

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053342.D
 Acq On : 10 Jan 2019 15:28
 Operator : MD\SY
 Sample : VN0110WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:12:01 AM

Quant Time: Jan 11 06:26:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	880751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1361096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1224971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	556051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	444918	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.59	113	380606	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.09	98	1617035	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.40	95	566445	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	156869	20.203	ug/l	100
3) Chloromethane	2.06	50	212541	19.601	ug/l	99
4) Vinyl Chloride	2.19	62	209068	20.201	ug/l	98
5) Bromomethane	2.53	94	129475	19.145	ug/l	97
6) Chloroethane	2.69	64	121487	19.448	ug/l	98
7) Trichlorofluoromethane	3.01	101	264936	19.763	ug/l	98
8) Diethyl Ether	3.41	74	105475	20.074	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	168332	19.813	ug/l	99
10) Methyl Iodide	3.95	142	234974	19.731	ug/l	100
11) Tert butyl alcohol	4.78	59	42318	76.783	ug/l	100
12) 1,1-Dichloroethene	3.74	96	160222	19.496	ug/l	98
13) Acrolein	3.61	56	57624	83.156	ug/l	98
14) Allyl chloride	4.32	41	265764	20.065	ug/l	96
15) Acrylonitrile	4.99	53	321966	97.860	ug/l	99
16) Acetone	3.82	43	201516	89.947	ug/l	100
17) Carbon Disulfide	4.05	76	441093	17.410	ug/l	99
18) Methyl Acetate	4.32	43	165423	19.947	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	466425	20.223	ug/l	99
20) Methylene Chloride	4.55	84	197317	20.050	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	171184	19.400	ug/l	97
22) Diisopropyl ether	5.95	45	584771	20.494	ug/l	97
23) Vinyl Acetate	5.89	43	1808445	100.726	ug/l	99
24) 1,1-Dichloroethane	5.85	63	332026	20.175	ug/l	100
25) 2-Butanone	6.83	43	350945	93.355	ug/l	99
26) 2,2-Dichloropropane	6.82	77	236880	19.691	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	203344	20.180	ug/l	99
28) Bromochloromethane	7.19	49	142108	20.263	ug/l	99
29) Tetrahydrofuran	7.21	42	239124	96.391	ug/l	98
30) Chloroform	7.37	83	325235	20.078	ug/l	99
31) Cyclohexane	7.65	56	316082	20.095	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	266177	19.720	ug/l	99
36) 1,1-Dichloropropene	7.79	75	247246	19.458	ug/l	100
37) Ethyl Acetate	6.93	43	161194	19.476	ug/l	98
38) Carbon Tetrachloride	7.77	117	229152	19.538	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	304150	20.661	ug/l	100
40) Benzene	8.04	78	776070	19.994	ug/l	100
41) Methacrylonitrile	7.17	41	84816	16.506	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	232499	20.194	ug/l	99
43) Isopropyl Acetate	8.17	43	301198	18.499	ug/l	98
44) Trichloroethene	8.83	130	210898	19.788	ug/l	100
45) 1,2-Dichloropropane	9.12	63	206517	20.286	ug/l	99
46) Dibromomethane	9.21	93	118835	20.021	ug/l	99
47) Bromodichloromethane	9.40	83	240742	19.462	ug/l	98
48) Methyl methacrylate	9.20	41	145362	19.651	ug/l	99
49) 1,4-Dioxane	9.20	88	20051	254.415	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	812094	99.181	ug/l	100
52) Toluene	10.16	92	483946	20.323	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	248960	19.675	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	294620	20.149	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	173446	19.809	ug/l	99
56) Ethyl methacrylate	10.43	69	231393	20.337	ug/l	99
57) 1,3-Dichloropropane	10.71	76	298532	20.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	605280	98.399	ug/l	100
59) 2-Hexanone	10.75	43	543606	96.897	ug/l	100
60) Dibromochloromethane	10.90	129	183957	19.479	ug/l	99
61) 1,2-Dibromoethane	11.00	107	175292	20.288	ug/l	100
64) Tetrachloroethene	10.63	164	239059	20.735	ug/l	99
65) Chlorobenzene	11.43	112	536572	20.164	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	182618	19.606	ug/l	99
67) Ethyl Benzene	11.51	91	912491	20.180	ug/l	99
68) m/p-Xylenes	11.62	106	699416	41.135	ug/l	100
69) o-Xylene	11.95	106	343462	20.633	ug/l	99
70) Styrene	11.96	104	558826	20.627	ug/l	100
71) Bromoform	12.13	173	128041	19.462	ug/l #	100
73) Isopropylbenzene	12.25	105	905203	21.865	ug/l	100
74) N-amyl acetate	12.07	43	254721	20.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	195002	20.476	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	174326m	21.494	ug/l	
77) Bromobenzene	12.53	156	235066	21.274	ug/l	99
78) n-propylbenzene	12.59	91	1031619	22.029	ug/l	99
79) 2-Chlorotoluene	12.68	91	611704	21.588	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	734370	22.022	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	57450	20.841	ug/l	97
82) 4-Chlorotoluene	12.77	91	614611	21.153	ug/l	100
83) tert-Butylbenzene	12.99	119	650898	22.247	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	742718	21.862	ug/l	99
85) sec-Butylbenzene	13.17	105	886418	22.973	ug/l	99
86) p-Isopropyltoluene	13.29	119	754489	22.584	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	399656	20.539	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	389456	20.177	ug/l	99
89) n-Butylbenzene	13.62	91	617630	22.051	ug/l	100
90) Hexachloroethane	13.88	117	107804	20.133	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	362638	19.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24215	20.964	ug/l	99

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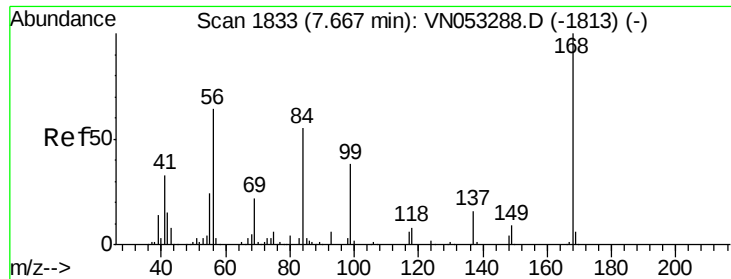
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	137479	23.989	ug/l	100
94) Hexachlorobutadiene	15.01	225	103263	22.030	ug/l	97
95) Naphthalene	15.13	128	252794	25.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	96178	25.634	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

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ClientSampleId :

VN0110WBSD02

Tot Ion:168 Resp: 880751

Ion Ratio Lower Upper

168 100

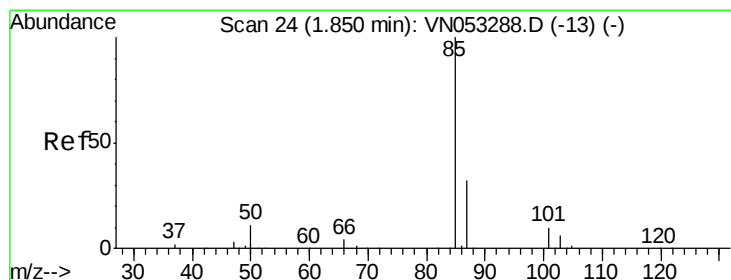
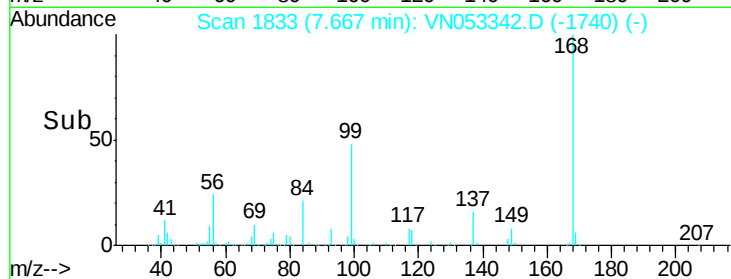
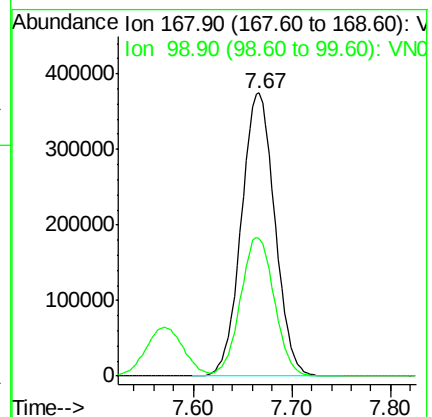
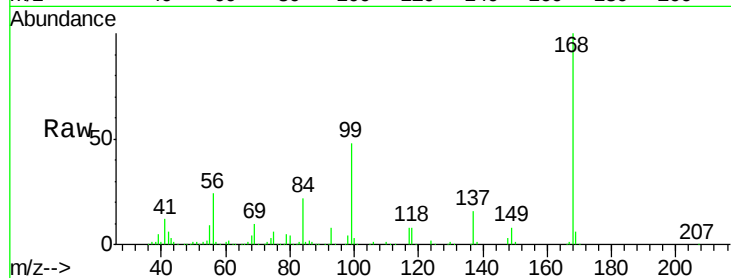
99 48.4 39.1 58.7

Manual Integrations

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1/11/2019 10:12:01 AM



#2

Dichlorodifluoromethane

Concen: 20.203 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053342.D

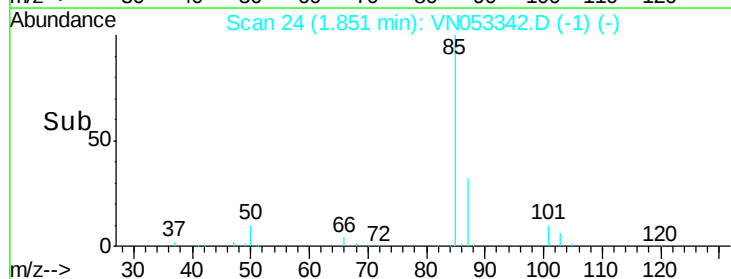
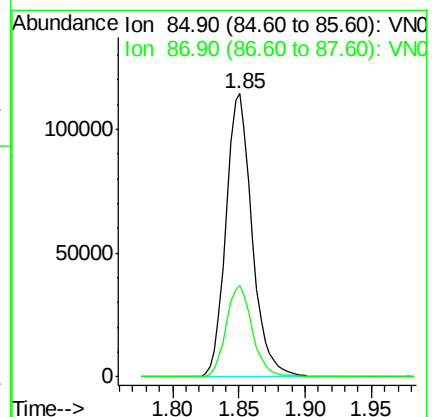
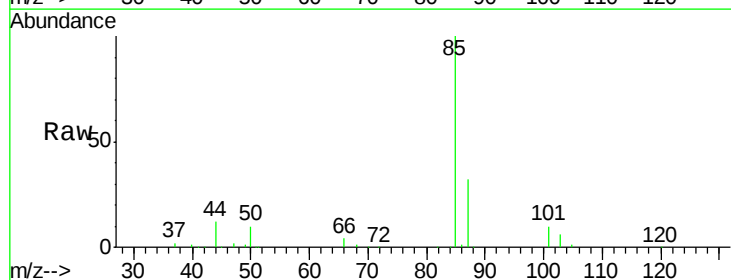
Acq: 10 Jan 2019 15:28

Tgt Ion: 85 Resp: 156869

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9





#3

Chloromethane

Concen: 19.601 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion: 50 Resp: 212541

Ion Ratio Lower Upper

50 100

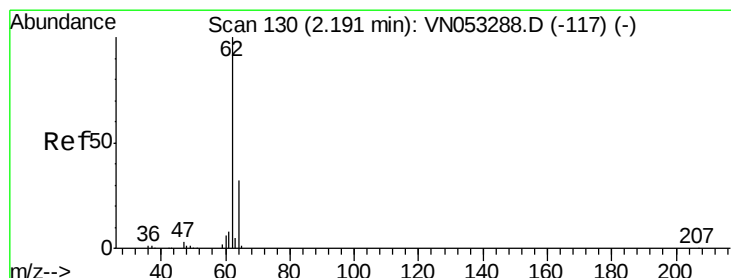
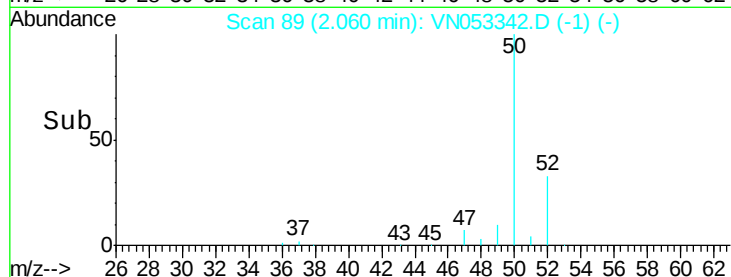
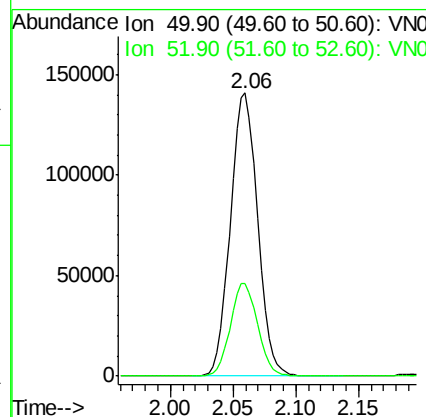
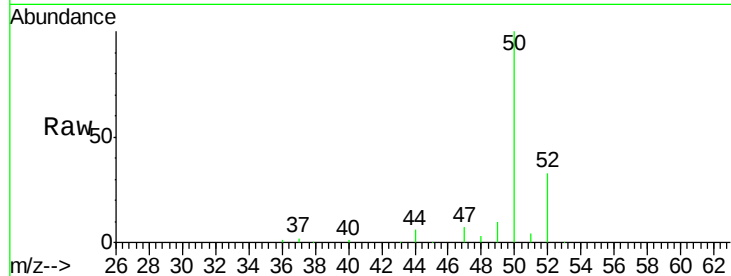
52 32.9 26.6 40.0

Manual Integrations

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1/11/2019 10:12:01 AM



#4

Vinyl Chloride

Concen: 20.201 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053342.D

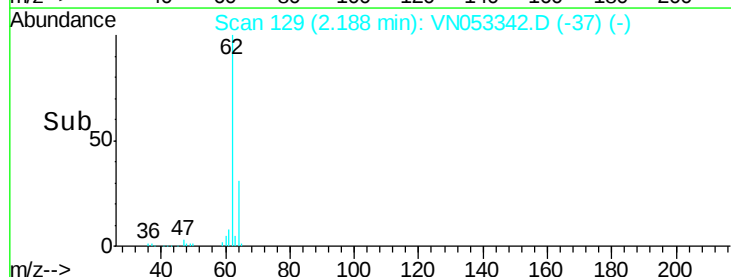
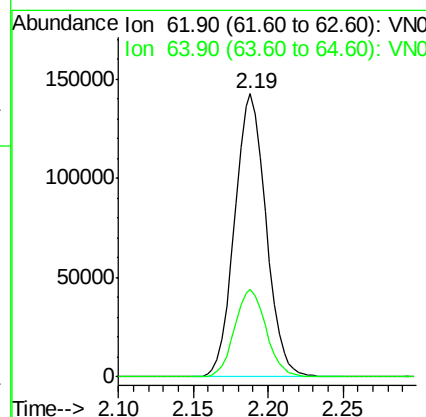
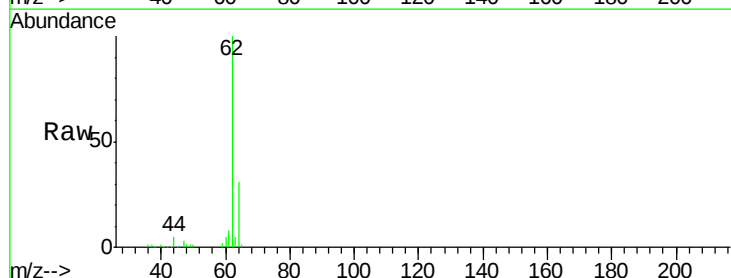
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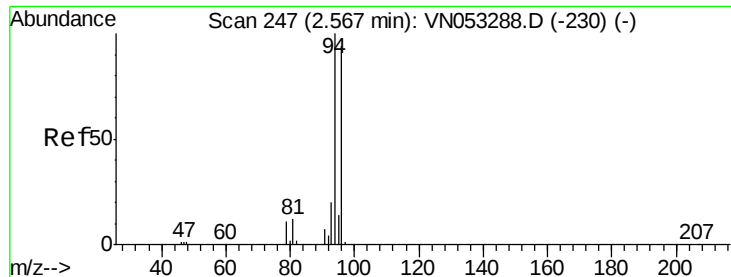
Tgt Ion: 62 Resp: 209068

Ion Ratio Lower Upper

62 100

64 30.7 25.6 38.4





#5

Bromomethane

Concen: 19.145 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.04 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 129475

Ion Ratio Lower Upper

94 100

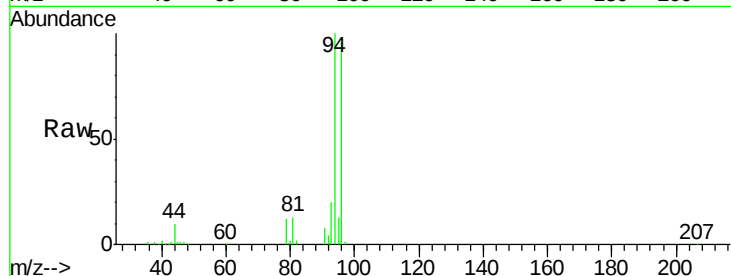
96 96.2 74.9 112.3

Manual Integrations

APPROVED

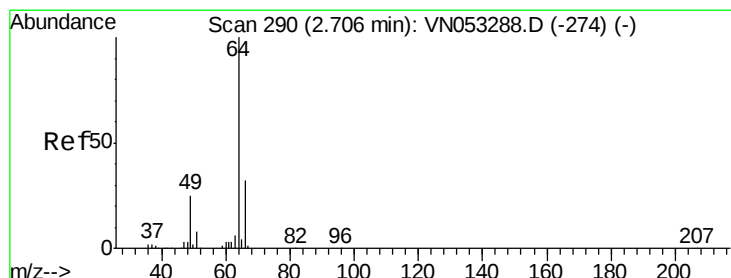
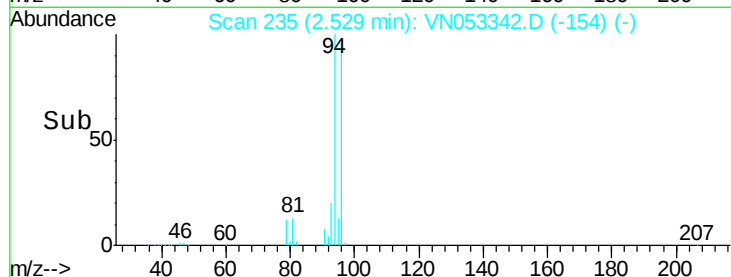
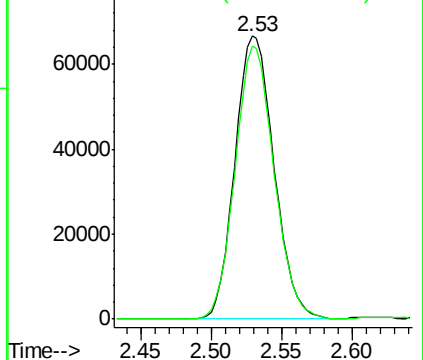
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1/11/2019 10:12:01 AM



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 19.448 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.02 min

Lab File: VN053342.D

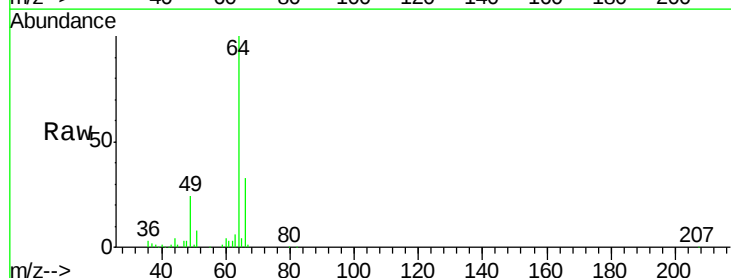
Acq: 10 Jan 2019 15:28

Tgt Ion: 64 Resp: 121487

Ion Ratio Lower Upper

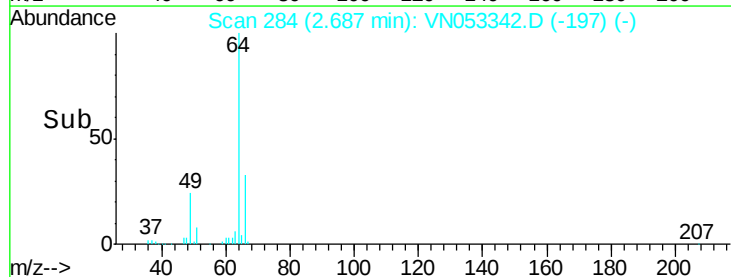
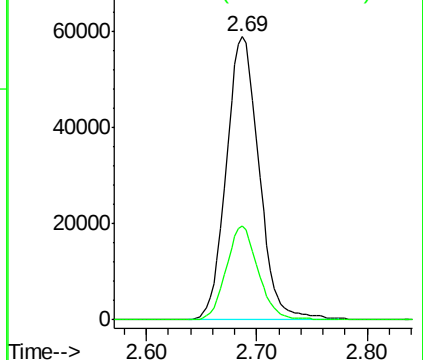
64 100

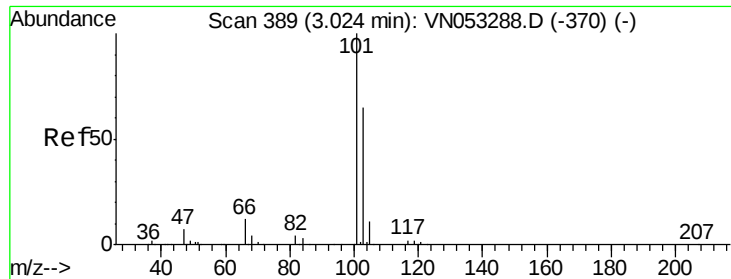
66 33.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

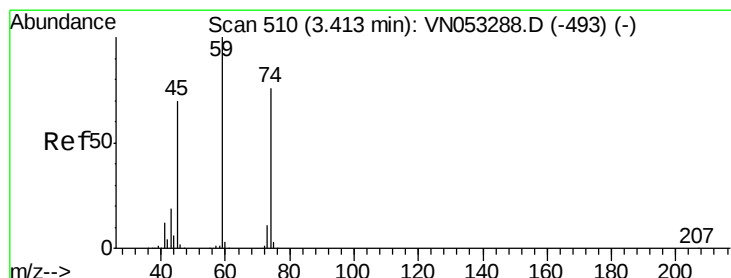
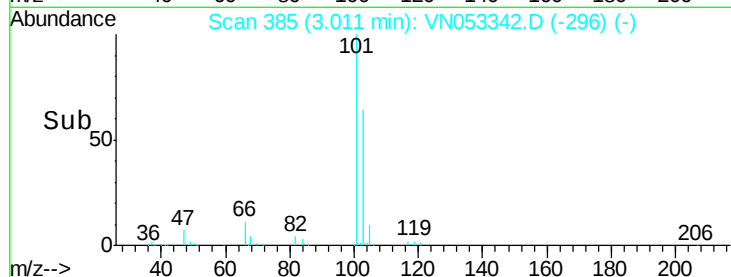
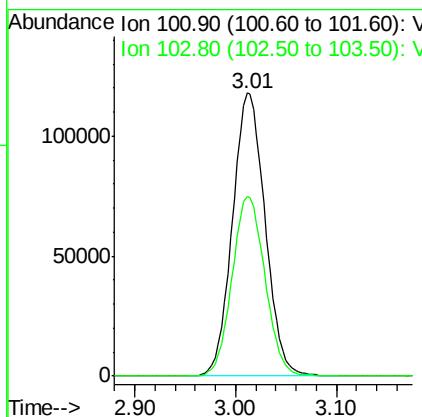
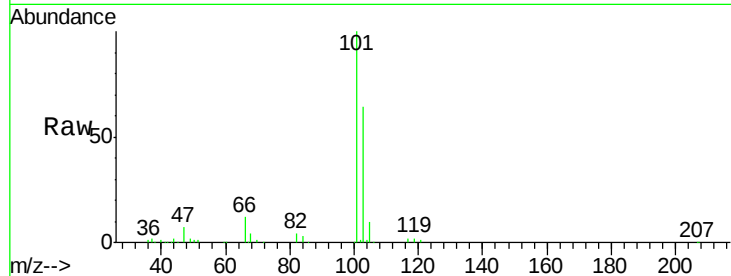
Trichlorofluoromethane
 Concen: 19.763 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.1	78.1

Manual Integrations
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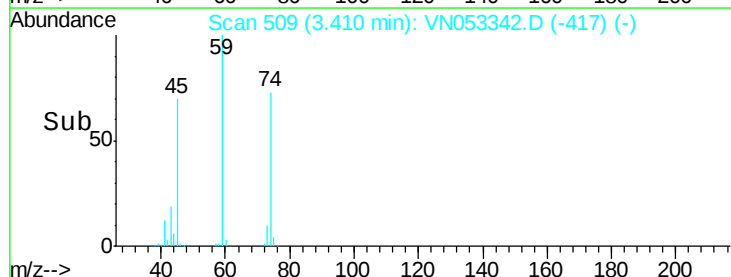
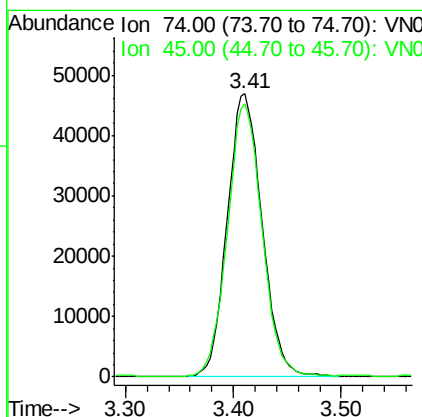
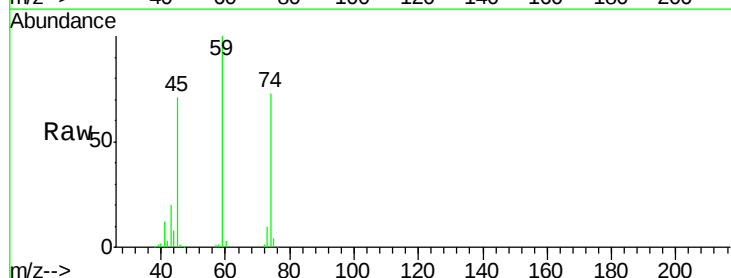
MMDadoda
 1/11/2019 10:12:01 AM

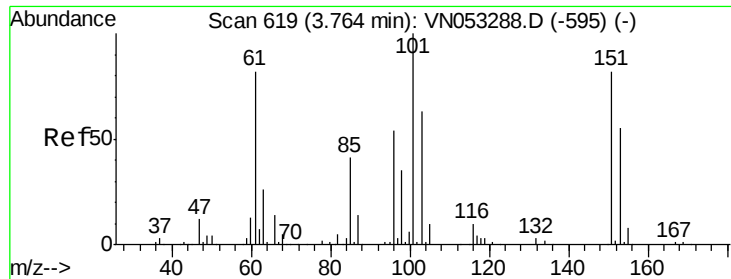


#8

Diethyl Ether
 Concen: 20.074 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	48.3	144.9





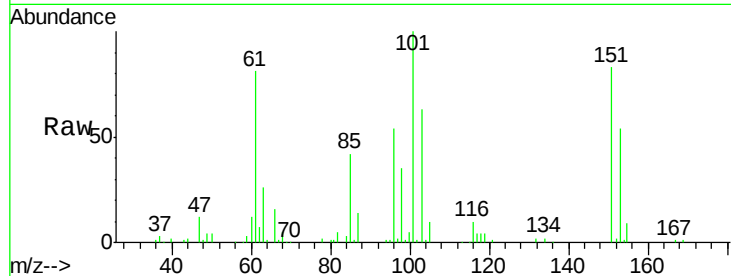
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.813 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VN053342.D
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Instrument :
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 VN0110WBSD02

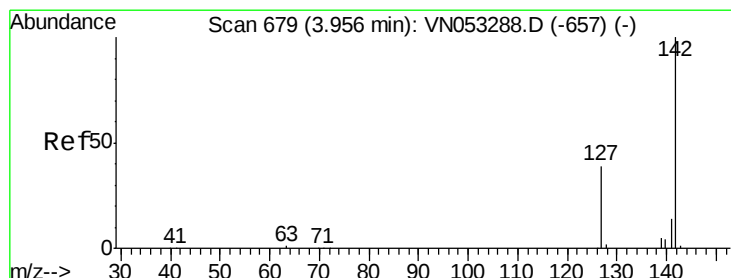
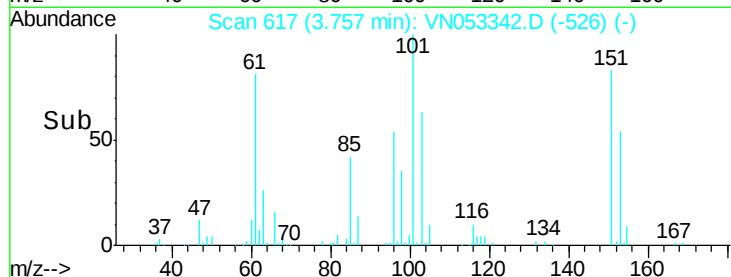
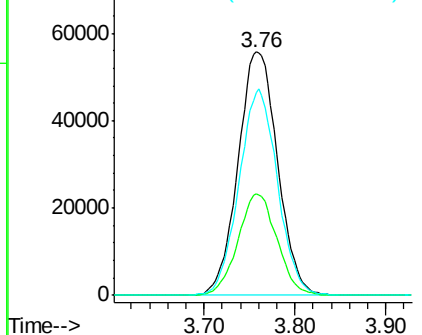
Tot Ion	Ratio	Resp	Lower	Upper
101	100	168332		
85	41.1	33.3	49.9	
151	82.4	67.0	100.4	

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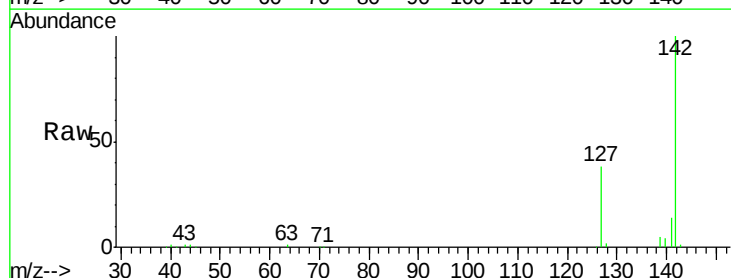


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

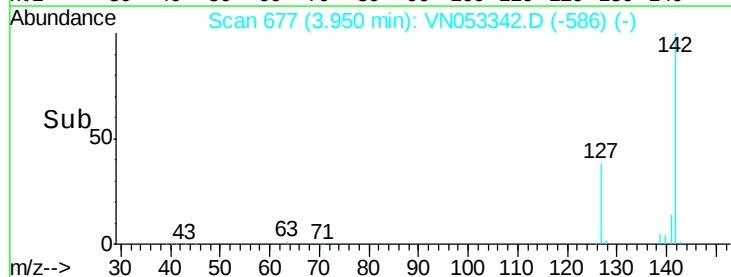
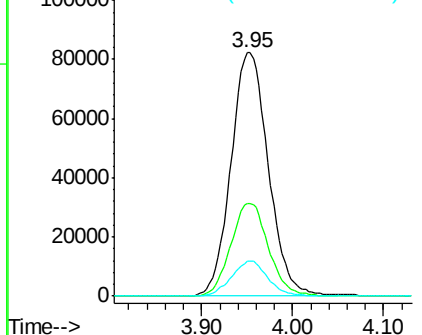


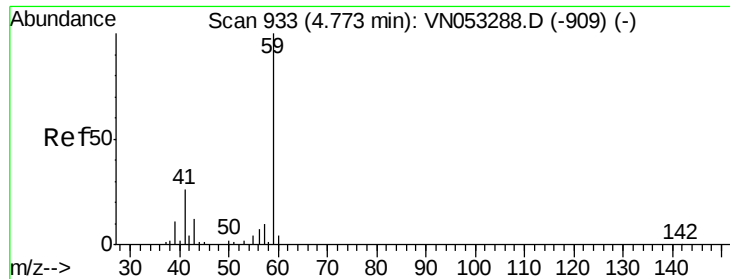
#10
 Methyl Iodide
 Concen: 19.731 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	234974		
127	38.4	30.9	46.3	
141	14.1	11.2	16.8	



