

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053337.D
 Acq On : 10 Jan 2019 13:14
 Operator : MD\SY
 Sample : VN0110WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0110WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:11:44 AM

Quant Time: Jan 11 06:14:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	151200	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	864933	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	776910	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	288489	30.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.10%
60) 4-Bromofluorobenzene	12.40	95	359994	30.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.93%
63) Toluene-d8	10.09	98	1046297	29.89	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	199496	19.802	ug/l 99
3) Chloromethane	2.06	50	238198	20.146	ug/l 99
4) Vinyl Chloride	2.19	62	228661	19.652	ug/l 97
5) Bromomethane	2.56	94	145916	19.451	ug/l 99
6) Chloroethane	2.71	64	132785	19.812	ug/l 100
7) Trichlorofluoromethane	3.02	101	285150	19.845	ug/l 99
8) Diethyl Ether	3.41	74	109926	20.592	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	3.77	101	174693	19.351	ug/l 96
10) 1,1-Dichloroethene	3.74	96	171725	19.492	ug/l 97
11) Methyl Iodide	3.96	142	271325	21.030	ug/l 99
12) Methyl Acetate	4.32	43	155681	22.672	ug/l 96
13) Acrolein	3.61	56	82197	100.260	ug/l 99
14) Acrylonitrile	4.99	53	339854	110.631	ug/l 98
15) Acetone	3.81	58	78773	120.656	ug/l 92
16) Carbon Disulfide	4.06	76	492963	18.189	ug/l 100
17) Allyl chloride	4.33	41	278050	20.062	ug/l 98
18) Methylene Chloride	4.55	84	203360	20.169	ug/l 95
19) trans-1,2-Dichloroethene	5.05	96	182532	19.605	ug/l 92
20) Diisopropyl ether	5.95	45	604948	20.381	ug/l 97
21) 1,1-Dichloroethane	5.85	63	343416	19.872	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	212432	20.255	ug/l 97
23) tert-Butyl Alcohol	4.78	59	52363	101.115	ug/l # 100
24) Methyl tert-Butyl Ether	5.04	73	481656	20.966	ug/l 98
25) Chloroform	7.37	83	338165	20.357	ug/l 99
26) Cyclohexane	7.65	56	308549	19.142	ug/l # 96
29) 1,1-Dichloropropene	7.79	75	258739	19.748	ug/l 98
30) 2-Butanone	6.83	43	377280	115.424	ug/l 97
31) 2,2-Dichloropropane	6.83	77	245354	19.344	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	277993	20.251	ug/l 97
33) Carbon Tetrachloride	7.77	117	237971	19.805	ug/l 99
34) Benzene	8.04	78	802344	20.377	ug/l 97
35) Methacrylonitrile	7.17	41	95880	22.732	ug/l 98
36) 1,2-Dichloroethane	8.12	62	237698	20.795	ug/l 98
37) Trichloroethene	8.84	130	216486	20.296	ug/l 94
38) Methylcyclohexane	9.08	83	310387	20.255	ug/l 97
39) 1,2-Dichloropropane	9.12	63	209963	20.421	ug/l 98
40) Dibromomethane	9.21	93	124060	21.336	ug/l 95

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Manual Integrations
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MMDadoda
 1/11/2019 10:11:44 AM

Quant Time: Jan 11 06:14:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	254606	20.390	ug/l	98
42) Vinyl Acetate	5.90	43	1934789	108.497	ug/l	97
43) Ethyl Acetate	6.93	43	169123	23.169	ug/l #	70
44) Isopropyl Acetate	8.16	43	307377	22.605	ug/l #	82
45) 1,4-Dioxane	9.20	88	29823	358.664	ug/l	94
46) Methyl methacrylate	9.20	41	151698	22.083	ug/l	96
47) n-amyl Acetate	12.07	43	266537	22.320	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	258370	20.272	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	303519	20.225	ug/l	95
50) 1,1,2-Trichloroethane	10.56	97	179912	21.580	ug/l	99
51) Ethyl methacrylate	10.43	69	238111	21.914	ug/l	91
52) 1,3-Dichloropropane	10.71	76	307793	21.431	ug/l	100
53) Dibromochloromethane	10.90	129	195544	20.883	ug/l	98
54) 1,2-Dibromoethane	11.01	107	180086	21.412	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	640964	102.789	ug/l	98
56) Bromoform	12.13	173	136181	21.260	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	861254	116.336	ug/l	97
59) 2-Hexanone	10.75	43	578311	113.153	ug/l	96
61) Tetrachloroethene	10.63	164	237466	20.683	ug/l	97
62) Toluene	10.16	91	870810	20.438	ug/l	100
64) Chlorobenzene	11.43	112	545536	20.403	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	190880	20.352	ug/l	99
66) Ethyl Benzene	11.51	91	939956	20.343	ug/l	98
67) m/p-Xylenes	11.62	106	718059	41.090	ug/l	98
68) o-Xylene	11.95	106	350035	20.670	ug/l	99
69) Styrene	11.96	104	571207	20.665	ug/l	100
70) Isopropylbenzene	12.25	105	936843	21.027	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	210970	22.494	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	189058m	23.019	ug/l	
73) Bromobenzene	12.53	156	240688	21.016	ug/l	94
74) n-propylbenzene	12.59	91	1058482	20.987	ug/l	99
75) 2-Chlorotoluene	12.67	91	630830	21.119	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	759376	21.486	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	59247	20.530	ug/l	95
78) 4-Chlorotoluene	12.77	91	633539	20.836	ug/l	99
79) tert-butylbenzene	12.99	119	675509	21.915	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	760147	21.459	ug/l	99
81) sec-Butylbenzene	13.17	105	911139	22.323	ug/l	99
82) p-Isopropyltoluene	13.29	119	789275	22.378	ug/l	98
83) 1,3-Dichlorobenzene	13.28	146	424577	21.773	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	409354	21.535	ug/l	98
85) n-Butylbenzene	13.62	91	635964	22.173	ug/l	99
86) Hexachloroethane	13.88	117	116278	20.649	ug/l	94
87) 1,2-Dichlorobenzene	13.65	146	403305	22.258	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	28723	21.414	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	147034	16.719	ug/l	99
90) Hexachlorobutadiene	15.01	225	125933	23.657	ug/l	99
91) Naphthalene	15.13	128	251109	13.458	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	101854	12.981	ug/l	99

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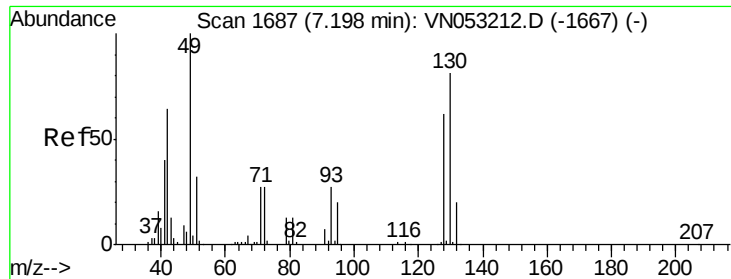
Manual Integrations
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QLast Update : Fri Dec 28 10:33:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

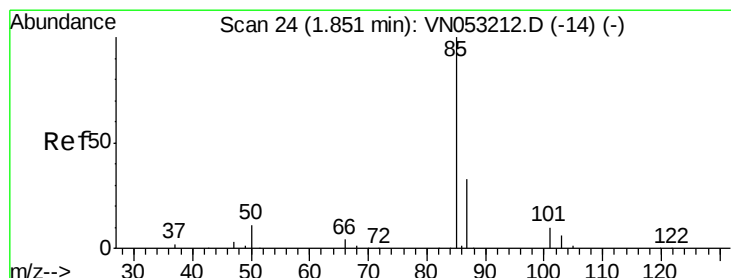
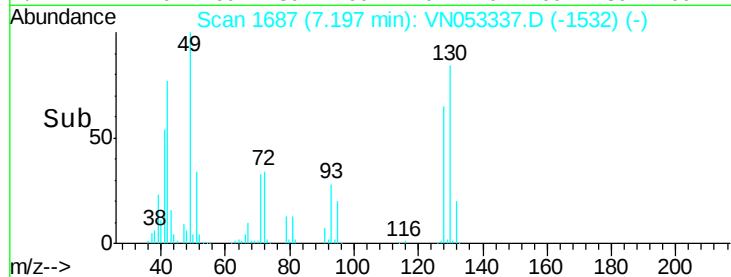
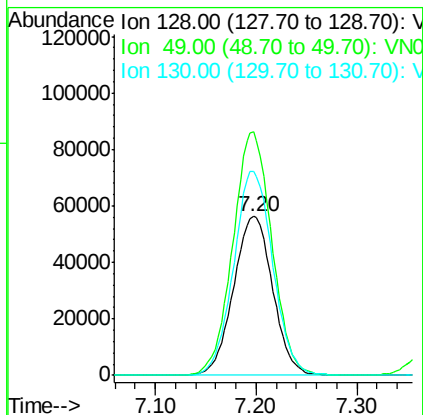
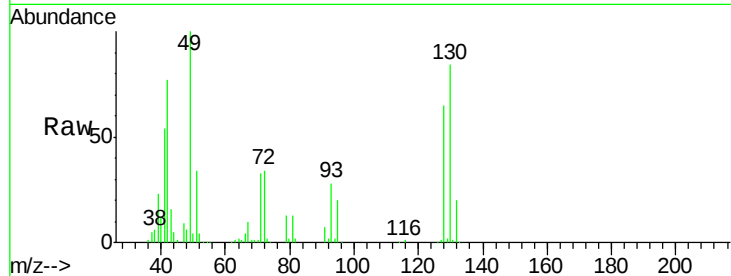
ClientSampleId :

VN0110WBS01

Tot Ion:	128	Resp:	151200
Ion	Ratio	Lower	Upper
128	100		
49	152.9	0.0	431.8
130	129.0	0.0	317.0

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#2

Dichlorodifluoromethane

Concen: 19.802 ug/l

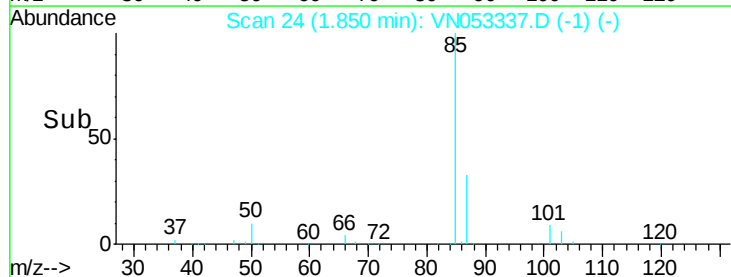
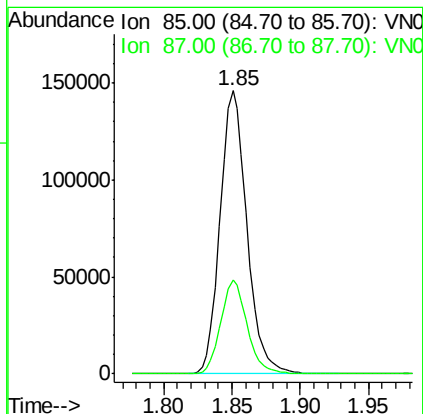
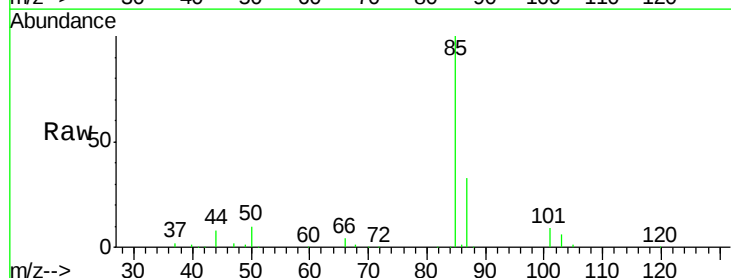
RT: 1.85 min Scan# 24

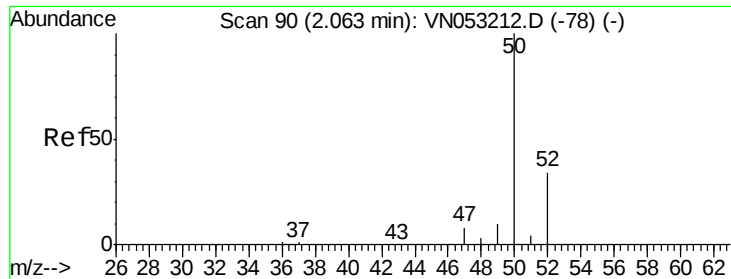
Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Tgt Ion:	85	Resp:	199496
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.1	48.3





#3

Chloromethane

Concen: 20.146 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

Tot Ion: 50 Resp: 238198

Ion Ratio Lower Upper

50 100

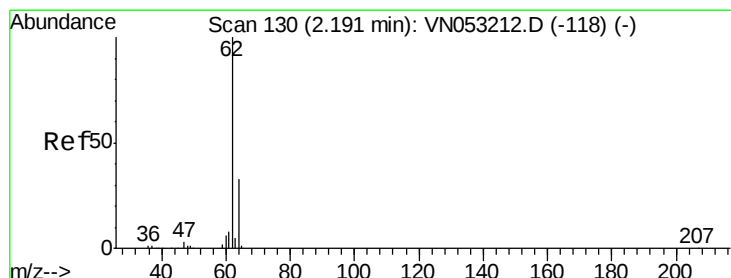
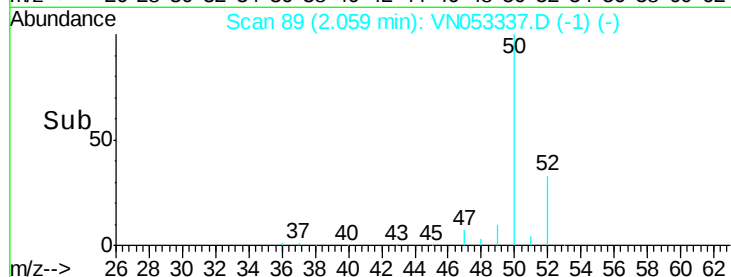
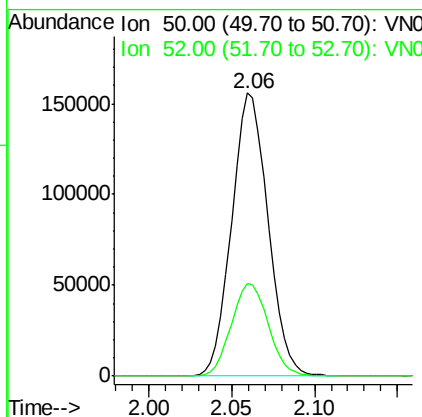
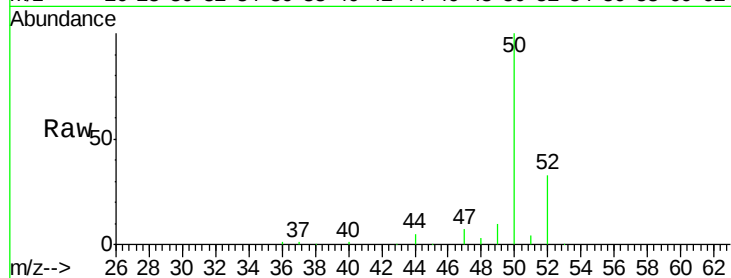
52 32.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.652 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053337.D

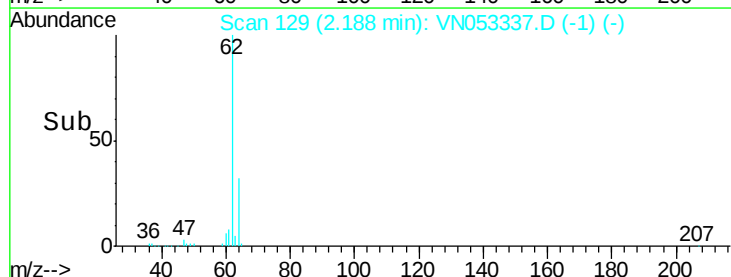
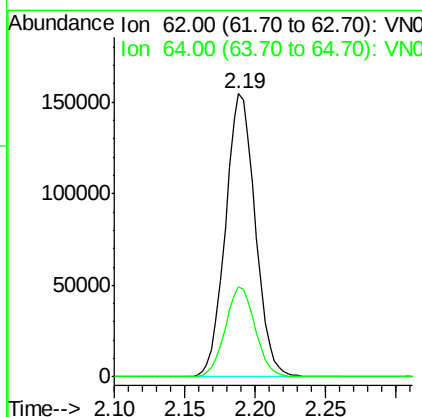
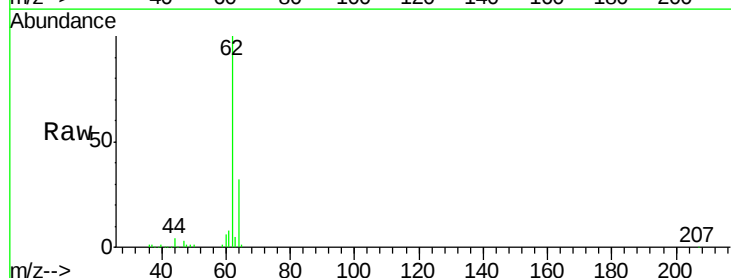
Acq: 10 Jan 2019 13:14

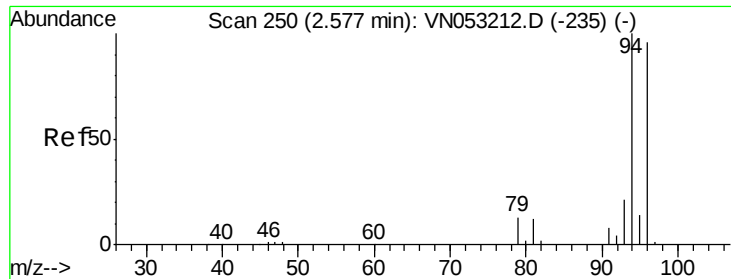
Tgt Ion: 62 Resp: 228661

Ion Ratio Lower Upper

62 100

64 31.8 24.2 36.4





#5

Bromomethane

Concen: 19.451 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

Tot Ion: 94 Resp: 145916

Ion Ratio Lower Upper

94 100

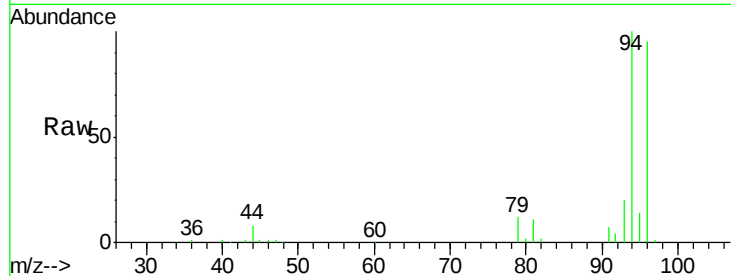
96 94.5 76.2 114.2

Manual Integrations

APPROVED

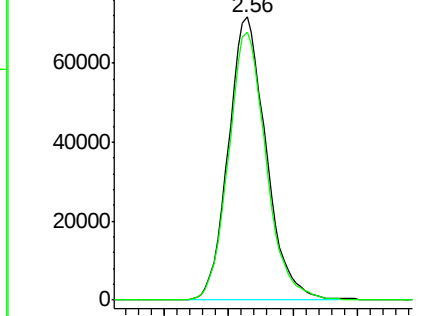
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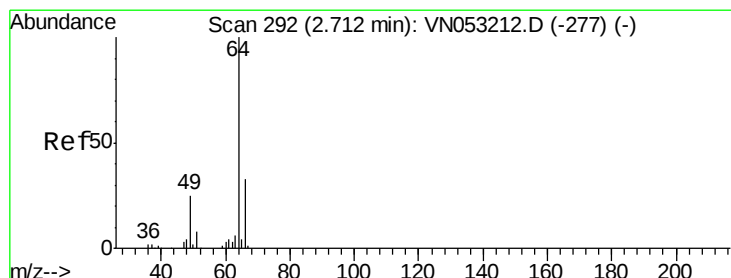
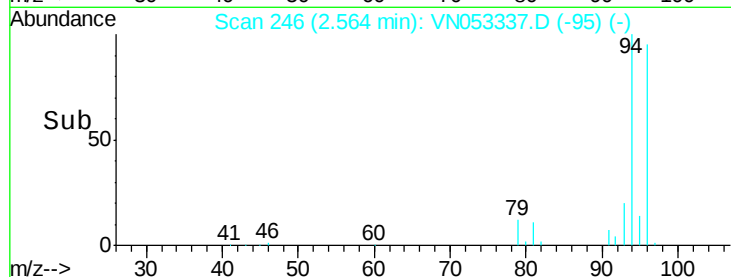


Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



Time-->



#6

Chloroethane

Concen: 19.812 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.01 min

Lab File: VN053337.D

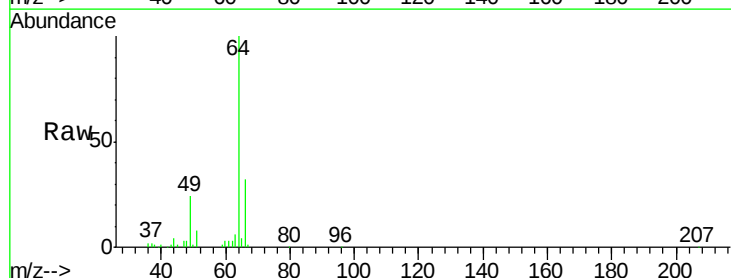
Acq: 10 Jan 2019 13:14

Tgt Ion: 64 Resp: 132785

Ion Ratio Lower Upper

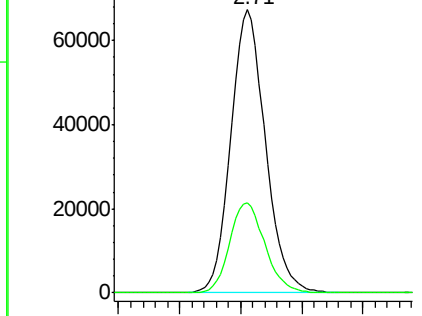
64 100

66 31.9 25.6 38.4

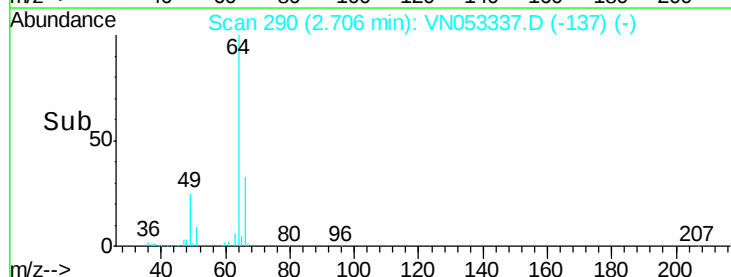


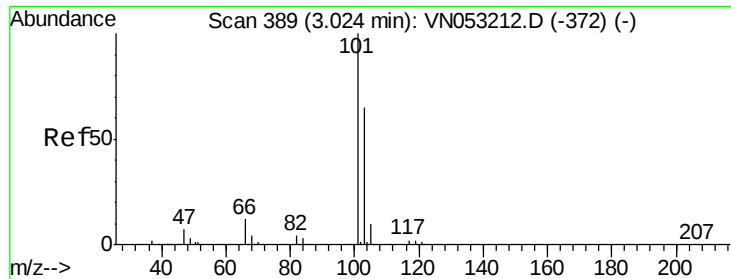
Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



Time-->





#7

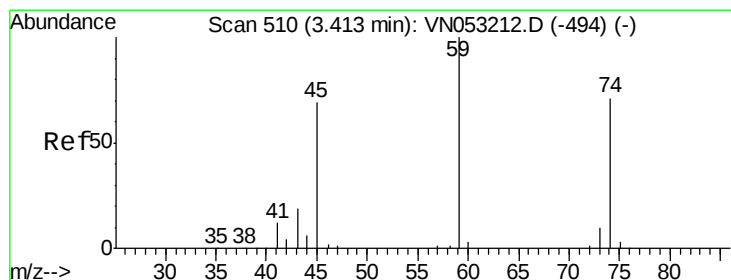
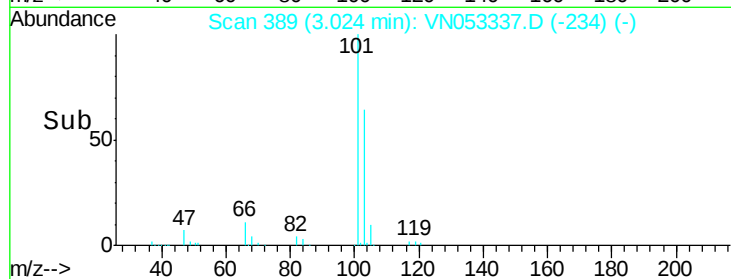
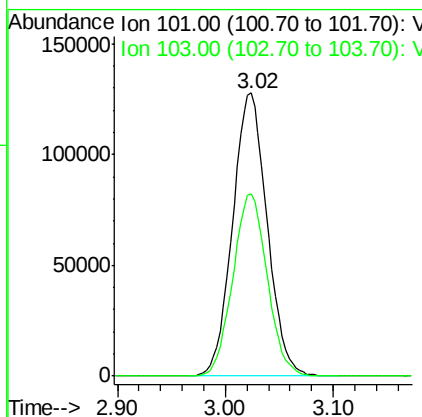
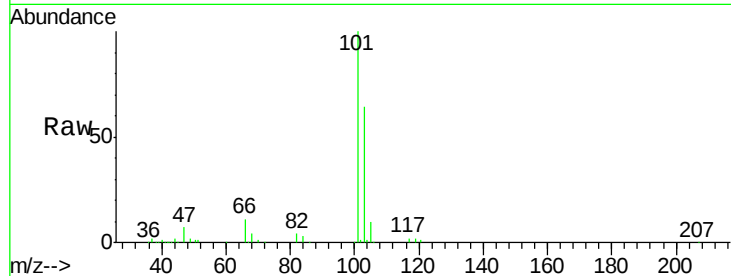
Trichlorofluoromethane
Concen: 19.845 ug/l
RT: 3.02 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
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VN0110WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		285150		
103	64.4	52.1	78.1		

Manual Integrations
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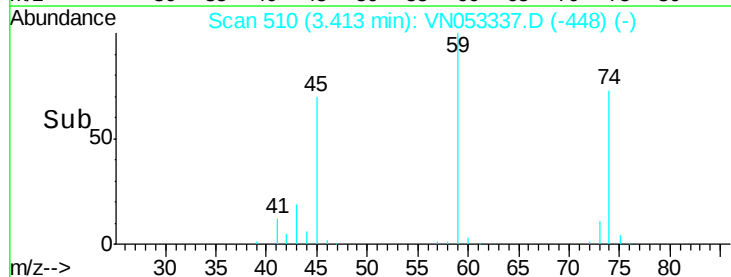
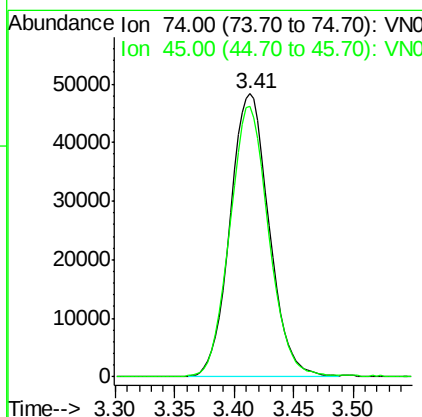
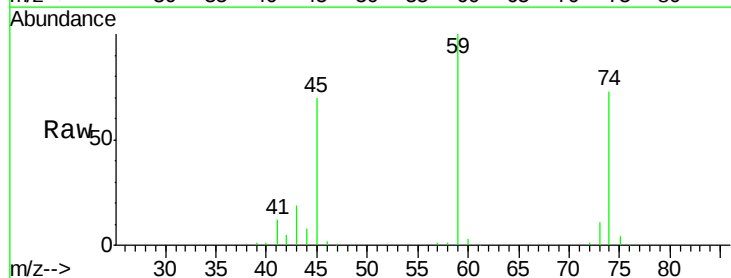
MMDadoda
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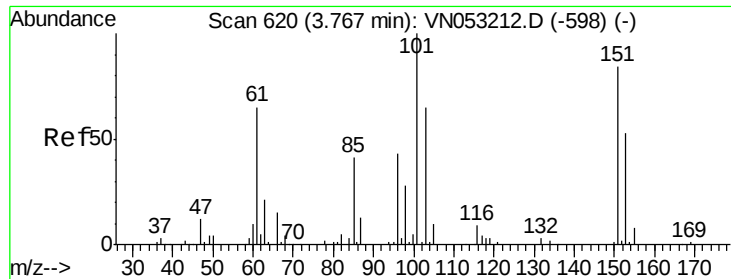


#8

Diethyl Ether
Concen: 20.592 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		109926		
45	95.3	20.6	185.8		





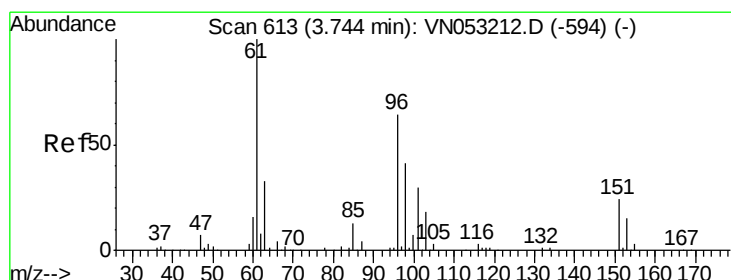
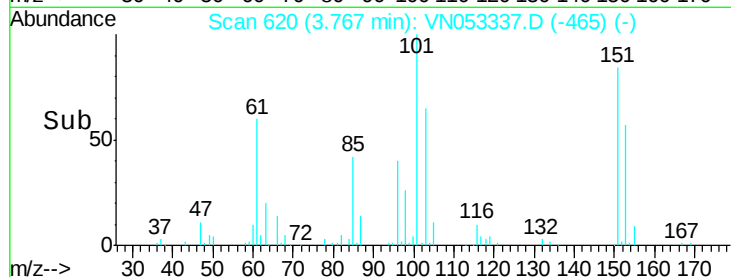
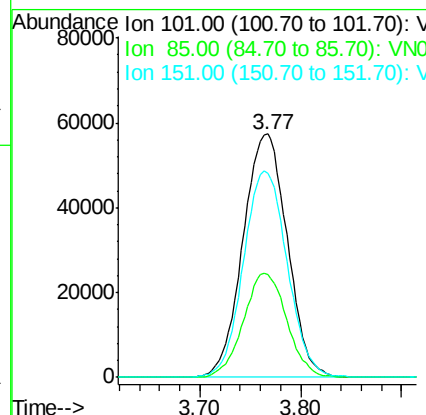
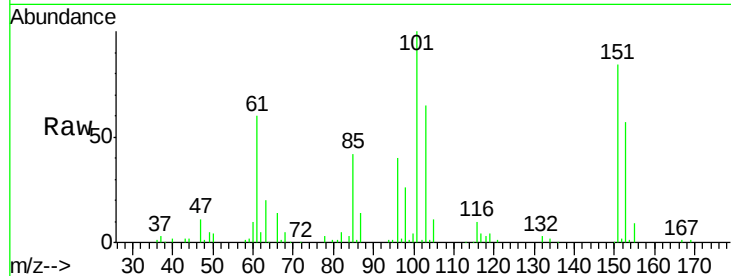
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.351 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	174693		
85	41.8	0.0	82.6	
151	84.1	0.0	158.4	

