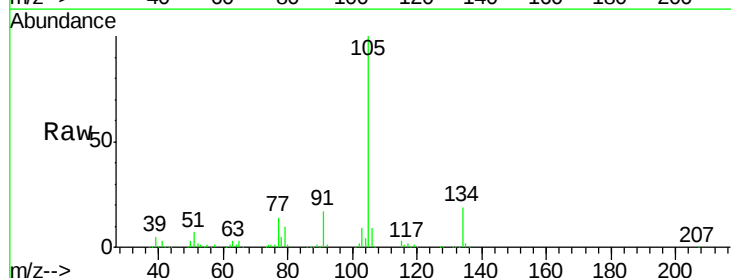
Manual Integrations
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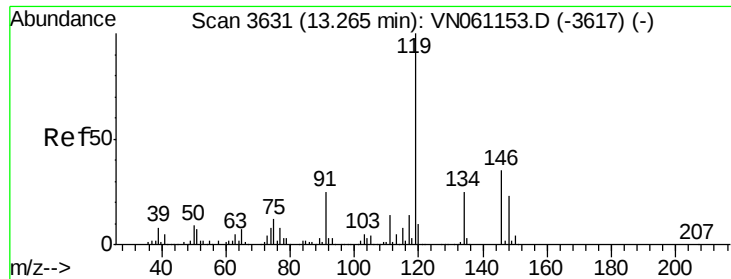
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#85
 sec-Butylbenzene
 Concen: 46.240 ug/l
 RT: 13.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.6	28.8





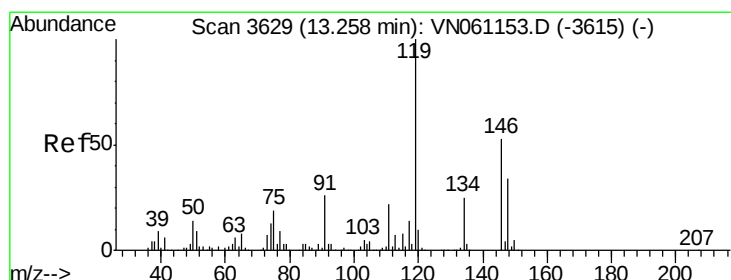
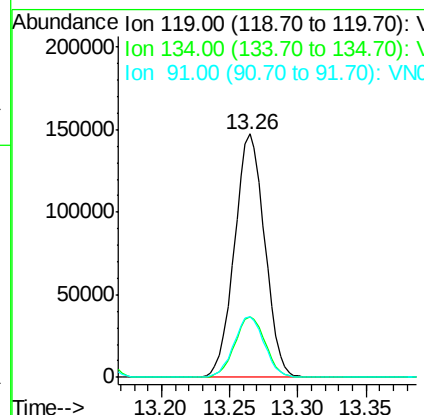
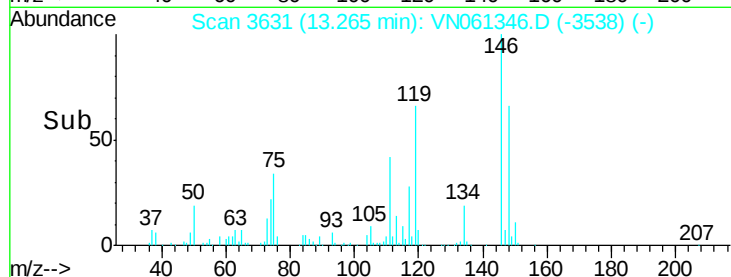
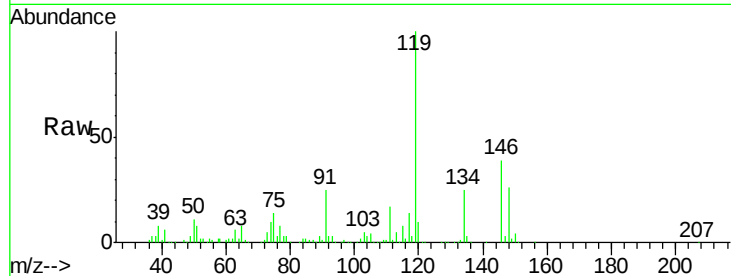
#86
p-Isopropyltoluene
Concen: 46.222 ug/l
RT: 13.26 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	226600		
134	25.1	12.6	37.6	
91	25.1	12.7	38.0	