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V





#11

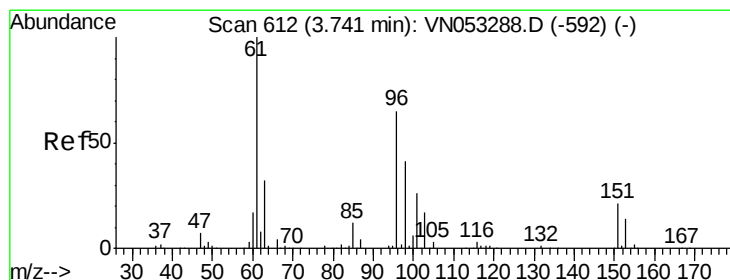
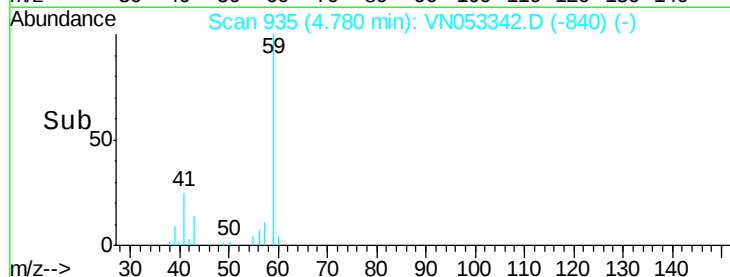
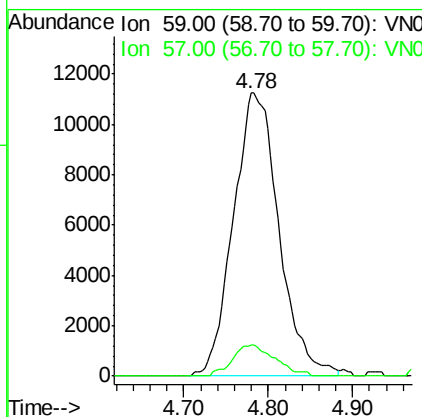
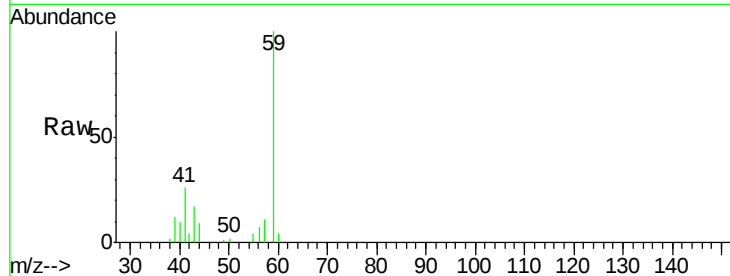
Tert butyl alcohol
Concen: 76.783 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

Manual Integrations
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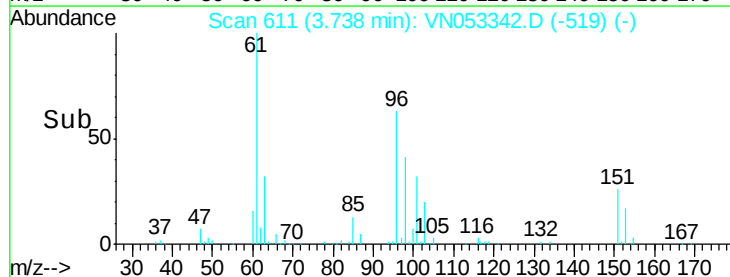
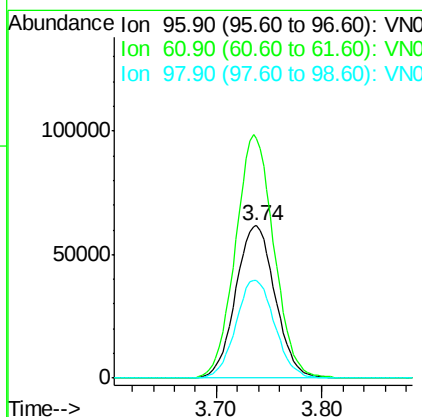
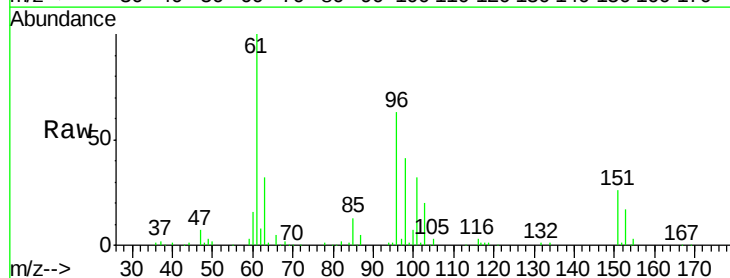
MMDadoda
1/11/2019 10:12:01 AM

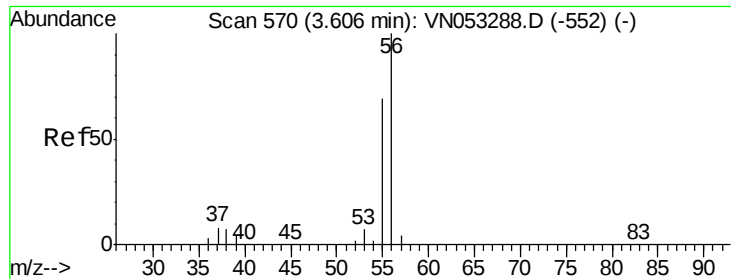


#12

1,1-Dichloroethene
Concen: 19.496 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	123.2	184.8
98	64.2	50.5	75.7





#13

Acrolein

Concen: 83.156 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion: 56 Resp: 57624

Ion Ratio Lower Upper

56 100

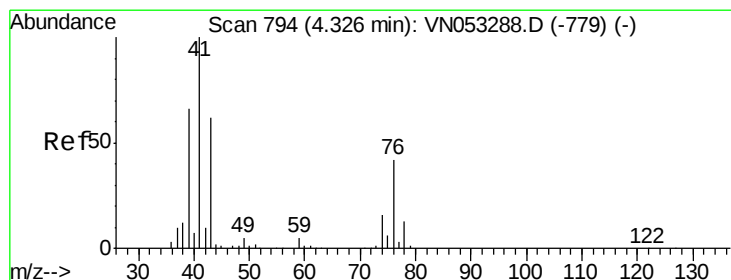
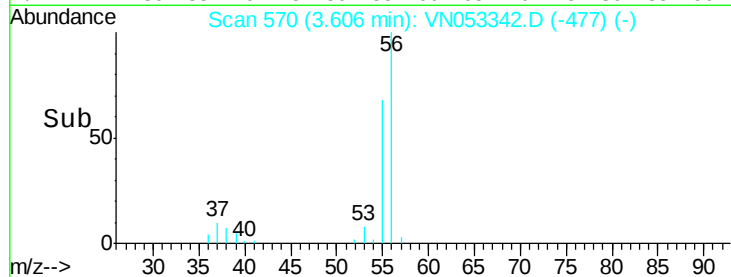
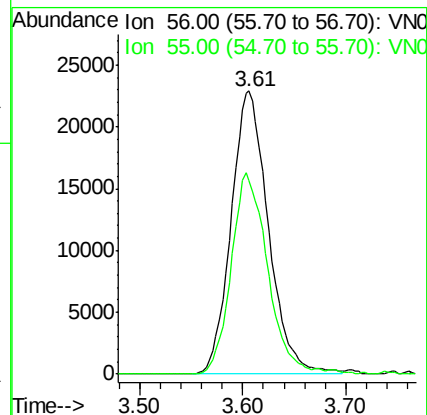
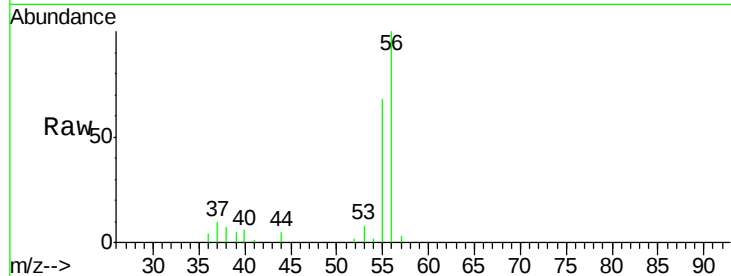
55 68.7 56.3 84.5

Manual Integrations

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#14

Allyl chloride

Concen: 20.065 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

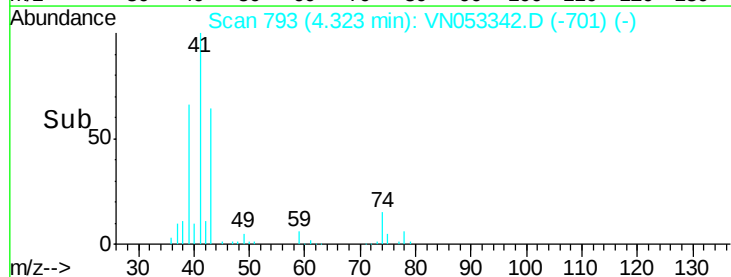
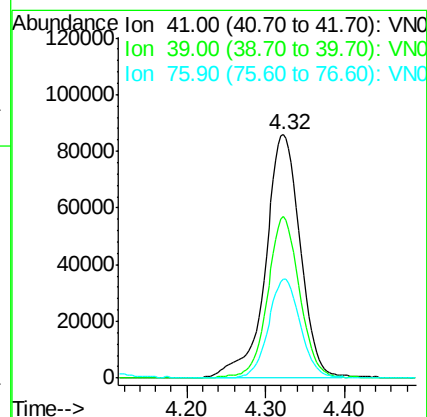
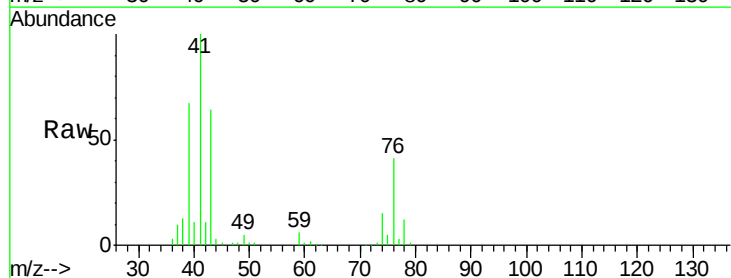
Tgt Ion: 41 Resp: 265764

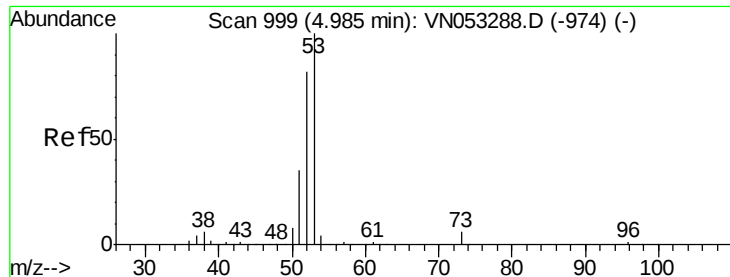
Ion Ratio Lower Upper

41 100

39 61.3 51.9 77.9

76 37.3 31.2 46.8





#15

Acrylonitrile

Concen: 97.860 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

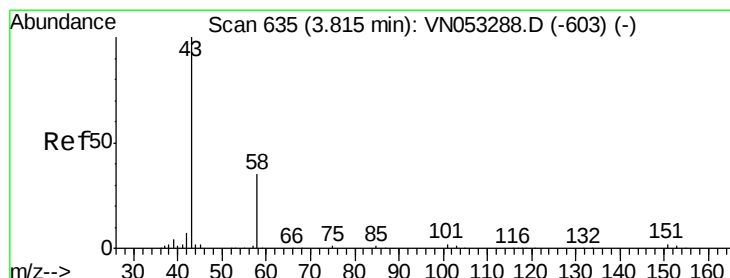
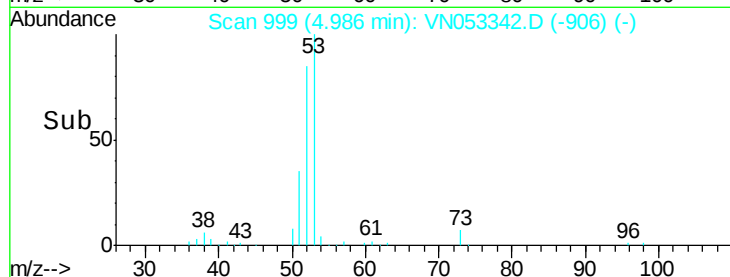
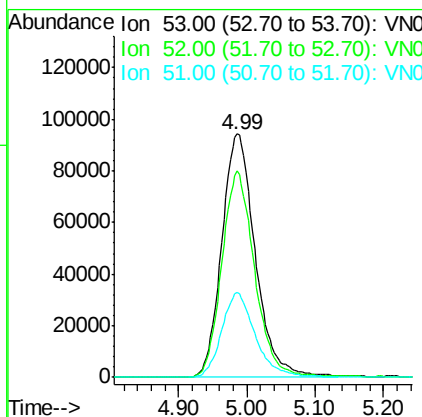
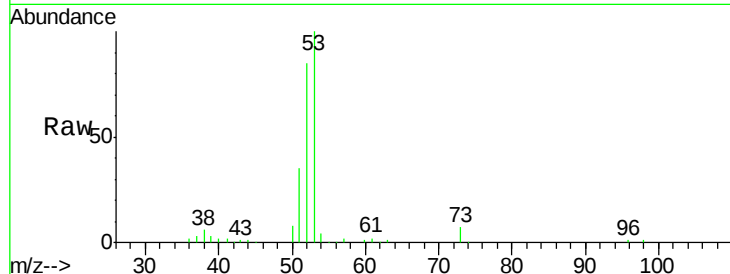
ClientSampleId :

VN0110WBSD02

Tot Ion:	53	Resp:	321966
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.2	97.8
51	35.0	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 89.947 ug/l

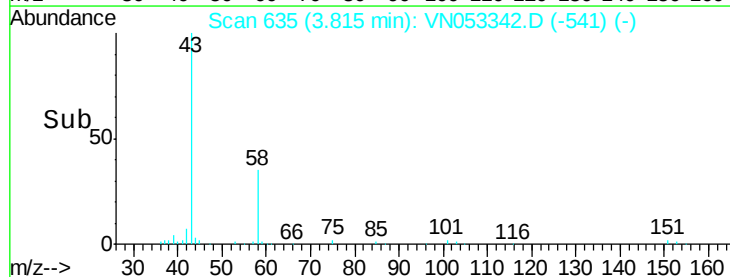
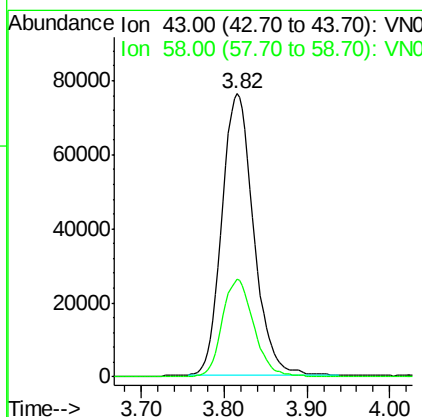
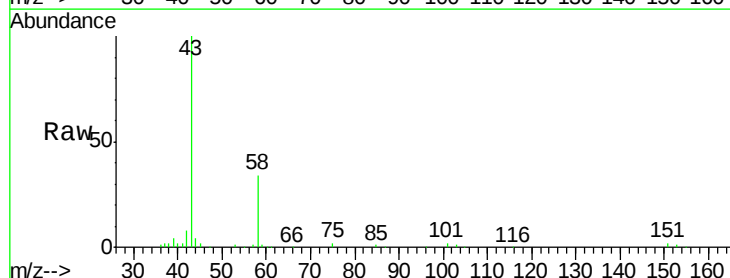
RT: 3.82 min Scan# 635

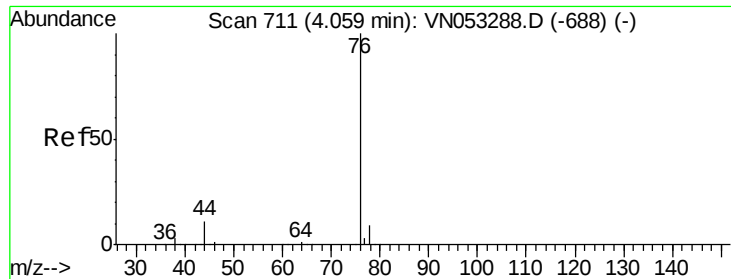
Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tgt Ion:	43	Resp:	201516
Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.8	41.6





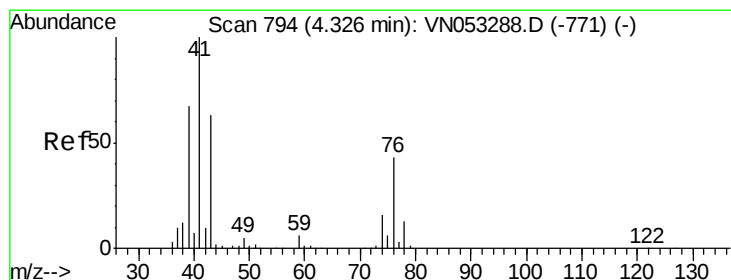
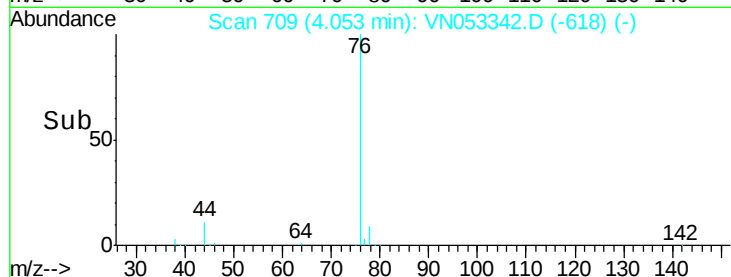
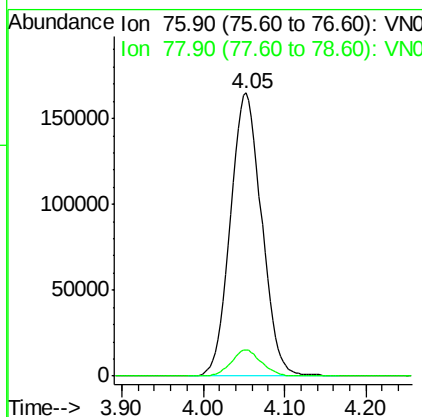
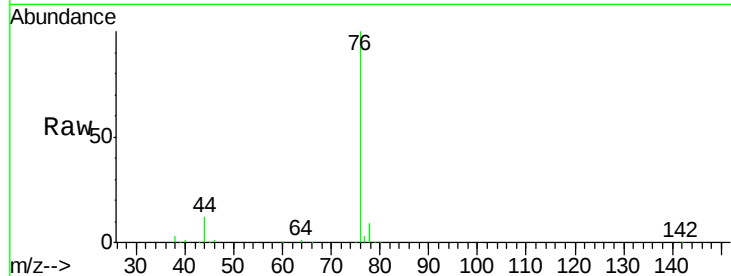
#17
Carbon Disulfide
Concen: 17.410 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.01 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

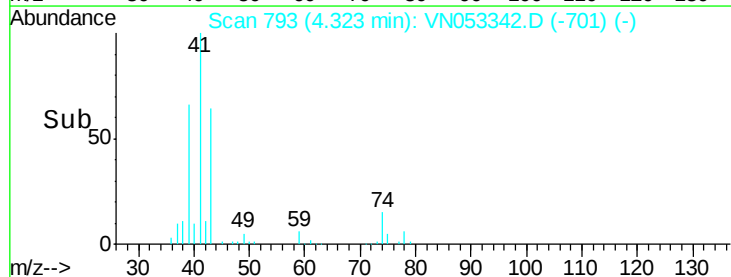
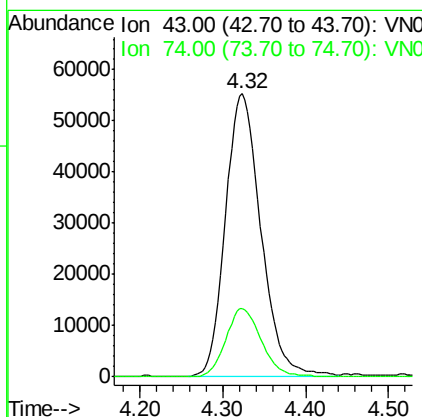
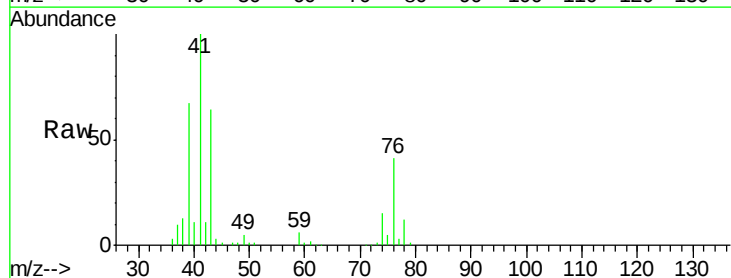
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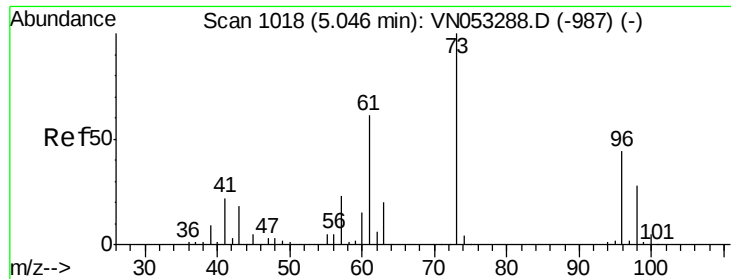
MMDadoda
1/11/2019 10:12:01 AM



#18
Methyl Acetate
Concen: 19.947 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.8	29.8





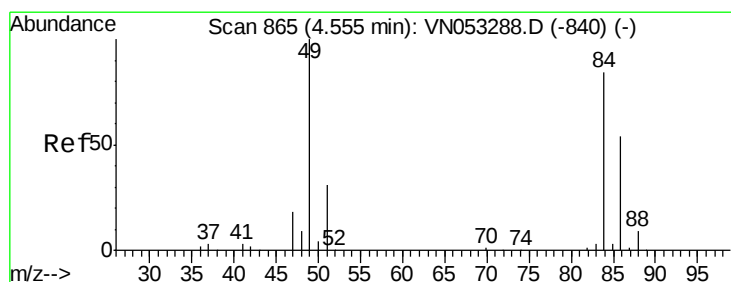
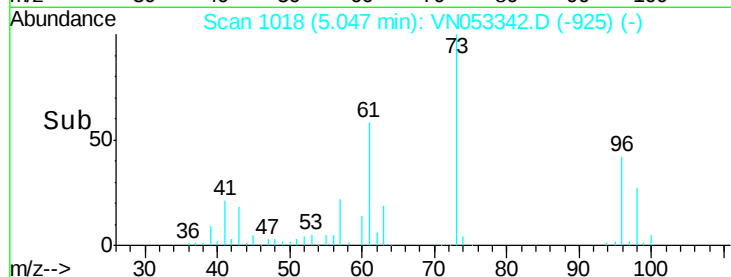
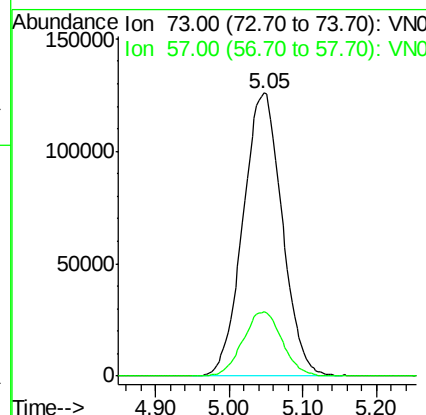
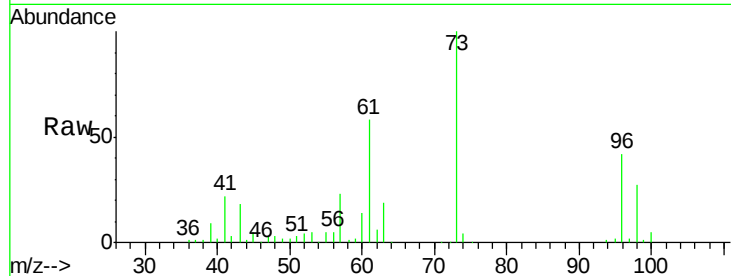
#19
Methvl tert-butvl Ether
Concen: 20.223 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion: 73 Resp: 466425
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

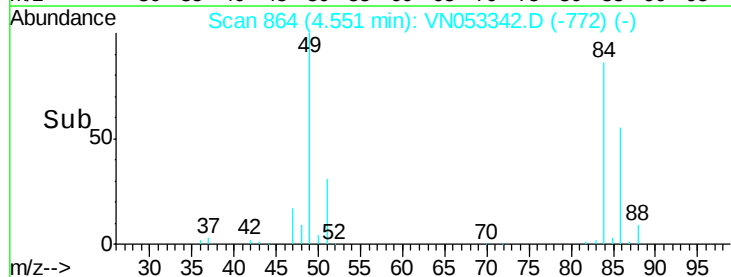
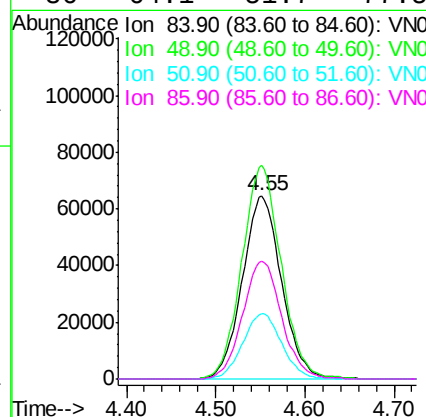
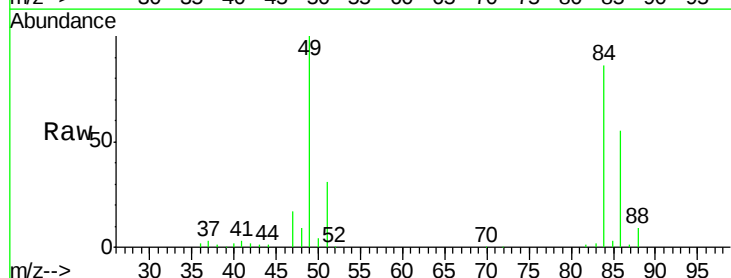
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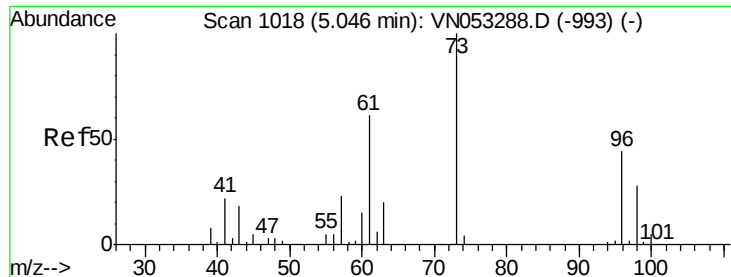
MMDadoda
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#20
Methylene Chloride
Concen: 20.050 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 84 Resp: 197317
Ion Ratio Lower Upper
84 100
49 116.3 95.3 142.9
51 35.5 29.0 43.6
86 64.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.400 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion: 96 Resp: 171184

Ion Ratio Lower Upper

96 100

61 141.7 110.2 165.4

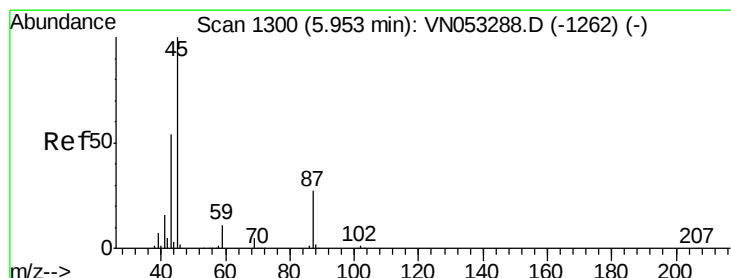
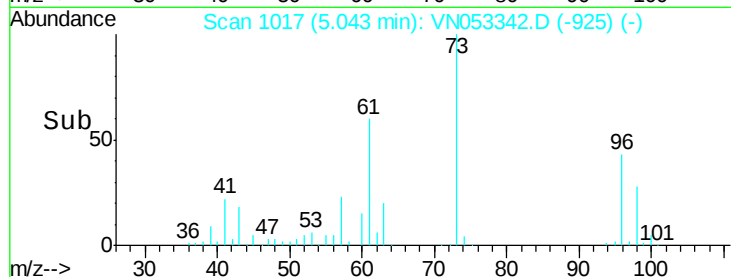
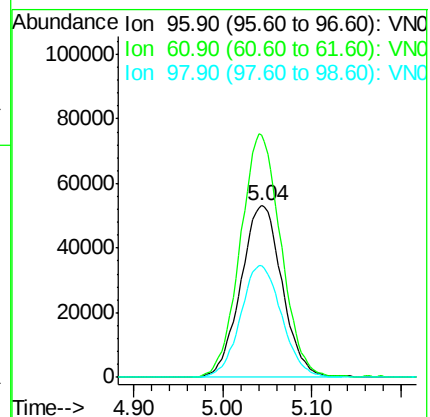
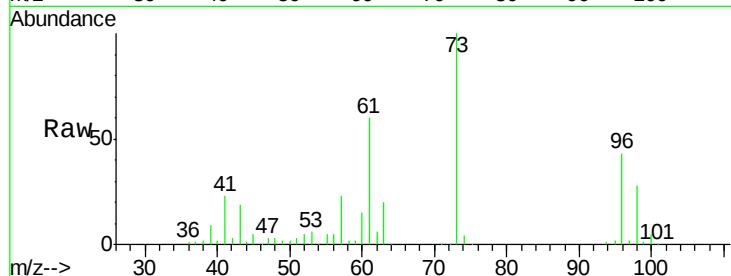
98 65.3 50.7 76.1

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#22

Diisopropyl ether

Concen: 20.494 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tgt Ion: 45 Resp: 584771

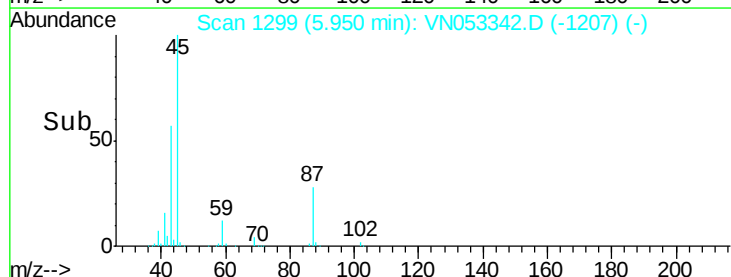
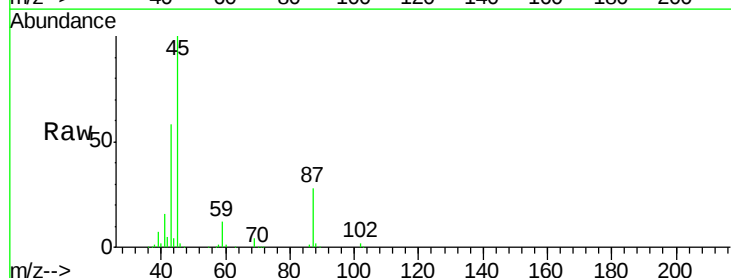
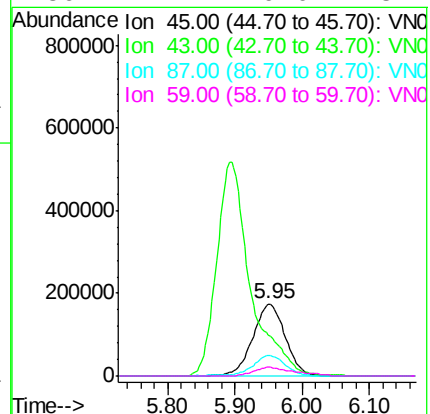
Ion Ratio Lower Upper

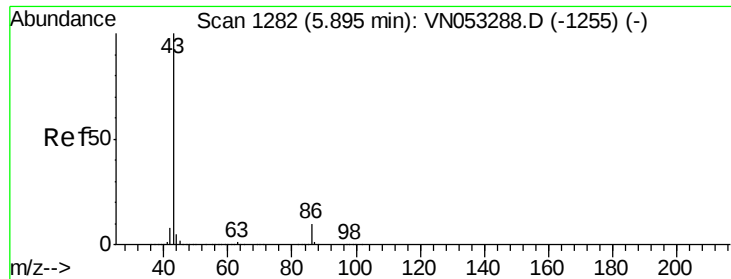
45 100

43 56.5 43.0 64.6

87 28.4 22.1 33.1

59 12.1 9.0 13.4





#23

Vinyl Acetate

Concen: 100.726 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion: 43 Resp: 1808445

