

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011520\
 Data File : VN059712.D
 Acq On : 15 Jan 2020 11:16
 Operator : JC/MD
 Sample : VN0115WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Jan 16 04:25:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

1/16/2020 10:56:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	297687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	267844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	110092	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.57	113	93576	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.08	98	356530	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	124943	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47100	20.315	ug/l	99
3) Chloromethane	2.04	50	45972	20.732	ug/l	97
4) Vinyl Chloride	2.17	62	55672	21.943	ug/l	97
5) Bromomethane	2.54	94	33694	21.761	ug/l	95
6) Chloroethane	2.69	64	25391	21.153	ug/l	97
7) Trichlorofluoromethane	3.00	101	63918	20.977	ug/l	95
8) Diethyl Ether	3.38	74	22606	21.141	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36135	21.308	ug/l	92
10) Methyl Iodide	3.93	142	56165	20.490	ug/l	94
11) Tert butyl alcohol	4.73	59	37228	102.811	ug/l	100
12) 1,1-Dichloroethene	3.72	96	36416	20.550	ug/l	87
13) Acrolein	3.58	56	19861	77.484	ug/l	98
14) Allyl chloride	4.29	41	51532	21.575	ug/l #	89
15) Acrylonitrile	4.95	53	86055	104.186	ug/l	99
16) Acetone	3.78	43	80513	103.896	ug/l	98
17) Carbon Disulfide	4.03	76	102237	20.253	ug/l	100
18) Methyl Acetate	4.29	43	51272	20.407	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	120177	20.801	ug/l	96
20) Methylene Chloride	4.52	84	39750	19.640	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	38342	20.355	ug/l	89
22) Diisopropyl ether	5.92	45	111530	20.605	ug/l	94
23) Vinyl Acetate	5.86	43	427174	101.932	ug/l	95
24) 1,1-Dichloroethane	5.82	63	68338	20.663	ug/l	98
25) 2-Butanone	6.80	43	116678	95.790	ug/l	92
26) 2,2-Dichloropropane	6.80	77	63142	19.859	ug/l	94
27) cis-1,2-Dichloroethene	6.80	96	45098	20.816	ug/l	87
28) Bromochloromethane	7.17	49	26721	20.214	ug/l #	73
29) Tetrahydrofuran	7.18	42	74423	98.751	ug/l #	87
30) Chloroform	7.35	83	71439	20.847	ug/l	98
31) Cyclohexane	7.63	56	62270	19.567	ug/l	86
32) 1,1,1-Trichloroethane	7.54	97	66266	20.914	ug/l	96
36) 1,1-Dichloropropene	7.77	75	53175	20.512	ug/l	95
37) Ethyl Acetate	6.90	43	46770	19.236	ug/l	95
38) Carbon Tetrachloride	7.75	117	58856	20.871	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations
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MMDadoda

Quant Time: Jan 16 04:25:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	65161	20.385	ug/l	92
40) Benzene	8.02	78	158517	20.503	ug/l	99
41) Methacrylonitrile	7.15	41	22982m	19.190	ug/l	
42) 1,2-Dichloroethane	8.10	62	54853	20.926	ug/l	97
43) Isopropyl Acetate	8.14	43	82428	19.710	ug/l #	94
44) Trichloroethene	8.82	130	45063	21.351	ug/l	96
45) 1,2-Dichloropropane	9.10	63	40069	20.944	ug/l	99
46) Dibromomethane	9.19	93	28249	20.932	ug/l	90
47) Bromodichloromethane	9.39	83	56442	20.754	ug/l	98
48) Methyl methacrylate	9.18	41	37654	20.129	ug/l	90
49) 1,4-Dioxane	9.18	88	14919	435.655	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	239284	98.977	ug/l	94
52) Toluene	10.14	92	102127	20.913	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	61219	20.160	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	67454	21.112	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	40126	20.746	ug/l	96
56) Ethyl methacrylate	10.42	69	59156	20.016	ug/l	93
57) 1,3-Dichloropropane	10.70	76	65125	21.209	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	102183	114.790	ug/l	91
59) 2-Hexanone	10.74	43	179033	100.522	ug/l	95
60) Dibromochloromethane	10.89	129	45505	20.660	ug/l	99
61) 1,2-Dibromoethane	10.99	107	42310	20.871	ug/l	100
64) Tetrachloroethene	10.62	164	42976	19.687	ug/l	94
65) Chlorobenzene	11.43	112	109357	20.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42984	21.130	ug/l	98
67) Ethyl Benzene	11.50	91	196888	20.602	ug/l	97
68) m/p-Xylenes	11.62	106	150980	41.822	ug/l	92
69) o-Xylene	11.94	106	73059	20.672	ug/l	93
70) Styrene	11.96	104	120582	20.389	ug/l	96
71) Bromoform	12.12	173	33967	20.846	ug/l #	99
73) Isopropylbenzene	12.24	105	193510	21.286	ug/l	99
74) N-amyl acetate	12.06	43	69350	19.659	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	56842	21.568	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	50565m	24.239	ug/l	
77) Bromobenzene	12.52	156	49497	21.500	ug/l	81
78) n-propylbenzene	12.59	91	216666	21.234	ug/l	97
79) 2-Chlorotoluene	12.67	91	127161	20.948	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	163041	21.325	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19949	20.536	ug/l	93
82) 4-Chlorotoluene	12.77	91	128023	21.027	ug/l	94
83) tert-Butylbenzene	12.99	119	142214	21.507	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	160395	21.205	ug/l	97
85) sec-Butylbenzene	13.17	105	184196	21.202	ug/l	99
86) p-Isopropyltoluene	13.28	119	168741	20.991	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	85192	21.303	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84354	21.144	ug/l	98
89) n-Butylbenzene	13.61	91	142354	20.769	ug/l	98
90) Hexachloroethane	13.87	117	31590	21.003	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	83840	21.206	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12535	20.946	ug/l	84

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	50584	21.293	ug/l	98
94) Hexachlorobutadiene	15.01	225	28334	21.644	ug/l	97
95) Naphthalene	15.13	128	140744	20.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49631	21.464	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011520\
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Acq On : 15 Jan 2020 11:16
Operator : JC/MD
Sample : VN0115WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

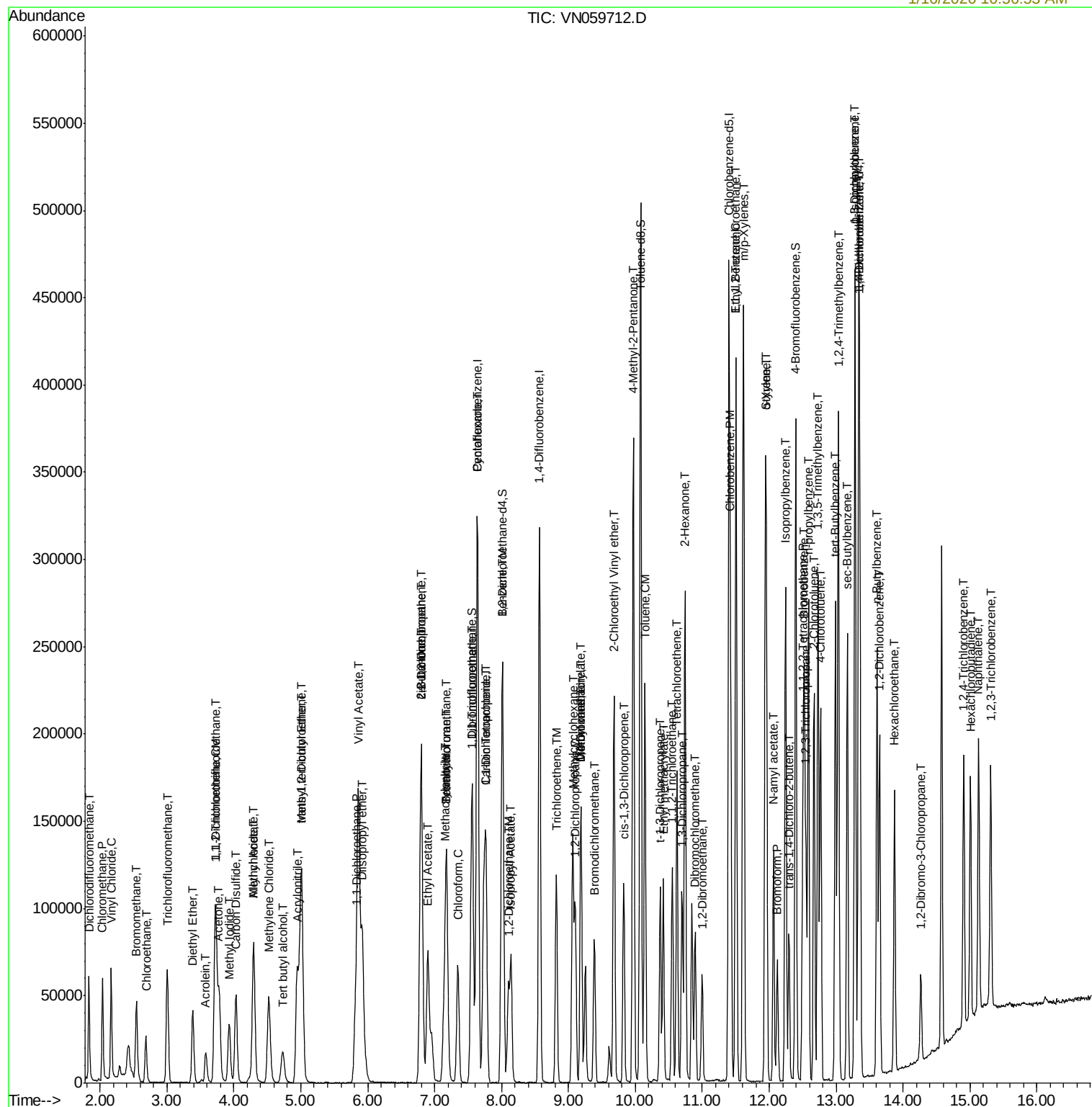
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

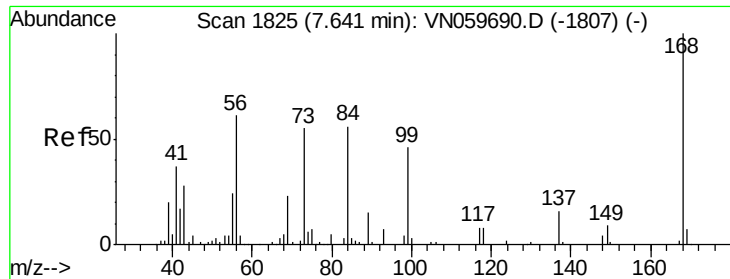
Manual Integrations
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MMDadoda

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

Tot Ion:168 Resp: 193687

Ion Ratio Lower Upper

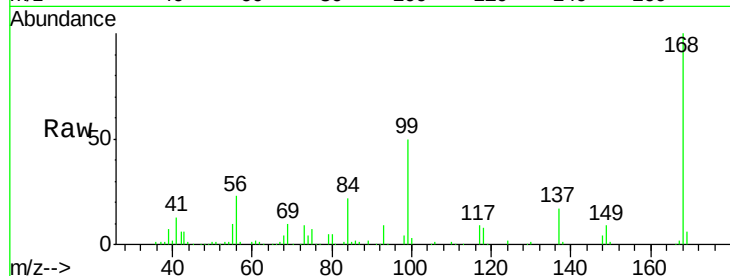
168 100

99 50.4 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

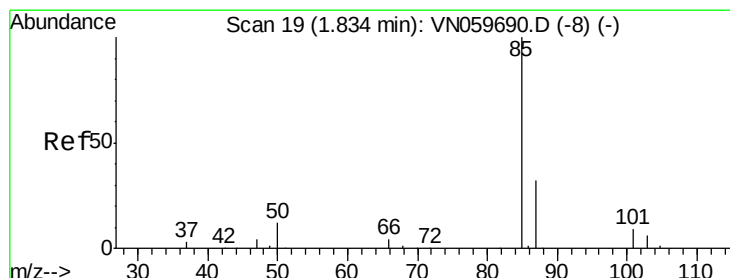
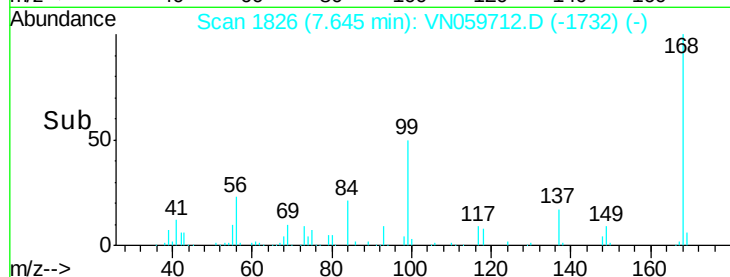
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 20.315 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059712.D

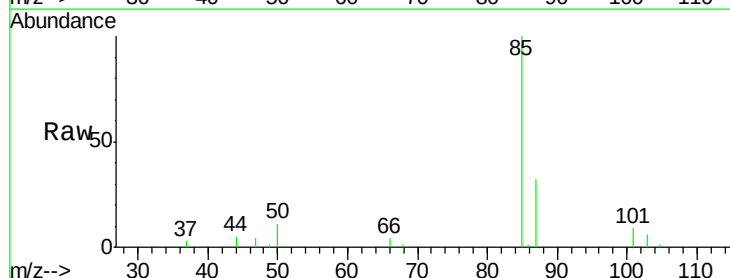
Acq: 15 Jan 2020 11:16

Tgt Ion: 85 Resp: 47100

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

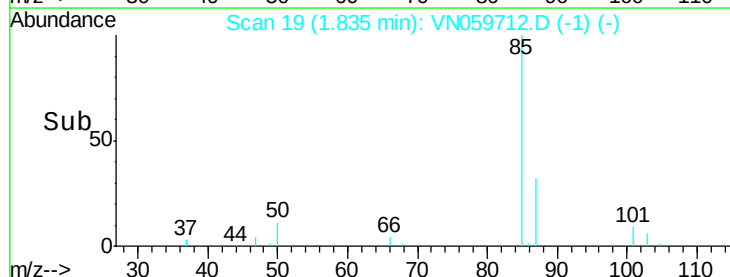
30000

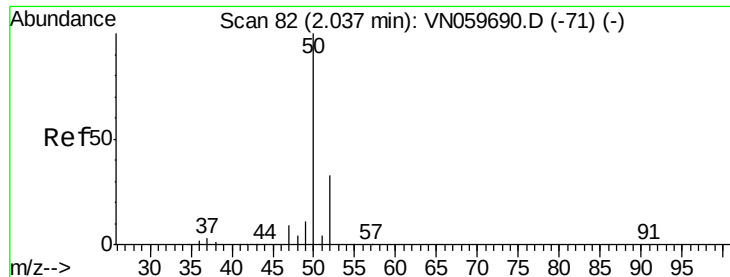
20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.732 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

Tot Ion: 50 Resp: 45972

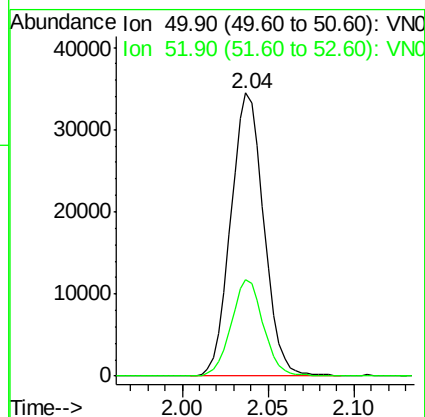
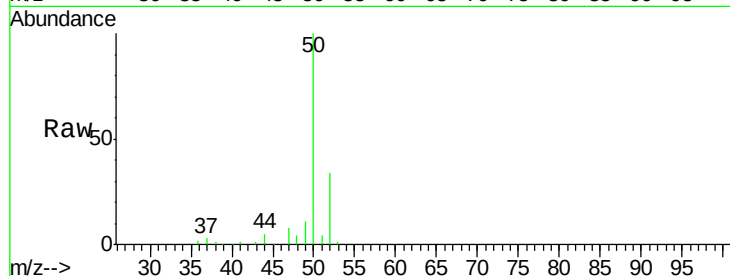
Ion Ratio Lower Upper

50 100

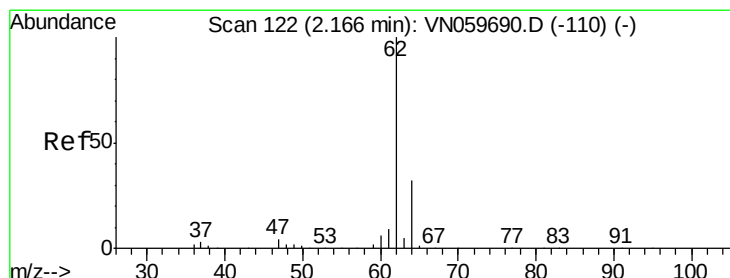
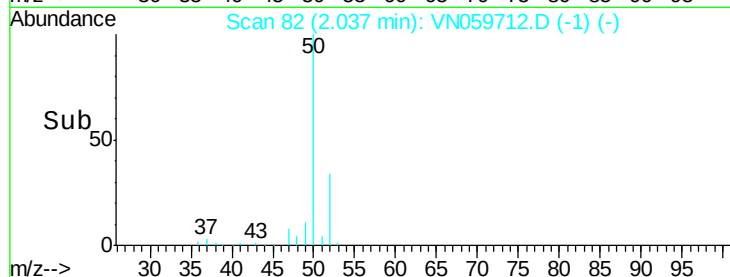
52 34.3 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.943 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059712.D

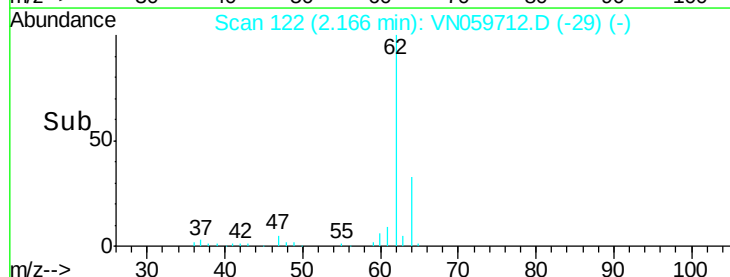
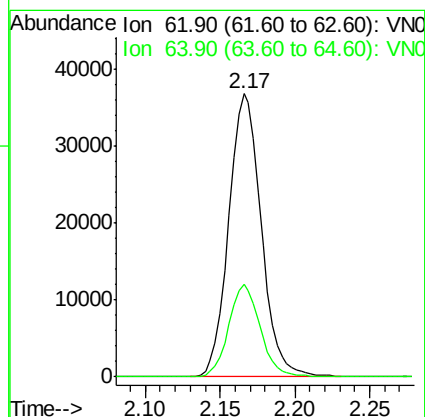
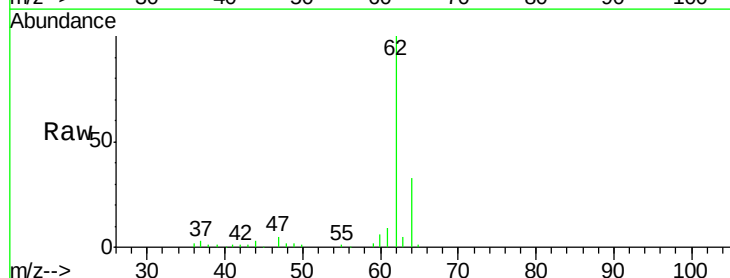
Acq: 15 Jan 2020 11:16

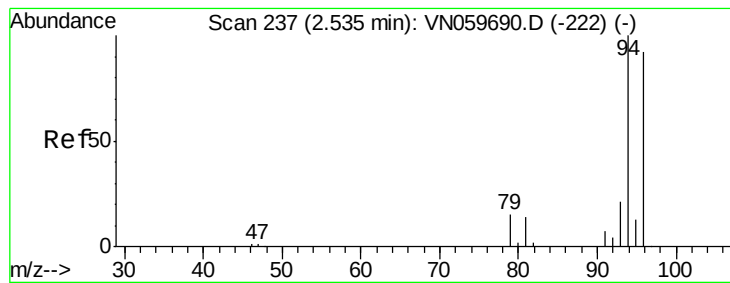
Tgt Ion: 62 Resp: 55672

Ion Ratio Lower Upper

62 100

64 32.5 24.6 37.0





#5

Bromomethane

Concen: 21.761 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

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ClientSampleId :

VN0115WBS01

Tot Ion: 94 Resp: 33694

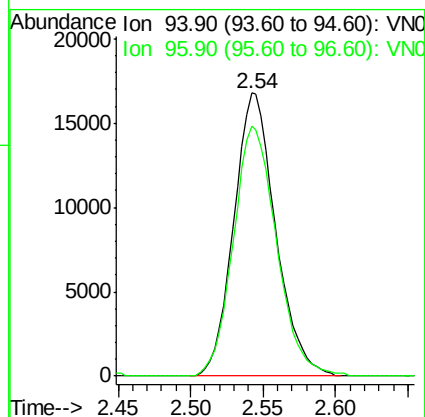
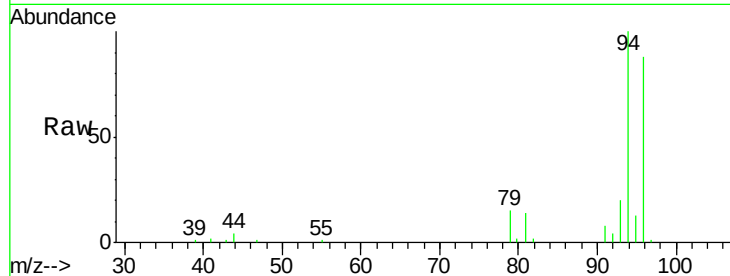
Ion Ratio Lower Upper

94 100

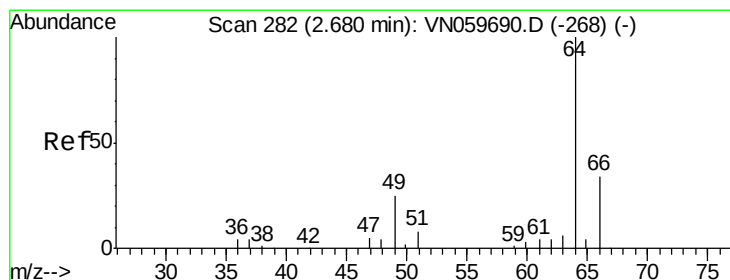
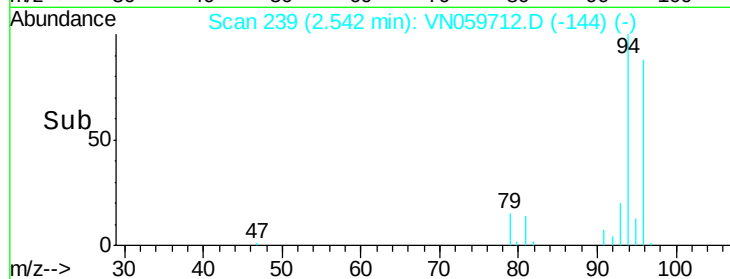
96 88.2 74.7 112.1

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#6

Chloroethane

Concen: 21.153 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059712.D

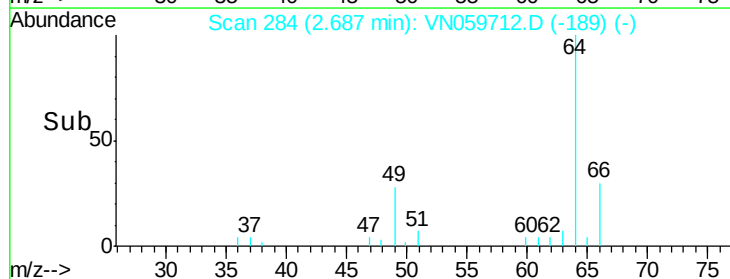
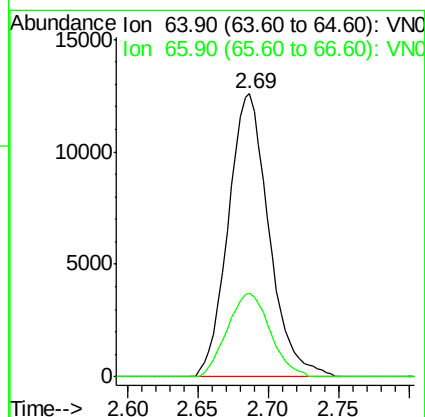
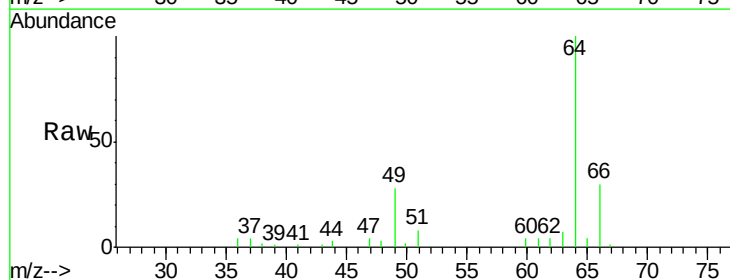
Acq: 15 Jan 2020 11:16

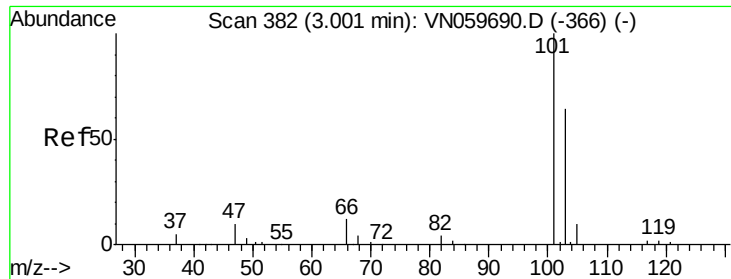
Tgt Ion: 64 Resp: 25391

Ion Ratio Lower Upper

64 100

66 29.7 25.1 37.7





#7

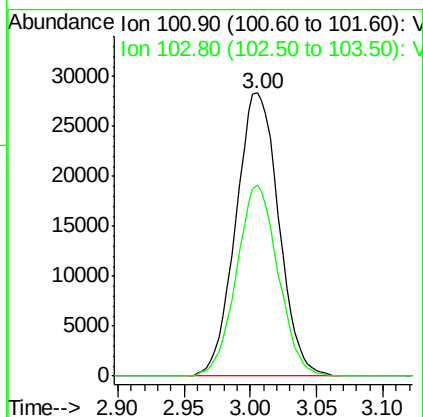
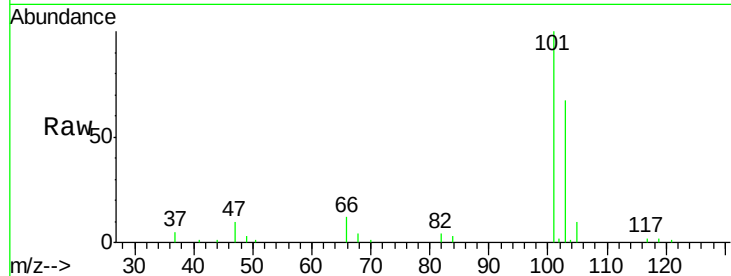
Trichlorofluoromethane
Concen: 20.977 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
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VN0115WBS01

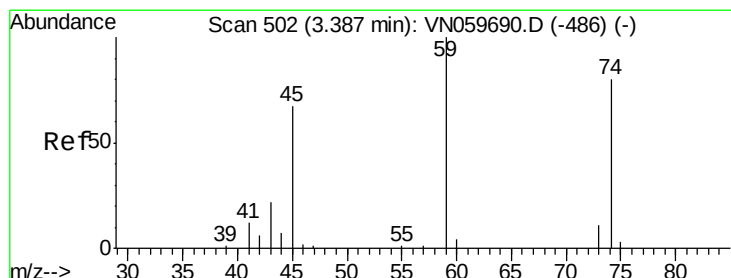
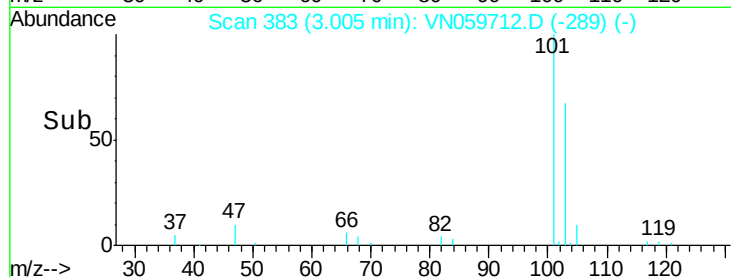
Tot Ion:101 Resp: 63918
Ion Ratio Lower Upper
101 100
103 67.4 51.0 76.6

Manual Integrations
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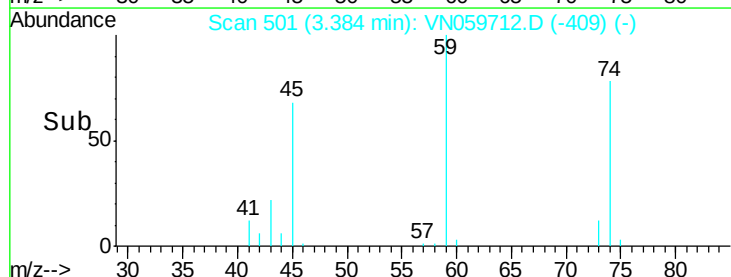
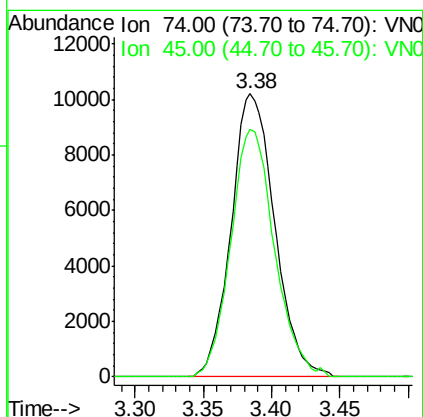
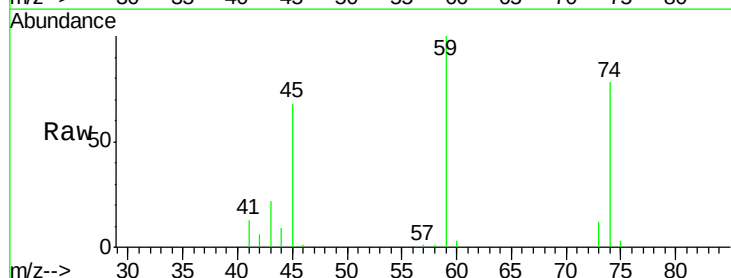
1/16/2020 10:56:53 AM

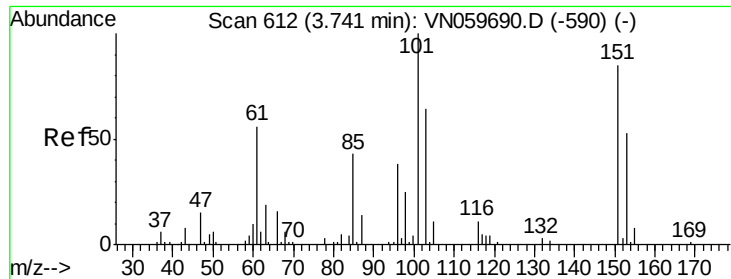


#8

Diethyl Ether
Concen: 21.141 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 74 Resp: 22606
Ion Ratio Lower Upper
74 100
45 87.8 51.9 155.8





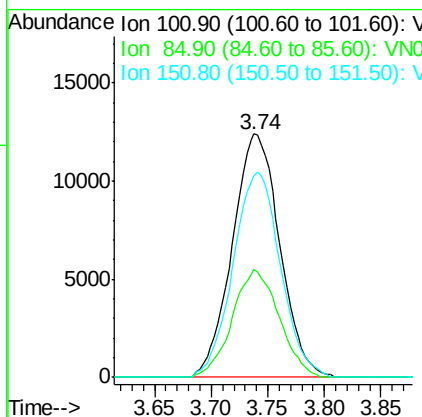
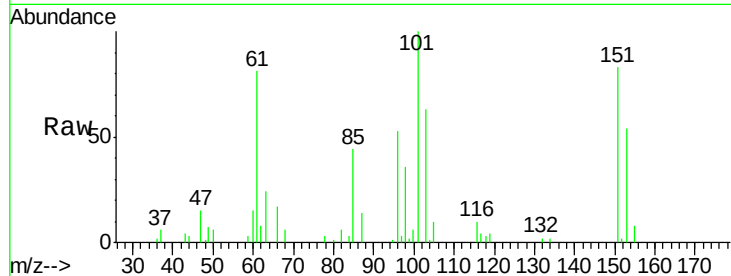
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.308 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
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ClientSampleId :
VN0115WBS01

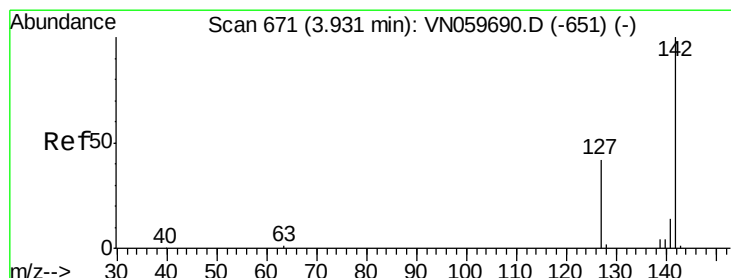
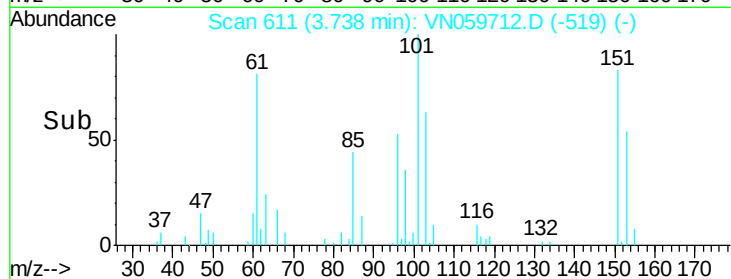
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.5	36.6	54.8
151	84.2	59.7	89.5