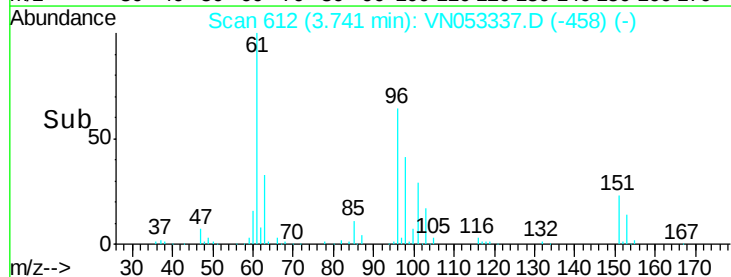
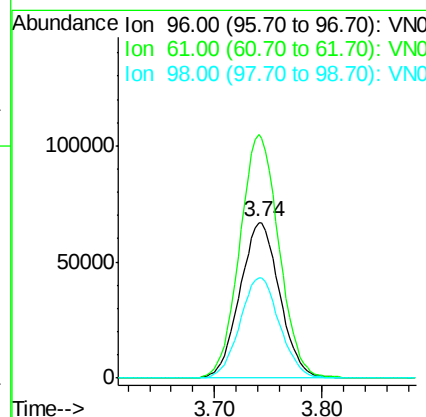
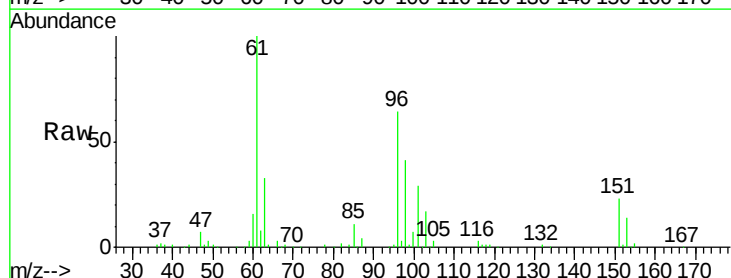
Manual Integrations
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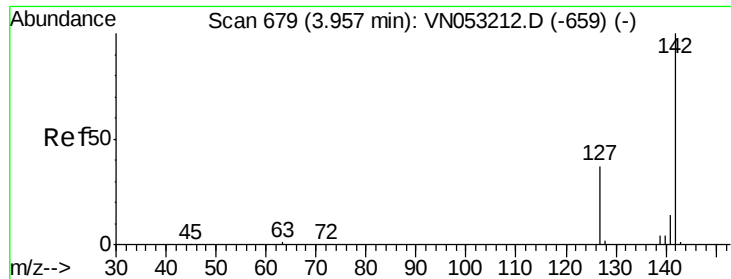
MMDadoda
 1/11/2019 10:11:44 AM



#10
 1,1-Dichloroethene
 Concen: 19.492 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	171725		
61	156.5	129.4	194.2	
98	64.7	50.4	75.6	





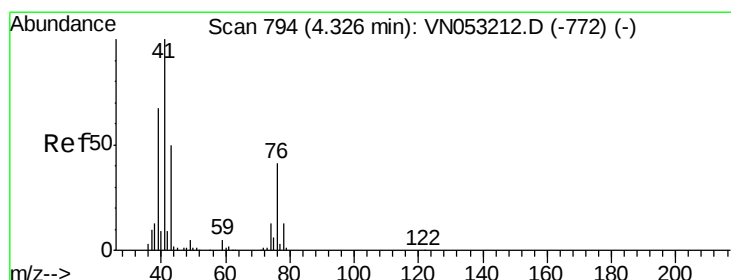
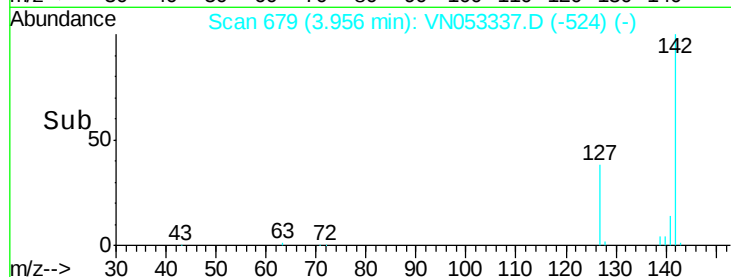
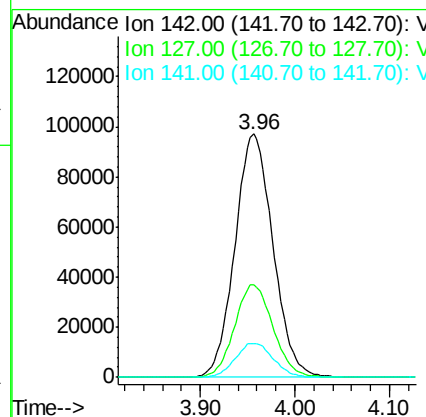
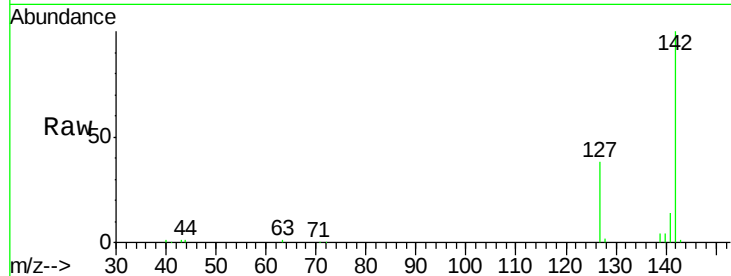
#11
Methvl Iodide
Concen: 21.030 ug/l
RT: 3.96 min Scan# 679
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.1	19.4	58.1
141	14.1	7.2	21.6

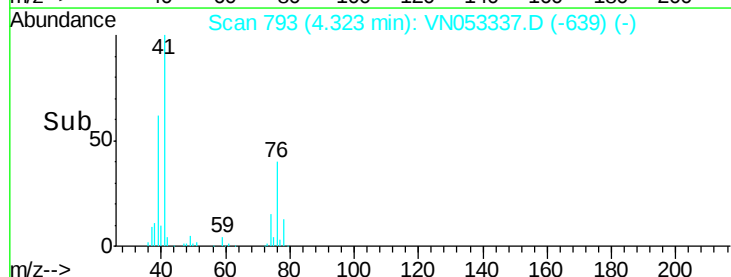
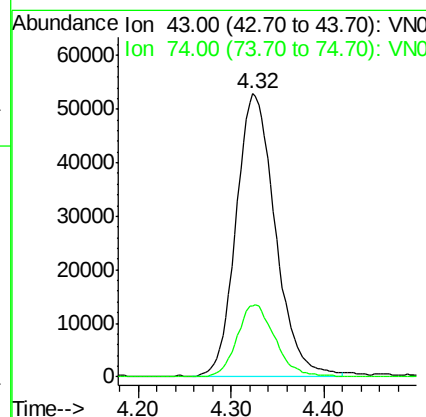
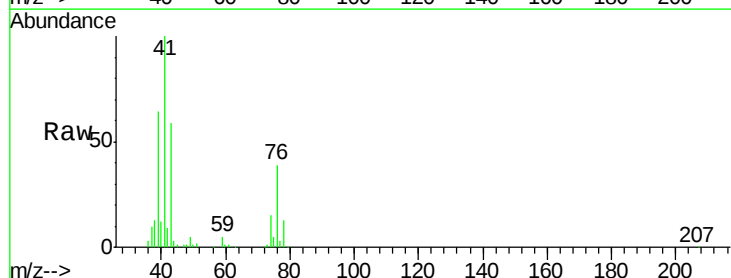
Manual Integrations
APPROVED

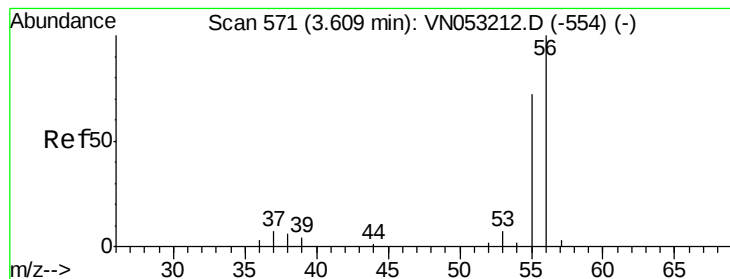
MMDadoda
1/11/2019 10:11:44 AM



#12
Methyl Acetate
Concen: 22.672 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	18.9	28.3





#13

Acrolein

Concen: 100.260 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

Tot Ion: 56 Resp: 82197

Ion Ratio Lower Upper

56 100

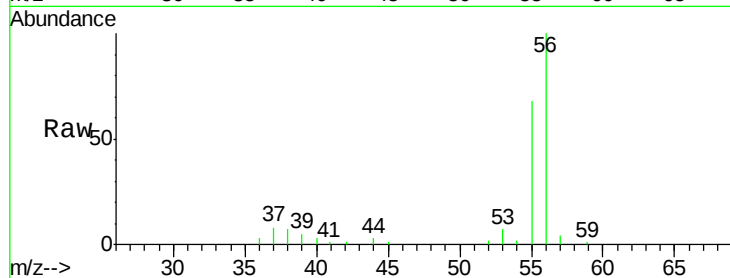
55 70.4 56.7 85.1

Manual Integrations

APPROVED

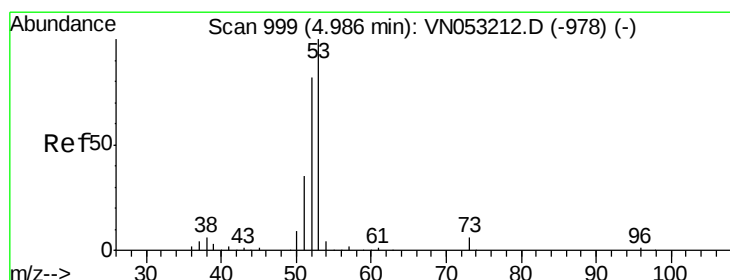
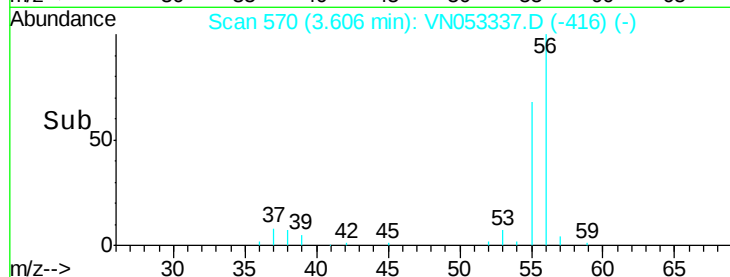
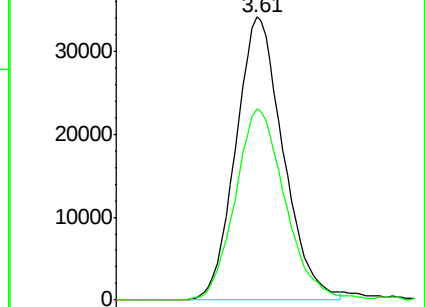
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 110.631 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

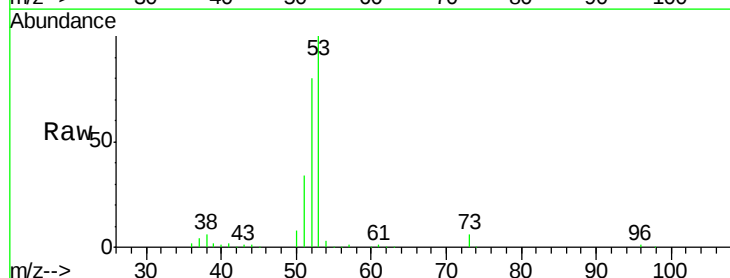
Tgt Ion: 53 Resp: 339854

Ion Ratio Lower Upper

53 100

52 81.5 39.9 119.7

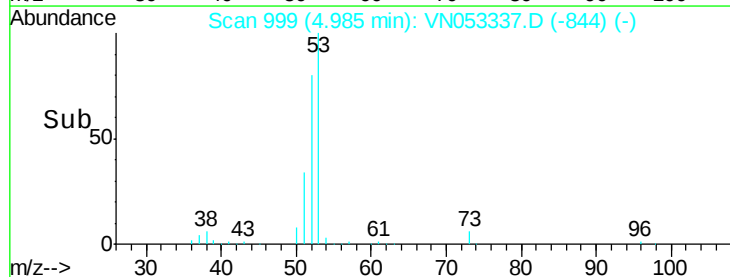
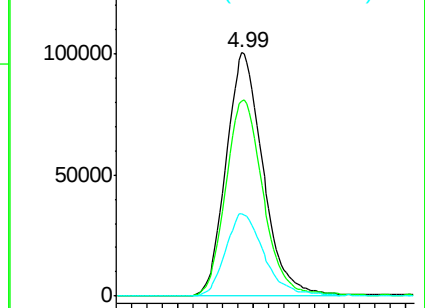
51 34.7 17.6 52.9

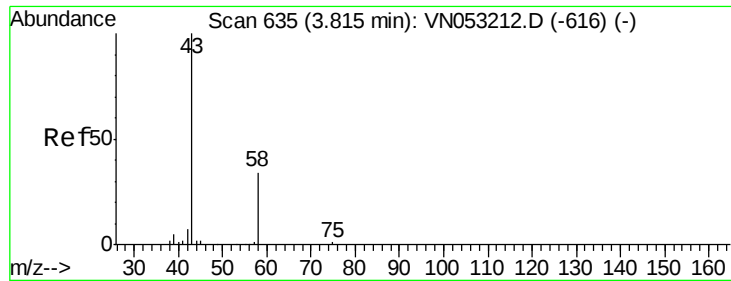


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 120.656 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

Tot Ion: 58 Resp: 78773

Ion Ratio Lower Upper

58 100

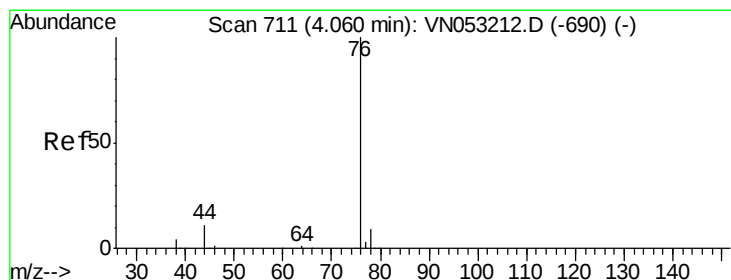
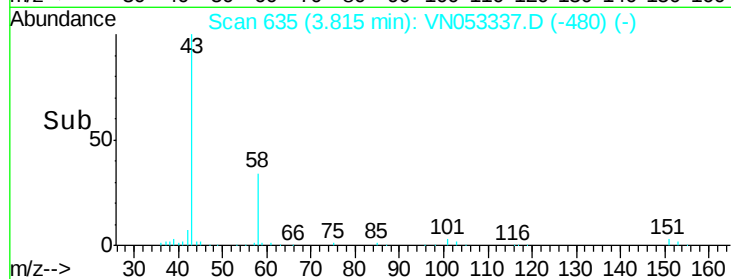
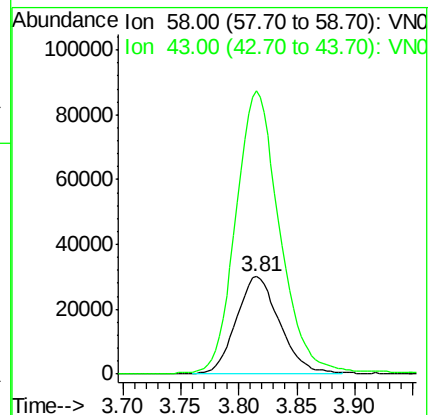
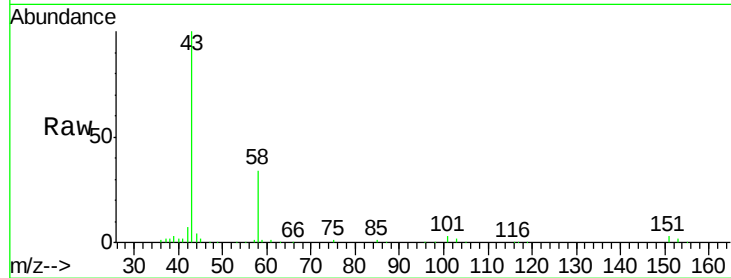
43 287.9 243.6 365.4

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.189 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN053337.D

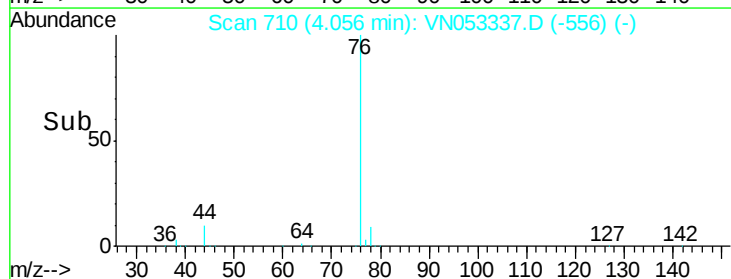
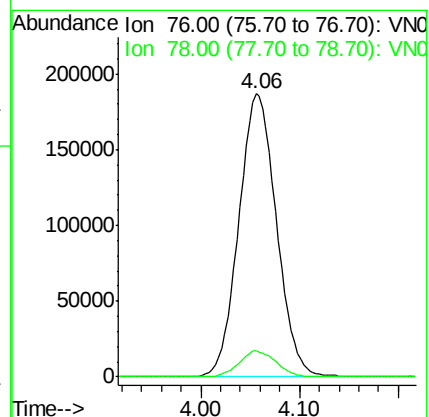
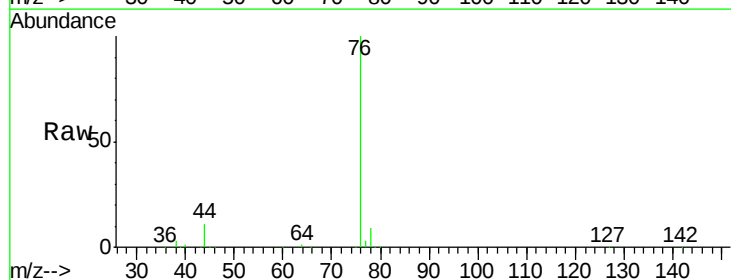
Acq: 10 Jan 2019 13:14

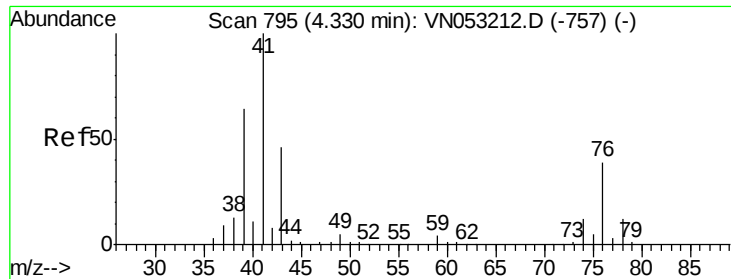
Tgt Ion: 76 Resp: 492963

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





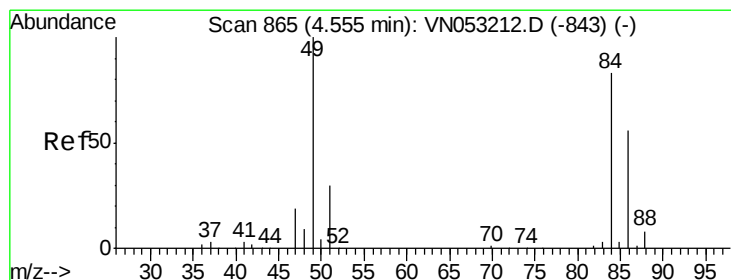
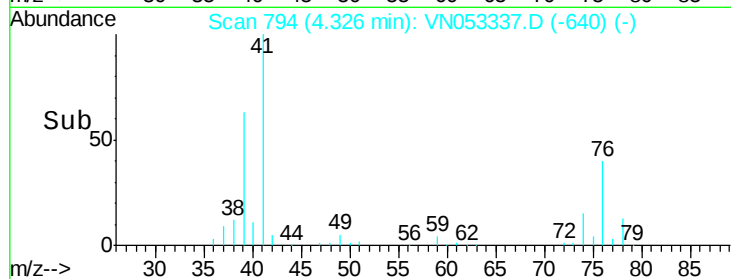
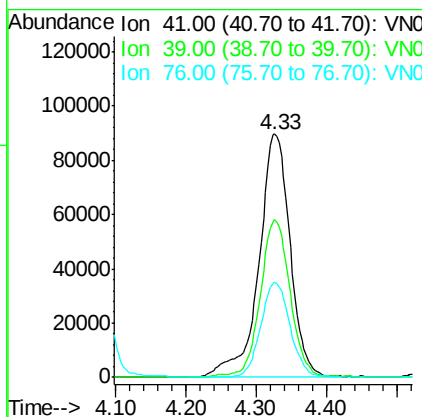
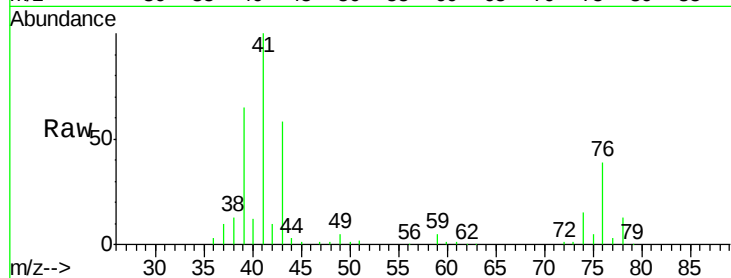
#17
Allvl chloride
Concen: 20.062 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.7	32.8	98.3
76	39.1	18.6	55.8

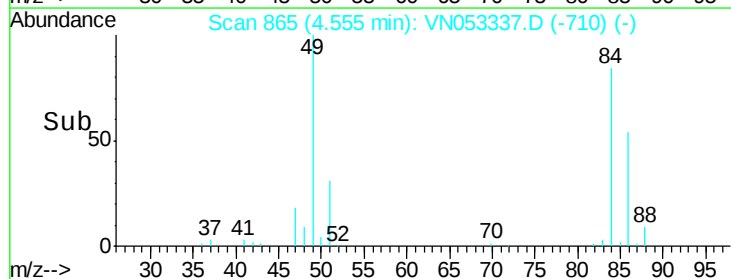
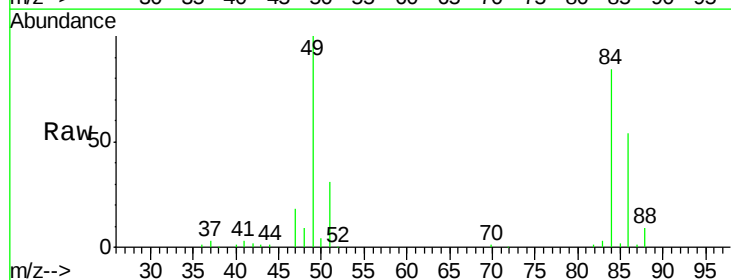
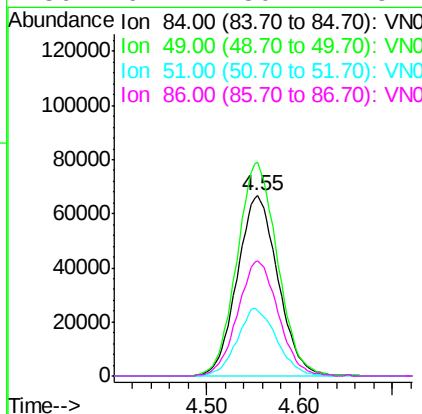
Manual Integrations
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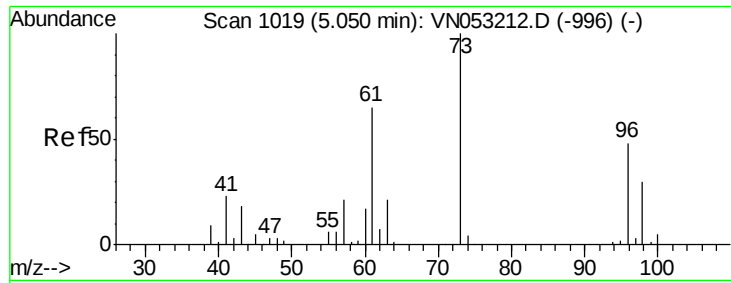
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#18
Methylene Chloride
Concen: 20.169 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	101.4	152.0
51	36.6	31.7	47.5
86	64.2	50.1	75.1





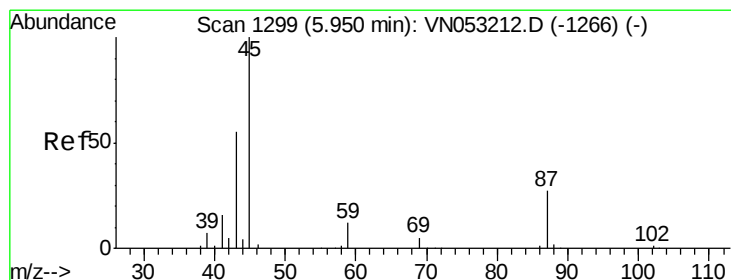
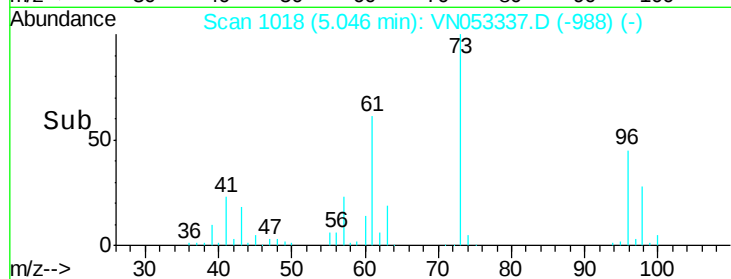
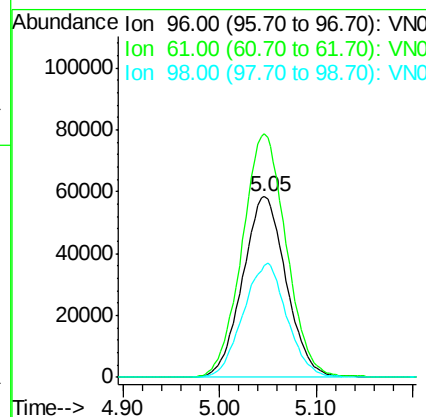
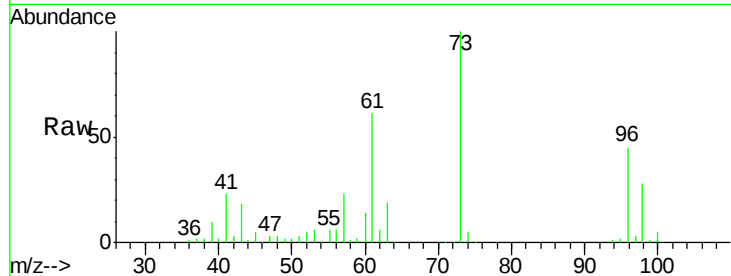
#19
trans-1,2-Dichloroethene
Concen: 19.605 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampled :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	118.2	177.4
98	61.9	51.4	77.2

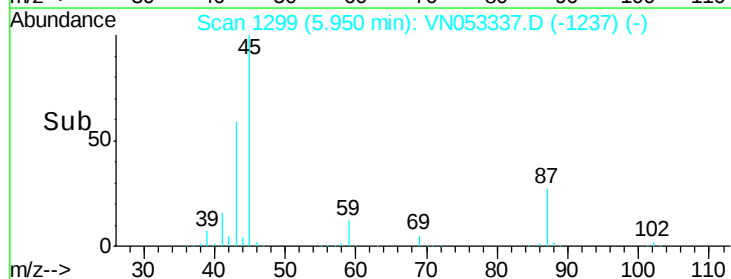
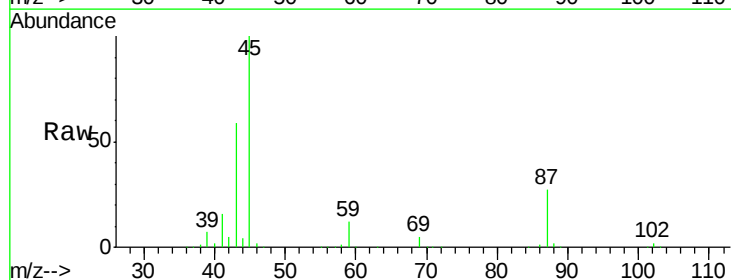
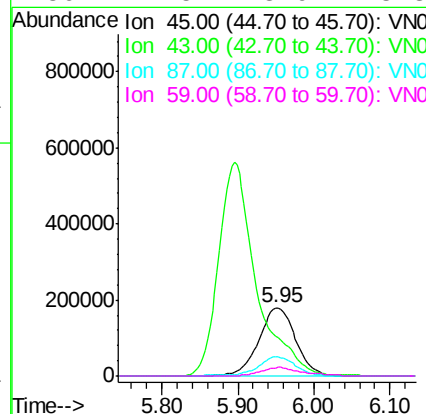
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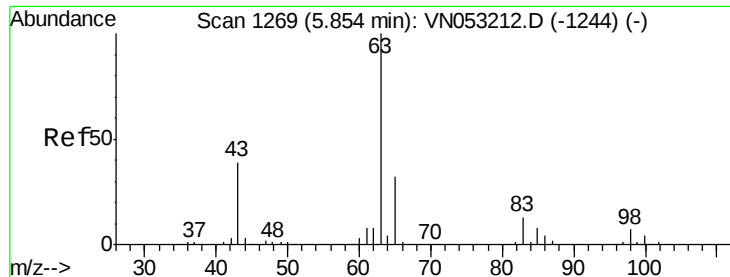
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#20
Diisopropyl ether
Concen: 20.381 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.1	47.8	71.8
87	27.2	21.3	31.9
59	11.5	8.9	13.3





#21

1,1-Dichloroethane

Concen: 19.872 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

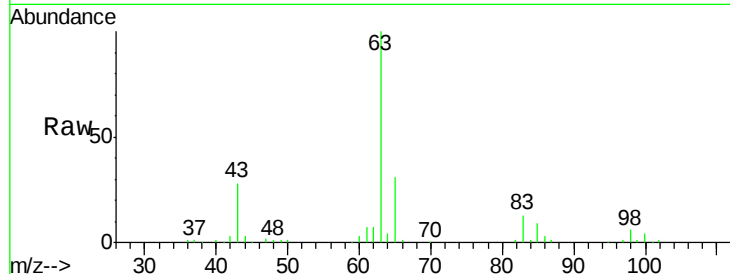
ClientSampled :

VN0110WBS01

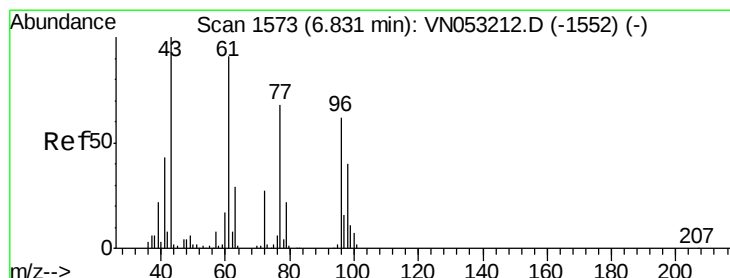
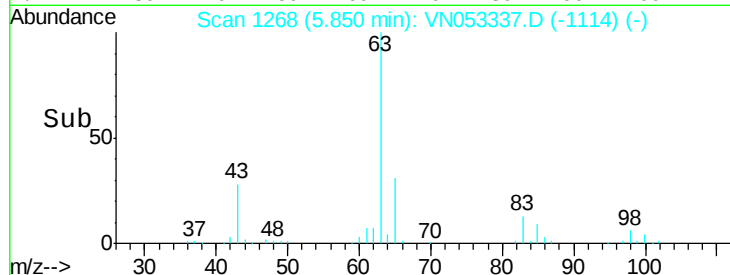
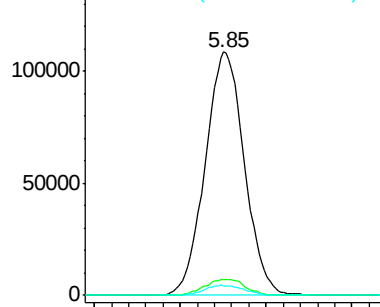
Tot Ion:	63	Resp:	343416
Ion Ratio		Lower	Upper
63	100		
98	6.5	3.0	9.2
100	4.1	1.8	5.5