Ion Ratio Lower Upper

43 100

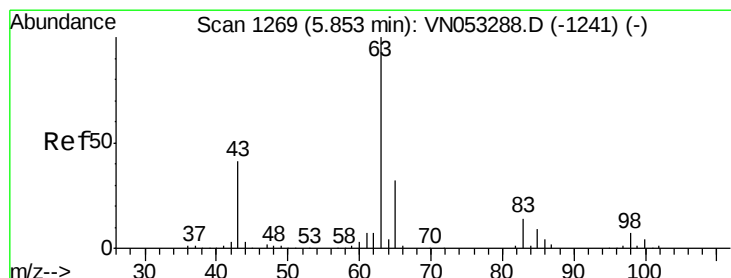
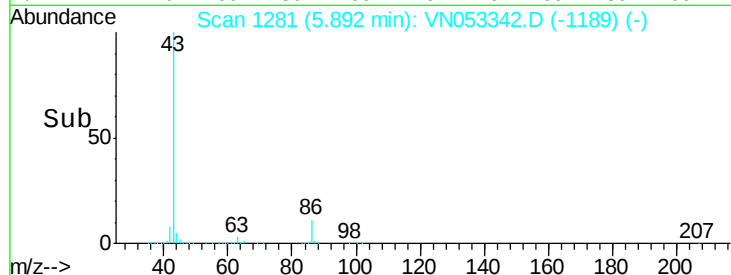
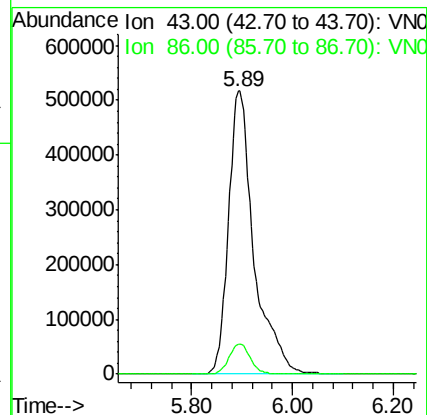
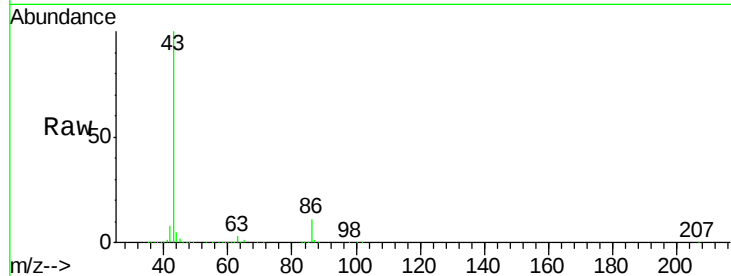
86 10.7 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.175 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

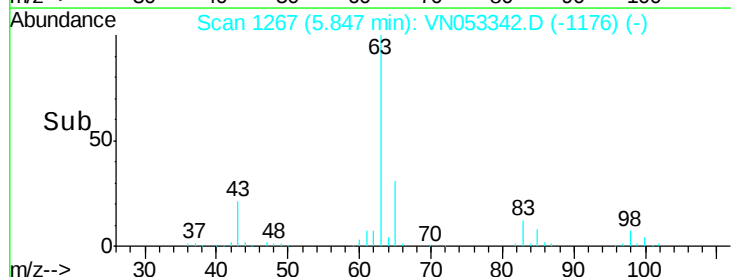
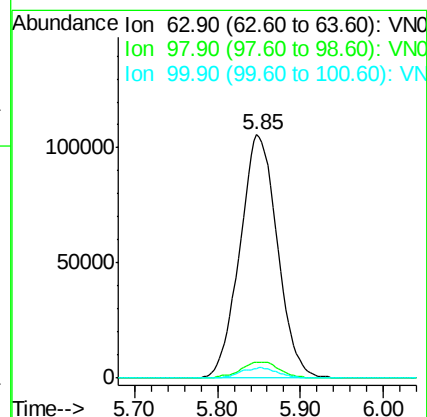
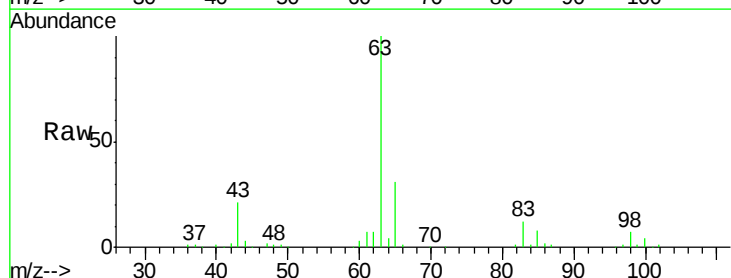
Tgt Ion: 63 Resp: 332026

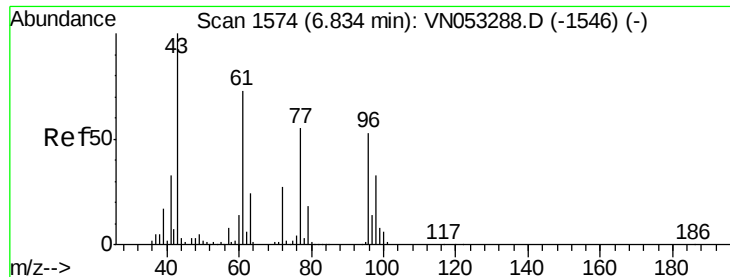
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 93.355 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleID :

VN0110WBSD02

Tot Ion: 43 Resp: 350945

Ion Ratio Lower Upper

43 100

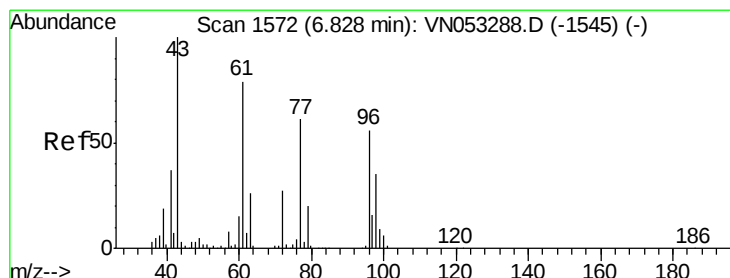
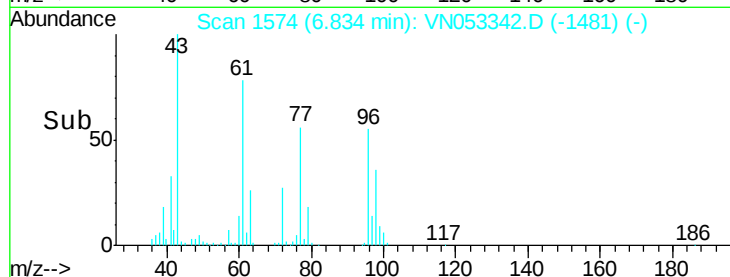
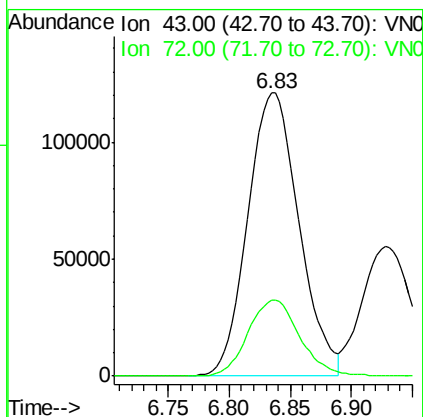
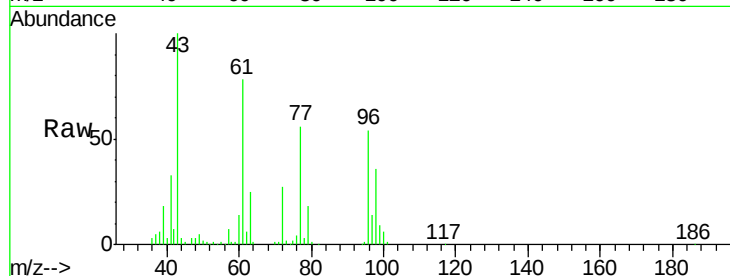
72 27.0 22.0 33.0

Manual Integrations

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MMDadoda

1/11/2019 10:12:01 AM



#26

2,2-Dichloropropane

Concen: 19.691 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN053342.D

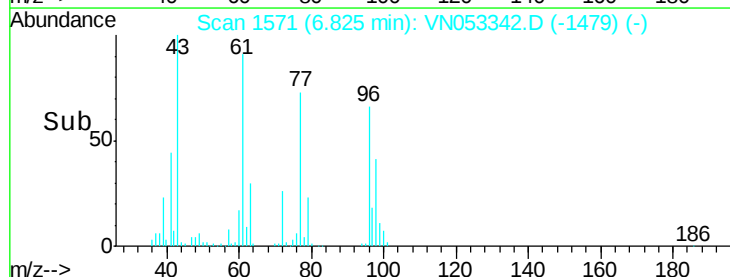
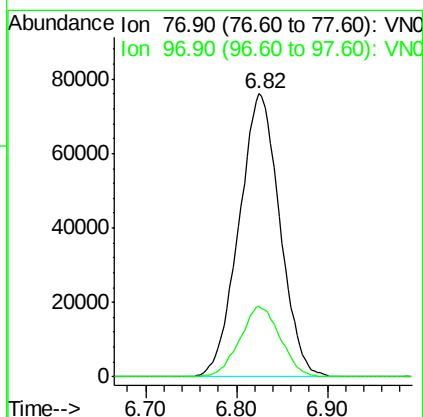
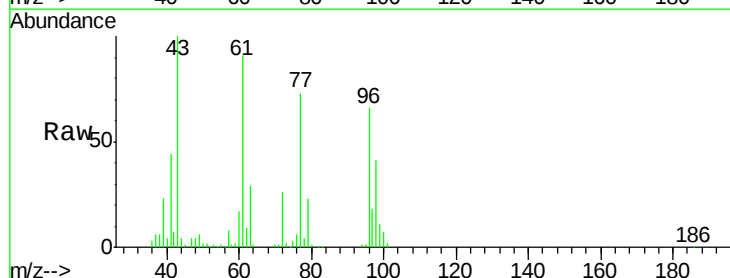
Acq: 10 Jan 2019 15:28

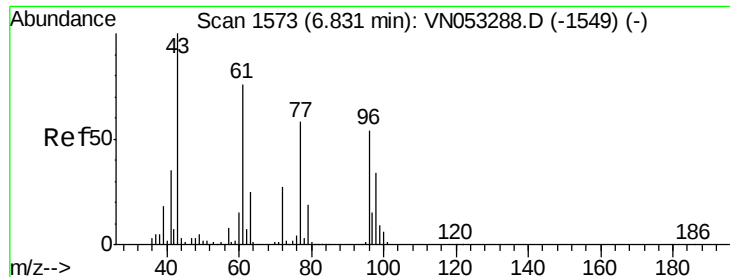
Tgt Ion: 77 Resp: 236880

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 20.180 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

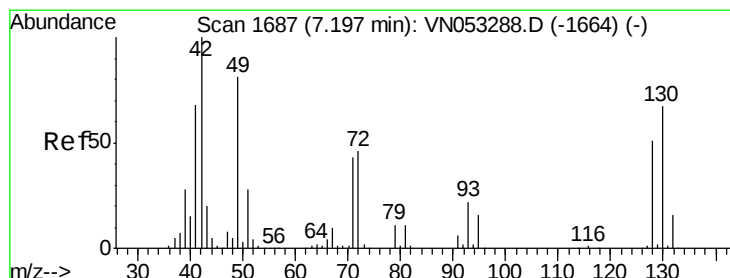
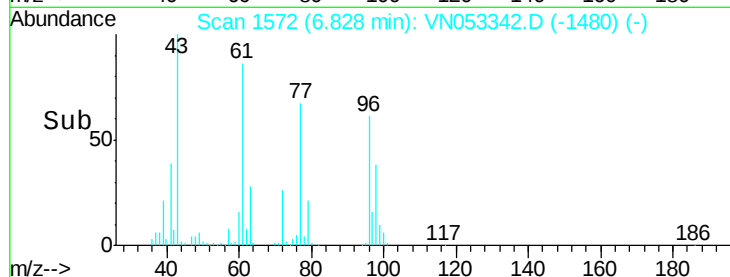
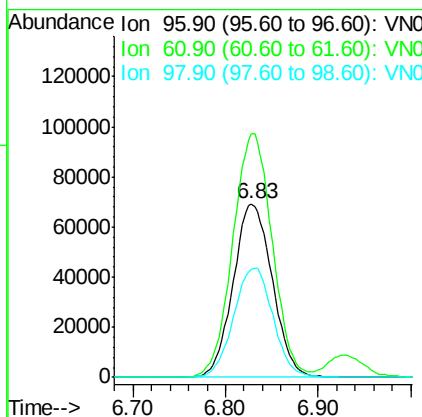
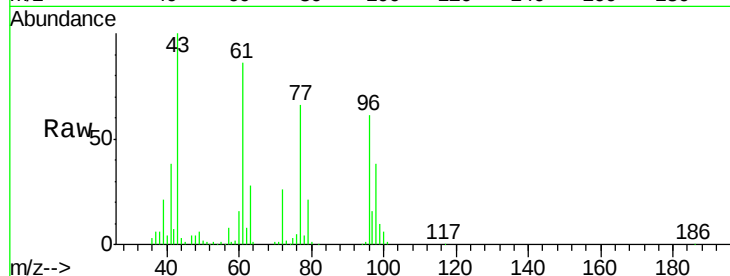
ClientSampleId :

VN0110WBSD02

Tot Ion:	96	Resp:	203344
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	280.6
98	63.5	0.0	127.6

Manual Integrations
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#28

Bromochloromethane

Concen: 20.263 ug/l

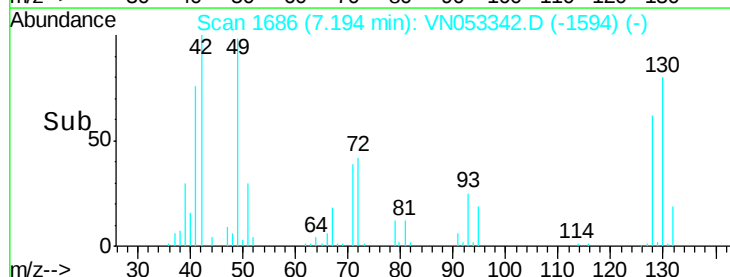
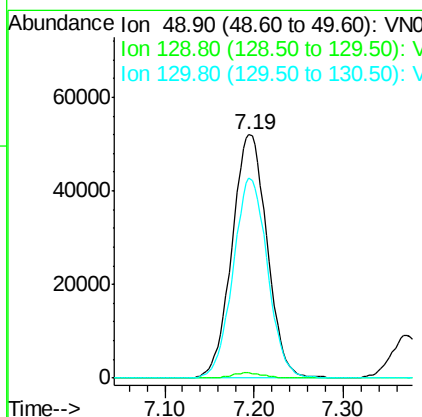
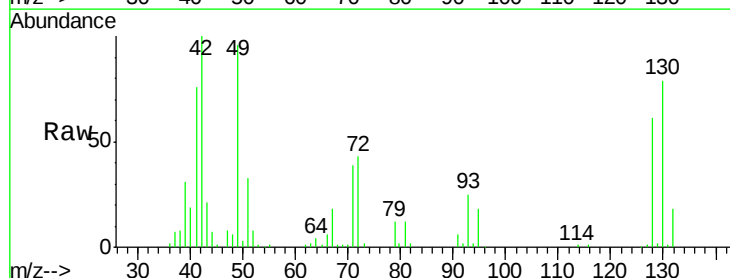
RT: 7.19 min Scan# 1686

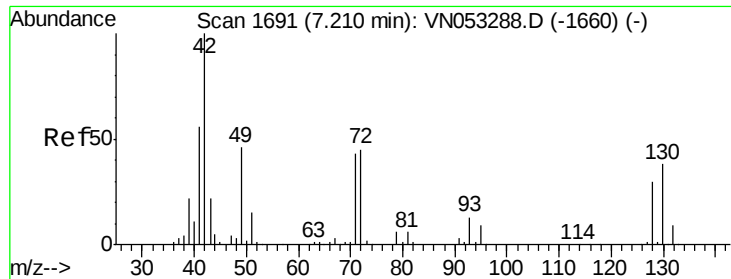
Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tgt Ion:	49	Resp:	142108
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	80.6	65.4	98.0





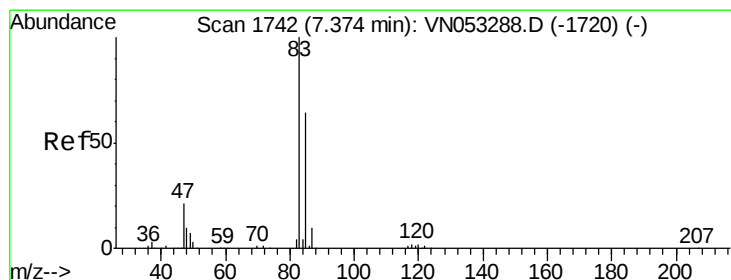
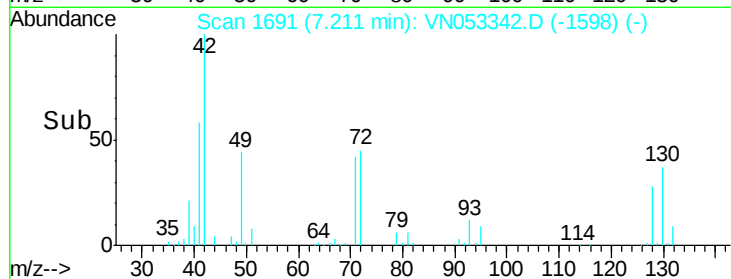
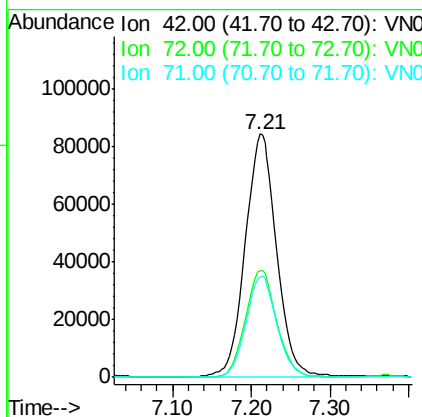
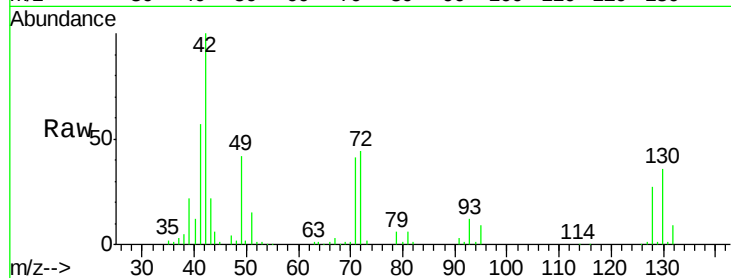
#29
Tetrahydrofuran
Concen: 96.391 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.6	53.4
71	40.9	33.8	50.8

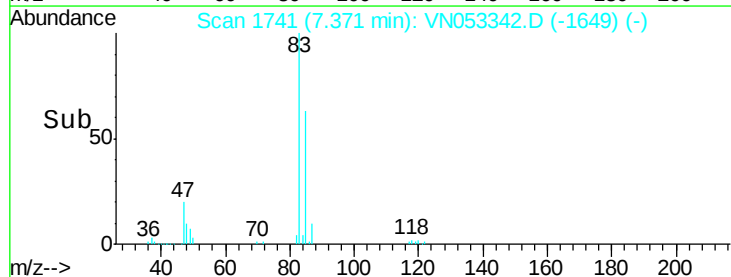
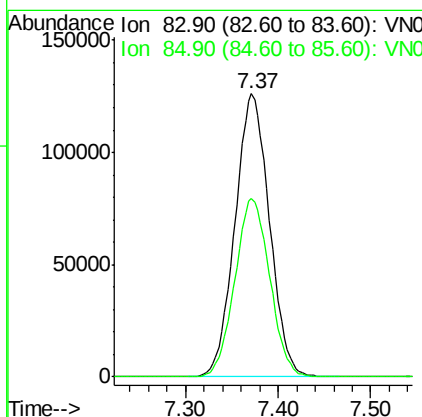
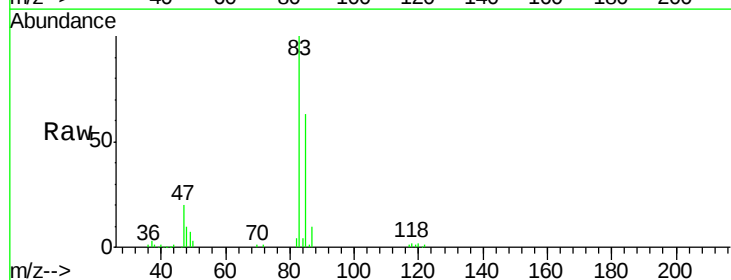
Manual Integrations
APPROVED

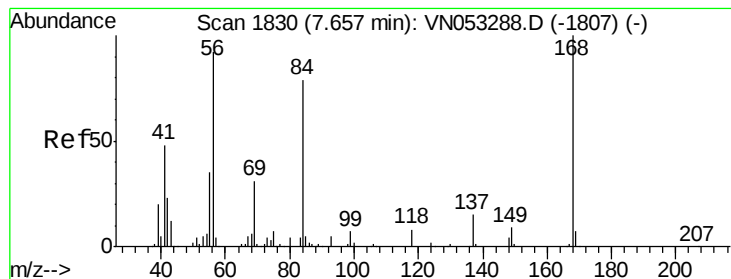
MMDadoda
1/11/2019 10:12:01 AM



#30
Chloroform
Concen: 20.078 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.3	76.9





#31

Cyclohexane

Concen: 20.095 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

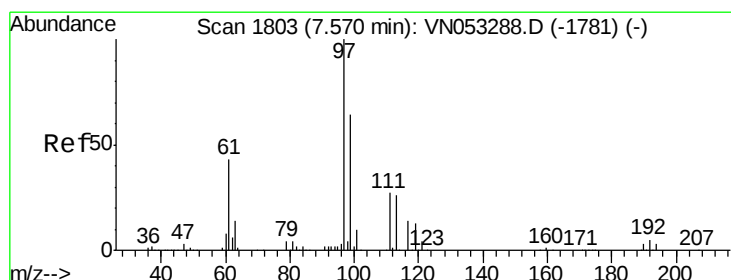
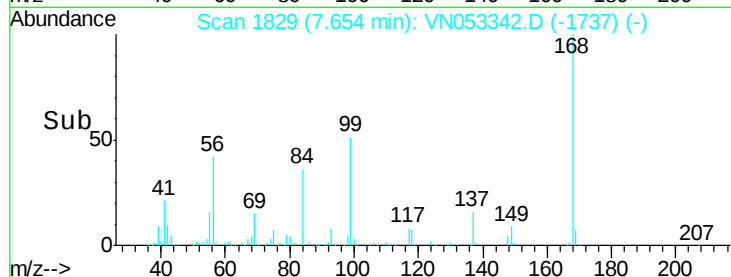
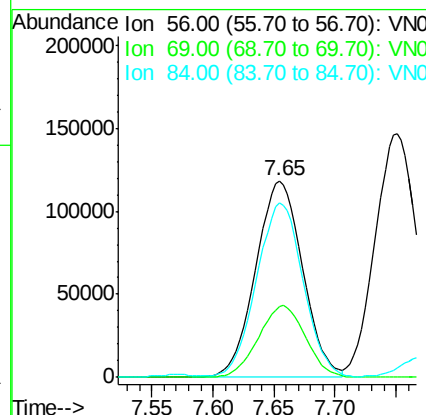
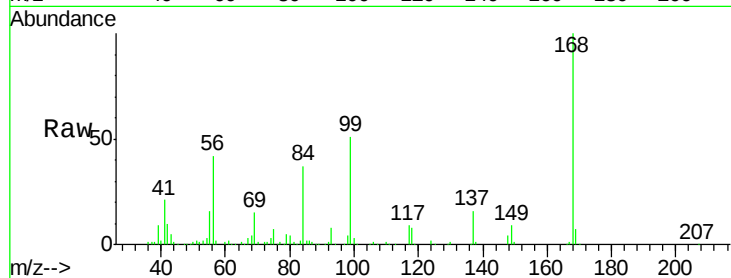
ClientSampleId :

VN0110WBSD02

Tot Ion:	56	Resp:	316082
Ion	Ratio	Lower	Upper
56	100		
69	35.7	26.7	40.1
84	87.7	68.2	102.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.720 ug/l

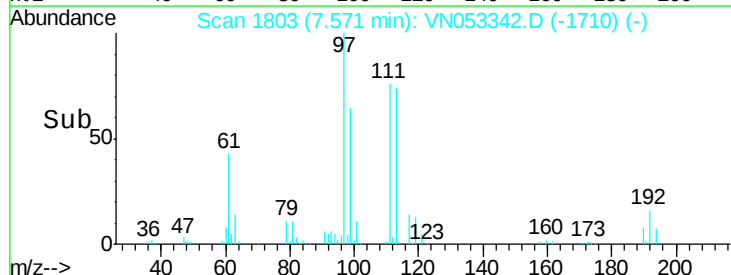
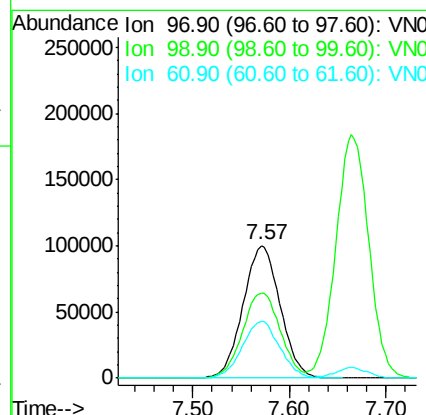
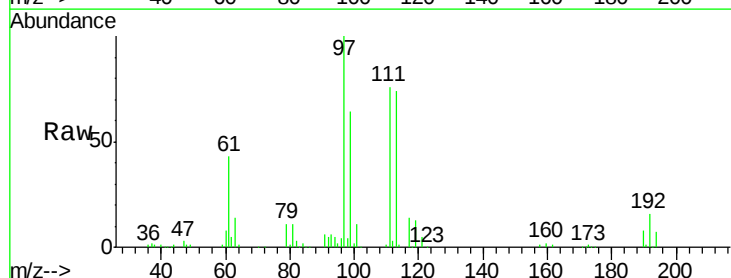
RT: 7.57 min Scan# 1803

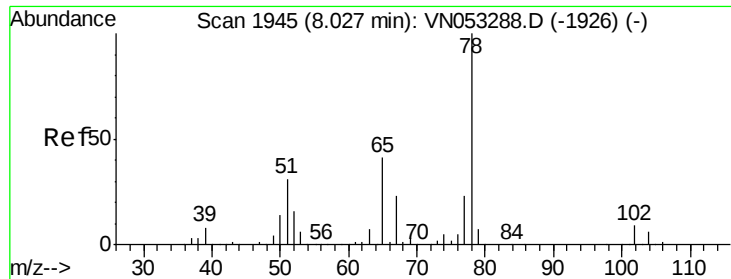
Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tgt Ion:	97	Resp:	266177
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.6	77.4
61	43.3	34.6	52.0





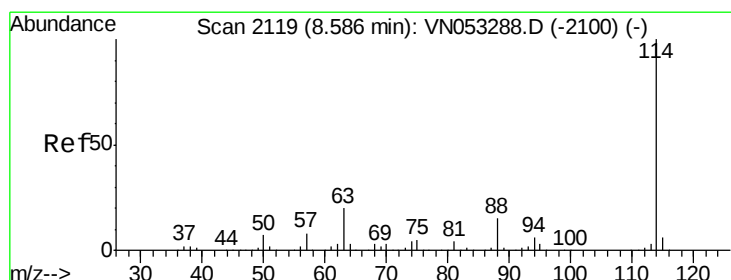
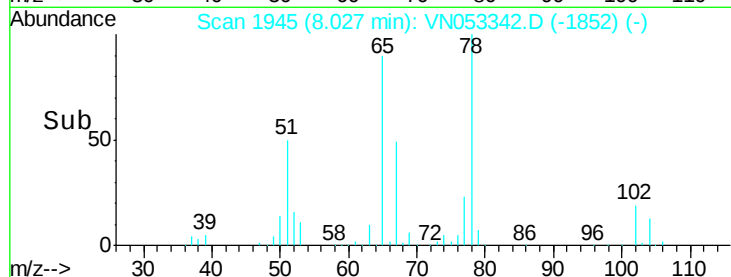
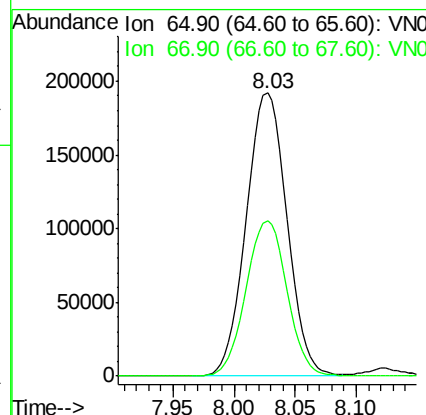
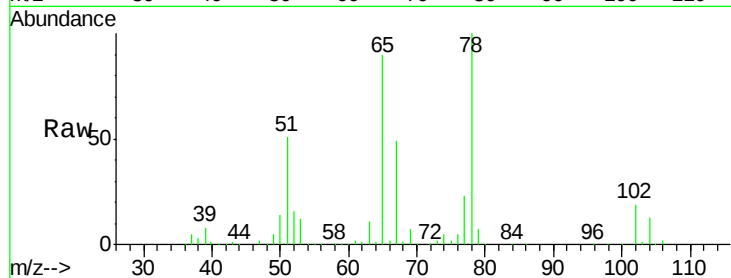
#33
 1,2-Dichloroethane-d4
 Concen: 19.720 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	444918		
67	55.1	0.0	111.0	

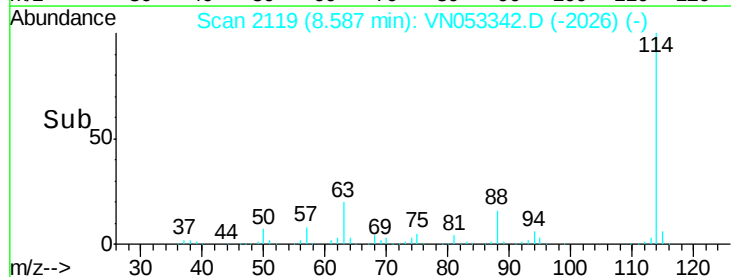
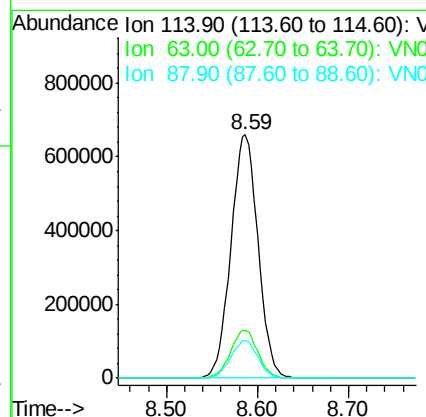
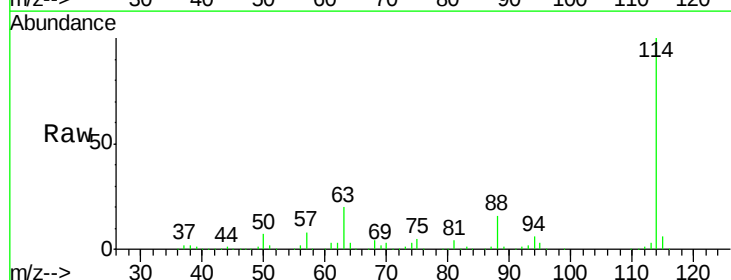
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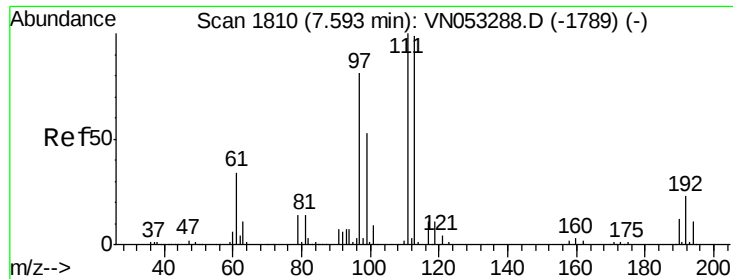
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 1/11/2019 10:12:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1361096		
63	19.7	0.0	39.0	
88	15.6	0.0	30.8	