Manual Integrations
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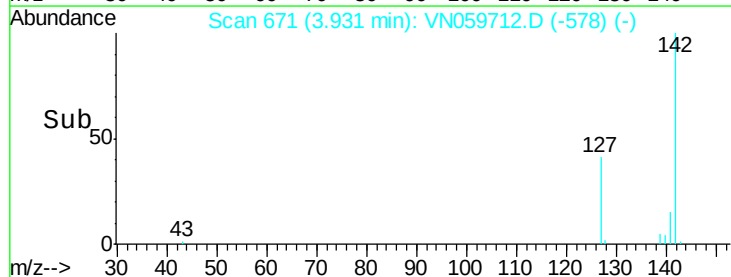
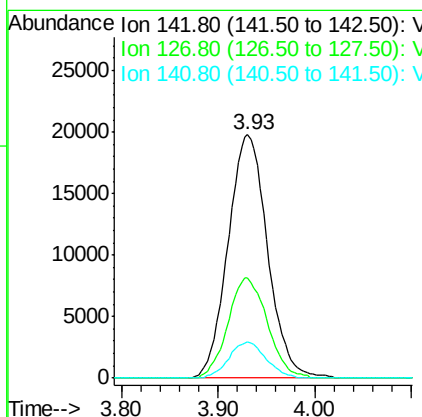
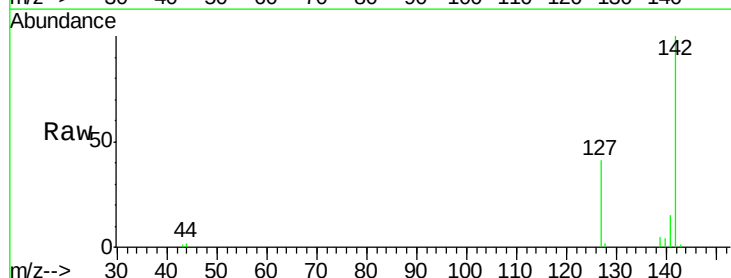


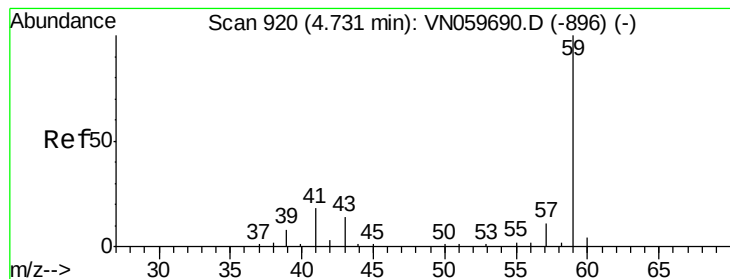
1/16/2020 10:56:53 AM



#10
Methyl Iodide
Concen: 20.490 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.0	36.7	55.1
141	13.9	11.7	17.5





#11

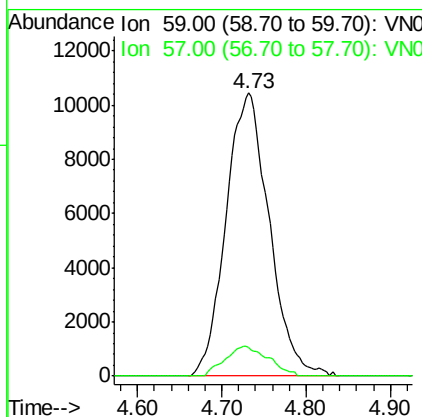
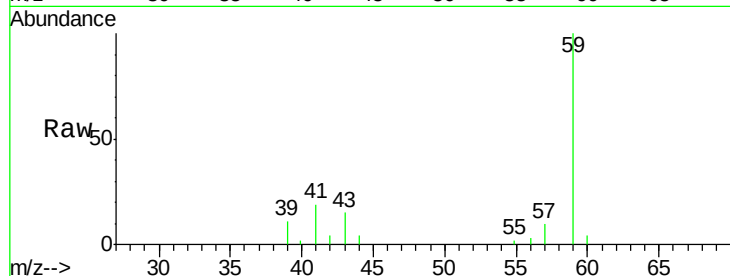
Tert butyl alcohol
Concen: 102.811 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

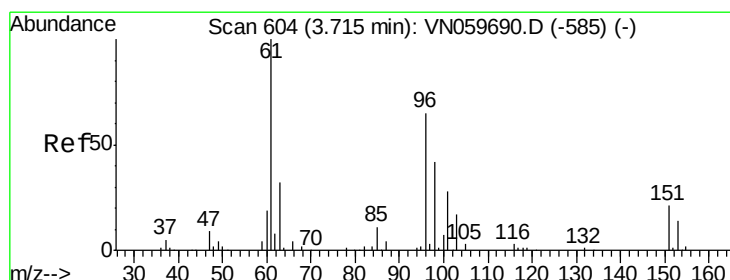
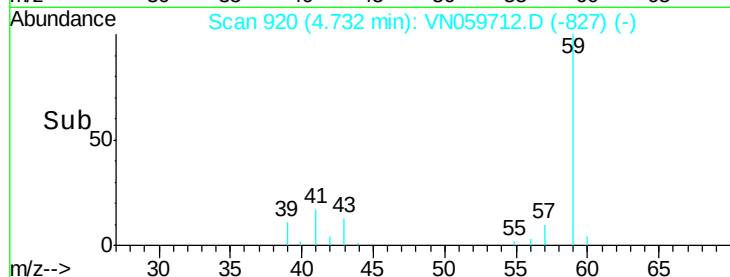
Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8

Manual Integrations
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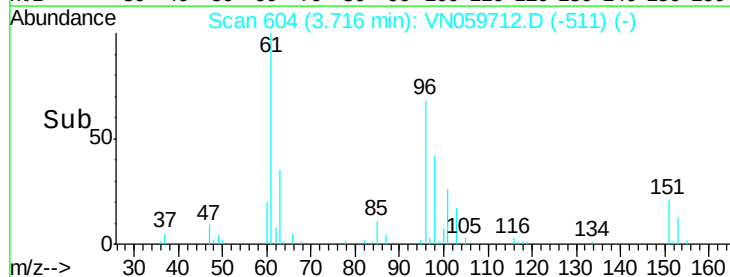
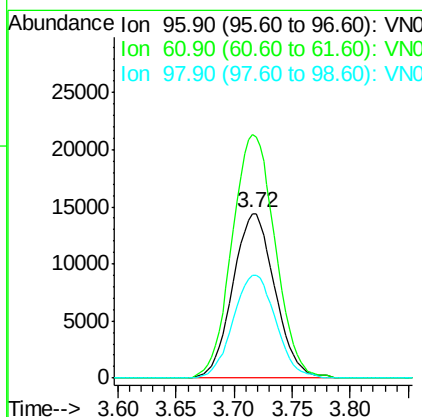
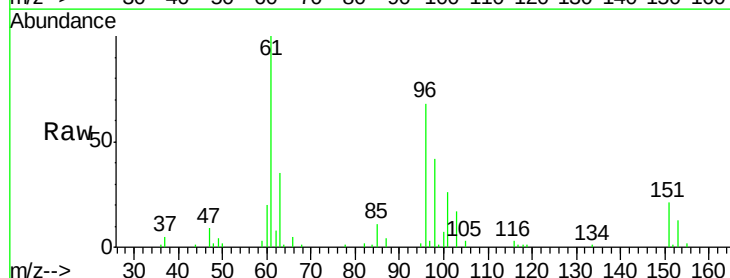
1/16/2020 10:56:53 AM

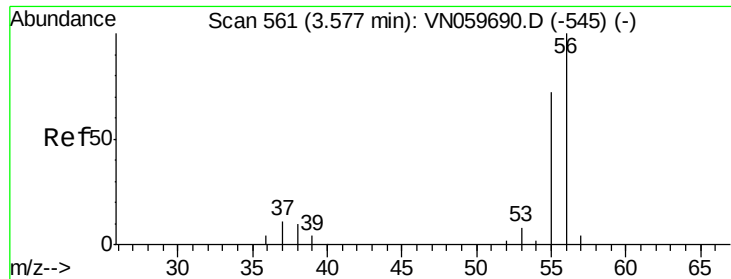


#12

1,1-Dichloroethene
Concen: 20.550 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.8	137.5	206.3
98	62.2	50.2	75.4





#13

Acrolein

Concen: 77.484 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

Tot Ion: 56 Resp: 19861

Ion Ratio Lower Upper

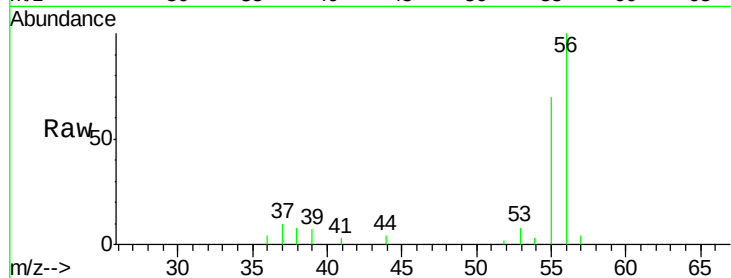
56 100

55 71.6 58.6 88.0

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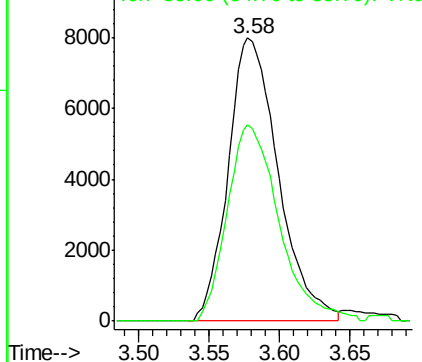
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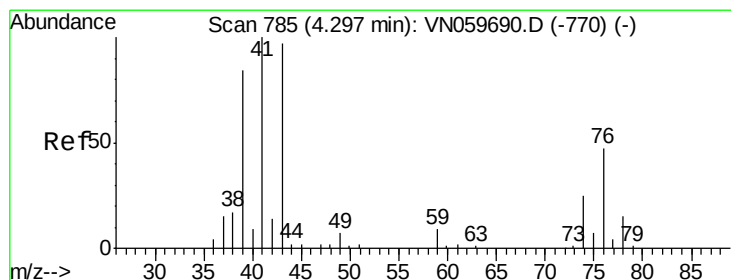
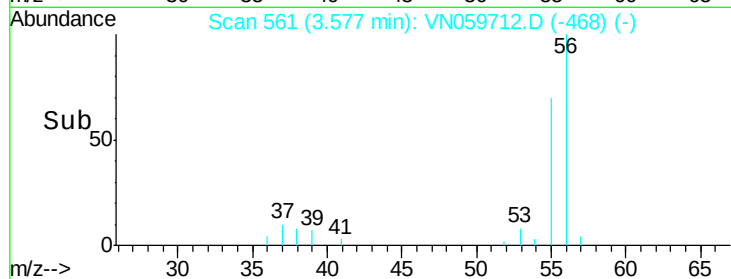


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



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#14

Allyl chloride

Concen: 21.575 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

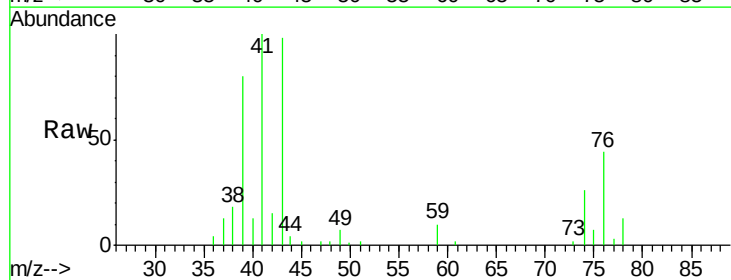
Tgt Ion: 41 Resp: 51532

Ion Ratio Lower Upper

41 100

39 79.0 57.8 86.8

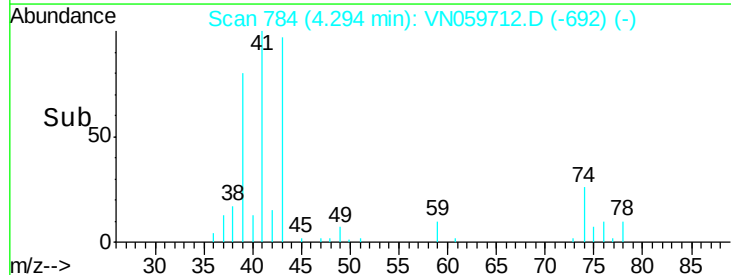
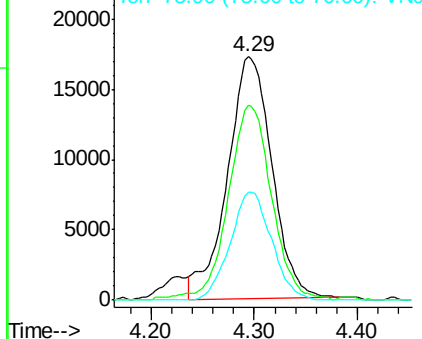
76 41.5 25.4 38.0#

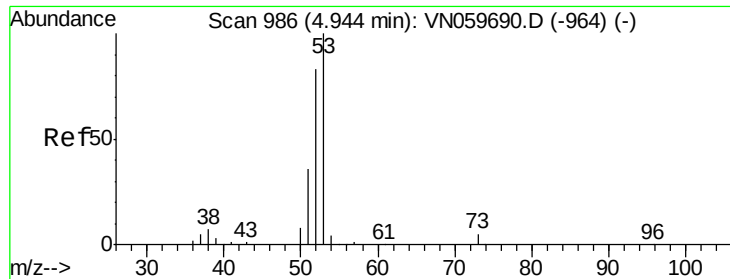


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 104.186 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

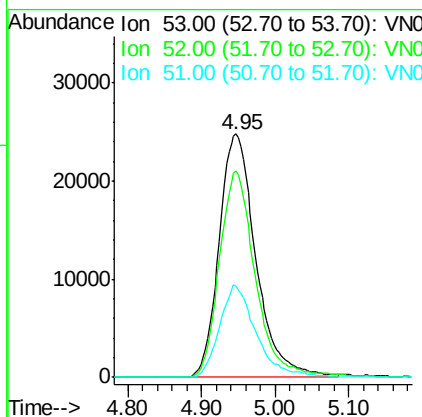
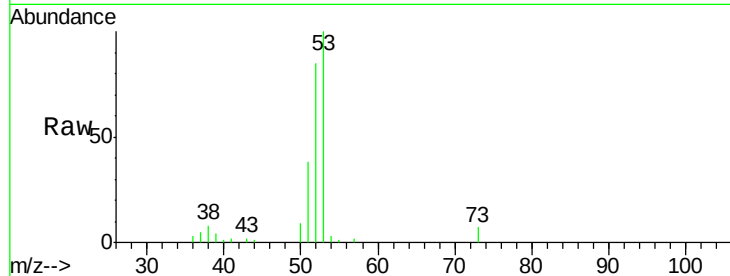
ClientSampleId :

VN0115WBS01

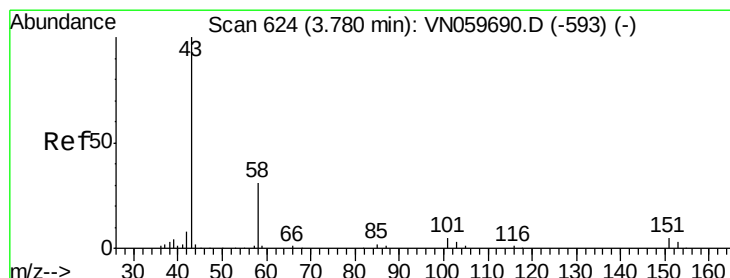
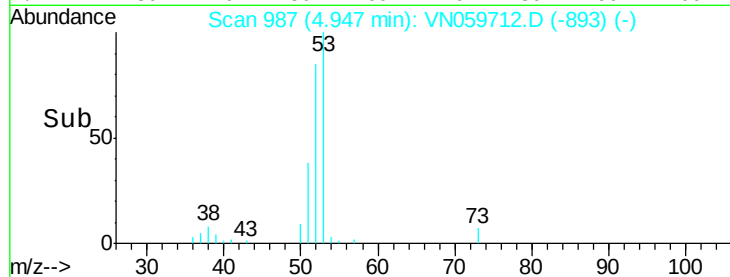
Tot Ion:	53	Resp:	86055
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.3	99.5
51	37.5	29.7	44.5

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#16

Acetone

Concen: 103.896 ug/l

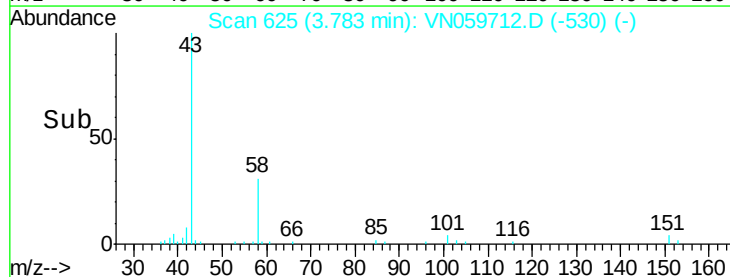
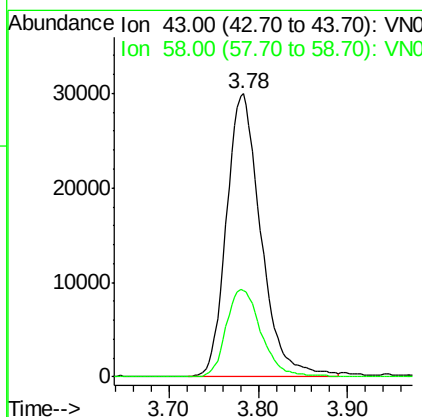
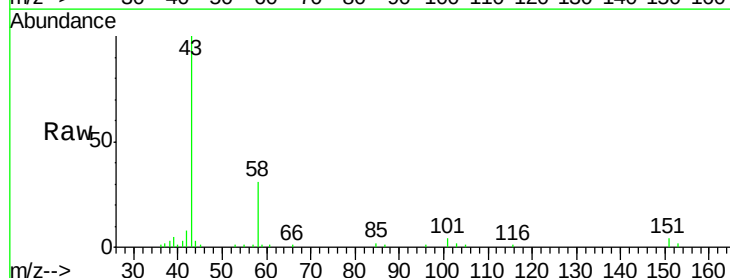
RT: 3.78 min Scan# 625

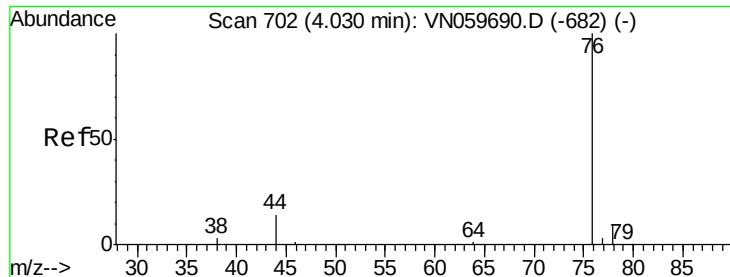
Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion:	43	Resp:	80513
Ion Ratio	Lower	Upper	
43	100		
58	30.7	23.6	35.4





#17

Carbon Disulfide

Concen: 20.253 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tot Ion: 76 Resp: 102237

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

Instrument :

MSVOA_N

ClientSampled :

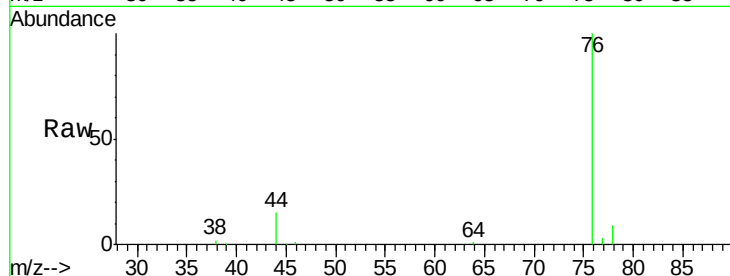
VN0115WBS01

Manual Integrations

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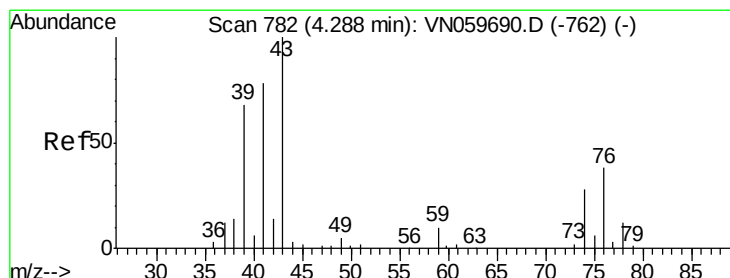
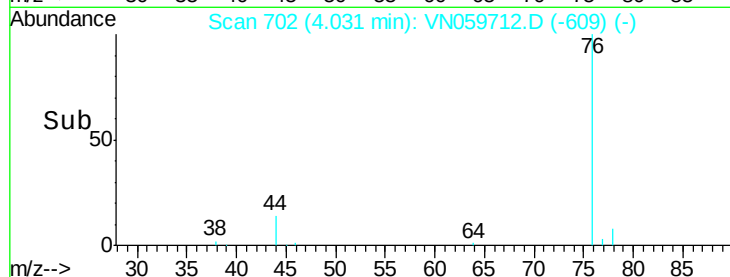
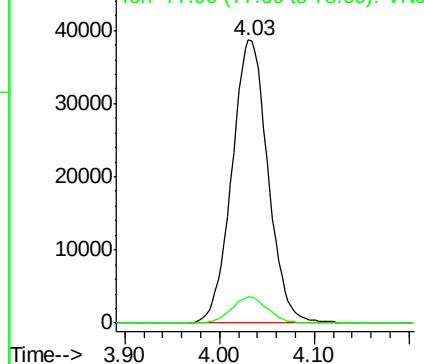
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.407 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN059712.D

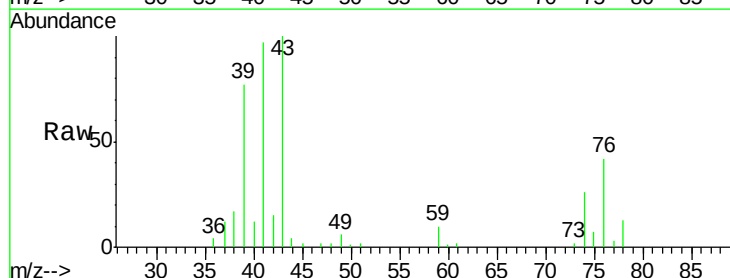
Acq: 15 Jan 2020 11:16

Tgt Ion: 43 Resp: 51272

Ion Ratio Lower Upper

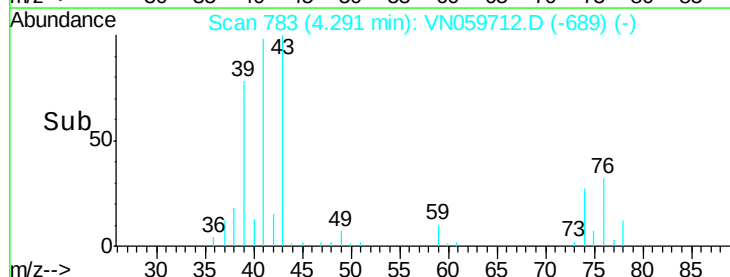
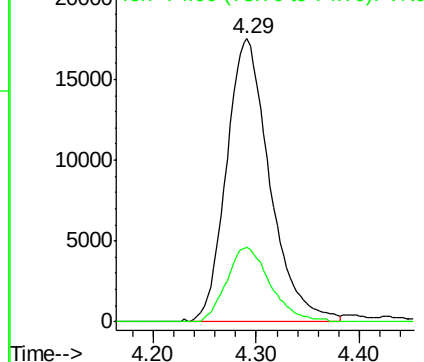
43 100

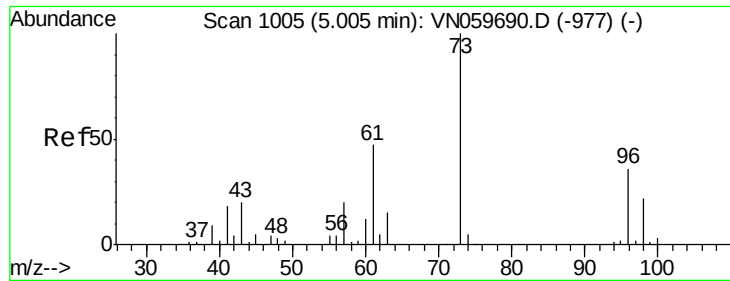
74 26.5 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19
Methvl tert-butvl Ether
Concen: 20.801 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

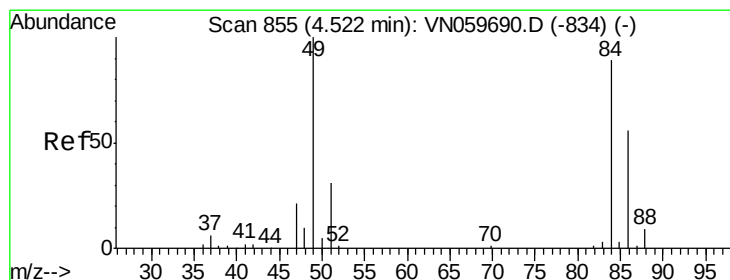
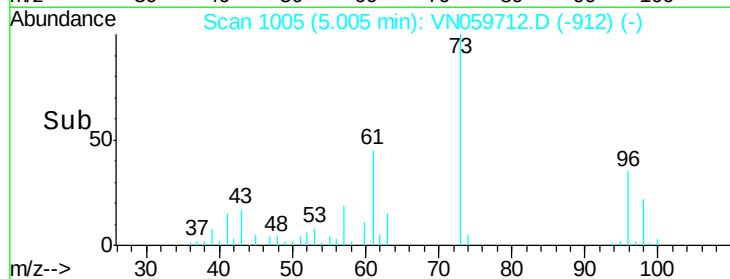
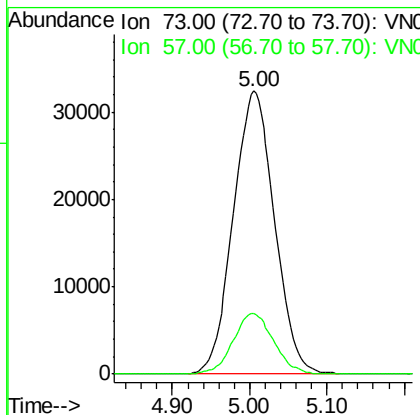
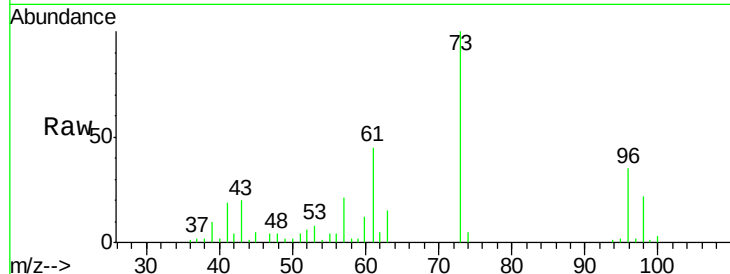
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Tot Ion: 73 Resp: 120177
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8

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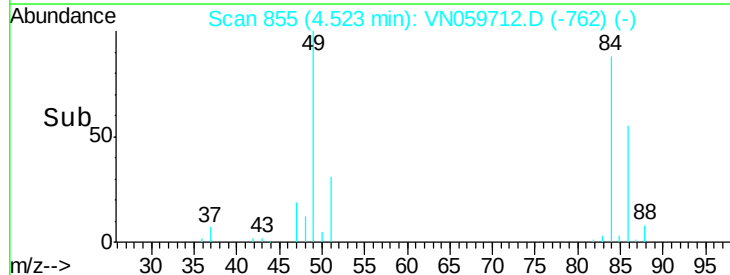
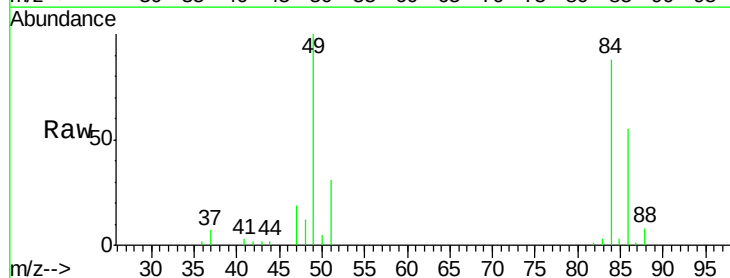
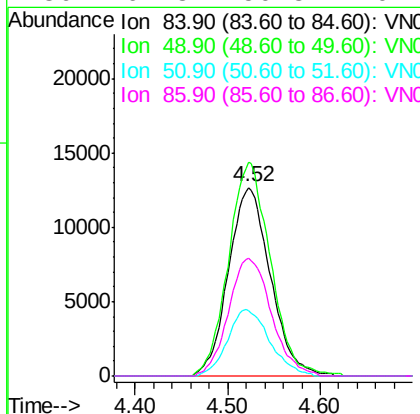
MMDadoda

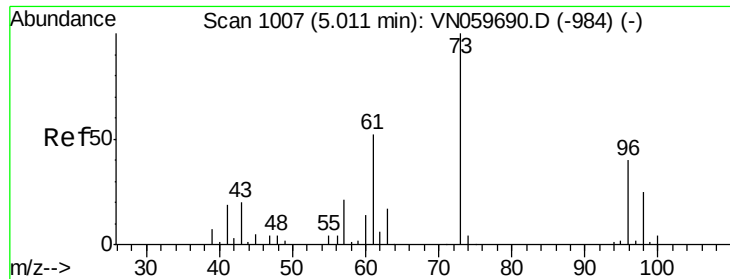
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#20
Methylene Chloride
Concen: 19.640 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 84 Resp: 39750
Ion Ratio Lower Upper
84 100
49 113.5 106.6 160.0
51 34.8 31.9 47.9
86 62.8 50.8 76.2





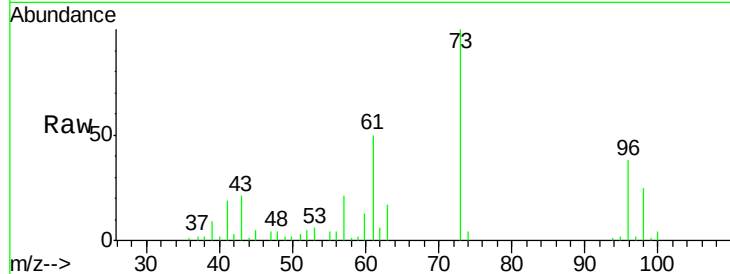
#21
trans-1,2-Dichloroethene
Concen: 20.355 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.6	120.4	180.6
98	64.5	50.6	75.8

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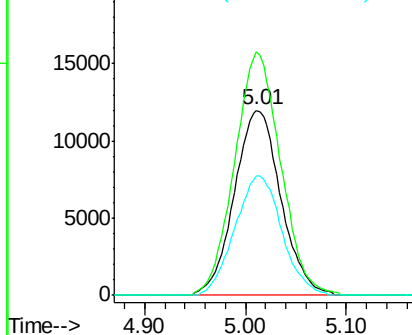


Abundance

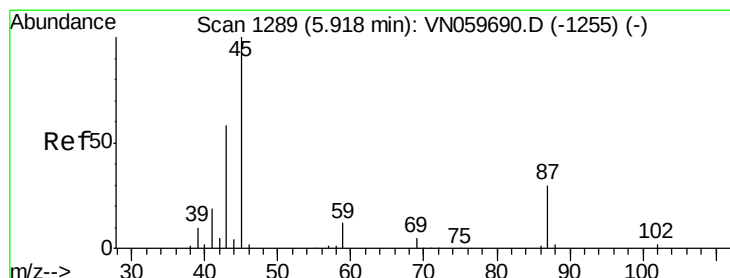
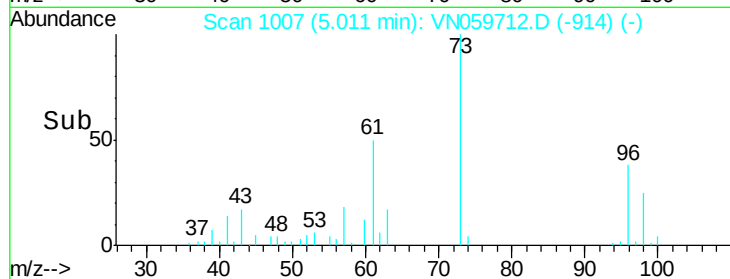
Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



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#22
Diisopropyl ether
Concen: 20.605 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.4	50.8	76.2
87	31.5	21.0	31.6
59	13.2	9.1	13.7