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Abundance Ion 63.00 (62.70 to 63.70): VN053337.D (-1114) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.255 ug/l

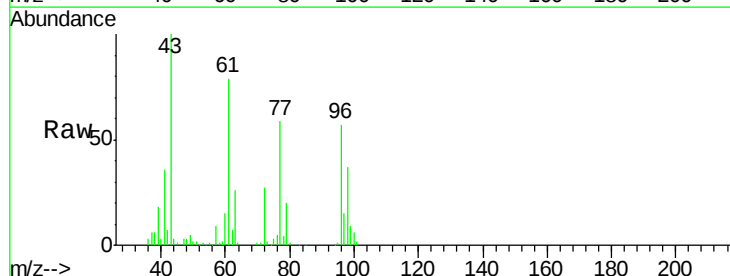
RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

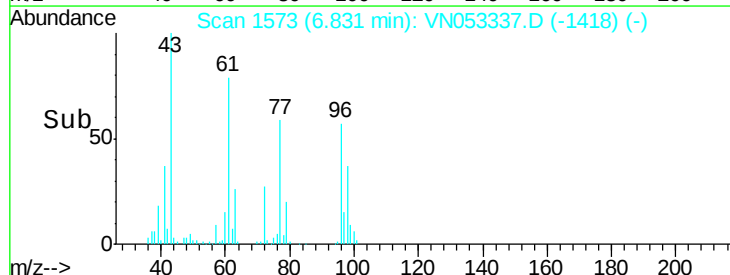
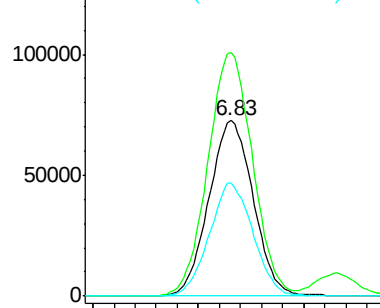
Lab File: VN053337.D

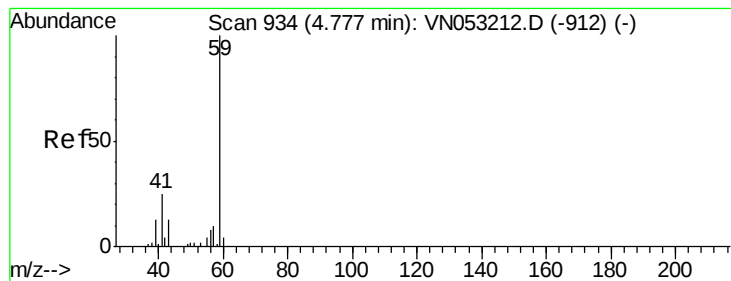
Acq: 10 Jan 2019 13:14

Tgt Ion:	96	Resp:	212432
Ion Ratio		Lower	Upper
96	100		
61	139.9	116.7	175.1
98	63.6	50.8	76.2



Abundance Ion 96.00 (95.70 to 96.70): VN053337.D (-1418) (-)





#23

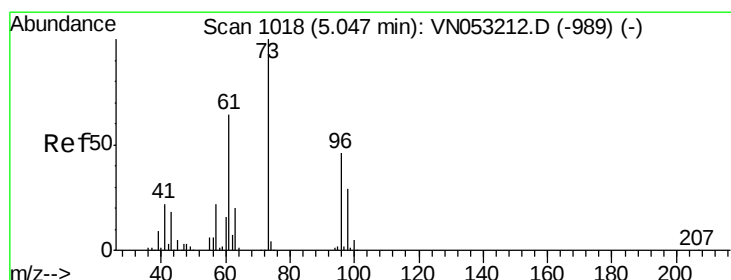
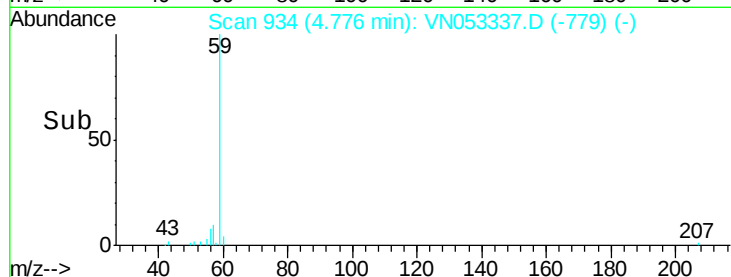
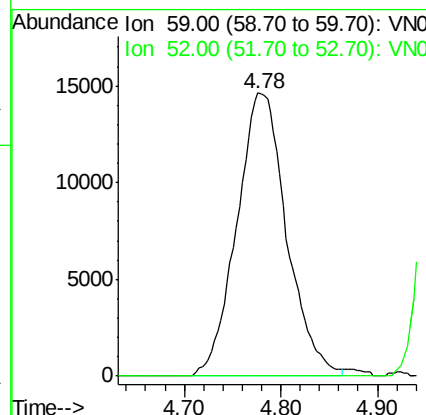
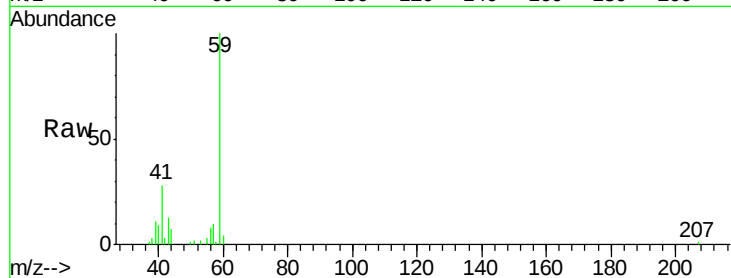
tert-Butyl Alcohol
 Concen: 101.115 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Tot Ion: 59 Resp: 52363
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

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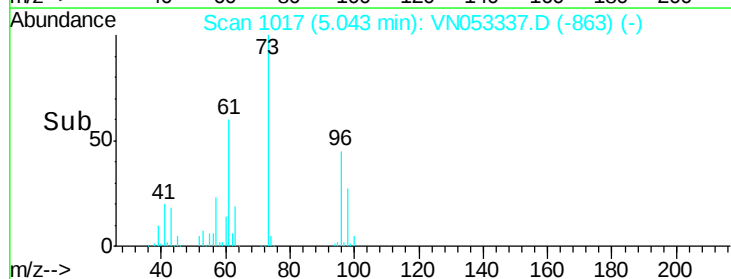
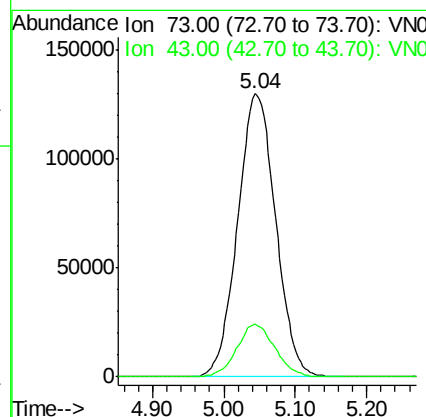
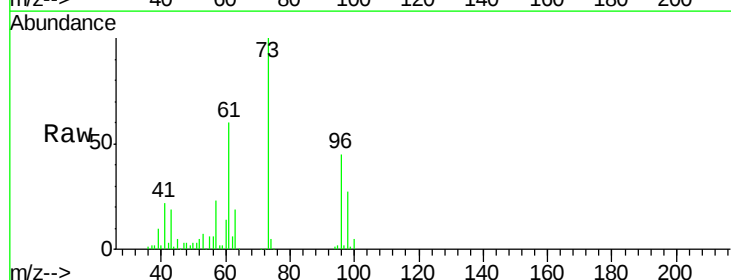
MMDadoda
 1/11/2019 10:11:44 AM

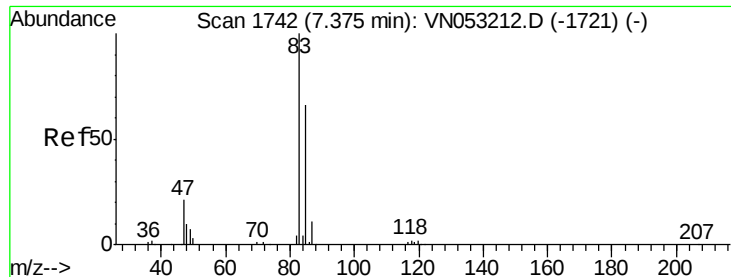


#24

Methyl tert-Butyl Ether
 Concen: 20.966 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion: 73 Resp: 481656
 Ion Ratio Lower Upper
 73 100
 43 18.7 15.8 23.8





#25

Chloroform

Concen: 20.357 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

Tot Ion: 83 Resp: 338165

Ion Ratio Lower Upper

83 100

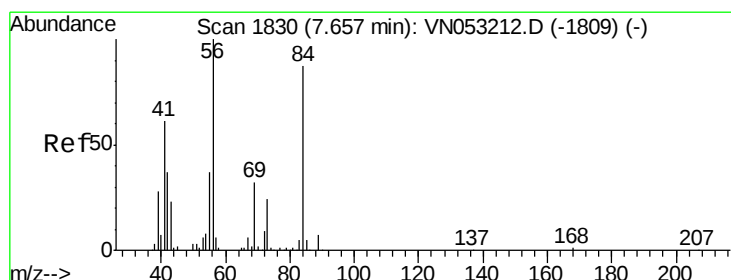
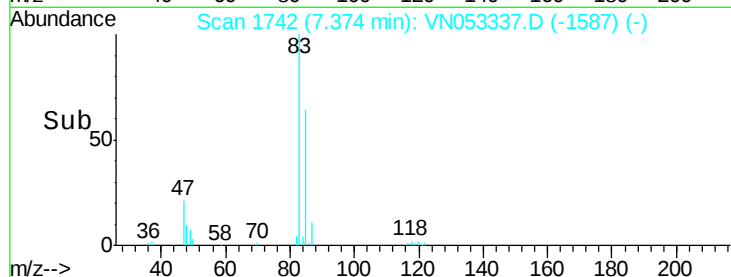
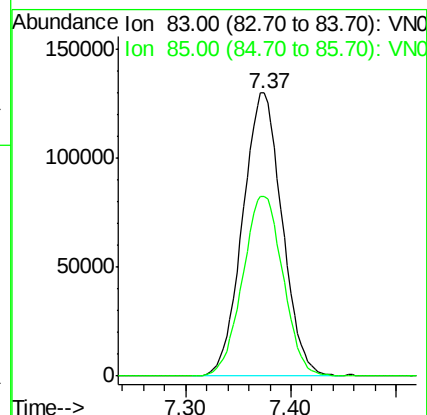
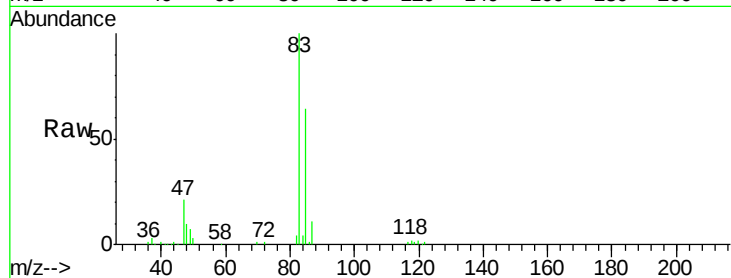
85 63.6 51.7 77.5

Manual Integrations

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1/11/2019 10:11:44 AM



#26

Cyclohexane

Concen: 19.142 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

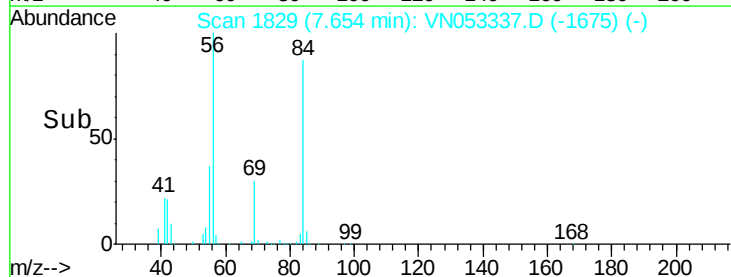
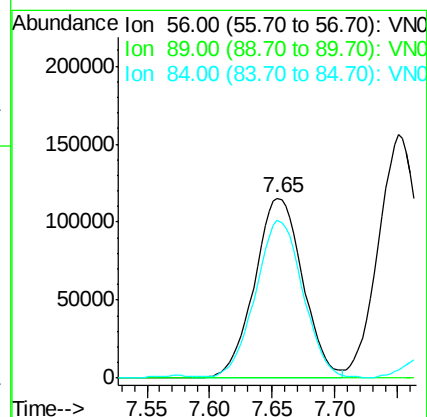
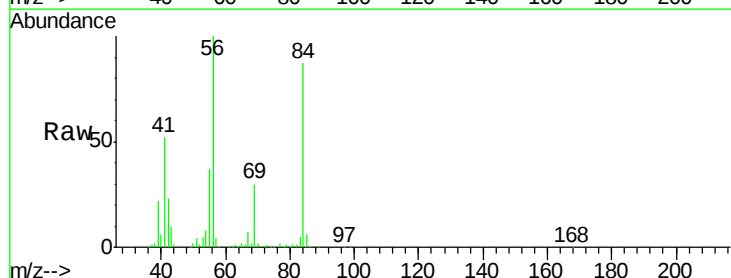
Tgt Ion: 56 Resp: 308549

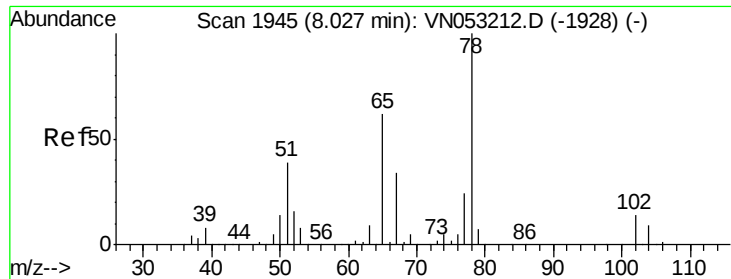
Ion Ratio Lower Upper

56 100

89 0.0 0.5 0.7#

84 86.6 66.2 99.2





#27

1,2-Dichloroethane-d4

Concen: 19.142 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

VN0110WBS01

Tot Ion: 65 Resp: 288489

Ion Ratio Lower Upper

65 100

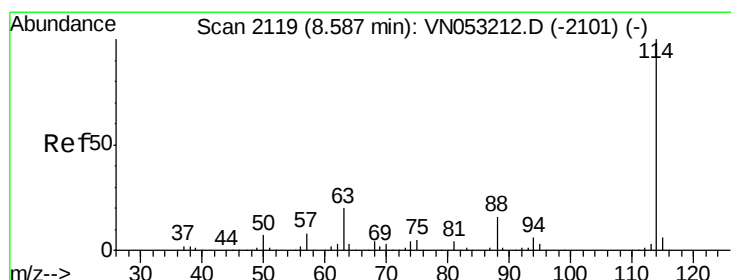
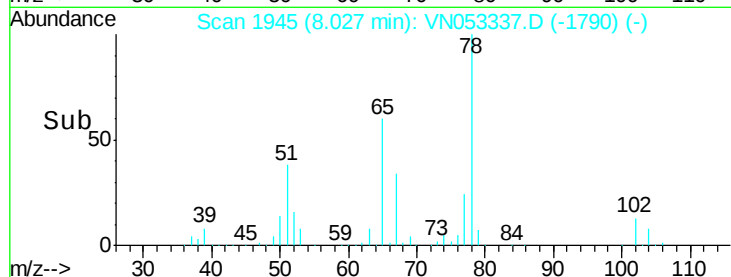
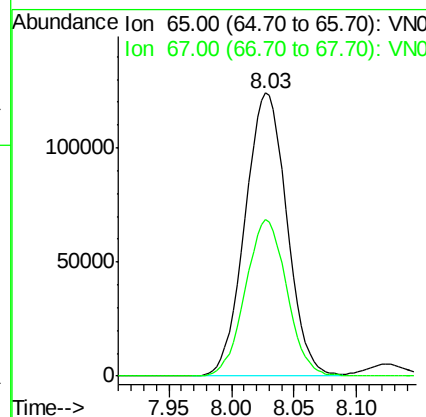
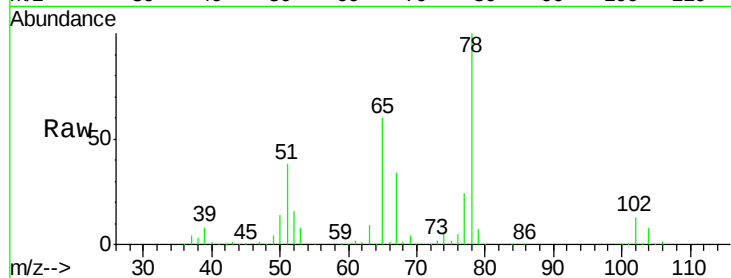
67 54.6 44.6 66.8

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

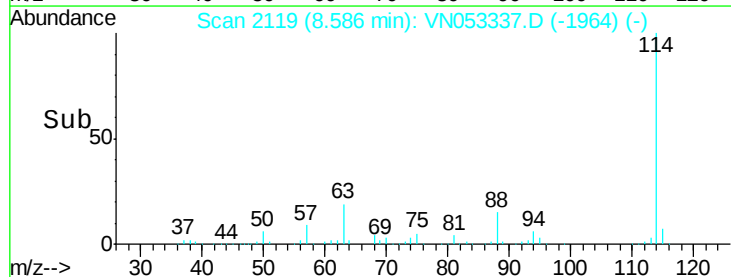
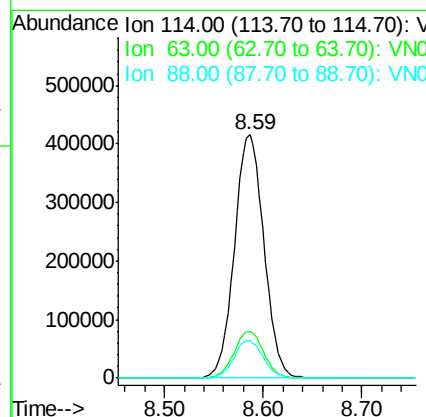
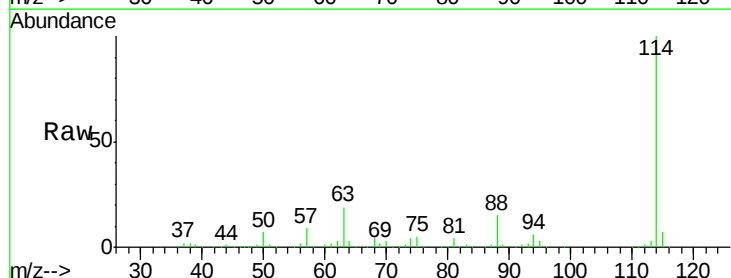
Tgt Ion: 114 Resp: 864933

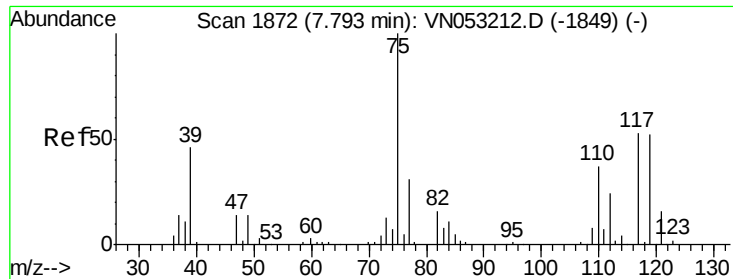
Ion Ratio Lower Upper

114 100

63 19.3 16.9 25.3

88 15.4 12.8 19.2





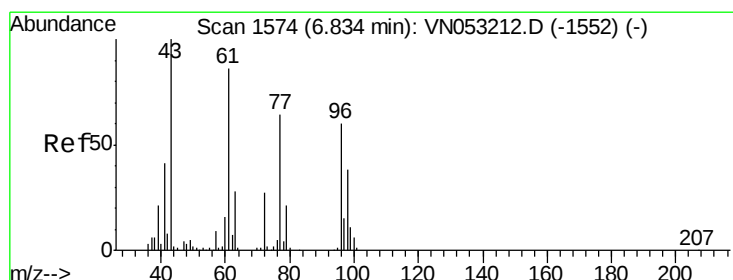
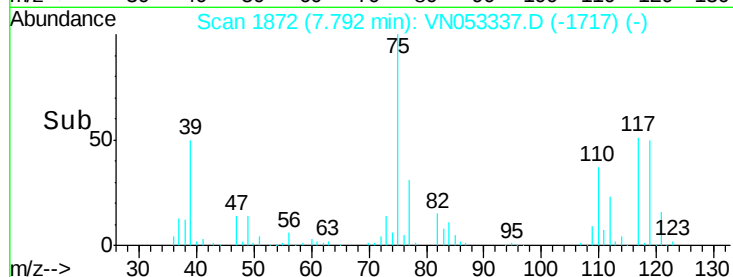
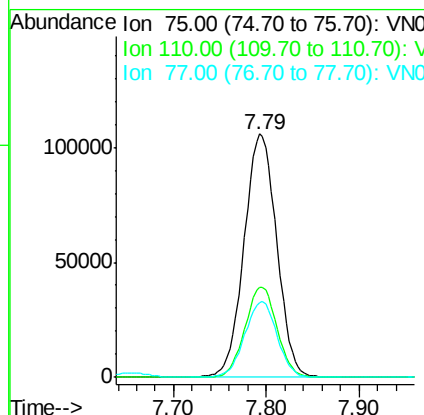
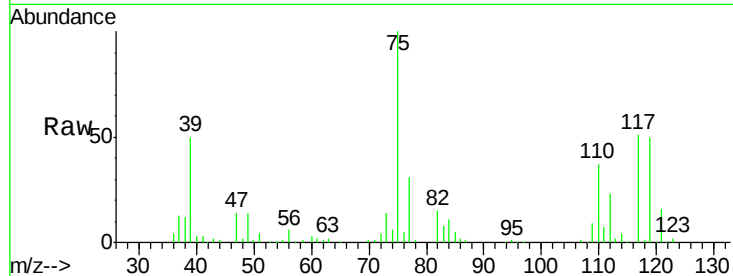
#29
 1,1-Dichloropropene
 Concen: 19.748 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0110WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.4	0.0	70.2
77	30.6	0.0	62.6

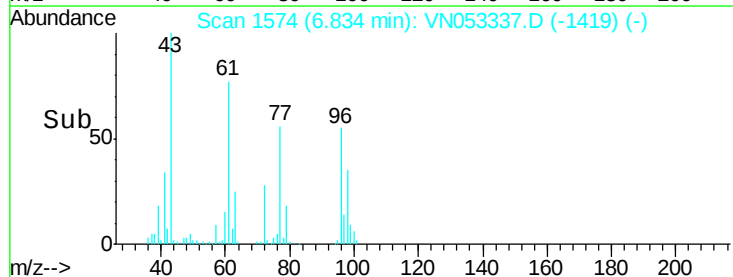
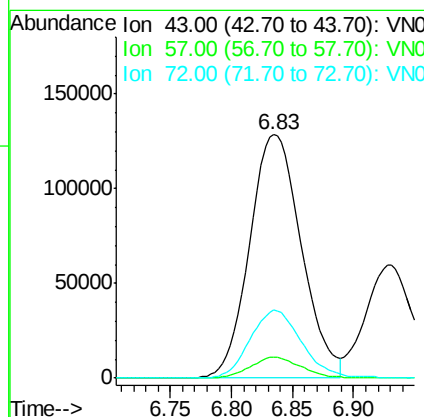
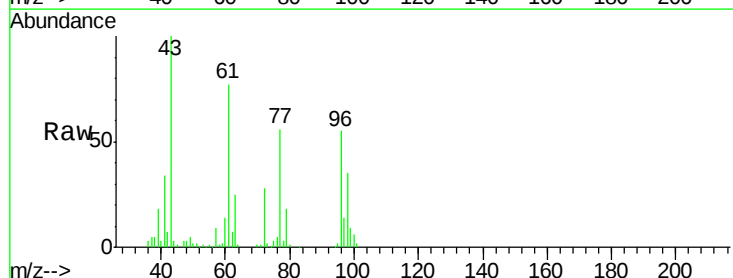
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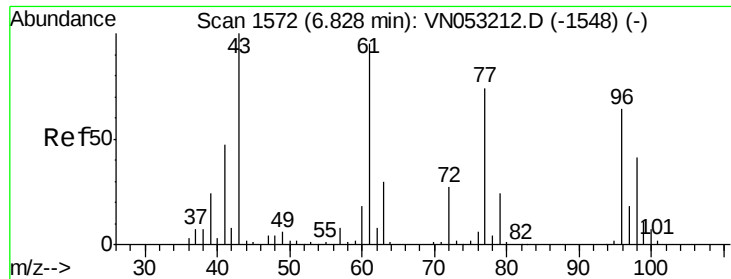
MMDadoda
 1/11/2019 10:11:44 AM



#30
 2-Butanone
 Concen: 115.424 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	6.2	9.4
72	28.0	21.0	31.6





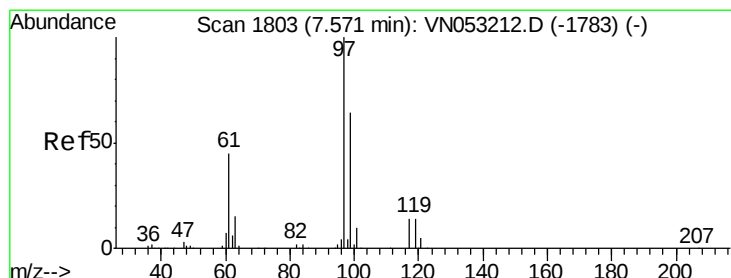
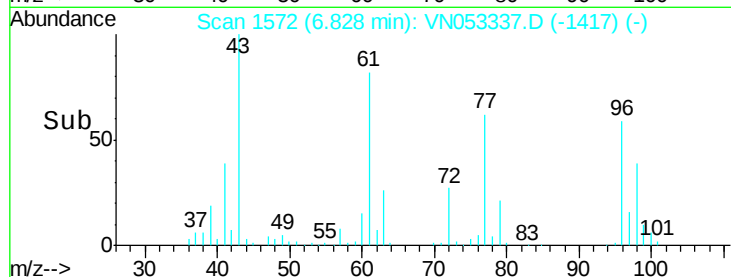
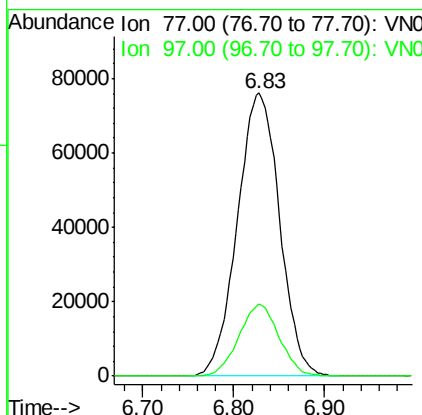
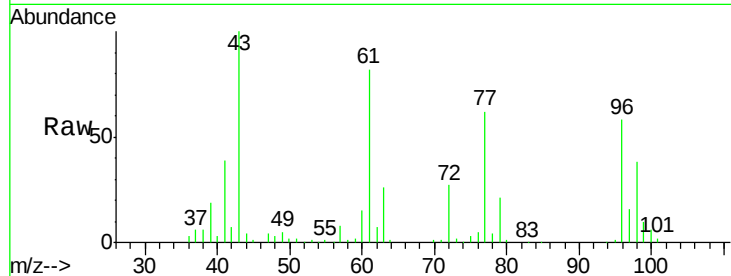
#31
 2,2-Dichloropropane
 Concen: 19.344 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Tot Ion: 77 Resp: 245354
 Ion Ratio Lower Upper
 77 100
 97 24.2 18.7 28.1

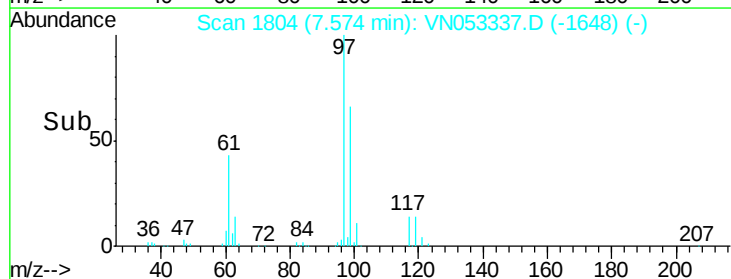
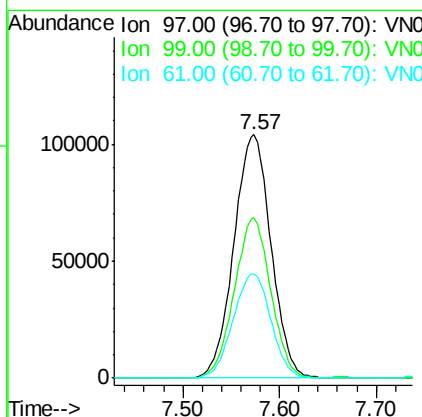
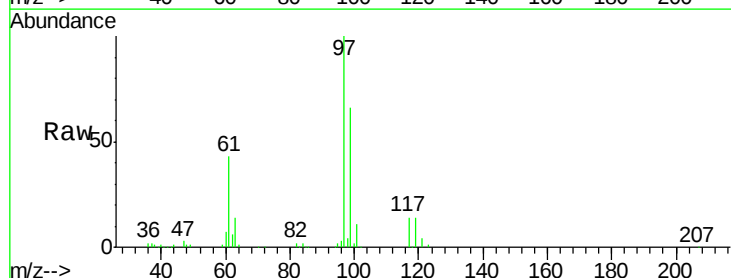
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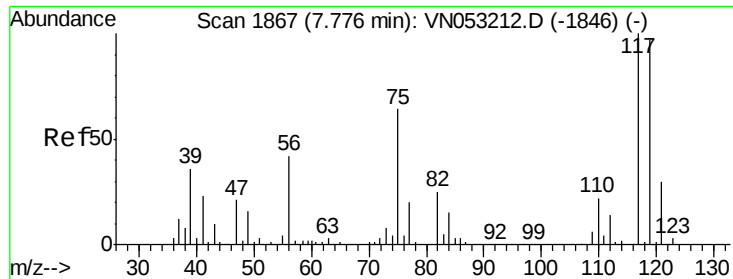
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 20.251 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion: 97 Resp: 277993
 Ion Ratio Lower Upper
 97 100
 99 64.5 50.9 76.3
 61 43.7 38.1 57.1