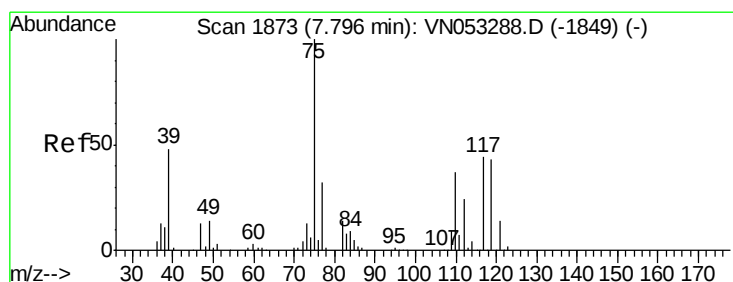
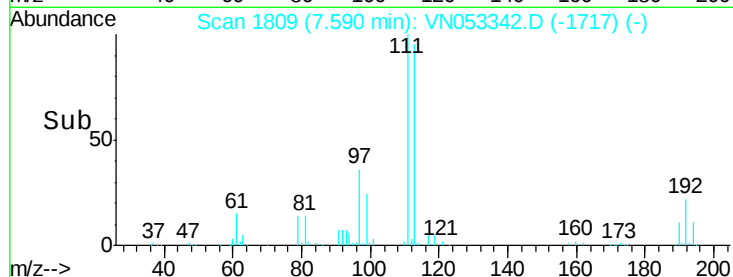
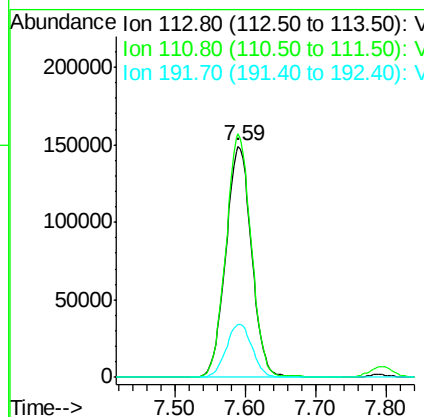
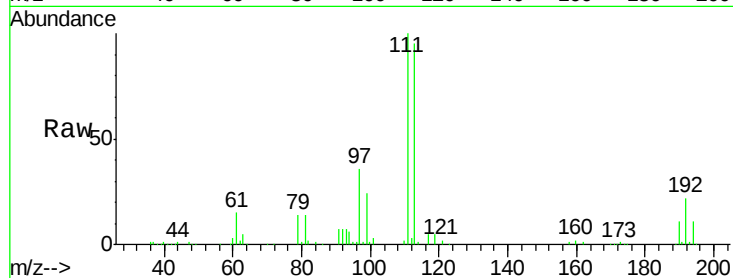
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.8	81.4	122.2	
192	23.2	17.9	26.9	

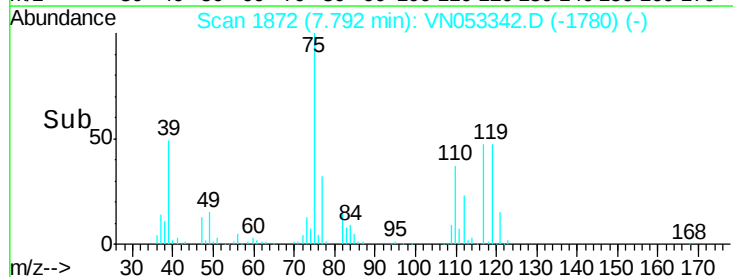
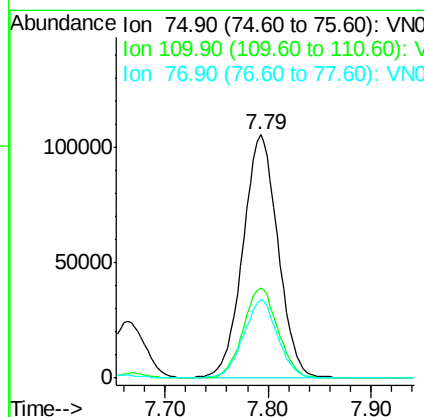
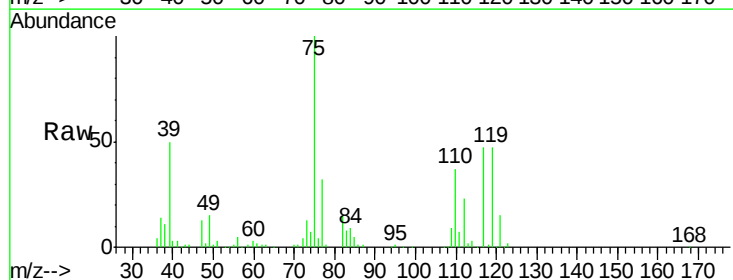
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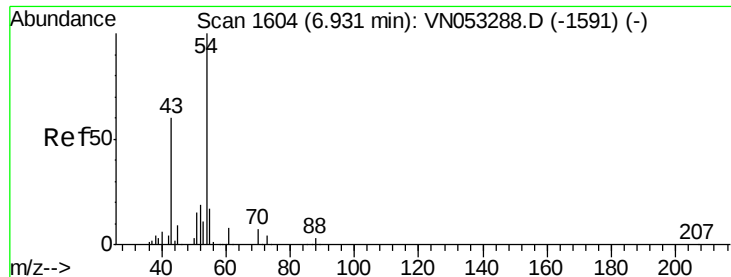
MMDadoda
1/11/2019 10:12:01 AM



#36
1,1-Dichloropropene
Concen: 19.458 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.0	18.4	55.0	
77	31.6	25.3	37.9	





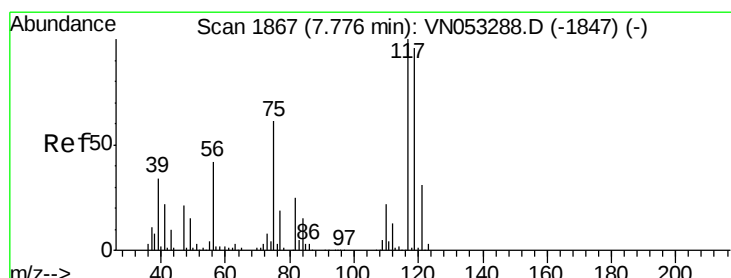
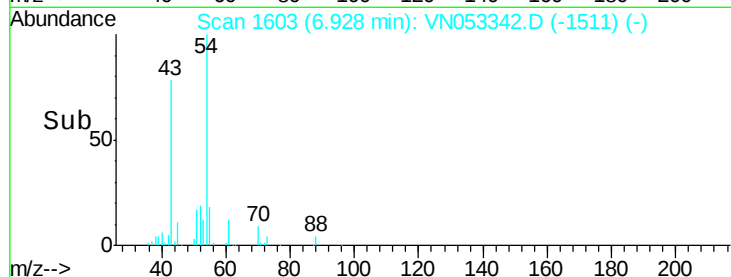
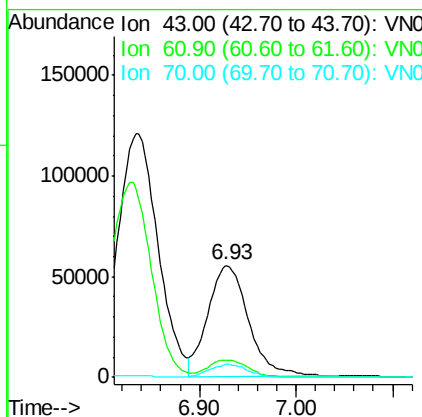
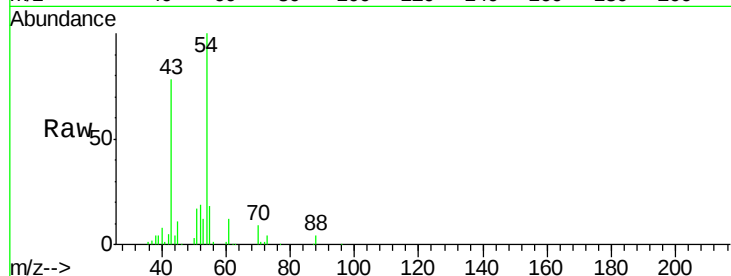
#37
Ethyl Acetate
Concen: 19.476 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.9	17.9
70	11.2	8.6	13.0

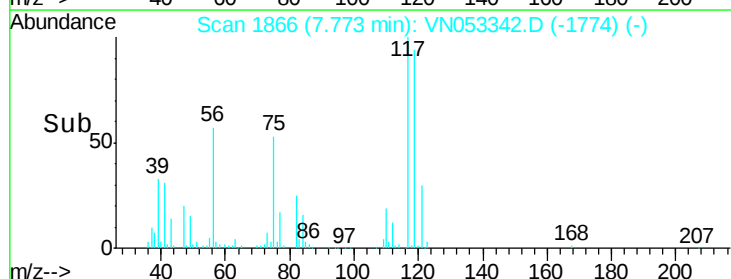
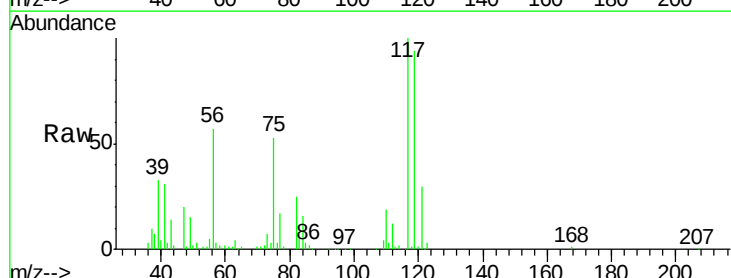
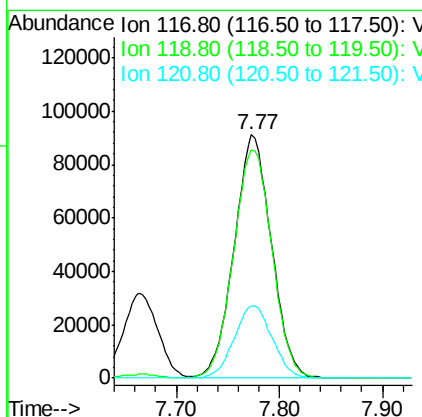
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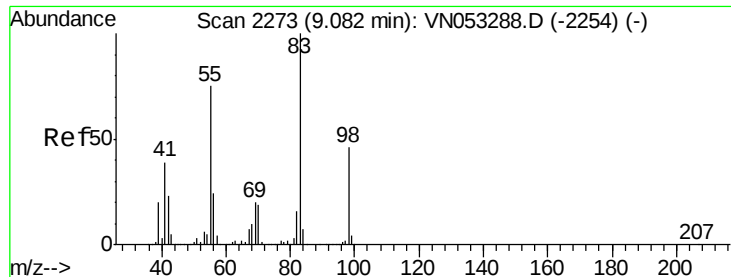
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#38
Carbon Tetrachloride
Concen: 19.538 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.6	115.0
121	29.6	25.0	37.4





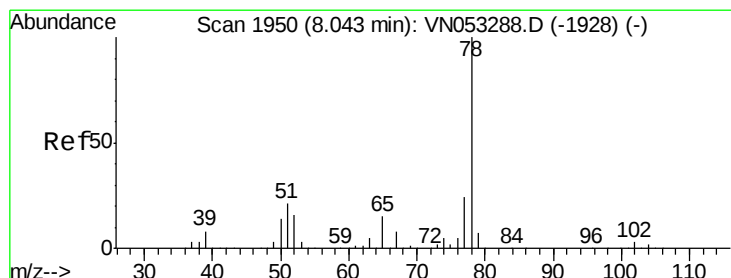
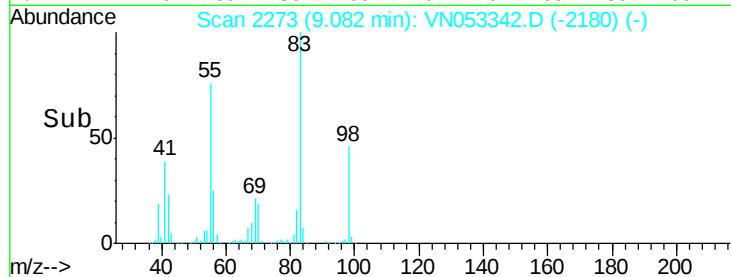
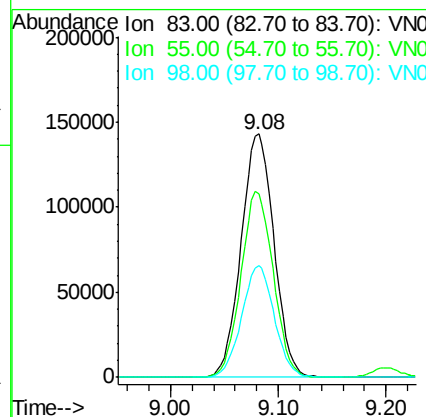
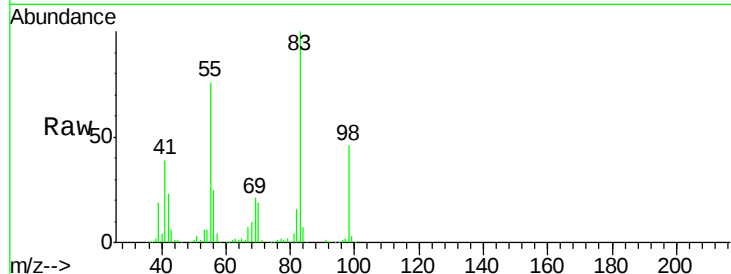
#39
Methvlcvclohexane
Concen: 20.661 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.6	60.1	90.1	
98	46.1	36.7	55.1	

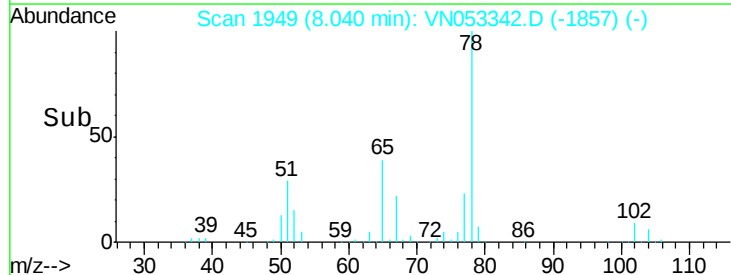
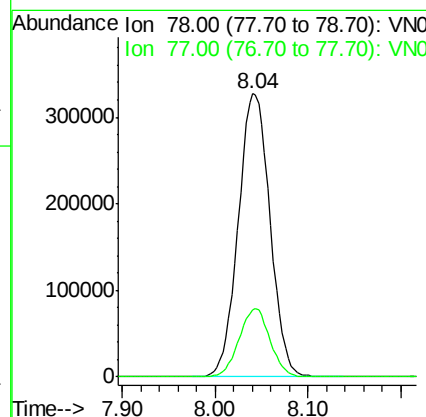
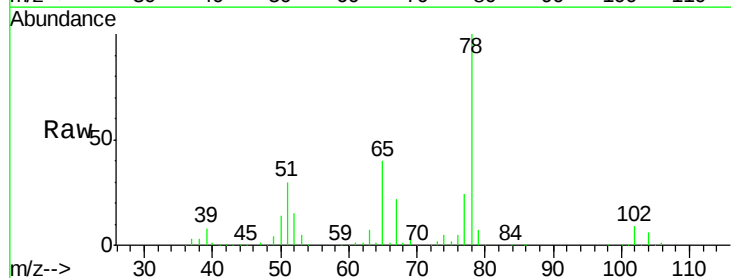
Manual Integrations
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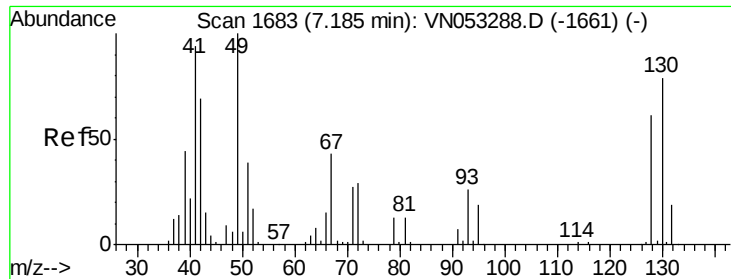
MMDadoda
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#40
Benzene
Concen: 19.994 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	19.0	28.4	





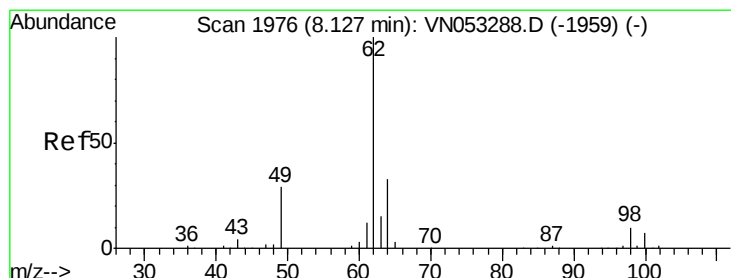
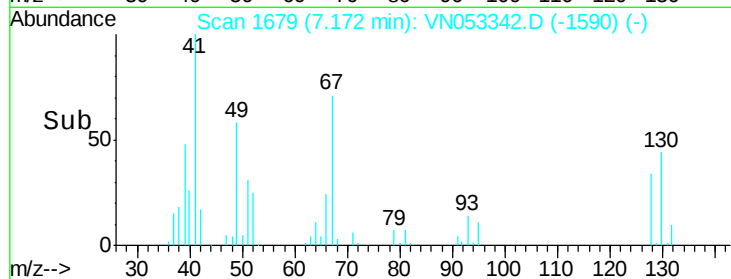
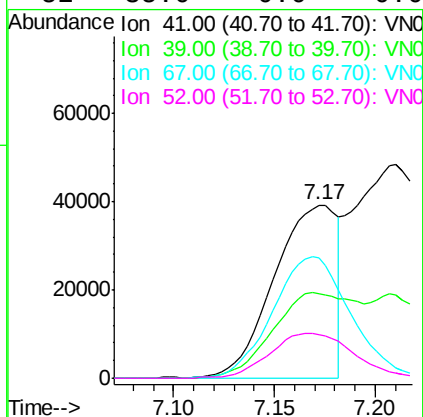
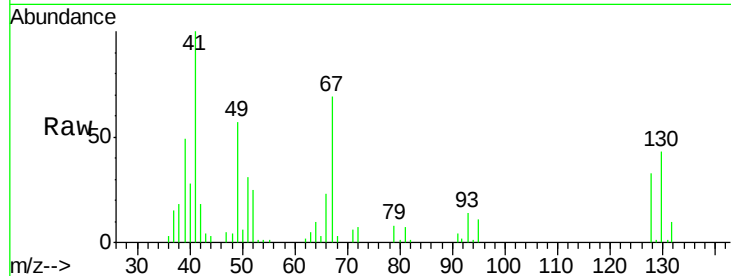
#41
Methacrylonitrile
Concen: 16.506 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.8	0.0	0.0#
67	87.7	0.0	0.0#
52	35.0	0.0	0.0#

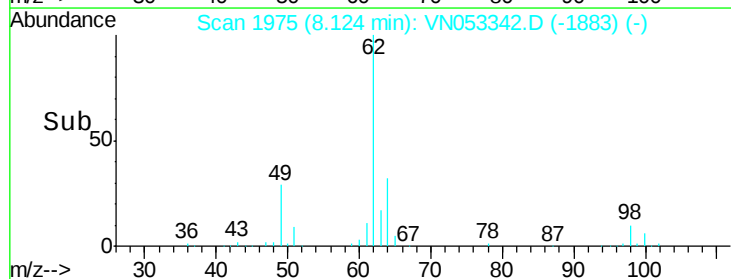
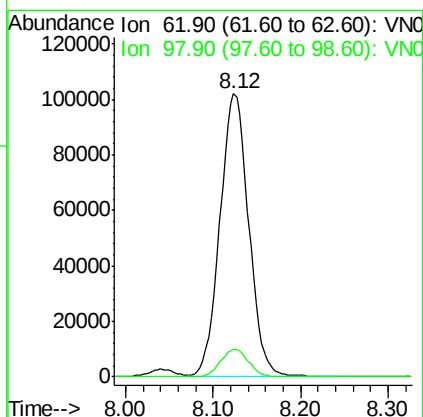
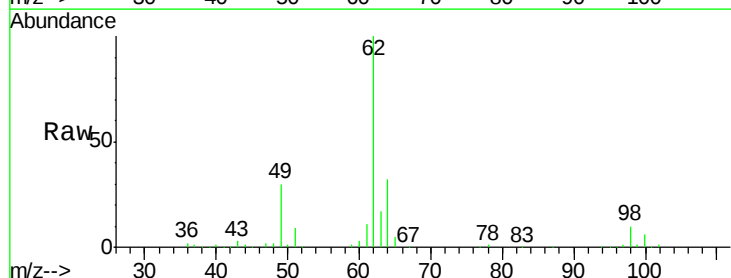
Manual Integrations
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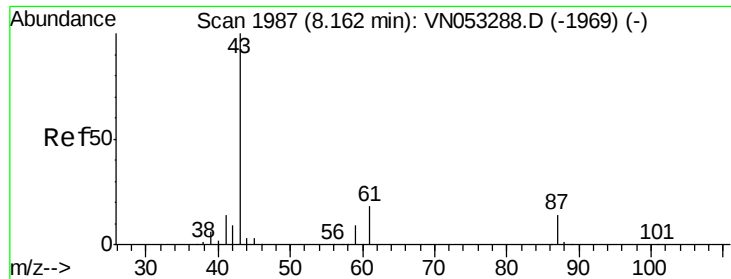
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.194 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 18.499 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

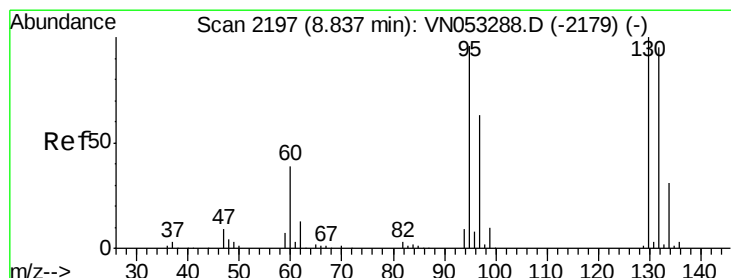
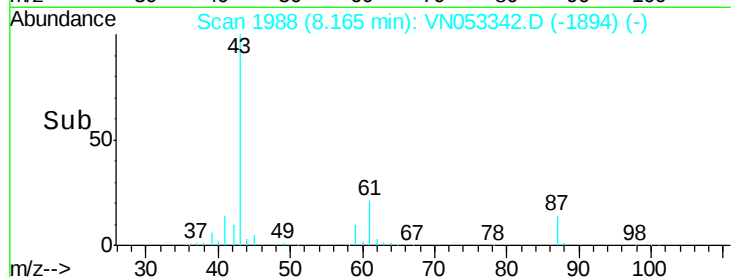
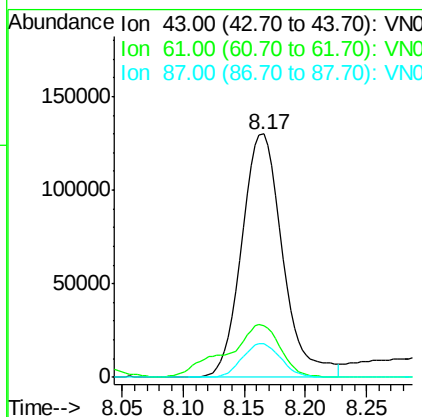
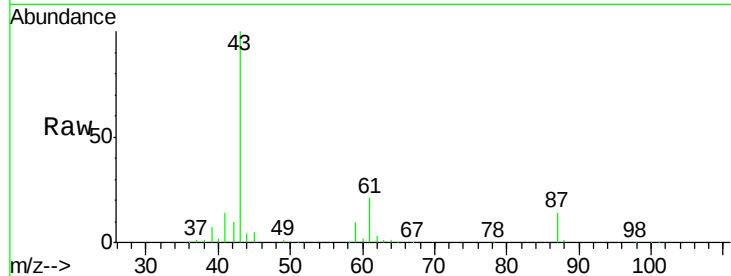
ClientSampleId :

VN0110WBSD02

Tot Ion:	43	Resp:	301198
Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.3	34.9
87	13.1	10.8	16.2

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#44

Trichloroethene

Concen: 19.788 ug/l

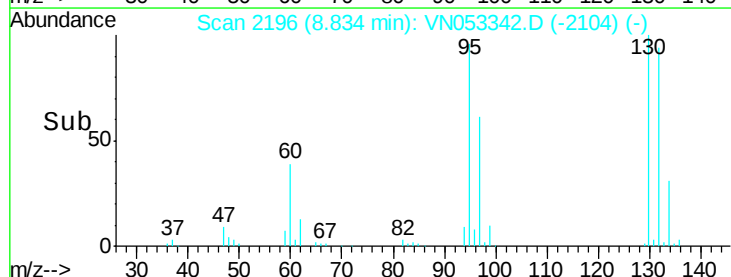
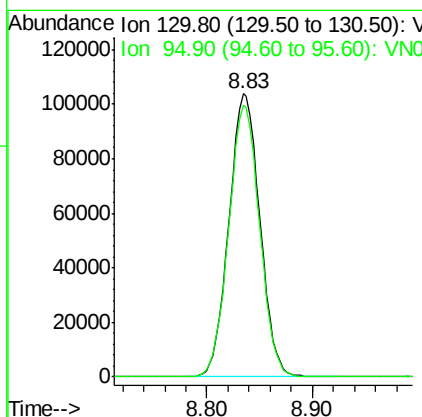
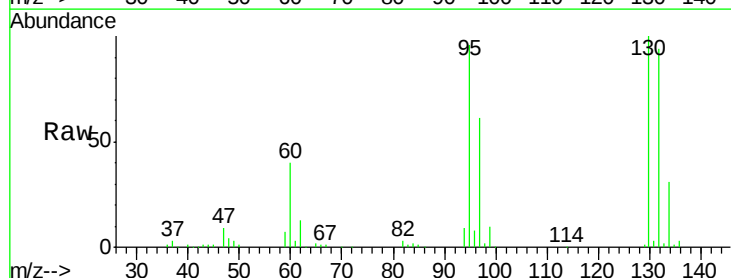
RT: 8.83 min Scan# 2196

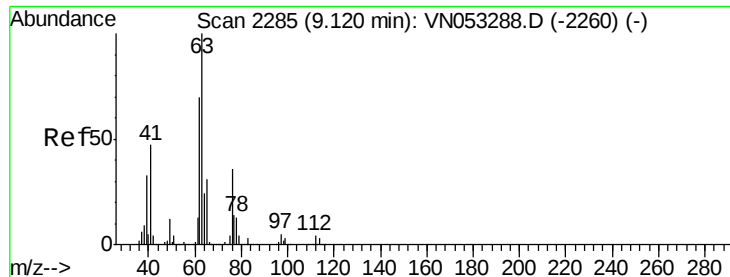
Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tgt Ion:	130	Resp:	210898
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	191.8





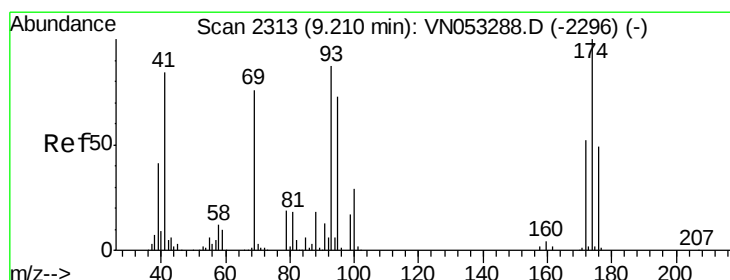
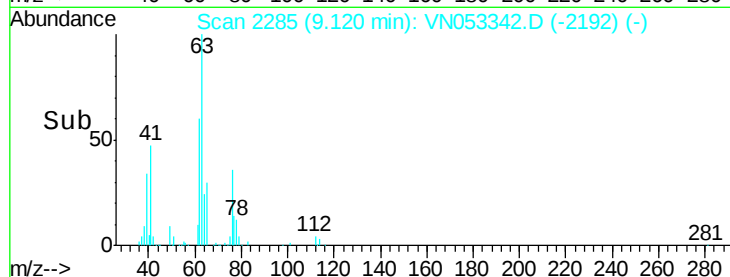
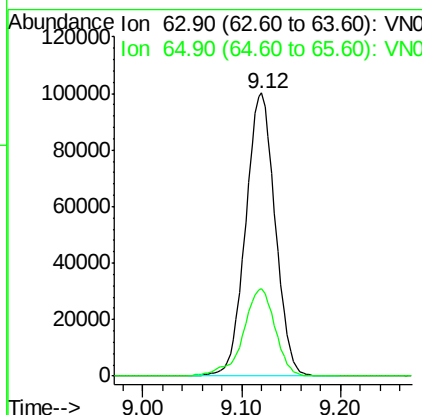
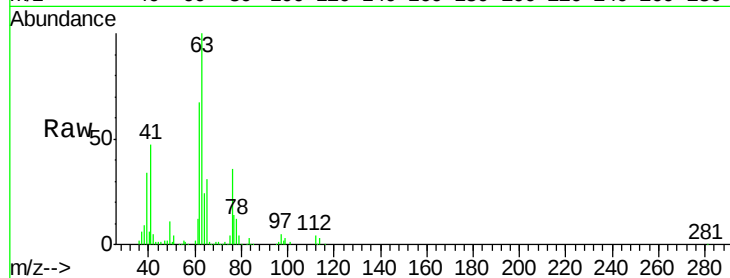
#45
 1,2-Dichloropropane
 Concen: 20.286 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD02

Tot Ion: 63 Resp: 206517
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6

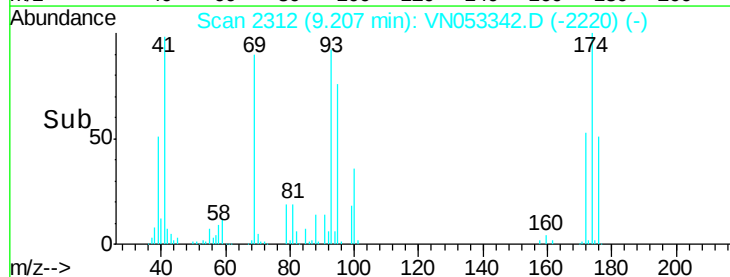
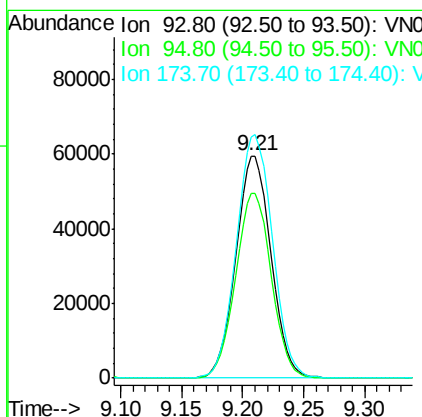
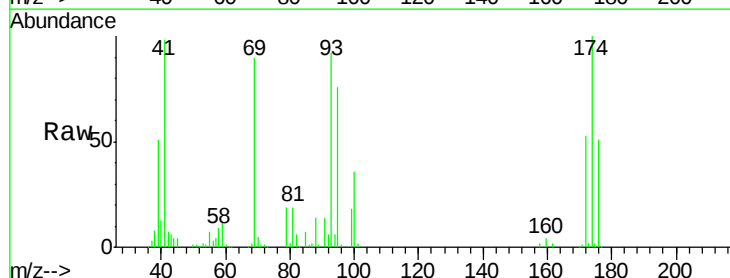
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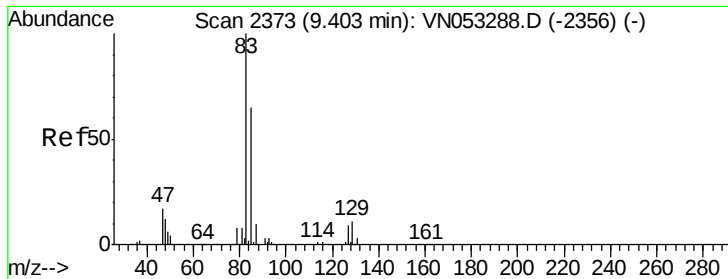
MMDadoda
 1/11/2019 10:12:01 AM



#46
 Dibromomethane
 Concen: 20.021 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 93 Resp: 118835
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.6 100.0
 174 112.6 91.4 137.0