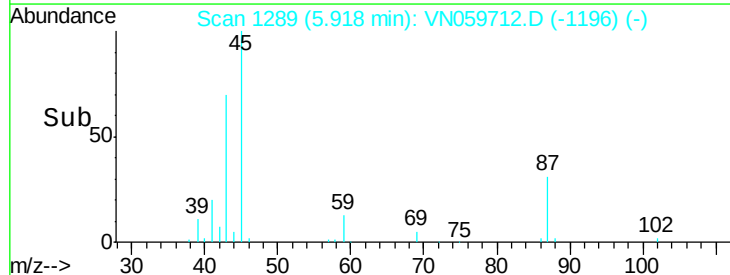
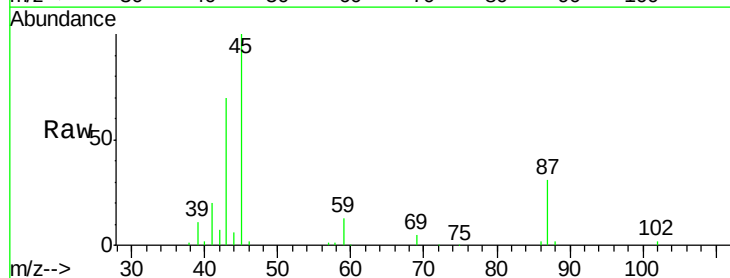
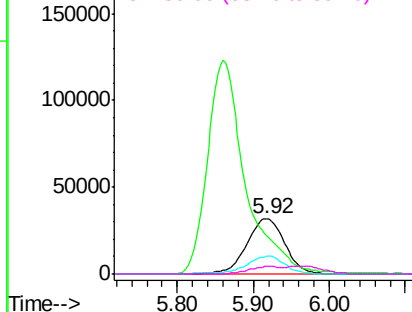
Abundance

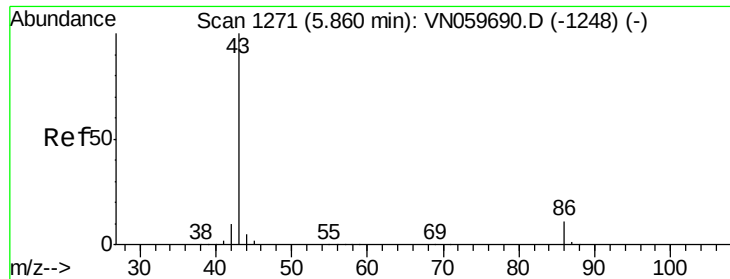
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





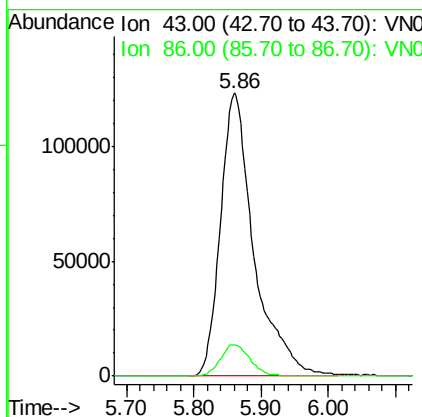
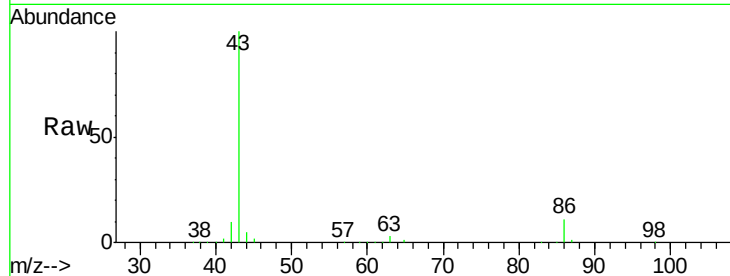
#23
 Vinyl Acetate
 Concen: 101.932 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBS01

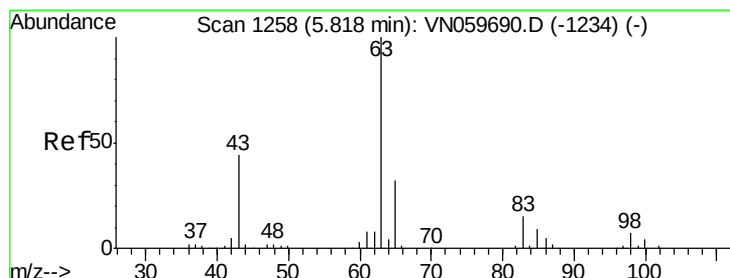
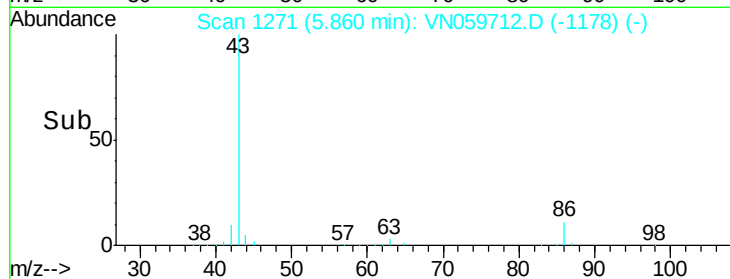
Tot Ion	43	Resp	427174
Ion Ratio	100	Lower	Upper
43	100		
86	11.2	7.6	11.4

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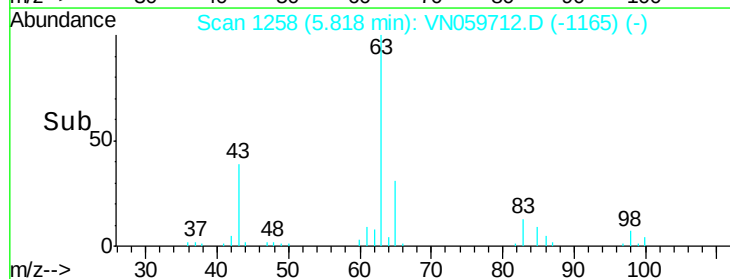
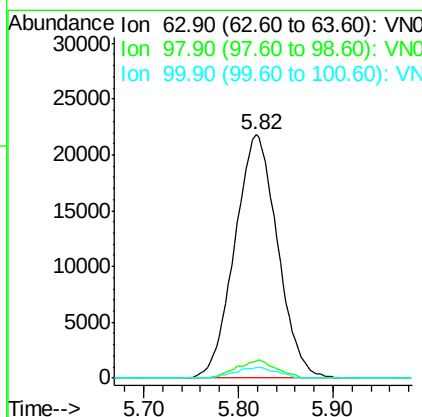
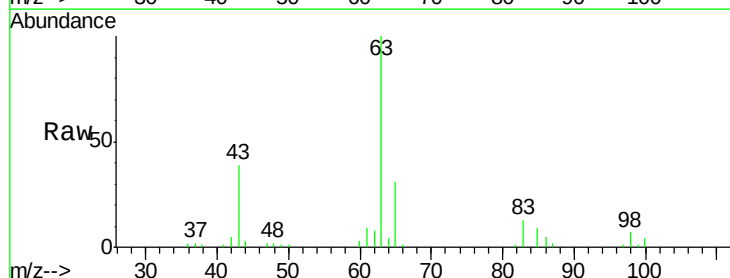


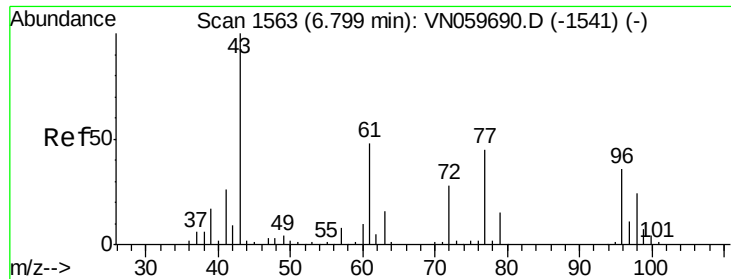
1/16/2020 10:56:53 AM



#24
 1,1-Dichloroethane
 Concen: 20.663 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion	63	Resp	68338
Ion Ratio	100	Lower	Upper
63	100		
98	7.1	2.9	8.7
100	4.2	2.0	6.0





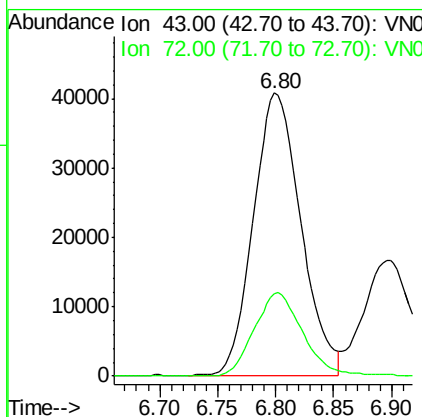
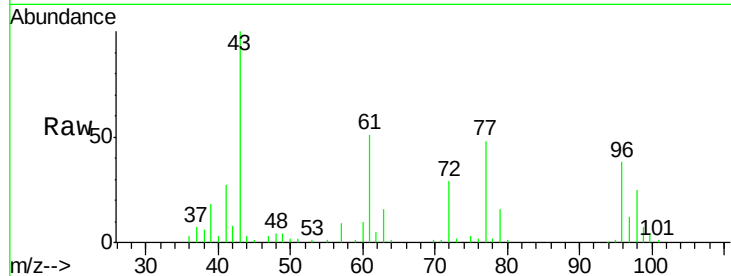
#25
2-Butanone
Concen: 95.790 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

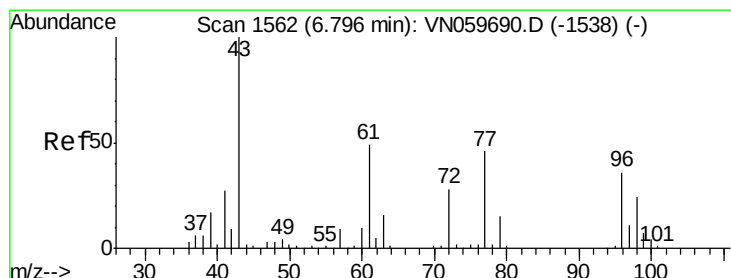
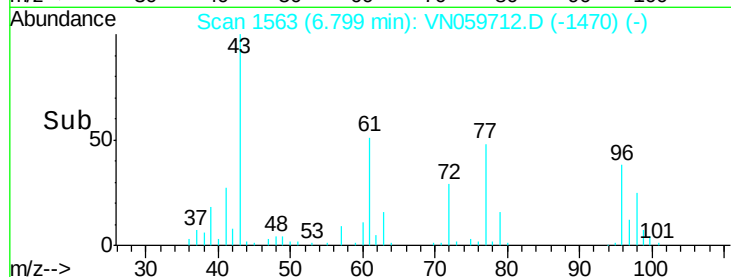
Tot Ion: 43 Resp: 116678
Ion Ratio Lower Upper
43 100
72 29.0 19.9 29.9

Manual Integrations
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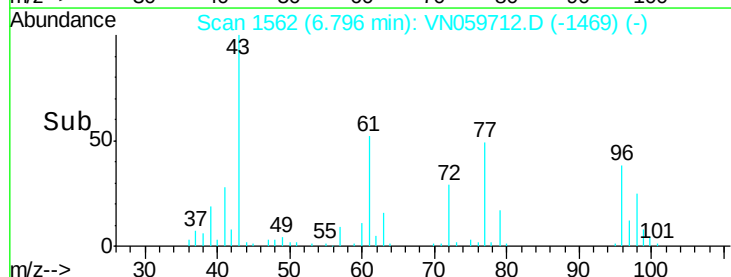
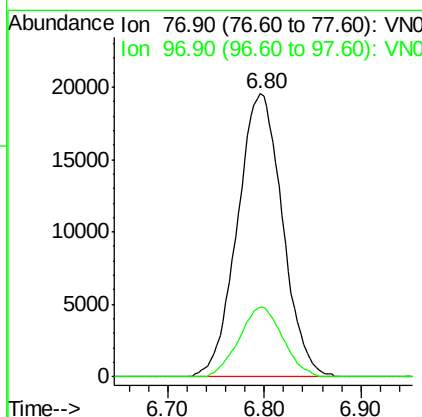
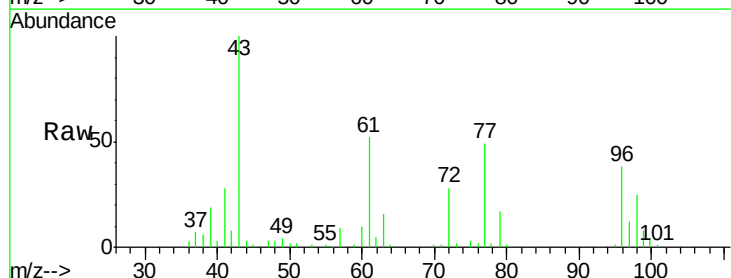


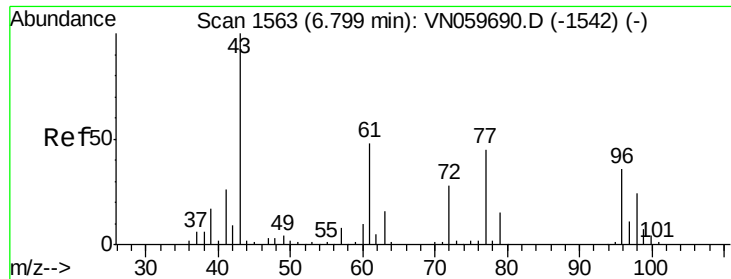
1/16/2020 10:56:53 AM



#26
2,2-Dichloropropane
Concen: 19.859 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 77 Resp: 63142
Ion Ratio Lower Upper
77 100
97 24.0 10.7 31.9





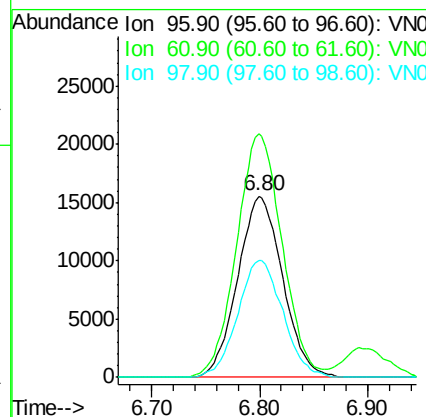
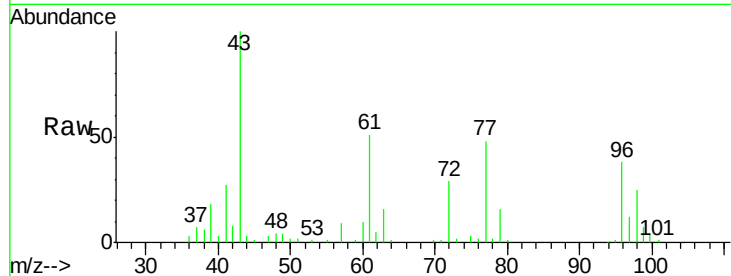
#27
 cis-1,2-Dichloroethene
 Concen: 20.816 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBS01

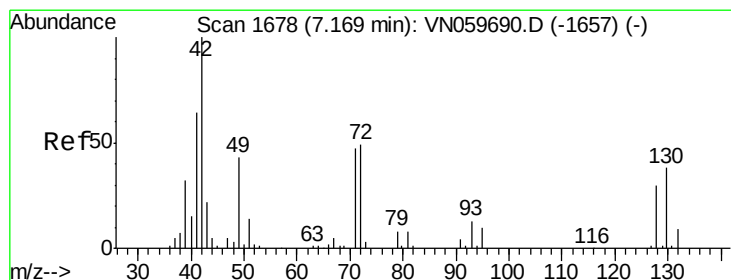
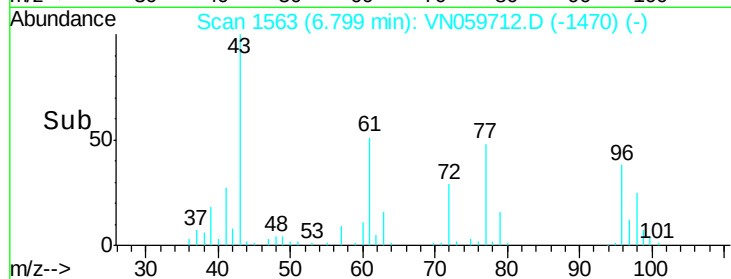
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	317.6
98	64.7	0.0	127.0

Manual Integrations
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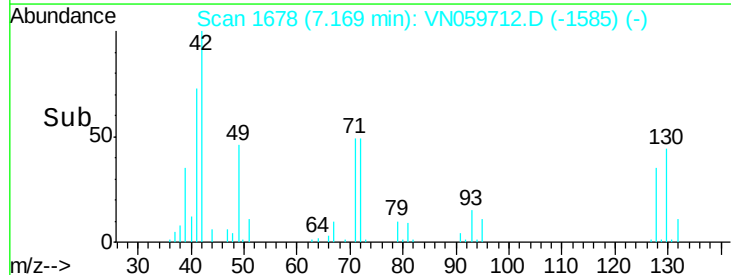
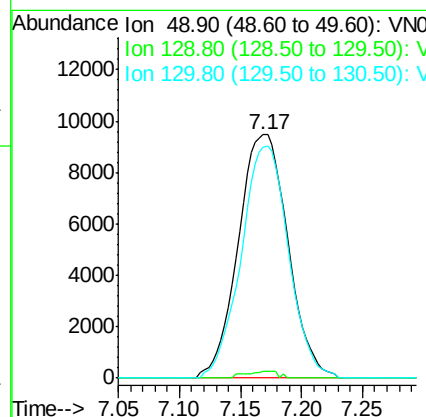
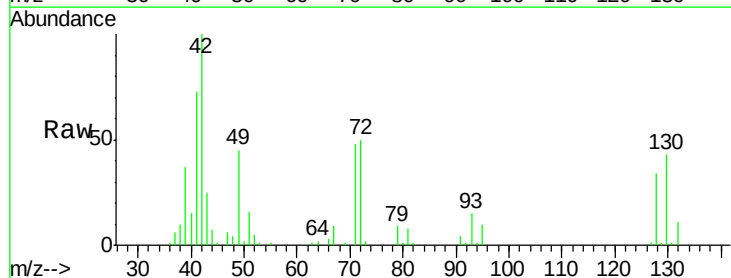


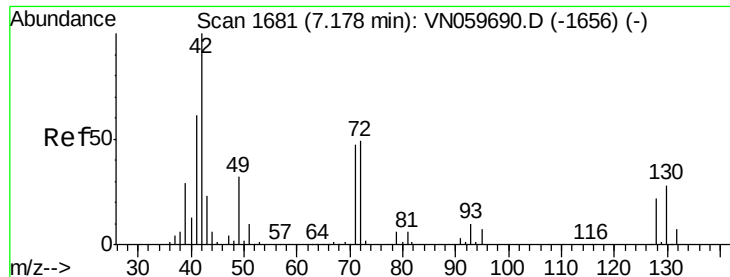
1/16/2020 10:56:53 AM



#28
 Bromochloromethane
 Concen: 20.214 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.4
130	90.9	54.7	82.1#





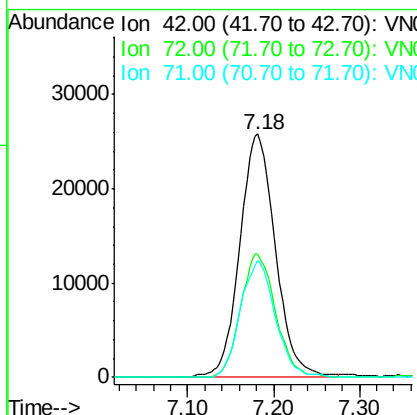
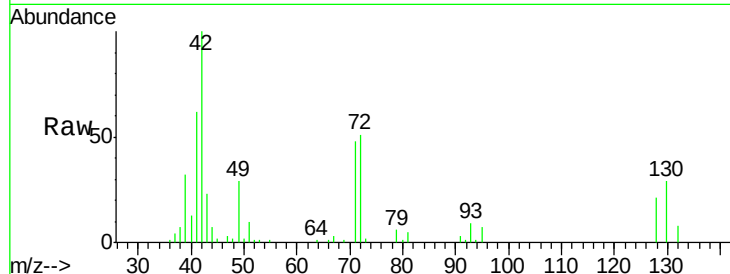
#29
Tetrahydrofuran
Concen: 98.751 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampled :
VN0115WBS01

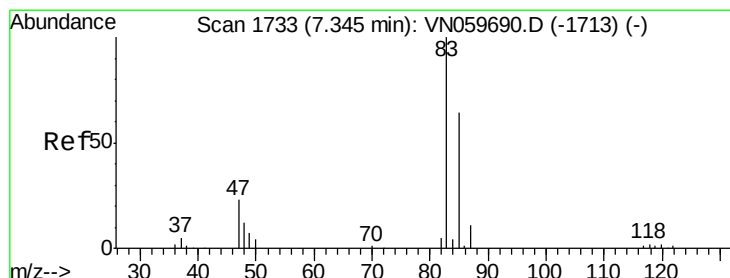
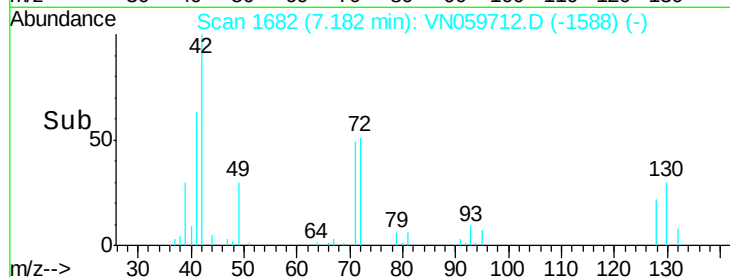
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.9	33.1	49.7#
71	46.8	31.4	47.0

Manual Integrations
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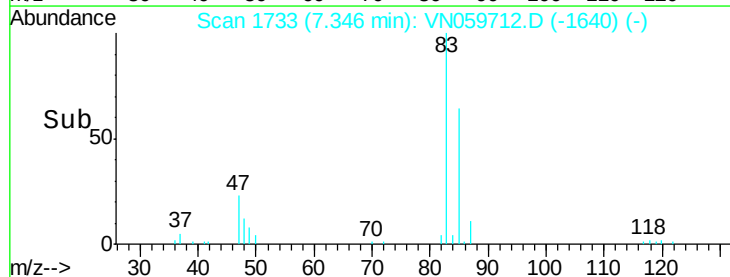
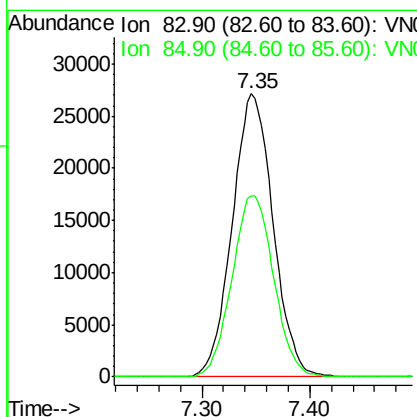
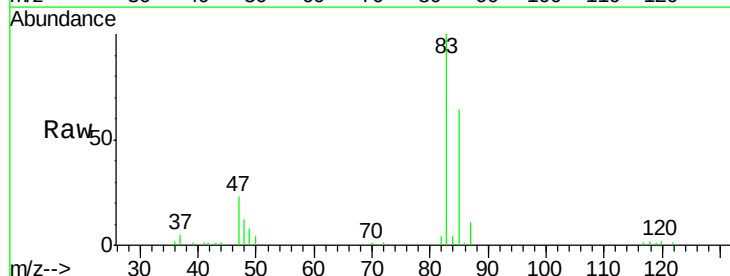


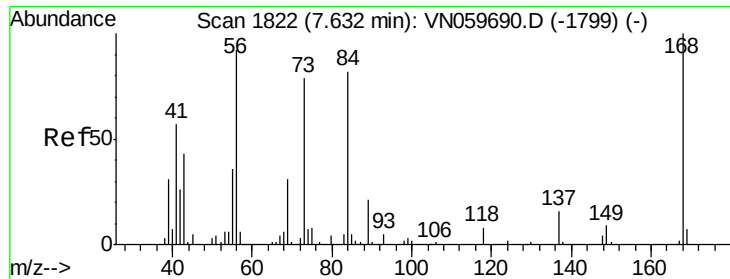
1/16/2020 10:56:53 AM



#30
Chloroform
Concen: 20.847 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.4	78.6





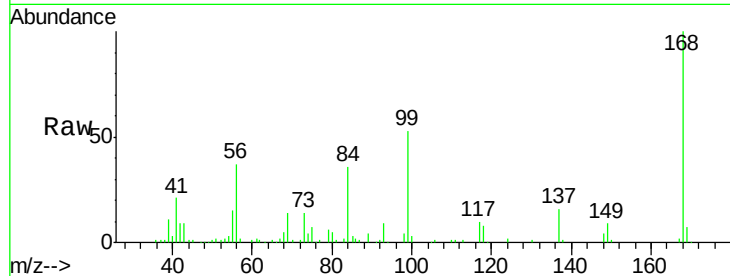
#31
Cyclohexane
Concen: 19.567 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

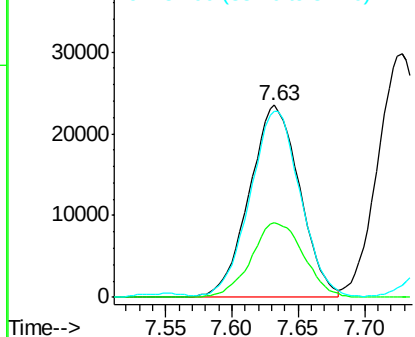
Tot Ion	56	Resp	62270
Ion	Ratio	Lower	Upper
56	100		
69	38.7	26.5	39.7
84	95.7	65.3	97.9

Manual Integrations
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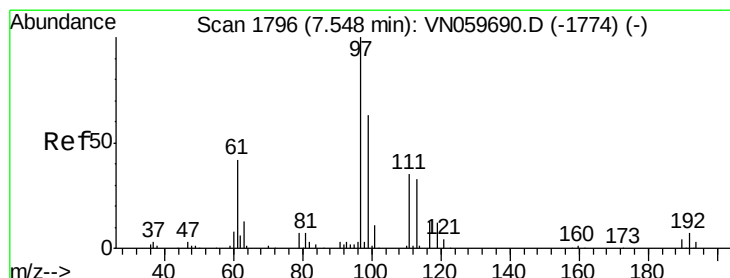
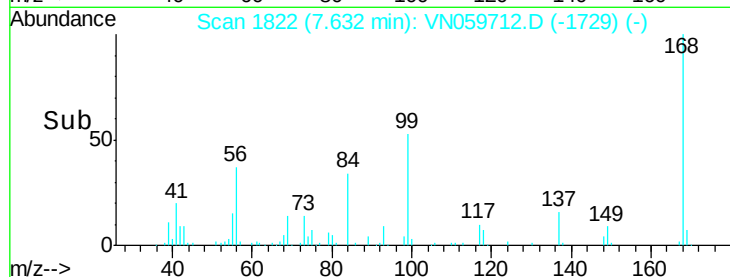
MMDadoda



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

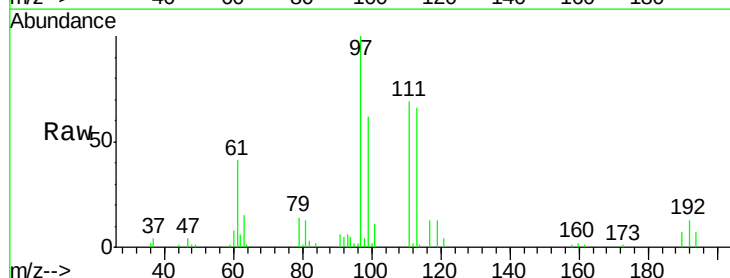


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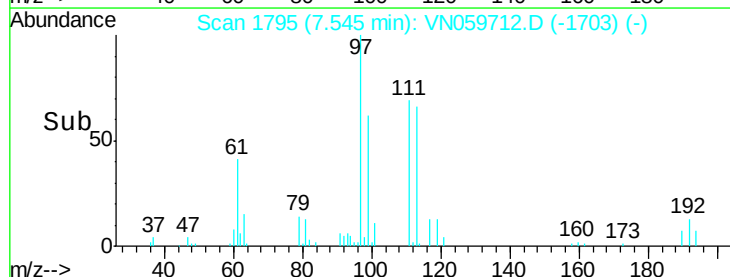
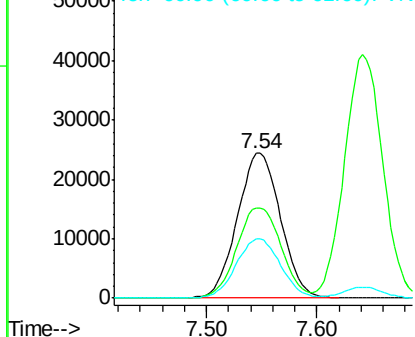


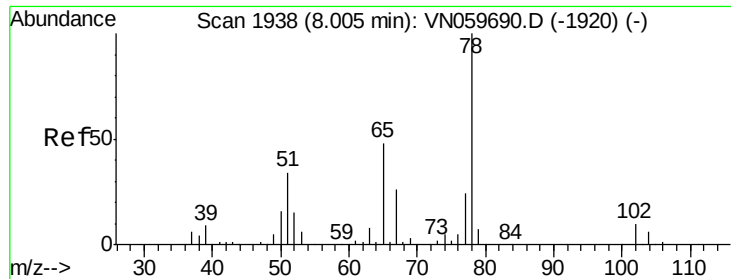
#32
1,1,1-Trichloroethane
Concen: 20.914 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	97	Resp	66266
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	41.8	38.5	57.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





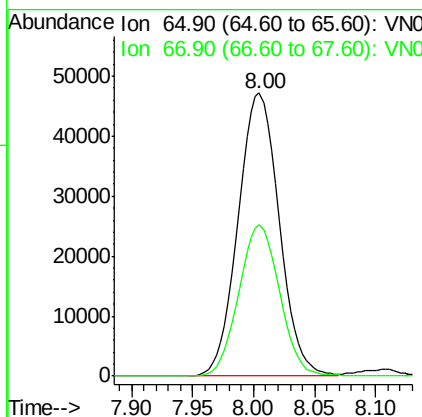
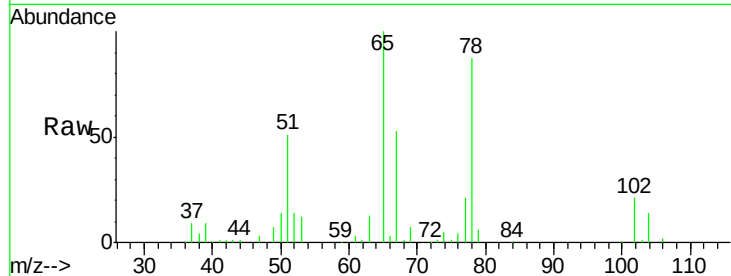
#33
 1,2-Dichloroethane-d4
 Concen: 51.183 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

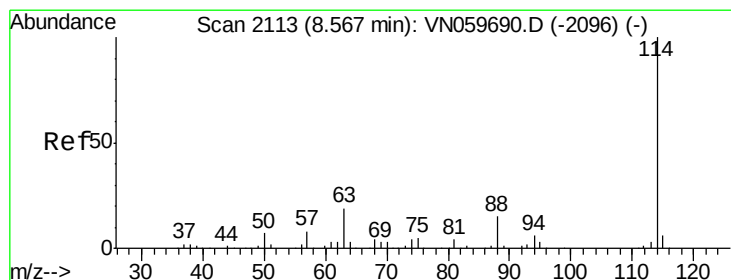
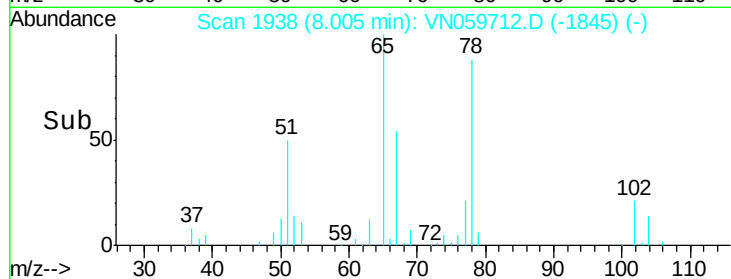
Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	103.0	

Manual Integrations
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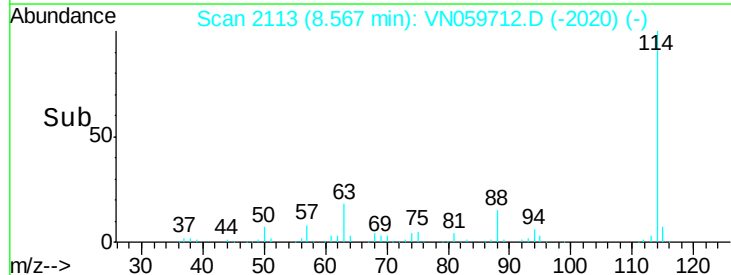
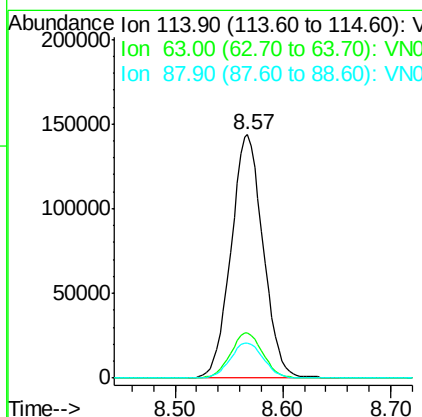
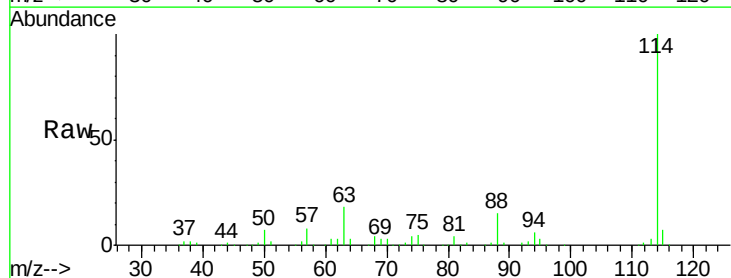