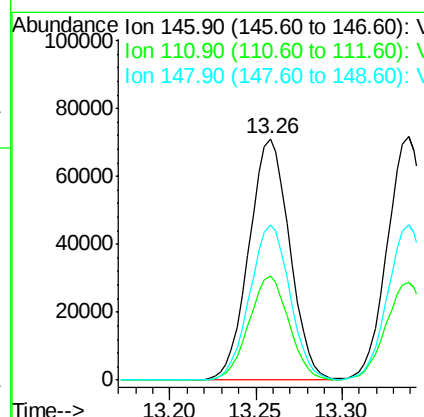
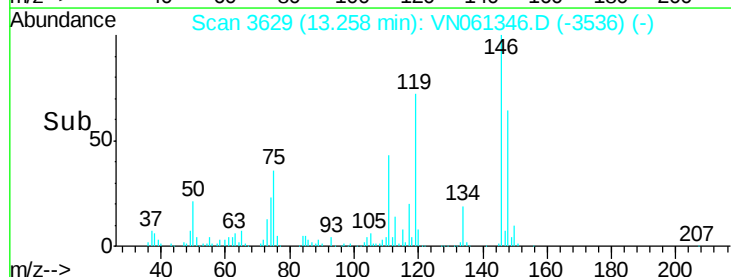
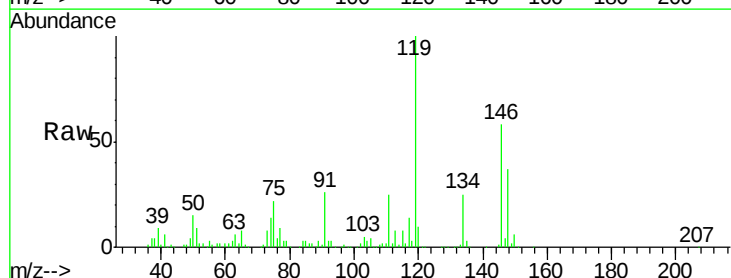
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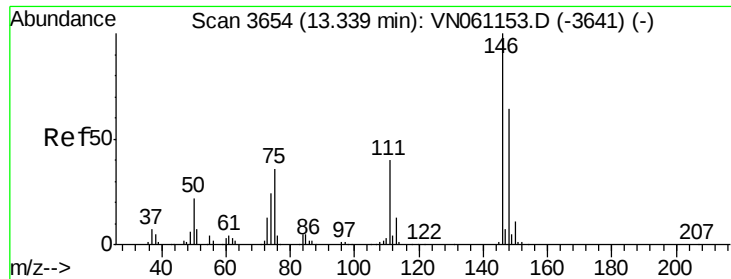
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#87
1,3-Dichlorobenzene
Concen: 47.987 ug/l
RT: 13.26 min Scan# 3629
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116620		
111	42.3	20.7	62.1	
148	63.6	31.8	95.3	





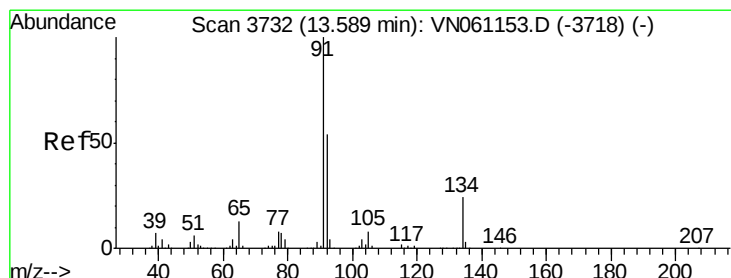
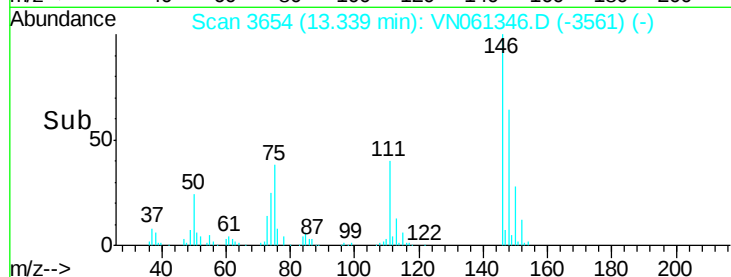
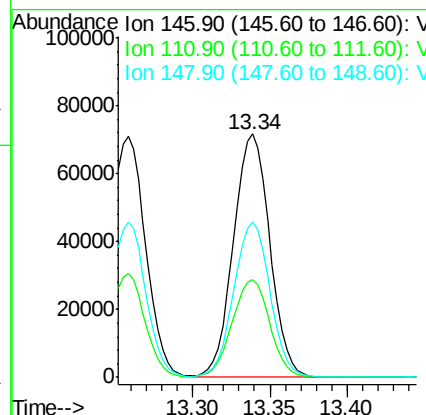
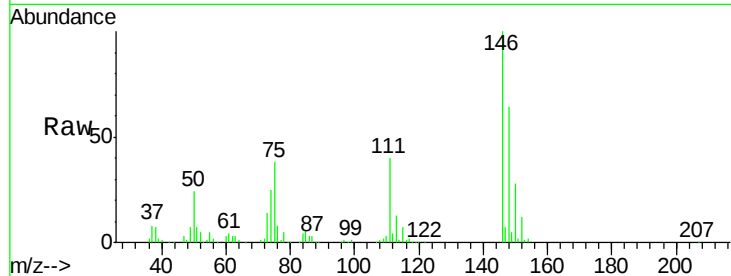
#88
 1,4-Dichlorobenzene
 Concen: 47.099 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	116949		
111	41.4	20.4	61.3	
148	63.6	31.9	95.7	