#47

Bromodichloromethane

Concen: 19.462 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

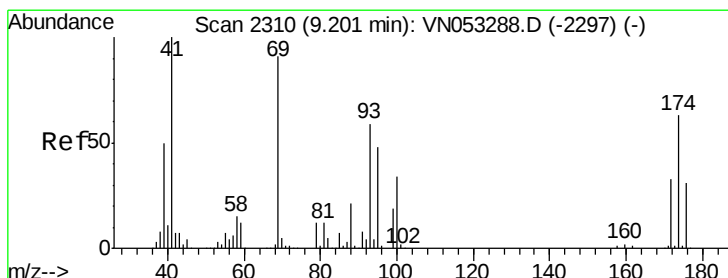
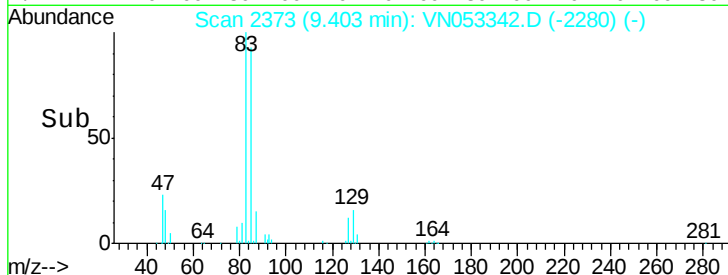
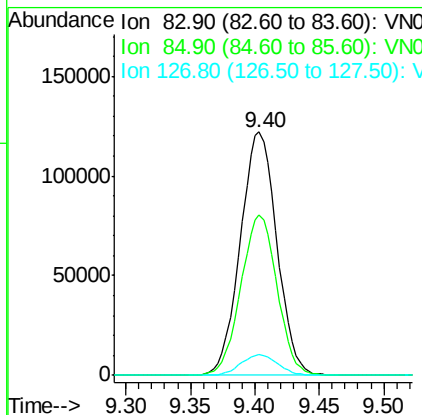
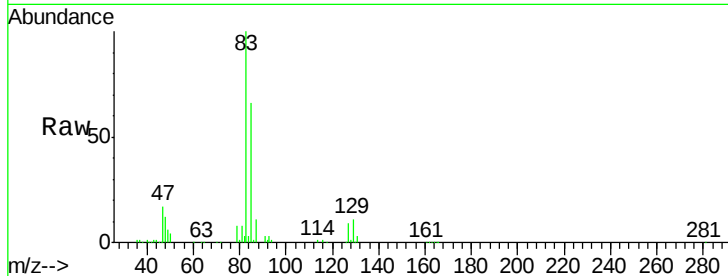
ClientSampleId :

VN0110WBSD02

Tot Ion:	83	Resp:	240742
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.7	77.5
127	8.5	7.0	10.6

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#48

Methyl methacrylate

Concen: 19.651 ug/l

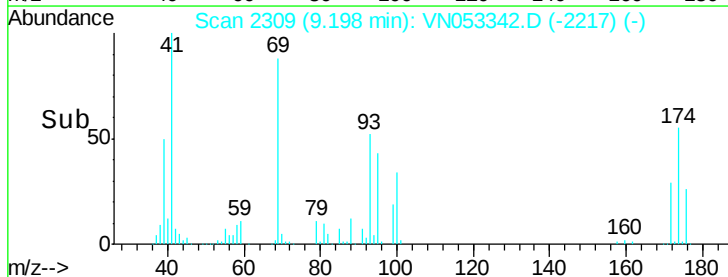
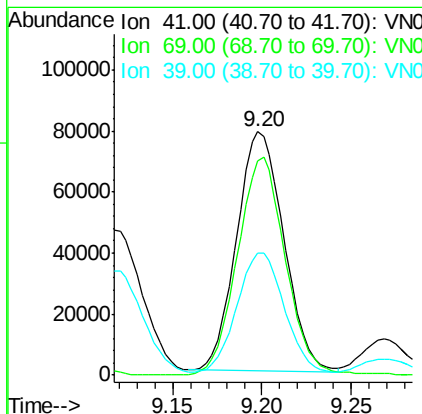
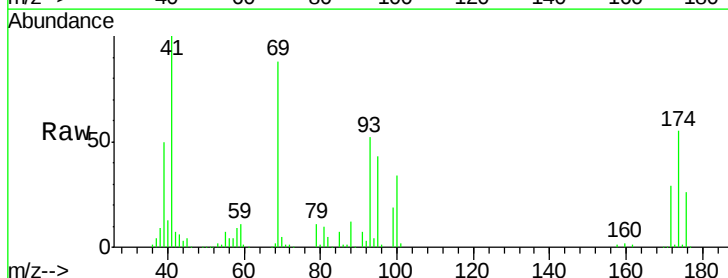
RT: 9.20 min Scan# 2309

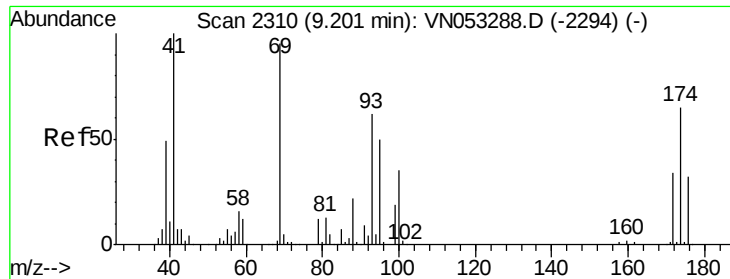
Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tgt Ion:	41	Resp:	145362
Ion Ratio	Lower	Upper	
41	100		
69	92.7	73.5	110.3
39	52.7	41.6	62.4





#49

1,4-Dioxane

Concen: 254.415 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

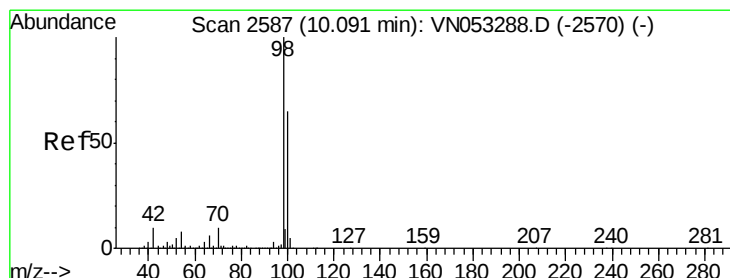
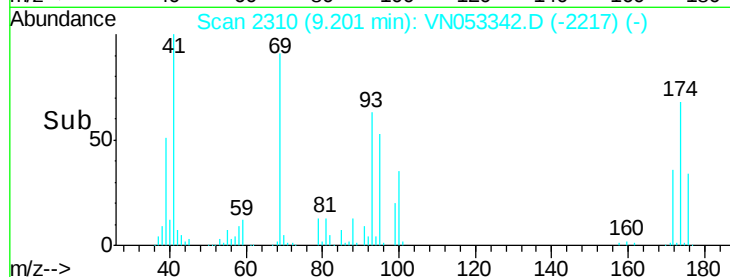
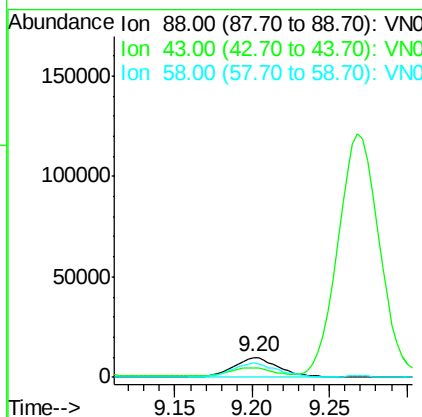
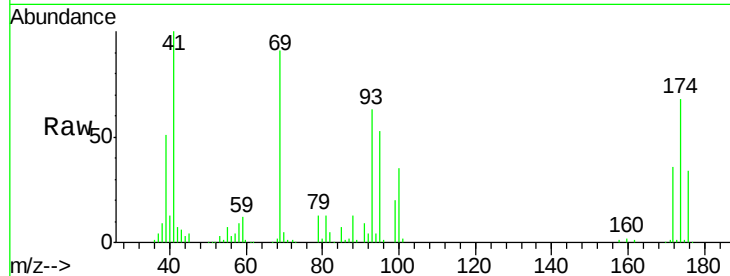
ClientSampleId :

VN0110WBSD02

Tot Ion:	88	Resp:	20051
Ion	Ratio	Lower	Upper
88	100		
43	40.4	26.2	39.4#
58	73.3	55.5	83.3

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#50

Toluene-d8

Concen: 254.415 ug/l

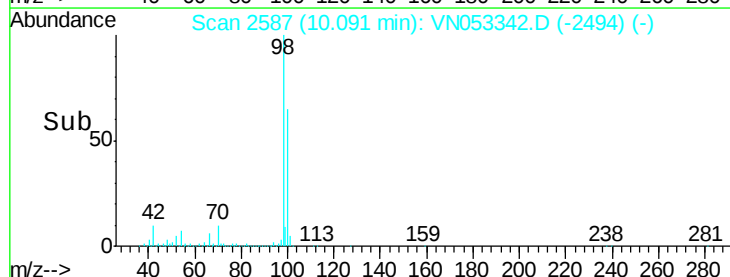
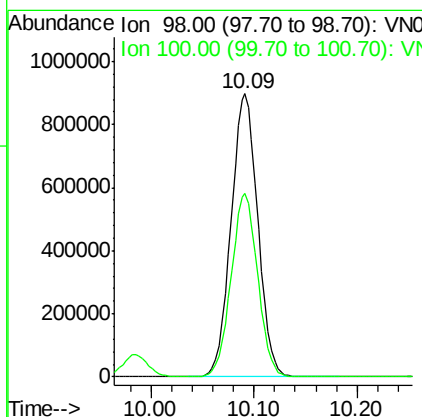
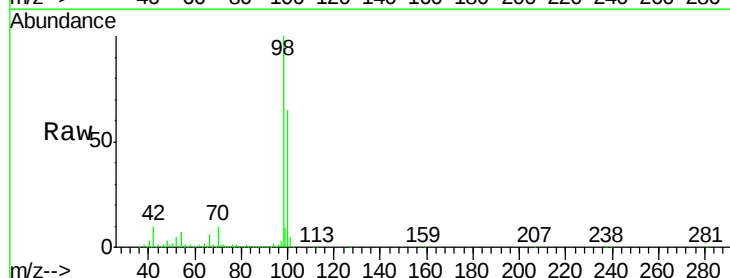
RT: 10.09 min Scan# 2587

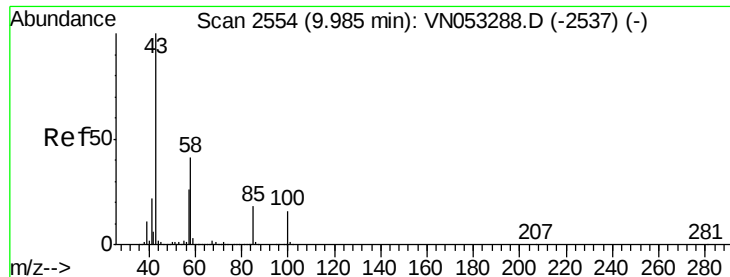
Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tgt Ion:	98	Resp:	1617035
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3





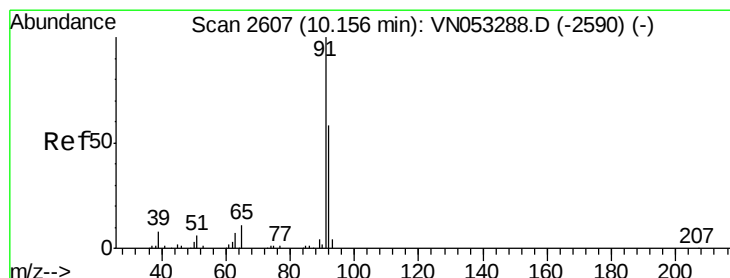
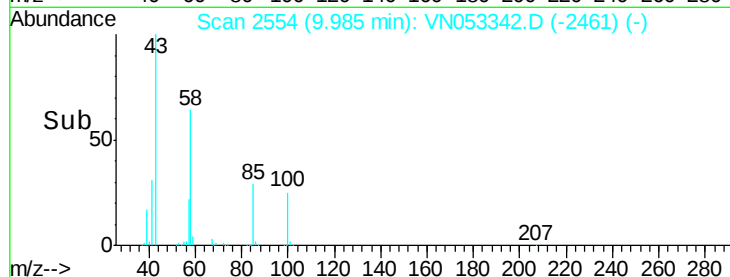
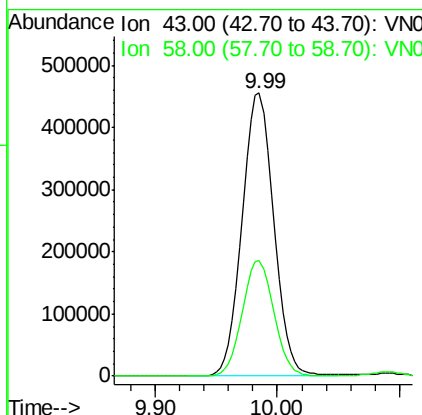
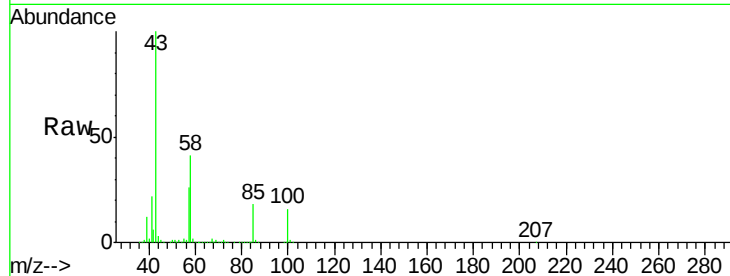
#51
4-Methyl-2-Pentanone
Concen: 99.181 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleID :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.9	32.7	49.1

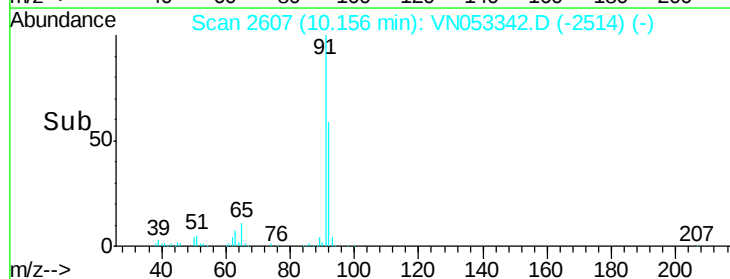
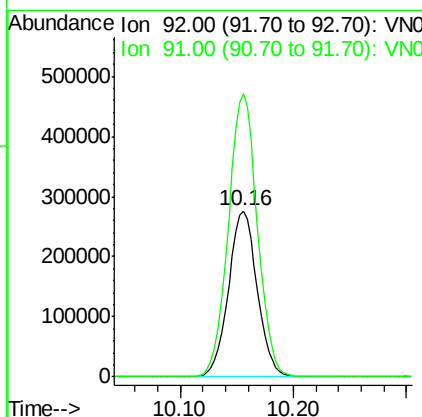
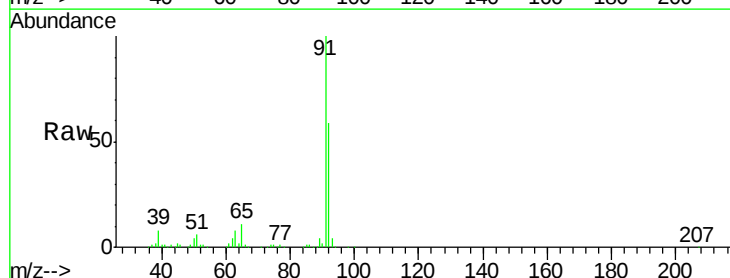
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#52
Toluene
Concen: 20.323 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.1	138.6	208.0





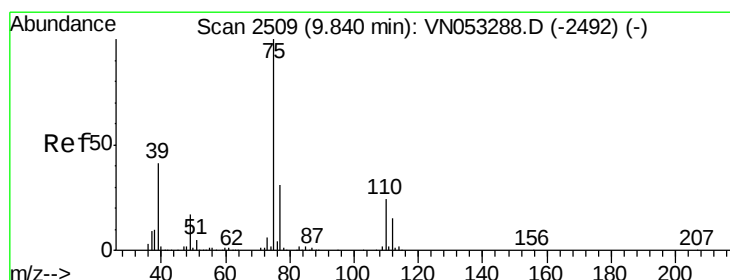
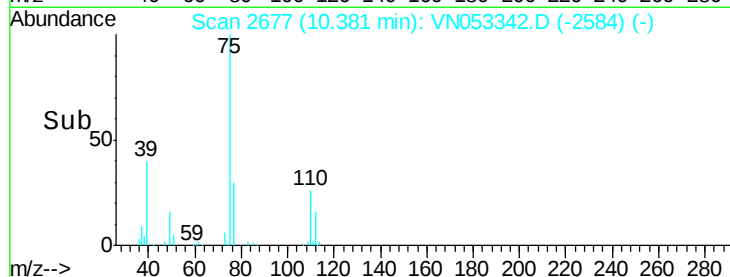
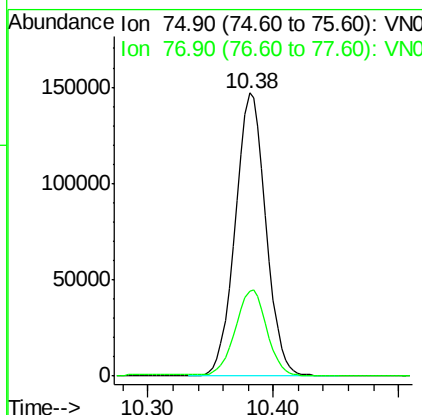
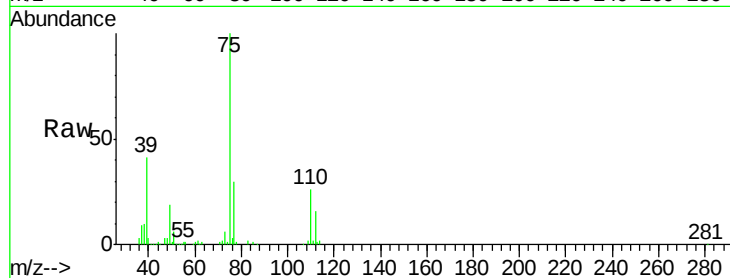
#53
t-1,3-Dichloropropene
Concen: 19.675 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.0	37.4

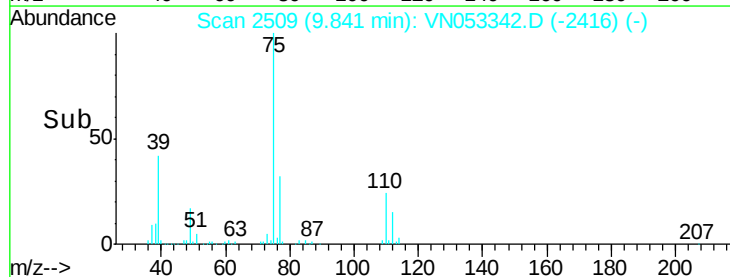
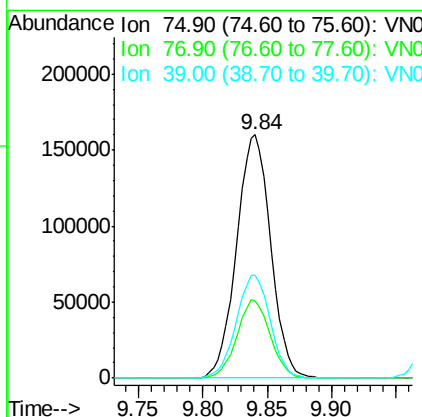
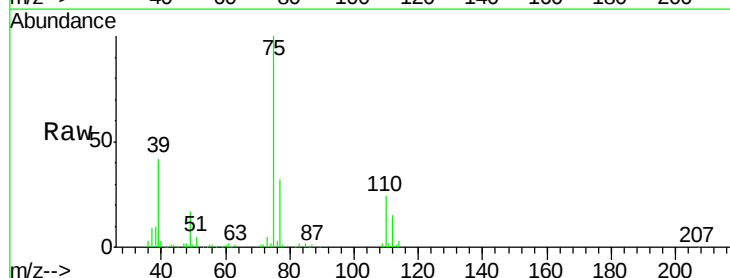
Manual Integrations
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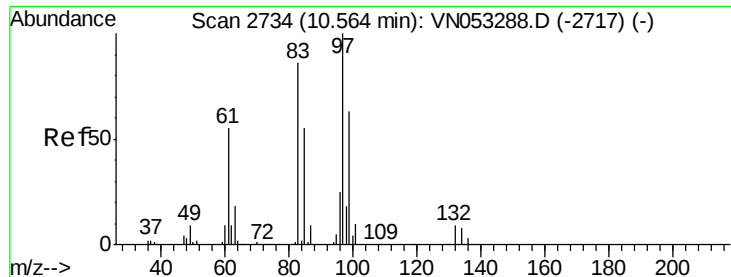
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#54
cis-1,3-Dichloropropene
Concen: 20.149 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7
39	42.4	33.1	49.7





#55

1,1,2-Trichloroethane

Concen: 19.809 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion: 97 Resp: 173446

Ion Ratio Lower Upper

97 100

83 87.1 69.1 103.7

85 56.4 44.2 66.4

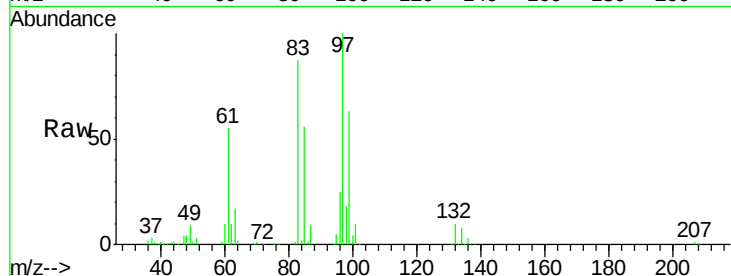
99 62.8 50.3 75.5

Manual Integrations

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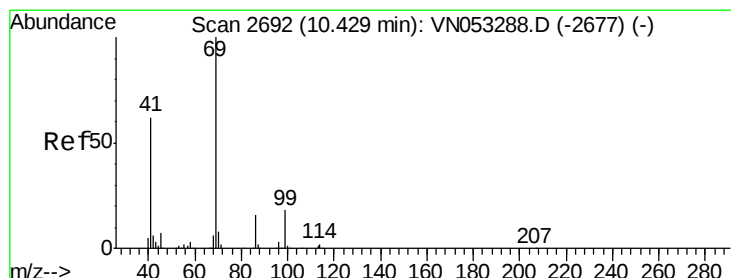
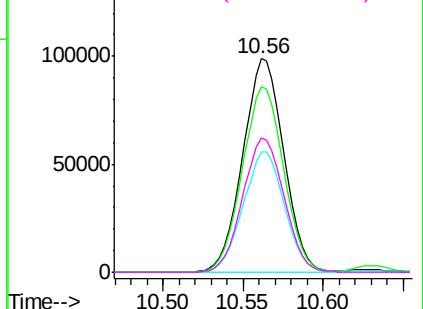
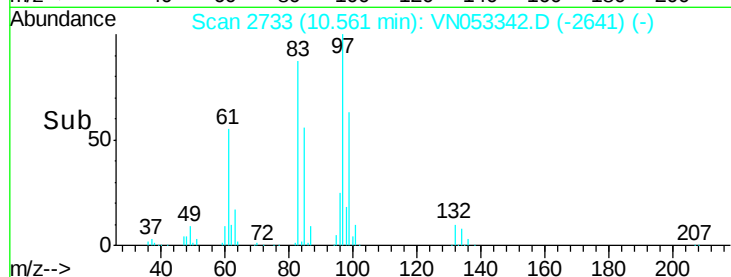


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.337 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

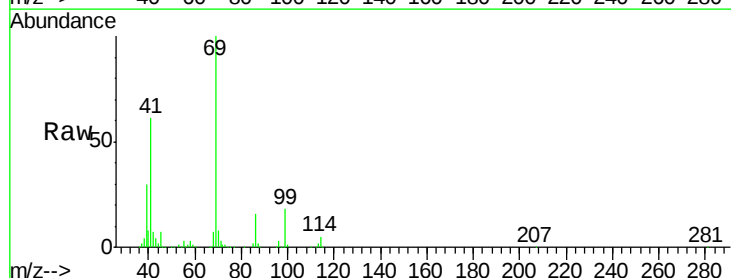
Tgt Ion: 69 Resp: 231393

Ion Ratio Lower Upper

69 100

41 60.9 49.2 73.8

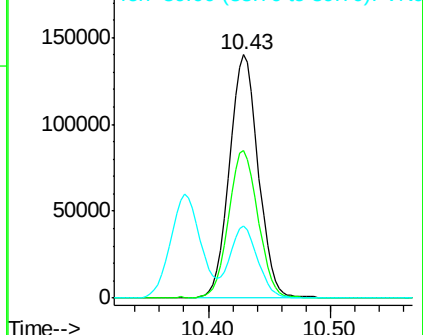
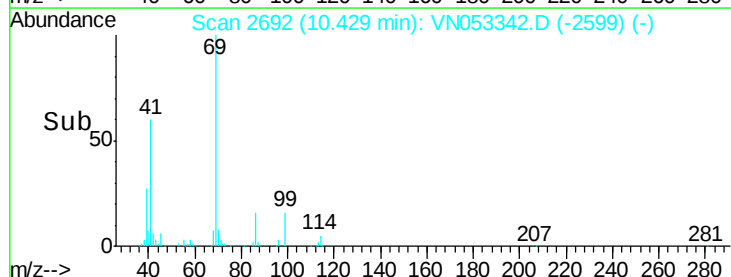
39 28.7 23.4 35.0

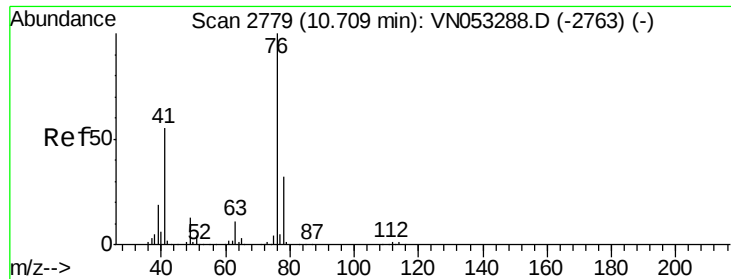


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.389 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion: 76 Resp: 298532

Ion Ratio Lower Upper

76 100

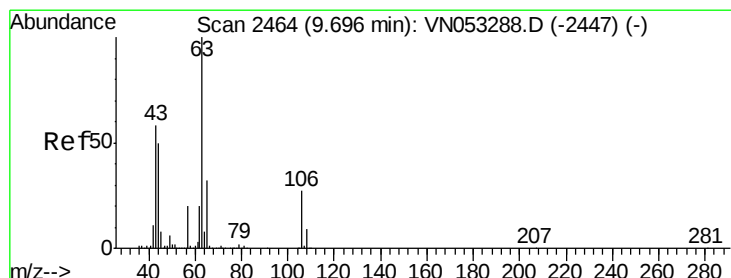
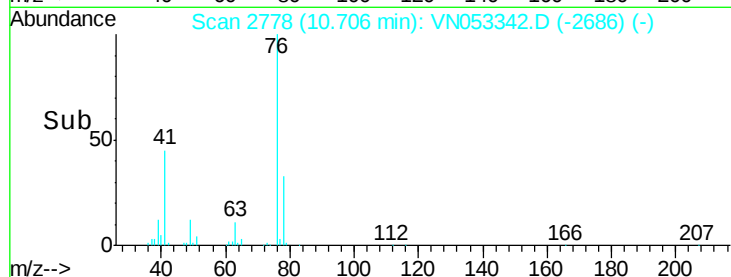
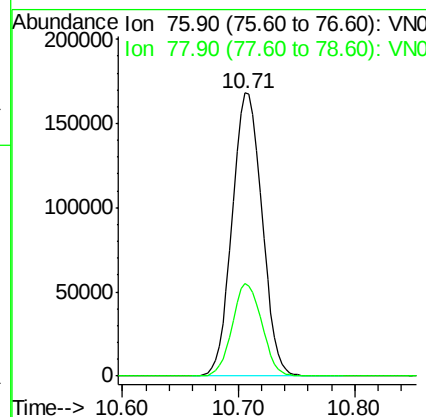
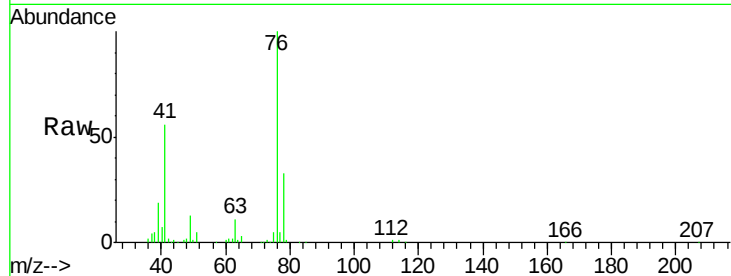
78 32.3 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 98.399 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053342.D

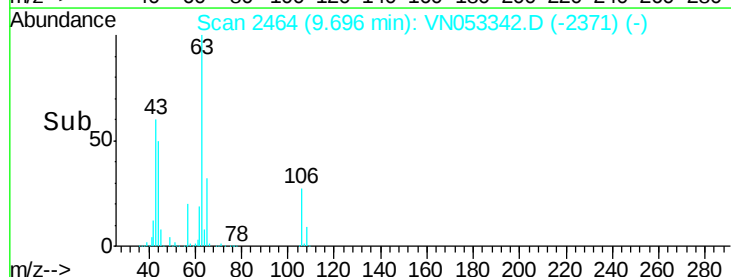
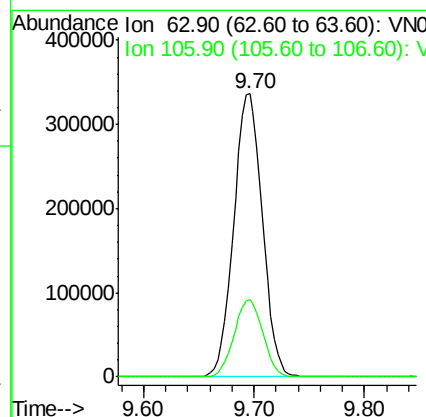
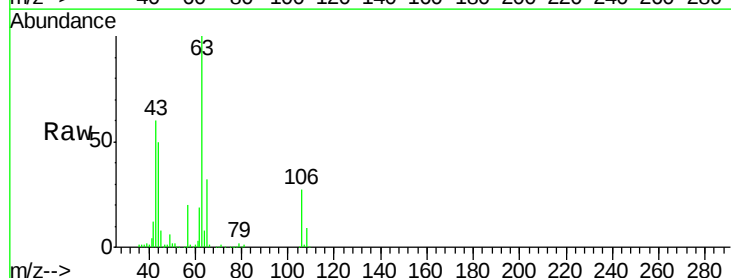
Acq: 10 Jan 2019 15:28

