

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059752.D
 Acq On : 17 Jan 2020 11:40
 Operator : JC/MD
 Sample : VN0117WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:12:10 AM

Quant Time: Jan 18 01:18:48 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	309746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	278605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	112956	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.56	113	96094	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.08	98	367827	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.40	95	130805	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46657	19.169	ug/l	99
3) Chloromethane	2.04	50	42504	18.286	ug/l	97
4) Vinyl Chloride	2.17	62	53230	20.014	ug/l	97
5) Bromomethane	2.54	94	32851	20.240	ug/l	100
6) Chloroethane	2.69	64	24865	19.761	ug/l	95
7) Trichlorofluoromethane	3.00	101	63608	19.915	ug/l	98
8) Diethyl Ether	3.38	74	22113	19.728	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37302	20.984	ug/l	91
10) Methyl Iodide	3.93	142	54969	19.130	ug/l	94
11) Tert butyl alcohol	4.73	59	34769	91.601	ug/l	98
12) 1,1-Dichloroethene	3.72	96	35345	19.028	ug/l	86
13) Acrolein	3.58	56	17223	64.100	ug/l	95
14) Allyl chloride	4.29	41	49148	19.630	ug/l #	87
15) Acrylonitrile	4.94	53	79402	91.706	ug/l	99
16) Acetone	3.78	43	74054	89.885	ug/l	94
17) Carbon Disulfide	4.03	76	96622	18.260	ug/l	98
18) Methyl Acetate	4.29	43	47606	18.076	ug/l #	88
19) Methyl tert-butyl Ether	5.00	73	118158	19.510	ug/l	98
20) Methylene Chloride	4.52	84	39486	18.542	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	38274	19.384	ug/l	89
22) Diisopropyl ether	5.91	45	108346	19.095	ug/l #	93
23) Vinyl Acetate	5.86	43	395658	90.066	ug/l	95
24) 1,1-Dichloroethane	5.82	63	66698	19.239	ug/l	96
25) 2-Butanone	6.80	43	110560	86.589	ug/l #	87
26) 2,2-Dichloropropane	6.80	77	63413	19.026	ug/l	93
27) cis-1,2-Dichloroethene	6.80	96	44282	19.498	ug/l	87
28) Bromochloromethane	7.17	49	27627	19.938	ug/l #	71
29) Tetrahydrofuran	7.18	42	69399	87.846	ug/l #	87
30) Chloroform	7.35	83	70770	19.701	ug/l	100
31) Cyclohexane	7.63	56	62429	18.714	ug/l #	85
32) 1,1,1-Trichloroethane	7.54	97	65211	19.634	ug/l	95
36) 1,1-Dichloropropene	7.77	75	53197	19.722	ug/l	95
37) Ethyl Acetate	6.90	43	46392	18.337	ug/l	96
38) Carbon Tetrachloride	7.75	117	58110	19.804	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	65063	19.562	ug/l	89
40) Benzene	8.02	78	156225	19.420	ug/l	99
41) Methacrylonitrile	7.15	41	20521m	16.468	ug/l	
42) 1,2-Dichloroethane	8.10	62	53882	19.755	ug/l	97
43) Isopropyl Acetate	8.14	43	78685	18.082	ug/l #	94
44) Trichloroethene	8.82	130	46068	20.977	ug/l	93
45) 1,2-Dichloropropane	9.10	63	39391	19.788	ug/l	98
46) Dibromomethane	9.19	93	27819	19.811	ug/l	91
47) Bromodichloromethane	9.39	83	55571	19.638	ug/l	99
48) Methyl methacrylate	9.18	41	34438	17.693	ug/l	87
49) 1,4-Dioxane	9.18	88	14656	411.313	ug/l	89
51) 4-Methyl-2-Pentanone	9.97	43	224786	89.361	ug/l	95
52) Toluene	10.14	92	100292	19.737	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	60516	19.153	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	66193	19.911	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	38935	19.347	ug/l	98
56) Ethyl methacrylate	10.42	69	57217	18.606	ug/l	92
57) 1,3-Dichloropropane	10.70	76	64179	20.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	104211	112.511	ug/l	91
59) 2-Hexanone	10.74	43	168781	91.077	ug/l	94
60) Dibromochloromethane	10.89	129	46284	20.196	ug/l	98
61) 1,2-Dibromoethane	10.99	107	41497	19.673	ug/l	99
64) Tetrachloroethene	10.62	164	46714	20.573	ug/l	96
65) Chlorobenzene	11.43	112	109658	20.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42560	20.114	ug/l	98
67) Ethyl Benzene	11.50	91	195615	19.678	ug/l	97
68) m/p-Xylenes	11.62	106	148372	39.513	ug/l	94
69) o-Xylene	11.94	106	72044	19.597	ug/l	93
70) Styrene	11.96	104	118844	19.319	ug/l	96
71) Bromoform	12.12	173	33949	20.030	ug/l #	99
73) Isopropylbenzene	12.25	105	194917	20.054	ug/l	99
74) N-amyl acetate	12.07	43	67486	17.894	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	52719	18.710	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	44766m	20.071	ug/l	
77) Bromobenzene	12.52	156	49803	20.234	ug/l	79
78) n-propylbenzene	12.59	91	217180	19.908	ug/l	96
79) 2-Chlorotoluene	12.67	91	126190	19.444	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	162279	19.853	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19204	18.491	ug/l	94
82) 4-Chlorotoluene	12.77	91	129080	19.829	ug/l	94
83) tert-Butylbenzene	12.99	119	139965	19.798	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	164505	20.342	ug/l	98
85) sec-Butylbenzene	13.17	105	184420	19.855	ug/l	98
86) p-Isopropyltoluene	13.28	119	171100	19.908	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	86972	20.342	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	85742	20.102	ug/l	97
89) n-Butylbenzene	13.61	91	145443	19.847	ug/l	98
90) Hexachloroethane	13.87	117	31421	19.540	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	84473	19.985	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11478	17.626	ug/l	82