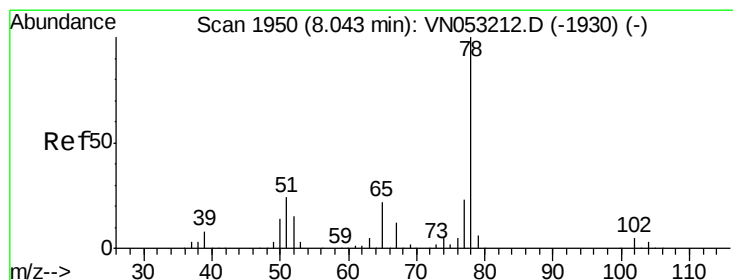
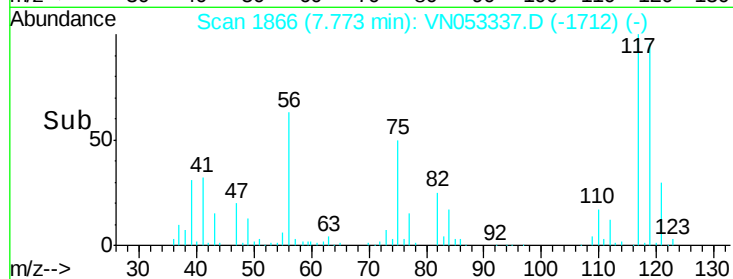
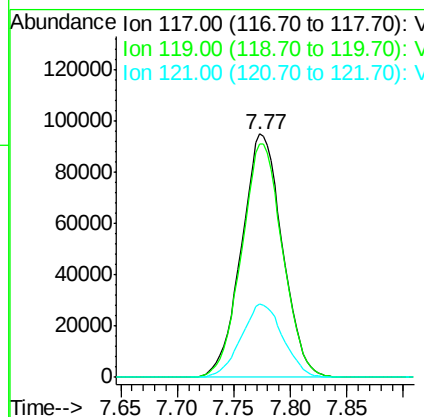
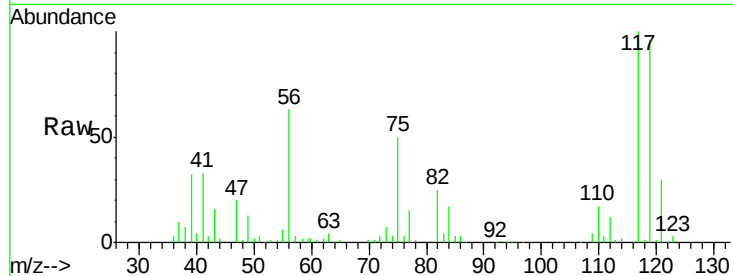
#33
Carbon Tetrachloride
Concen: 19.805 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		237971		
119	96.1	77.3	115.9		
121	29.9	24.9	37.3		

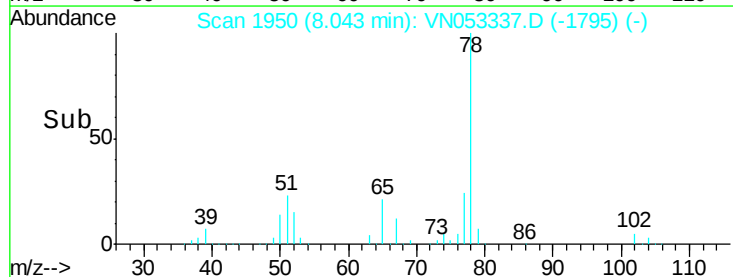
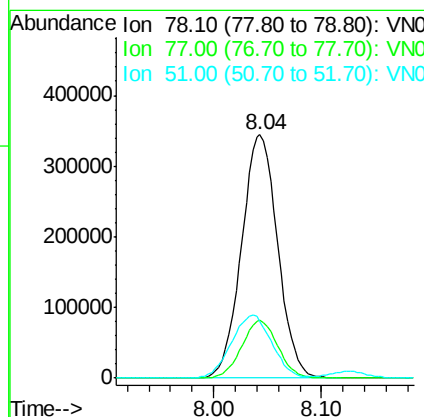
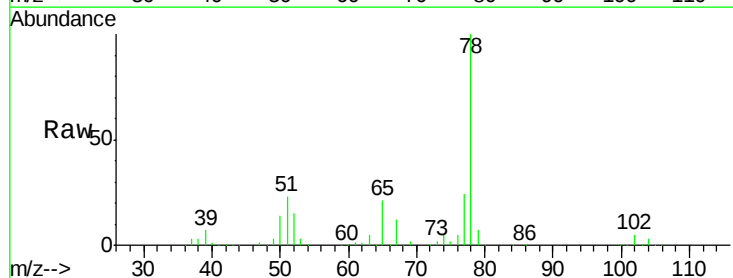
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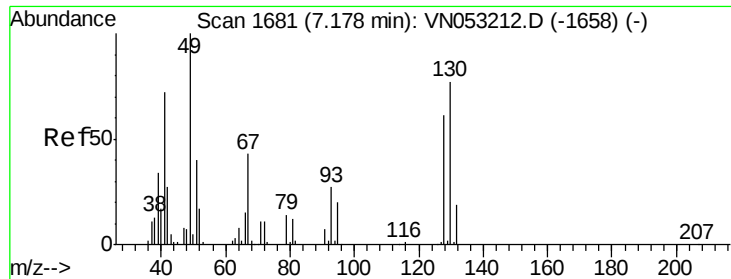
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#34
Benzene
Concen: 20.377 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
78	100		802344		
77	23.7	19.0	28.6		
51	23.3	20.5	30.7		





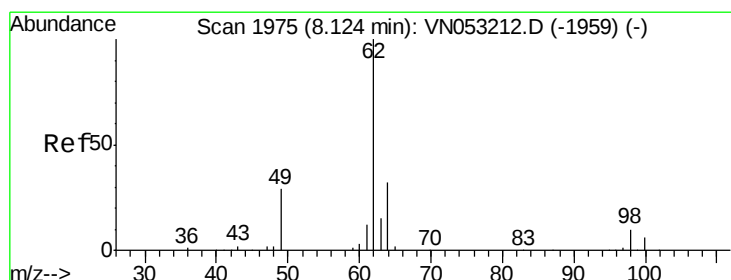
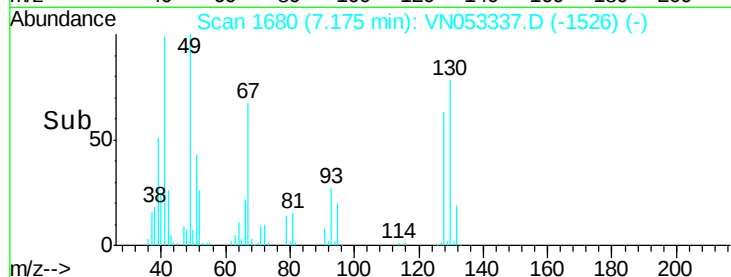
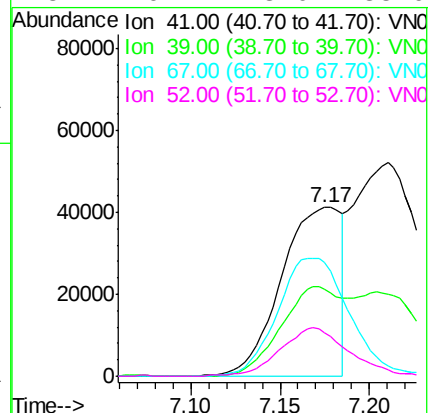
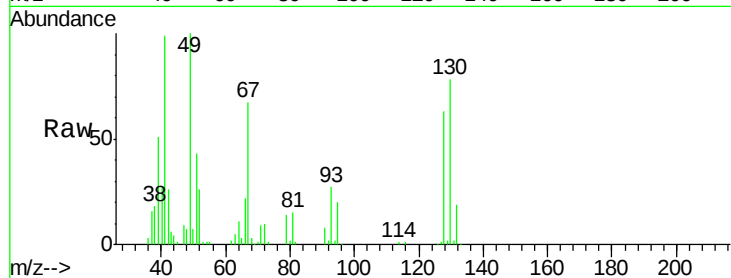
#35
Methacrylonitrile
Concen: 22.732 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.5	26.6	79.7
67	67.3	32.3	96.9
52	26.1	13.0	38.9

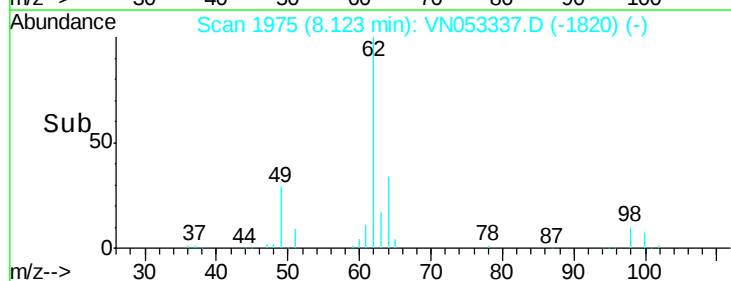
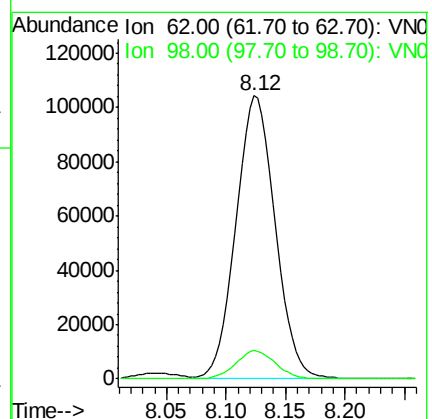
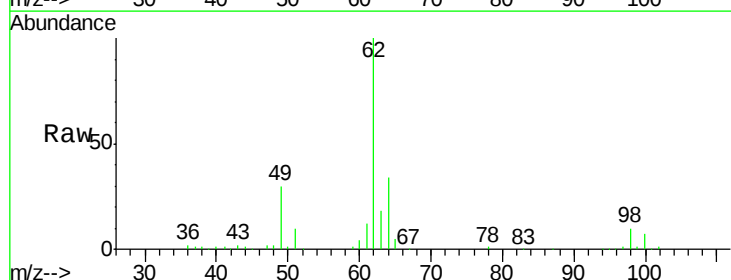
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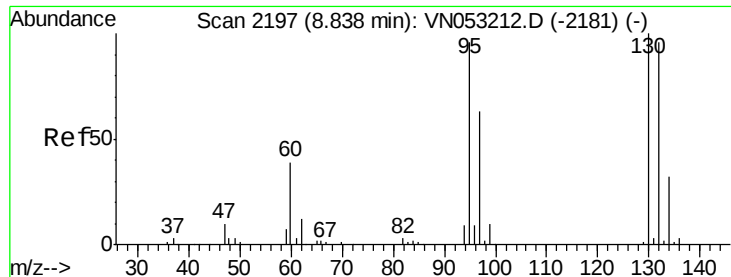
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#36
1,2-Dichloroethane
Concen: 20.795 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.4	11.2





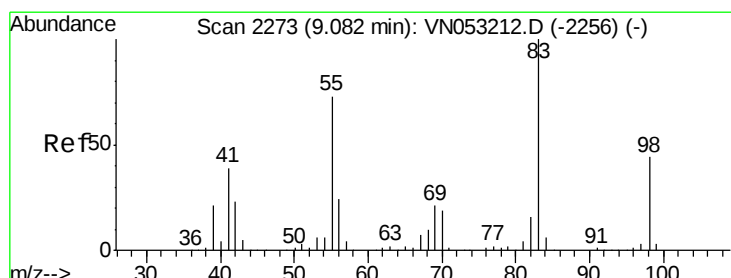
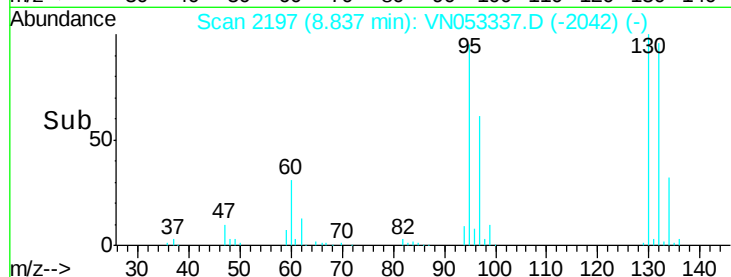
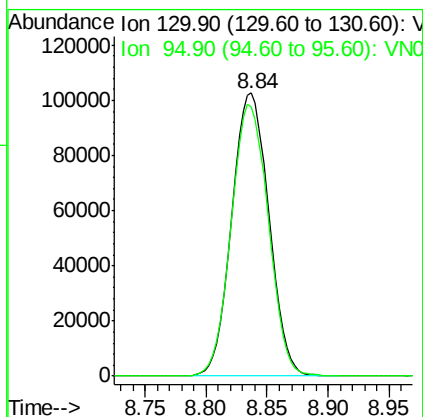
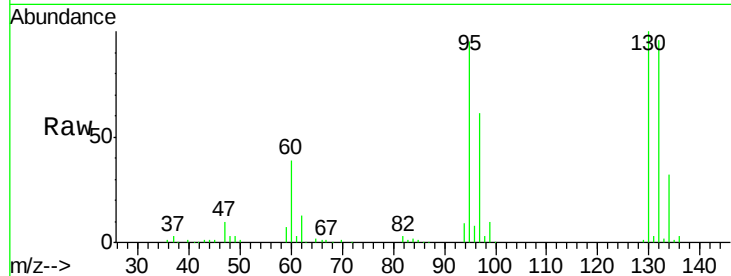
#37
 Trichloroethene
 Concen: 20.296 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Tot Ion:130 Resp: 216486
 Ion Ratio Lower Upper
 130 100
 95 95.3 81.0 121.4

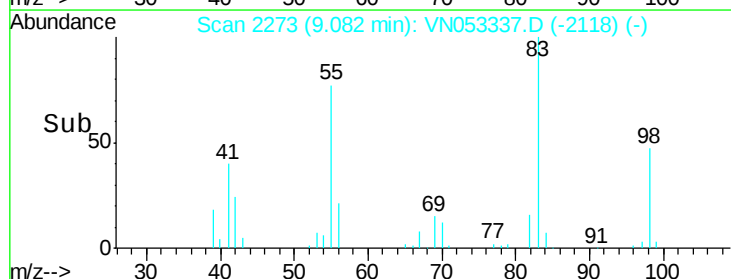
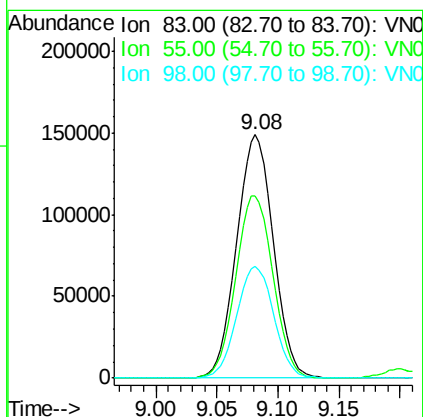
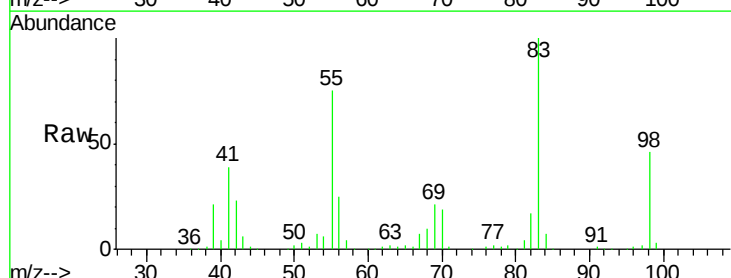
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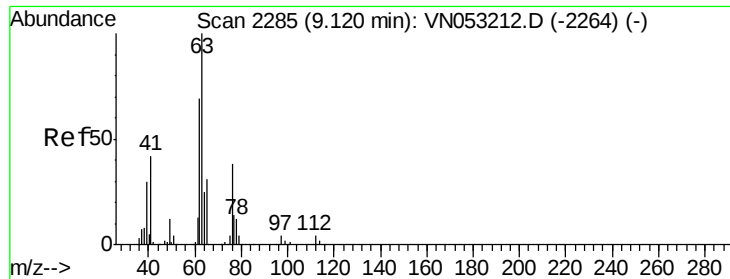
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#38
 Methylcyclohexane
 Concen: 20.255 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion: 83 Resp: 310387
 Ion Ratio Lower Upper
 83 100
 55 76.1 39.8 119.4
 98 46.4 22.9 68.5





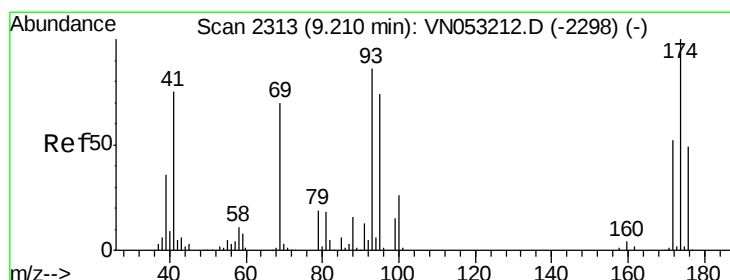
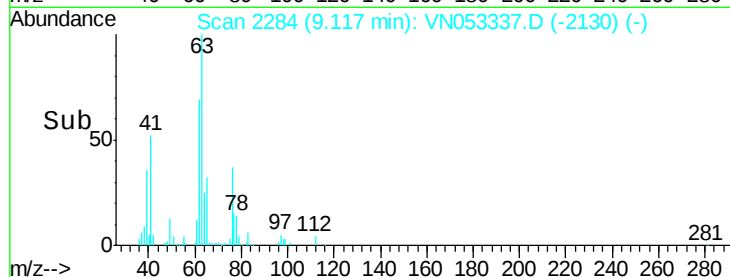
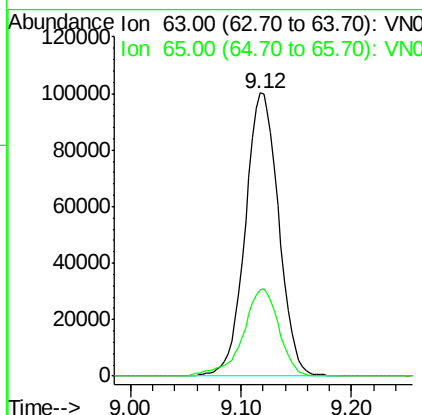
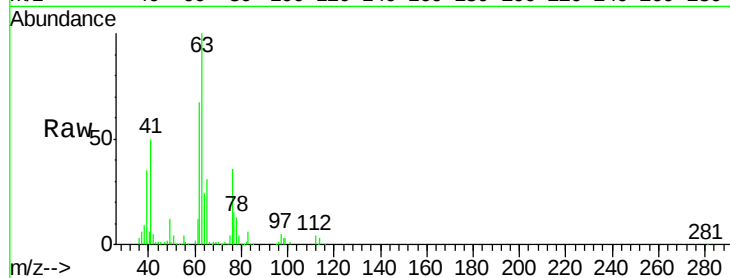
#39
 1,2-Dichloropropane
 Concen: 20.421 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0110WBS01

Tot Ion	63	Resp	209963
Ion Ratio	Lower	Upper	
63	100		
65	30.6	23.6	35.4

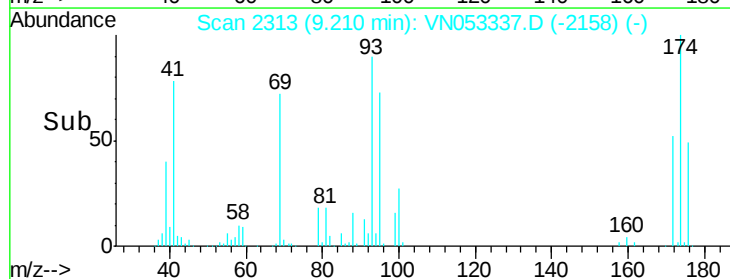
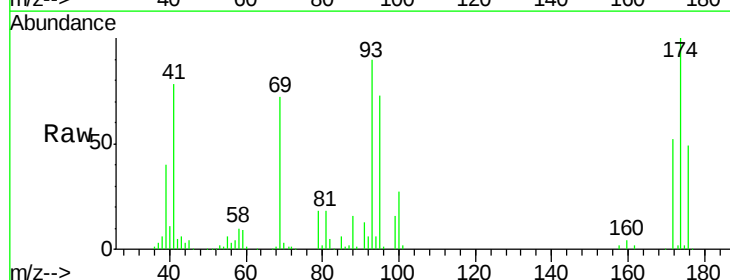
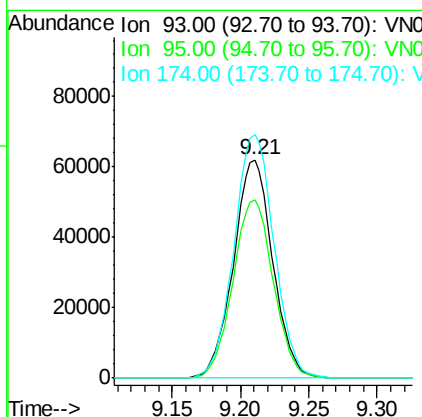
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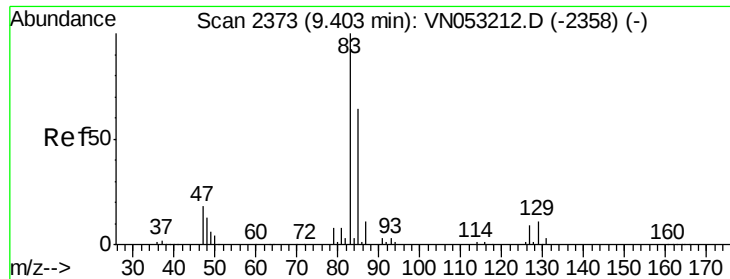
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#40
 Dibromomethane
 Concen: 21.336 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion	93	Resp	124060
Ion Ratio	Lower	Upper	
93	100		
95	83.9	0.0	168.4
174	114.4	0.0	210.0





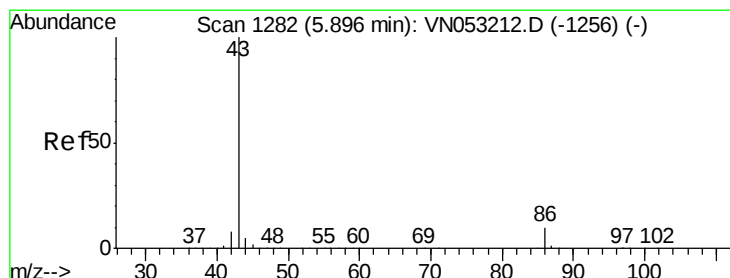
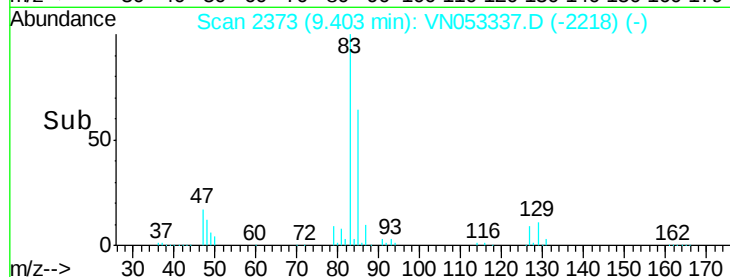
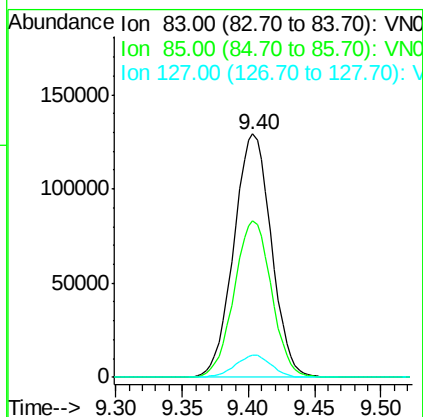
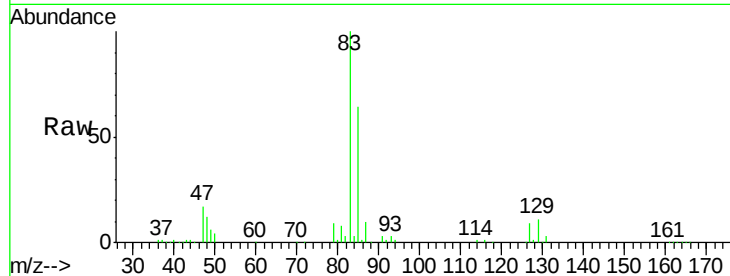
#41
Bromodichloromethane
Concen: 20.390 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	83	Resp	254606
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	52.4	78.6
127	9.1	6.6	9.8

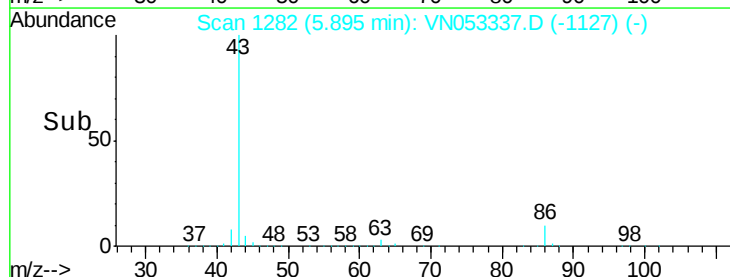
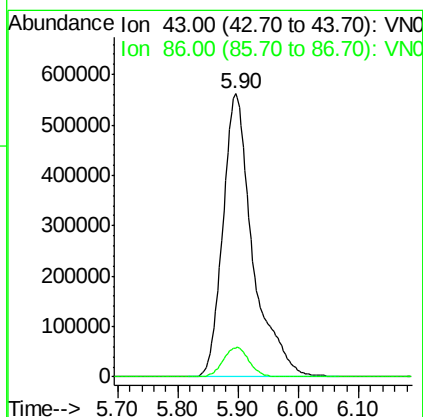
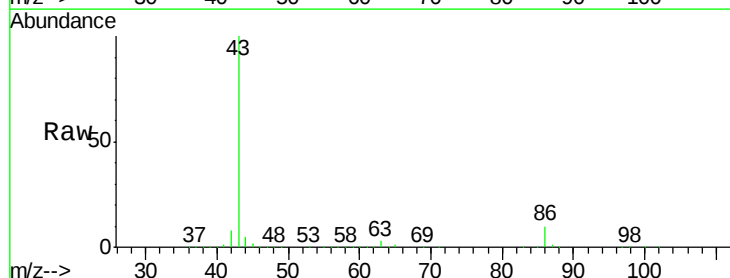
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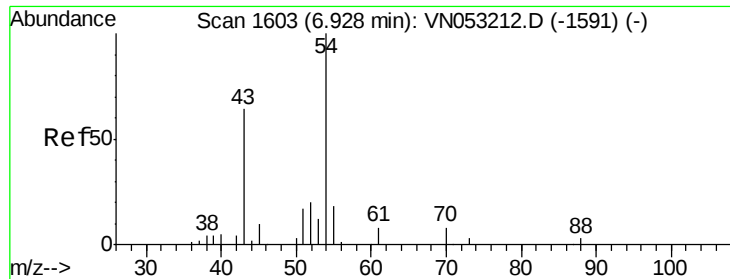
MMDadoda
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#42
Vinyl Acetate
Concen: 108.497 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	43	Resp	1934789
Ion Ratio	100	Lower	Upper
43	100		
86	9.1	6.5	9.7





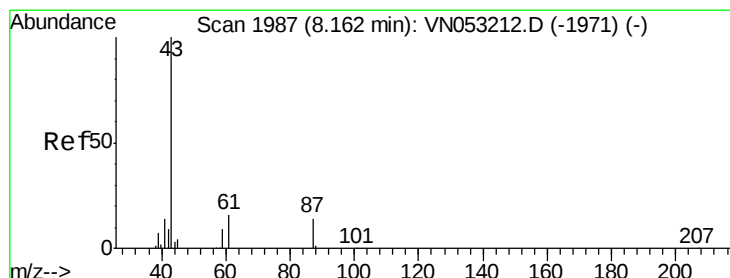
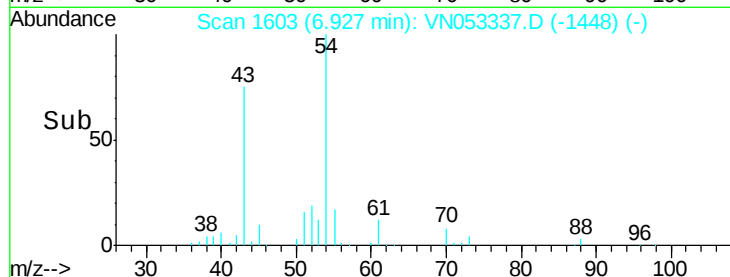
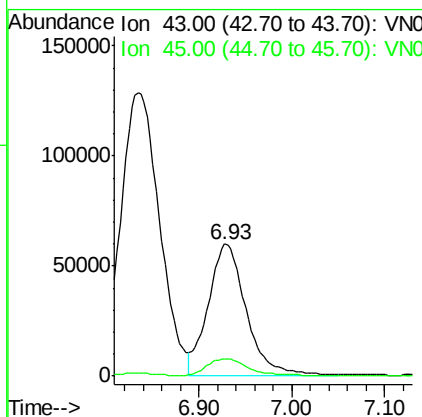
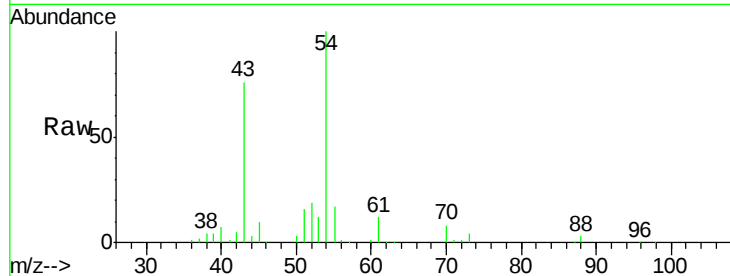
#43
Ethyl Acetate
Concen: 23.169 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampled :
VN0110WBS01

Tot Ion: 43 Resp: 169123
Ion Ratio Lower Upper
43 100
45 13.1 1.0 1.6#

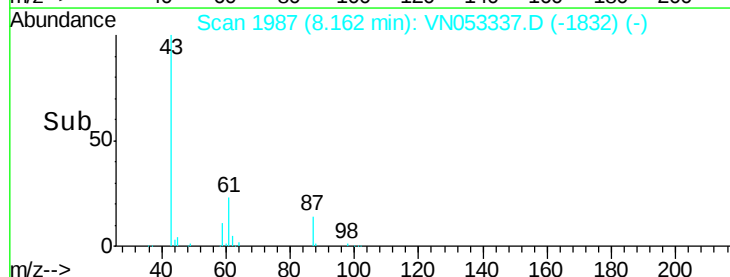
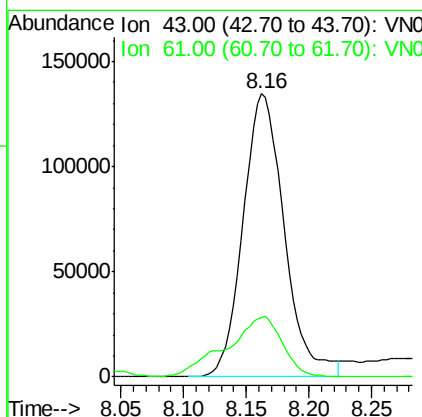
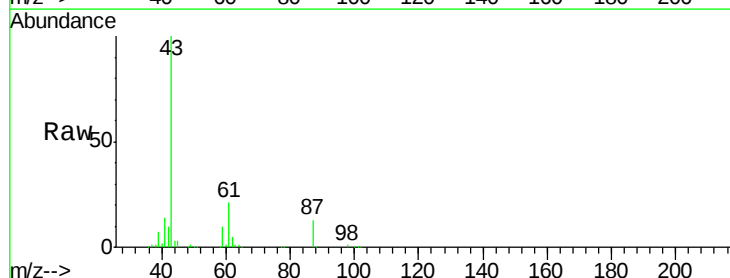
Manual Integrations
APPROVED

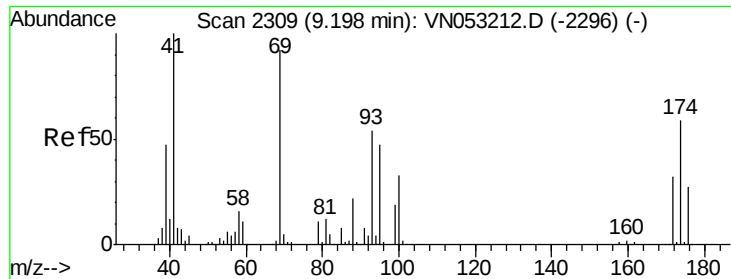
MMDadoda
1/11/2019 10:11:44 AM



#44
Isopropyl Acetate
Concen: 22.605 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion: 43 Resp: 307377
Ion Ratio Lower Upper
43 100
61 28.2 16.0 24.0#