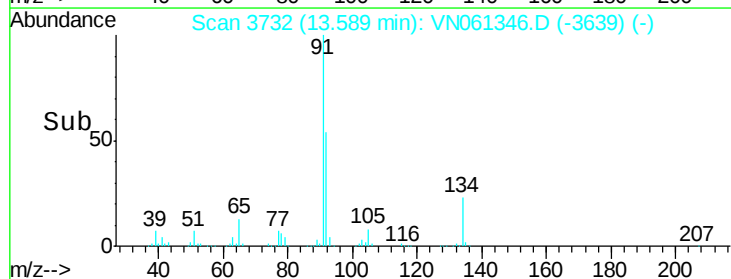
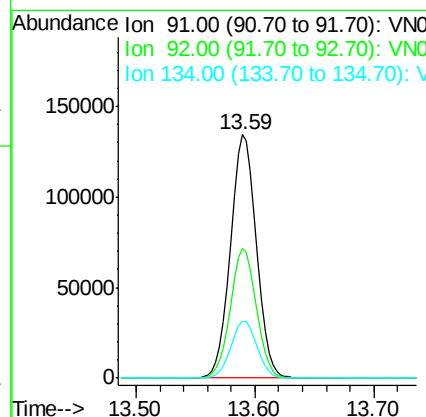
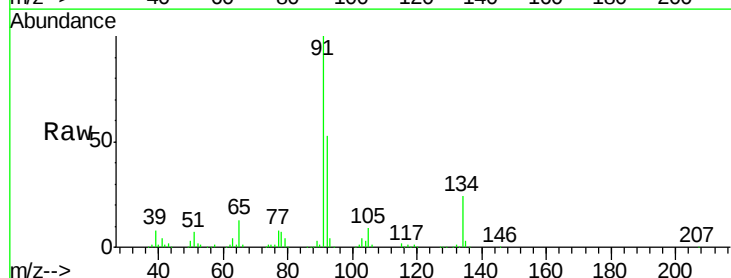
Manual Integrations
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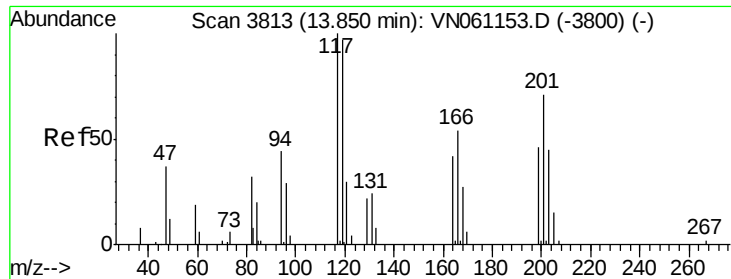
MMDadoda
 5/8/2020 1:18:18 PM



#89
 n-Butylbenzene
 Concen: 45.197 ug/l
 RT: 13.59 min Scan# 3732
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	203130		
92	53.3	26.8	80.3	
134	23.7	11.9	35.5	