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	52358	20.615	ug/l	99
94) Hexachlorobutadiene	15.01	225	28925	20.666	ug/l	99
95) Naphthalene	15.13	128	136341	18.873	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50593	20.465	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

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Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

Tot Ion:168 Resp: 203032

Ion Ratio Lower Upper

168 100

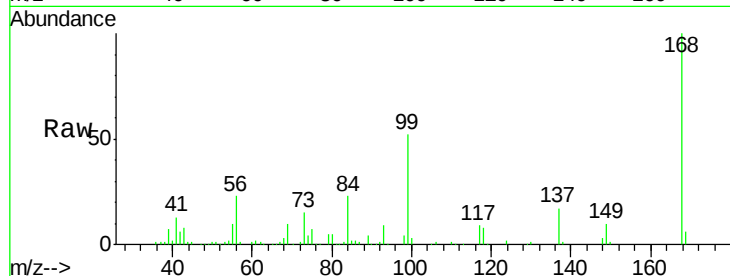
99 51.7 48.2 72.4

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

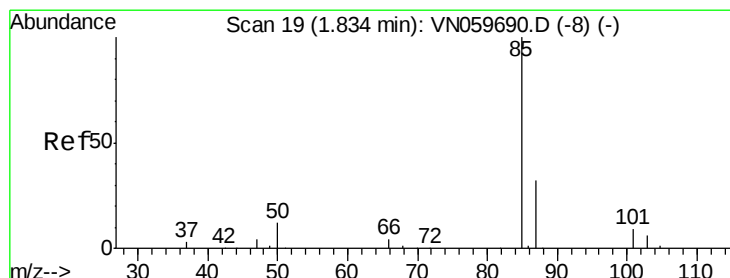
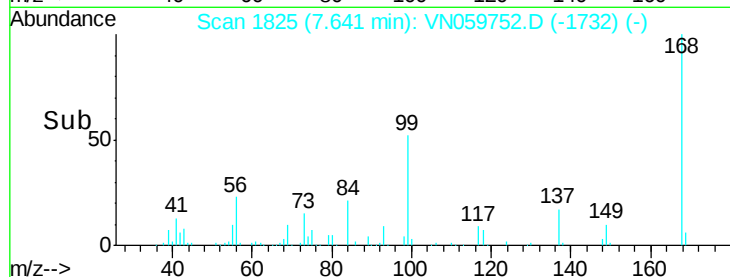
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.169 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059752.D

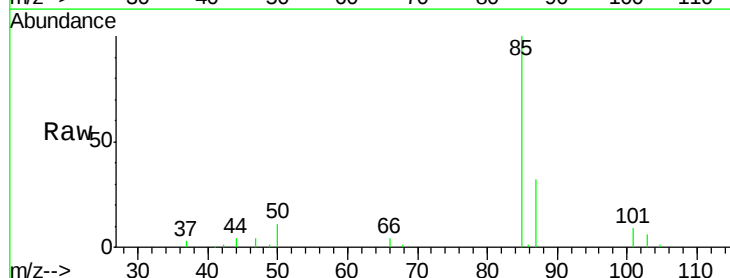
Acq: 17 Jan 2020 11:40

Tgt Ion: 85 Resp: 46657

Ion Ratio Lower Upper

85 100

87 32.3 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

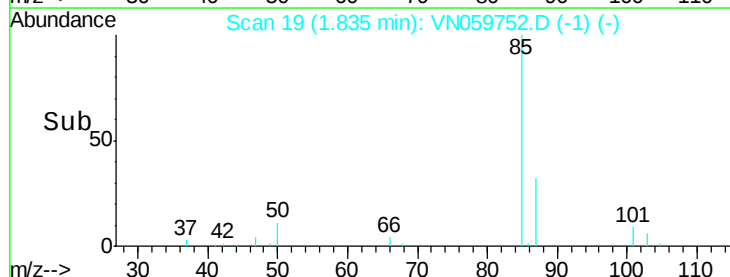
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.286 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