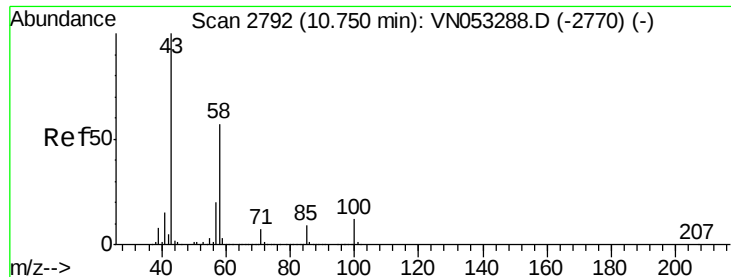
Tgt Ion: 63 Resp: 605280

Ion Ratio Lower Upper

63 100

106 27.2 21.7 32.5





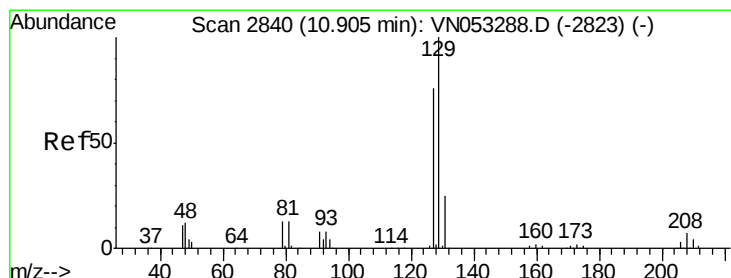
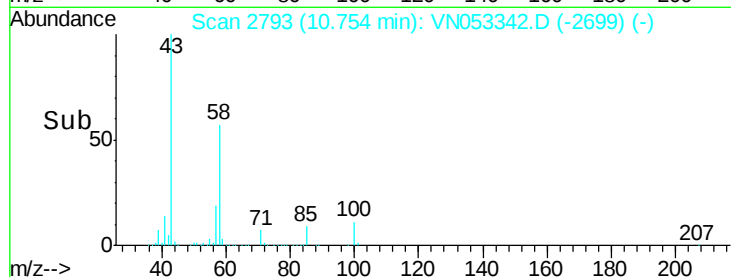
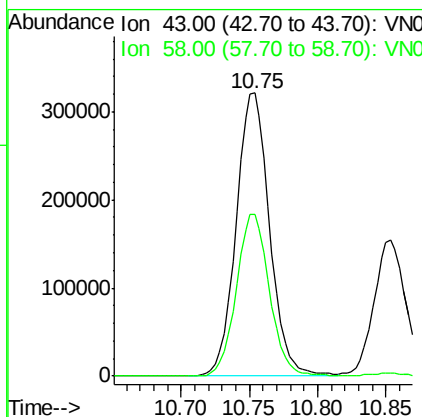
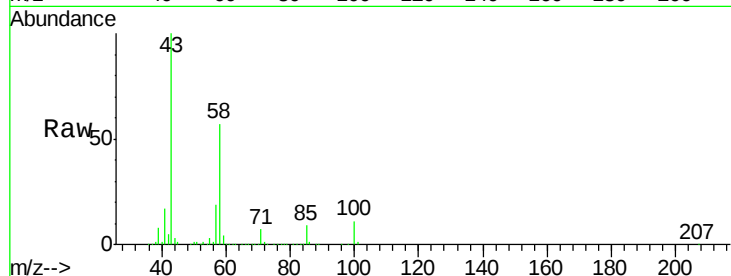
#59
2-Hexanone
Concen: 96.897 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion: 43 Resp: 543606
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0

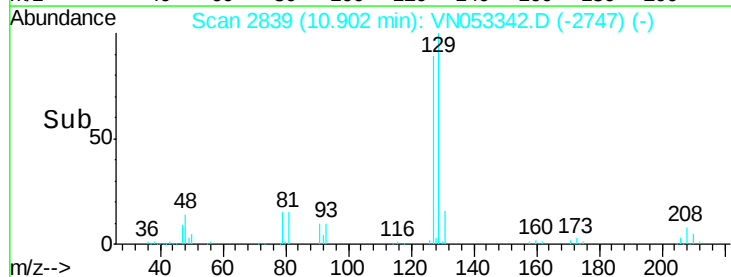
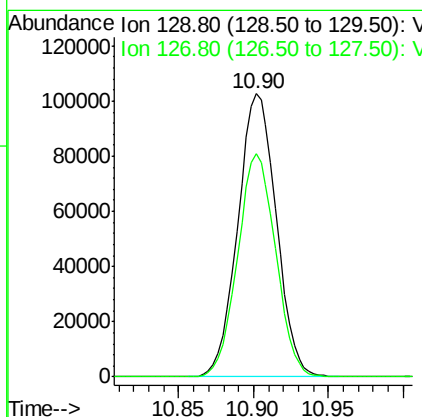
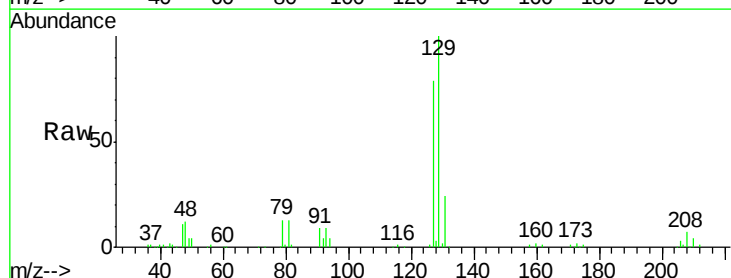
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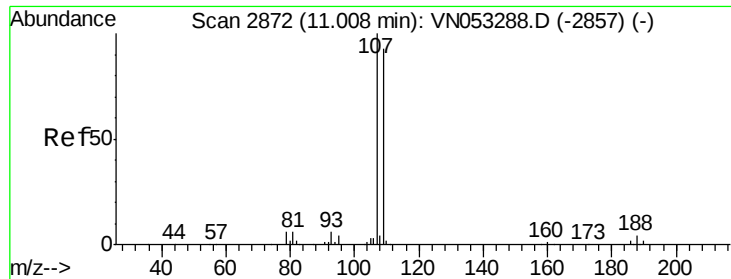
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#60
Dibromochloromethane
Concen: 19.479 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 129 Resp: 183957
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





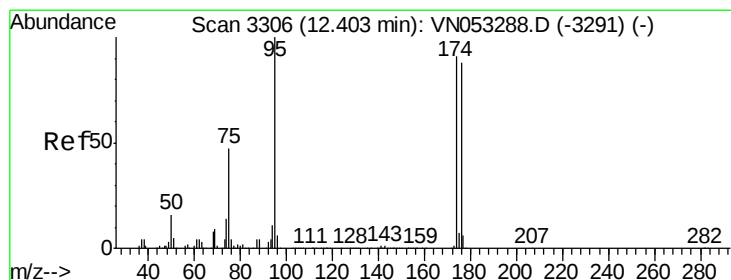
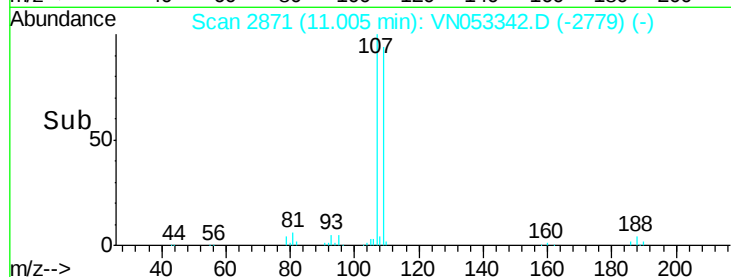
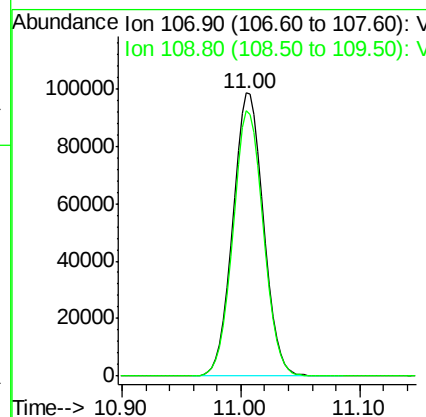
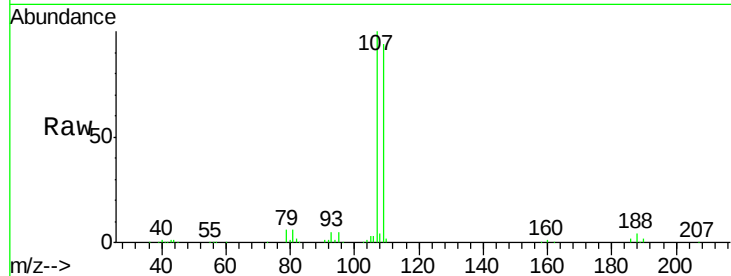
#61
 1,2-Dibromoethane
 Concen: 20.288 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.0	112.6

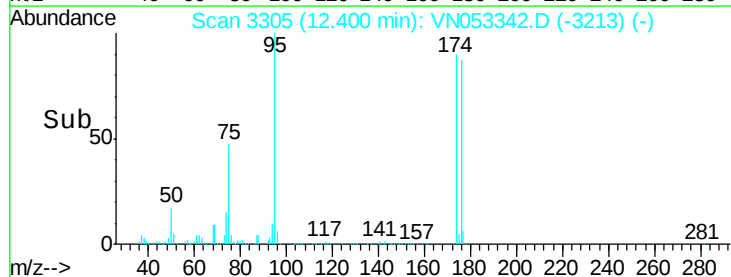
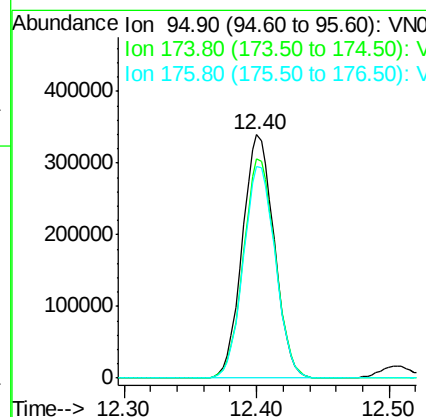
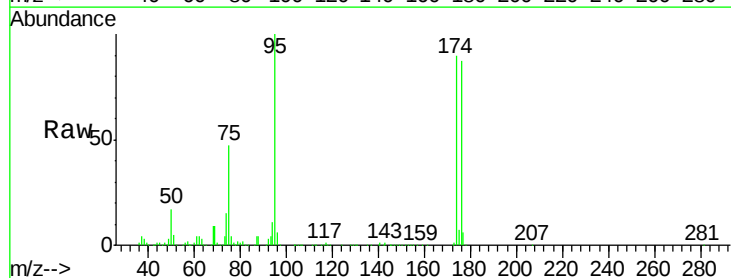
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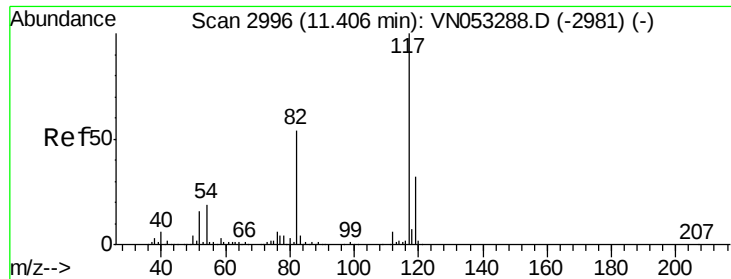
MMDadoda
 1/11/2019 10:12:01 AM



#62
 4-Bromofluorobenzene
 Concen: 20.288 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	180.4
176	87.4	0.0	175.6





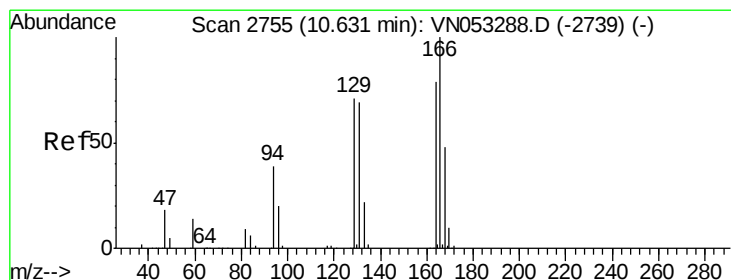
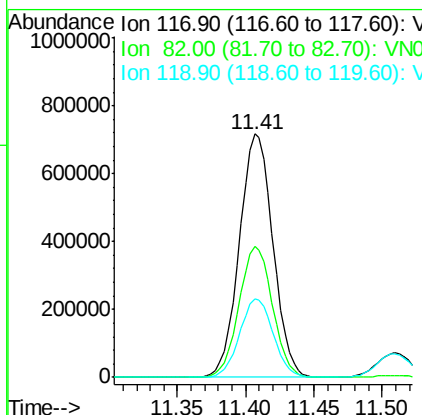
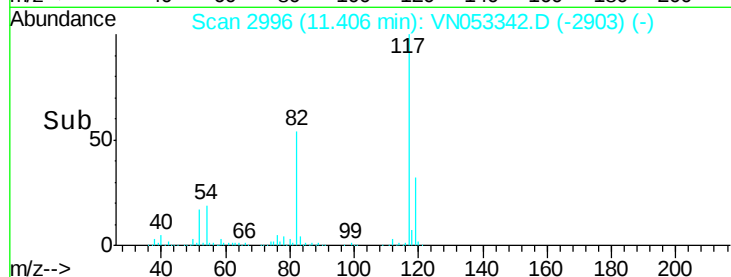
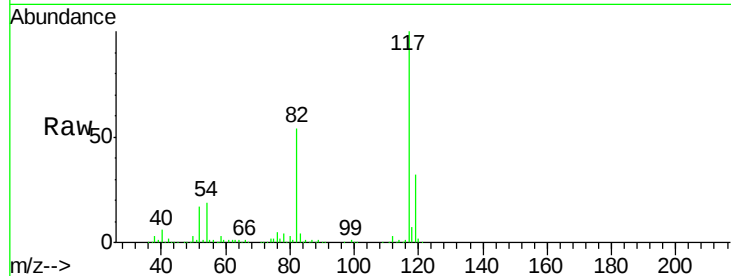
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.9	64.3
119	32.2	25.6	38.4

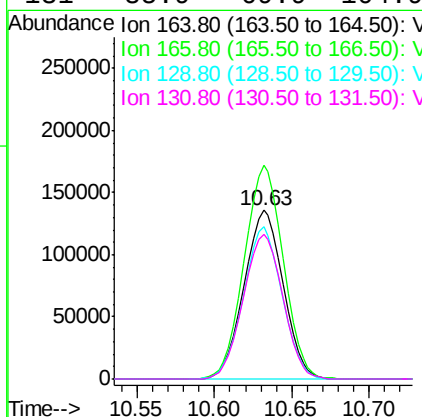
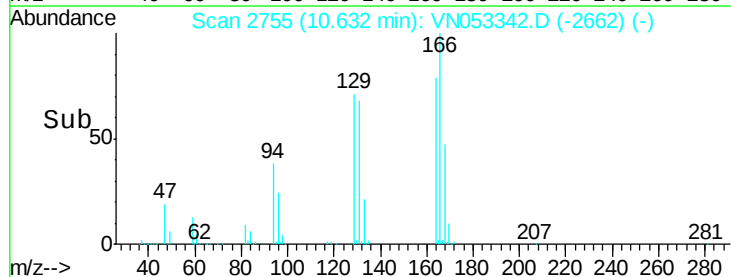
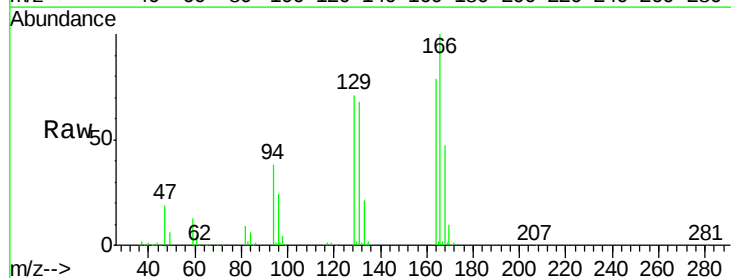
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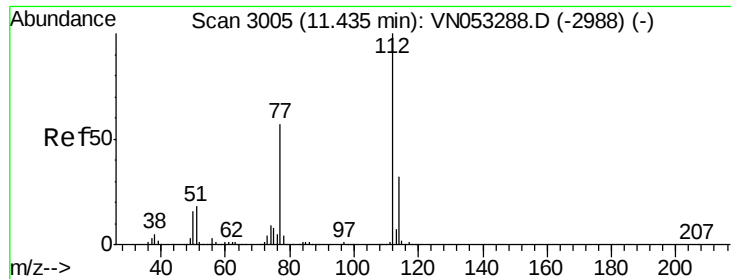
MMDadoda
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#64
Tetrachloroethene
Concen: 20.735 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	101.7	152.5
129	90.1	72.1	108.1
131	85.9	69.9	104.9





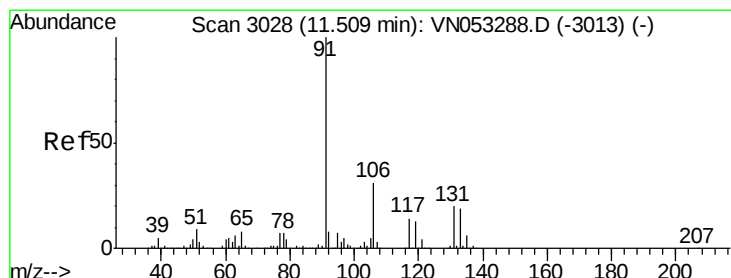
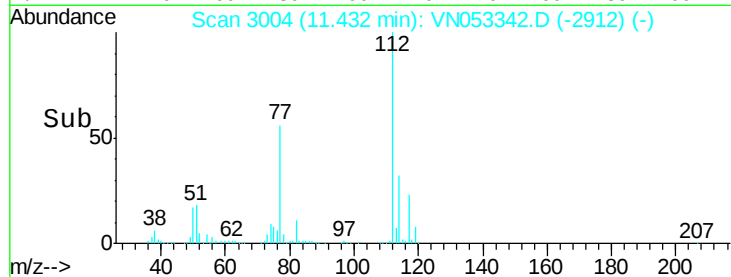
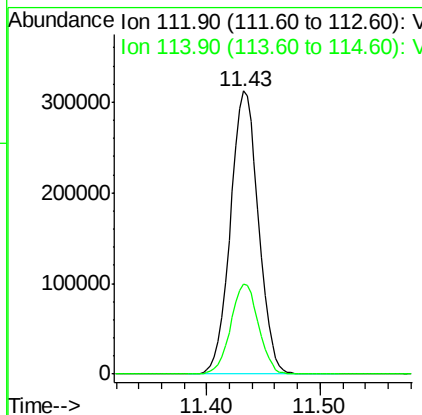
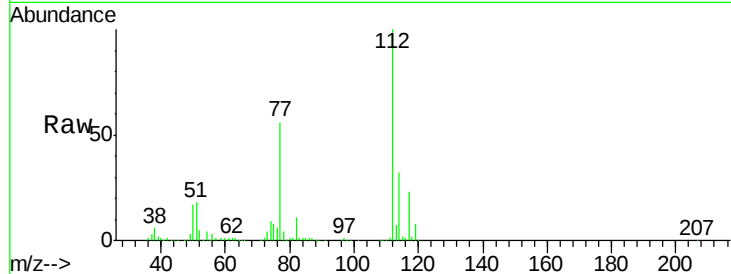
#65
Chlorobenzene
Concen: 20.164 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion:112 Resp: 536572
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

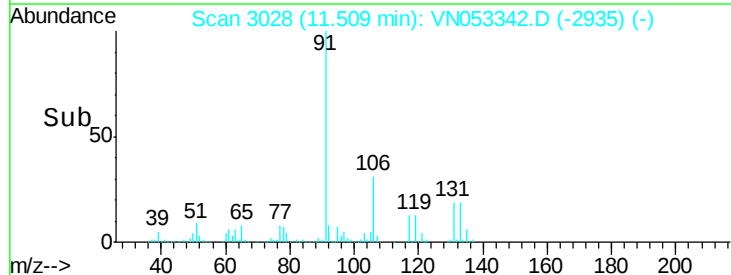
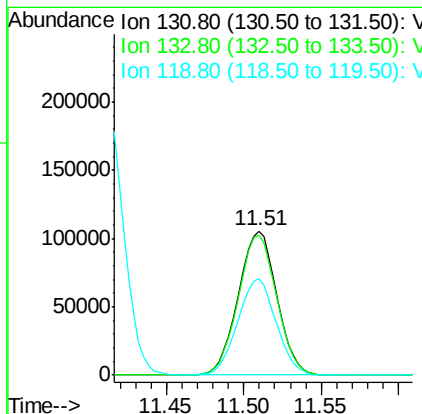
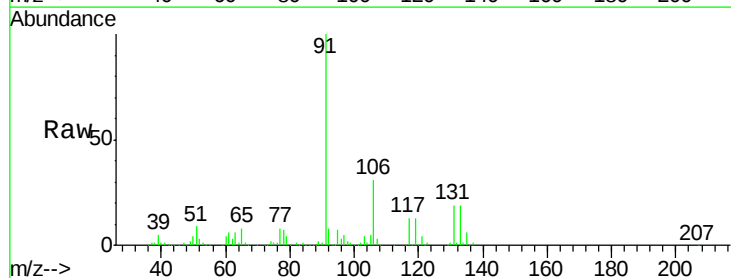
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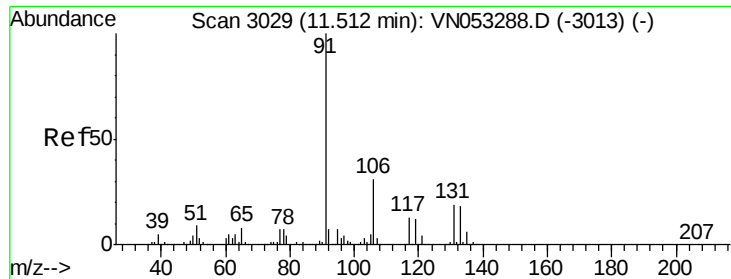
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.606 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion:131 Resp: 182618
Ion Ratio Lower Upper
131 100
133 97.1 48.0 144.0
119 66.9 33.3 99.9





#67

Ethyl Benzene

Concen: 20.180 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion: 91 Resp: 912491

Ion Ratio Lower Upper

91 100

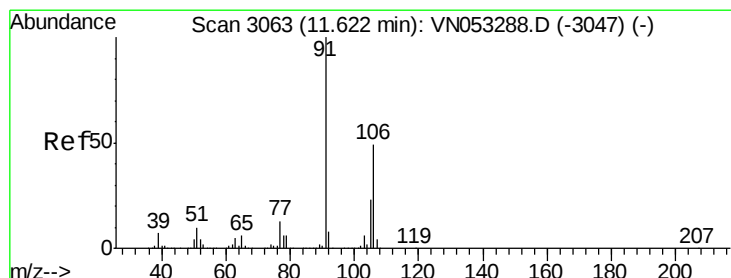
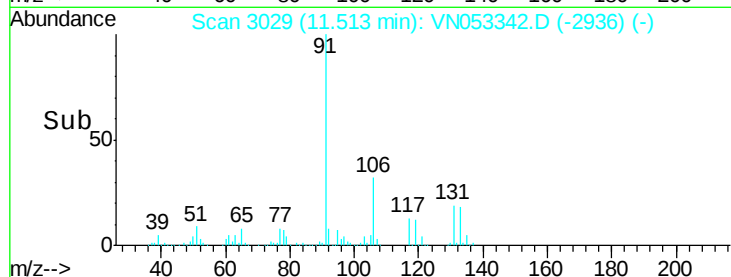
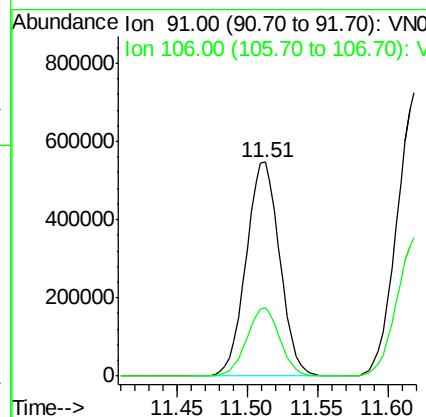
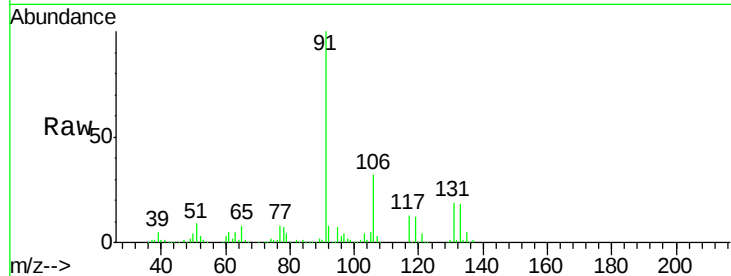
106 31.8 25.0 37.4

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#68

m/p-Xylenes

Concen: 41.135 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053342.D

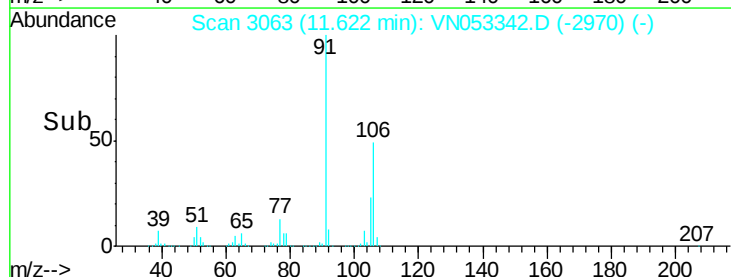
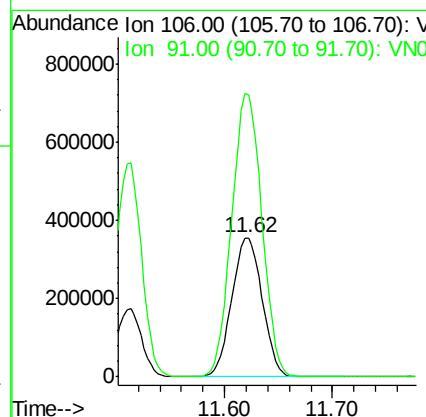
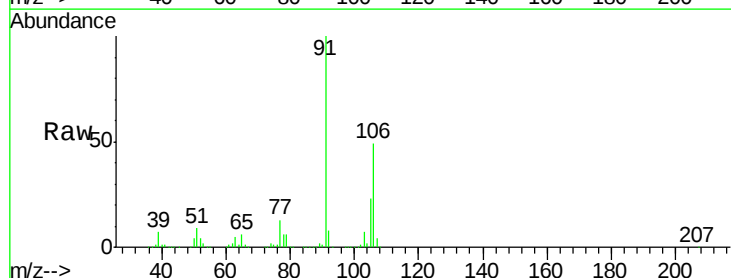
Acq: 10 Jan 2019 15:28

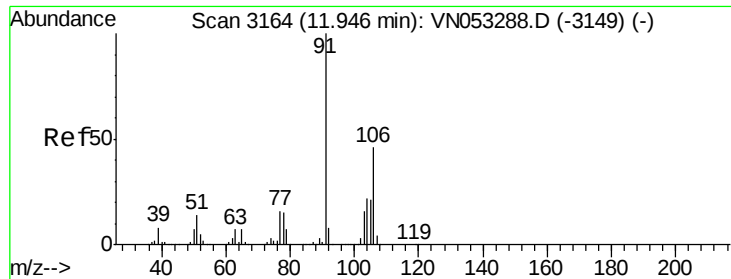
Tgt Ion: 106 Resp: 699416

Ion Ratio Lower Upper

106 100

91 201.9 161.4 242.2





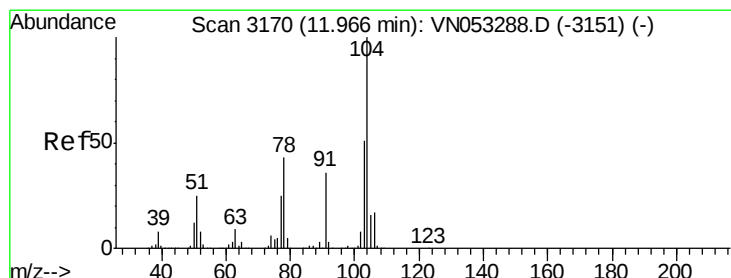
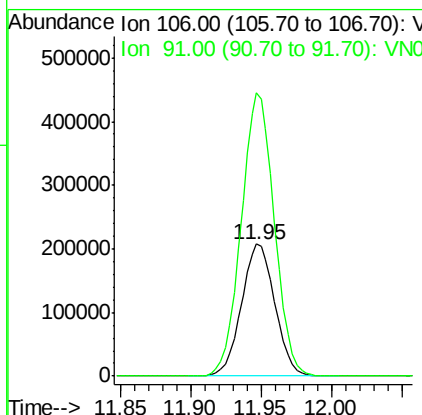
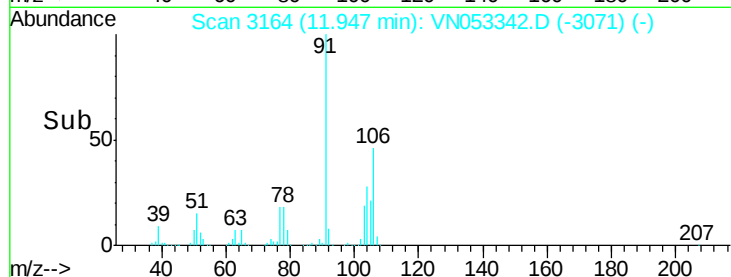
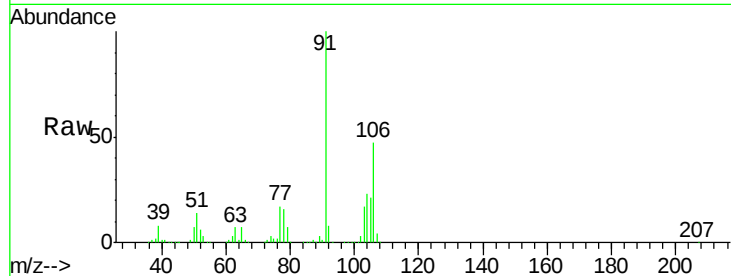
#69
o-Xylene
Concen: 20.633 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleID :
VN0110WBSD02

Tot Ion:106 Resp: 343462
Ion Ratio Lower Upper
106 100
91 212.0 106.8 320.4

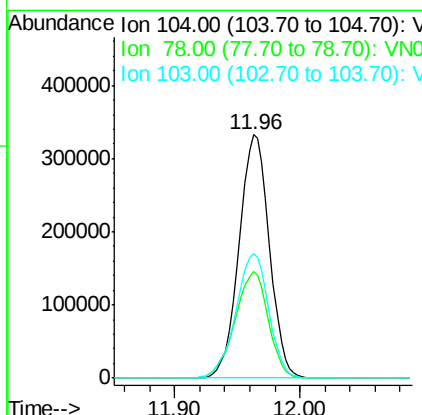
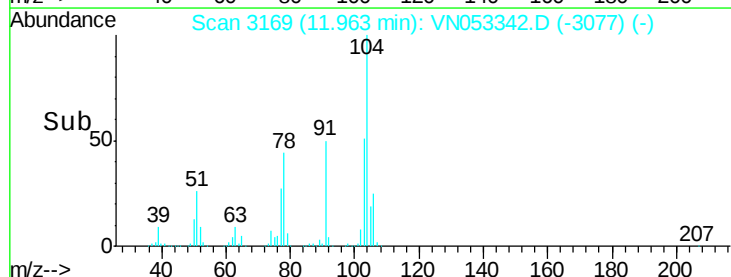
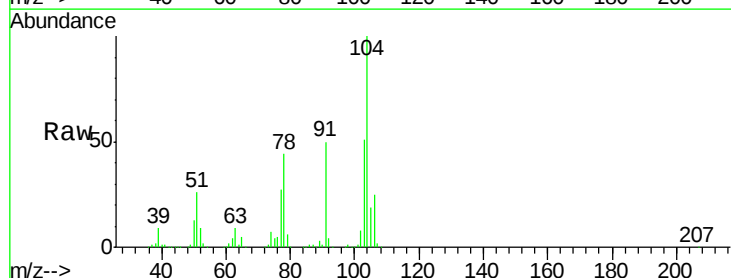
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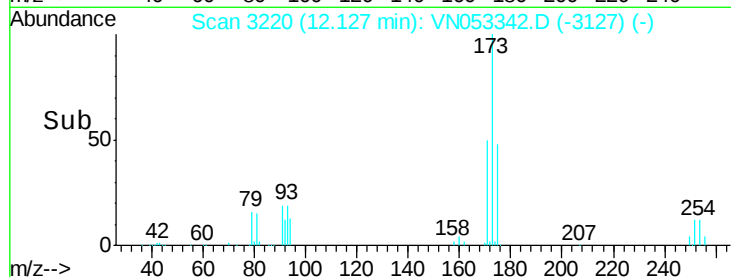
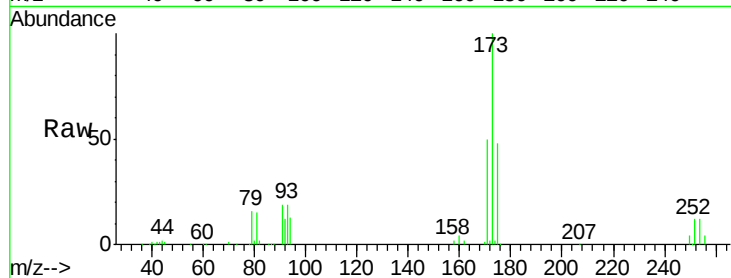
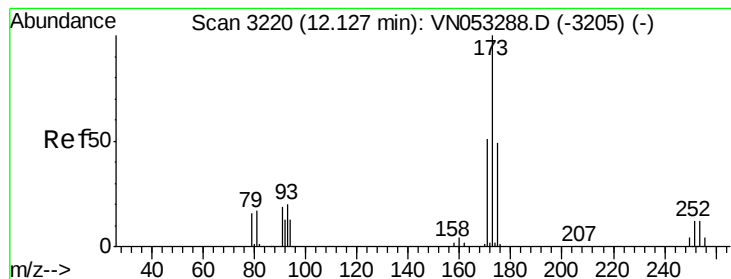
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#70
Styrene
Concen: 20.627 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion:104 Resp: 558826
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 55.6 44.5 66.7