#90

Hexachloroethane

Concen: 64.630 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MS

Tot Ion:117 Resp: 34395

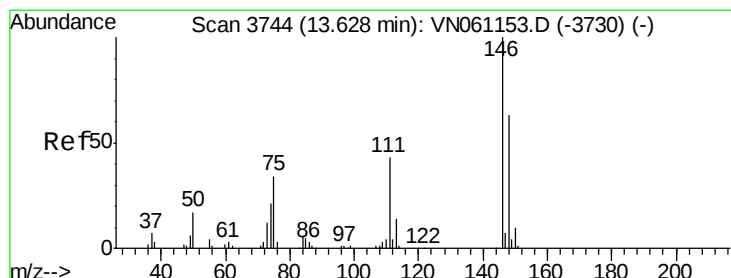
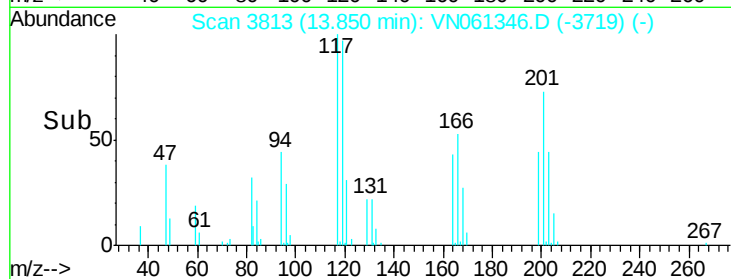
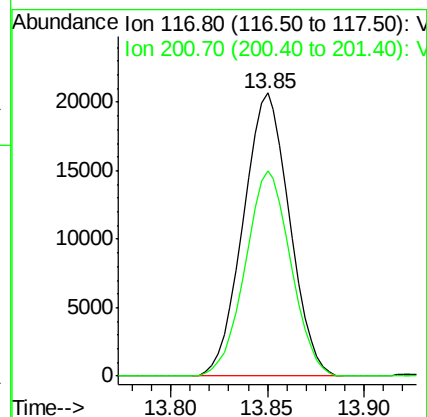
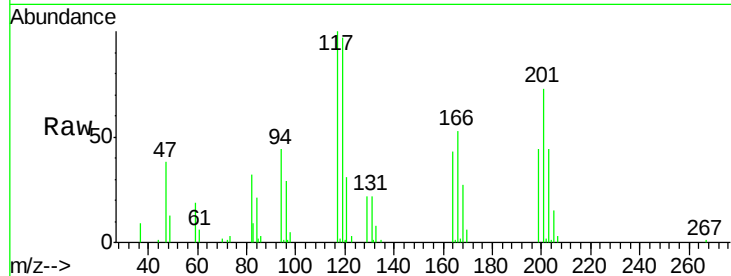
Ion Ratio Lower Upper

117 100

201 71.2 35.5 106.7

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#91

1,2-Dichlorobenzene

Concen: 48.104 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

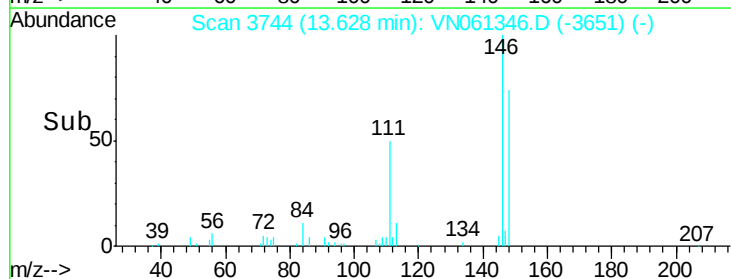
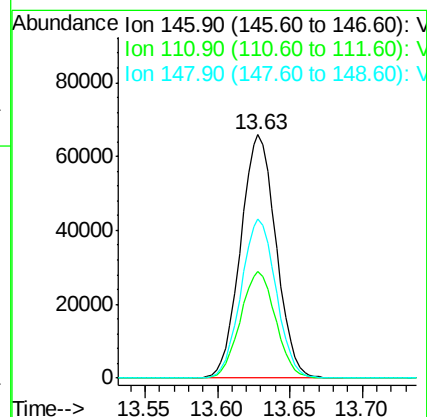
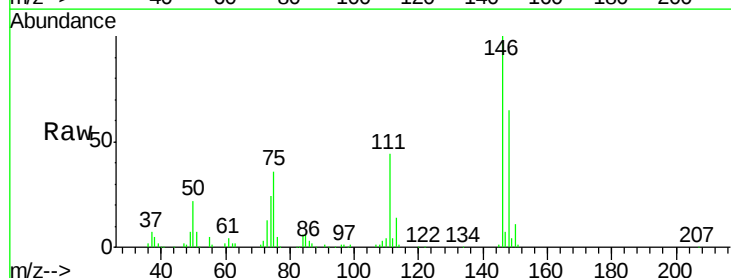
Tgt Ion:146 Resp: 112091