Tot Ion: 50 Resp: 42504

Ion Ratio Lower Upper

50 100

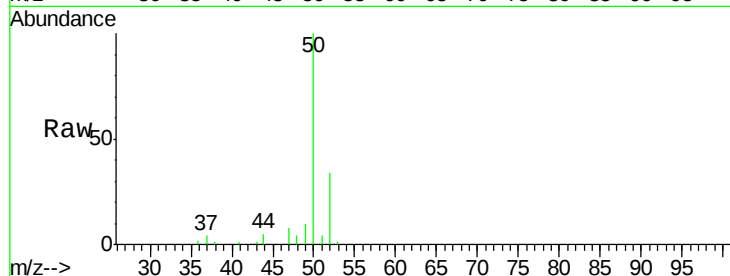
52 34.3 25.9 38.9

Manual Integrations

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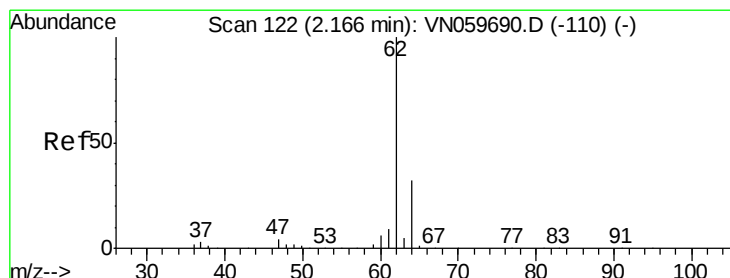
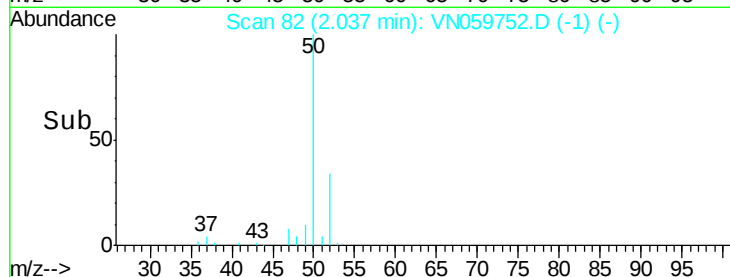
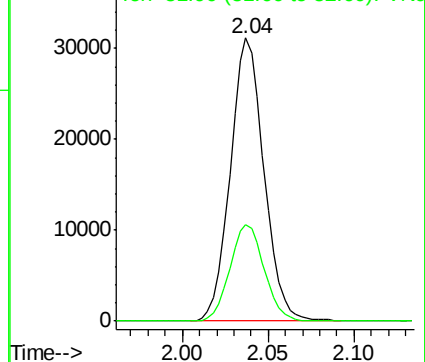
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.014 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059752.D

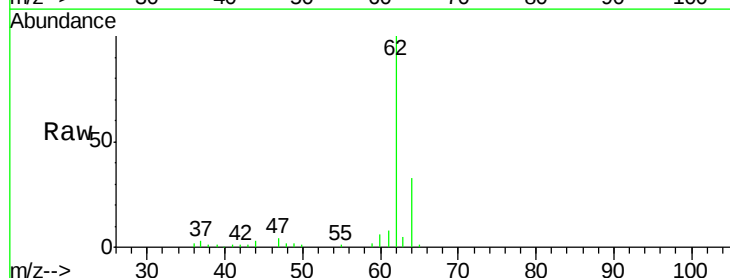
Acq: 17 Jan 2020 11:40

Tgt Ion: 62 Resp: 53230

Ion Ratio Lower Upper

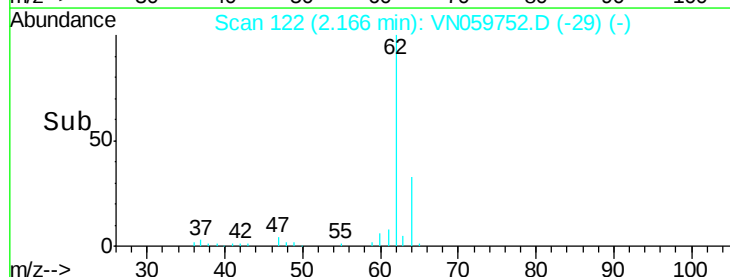
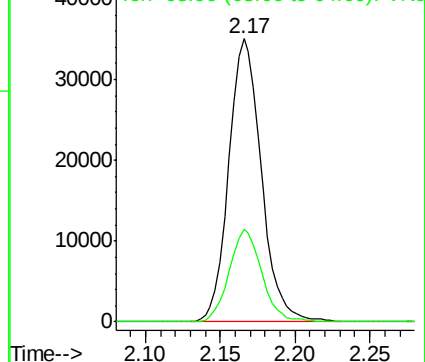
62 100

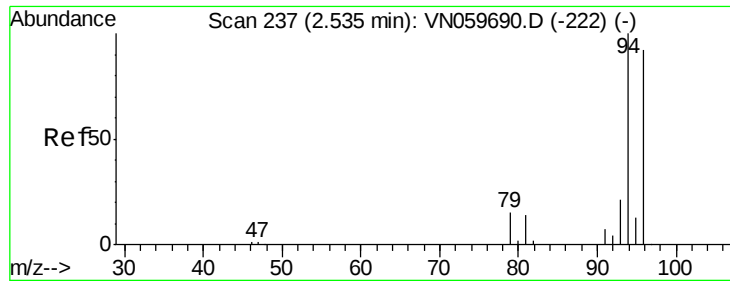
64 32.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.240 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