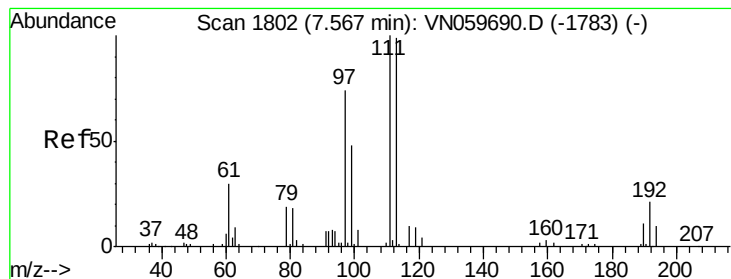
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.4	0.0	43.6	
88	14.6	0.0	31.4	





#35

Dibromofluoromethane

Concen: 52.712 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

Tot Ion:113 Resp: 93576

Ion Ratio Lower Upper

113 100

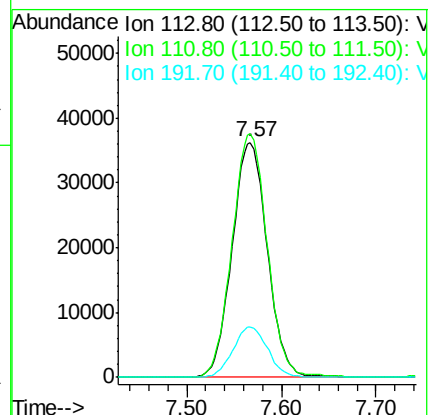
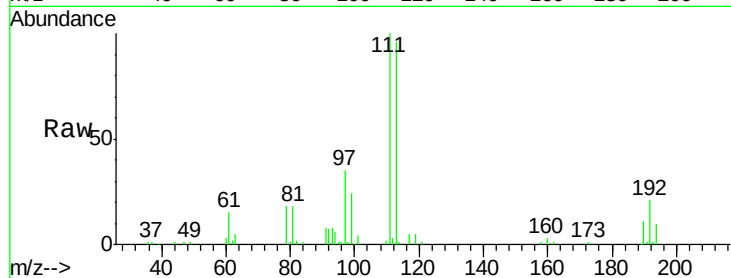
111 103.6 83.5 125.3

192 21.1 15.4 23.2

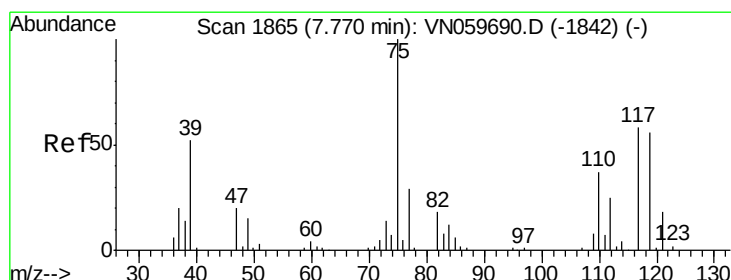
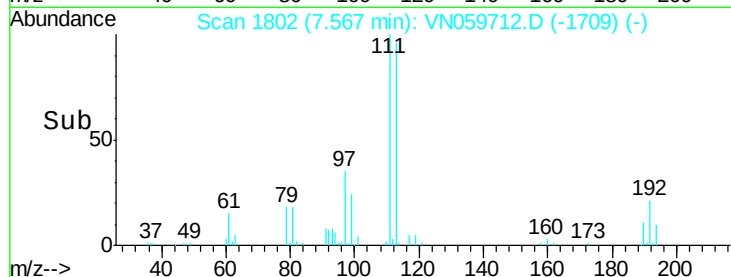
Manual Integrations

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#36

1,1-Dichloropropene

Concen: 20.512 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

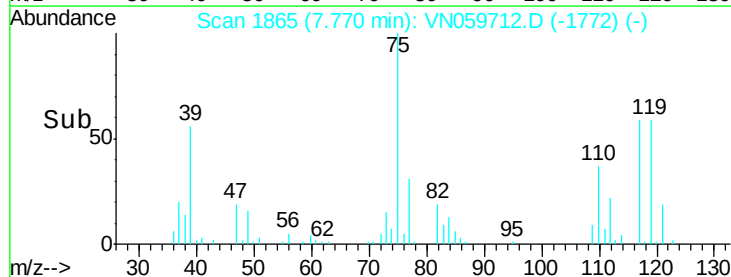
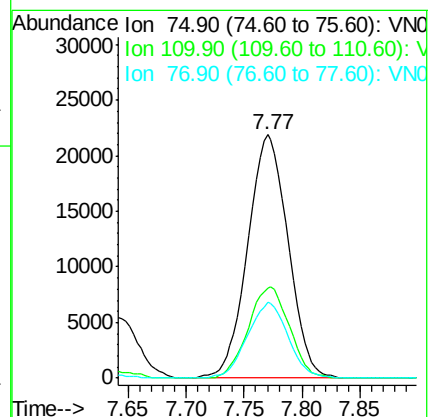
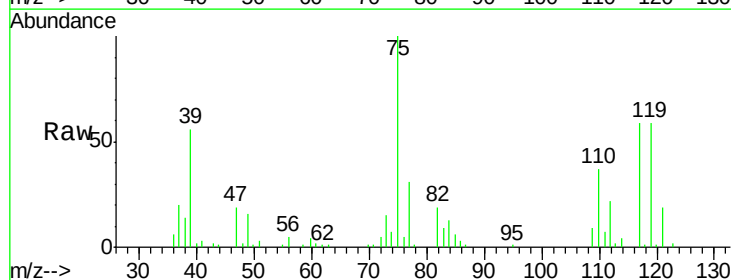
Tgt Ion: 75 Resp: 53175

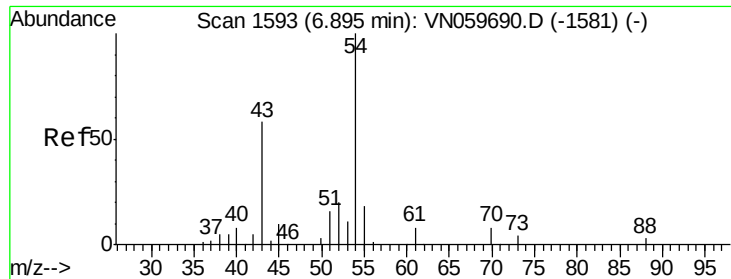
Ion Ratio Lower Upper

75 100

110 37.9 16.6 49.7

77 31.2 25.1 37.7





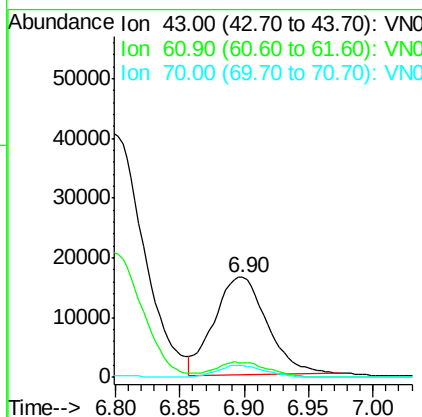
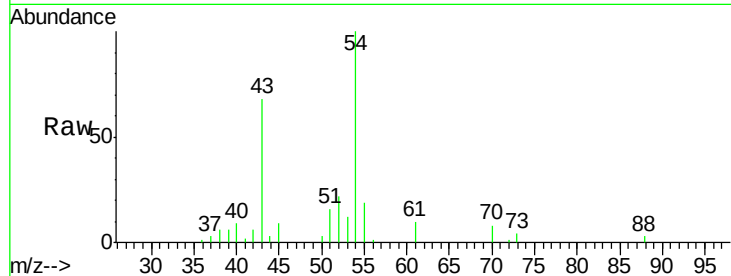
#37
Ethyl Acetate
Concen: 19.236 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

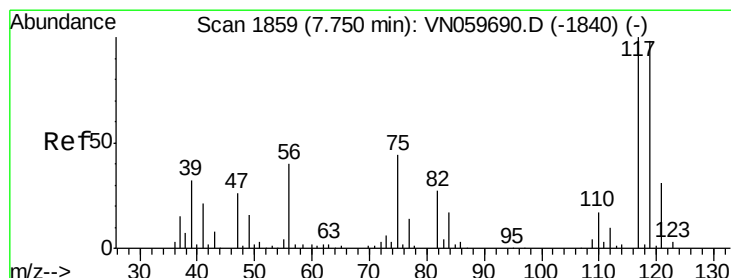
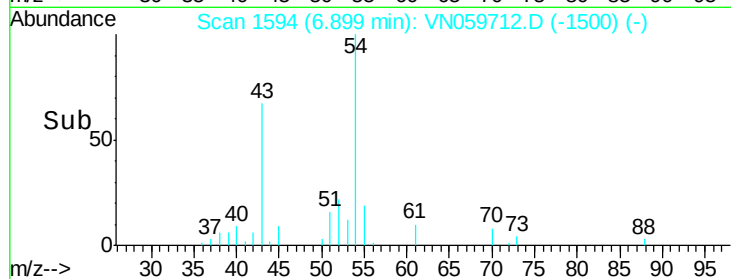
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	10.9	16.3
70	11.1	7.7	11.5

Manual Integrations
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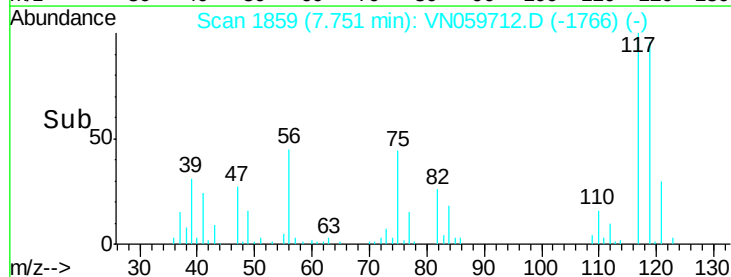
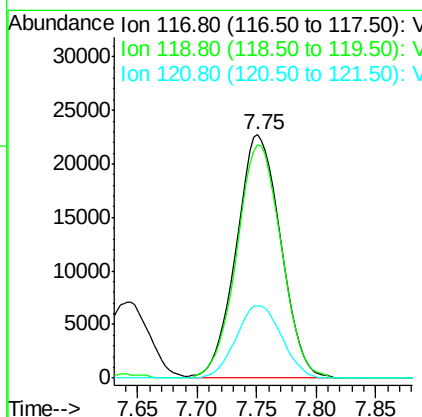
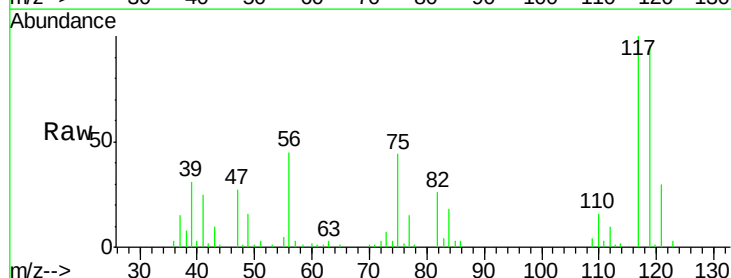


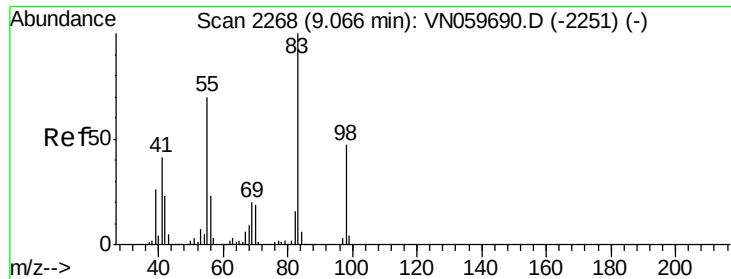
1/16/2020 10:56:53 AM



#38
Carbon Tetrachloride
Concen: 20.871 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
121	29.5	25.1	37.7





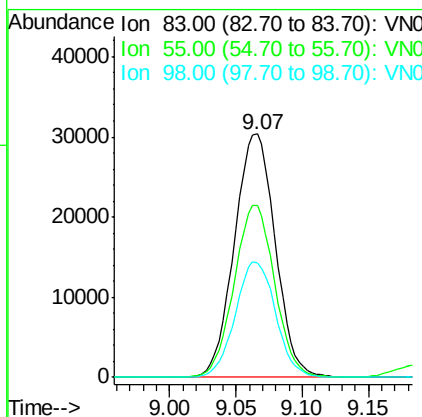
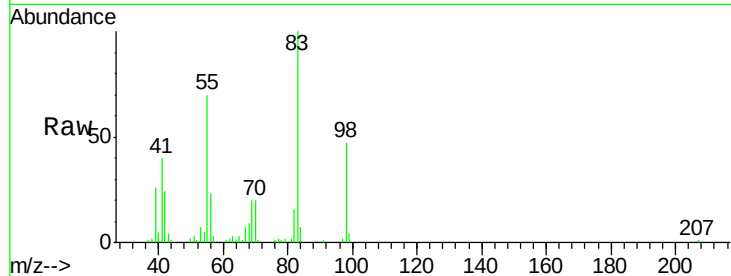
#39
Methvlcvclohexane
Concen: 20.385 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

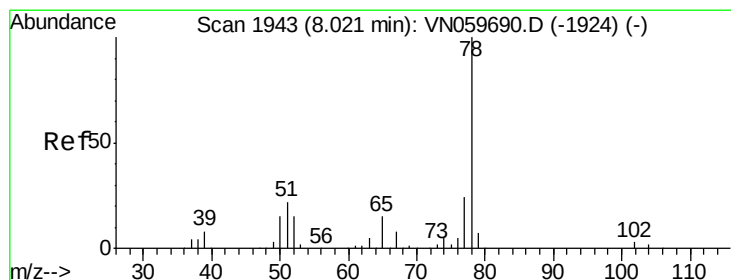
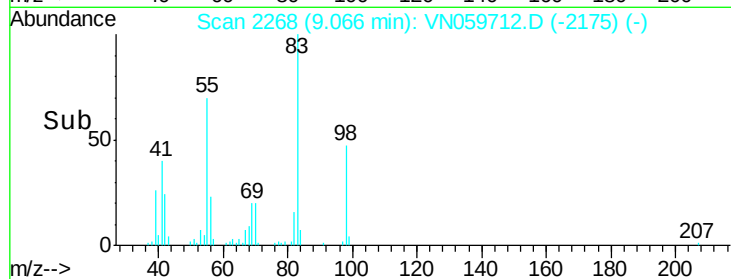
Tot Ion:	83	Resp:	65161
Ion Ratio	Lower	Upper	
83	100		
55	70.4	64.2	96.2
98	46.9	35.9	53.9

Manual Integrations
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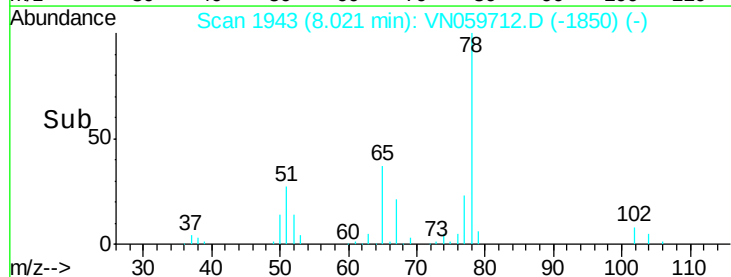
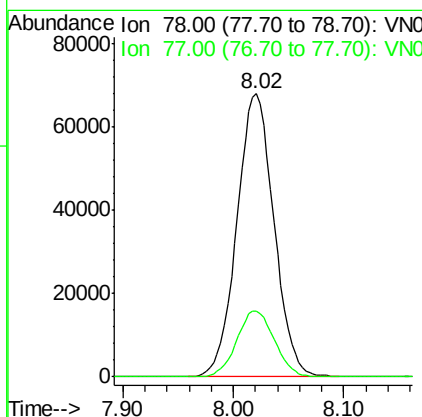
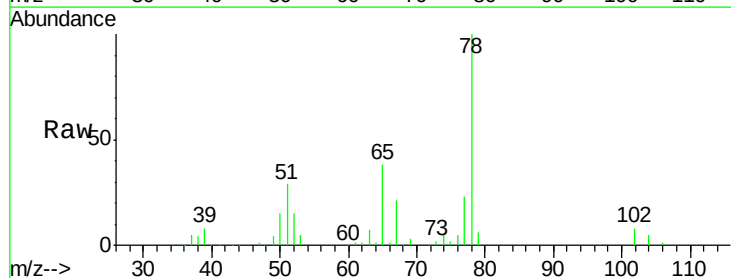


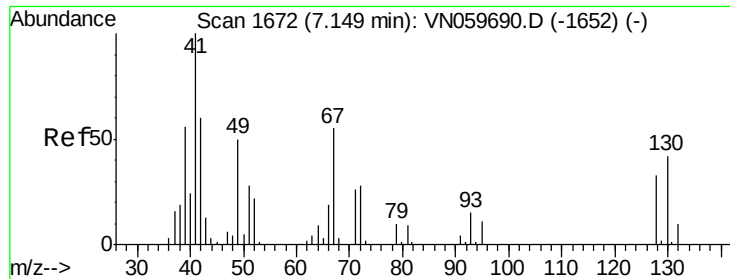
1/16/2020 10:56:53 AM



#40
Benzene
Concen: 20.503 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion:	78	Resp:	158517
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.9	28.3





#41
Methacrylonitrile
Concen: 19.190 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

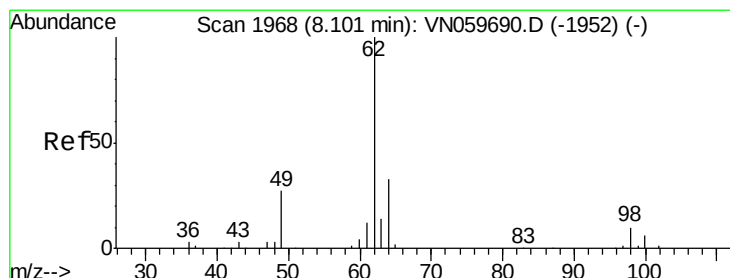
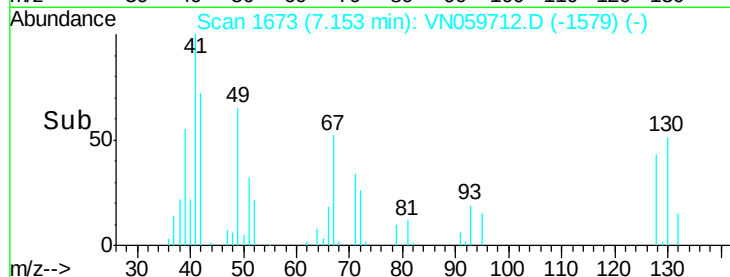
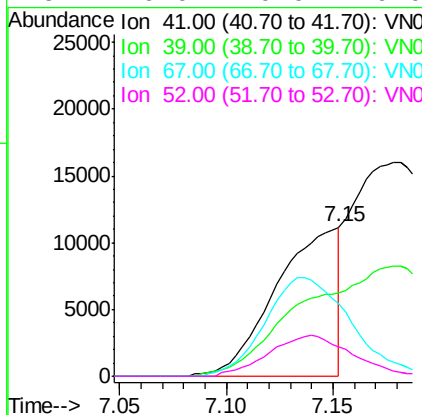
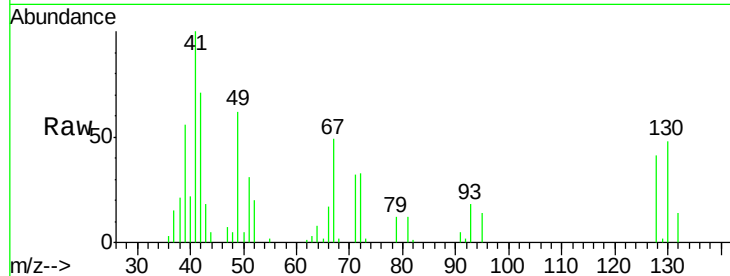
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	163.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
APPROVED

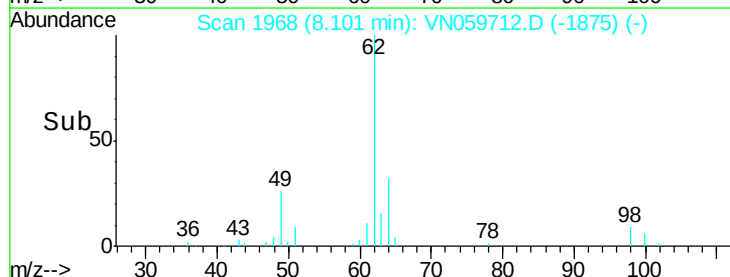
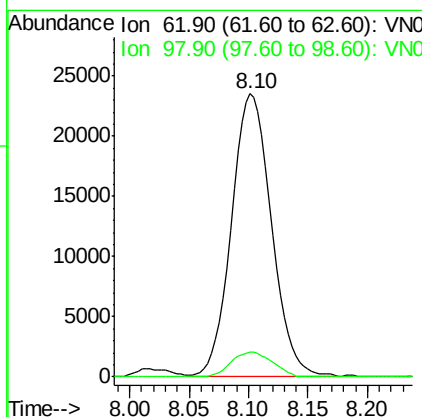
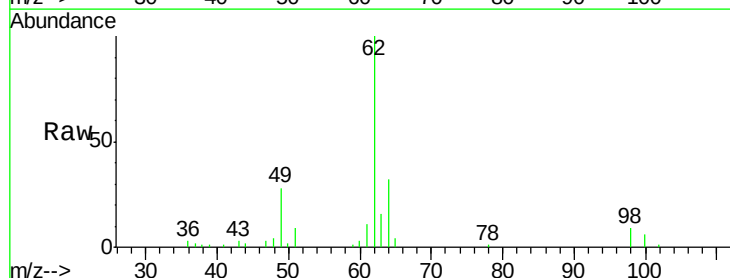
MMDadoda

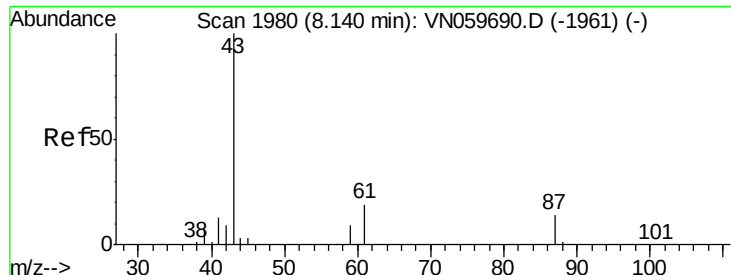
1/16/2020 10:56:53 AM



#42
1,2-Dichloroethane
Concen: 20.926 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.710 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

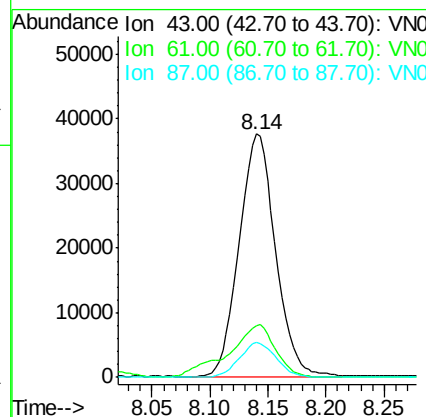
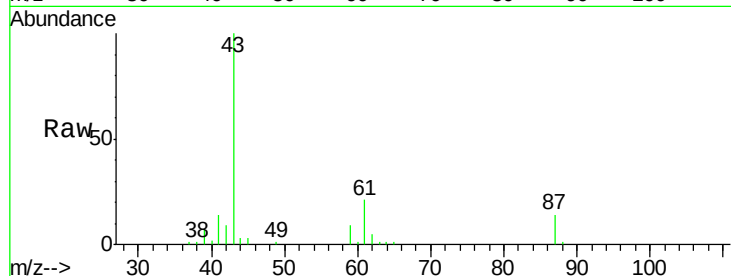
ClientSampleId :

VN0115WBS01

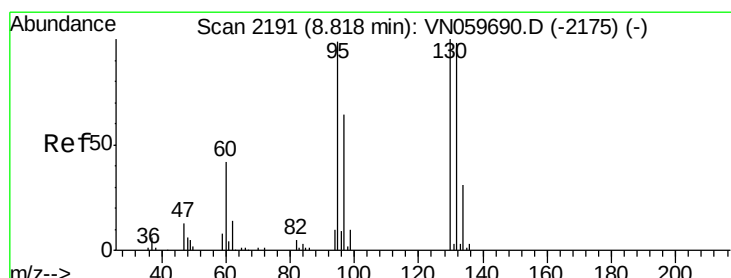
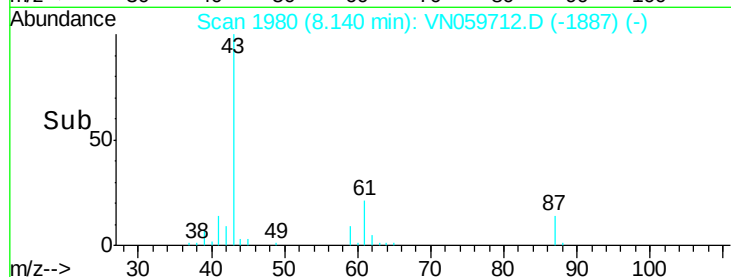
Tot Ion:	43	Resp:	82428
Ion	Ratio	Lower	Upper
43	100		
61	27.8	20.2	30.2
87	14.3	9.5	14.3#

Manual Integrations
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1/16/2020 10:56:53 AM



#44

Trichloroethene

Concen: 21.351 ug/l

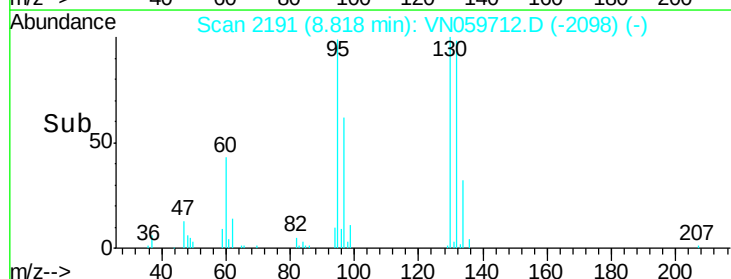
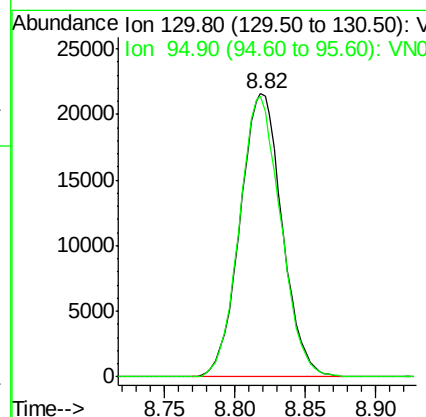
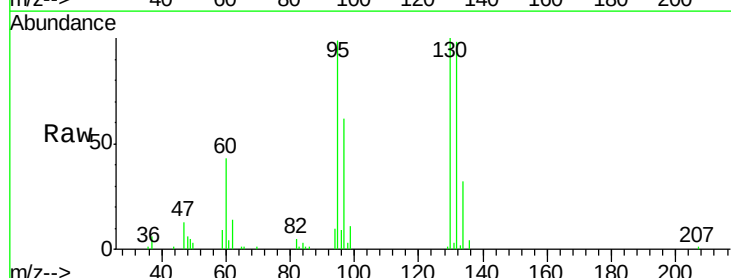
RT: 8.82 min Scan# 2191

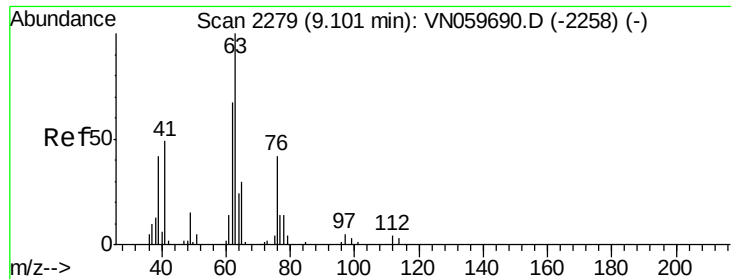
Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion:	130	Resp:	45063
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	207.0





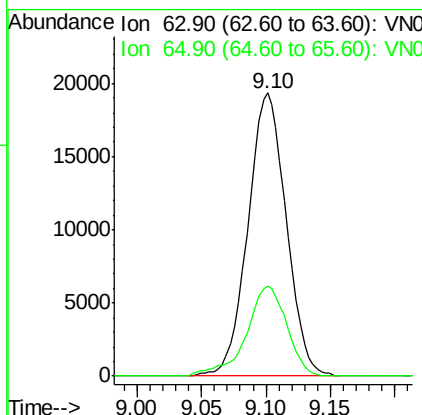
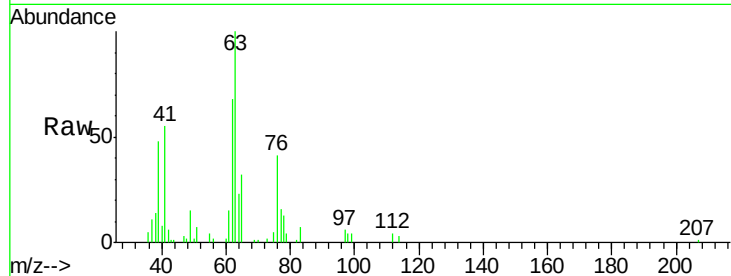
#45
 1,2-Dichloropropane
 Concen: 20.944 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

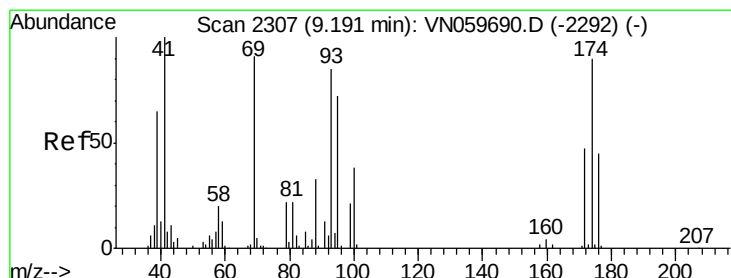
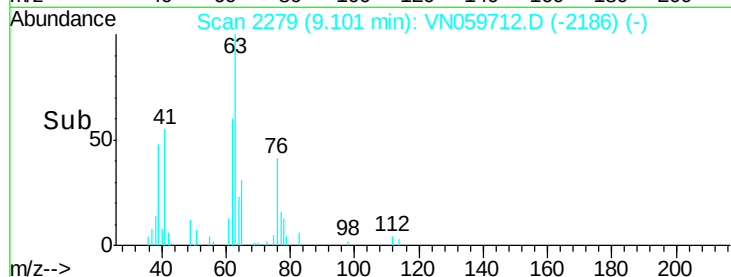
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.9	37.3

Manual Integrations
 APPROVED

MMDadoda

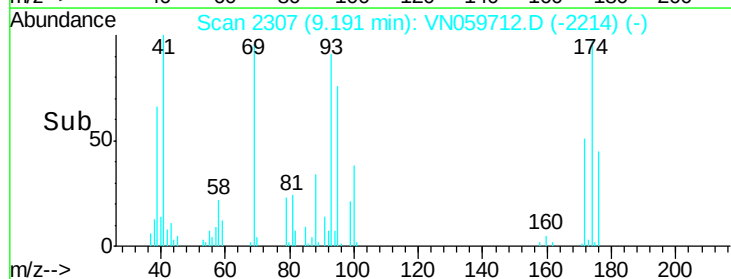
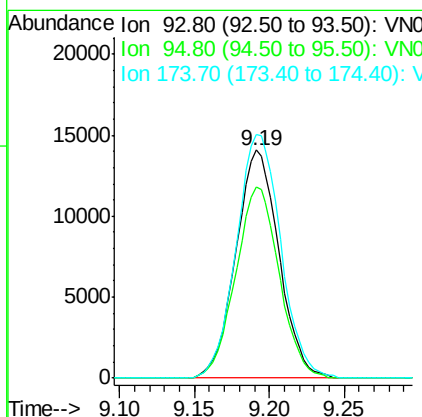
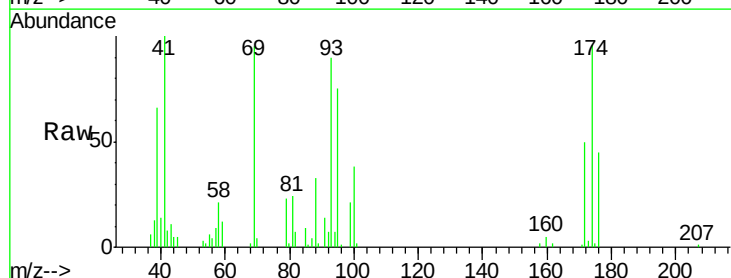