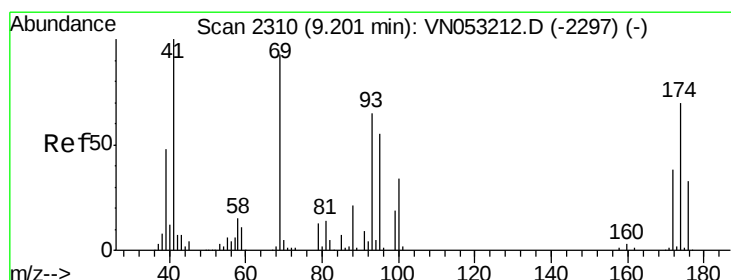
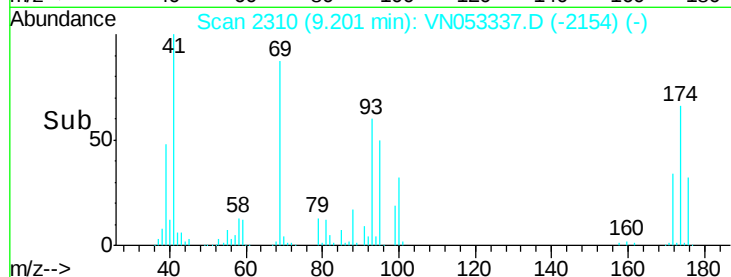
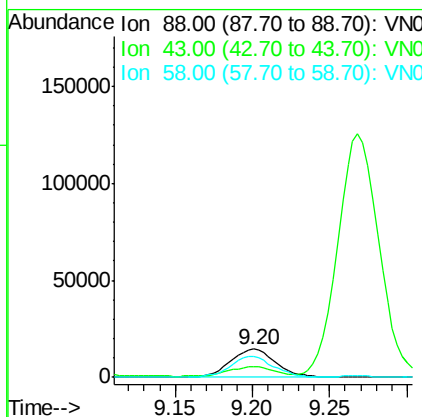
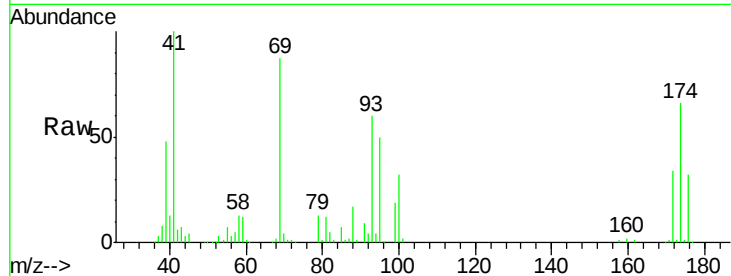
#45
 1,4-Dioxane
 Concen: 358.664 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	29.5	44.3
58	70.5	61.5	92.3

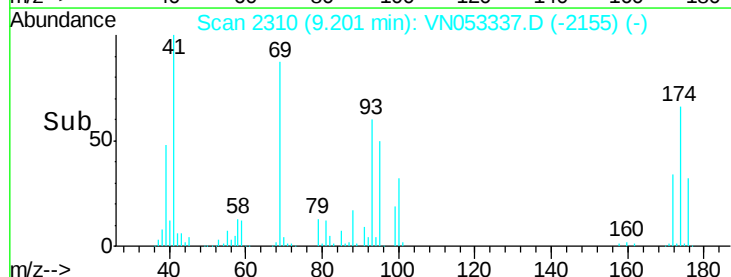
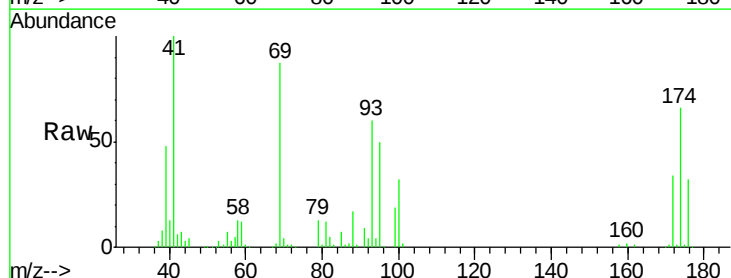
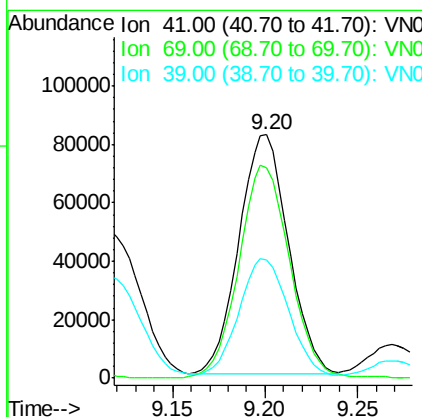
Manual Integrations
 APPROVED

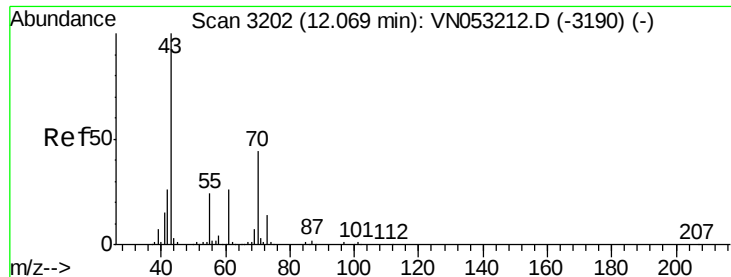
MMDadoda
 1/11/2019 10:11:44 AM



#46
 Methyl methacrylate
 Concen: 22.083 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.9	42.5	127.6
39	48.0	26.3	78.9





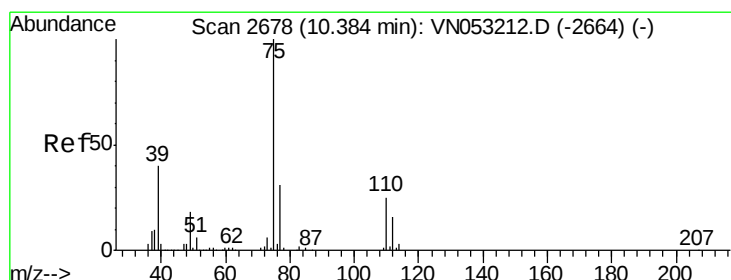
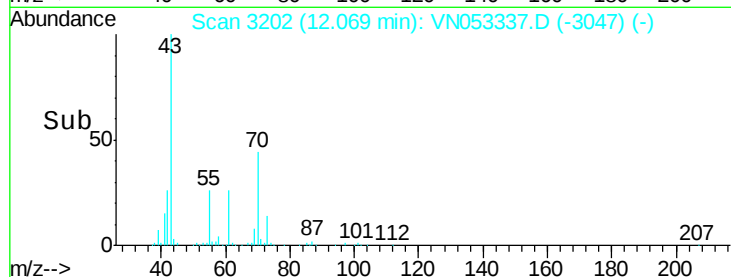
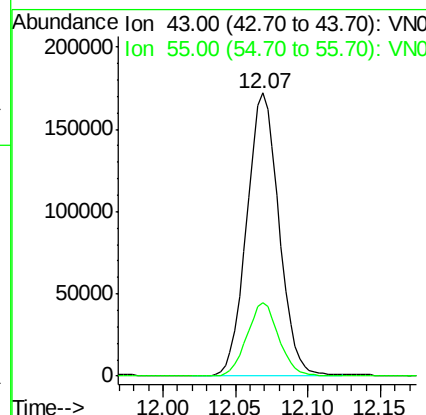
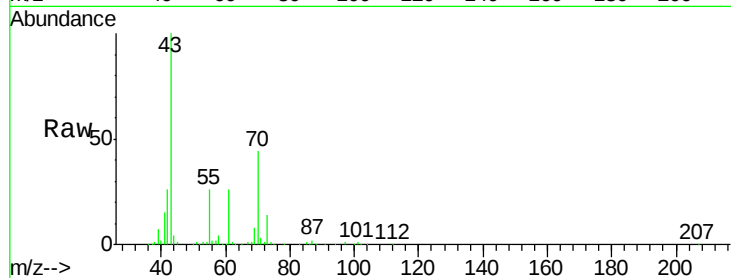
#47
n-amyl Acetate
Concen: 22.320 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampled :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
55	25.6	21.1	31.7

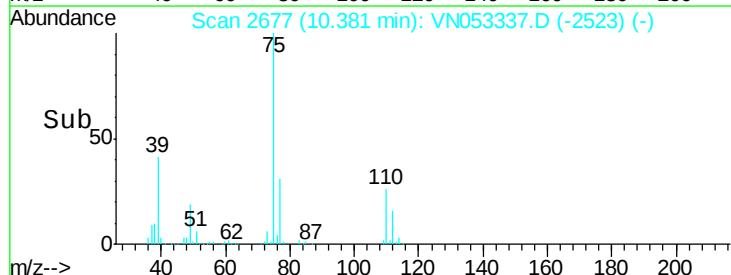
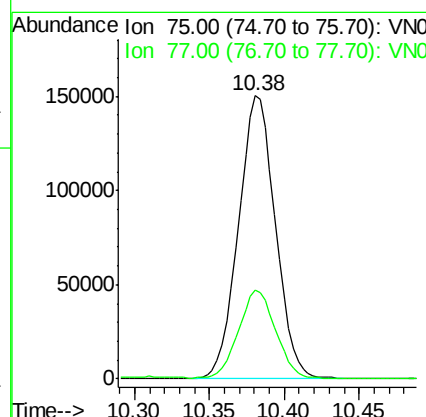
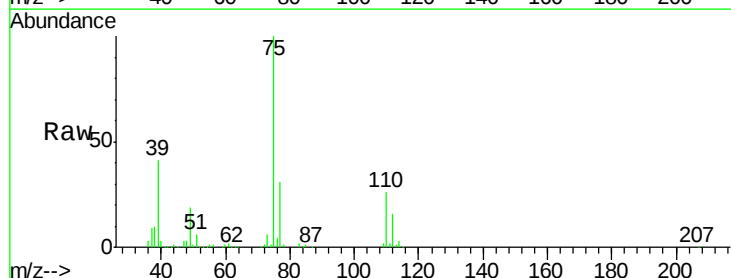
Manual Integrations
APPROVED

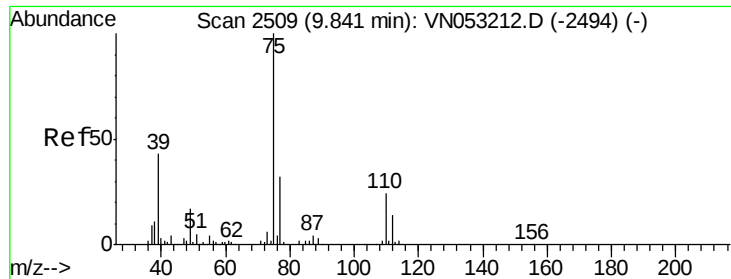
MMDadoda
1/11/2019 10:11:44 AM



#48
t-1,3-Dichloropropene
Concen: 20.272 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.6	38.4





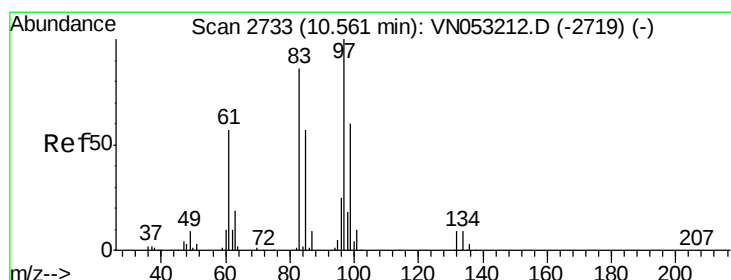
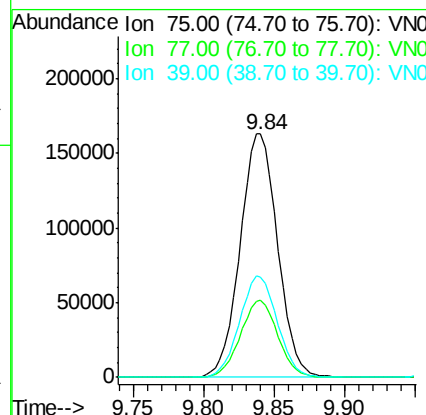
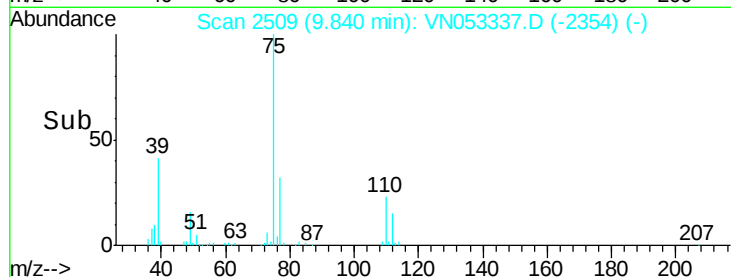
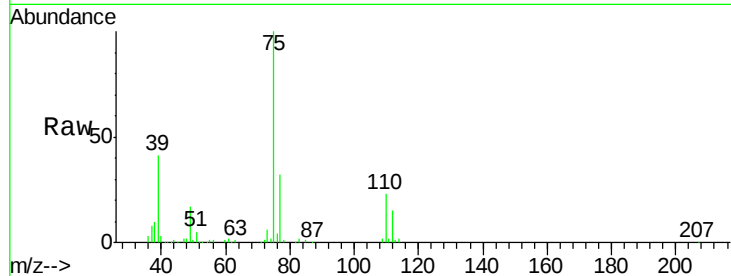
#49
 cis-1,3-Dichloropropene
 Concen: 20.225 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	41.4	37.3	55.9

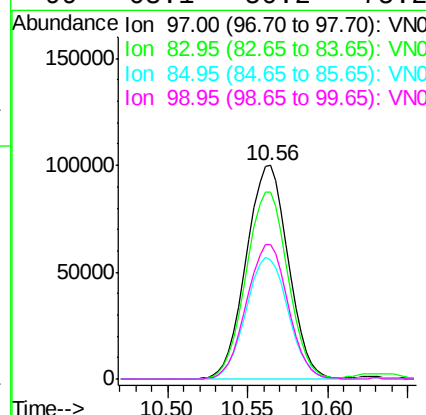
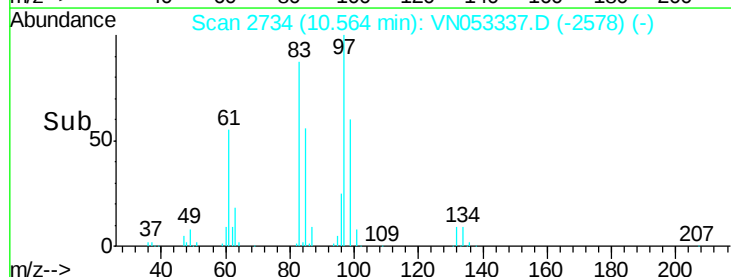
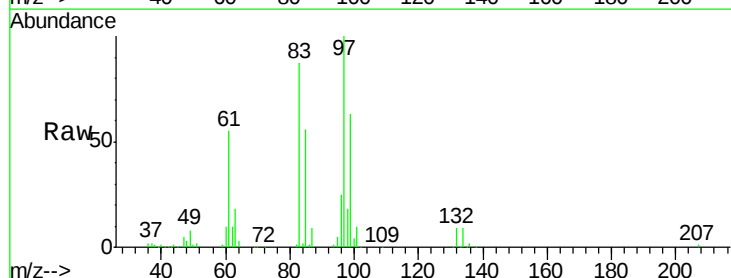
Manual Integrations
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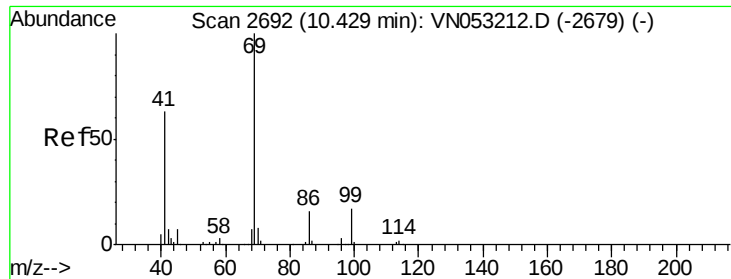
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 21.580 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.4	105.6
85	56.0	45.0	67.6
99	63.1	50.2	75.2





#51

Ethyl methacrylate

Concen: 21.914 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

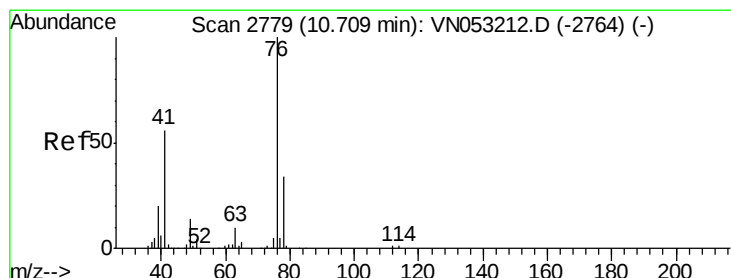
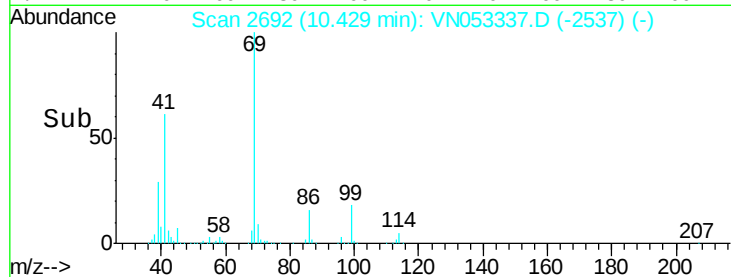
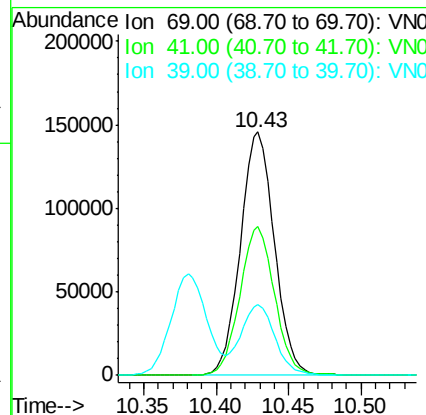
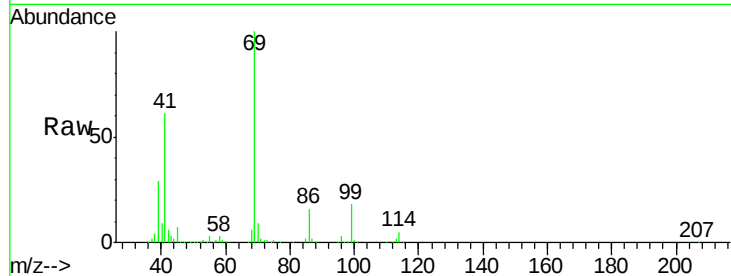
ClientSampleId :

VN0110WBS01

Tot Ion:	69	Resp:	238111
Ion Ratio	Lower	Upper	
69	100		
41	60.8	34.4	103.3
39	28.6	16.4	49.2

Manual Integrations
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1/11/2019 10:11:44 AM



#52

1,3-Dichloropropane

Concen: 21.431 ug/l

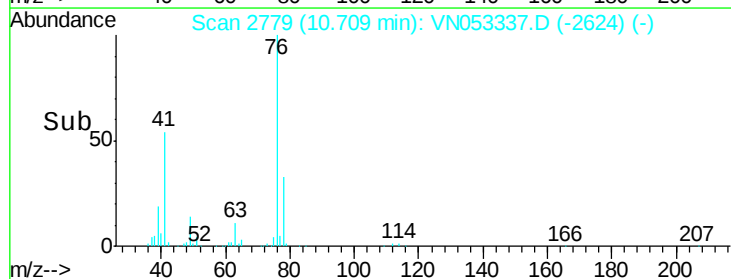
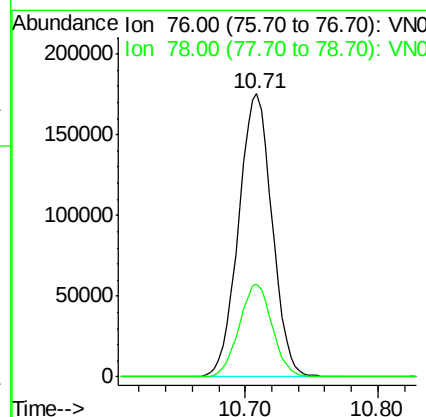
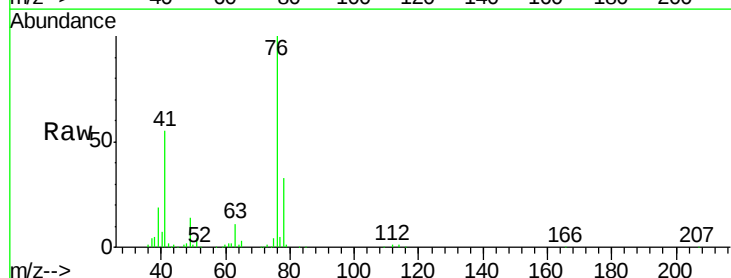
RT: 10.71 min Scan# 2779

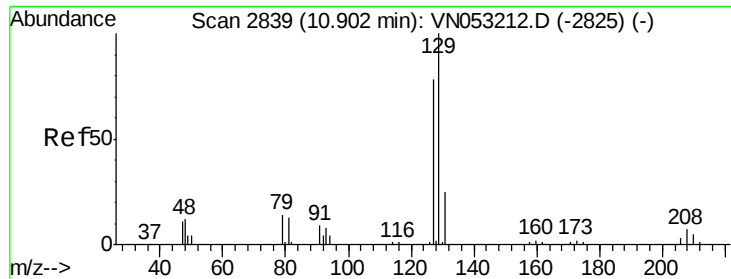
Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Tgt Ion:	76	Resp:	307793
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	64.8





#53

Dibromochloromethane

Concen: 20.883 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

Tot Ion:129 Resp: 195544

Ion Ratio Lower Upper

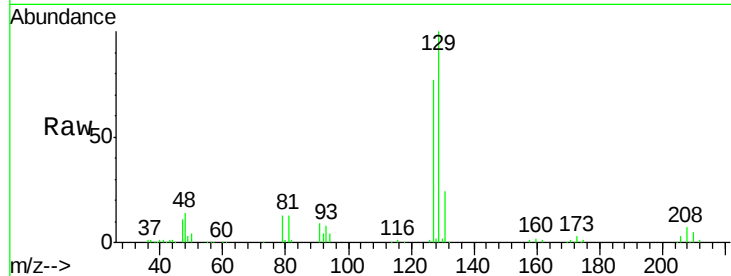
129 100

127 76.7 37.6 112.8

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

120000

100000

80000

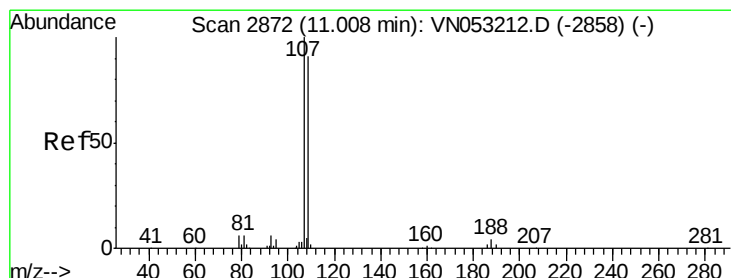
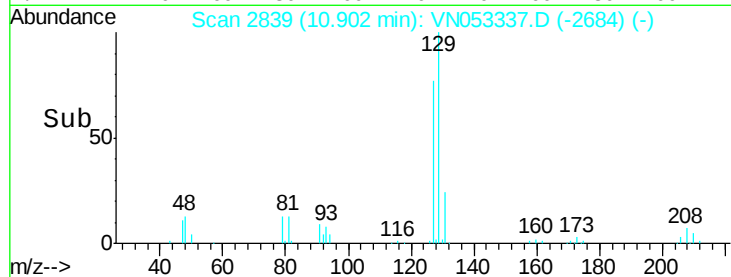
60000

40000

20000

0

Time-->



#54

1,2-Dibromoethane

Concen: 21.412 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN053337.D

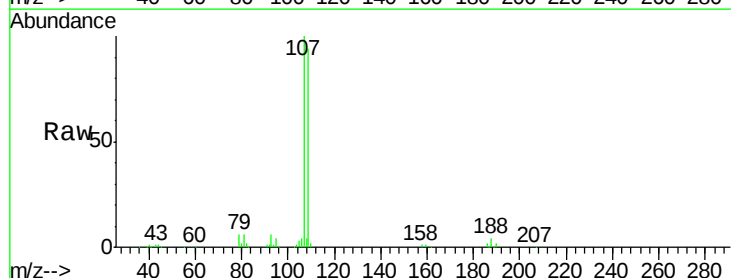
Acq: 10 Jan 2019 13:14

Tgt Ion:107 Resp: 180086

Ion Ratio Lower Upper

107 100

109 93.5 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.01

100000

80000

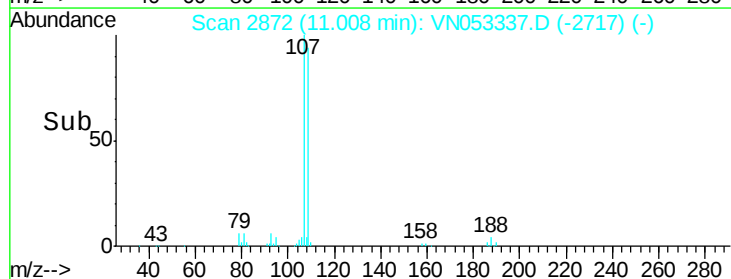
60000

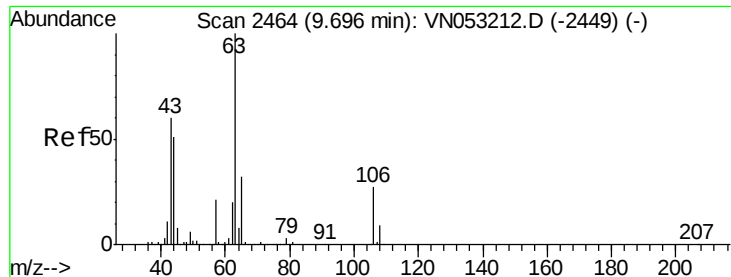
40000

20000

0

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 102.789 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

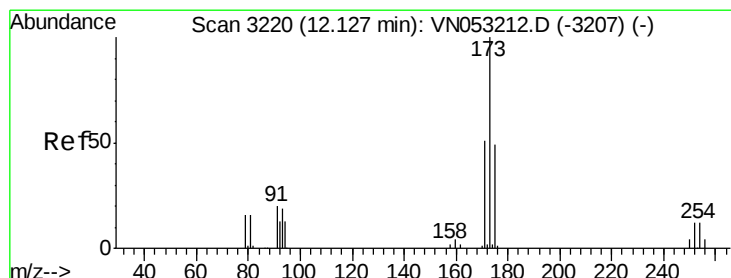
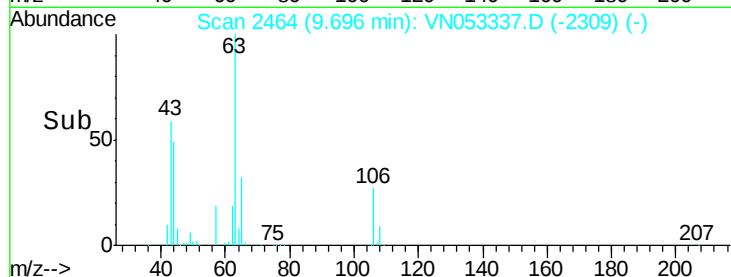
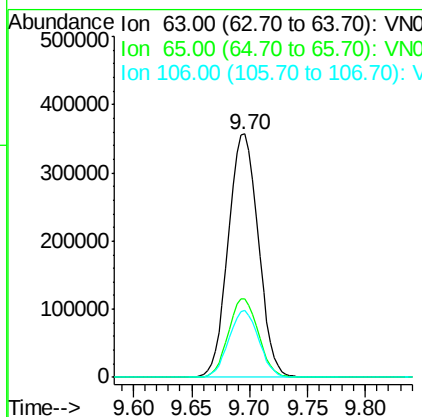
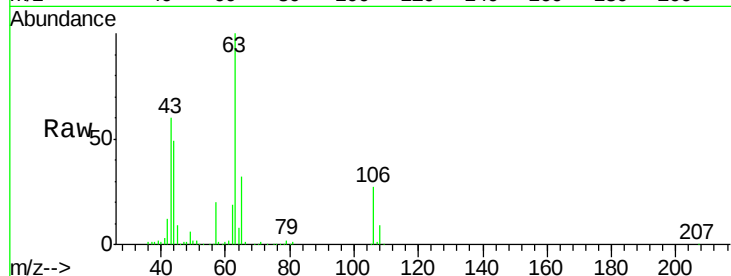
ClientSampleId :

VN0110WBS01

Tot Ion:	63	Resp:	640964
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.4	38.2
106	27.3	20.4	30.6

Manual Integrations
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1/11/2019 10:11:44 AM



#56

Bromoform

Concen: 21.260 ug/l

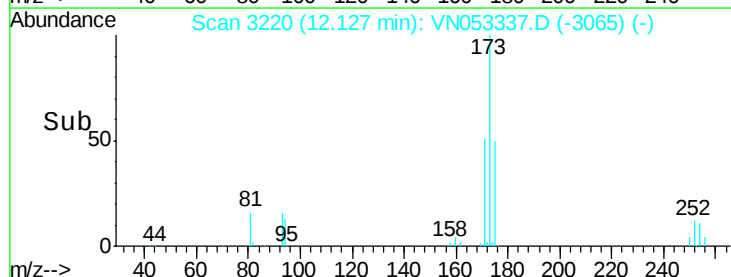
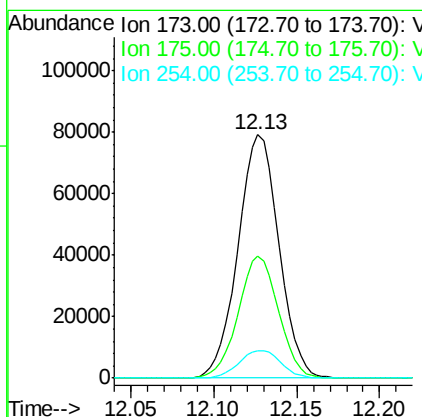
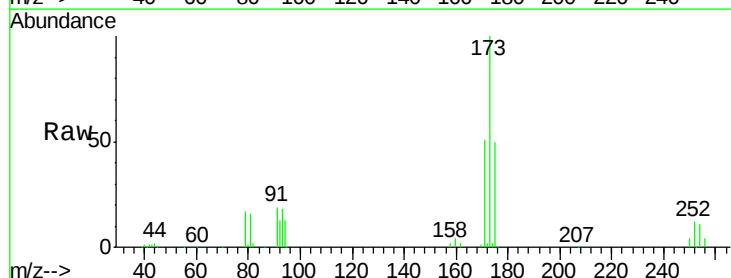
RT: 12.13 min Scan# 3220

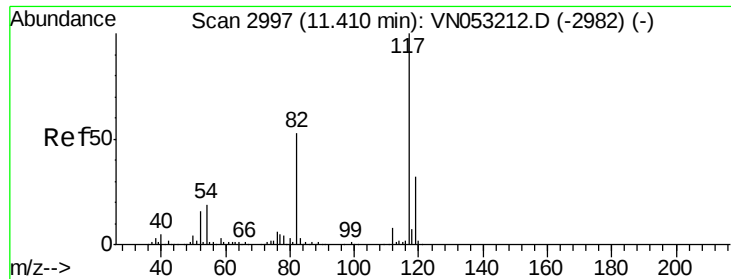
Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Tgt Ion:	173	Resp:	136181
Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.7	58.1
254	11.7	8.4	12.6