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ClientSampleId :

VN0117WBS01

Tot Ion: 94 Resp: 32851

Ion Ratio Lower Upper

94 100

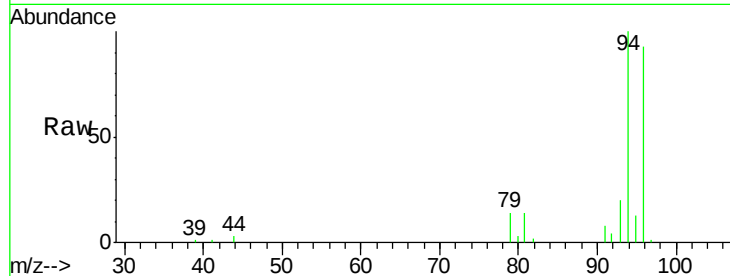
96 93.0 74.7 112.1

Manual Integrations

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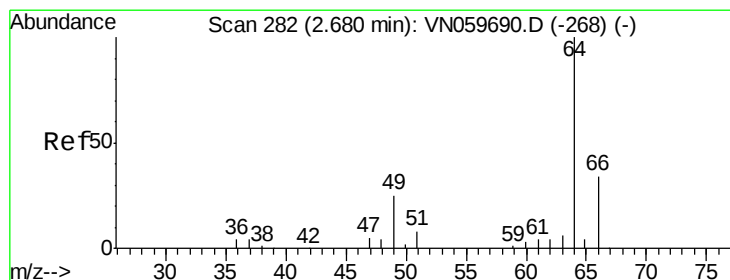
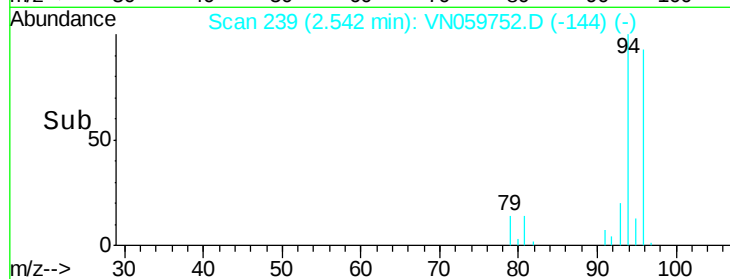
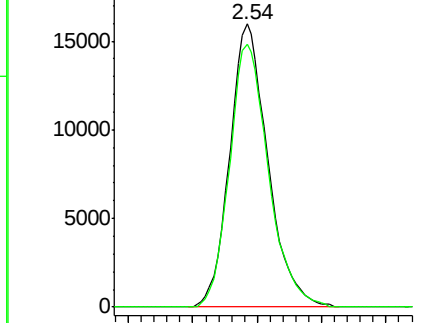
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 19.761 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059752.D

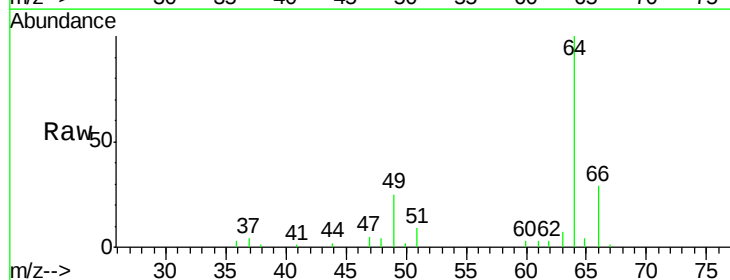
Acq: 17 Jan 2020 11:40

Tgt Ion: 64 Resp: 24865

Ion Ratio Lower Upper

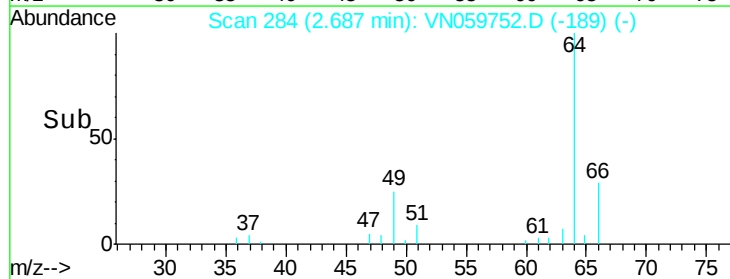
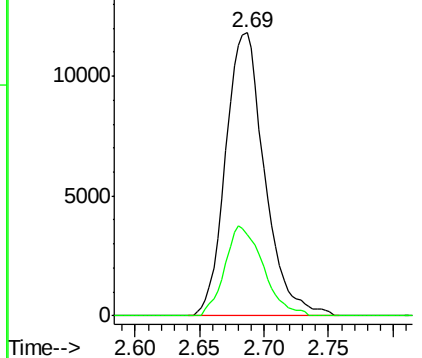
64 100