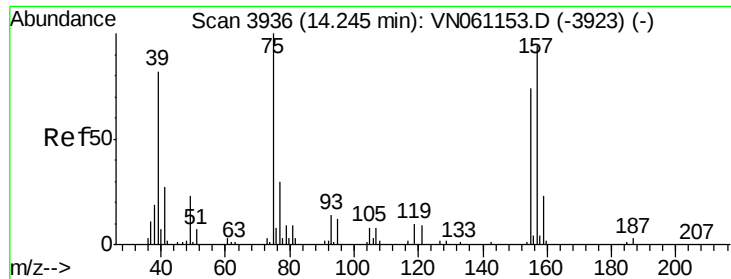
Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 64.5 31.6 95.0





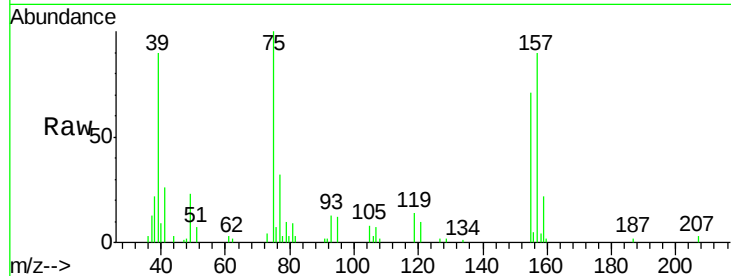
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.826 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	72.0	36.5	109.7
157	90.2	46.6	139.7

Manual Integrations
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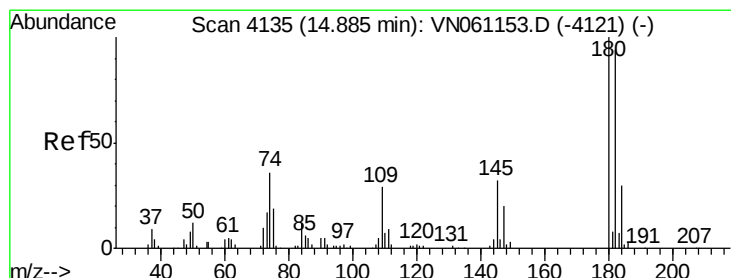
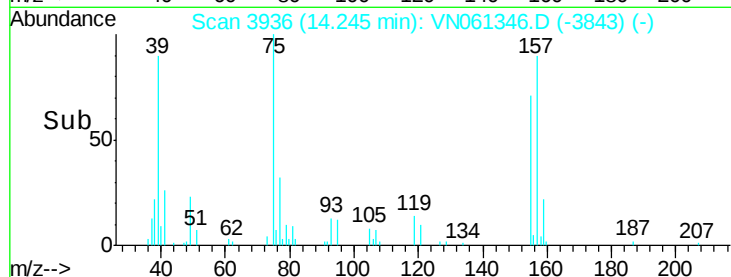
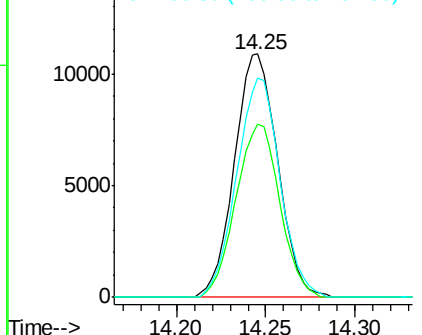
MMDadoda
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Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3923) (-)