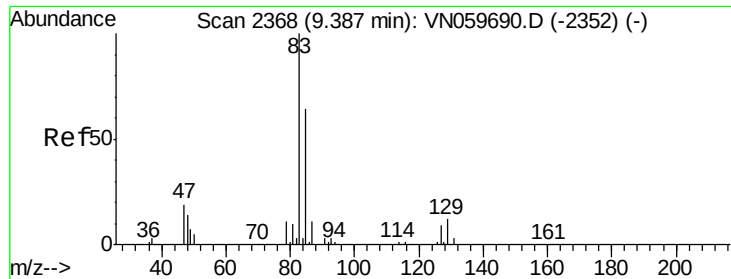
1/16/2020 10:56:53 AM



#46
 Dibromomethane
 Concen: 20.932 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.0	100.6
174	110.1	73.4	110.2





#47

Bromodichloromethane

Concen: 20.754 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

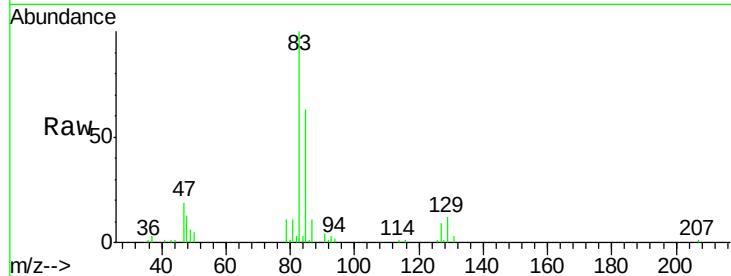
ClientSampled :

VN0115WBS01

Tot Ion:	83	Resp:	56442
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.1	76.7
127	9.0	6.6	9.8

Manual Integrations
APPROVED

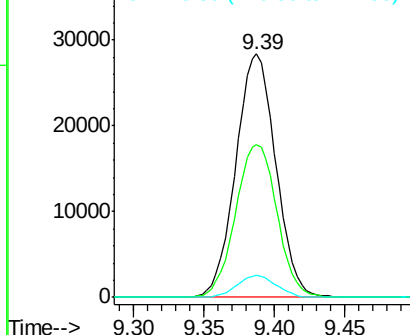
MMDadoda



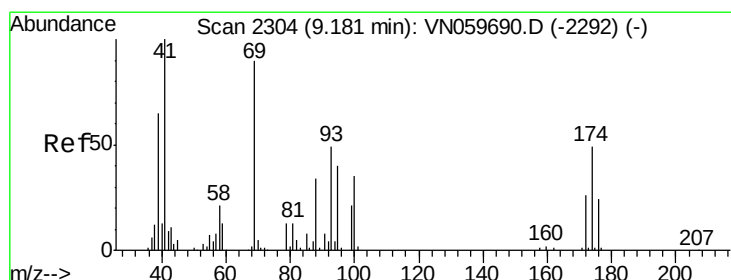
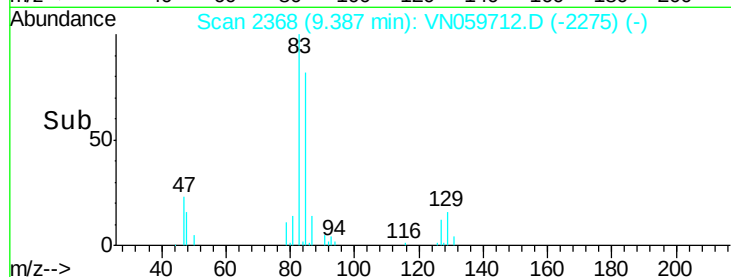
Abundance Ion 82.90 (82.60 to 83.60): VN059712.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059712.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059712.D (-2275) (-)



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#48

Methyl methacrylate

Concen: 20.129 ug/l

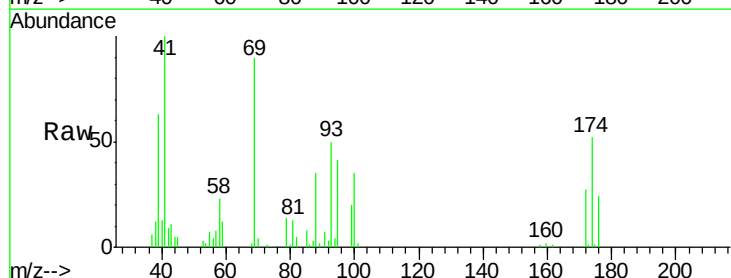
RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

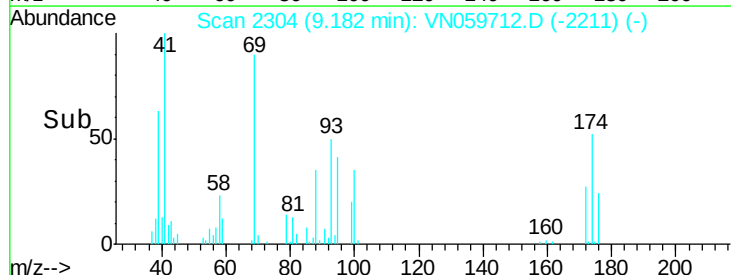
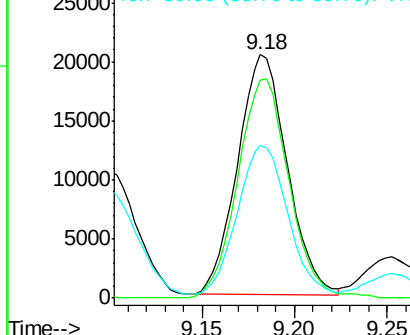
Tgt Ion:	41	Resp:	37654
Ion	Ratio	Lower	Upper
41	100		
69	94.6	64.4	96.6
39	66.3	51.3	76.9

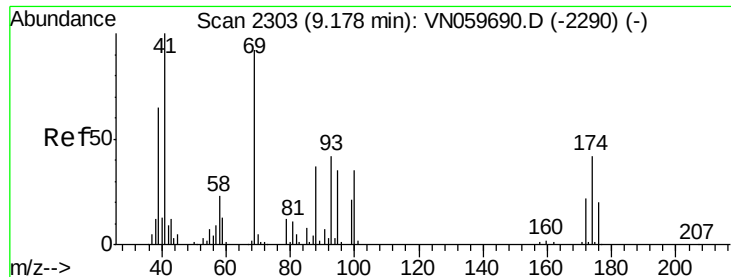


Abundance Ion 41.00 (40.70 to 41.70): VN059712.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN059712.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN059712.D (-2211) (-)





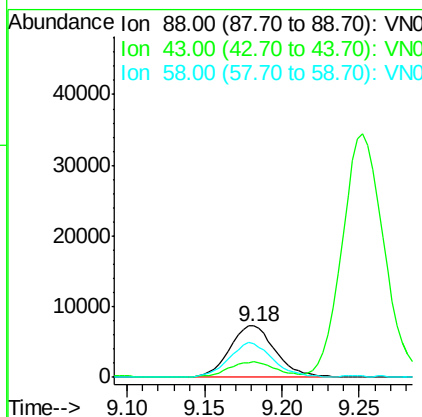
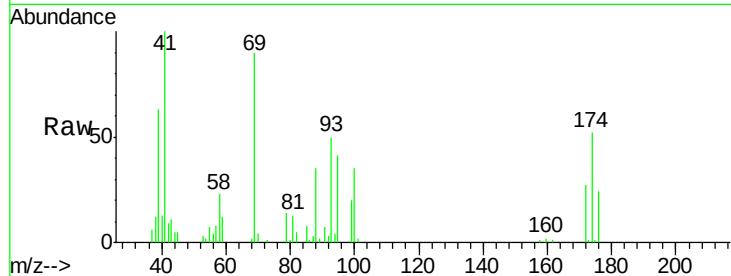
#49
1,4-Dioxane
Concen: 435.655 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

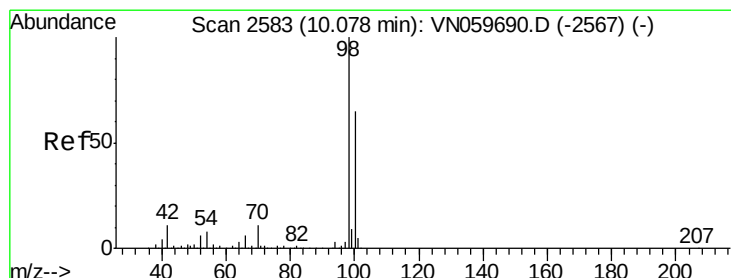
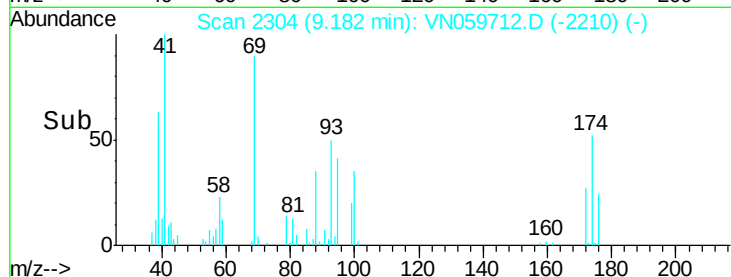
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	29.7	44.5
58	64.6	56.6	85.0

Manual Integrations
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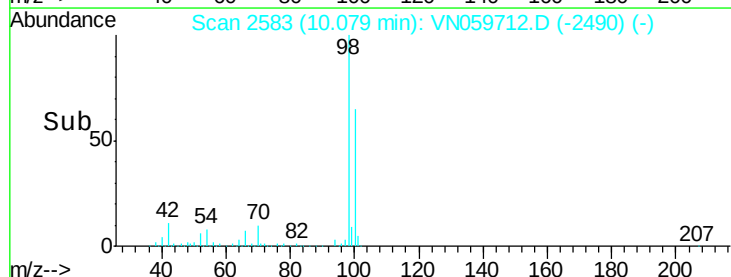
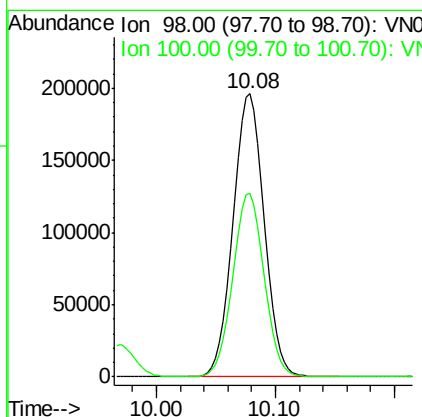
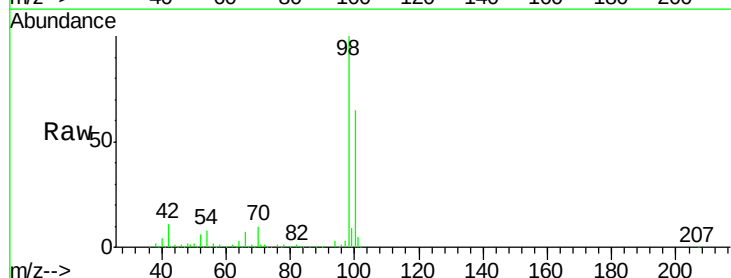


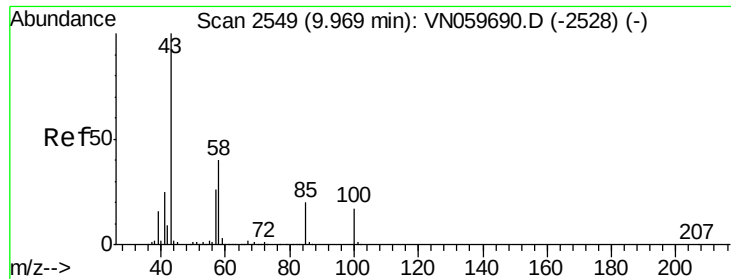
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#50
Toluene-d8
Concen: 51.835 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





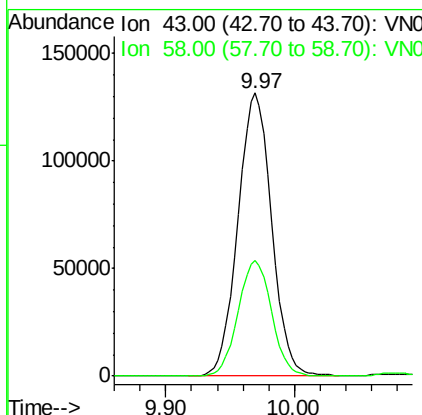
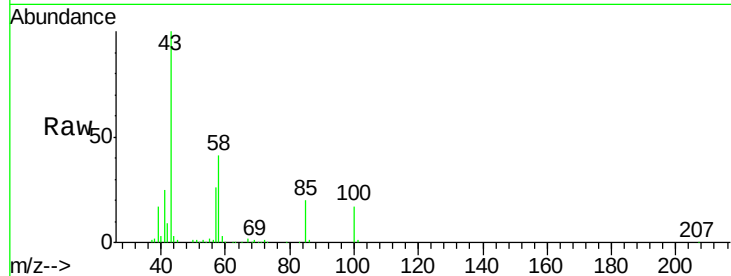
#51
4-Methyl-2-Pentanone
Concen: 98.977 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampled :
VN0115WBS01

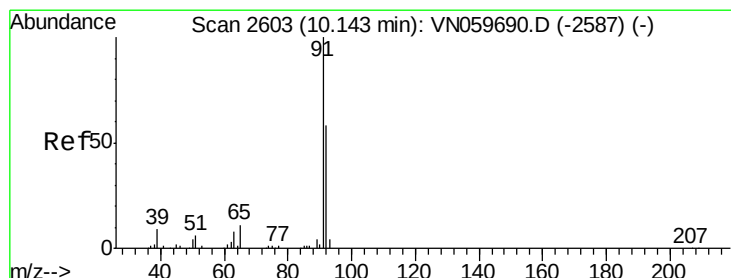
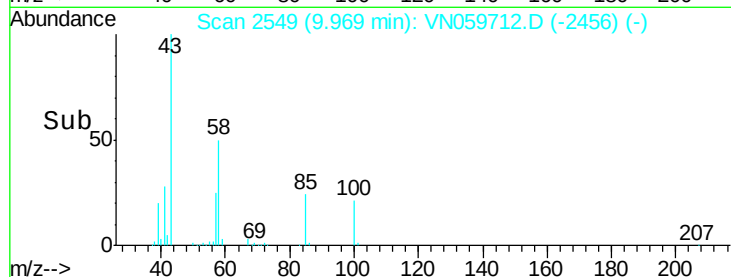
Tot Ion	Ratio	Lower	Upper
43	100		
58	40.8	29.8	44.8

Manual Integrations
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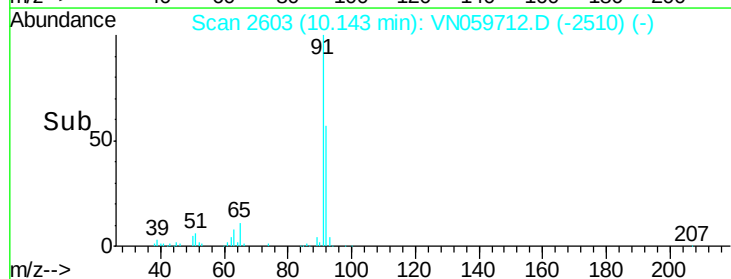
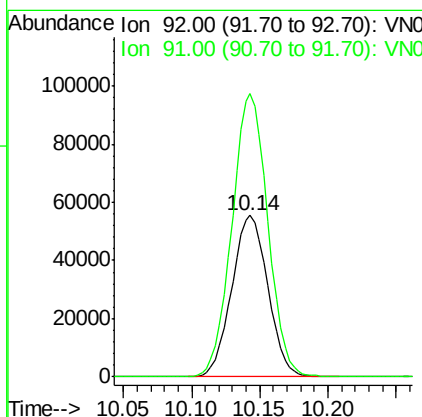
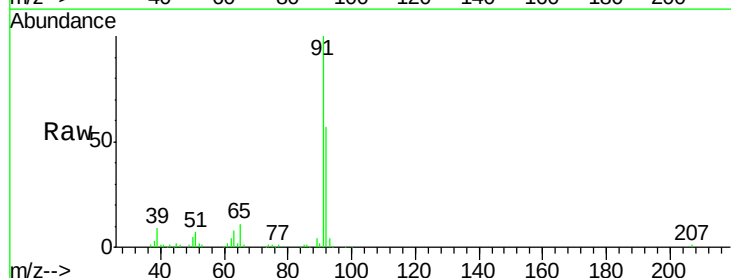


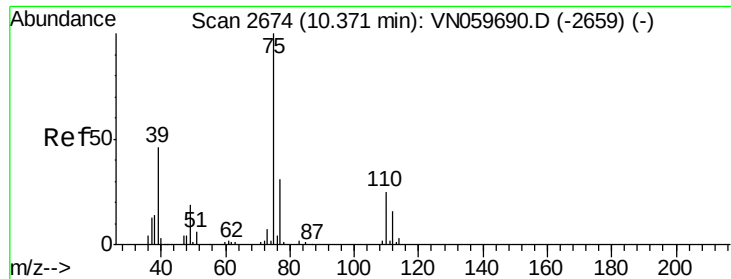
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#52
Toluene
Concen: 20.913 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	140.4	210.6





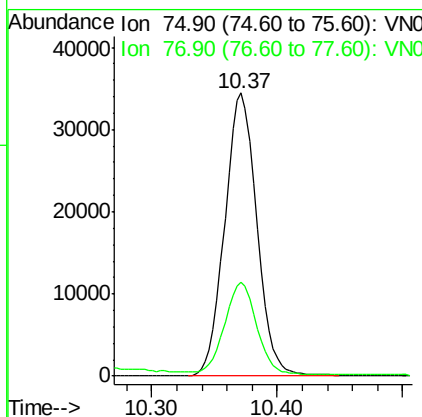
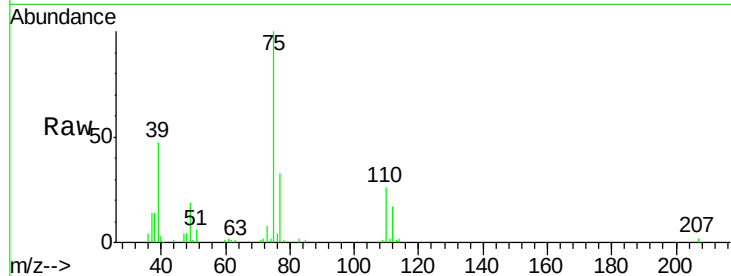
#53
t-1,3-Dichloropropene
Concen: 20.160 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampled :
VN0115WBS01

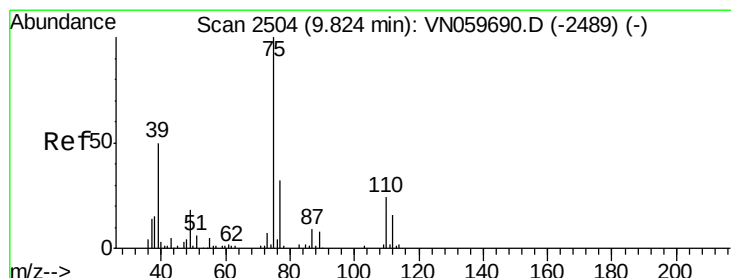
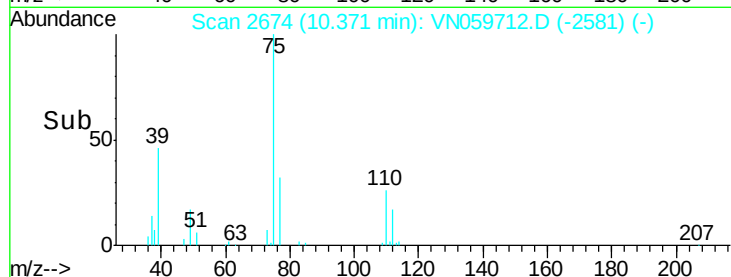
Tot Ion: 75 Resp: 61219
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

Manual Integrations
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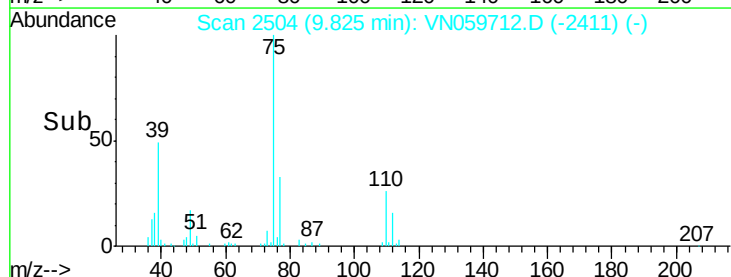
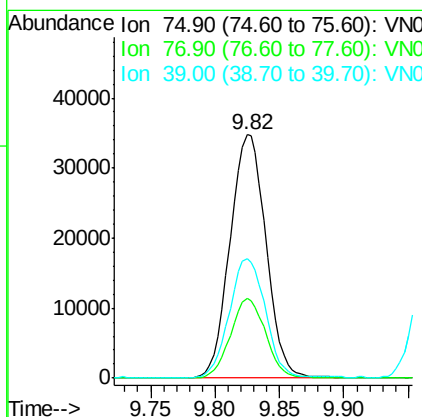
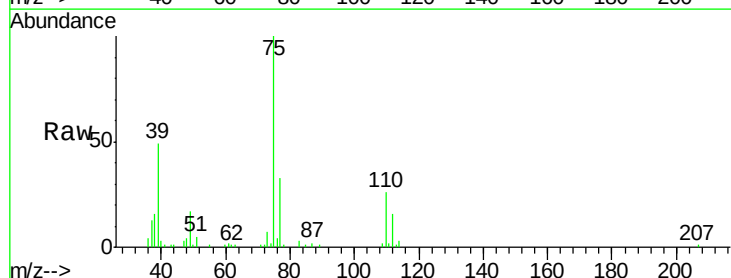


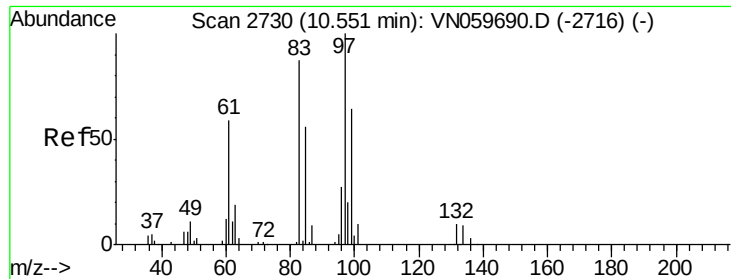
1/16/2020 10:56:53 AM



#54
cis-1,3-Dichloropropene
Concen: 21.112 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 75 Resp: 67454
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7
39 49.2 46.1 69.1





#55
 1,1,2-Trichloroethane
 Concen: 20.746 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

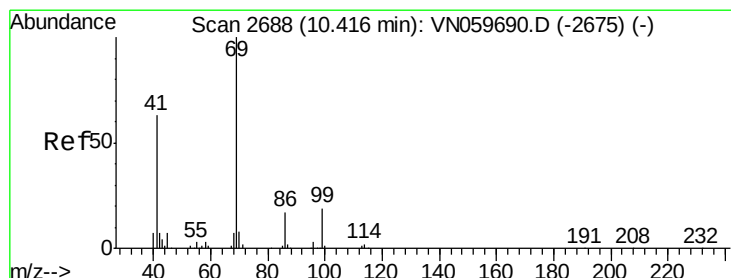
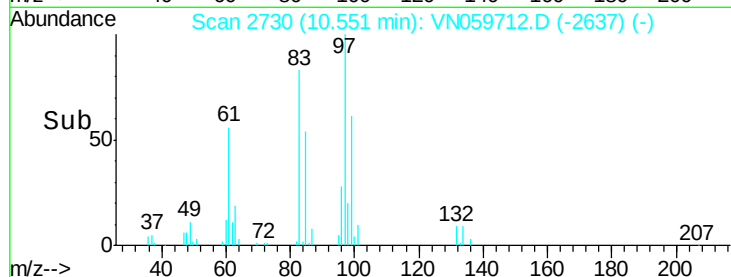
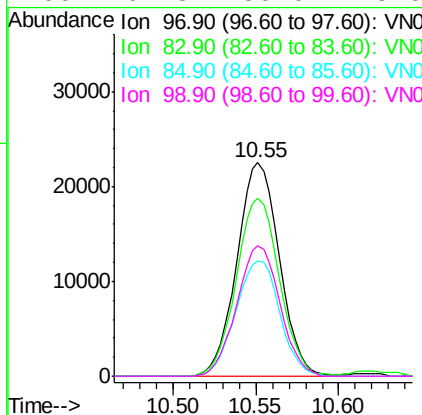
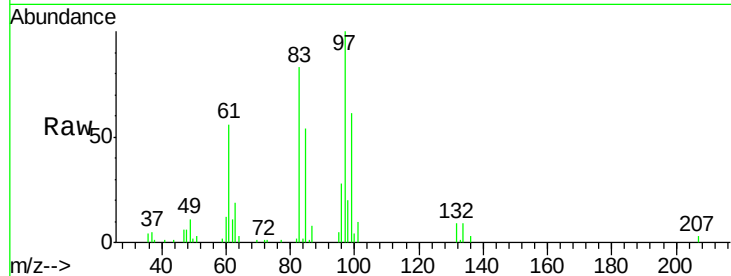
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Tot Ion:	97	Resp:	40126
Ion	Ratio	Lower	Upper
97	100		
83	83.4	71.3	106.9
85	54.1	45.8	68.8
99	61.3	50.0	75.0

Manual Integrations
 APPROVED

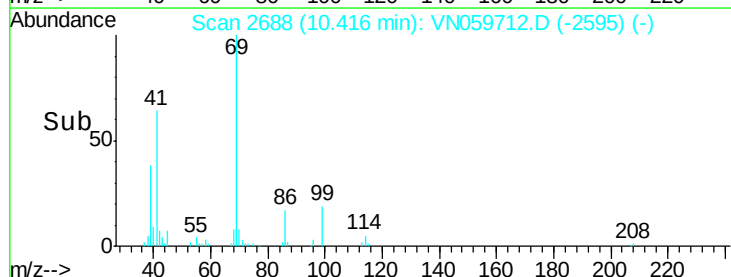
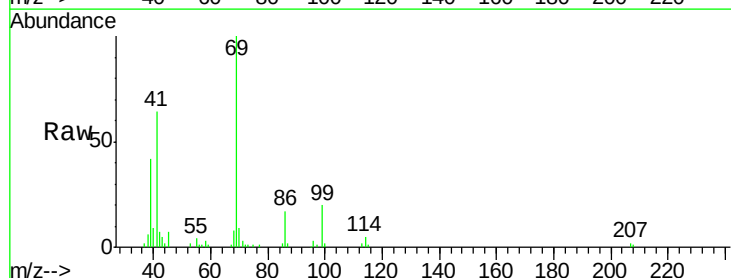
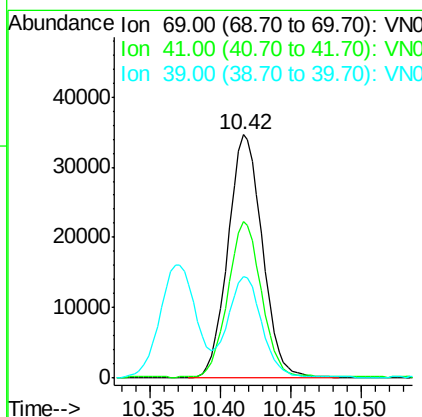
MMDadoda

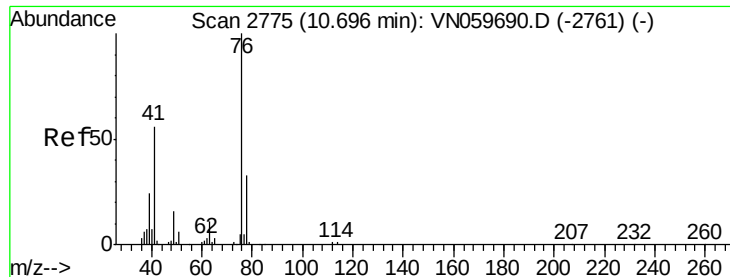
1/16/2020 10:56:53 AM



#56
 Ethyl methacrylate
 Concen: 20.016 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion:	69	Resp:	59156
Ion	Ratio	Lower	Upper
69	100		
41	64.5	57.1	85.7
39	40.7	34.7	52.1





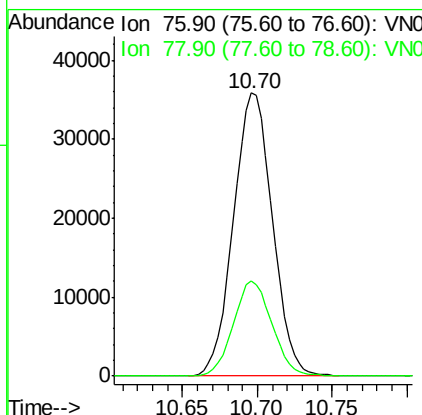
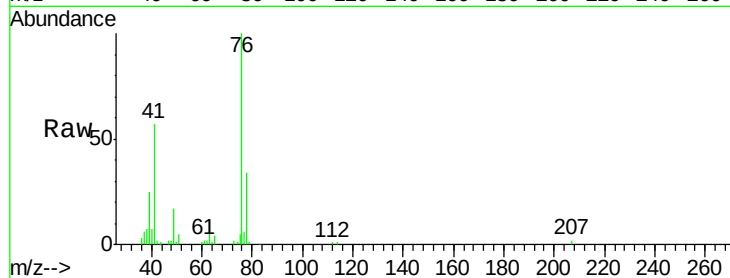
#57
 1,3-Dichloropropane
 Concen: 21.209 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBS01

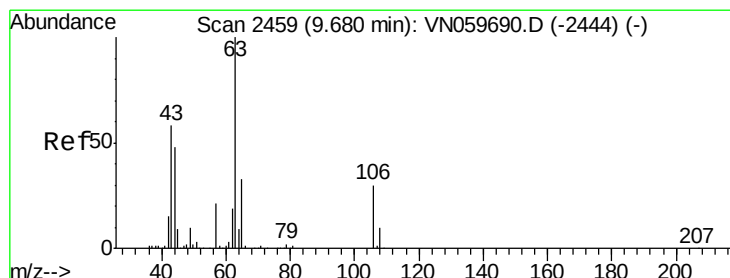
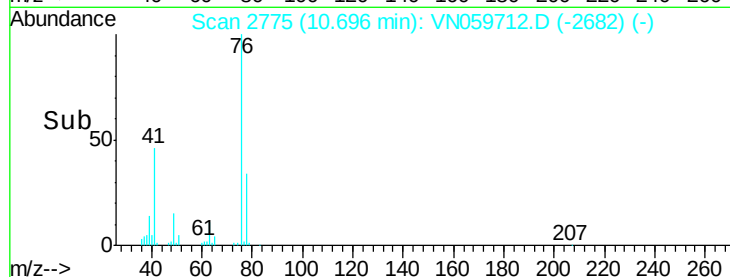
Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.8	38.8

Manual Integrations
 APPROVED

MMDadoda

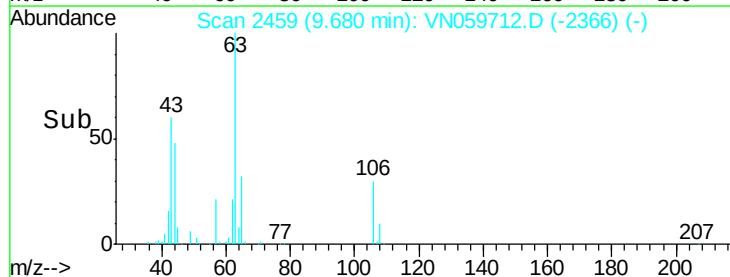
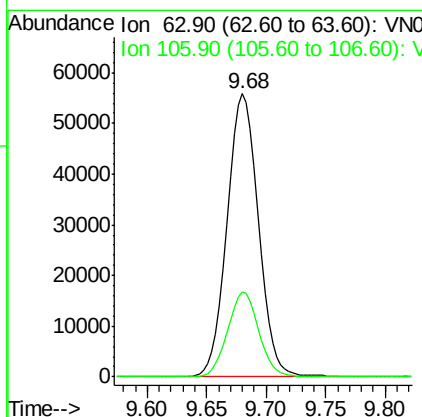
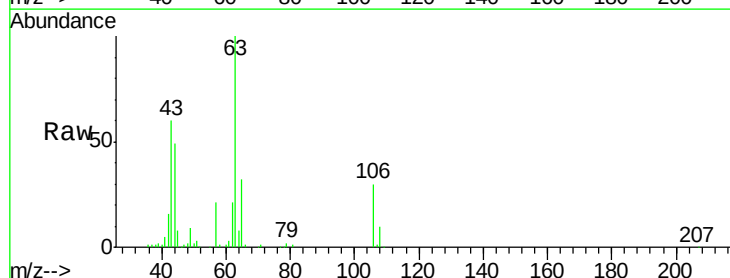


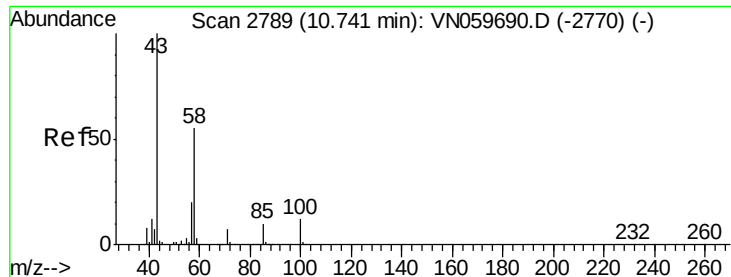
1/16/2020 10:56:53 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.790 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	20.2	30.2