66 28.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

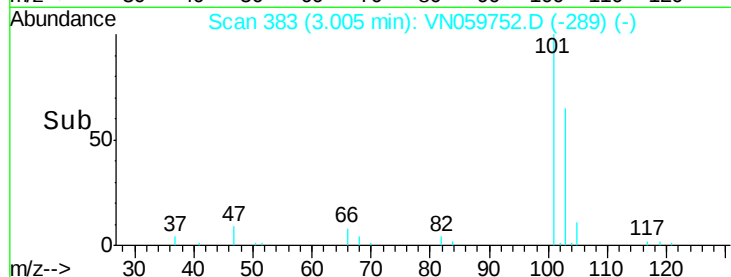
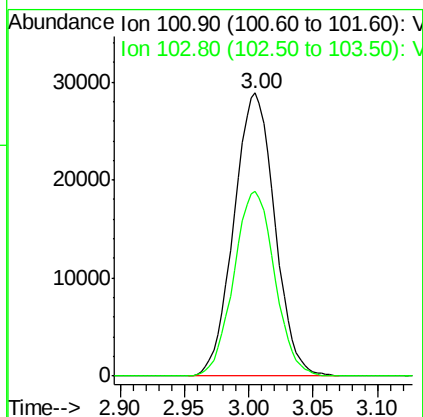
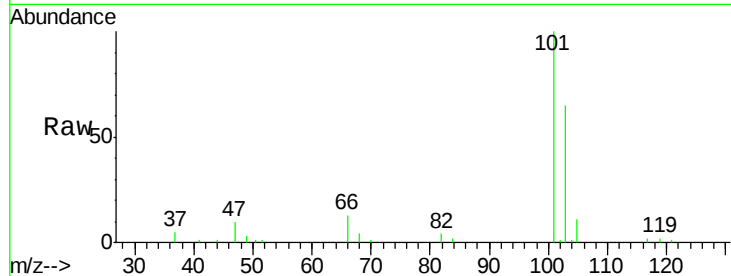
Trichlorofluoromethane
Concen: 19.915 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

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Tot Ion:101 Resp: 63608
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.6

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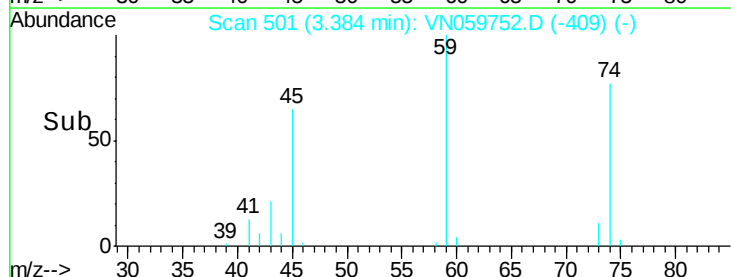
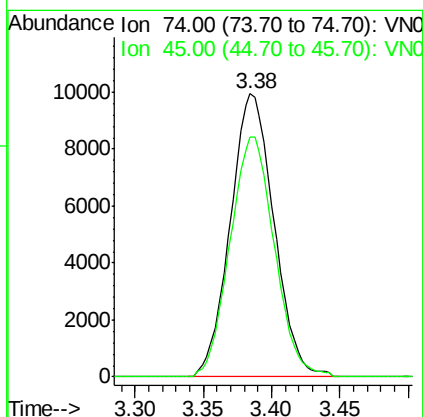
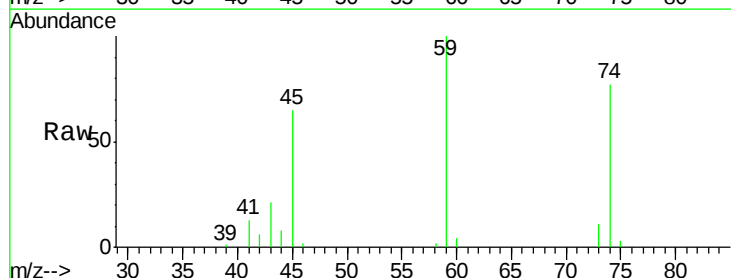
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#8

Diethyl Ether
Concen: 19.728 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion: 74 Resp: 22113
Ion Ratio Lower Upper
74 100
45 86.0 51.9 155.8