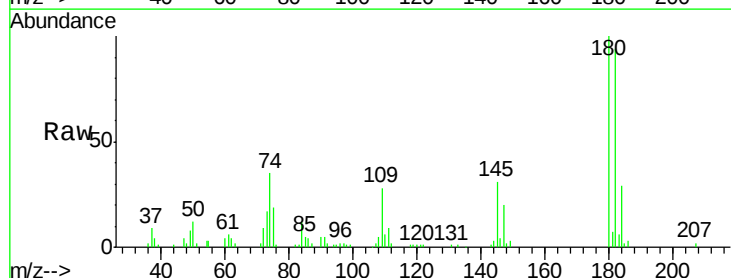
Ion 154.80 (154.50 to 155.50): VN061153.D (-3923) (-)

Ion 156.80 (156.50 to 157.50): VN061153.D (-3923) (-)



#93
 1,2,4-Trichlorobenzene
 Concen: 45.000 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

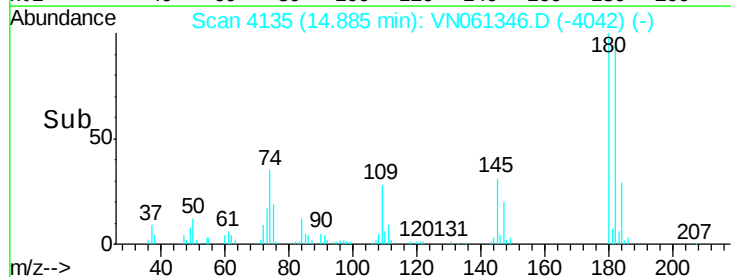
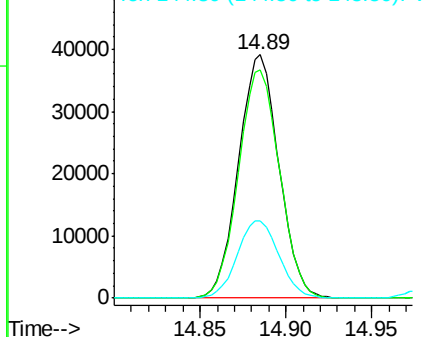
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	32.7	16.0	47.9

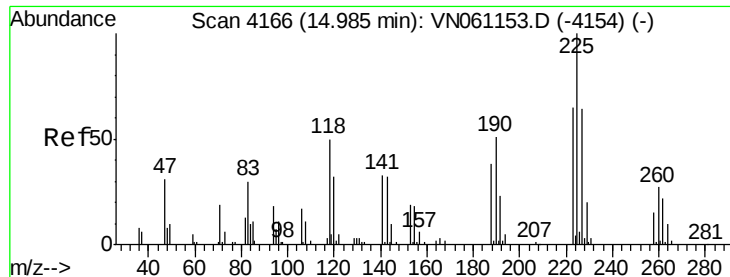


Abundance Ion 179.80 (179.50 to 180.50): VN061153.D (-4121) (-)

Ion 181.80 (181.50 to 182.50): VN061153.D (-4121) (-)

Ion 144.80 (144.50 to 145.50): VN061153.D (-4121) (-)





#94

Hexachlorobutadiene

Concen: 45.263 ug/l

RT: 14.98 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

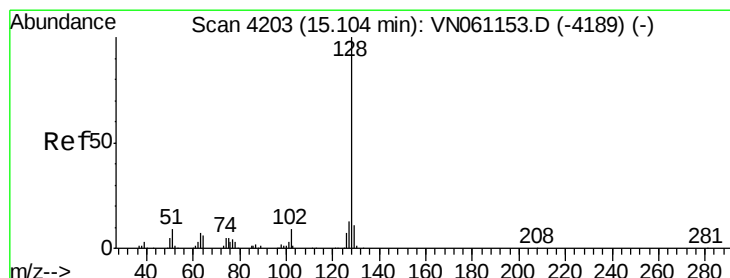
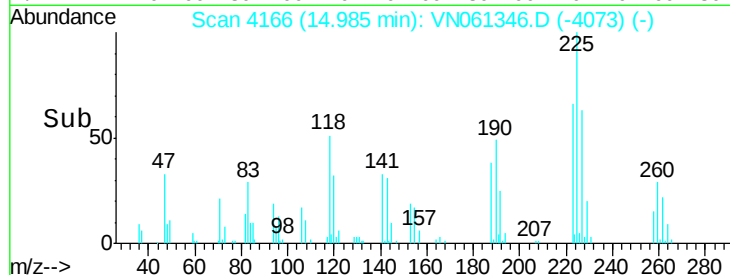
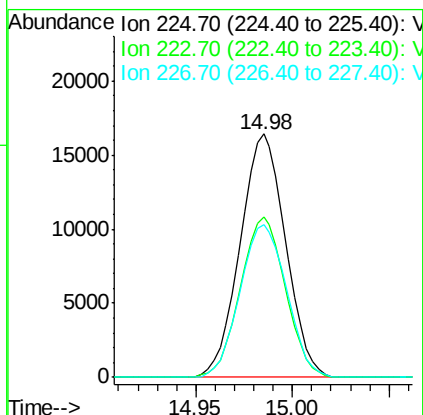
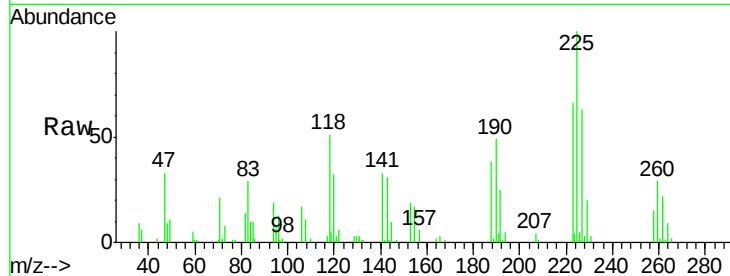
ClientSampleId :