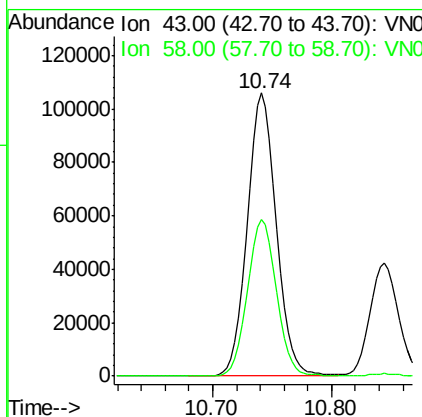
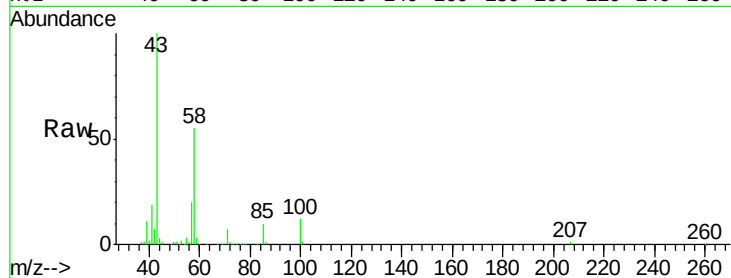
#59
2-Hexanone
Concen: 100.522 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

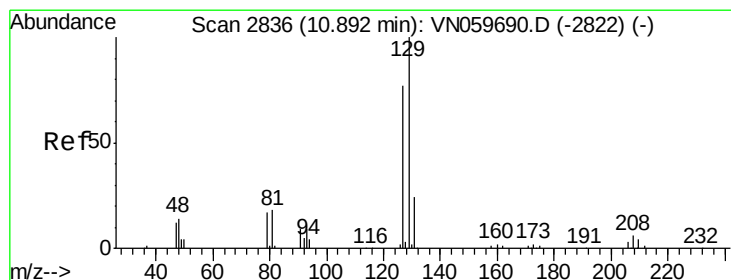
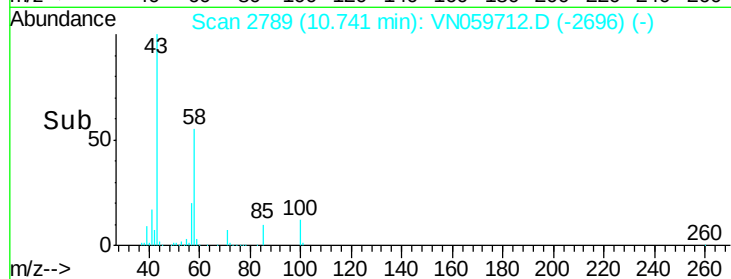
Tot Ion	43	Resp	179033
Ion Ratio	100	Lower	Upper
43	100		
58	55.3	25.8	77.3

Manual Integrations
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MMDadoda

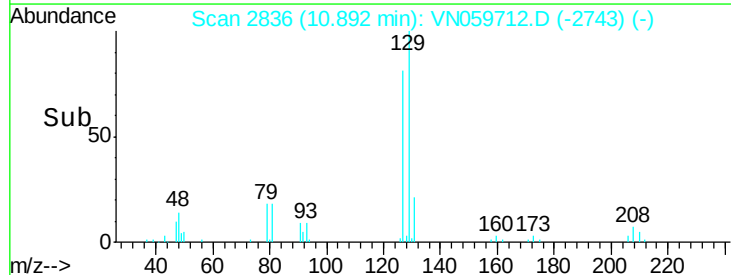
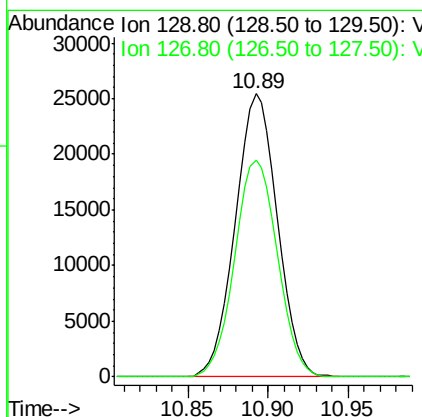
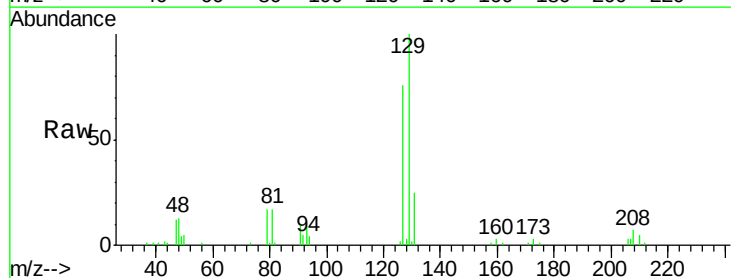


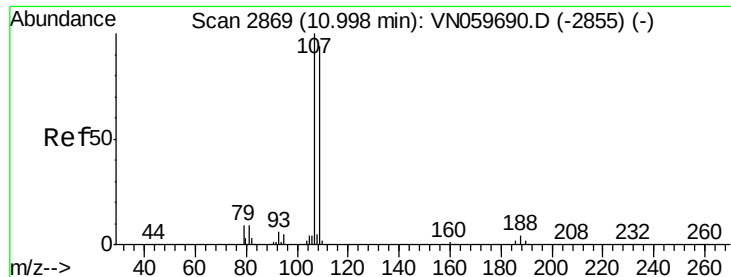
1/16/2020 10:56:53 AM



#60
Dibromochloromethane
Concen: 20.660 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	129	Resp	45505
Ion Ratio	100	Lower	Upper
129	100		
127	77.9	38.5	115.5





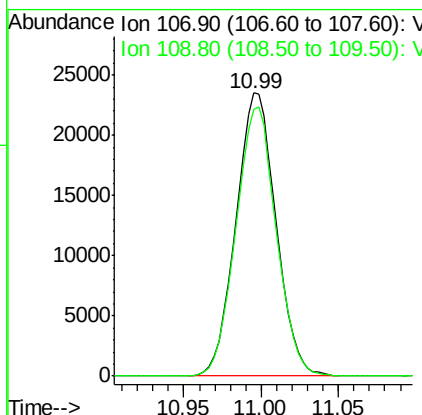
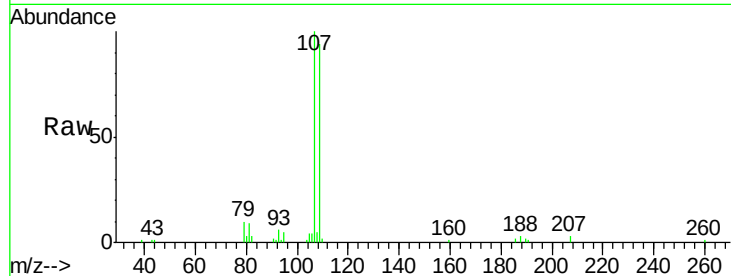
#61
 1,2-Dibromoethane
 Concen: 20.871 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

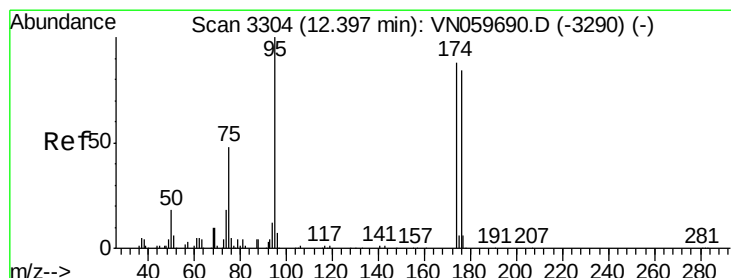
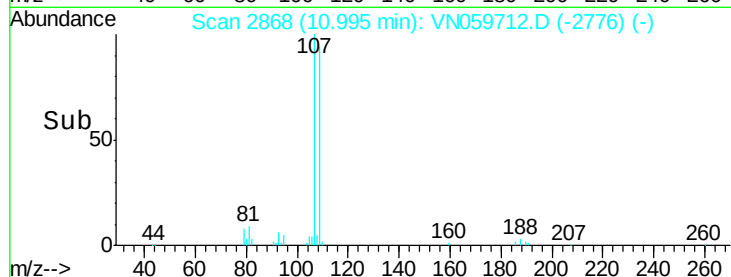
Tot Ion: 107 Resp: 42310
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.6 115.0

Manual Integrations
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MM Dadoda

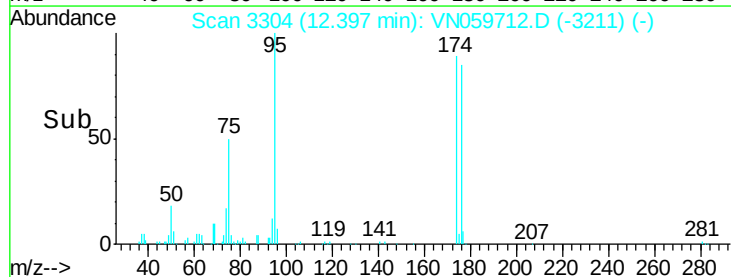
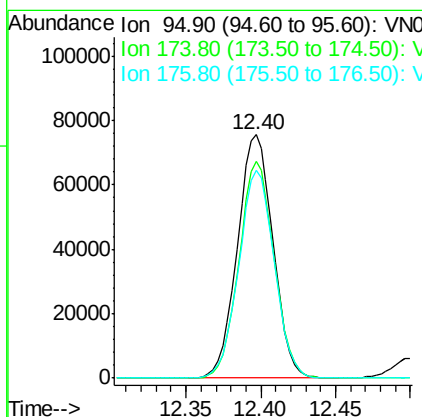
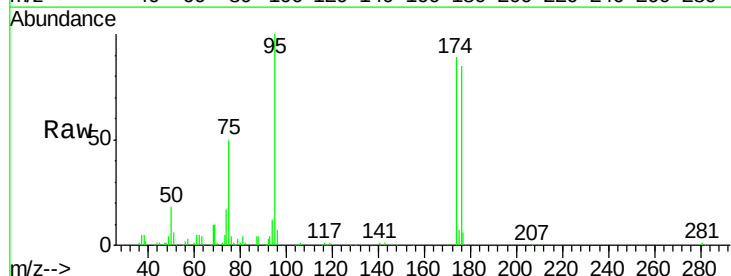


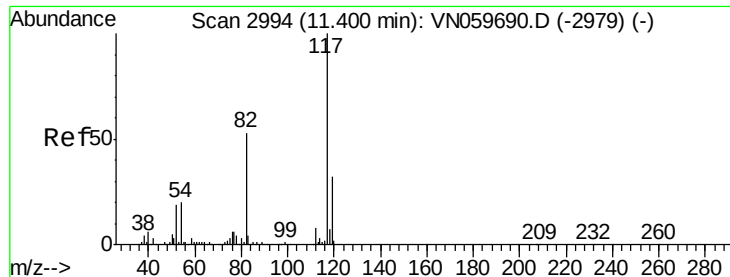
1/16/2020 10:56:53 AM



#62
 4-Bromofluorobenzene
 Concen: 50.389 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion: 95 Resp: 124943
 Ion Ratio Lower Upper
 95 100
 174 87.7 0.0 151.4
 176 85.4 0.0 146.0





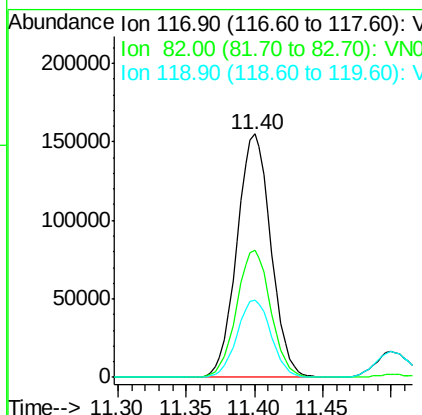
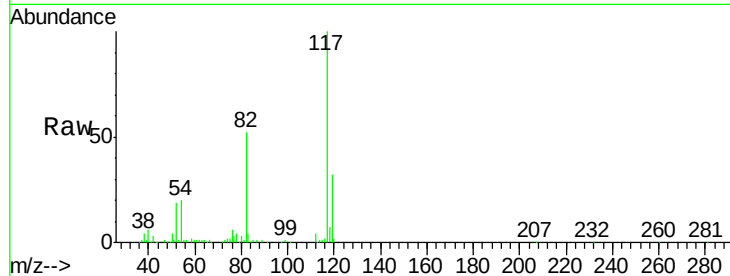
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

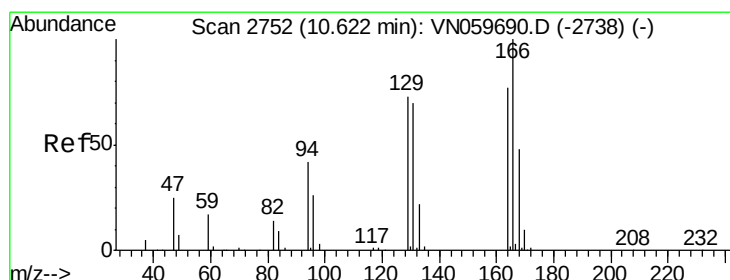
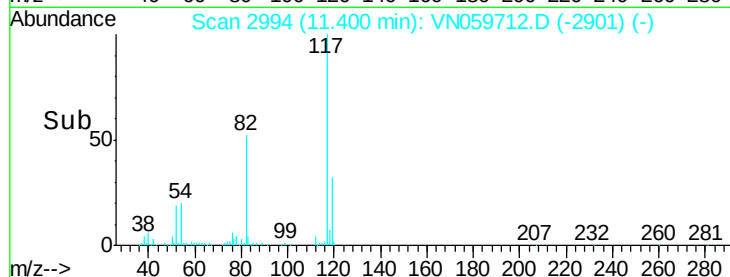
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.9	68.9
119	31.9	25.5	38.3

Manual Integrations
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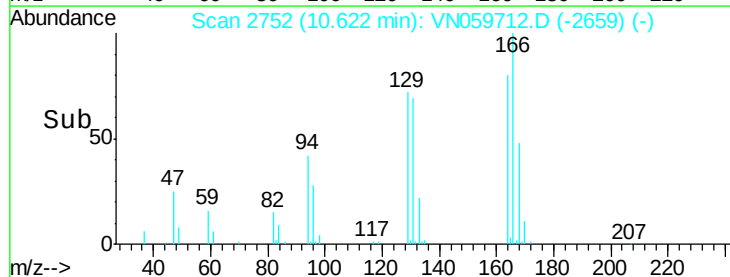
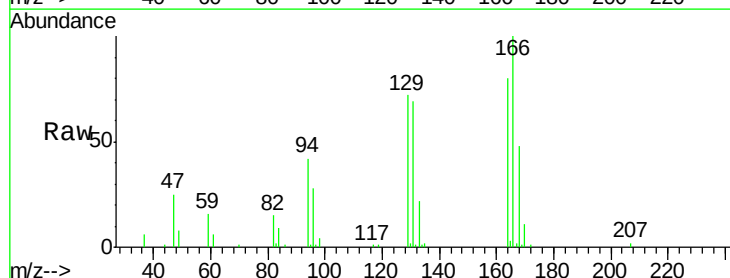
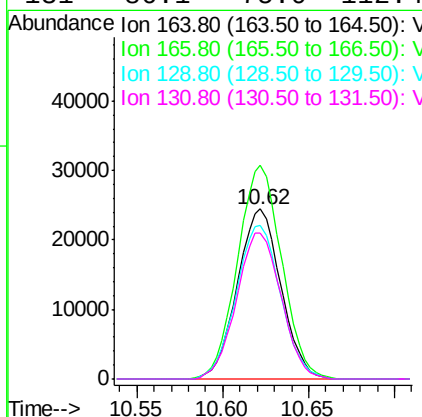


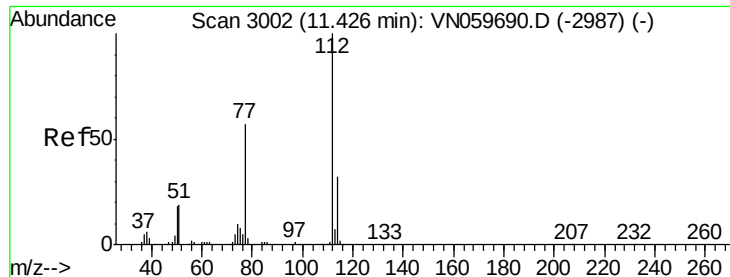
1/16/2020 10:56:53 AM



#64
Tetrachloroethene
Concen: 19.687 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	101.4	152.0
129	90.2	80.2	120.4
131	86.1	75.0	112.4





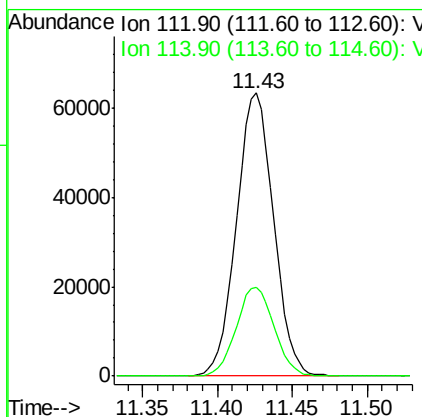
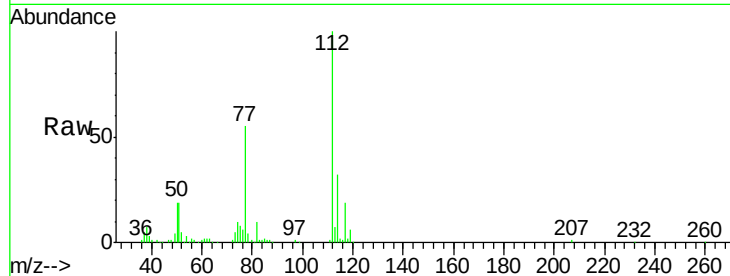
#65
Chlorobenzene
Concen: 20.772 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

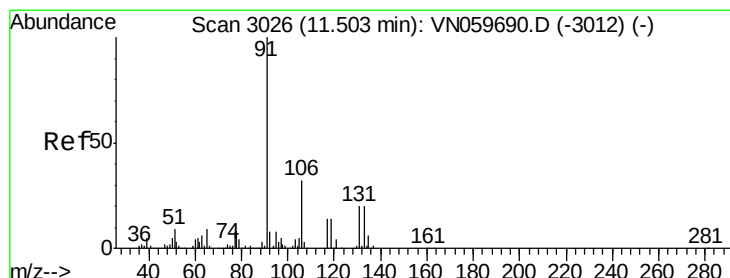
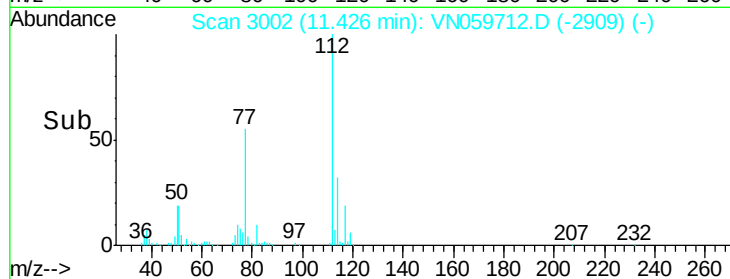
Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.8	38.8

Manual Integrations
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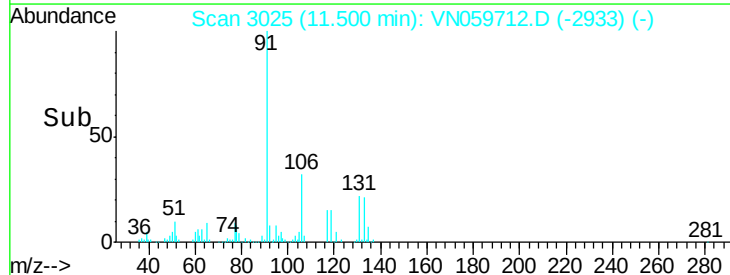
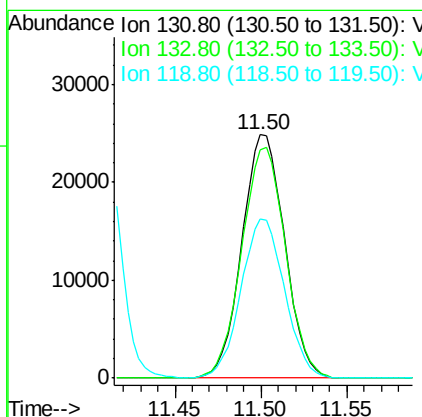
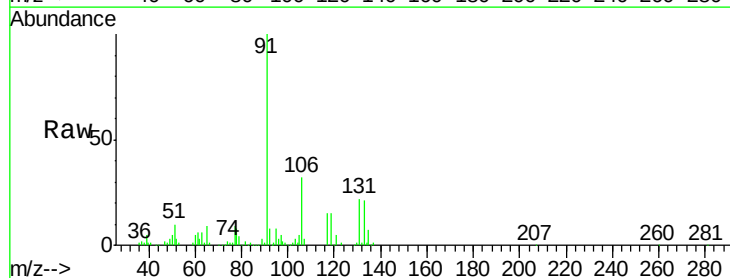


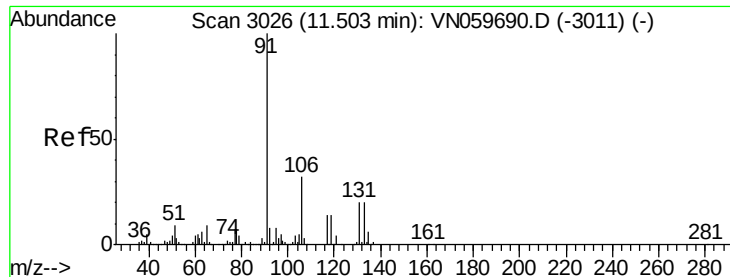
1/16/2020 10:56:53 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.130 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.4	142.2
119	66.6	33.1	99.3





#67

Ethyl Benzene

Concen: 20.602 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampled :

VN0115WBS01

Tot Ion: 91 Resp: 196888

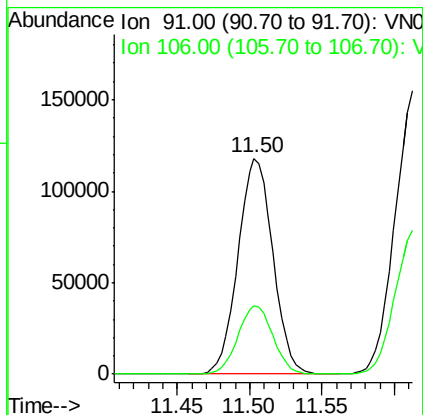
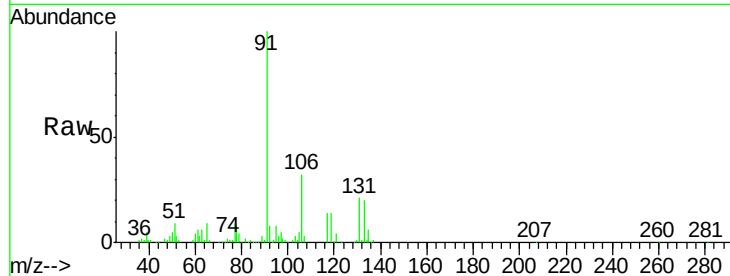
Ion Ratio Lower Upper

91 100

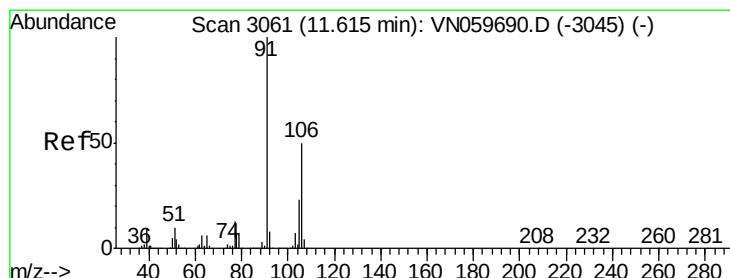
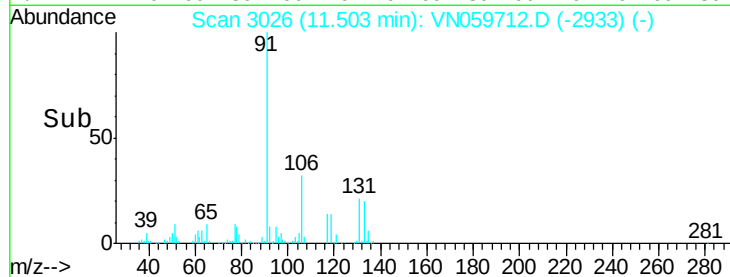
106 31.6 24.1 36.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 41.822 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059712.D

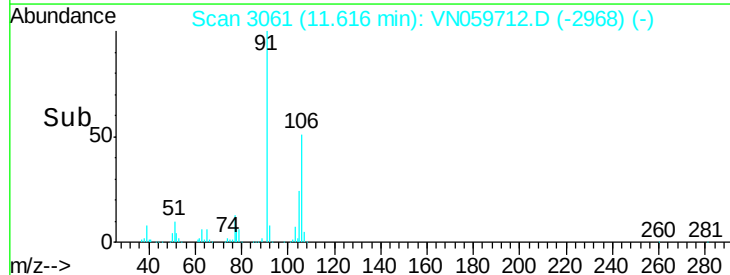
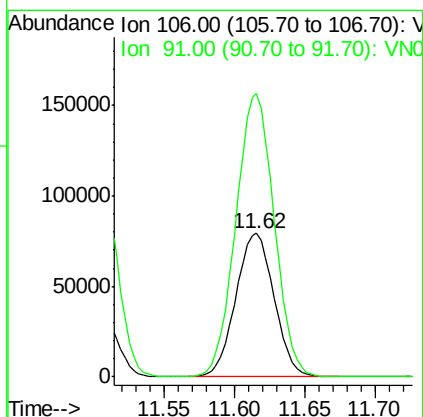
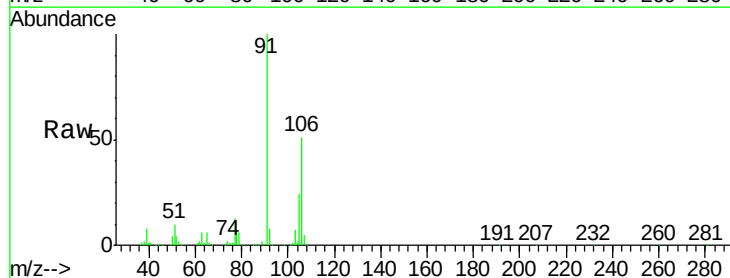
Acq: 15 Jan 2020 11:16

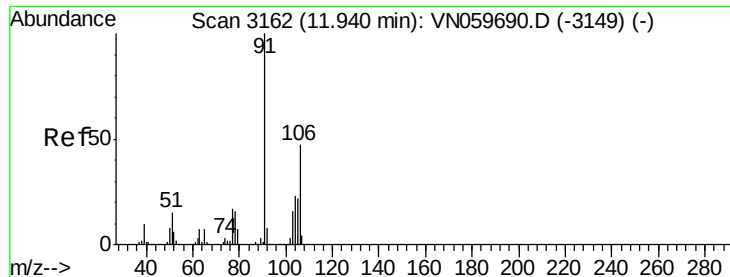
Tgt Ion: 106 Resp: 150980

Ion Ratio Lower Upper

106 100

91 197.8 167.9 251.9





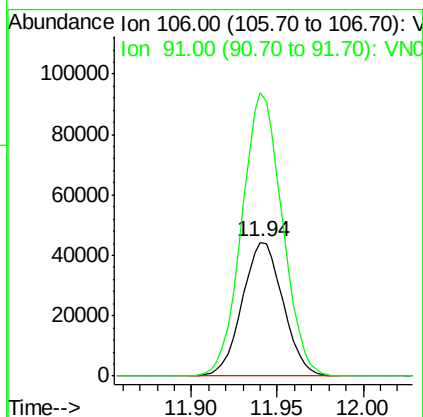
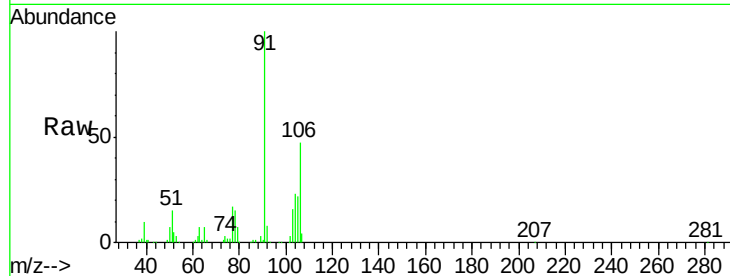
#69
o-Xylene
Concen: 20.672 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

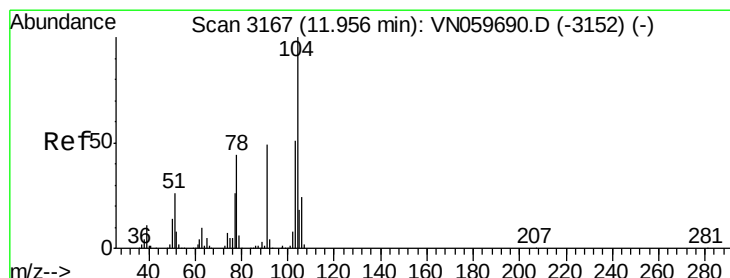
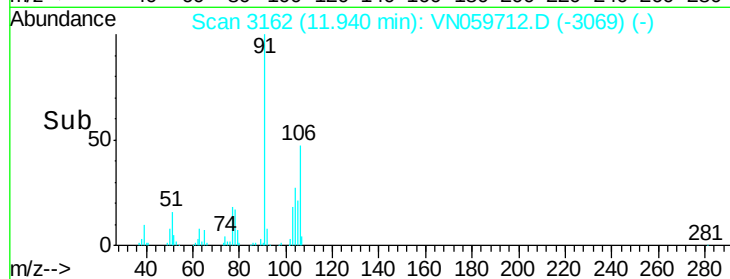
Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.9	110.3	330.9	

Manual Integrations
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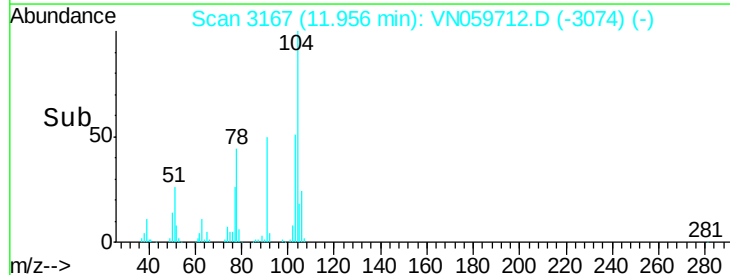
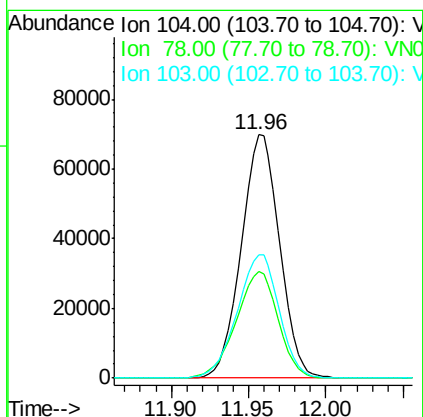
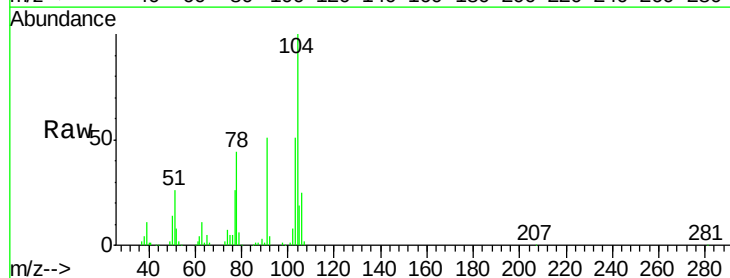


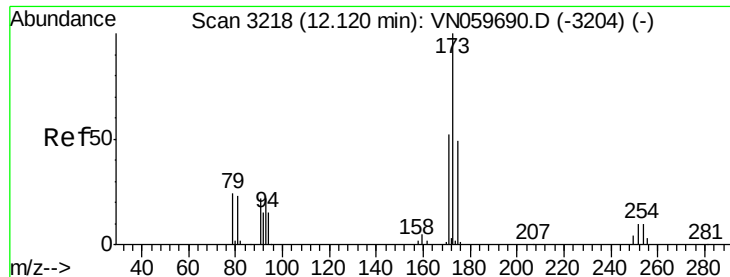
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#70
Styrene
Concen: 20.389 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.0	42.4	63.6	
103	55.6	43.9	65.9	





#71

Bromoform

Concen: 20.846 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

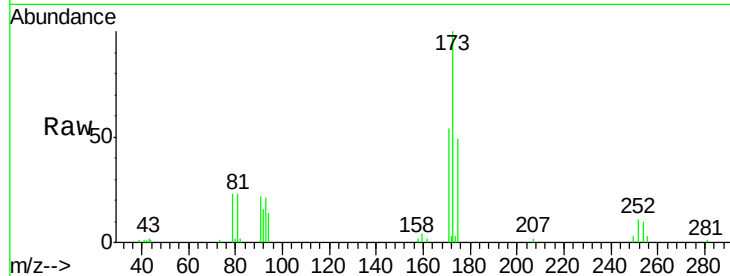
ClientSampleId :