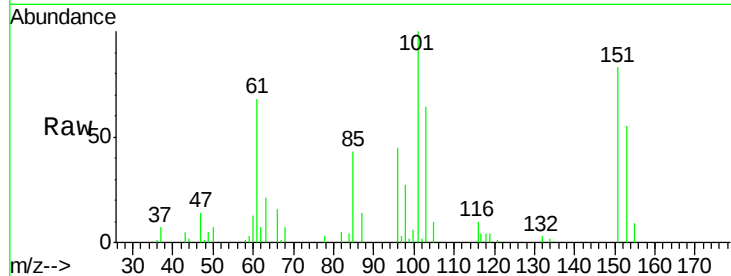
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.984 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059752.D
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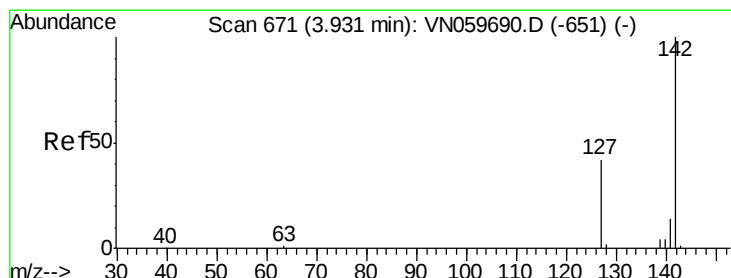
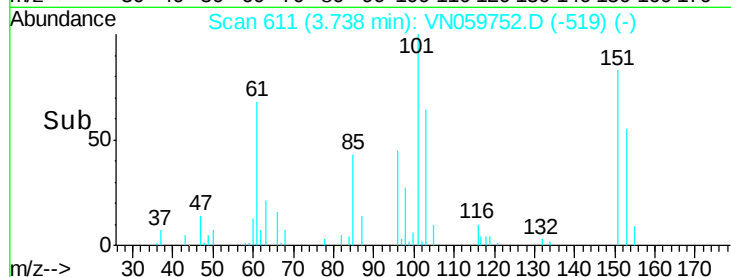
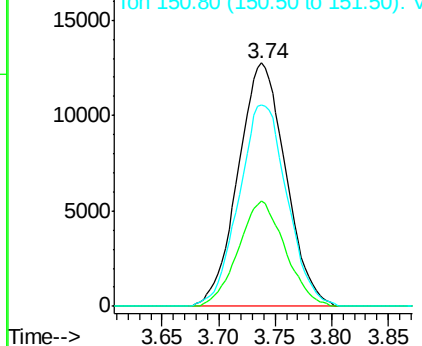
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.5	36.6	54.8
151	84.0	59.7	89.5

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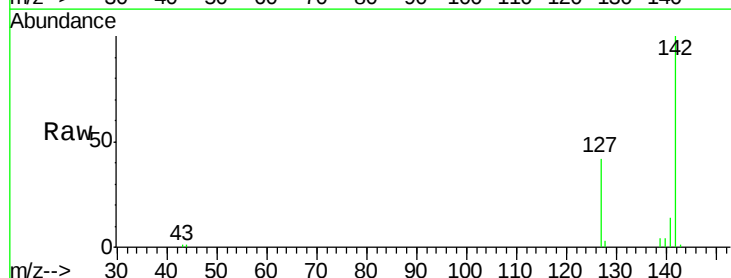


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

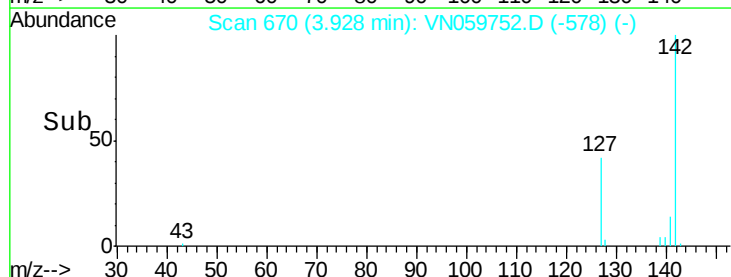
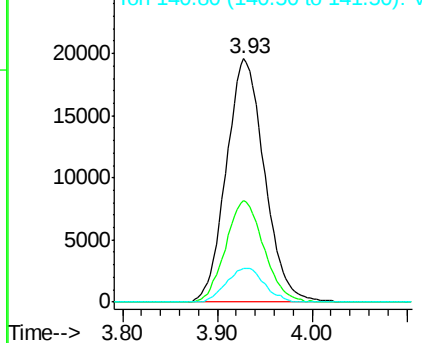


#10
Methyl Iodide
Concen: 19.130 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.4	36.7	55.1
141	13.7	11.7	17.5