#71

Bromoform

Concen: 19.462 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.0	0.2	0.2

Instrument :

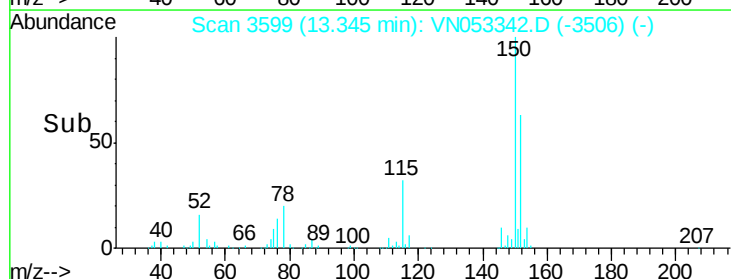
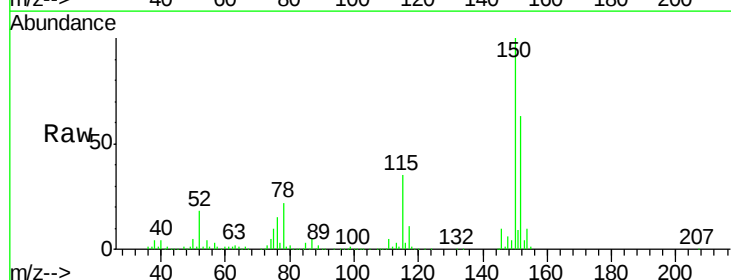
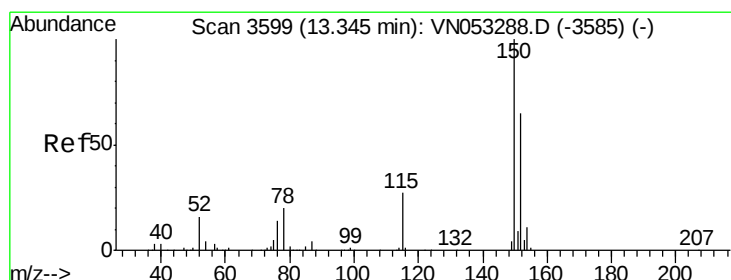
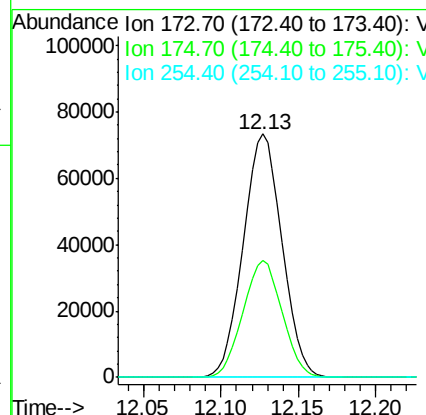
MSVOA_N

ClientSampleID :

VN0110WBSD02

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

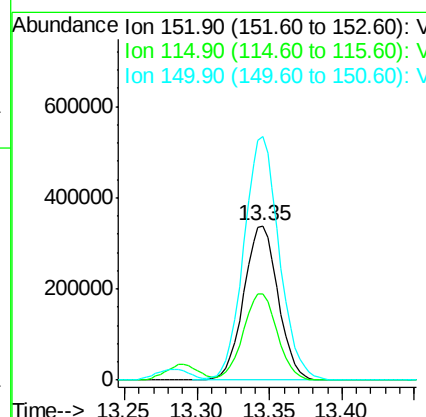
RT: 13.35 min Scan# 3599

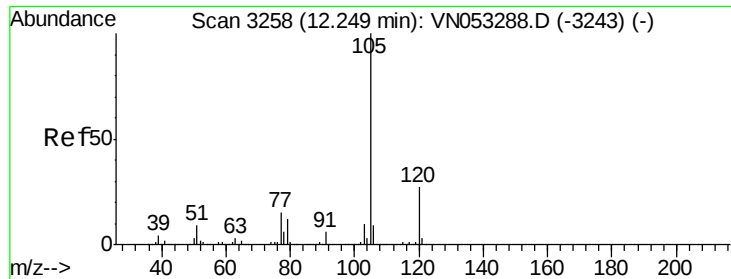
Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.0	84.0
150	162.8	0.0	346.6





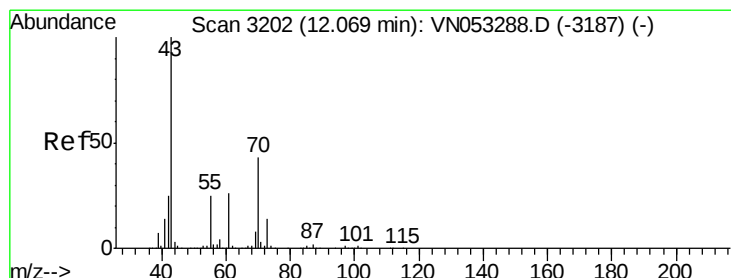
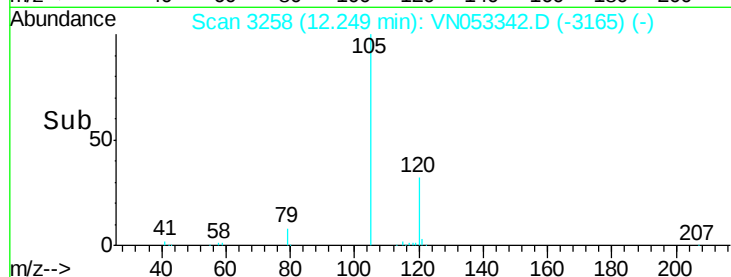
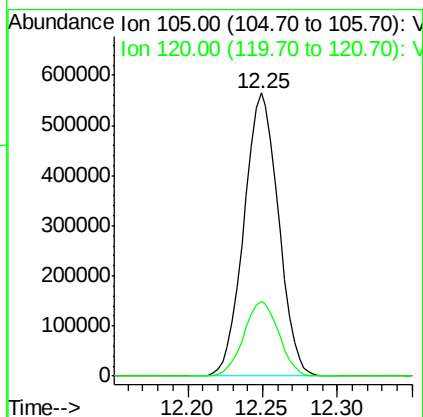
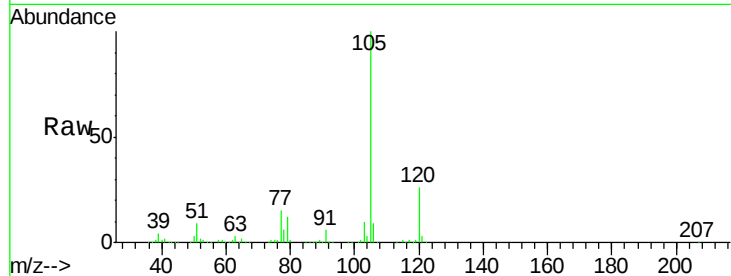
#73
Isopropylbenzene
Concen: 21.865 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

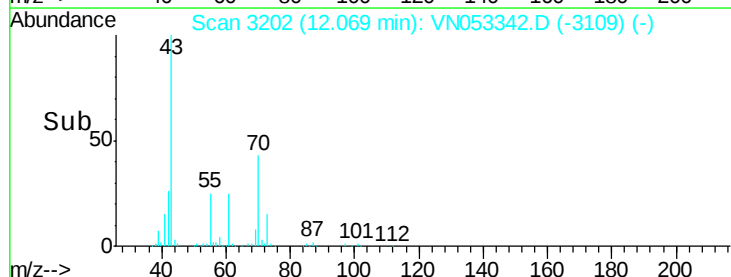
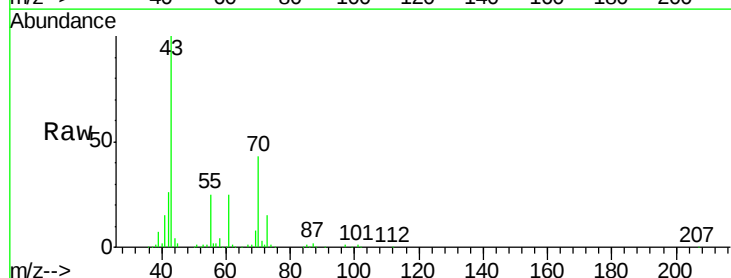
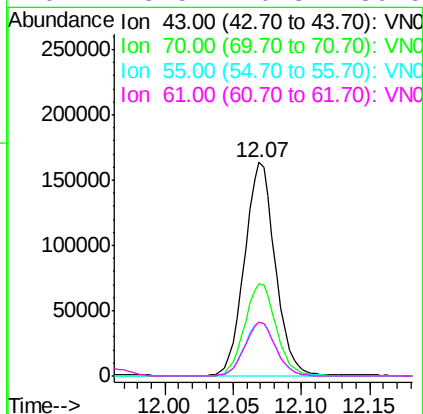
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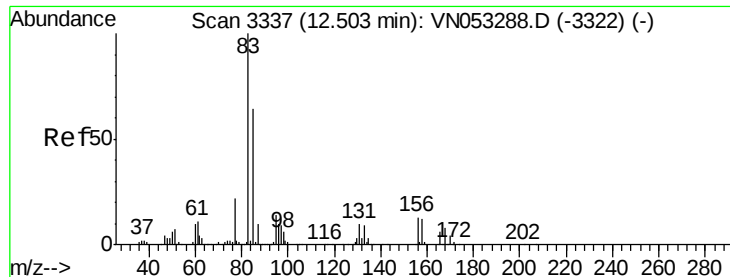
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#74
N-ethyl acetate
Concen: 20.605 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.6	35.0	52.6
55	26.0	20.0	30.0
61	25.5	20.3	30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.476 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion: 83 Resp: 195002
Ion Ratio Lower Upper

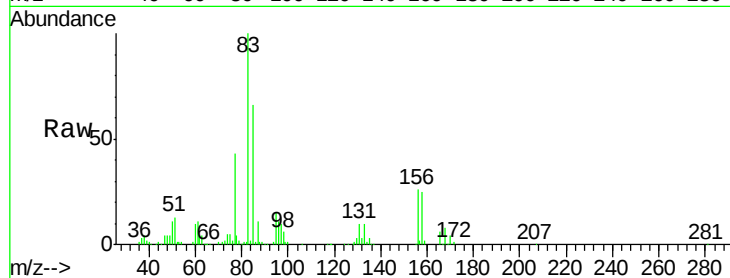
83 100

131 10.7 5.3 15.9

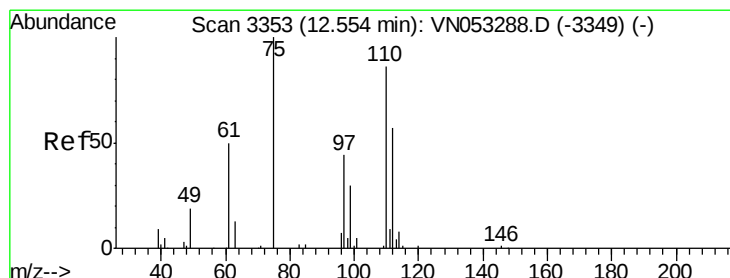
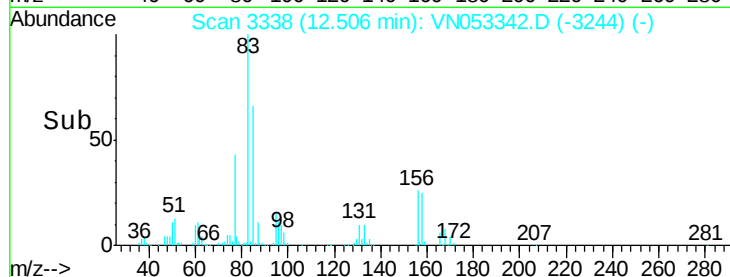
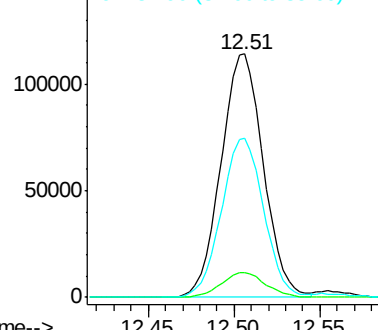
85 65.2 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 21.494 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

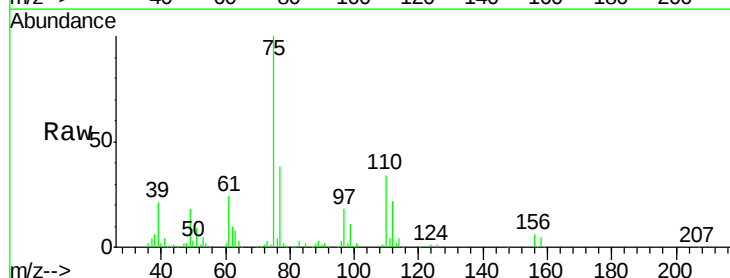
Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

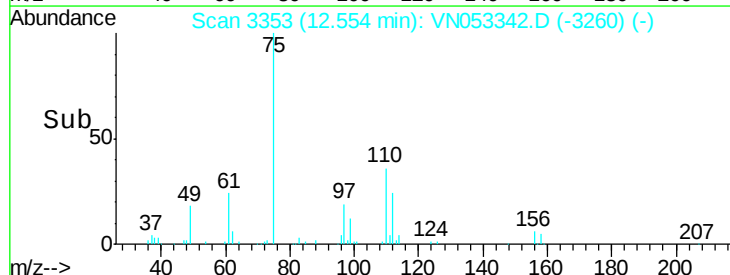
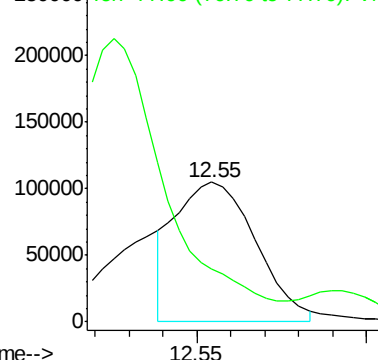
Tgt Ion: 75 Resp: 174326
Ion Ratio Lower Upper

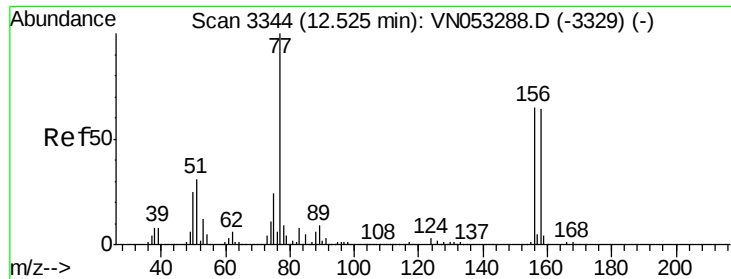
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN





#77

Bromobenzene

Concen: 21.274 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

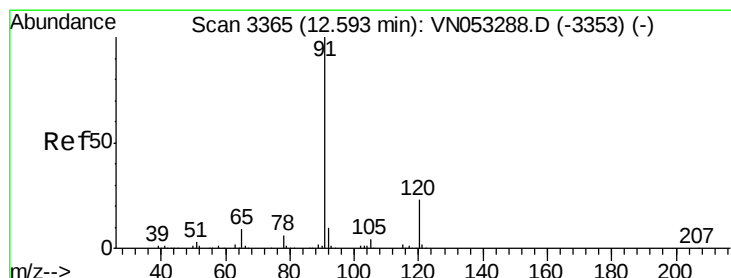
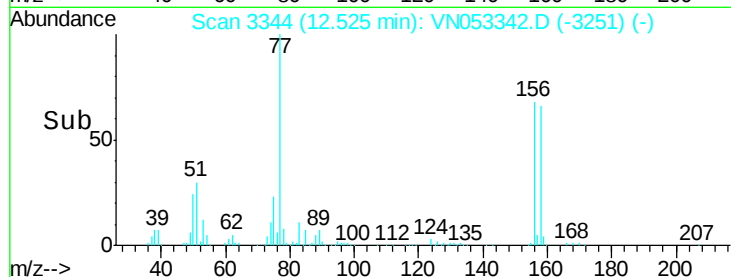
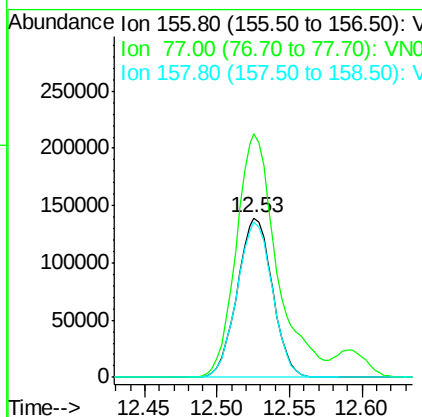
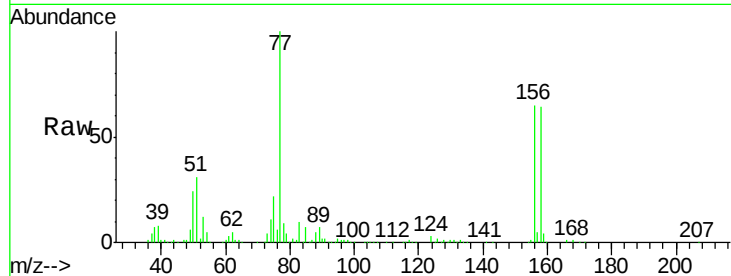
ClientSampleId :

VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	175.9	89.3	268.1
158	97.8	48.9	146.8

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#78

n-propylbenzene

Concen: 22.029 ug/l

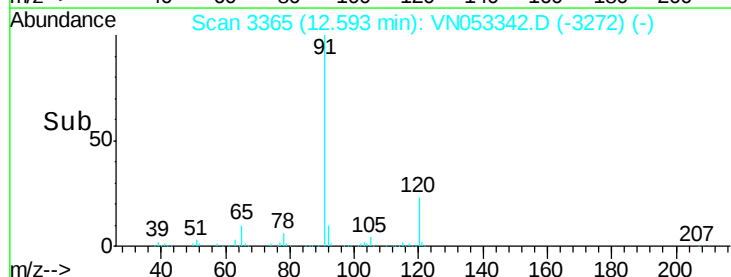
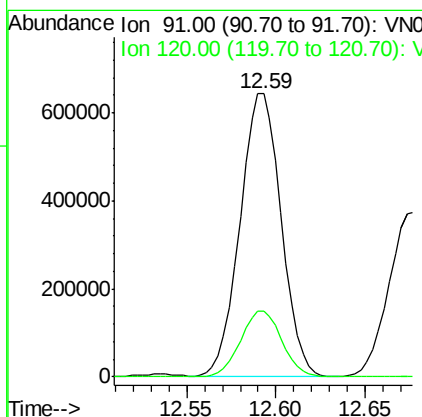
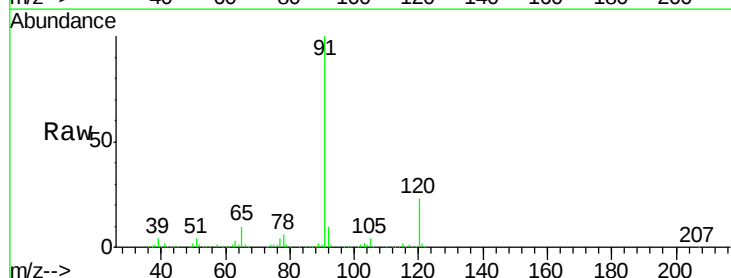
RT: 12.59 min Scan# 3365

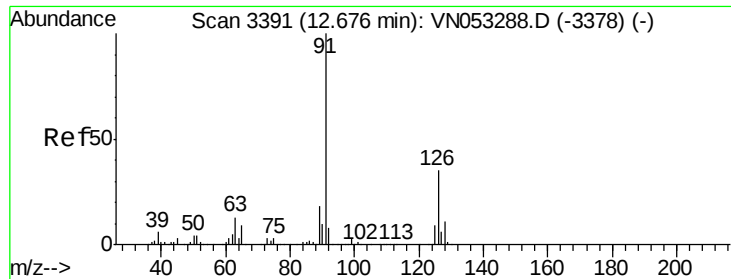
Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.5	34.5





#79

2-Chlorotoluene

Concen: 21.588 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion: 91 Resp: 611704

Ion Ratio Lower Upper

91 100

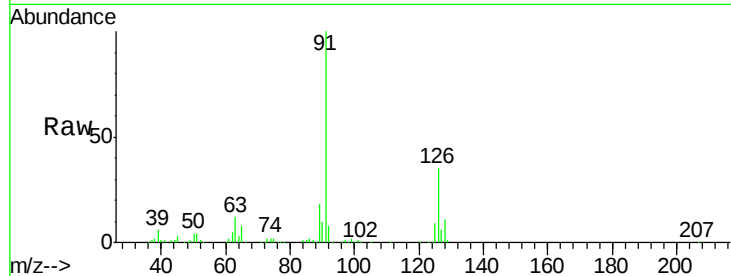
126 34.8 17.5 52.5

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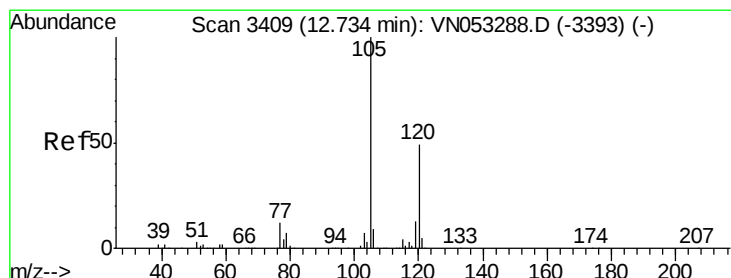
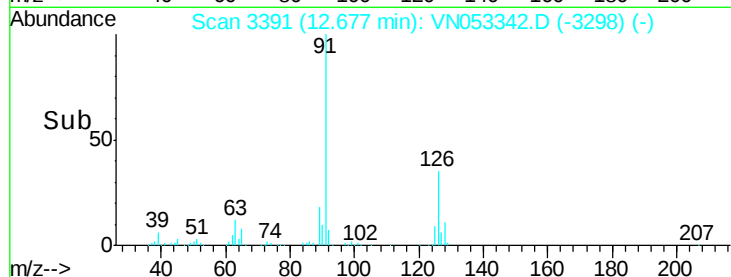
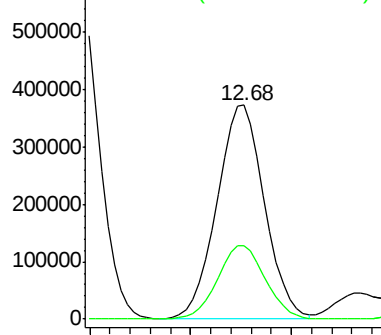
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.022 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053342.D

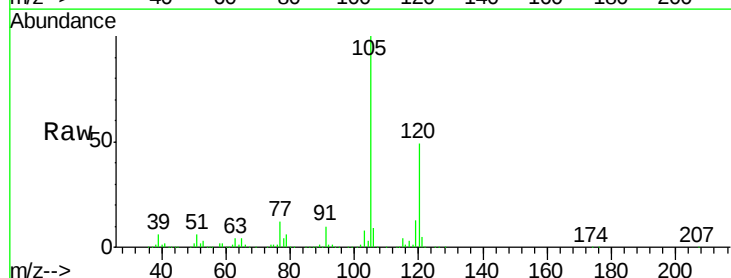
Acq: 10 Jan 2019 15:28

Tgt Ion: 105 Resp: 734370

Ion Ratio Lower Upper

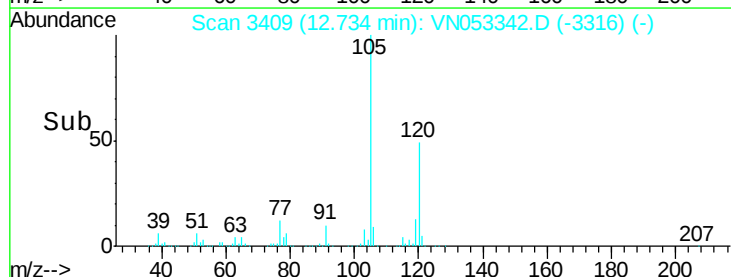
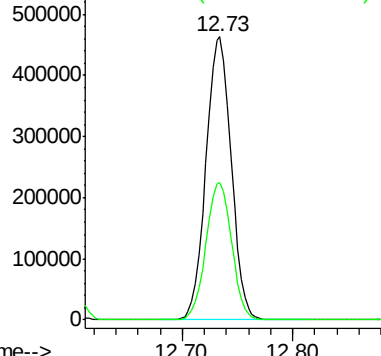
105 100

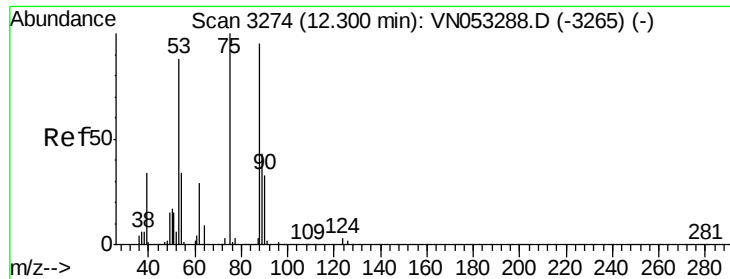
120 49.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





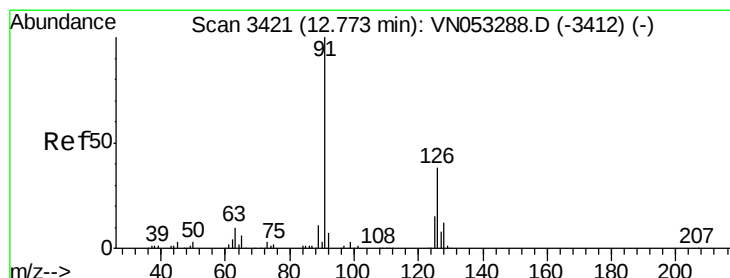
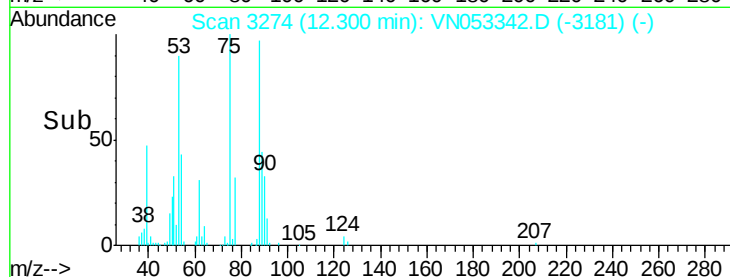
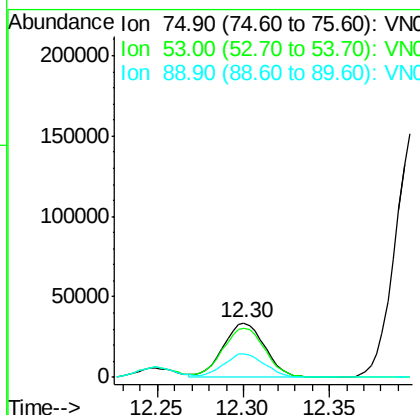
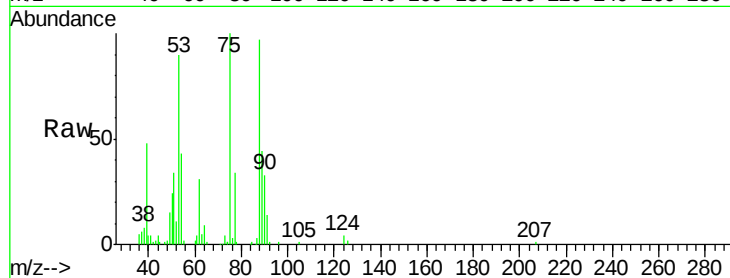
#81
trans-1,4-Dichloro-2-butene
Concen: 20.841 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.1	70.5	105.7
89	42.8	35.4	53.0

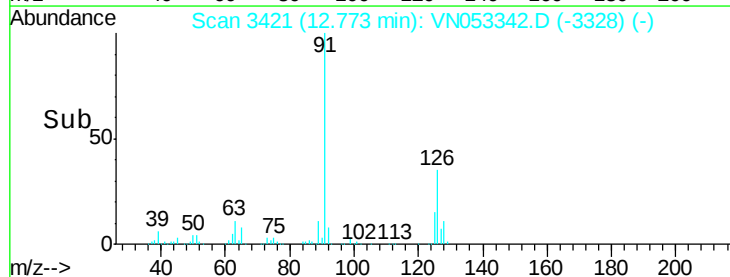
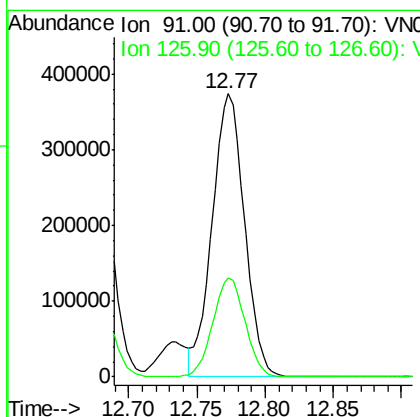
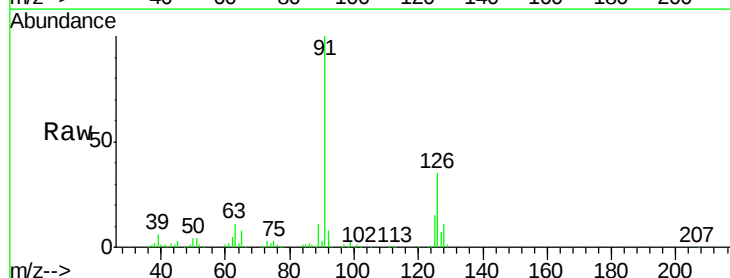
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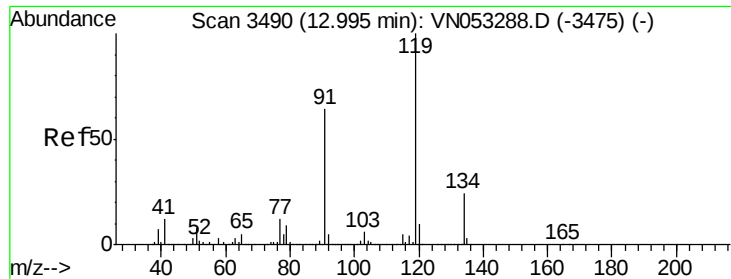
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#82
4-Chlorotoluene
Concen: 21.153 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.4	52.2





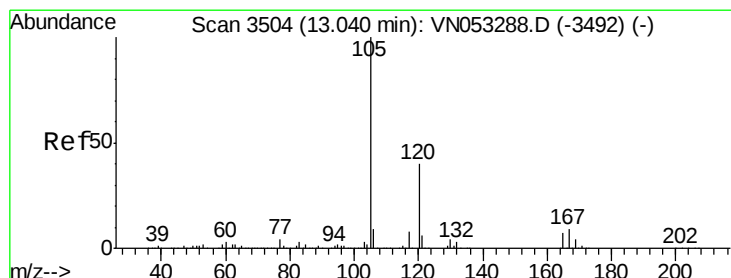
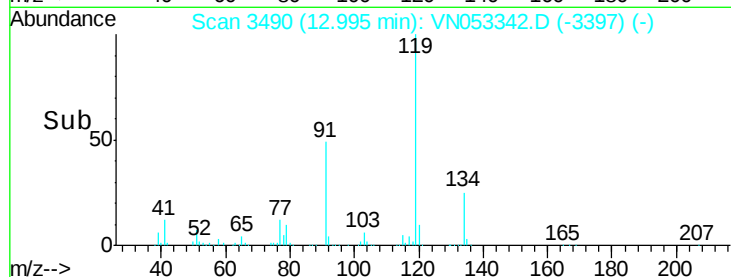
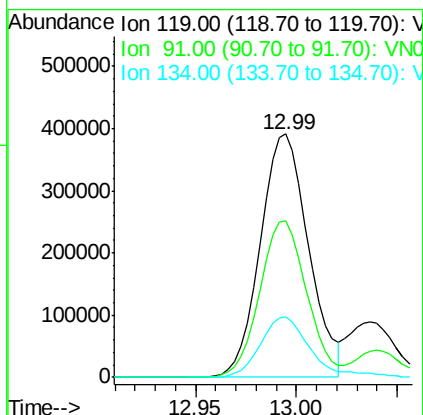
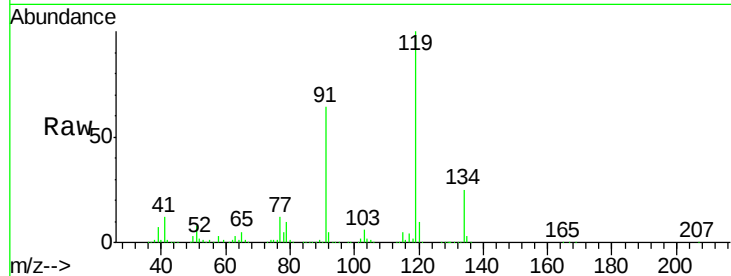
#83
tert-Butylbenzene
Concen: 22.247 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampled :
VN0110WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	650898		
91	62.4		31.6	95.0
134	25.7		12.9	38.6