SS050MW052-200504MS

Tot Ion:	225	Resp:	26832
Ion Ratio	Lower	Upper	
225	100		
223	65.2	32.4	97.0
227	64.3	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
5/8/2020 1:18:18 PM



#95

Naphthalene

Concen: 44.189 ug/l

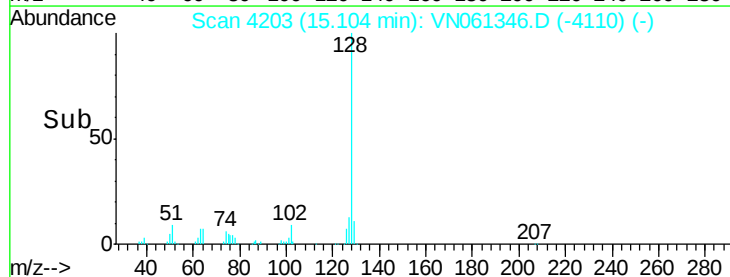
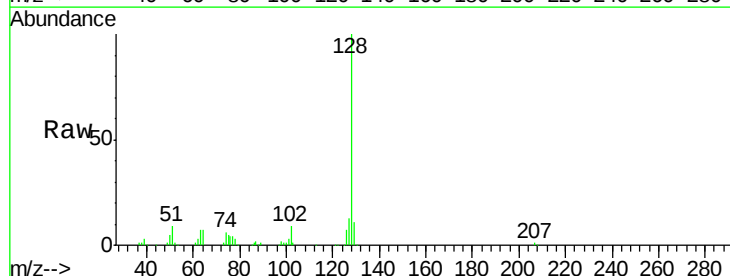
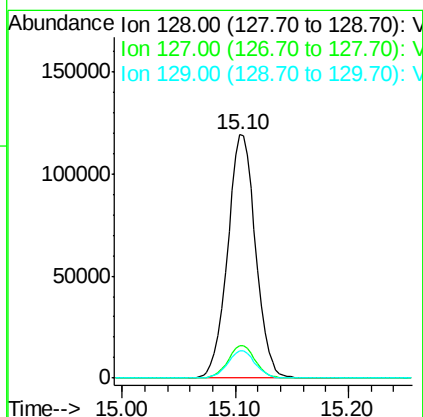
RT: 15.10 min Scan# 4203

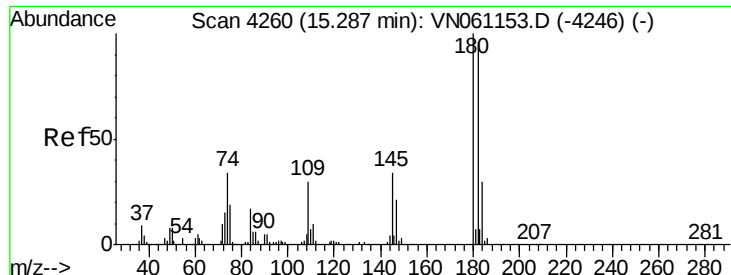
Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion:	128	Resp:	204206
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 44.687 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.5
145	34.0	16.9	50.7

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:18:18 PM