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





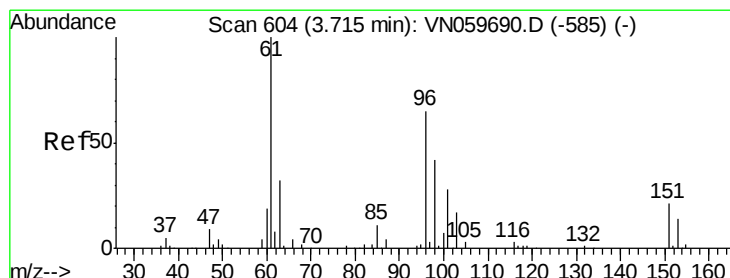
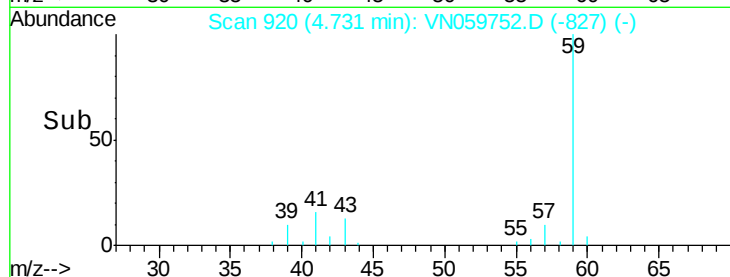
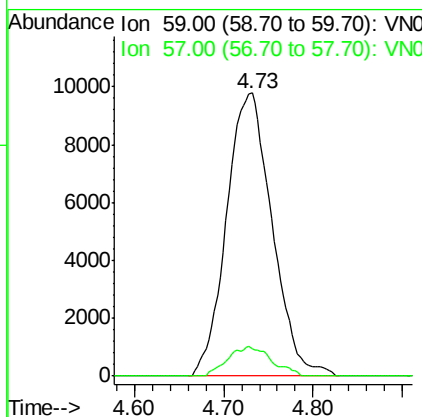
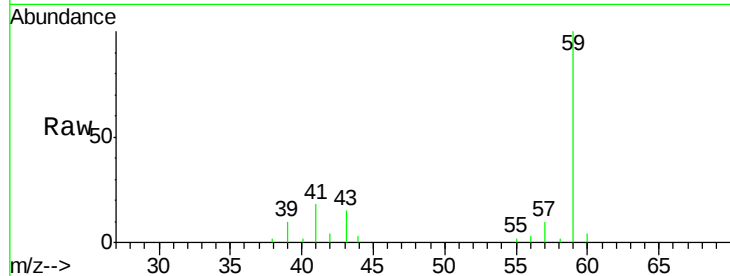
#11
Tert butyl alcohol
Concen: 91.601 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampled :
VN0117WBS01

Tot Ion: 59 Resp: 34769
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

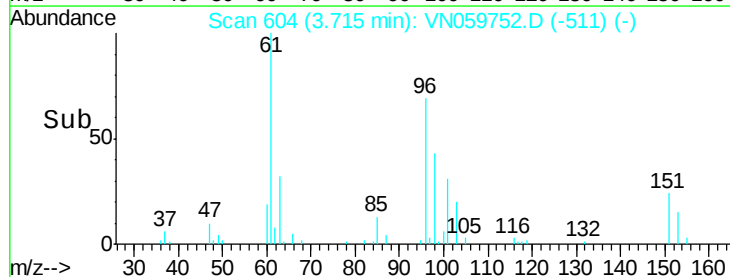
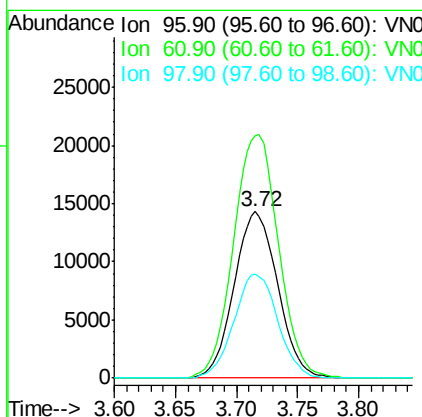
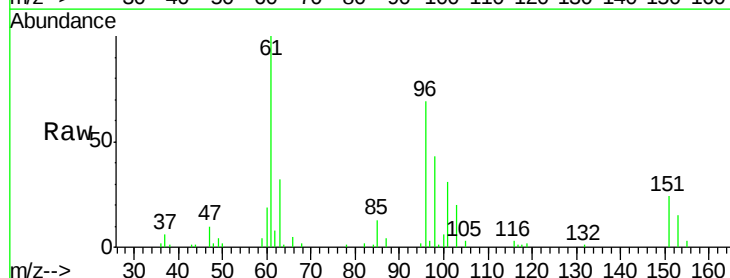
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 19.028 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion: 96 Resp: 35345
Ion Ratio Lower Upper
96 100
61 145.3 137.5 206.3
98 62.4 50.2 75.4