VN0115WBS01

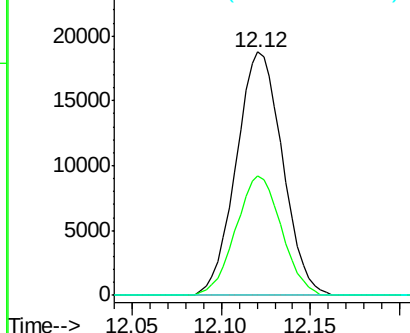
Tot Ion:	173	Resp:	33967
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations
APPROVED

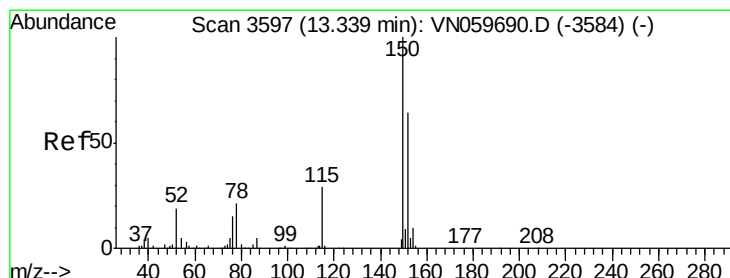
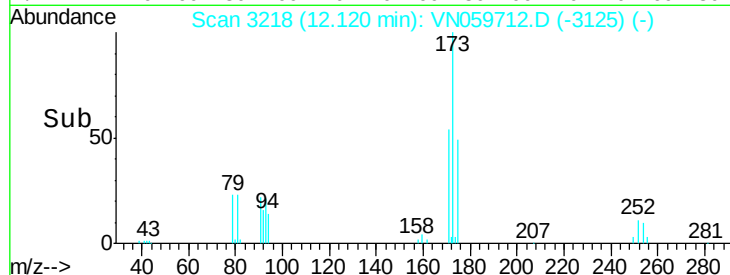
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

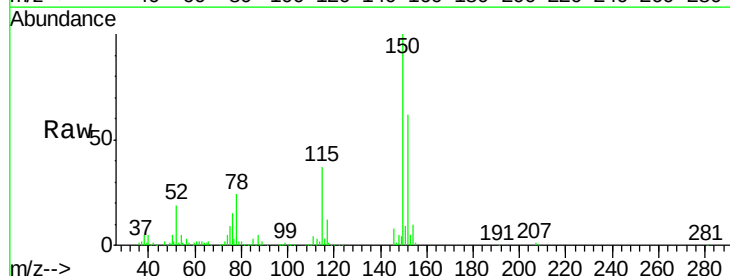
RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

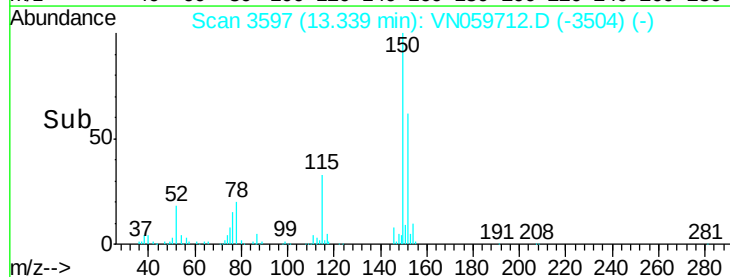
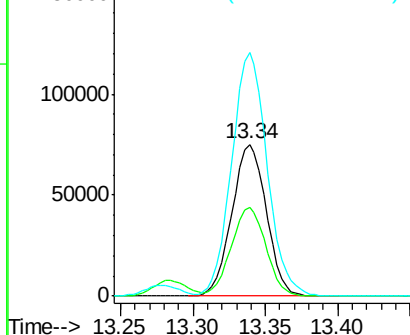
Lab File: VN059712.D

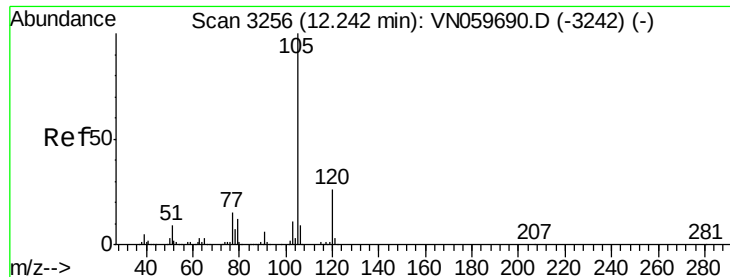
Acq: 15 Jan 2020 11:16

Tgt Ion:	152	Resp:	123959
Ion Ratio	Lower	Upper	
152	100		
115	58.2	30.3	90.9
150	165.2	0.0	345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.286 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

Tot Ion: 105 Resp: 193510

Ion Ratio Lower Upper

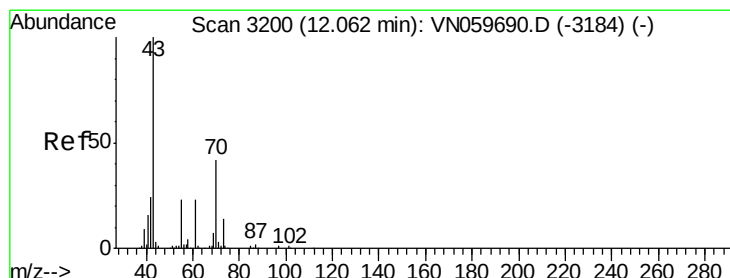
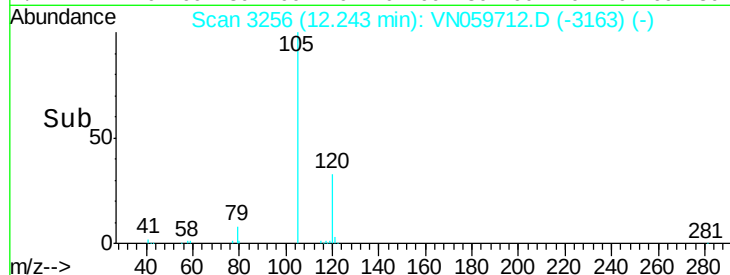
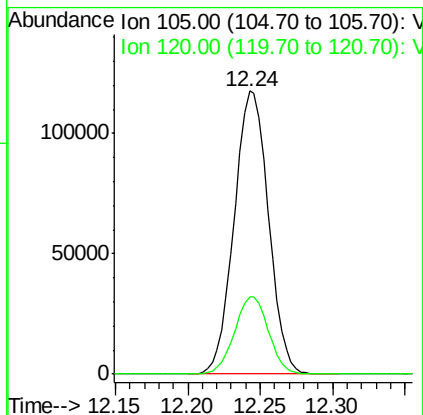
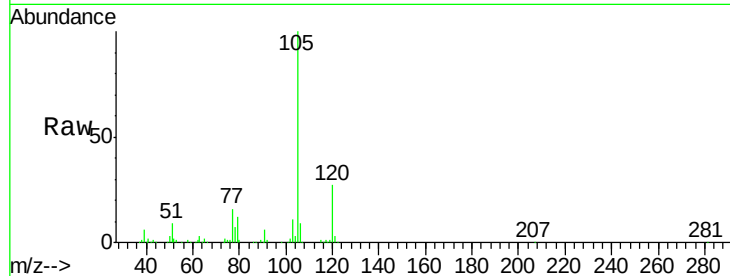
105 100

120 26.9 13.2 39.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.659 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion: 43 Resp: 69350

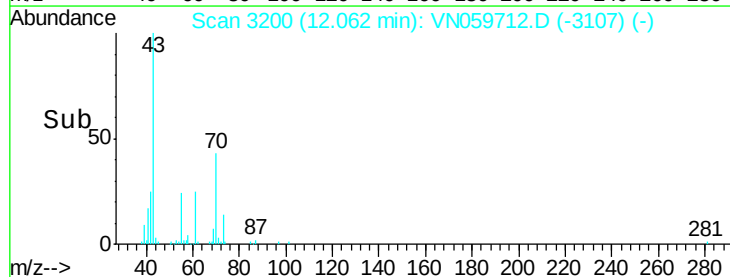
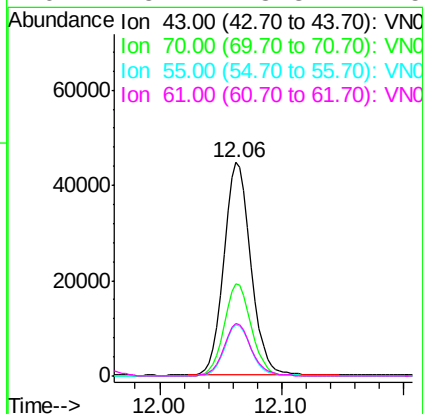
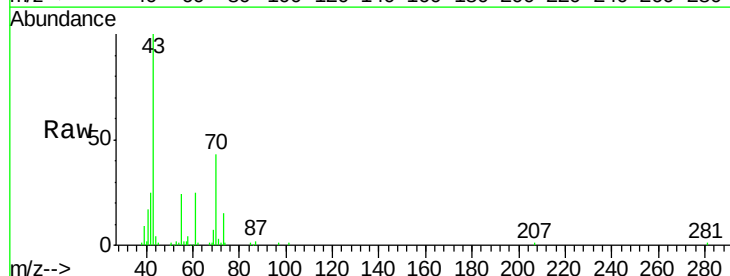
Ion Ratio Lower Upper

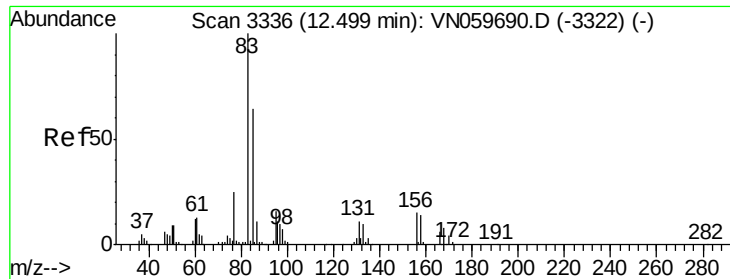
43 100

70 43.9 31.3 46.9

55 24.0 19.8 29.6

61 25.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.568 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

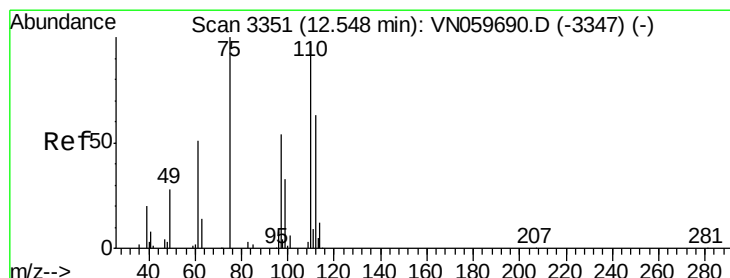
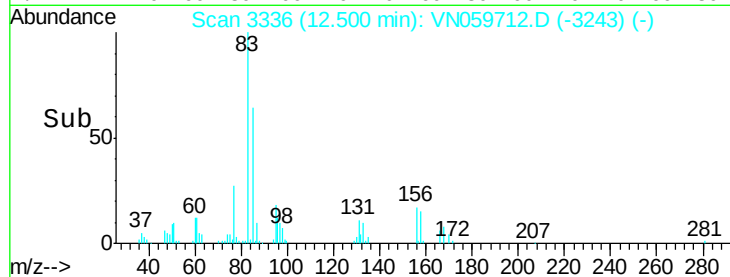
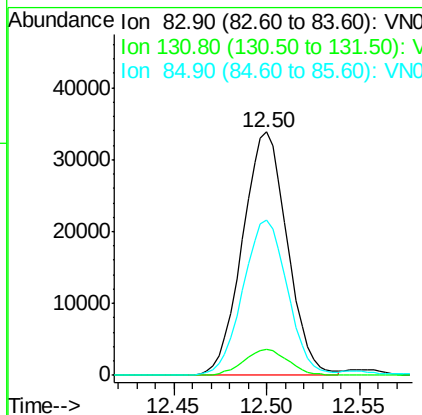
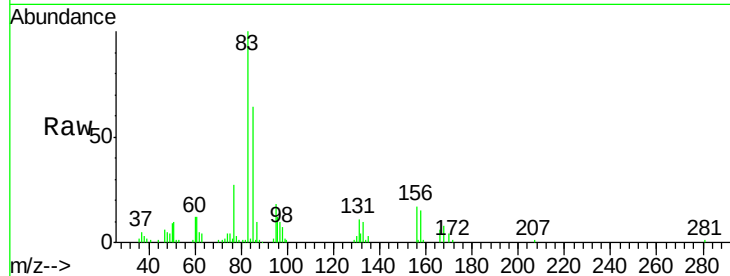
ClientSampleId :

VN0115WBS01

Tot Ion:	83	Resp:	56842
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	14.9
85	63.4	31.9	95.5

Manual Integrations
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1/16/2020 10:56:53 AM



#76

1,2,3-Trichloropropane

Concen: 24.239 ug/l m

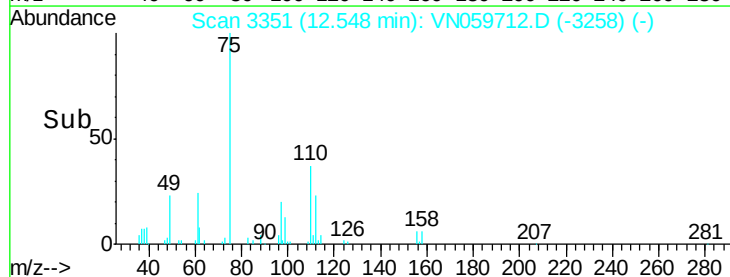
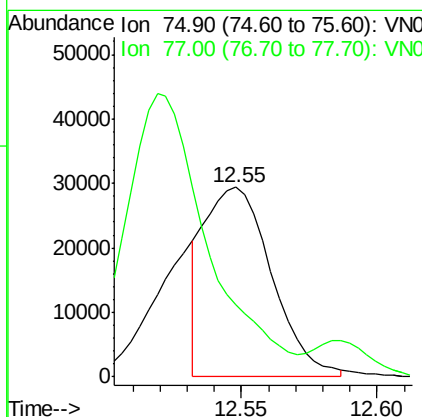
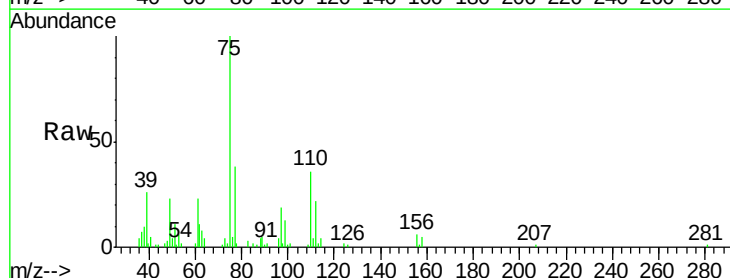
RT: 12.55 min Scan# 3351

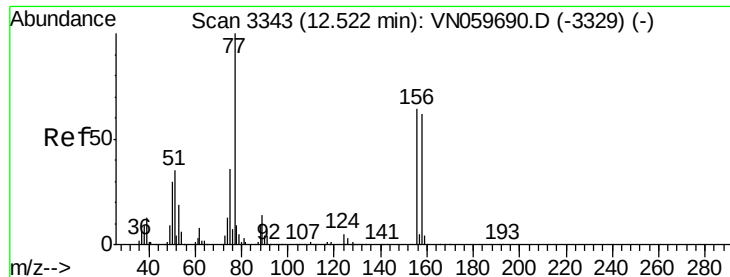
Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion:	75	Resp:	50565
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.500 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

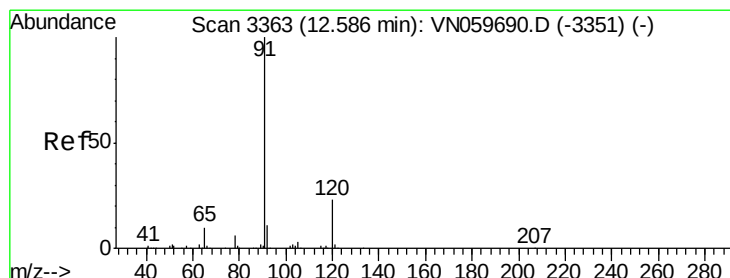
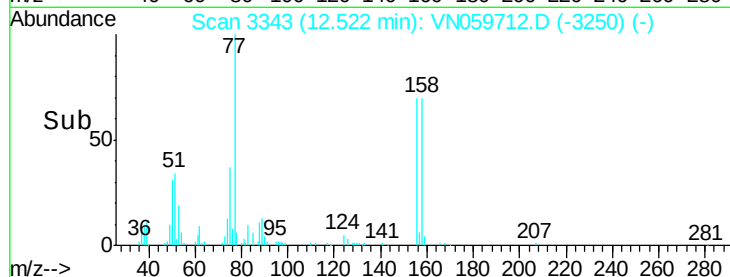
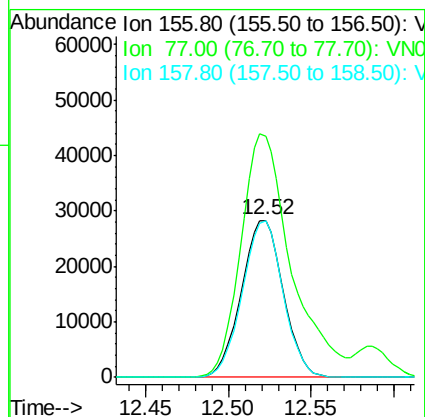
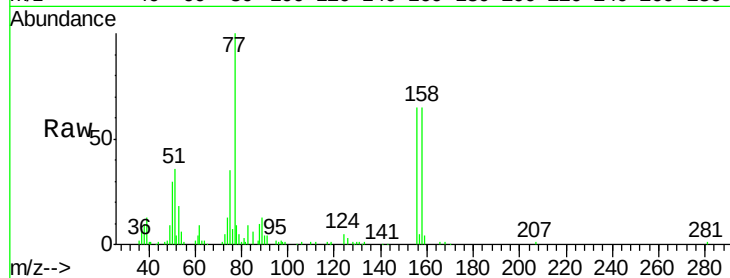
ClientSampleId :

VN0115WBS01

Tot Ion:	156	Resp:	49497
Ion Ratio	Lower	Upper	
156	100		
77	186.8	115.8	347.4
158	97.0	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.234 ug/l

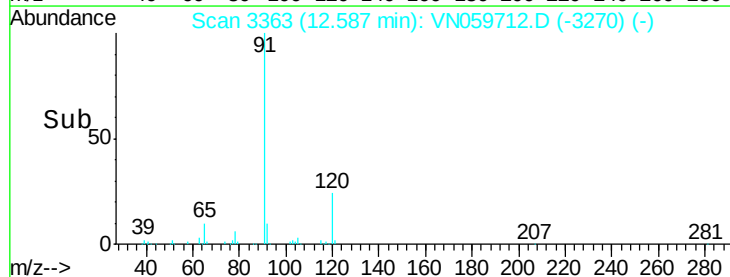
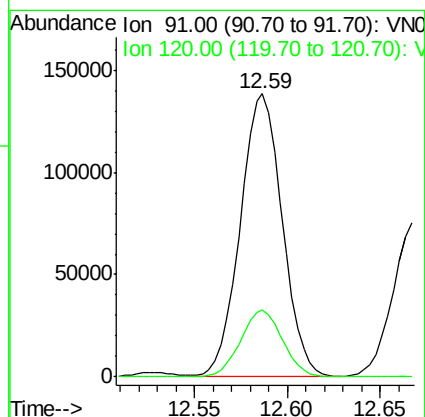
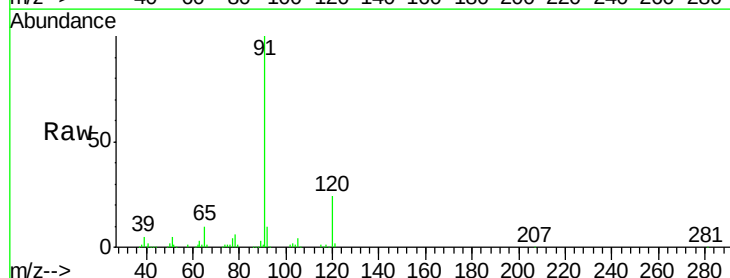
RT: 12.59 min Scan# 3363

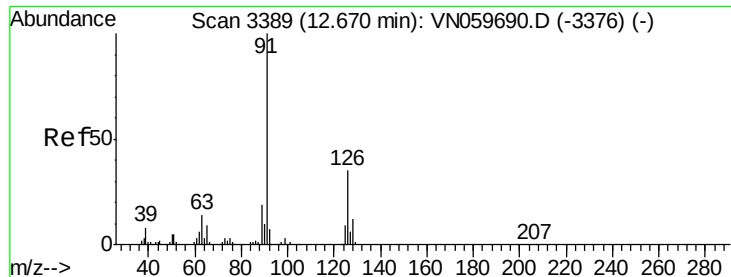
Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion:	91	Resp:	216666
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.1	33.3





#79

2-Chlorotoluene

Concen: 20.948 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

Tot Ion: 91 Resp: 127161

Ion Ratio Lower Upper

91 100

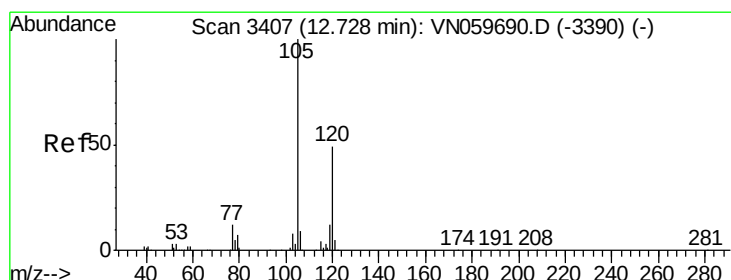
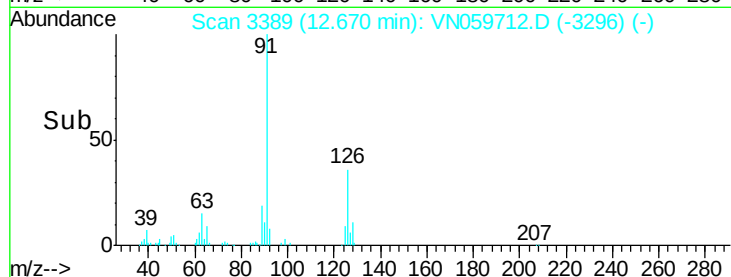
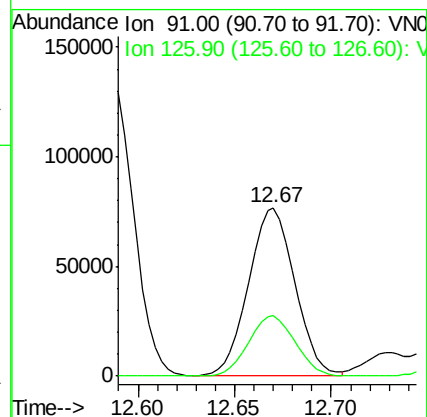
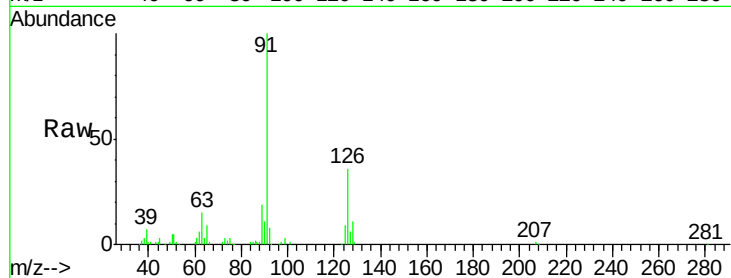
126 36.5 16.3 48.9

Manual Integrations

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1/16/2020 10:56:53 AM



#80

1,3,5-Trimethylbenzene

Concen: 21.325 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059712.D

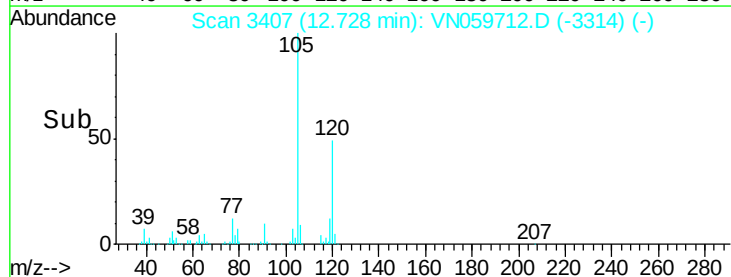
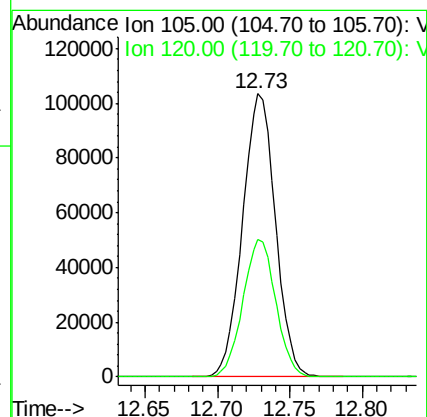
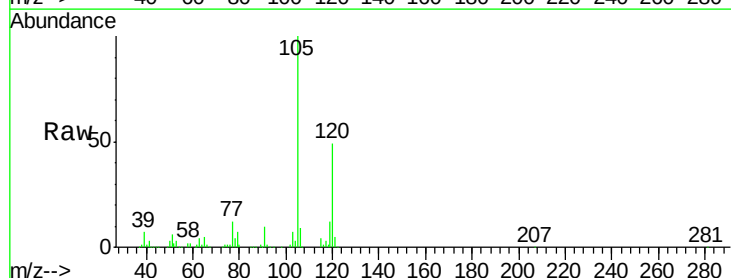
Acq: 15 Jan 2020 11:16

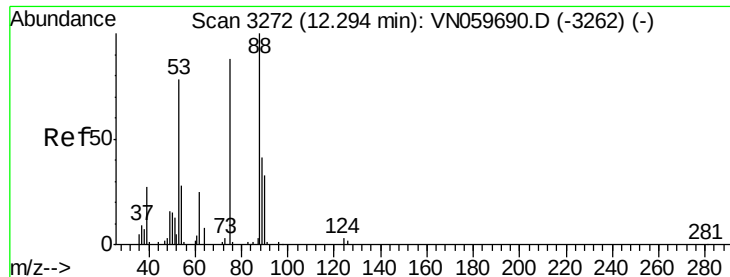
Tgt Ion: 105 Resp: 163041

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.536 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

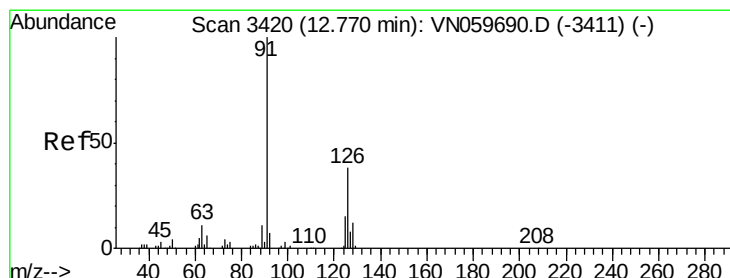
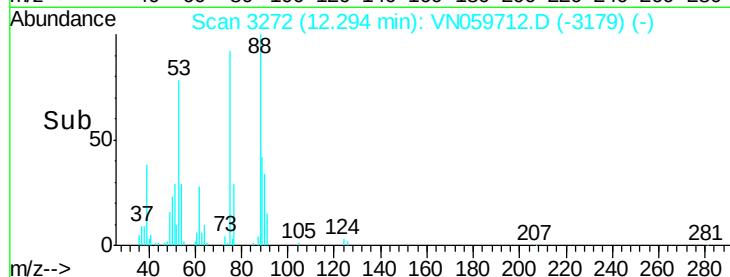
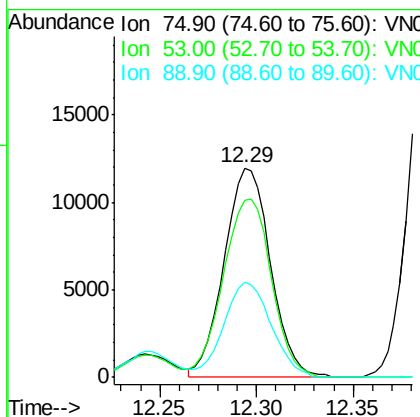
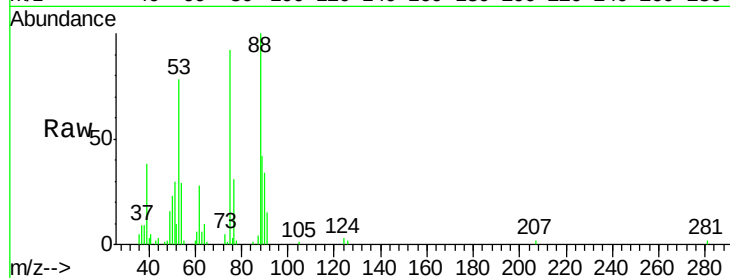
ClientSampleId :

VN0115WBS01

Tot Ion:	75	Resp:	19949
Ion	Ratio	Lower	Upper
75	100		
53	89.2	78.1	117.1
89	46.6	35.4	53.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.027 ug/l

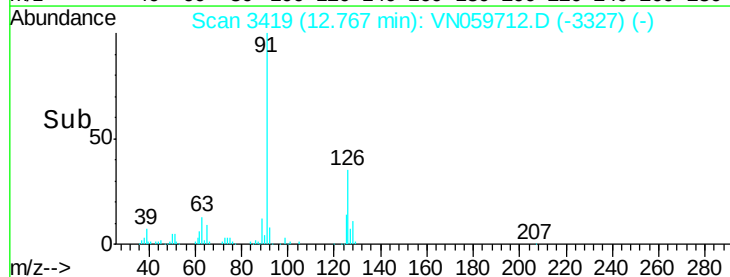
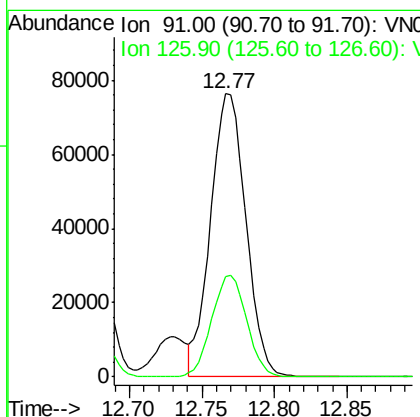
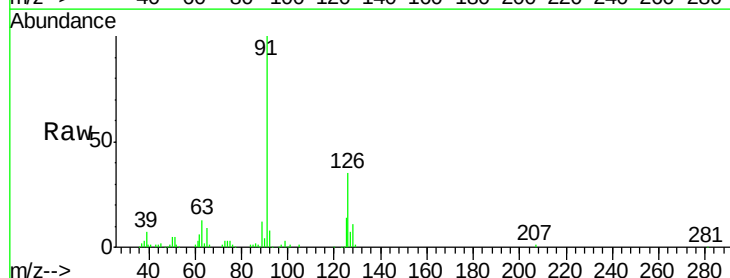
RT: 12.77 min Scan# 3419

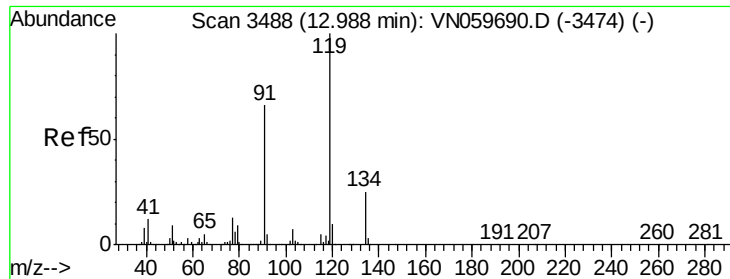
Delta R.T. -0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion:	91	Resp:	128023
Ion	Ratio	Lower	Upper
91	100		
126	35.8	16.3	48.8