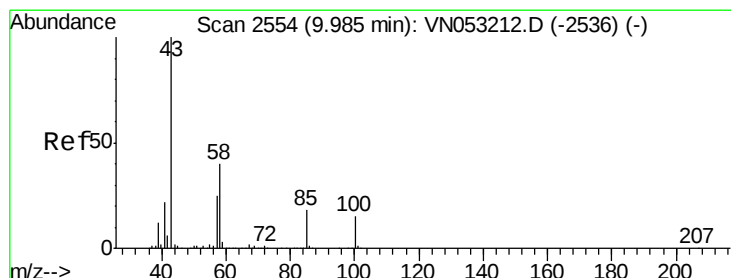
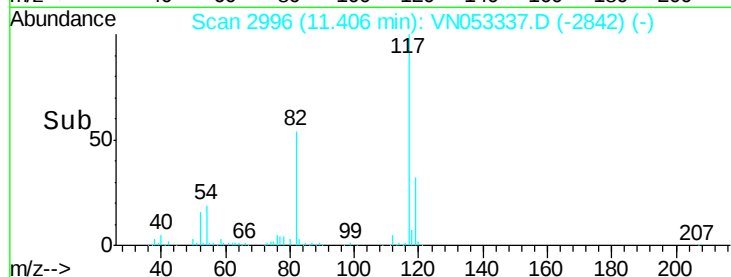
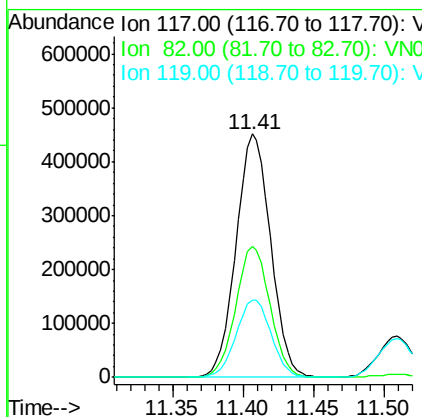
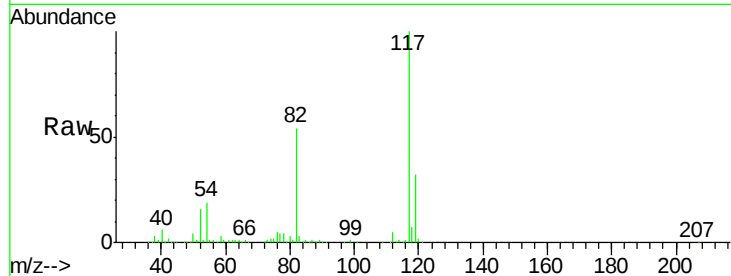
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	776910		
82	53.2		44.2	66.2
119	32.2		25.4	38.2

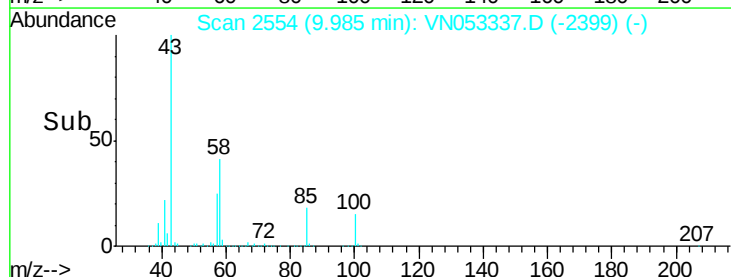
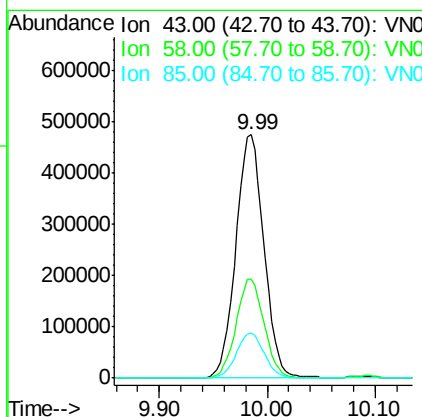
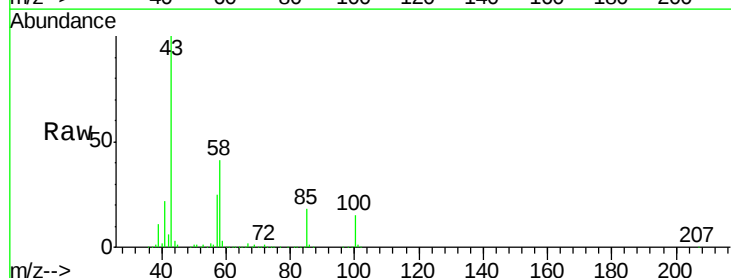
Manual Integrations
APPROVED

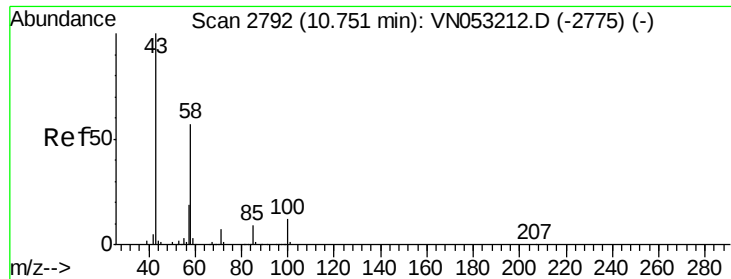
MMDadoda
1/11/2019 10:11:44 AM



#58
4-Methyl-2-Pentanone
Concen: 116.336 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	861254		
58	40.7		31.6	47.4
85	18.4		13.3	19.9





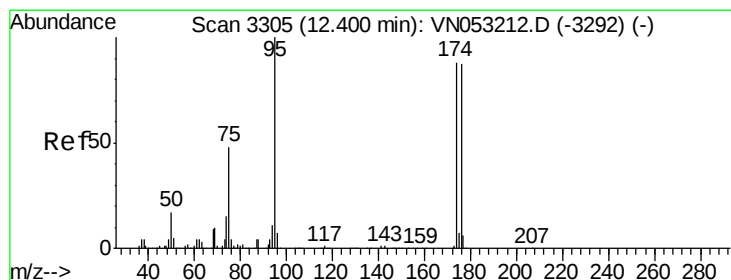
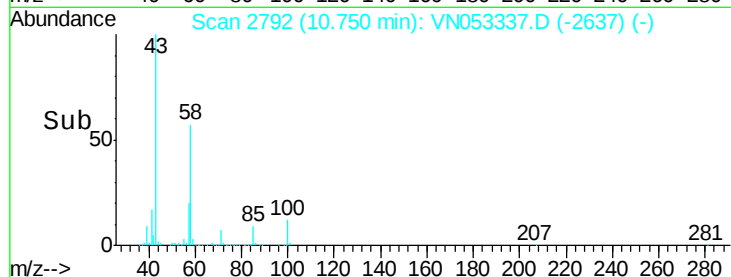
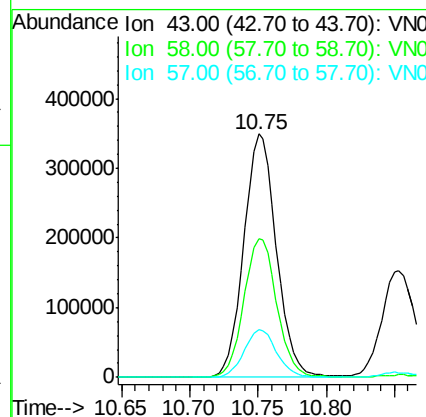
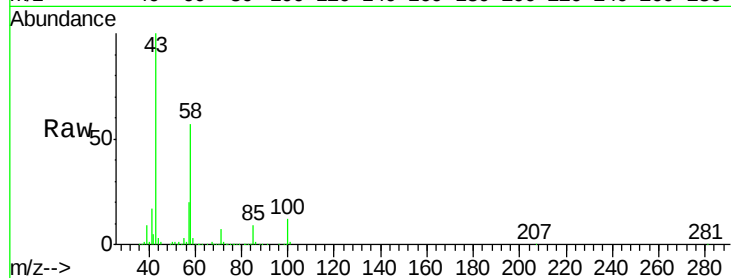
#59
2-Hexanone
Concen: 113.153 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.6	43.2	64.8
57	19.7	14.9	22.3

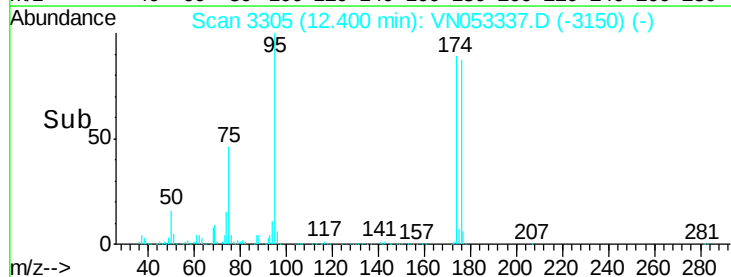
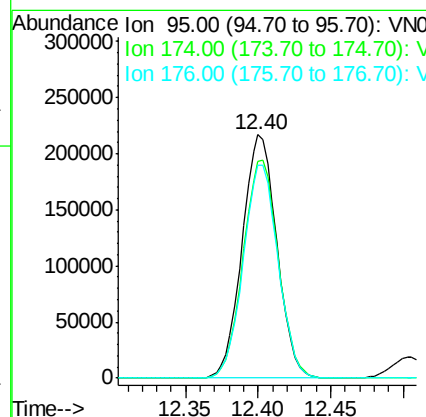
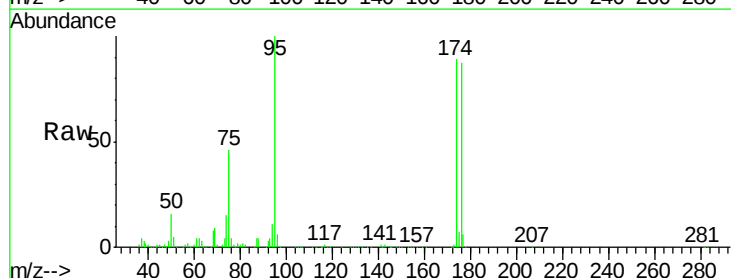
Manual Integrations
APPROVED

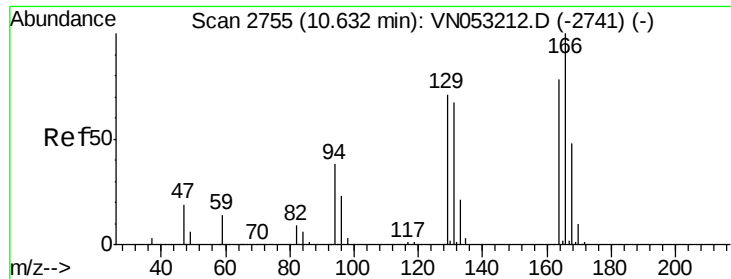
MMDadoda
1/11/2019 10:11:44 AM



#60
4-Bromofluorobenzene
Concen: 113.153 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.9	67.9	101.9
176	88.1	66.4	99.6





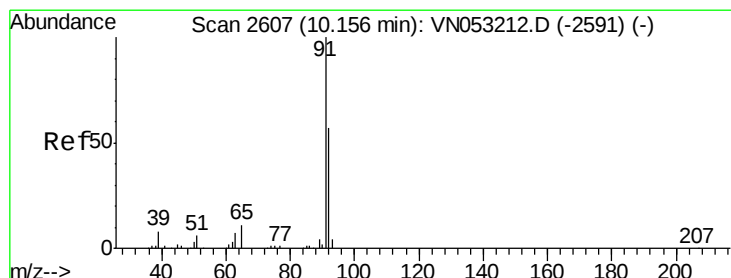
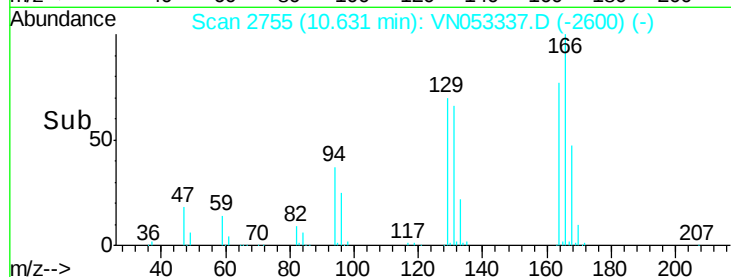
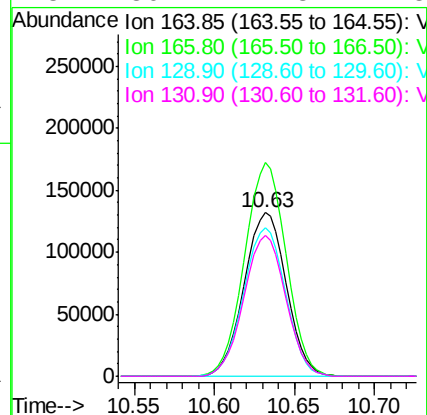
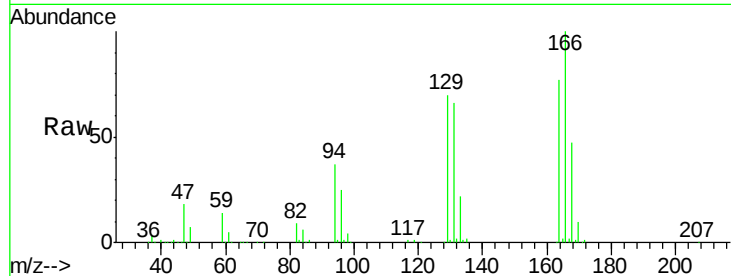
#61
Tetrachloroethene
Concen: 20.683 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.7	104.6	157.0
129	90.8	75.3	112.9
131	86.1	74.3	111.5

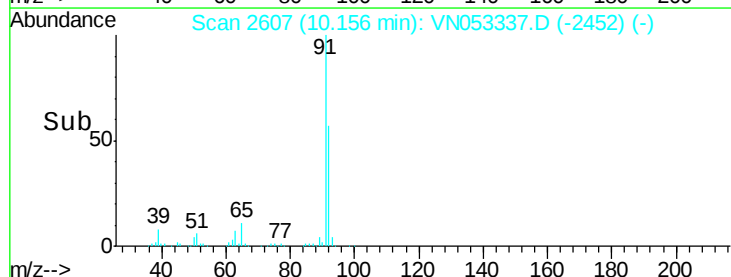
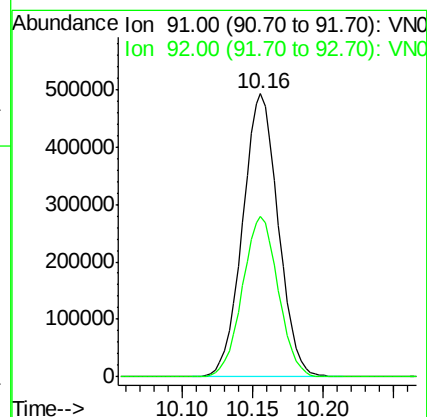
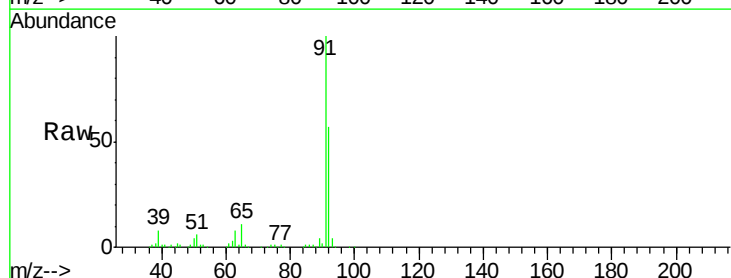
Manual Integrations
APPROVED

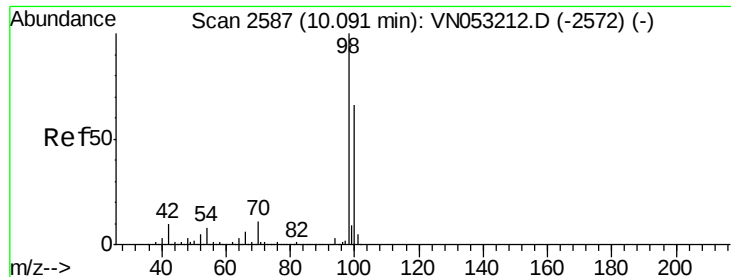
MMDadoda
1/11/2019 10:11:44 AM



#62
Toluene
Concen: 20.438 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.0	45.4	68.2





#63

Toluene-d8

Concen: 20.438 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

Tot Ion: 98 Resp: 1046297

Ion Ratio Lower Upper

98 100

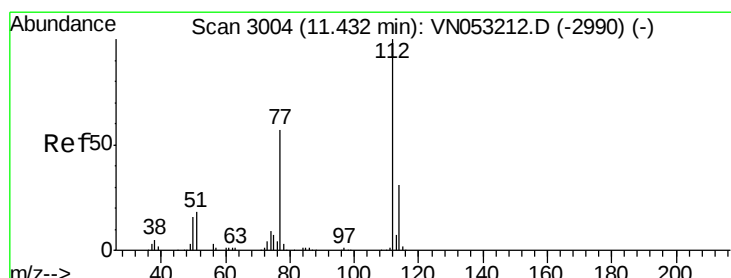
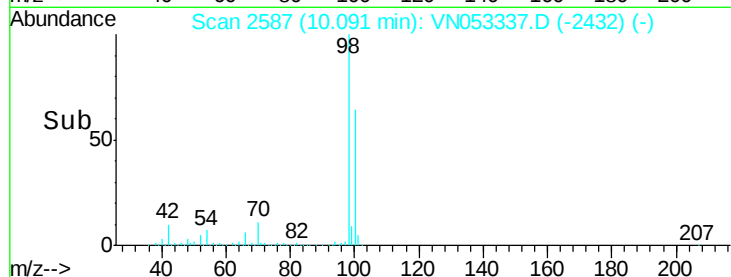
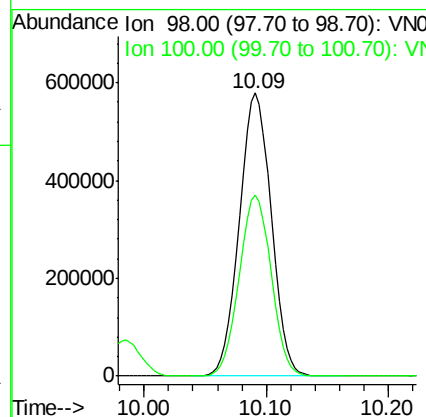
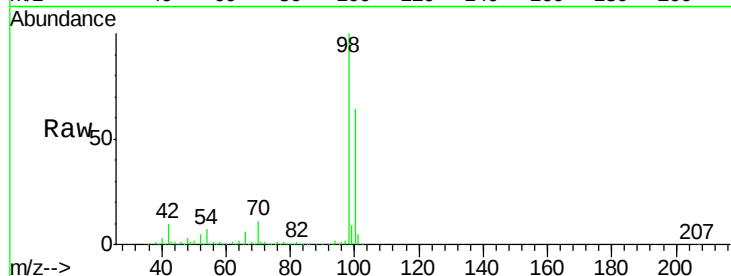
100 64.1 51.1 76.7

Manual Integrations

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#64

Chlorobenzene

Concen: 20.403 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN053337.D

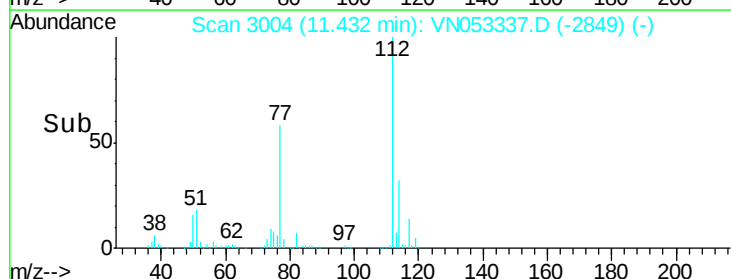
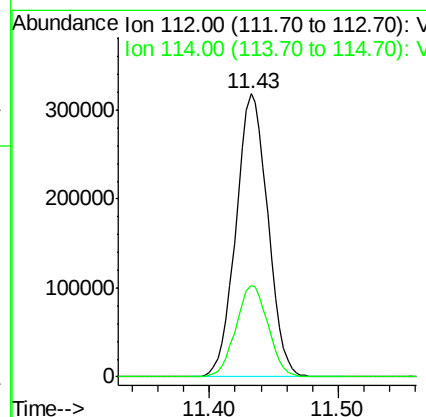
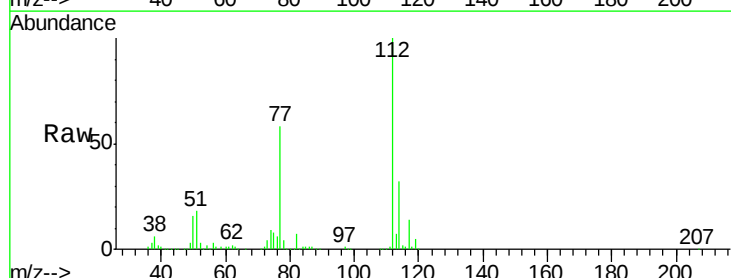
Acq: 10 Jan 2019 13:14

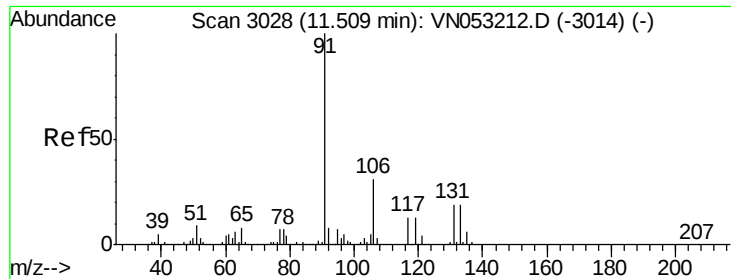
Tgt Ion: 112 Resp: 545536

Ion Ratio Lower Upper

112 100

114 32.5 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.352 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

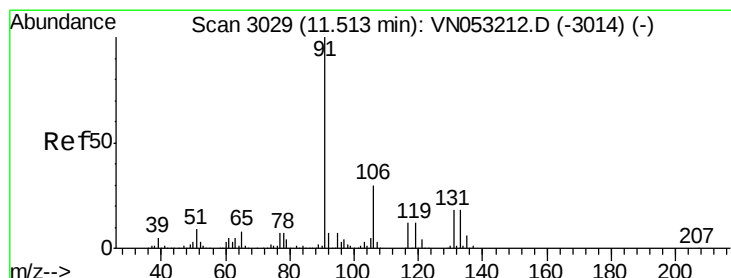
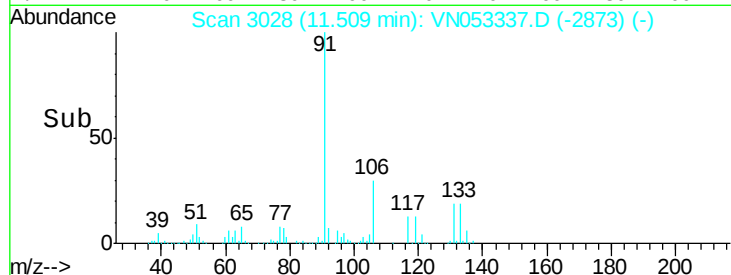
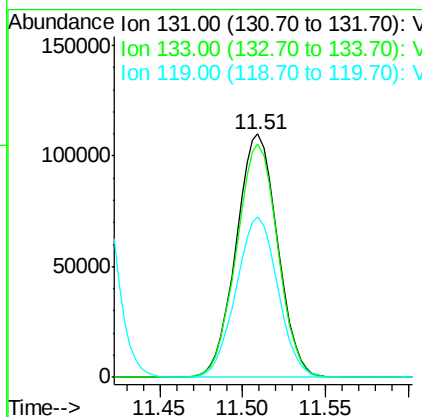
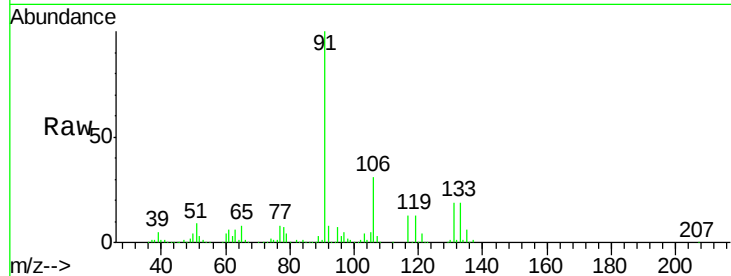
ClientSampleId :

VN0110WBS01

Tot Ion:	131	Resp:	190880
Ion Ratio	Lower	Upper	
131	100		
133	95.7	0.0	193.4
119	66.6	0.0	133.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.343 ug/l

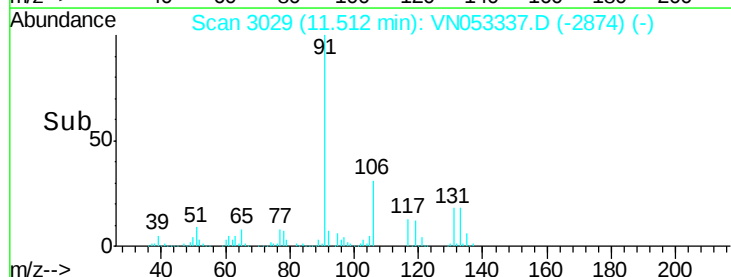
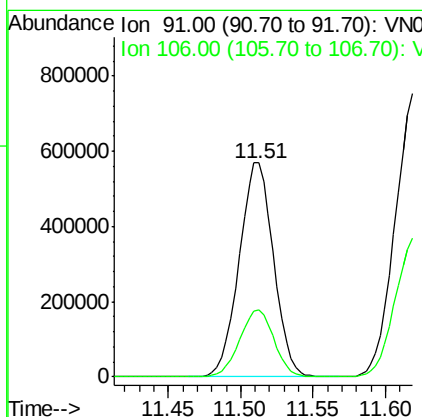
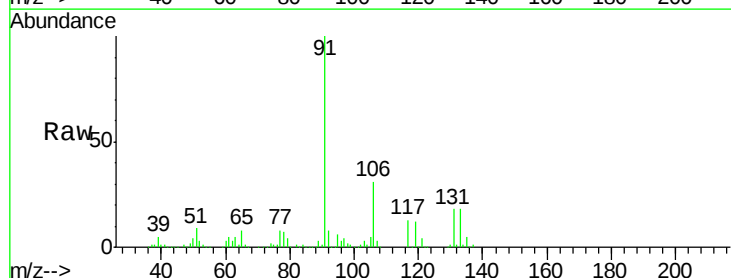
RT: 11.51 min Scan# 3029

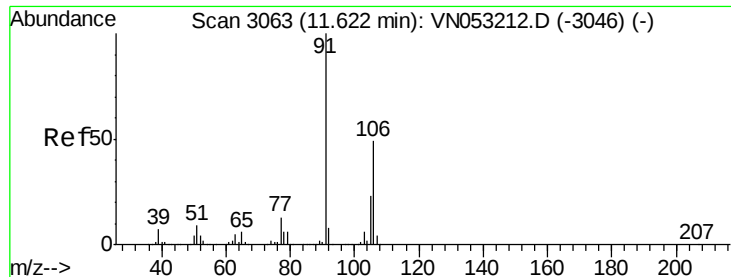
Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Tgt Ion:	91	Resp:	939956
Ion Ratio	Lower	Upper	
91	100		
106	31.4	24.3	36.5





#67

m/p-Xylenes

Concen: 41.090 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

VN0110WBS01

Tot Ion:106 Resp: 718059

Ion Ratio Lower Upper

106 100

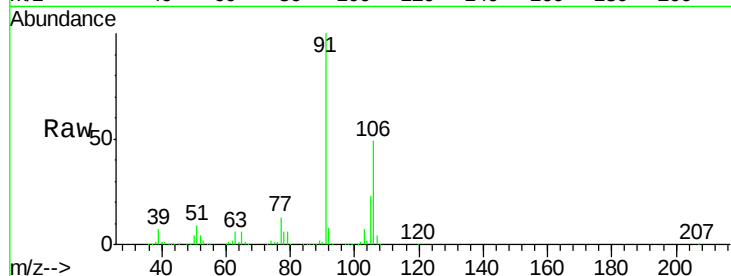
91 202.5 163.9 245.9

Manual Integrations

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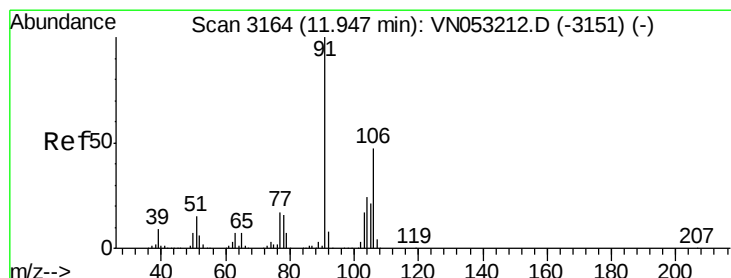
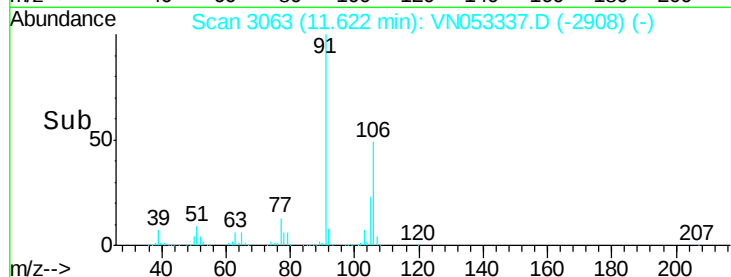
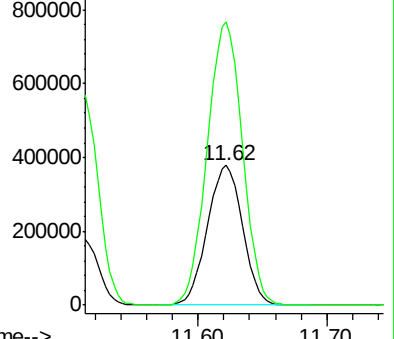
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 20.670 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN053337.D

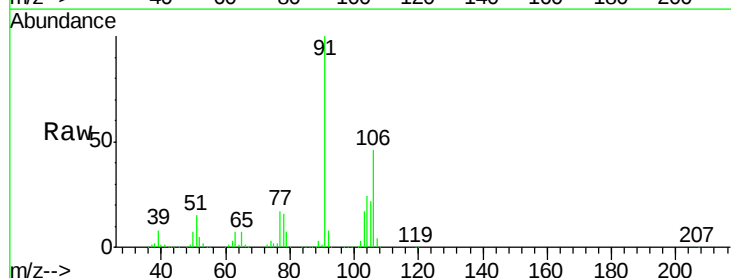
Acq: 10 Jan 2019 13:14

Tgt Ion:106 Resp: 350035

Ion Ratio Lower Upper

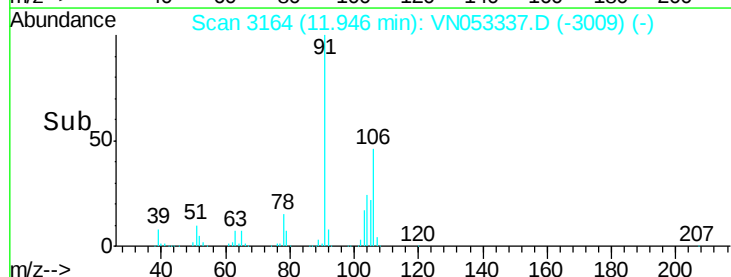
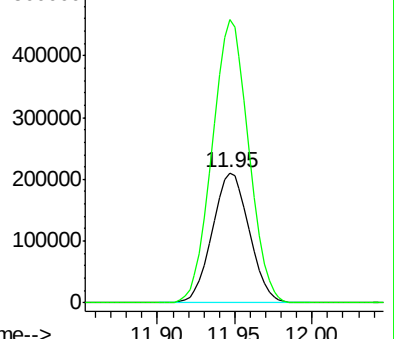
106 100