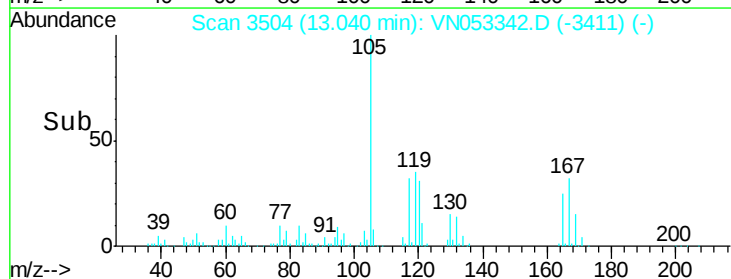
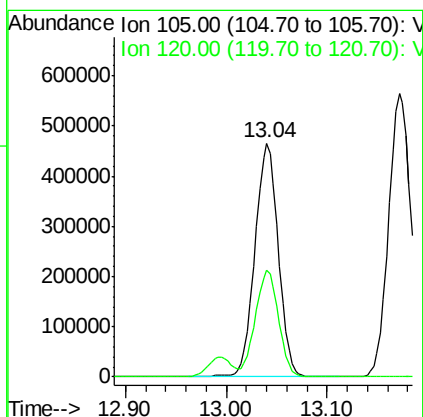
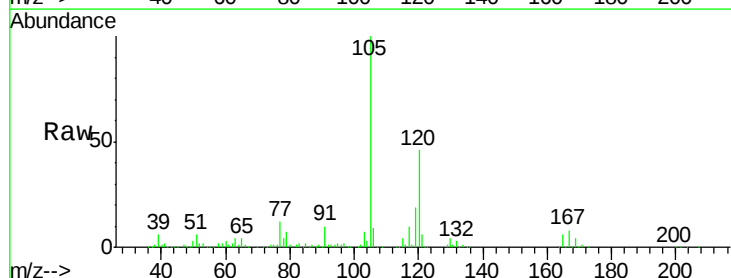
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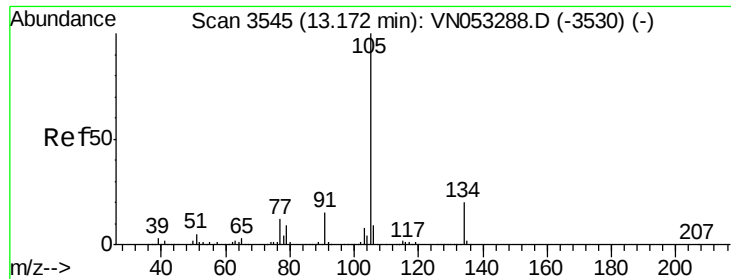
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#84
1,2,4-Trimethylbenzene
Concen: 21.862 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	742718		
120	45.5		23.0	69.0





#85

sec-Butylbenzene

Concen: 22.973 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBSD02

Tot Ion:105 Resp: 886418

Ion Ratio Lower Upper

105 100

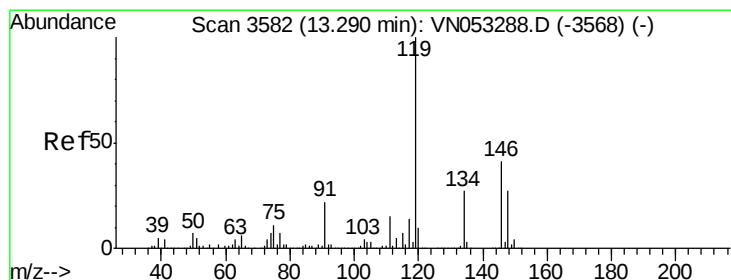
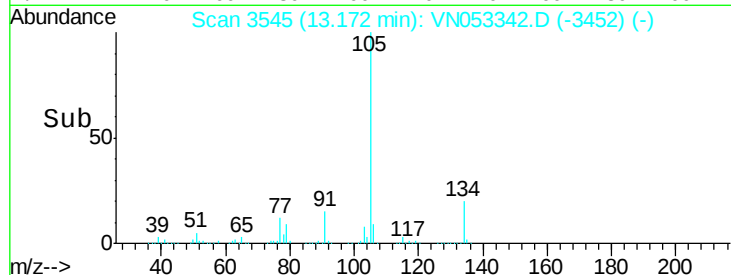
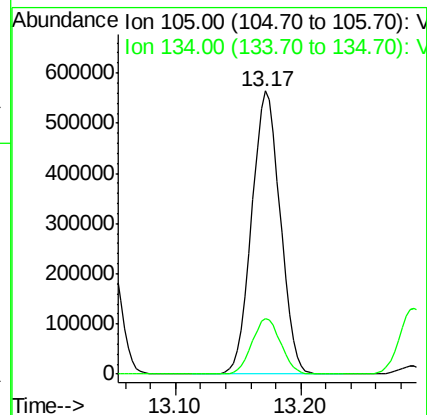
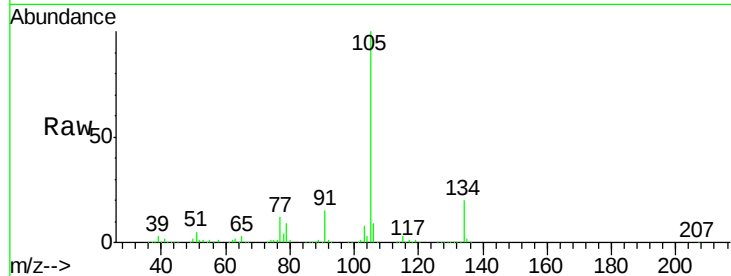
134 20.0 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 22.584 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053342.D

Acq: 10 Jan 2019 15:28

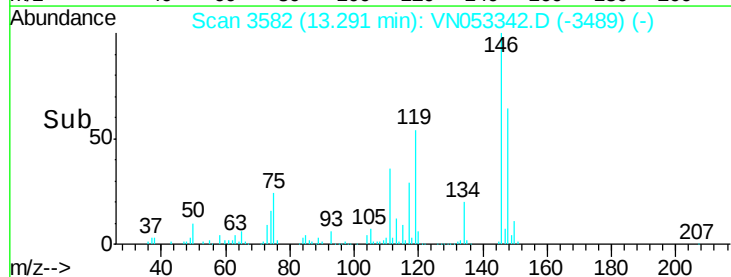
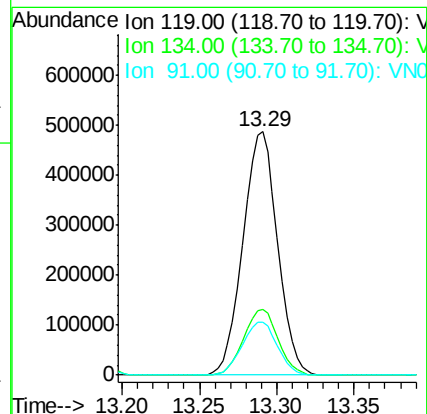
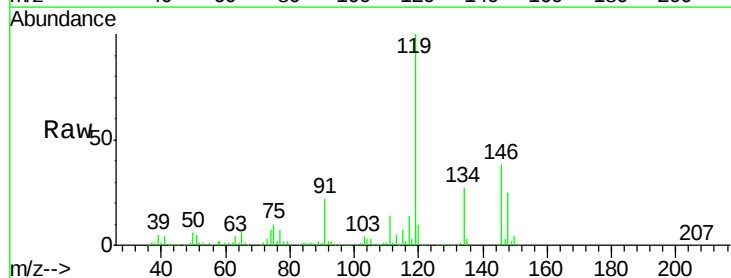
Tgt Ion:119 Resp: 754489

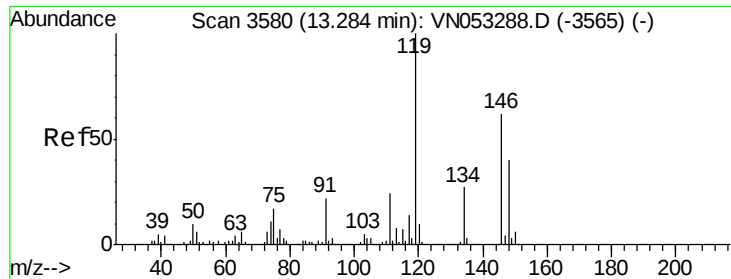
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.2 11.1 33.1





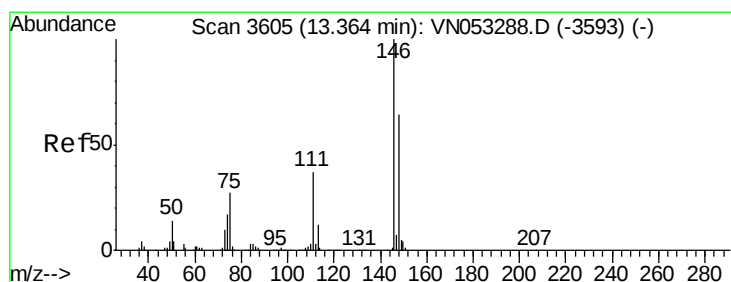
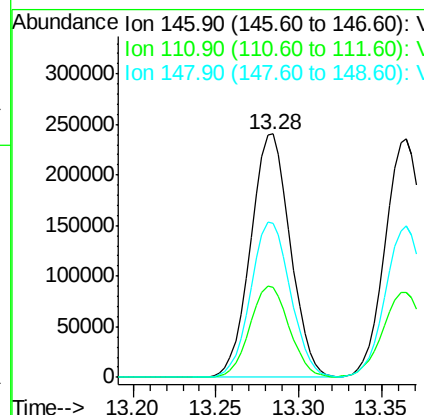
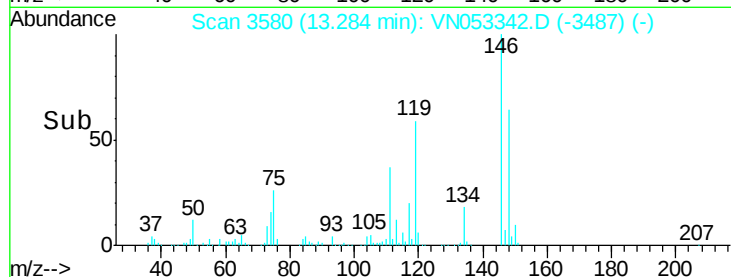
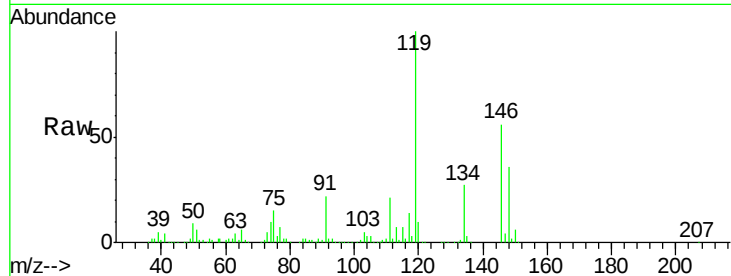
#87
 1,3-Dichlorobenzene
 Concen: 20.539 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	399656		
111	37.5	18.9	56.5	
148	64.2	32.0	96.2	

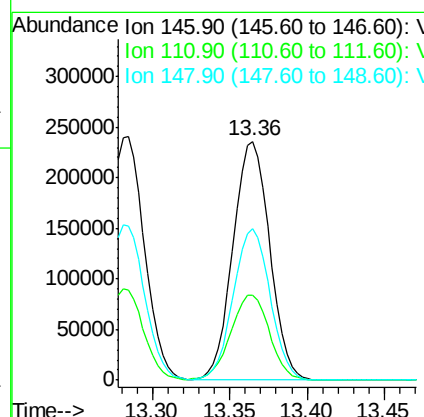
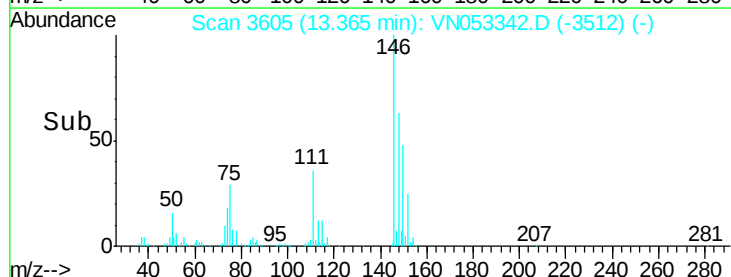
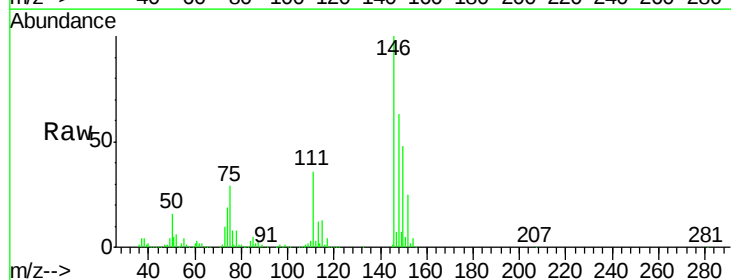
Manual Integrations
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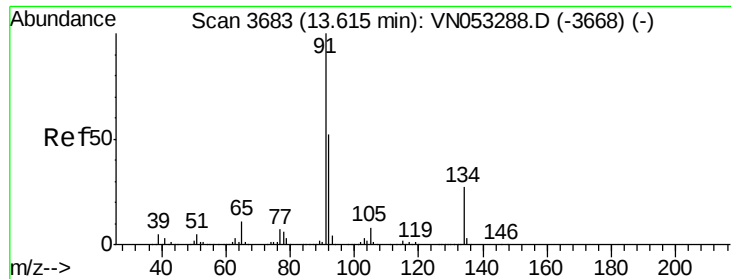
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#88
 1,4-Dichlorobenzene
 Concen: 20.177 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	389456		
111	37.7	18.6	55.8	
148	63.5	32.0	96.0	





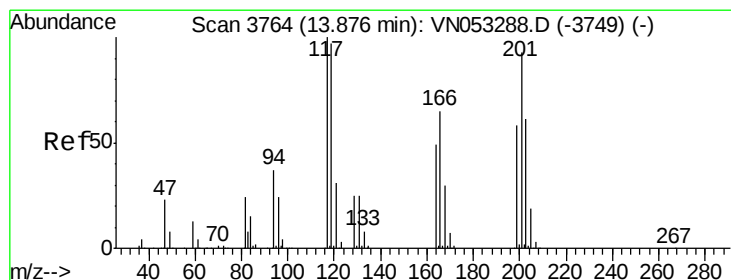
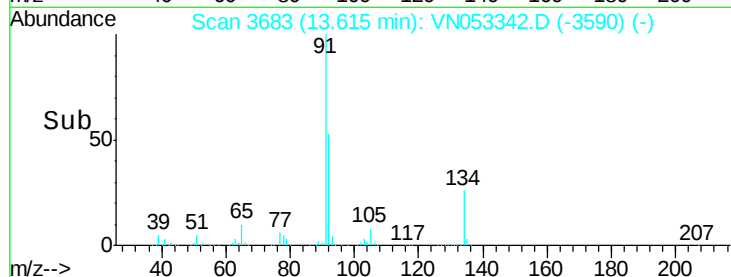
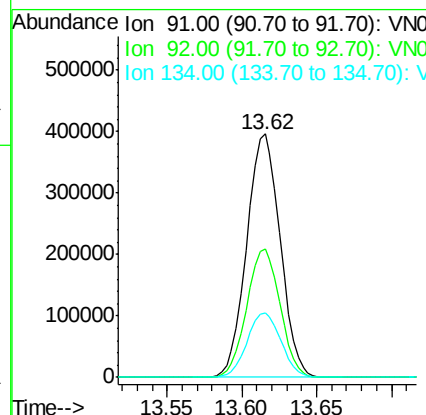
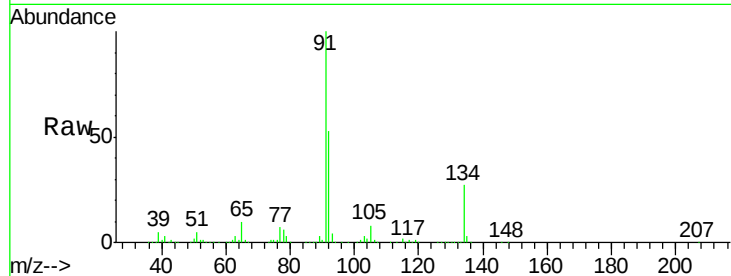
#89
n-Butylbenzene
Concen: 22.051 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.8
134	26.7	13.5	40.5

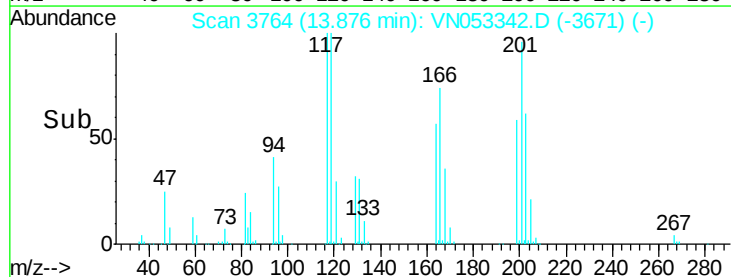
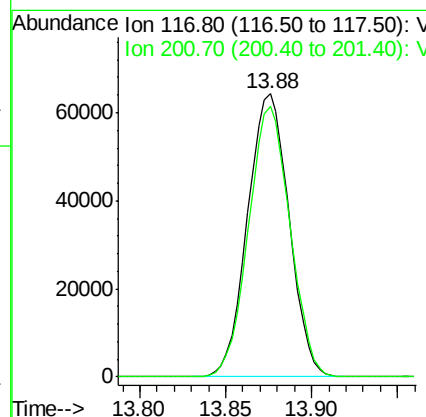
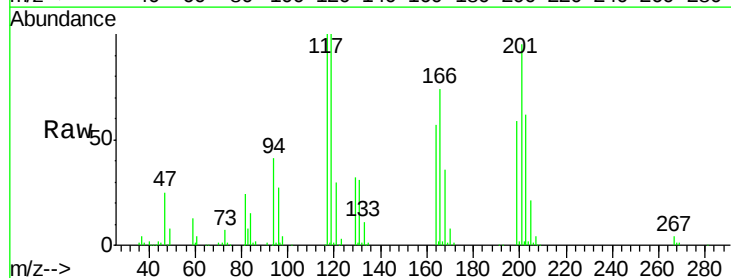
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#90
Hexachloroethane
Concen: 20.133 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.4	46.1	138.3





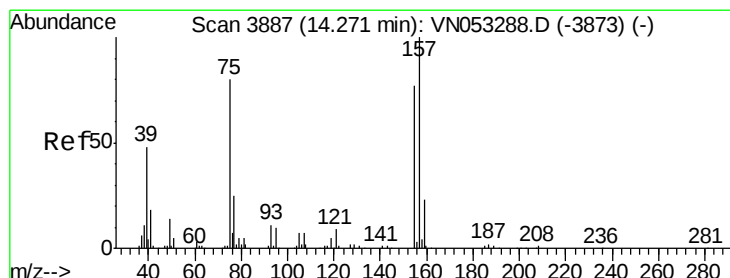
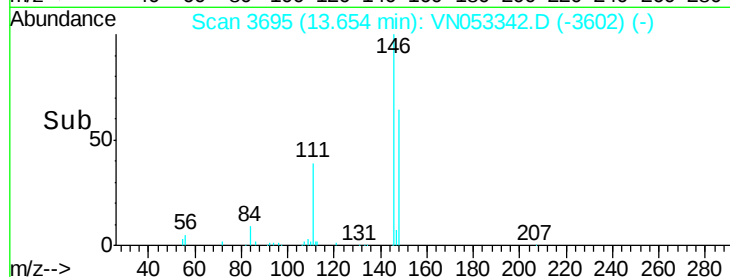
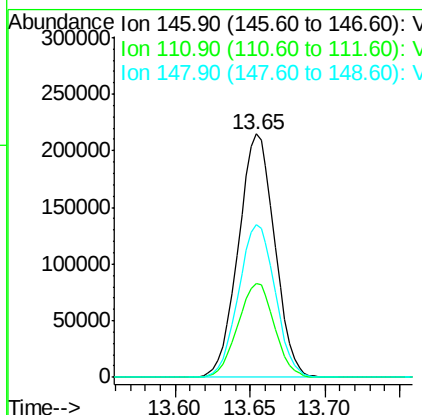
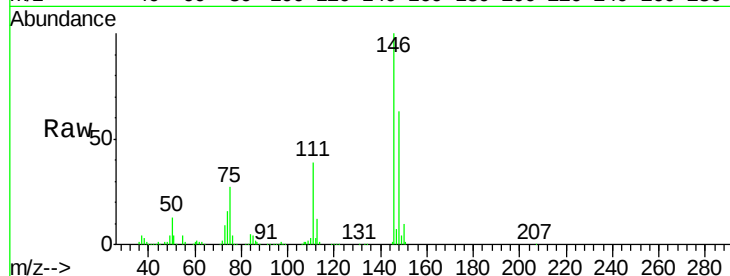
#91
 1,2-Dichlorobenzene
 Concen: 19.897 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	63.2	32.2	96.6

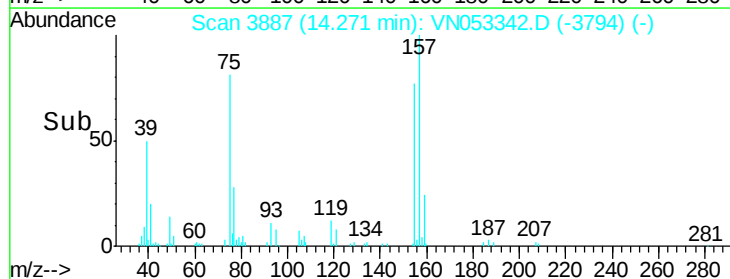
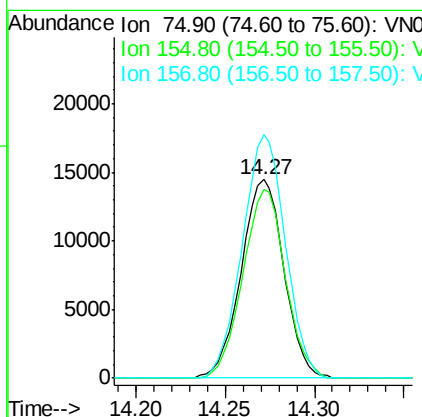
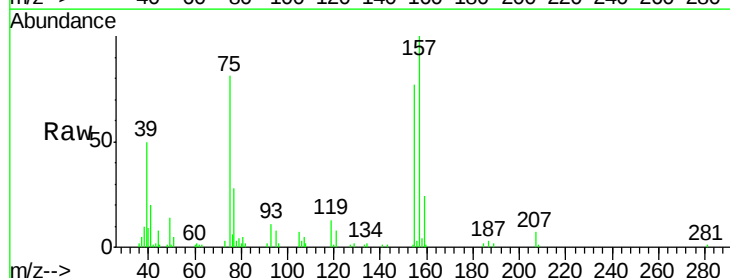
Manual Integrations
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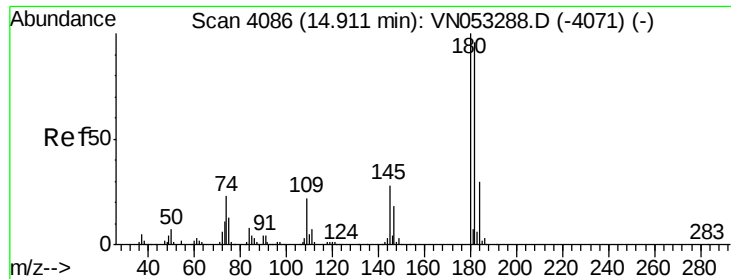
MMDadoda
 1/11/2019 10:12:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.964 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	48.1	144.3
157	123.4	61.5	184.4





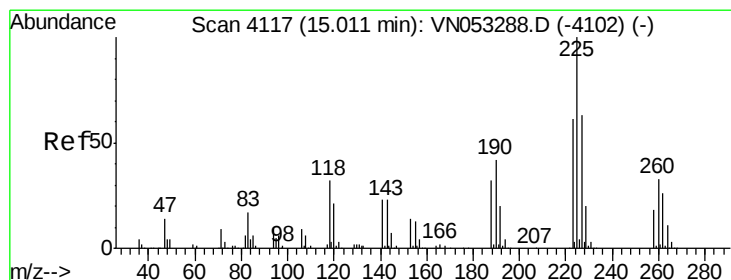
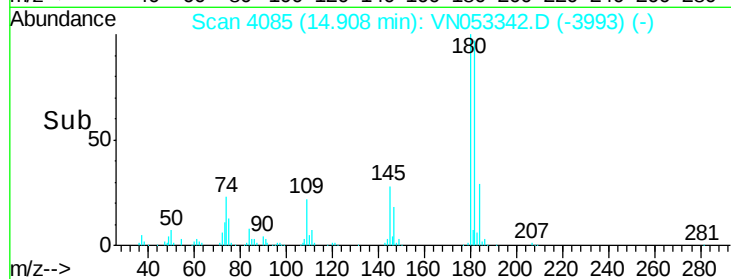
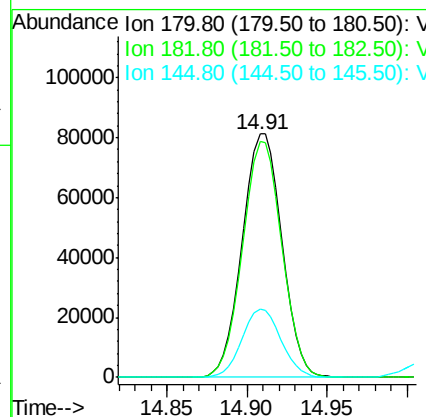
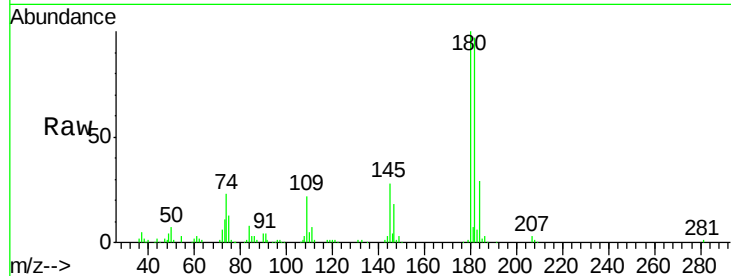
#93
 1,2,4-Trichlorobenzene
 Concen: 23.989 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	27.7	14.4	43.0

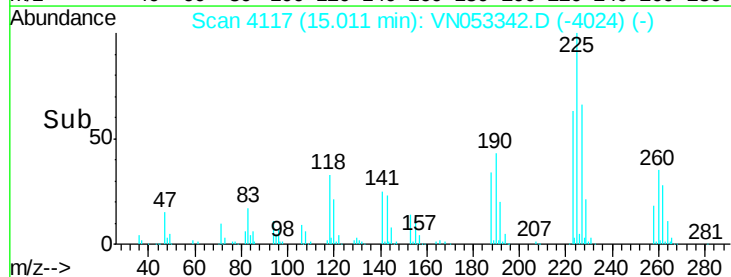
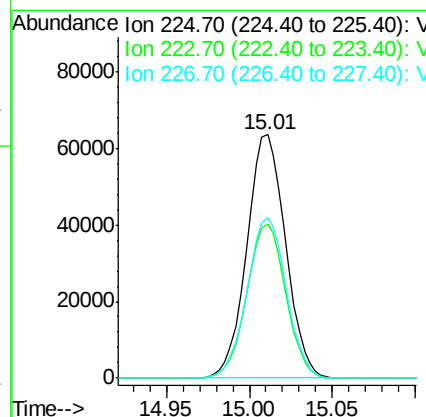
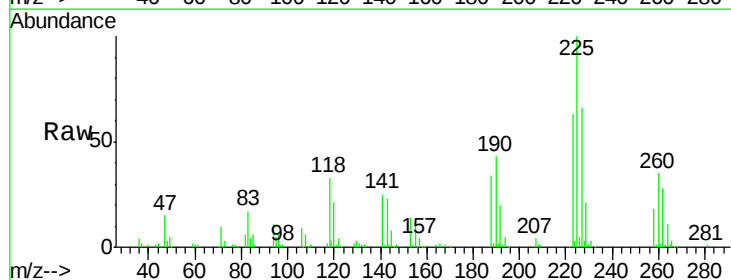
Manual Integrations
 APPROVED

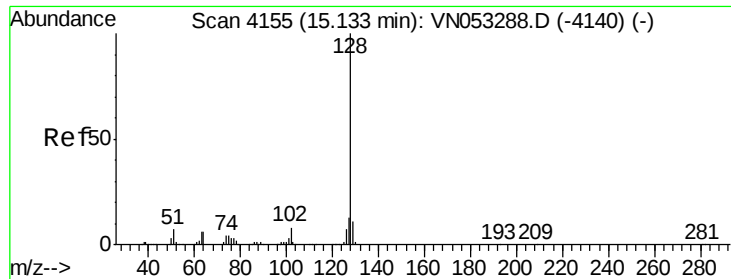
MMDadoda
 1/11/2019 10:12:01 AM



#94
 Hexachlorobutadiene
 Concen: 22.030 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053342.D
 Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.9	92.8
227	66.5	31.4	94.2





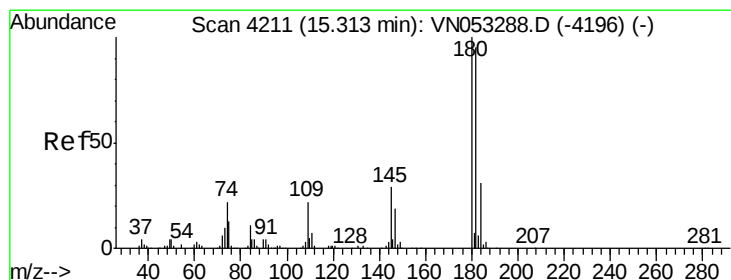
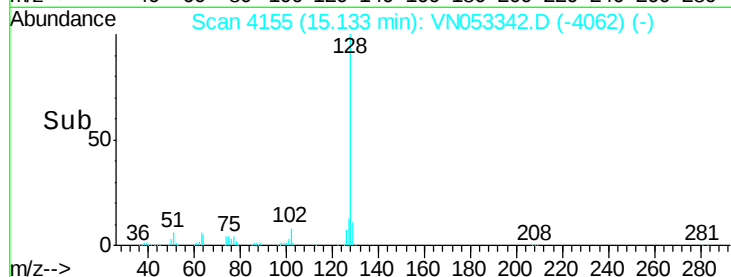
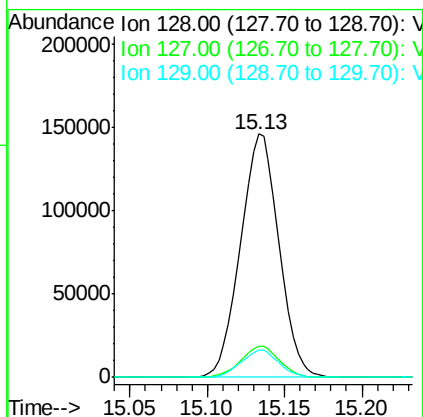
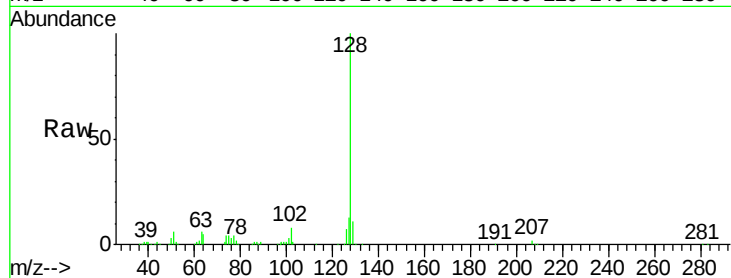
#95
Naphthalene
Concen: 25.858 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/11/2019 10:12:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 25.634 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053342.D
Acq: 10 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.4	145.0
145	29.8	14.9	44.5