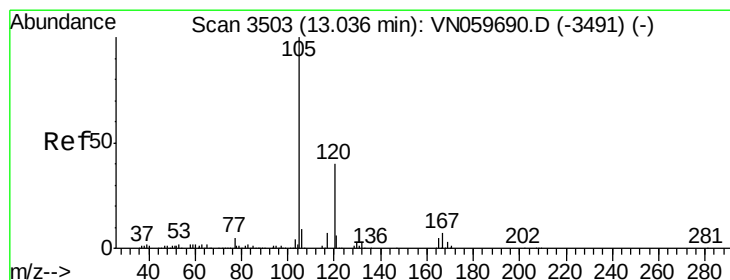
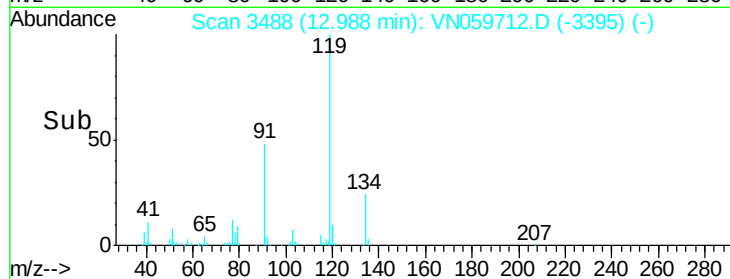
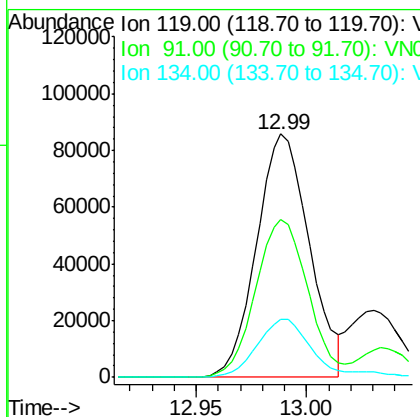
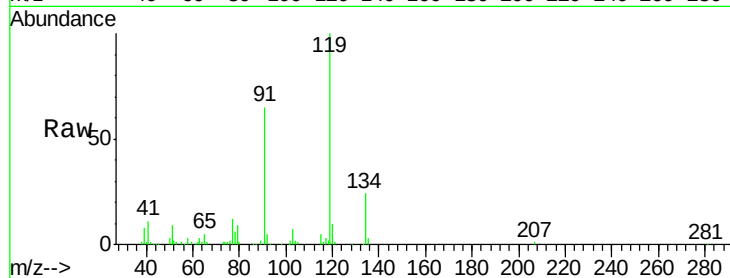
#83
 tert-Butylbenzene
 Concen: 21.507 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	34.8	104.4
134	24.0	12.3	36.9

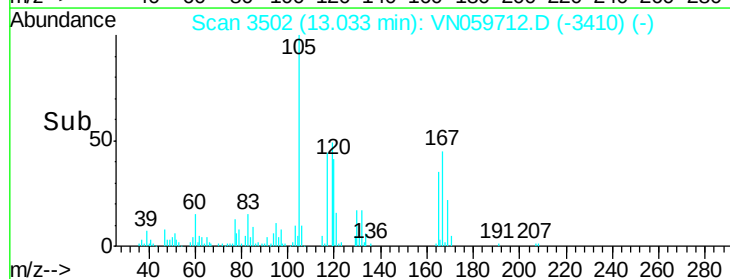
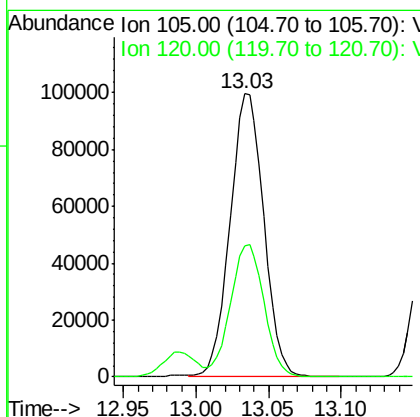
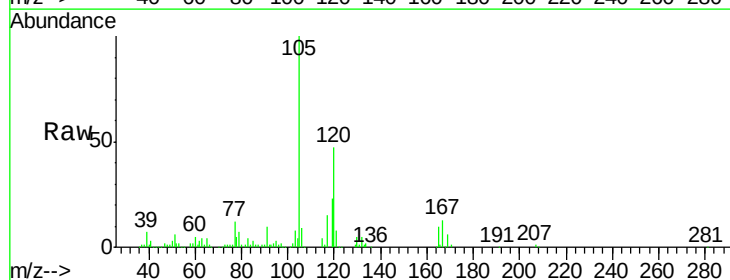
Manual Integrations
 APPROVED

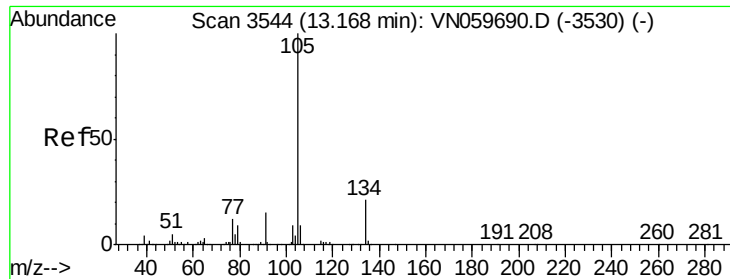
MMDadoda
 1/16/2020 10:56:53 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.205 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.3	66.9





#85

sec-Butylbenzene

Concen: 21.202 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

Tot Ion:105 Resp: 184196

Ion Ratio Lower Upper

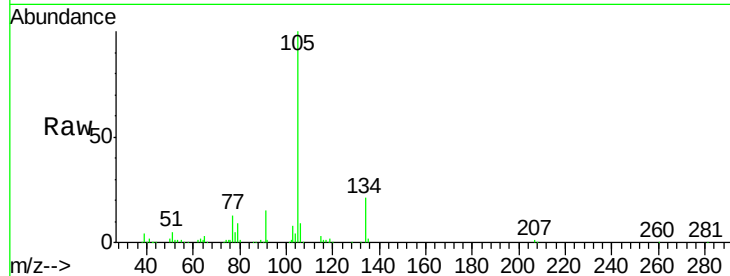
105 100

134 20.2 9.8 29.5

Manual Integrations
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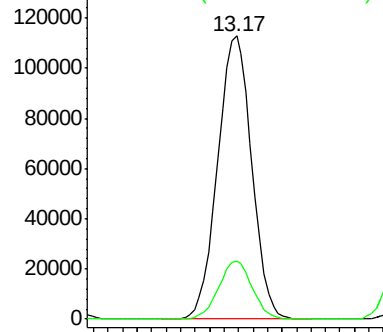
MMDadoda

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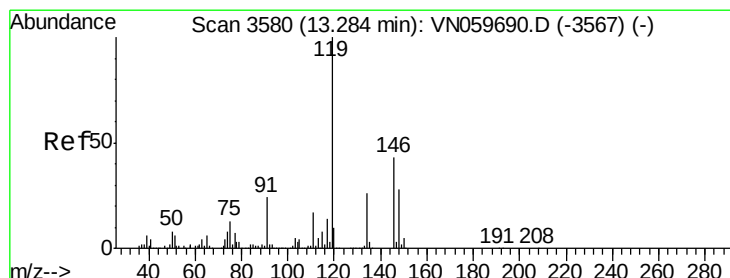
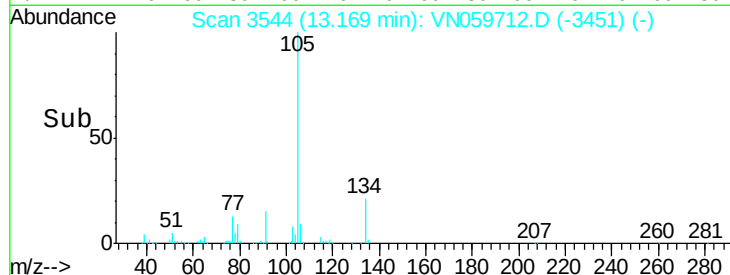


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.991 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

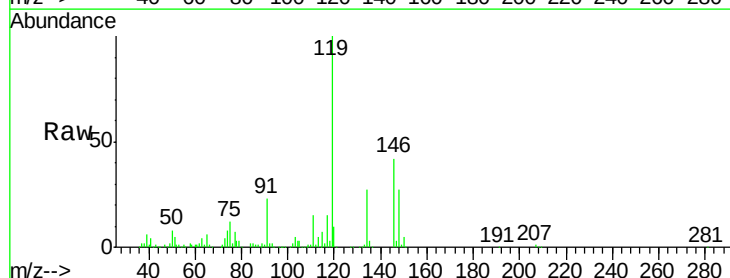
Tgt Ion:119 Resp: 168741

Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.7

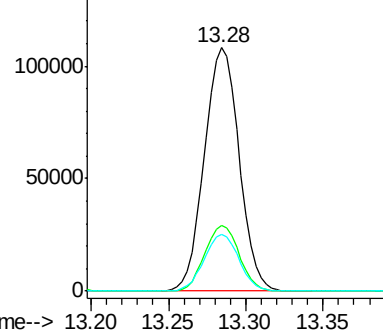
91 23.3 12.4 37.4



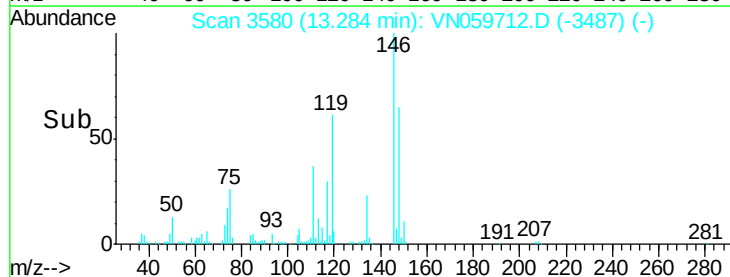
Abundance Ion 119.00 (118.70 to 119.70): V

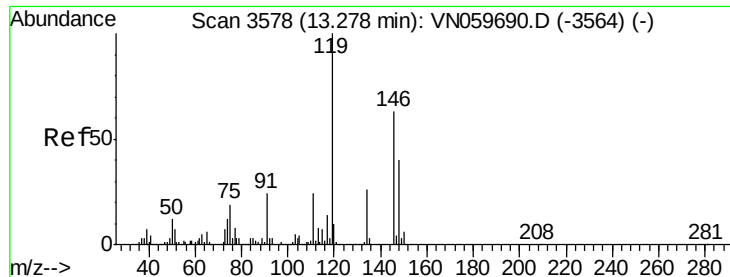
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 21.303 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059712.D

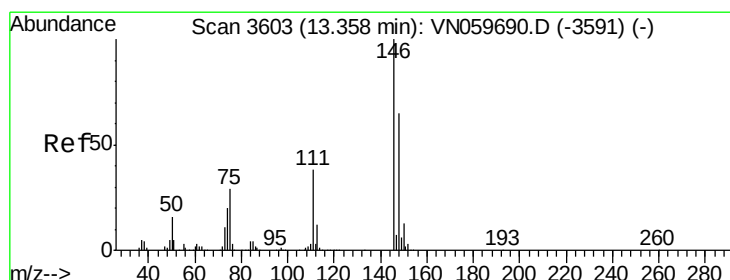
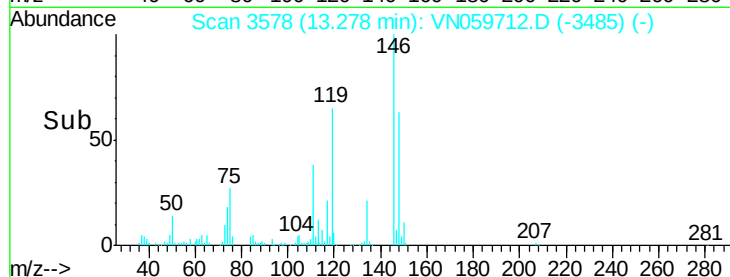
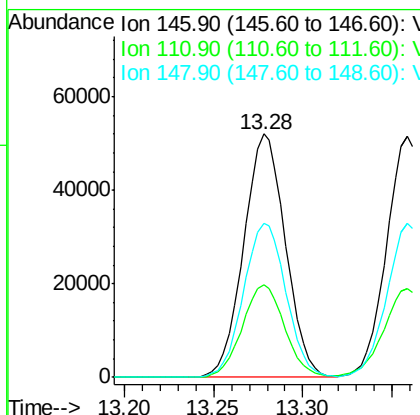
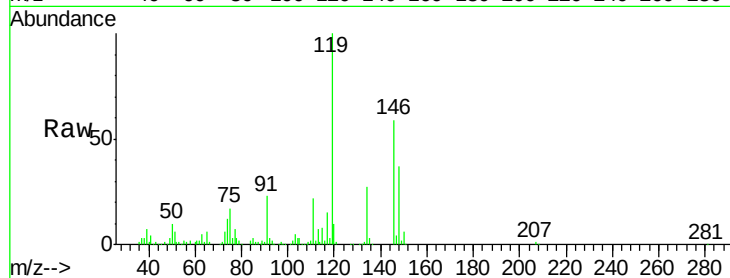
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.8	62.2
148	64.4	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.144 ug/l

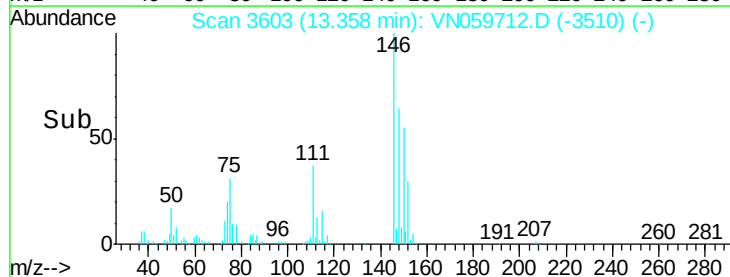
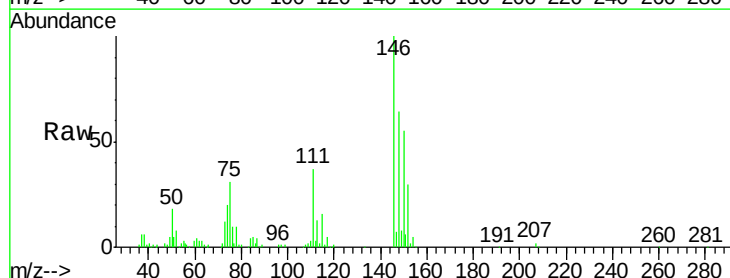
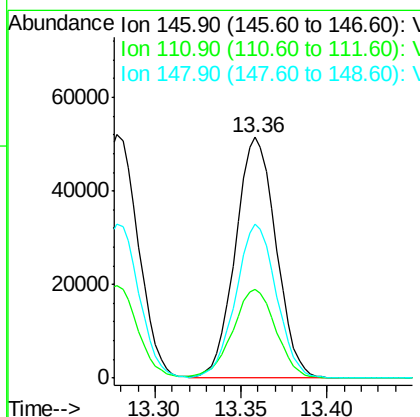
RT: 13.36 min Scan# 3603

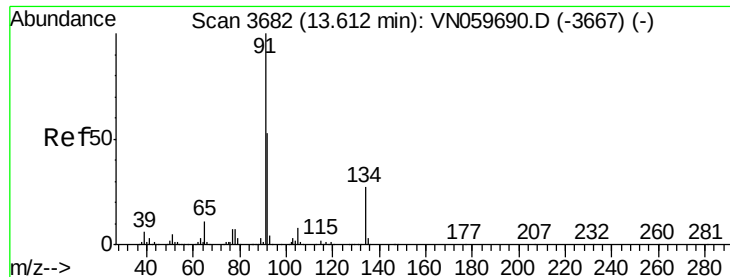
Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.8	62.2
148	64.0	31.8	95.4





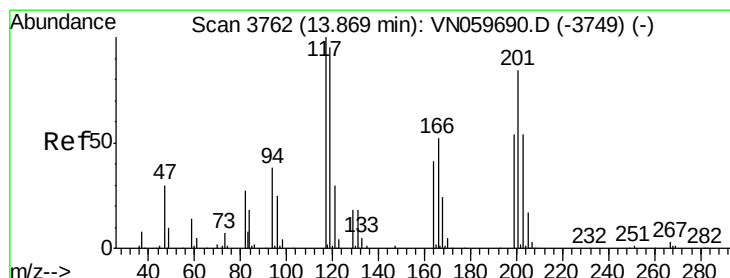
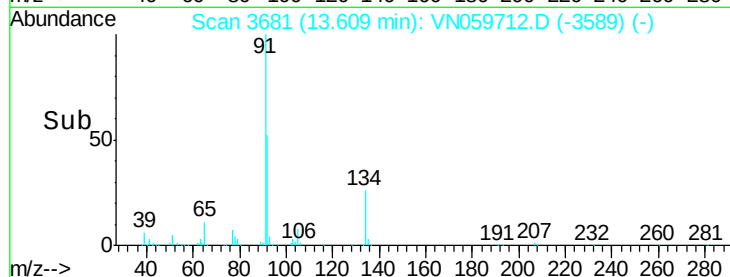
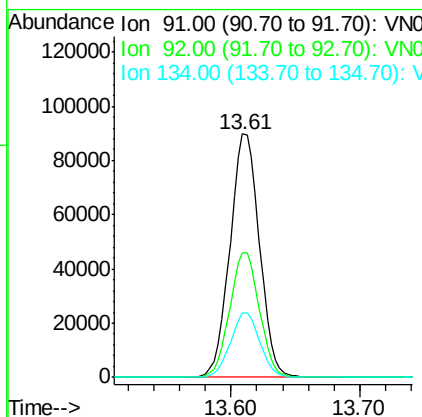
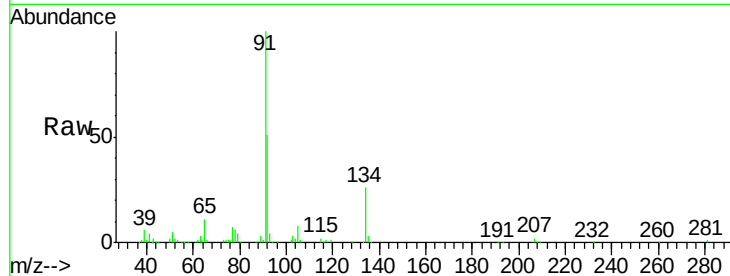
#89
n-Butylbenzene
Concen: 20.769 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.9	77.7
134	26.4	12.3	36.8

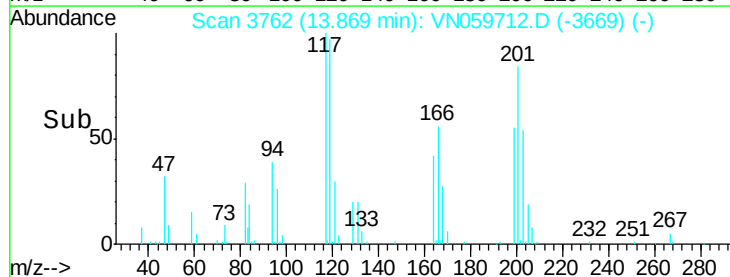
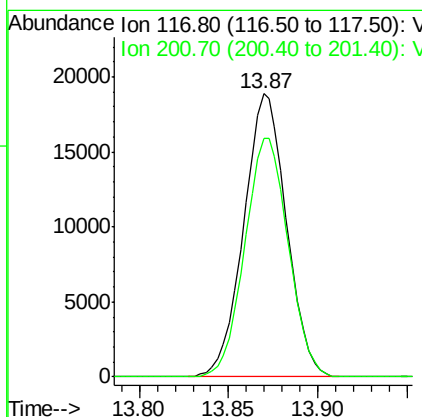
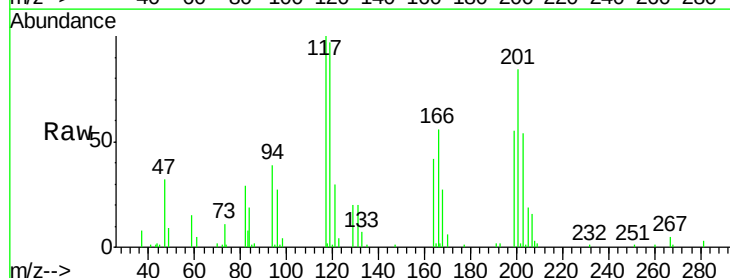
Manual Integrations
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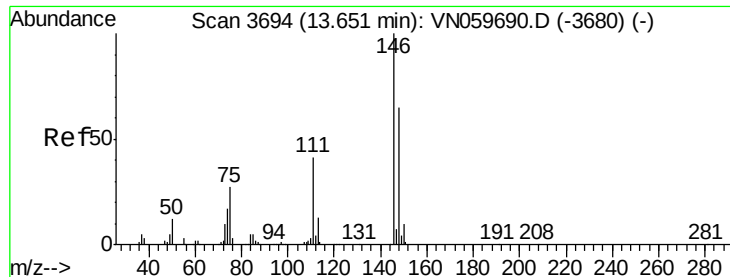
MMDadoda
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#90
Hexachloroethane
Concen: 21.003 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.8	37.8	113.4





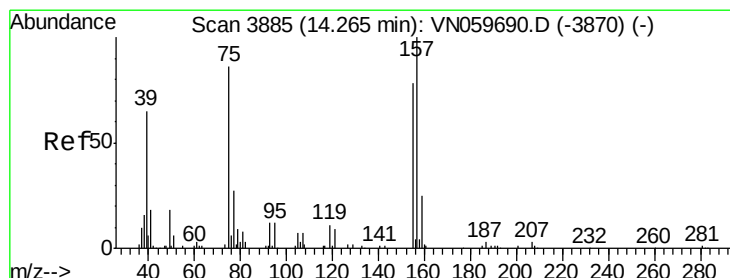
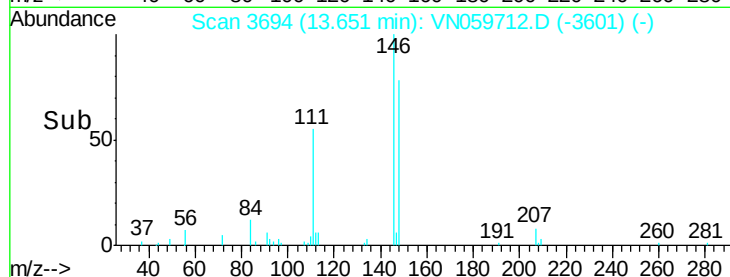
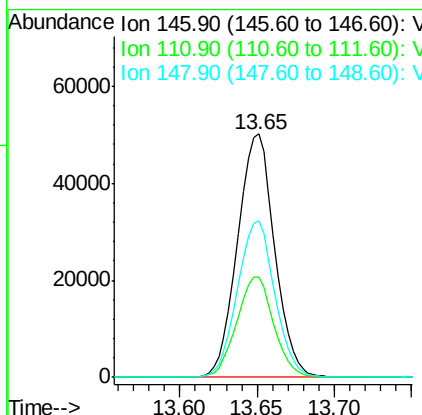
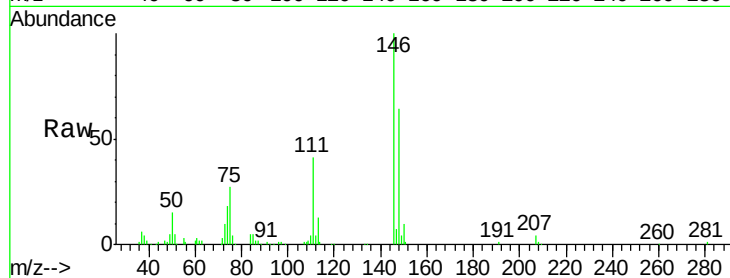
#91
 1,2-Dichlorobenzene
 Concen: 21.206 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.6	64.8
148	64.5	31.6	95.0

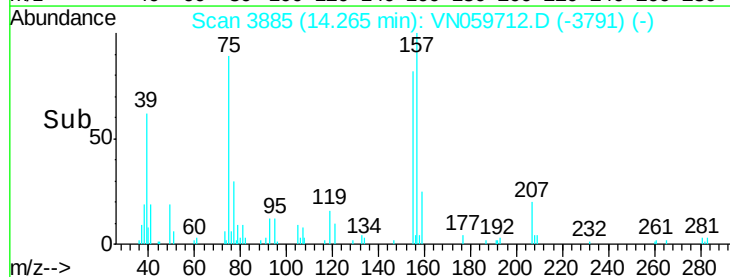
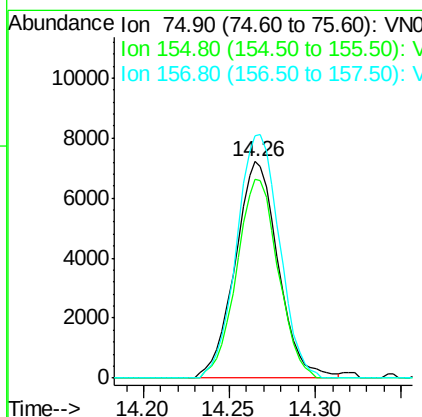
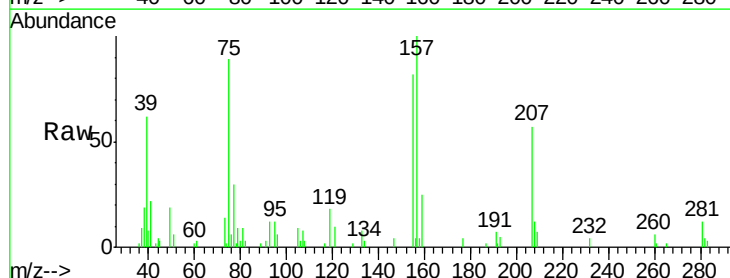
Manual Integrations
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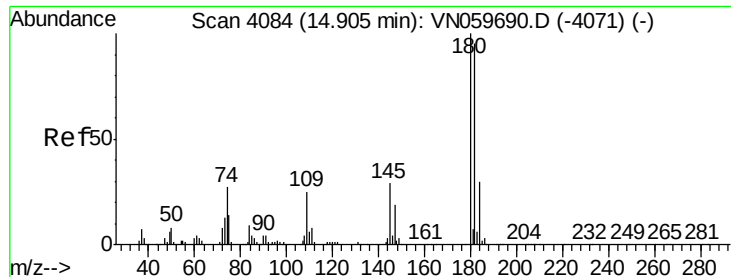
MMDadoda
 1/16/2020 10:56:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.946 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	37.0	110.9
157	111.4	48.4	145.2





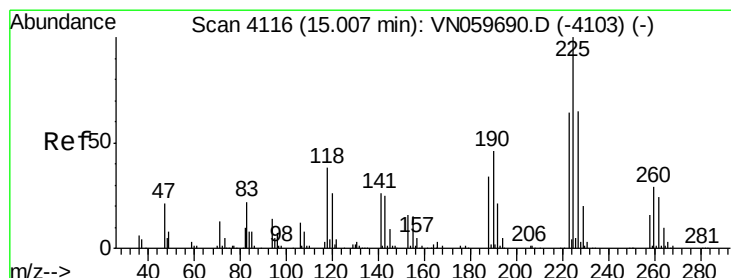
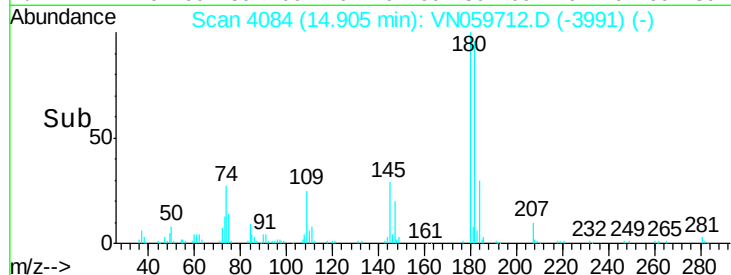
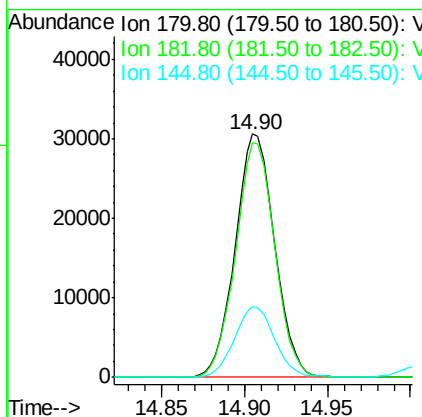
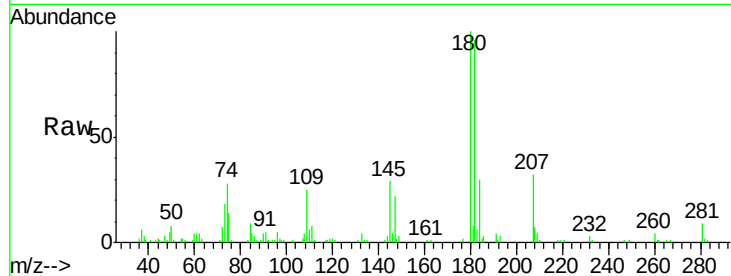
#93
 1,2,4-Trichlorobenzene
 Concen: 21.293 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.7
145	29.6	15.0	45.1

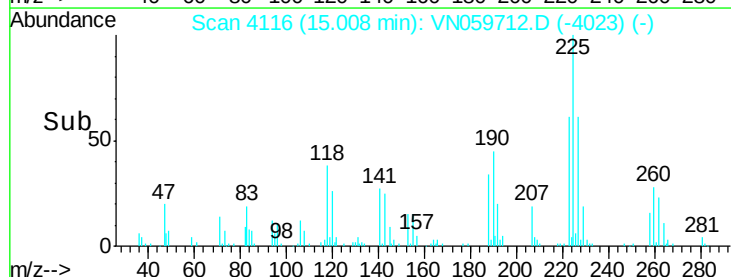
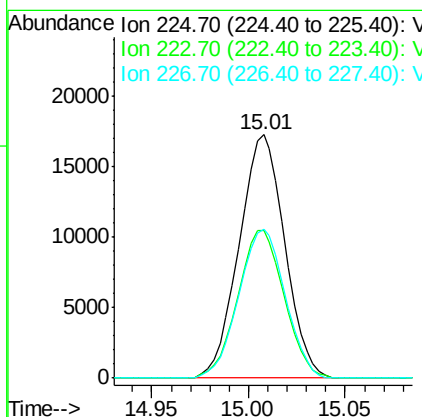
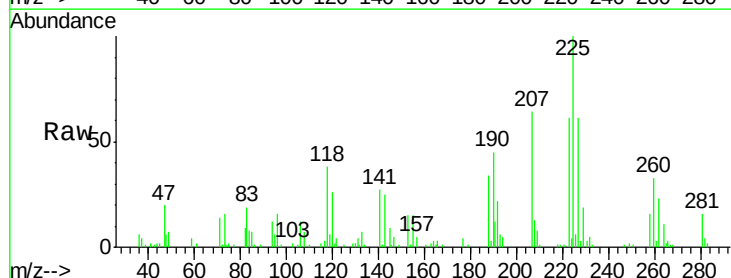
Manual Integrations
 APPROVED

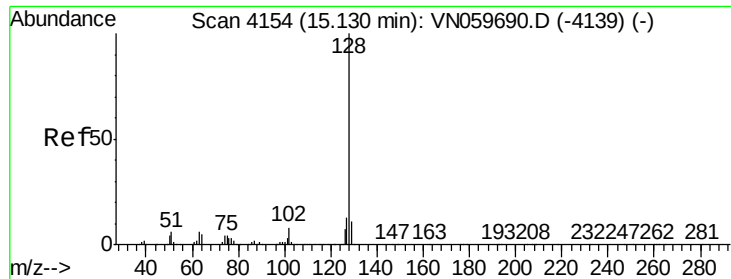
MMDadoda
 1/16/2020 10:56:53 AM



#94
 Hexachlorobutadiene
 Concen: 21.644 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.8	95.3
227	62.1	32.1	96.5





#95

Naphthalene

Concen: 20.829 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

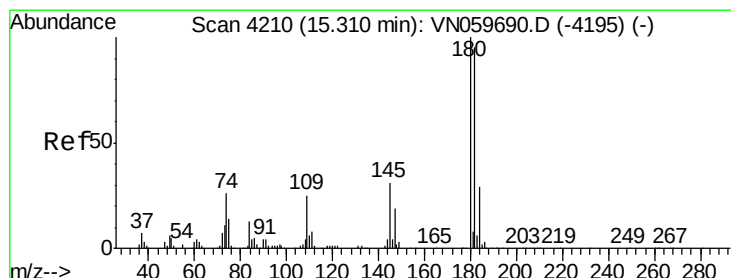
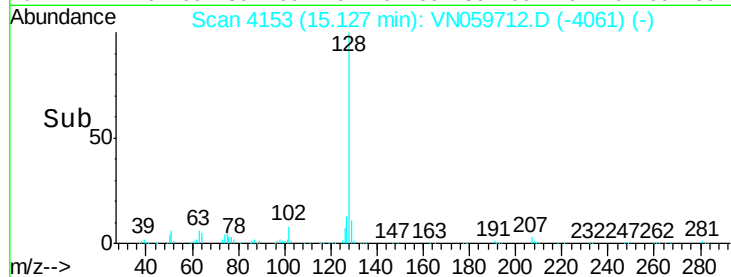
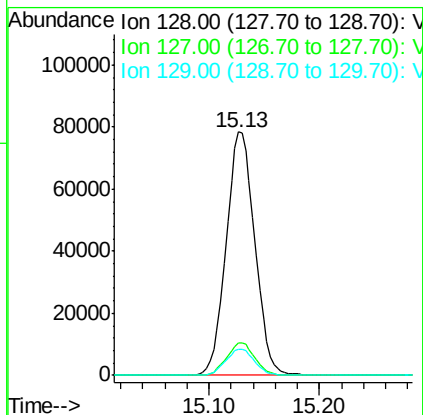
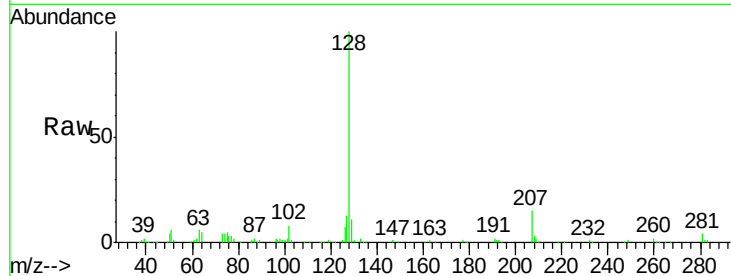
ClientSampleId :

VN0115WBS01

Tot Ion:	128	Resp:	140744
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/16/2020 10:56:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.464 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion:	180	Resp:	49631
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.4	142.3
145	32.9	16.3	48.9