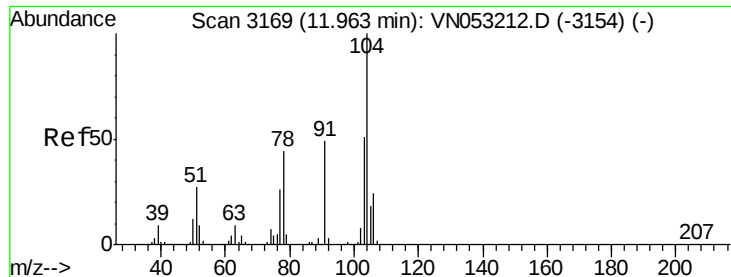
91 214.6 107.8 323.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





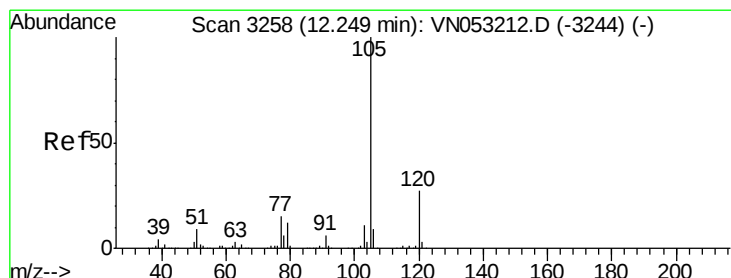
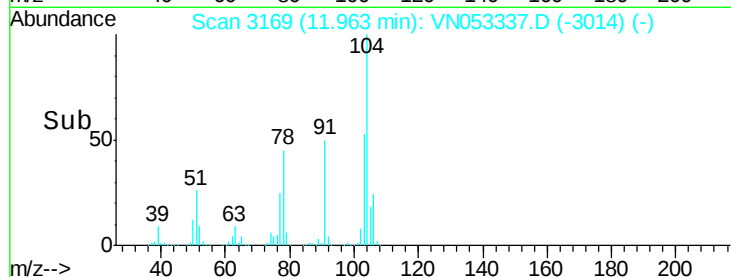
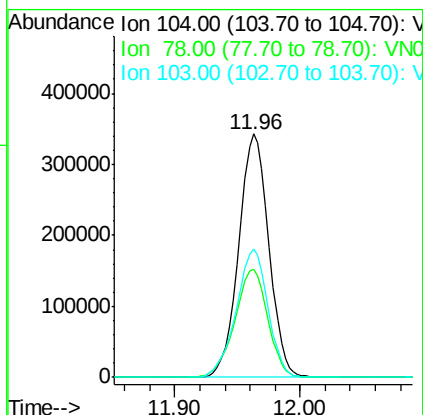
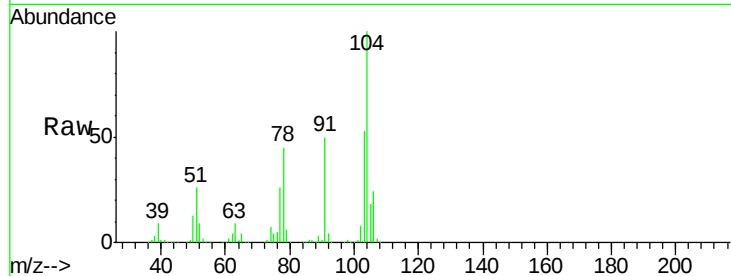
#69
Stvrene
Concen: 20.665 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.3	58.9
103	55.8	44.6	66.8

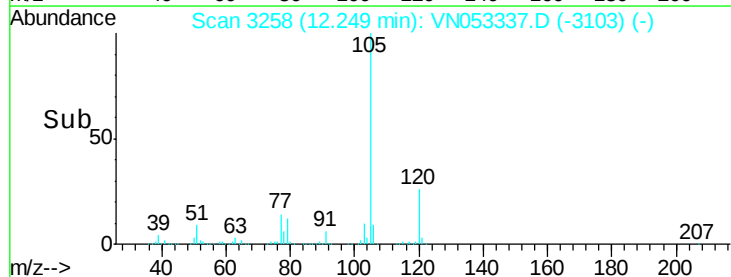
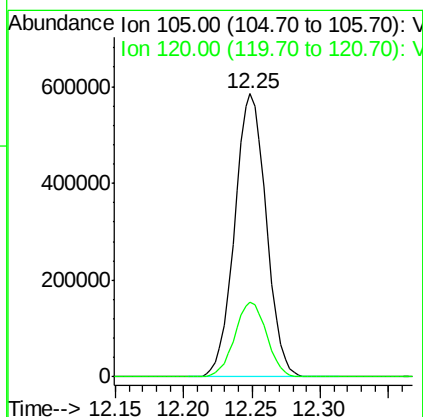
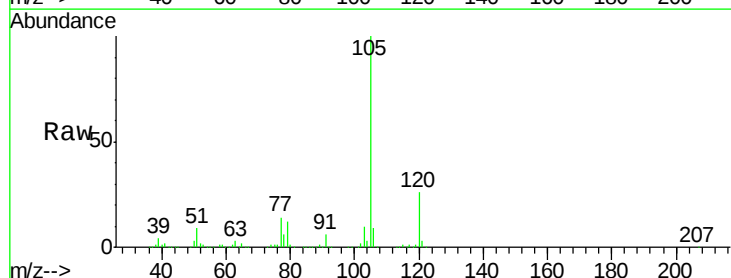
Manual Integrations
APPROVED

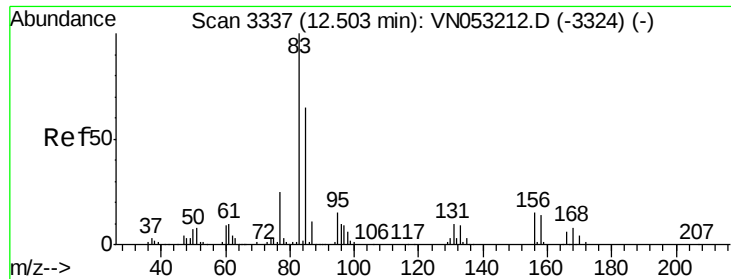
MMDadoda
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#70
Isopropylbenzene
Concen: 21.027 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	18.6	34.6





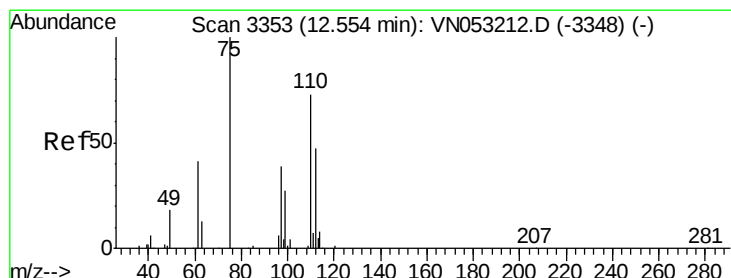
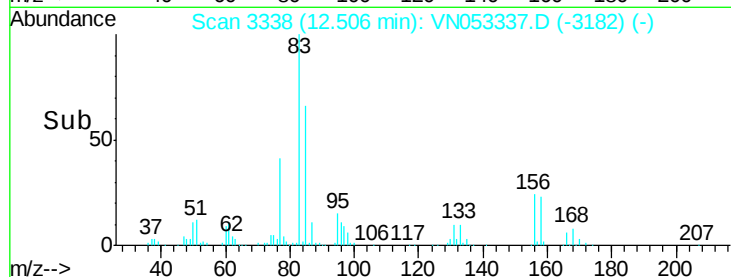
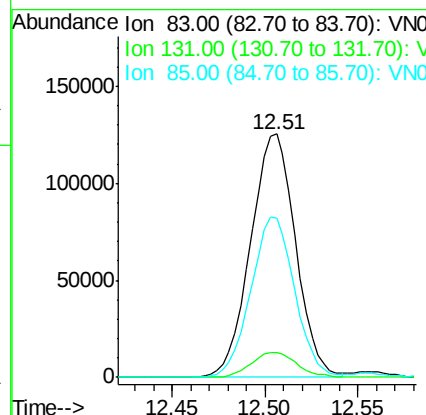
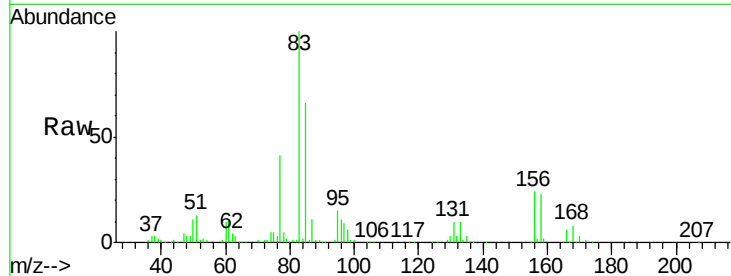
#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.494 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.6
85	64.4	32.2	96.6

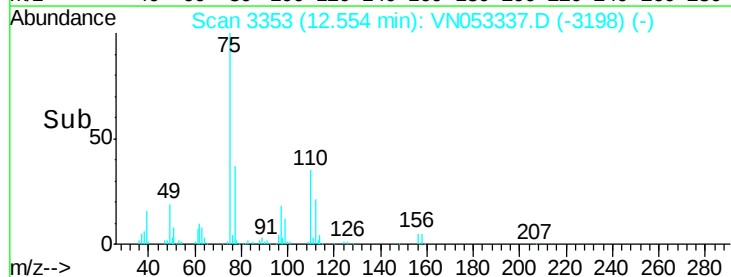
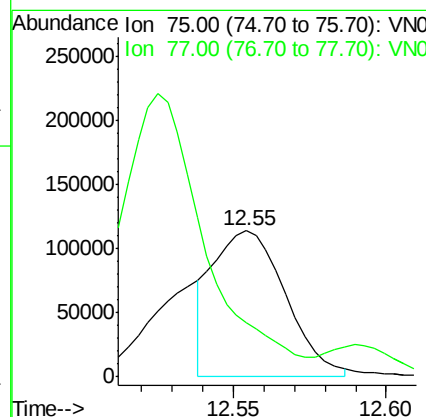
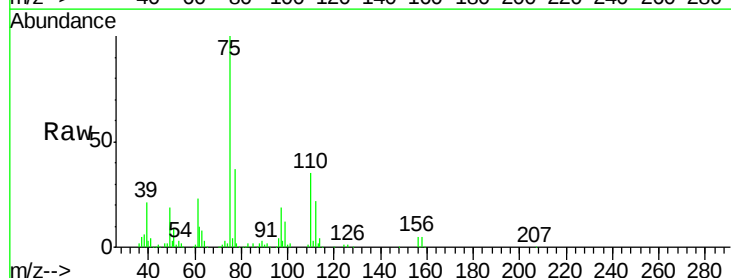
Manual Integrations
 APPROVED

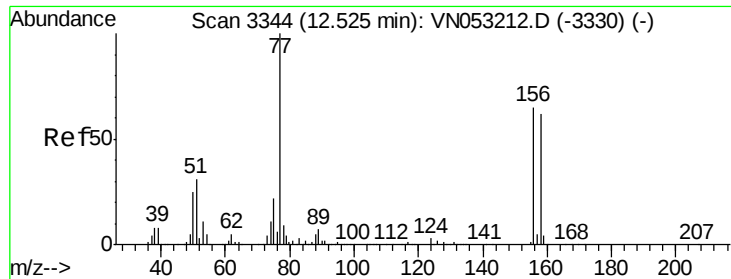
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 1/11/2019 10:11:44 AM



#72
 1,2,3-Trichloropropane
 Concen: 23.019 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	227.6	0.0	514.8





#73

Bromobenzene

Concen: 21.016 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

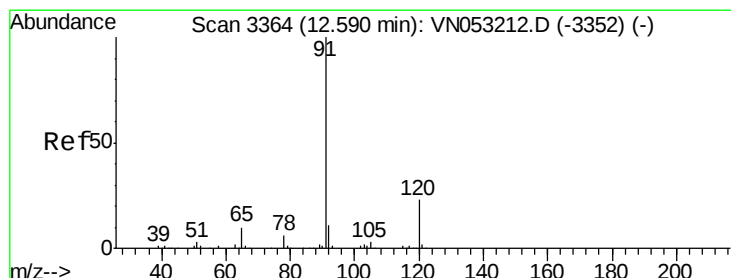
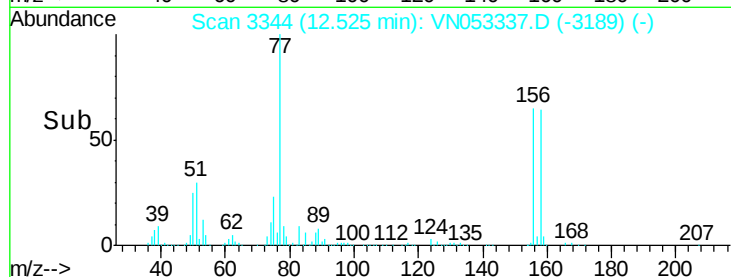
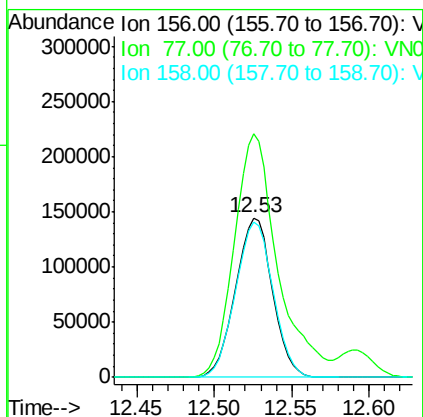
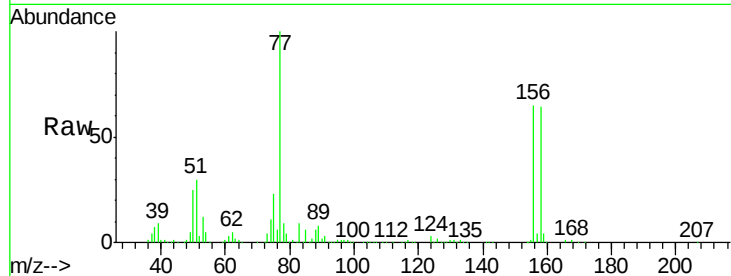
ClientSampled :

VN0110WBS01

Tot Ion:	156	Resp:	240688
Ion Ratio	Lower	Upper	
156	100		
77	178.8	0.0	382.6
158	98.8	0.0	196.8

Manual Integrations
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#74

n-propylbenzene

Concen: 20.987 ug/l

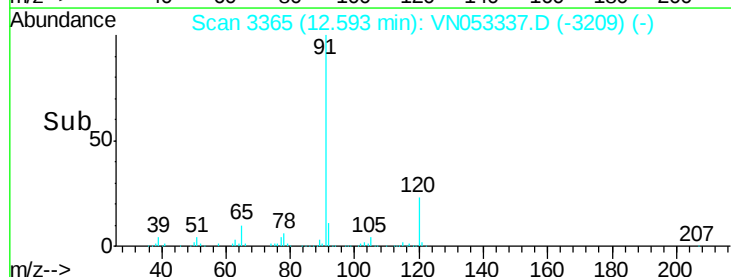
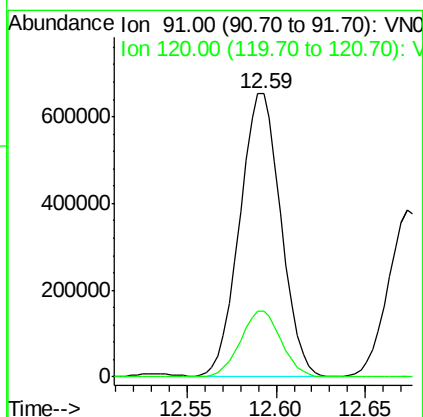
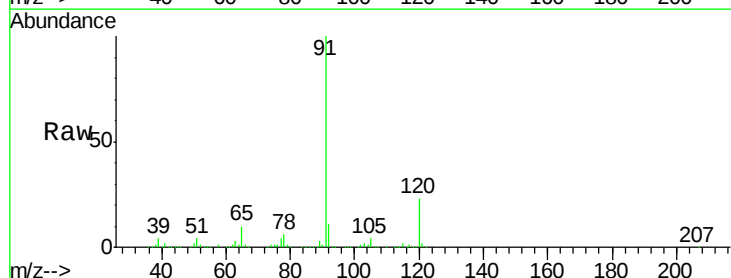
RT: 12.59 min Scan# 3365

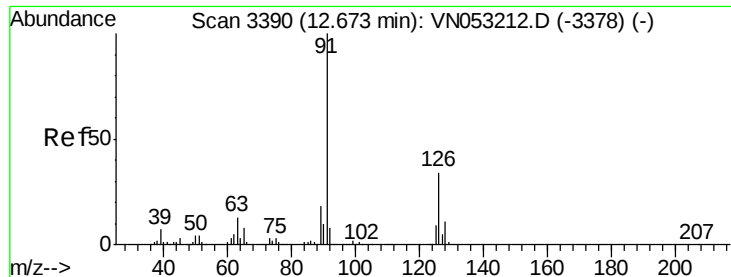
Delta R.T. 0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Tgt Ion:	91	Resp:	1058482
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	44.6





#75

2-Chlorotoluene

Concen: 21.119 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

Tot Ion: 91 Resp: 630830

Ion Ratio Lower Upper

91 100

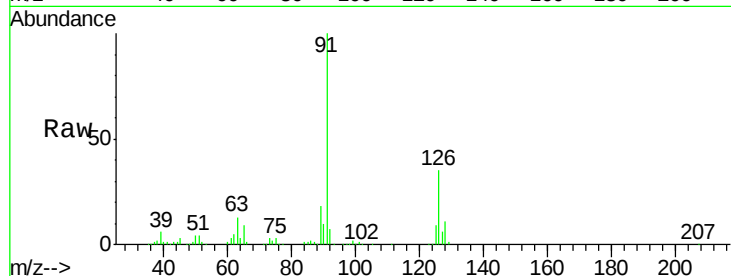
126 35.2 0.0 68.4

Manual Integrations

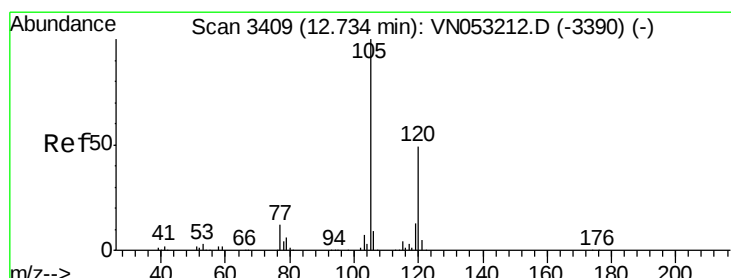
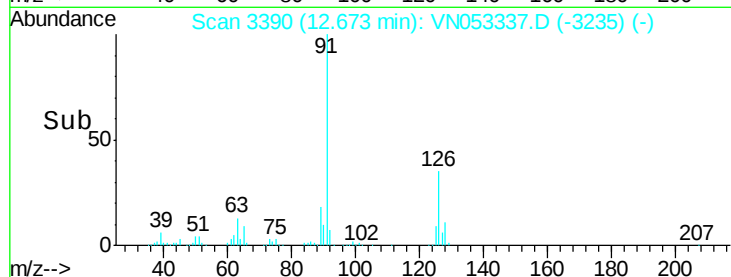
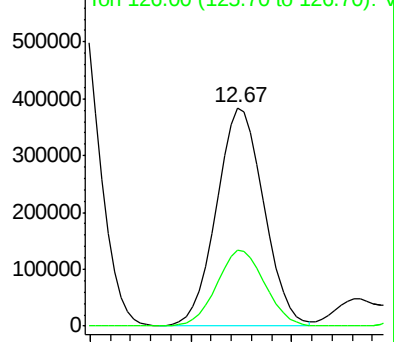
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1/11/2019 10:11:44 AM



Abundance Ion 91.00 (90.70 to 91.70): VN053337.D (-3235) (-)



#76

1,3,5-Trimethylbenzene

Concen: 21.486 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN053337.D

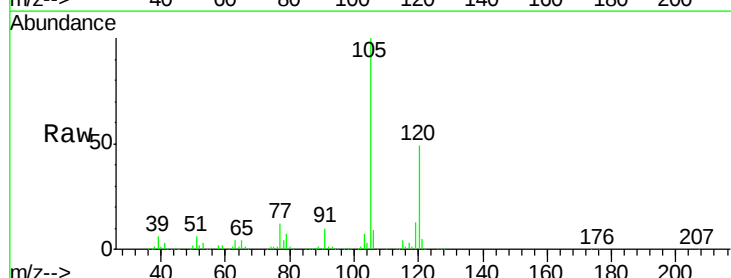
Acq: 10 Jan 2019 13:14

Tgt Ion: 105 Resp: 759376

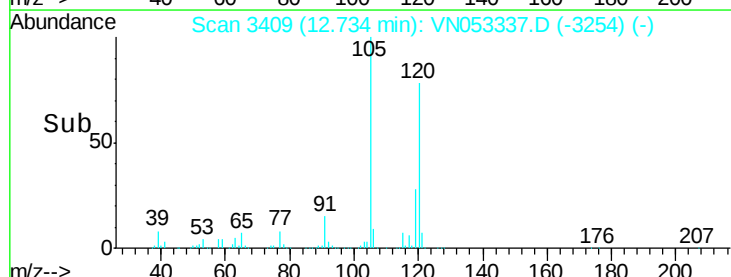
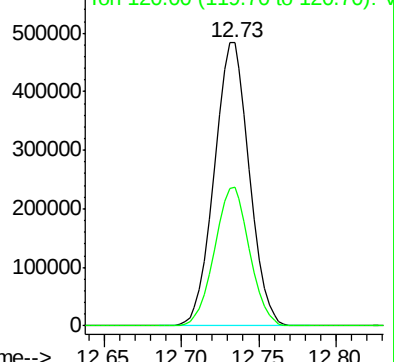
Ion Ratio Lower Upper

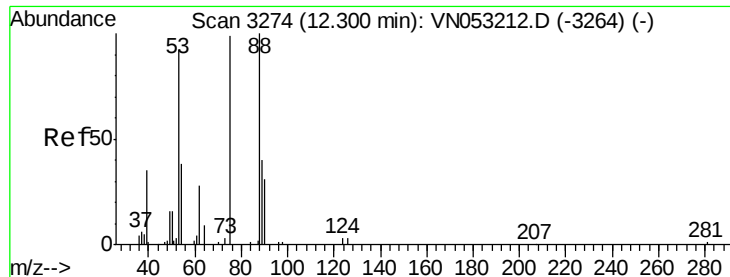
105 100

120 49.2 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VN053337.D (-3254) (-)





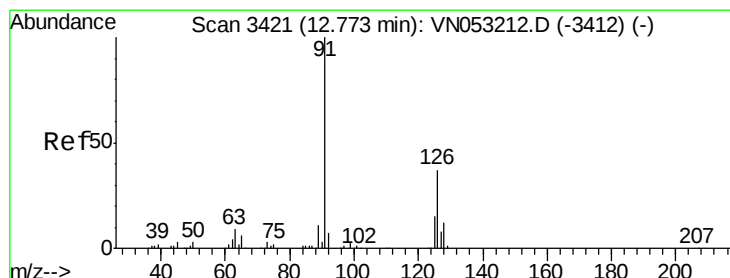
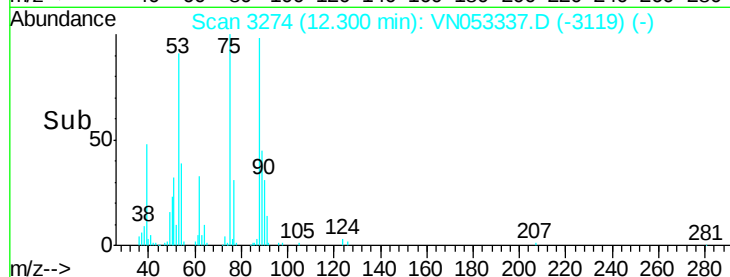
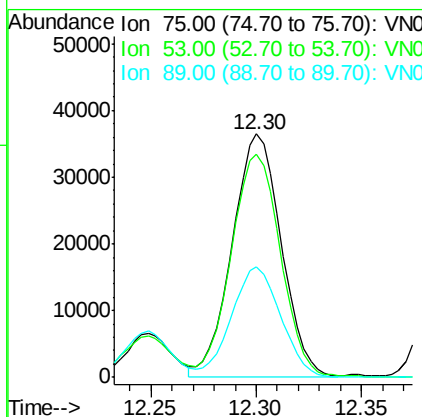
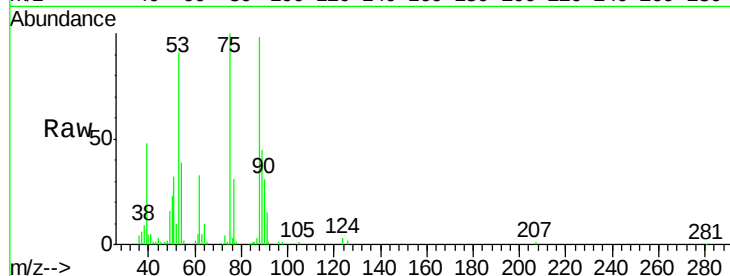
#77
t-1,4-Dichloro-2-butene
Concen: 20.530 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.3	48.5	145.6
89	45.8	21.7	65.1

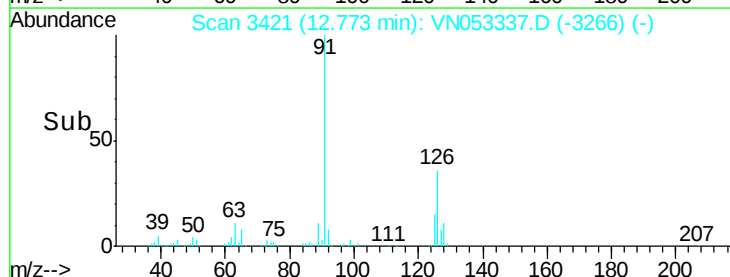
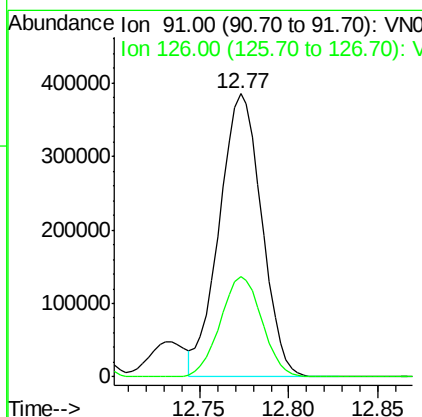
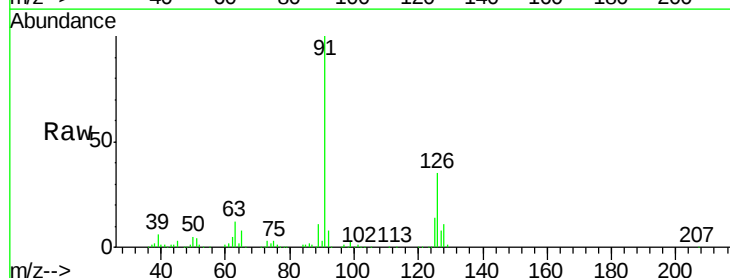
Manual Integrations
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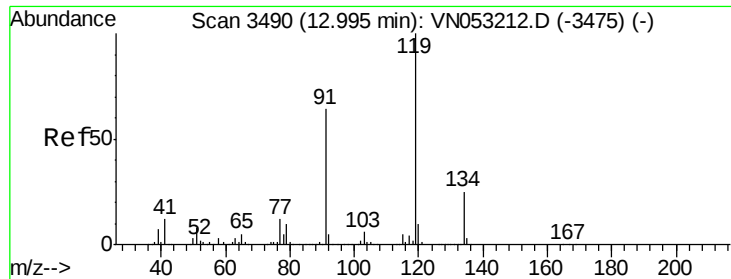
MMDadoda
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#78
4-Chlorotoluene
Concen: 20.836 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	0.0	68.2





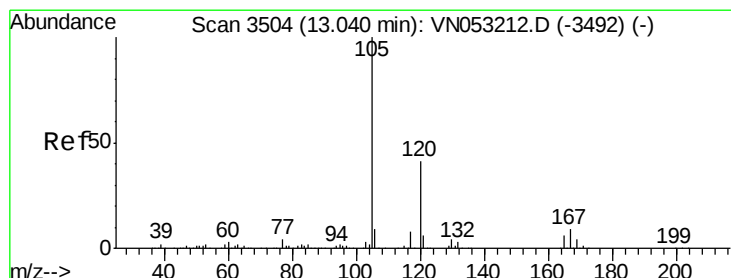
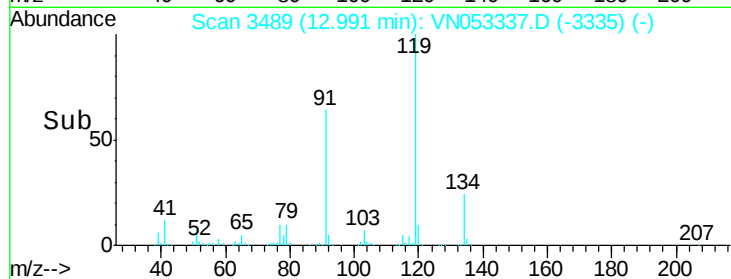
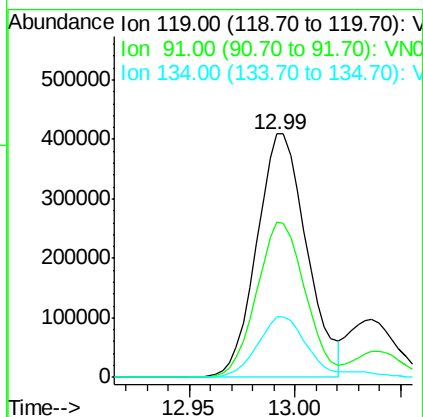
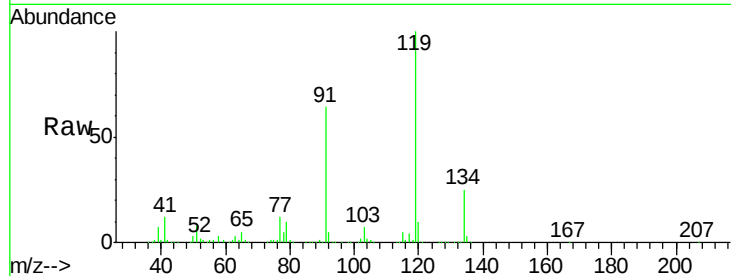
#79
tert-butylbenzene
Concen: 21.915 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampled :
VN0110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	675509		
91	62.1		0.0	129.8
134	24.5		0.0	52.2

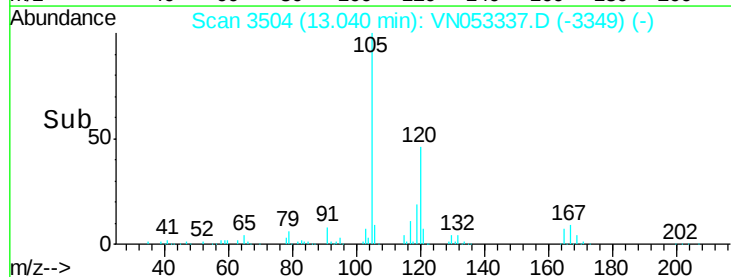
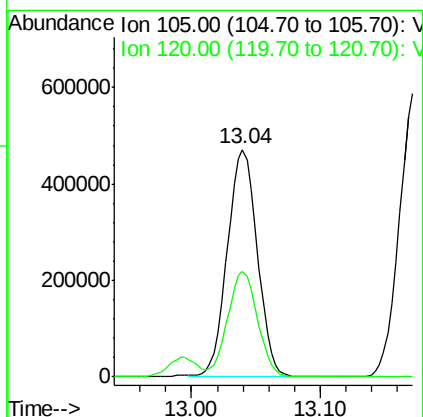
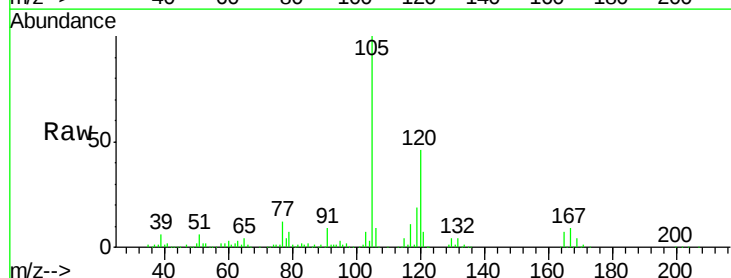
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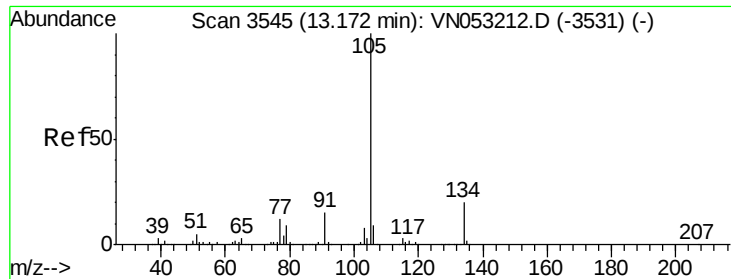
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#80
1,2,4-Trimethylbenzene
Concen: 21.459 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	760147		
120	46.2		0.0	91.0





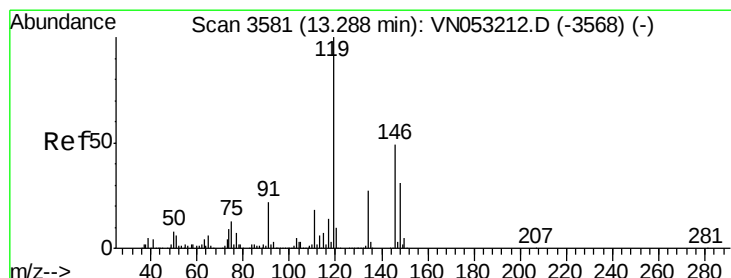
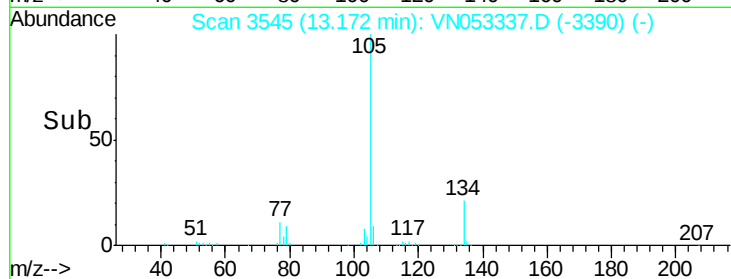
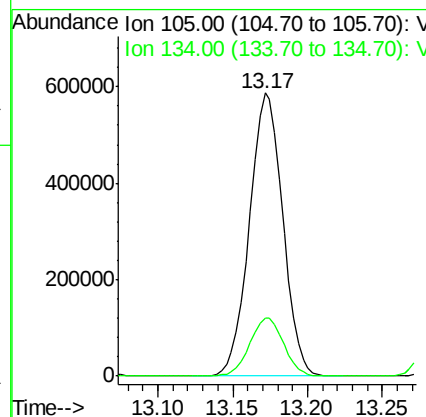
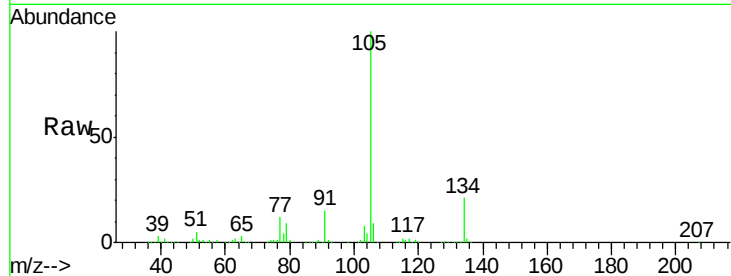
#81
 sec-Butylbenzene
 Concen: 22.323 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	911139		
134	20.8	0.0	40.4	

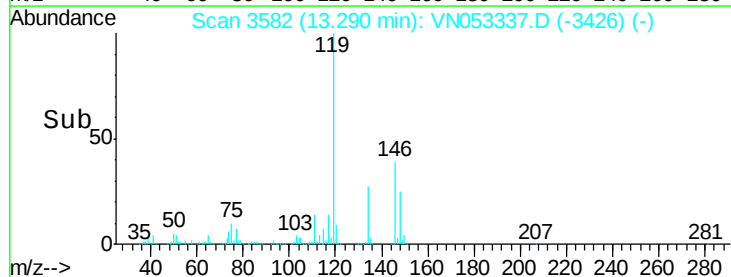
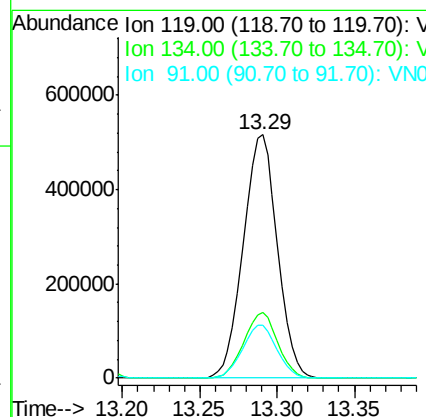
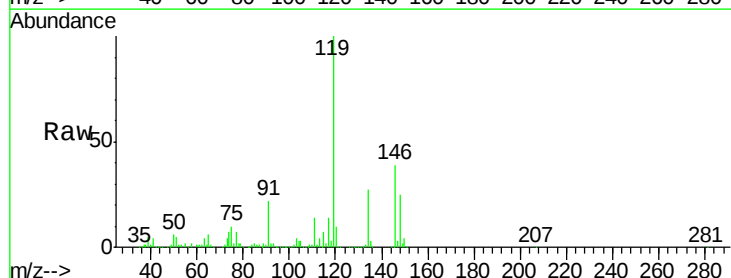
Manual Integrations
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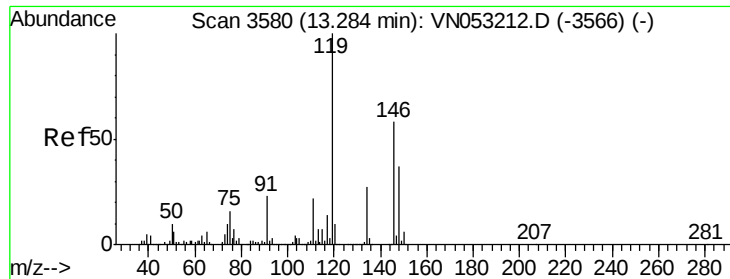
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#82
 p-Isopropyltoluene
 Concen: 22.378 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	789275		
134	26.9	0.0	52.6	
91	21.8	0.0	46.2	





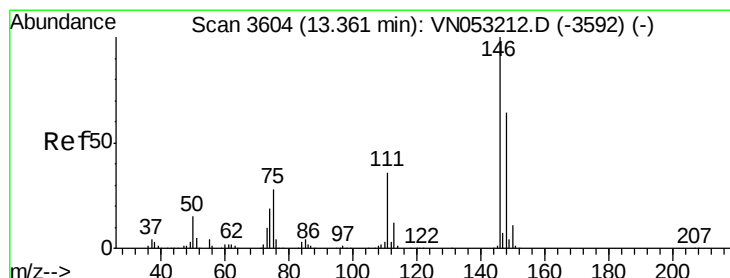
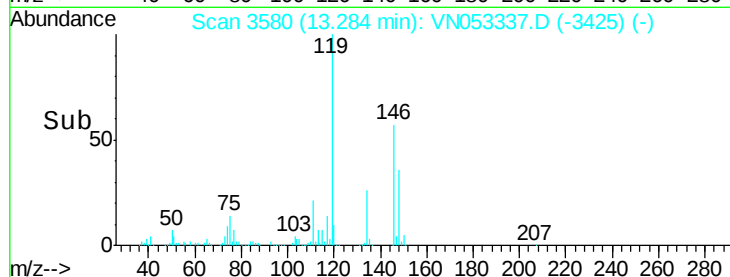
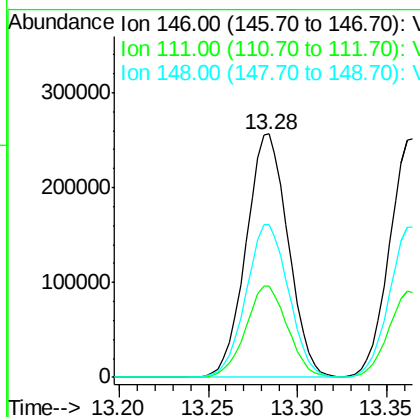
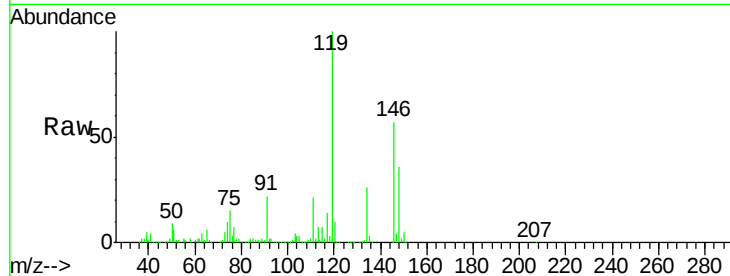
#83
 1,3-Dichlorobenzene
 Concen: 21.773 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.7	59.0
148	63.5	32.3	96.8

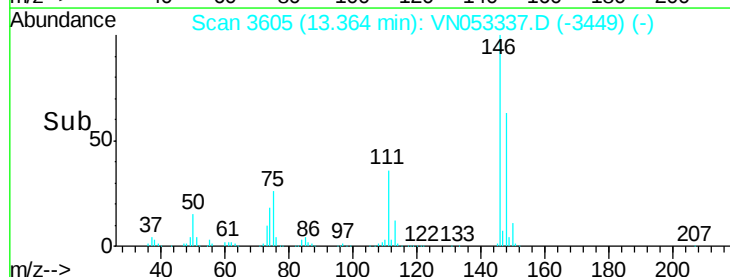
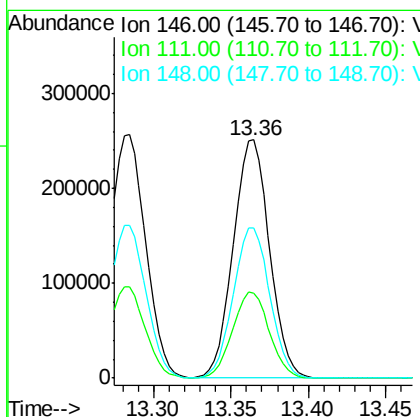
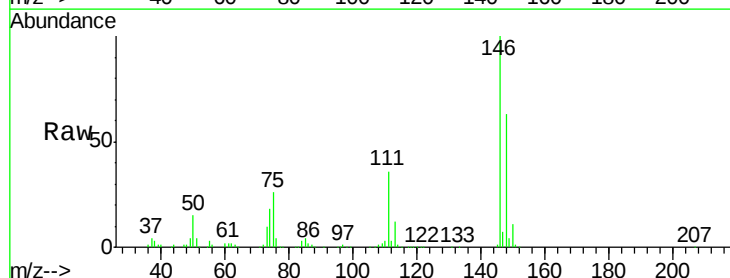
Manual Integrations
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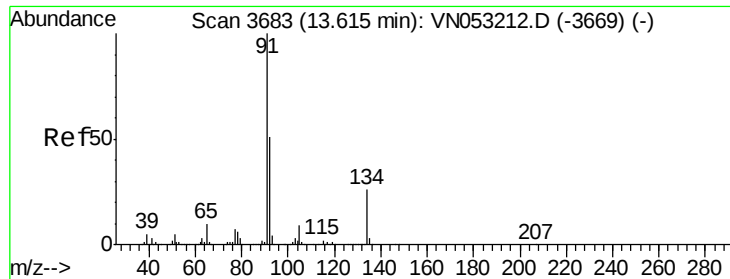
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#84
 1,4-Dichlorobenzene
 Concen: 21.535 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.8	56.3
148	63.5	32.5	97.4





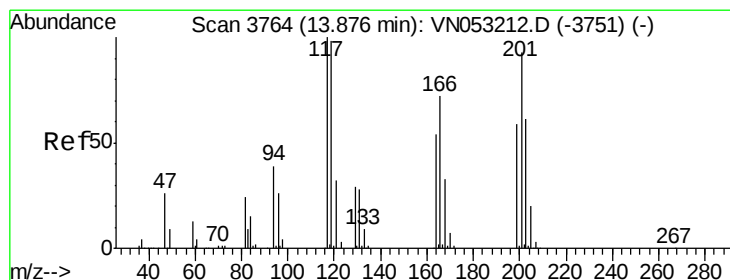
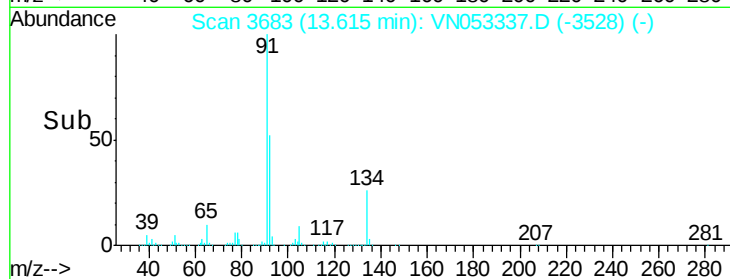
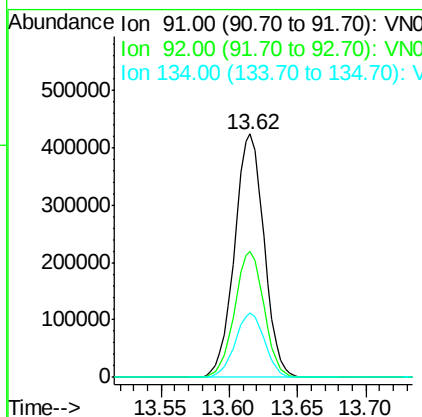
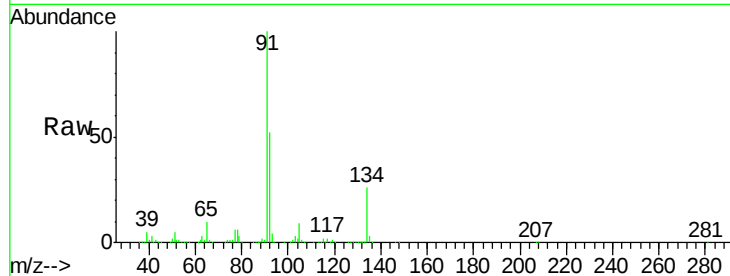
#85
n-Butylbenzene
Concen: 22.173 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	0.0	104.2
134	26.4	0.0	50.6

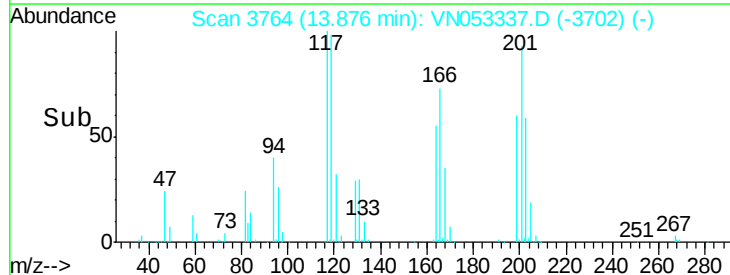
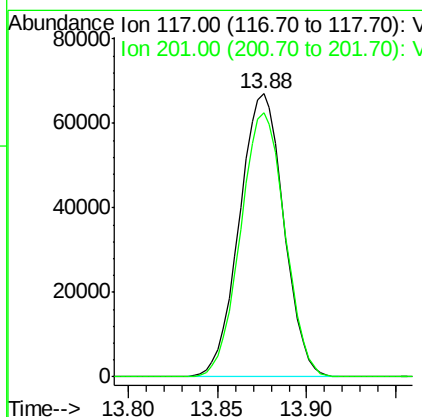
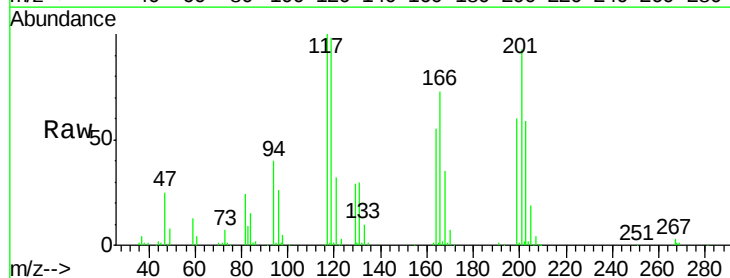
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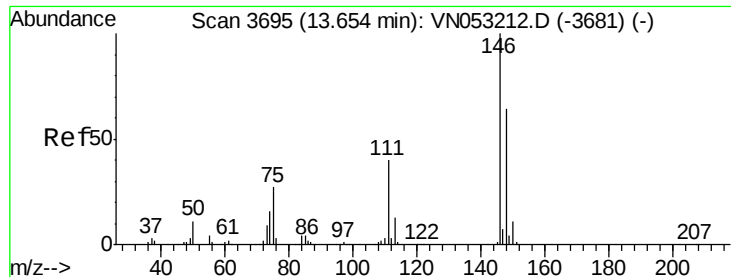
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#86
Hexachloroethane
Concen: 20.649 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.2	43.8	131.3





#87

1,2-Dichlorobenzene

Concen: 22.258 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Instrument :

MSVOA_N

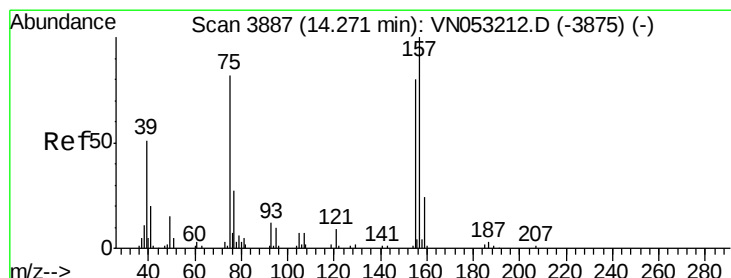
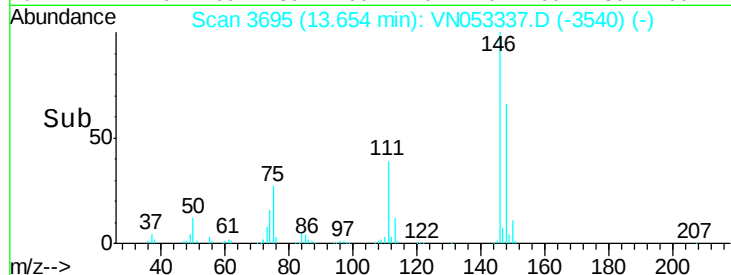
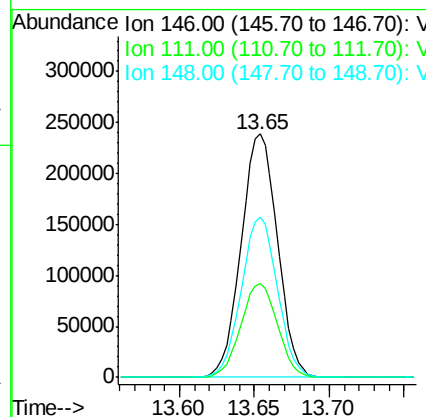
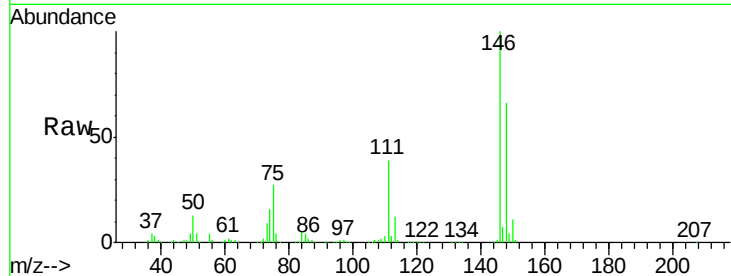
ClientSampleId :

VN0110WBS01

Tot Ion:	146	Resp:	403305
Ion Ratio		Lower	Upper
146	100		
111	39.0	20.3	60.8
148	65.3	32.1	96.5

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#88

1,2-Dibromo-3-Chloropropane

Concen: 21.414 ug/l

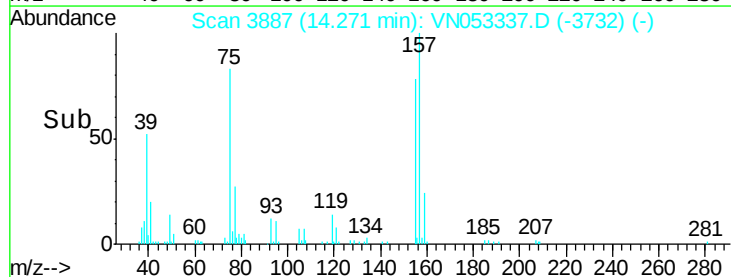
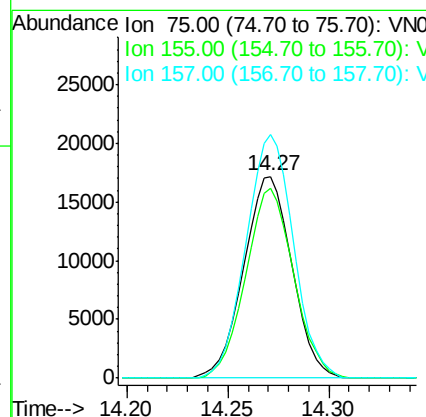
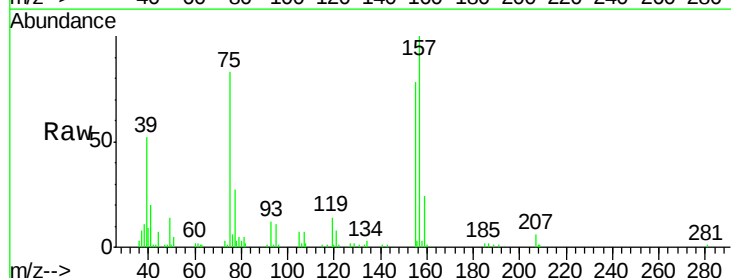
RT: 14.27 min Scan# 3887

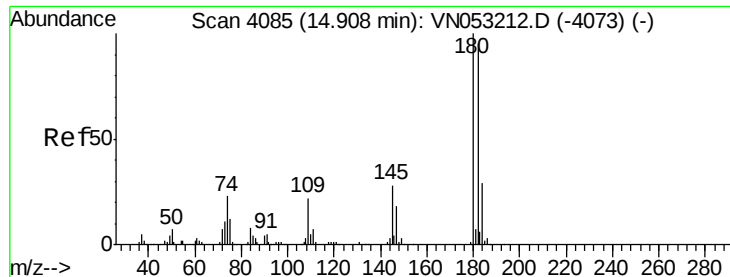
Delta R.T. -0.00 min

Lab File: VN053337.D

Acq: 10 Jan 2019 13:14

Tgt Ion:	75	Resp:	28723
Ion Ratio		Lower	Upper
75	100		
155	93.2	72.2	108.2
157	119.0	94.2	141.2





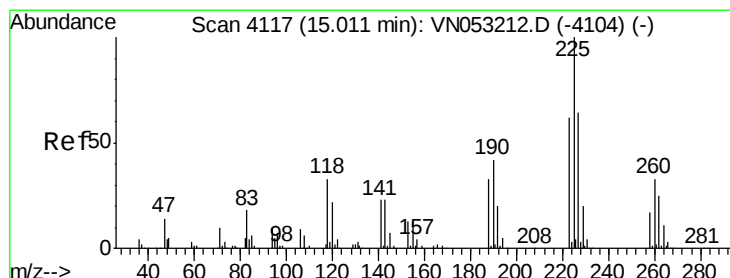
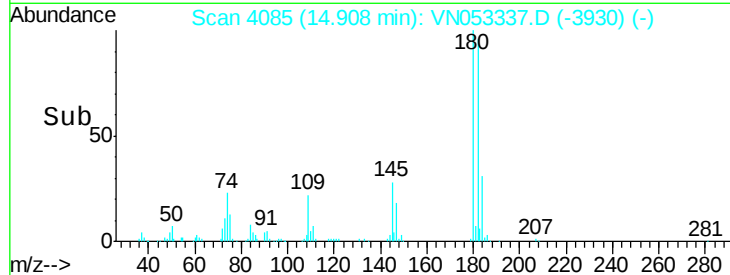
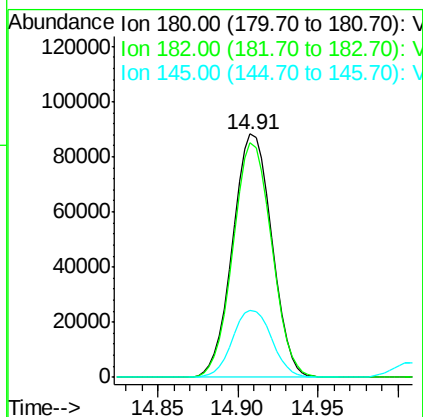
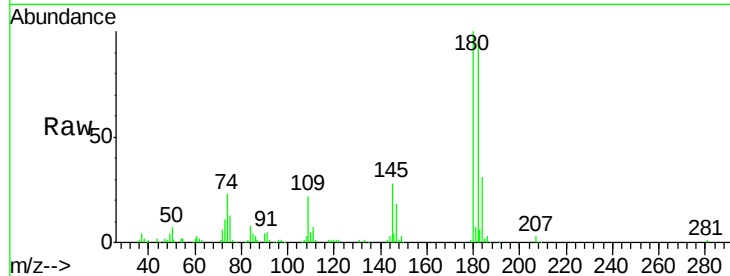
#89
 1,2,4-Trichlorobenzene
 Concen: 16.719 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.6	114.8
145	27.8	23.6	35.4

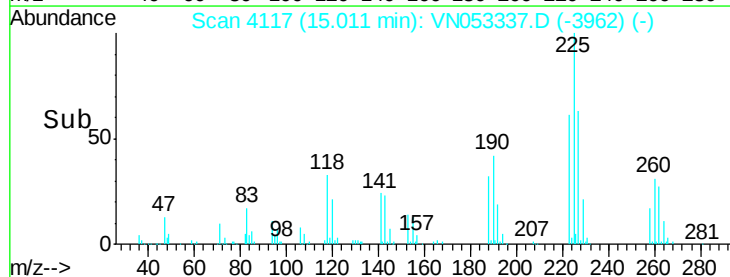
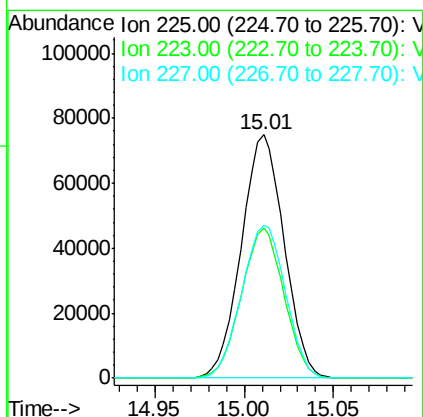
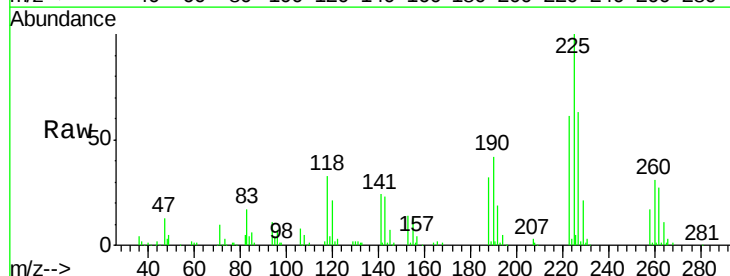
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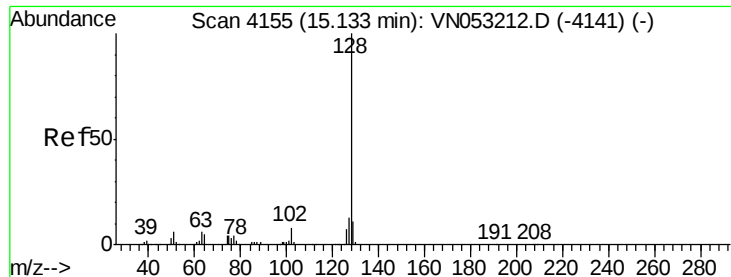
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#90
 Hexachlorobutadiene
 Concen: 23.657 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN053337.D
 Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	0.0	125.6
227	64.3	0.0	127.8





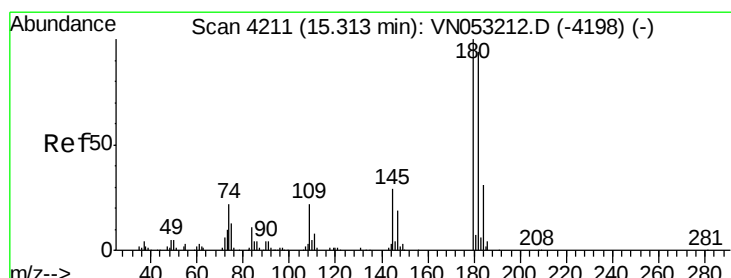
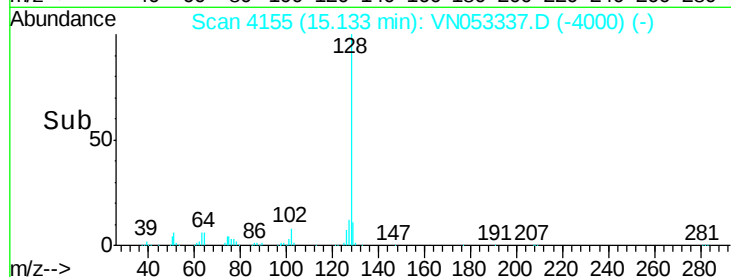
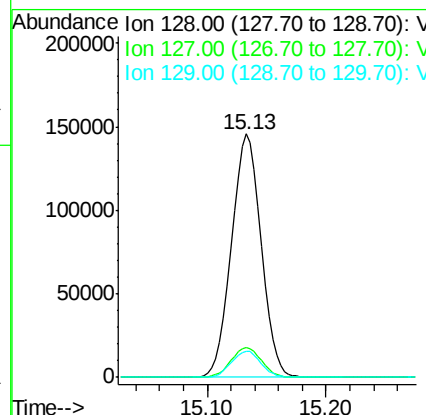
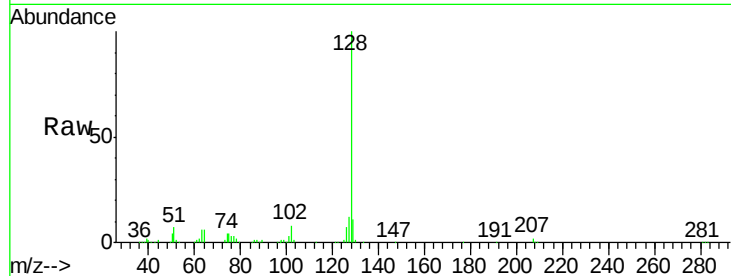
#91
Naphthalene
Concen: 13.458 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.9	14.9
129	10.7	8.5	12.7

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#92
1,2,3-Trichlorobenzene
Concen: 12.981 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053337.D
Acq: 10 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	0.0	196.2
145	30.4	0.0	62.2