#13

Acrolein

Concen: 64.100 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

Tot Ion: 56 Resp: 17223

Ion Ratio Lower Upper

56 100

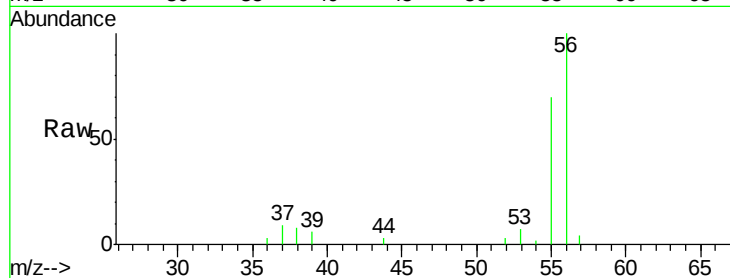
55 69.3 58.6 88.0

Manual Integrations

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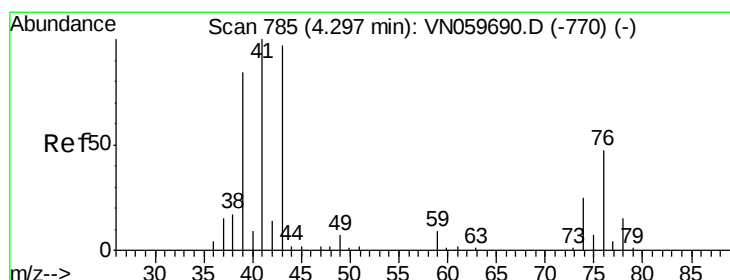
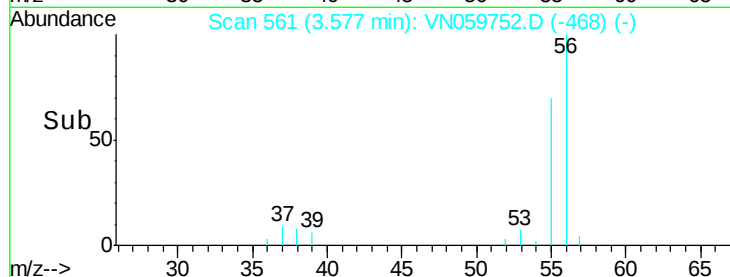
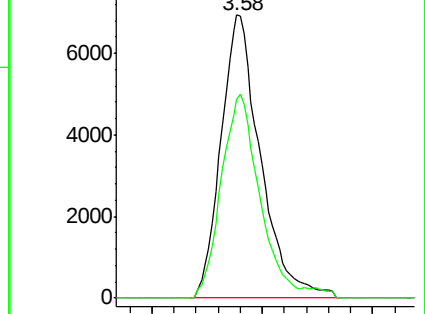
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN059690.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059690.D (-545) (-)



#14

Allyl chloride

Concen: 19.630 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

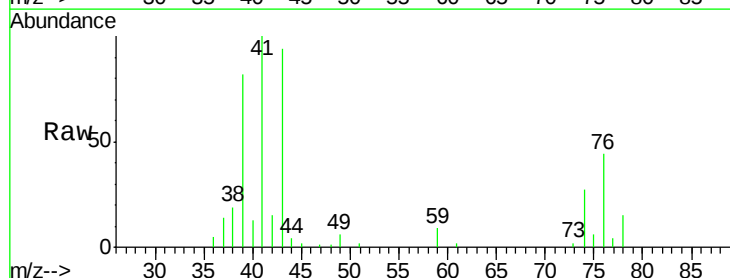
Tgt Ion: 41 Resp: 49148

Ion Ratio Lower Upper

41 100

39 80.4 57.8 86.8

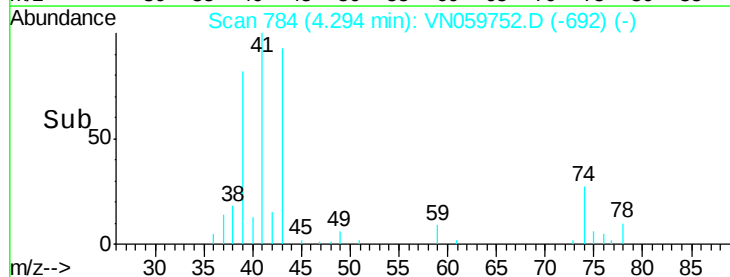
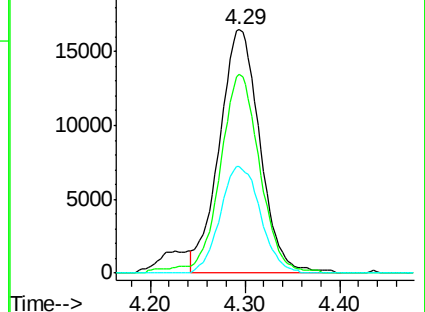
76 43.2 25.4 38.0#

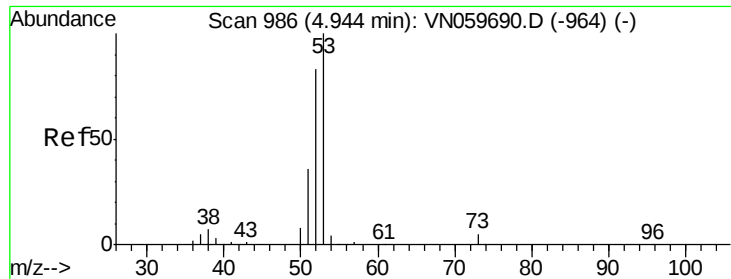


Abundance Ion 41.00 (40.70 to 41.70): VN059690.D (-770) (-)

Ion 39.00 (38.70 to 39.70): VN059690.D (-770) (-)

Ion 75.90 (75.60 to 76.60): VN059690.D (-770) (-)





#15

Acrylonitrile

Concen: 91.706 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

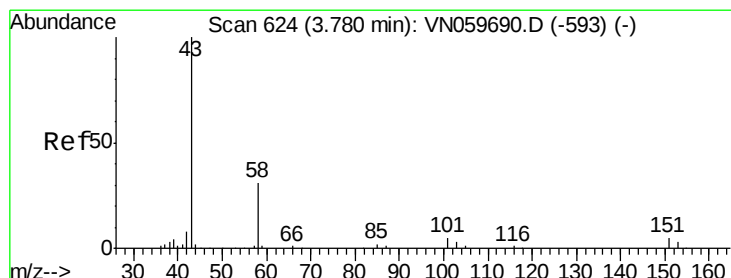
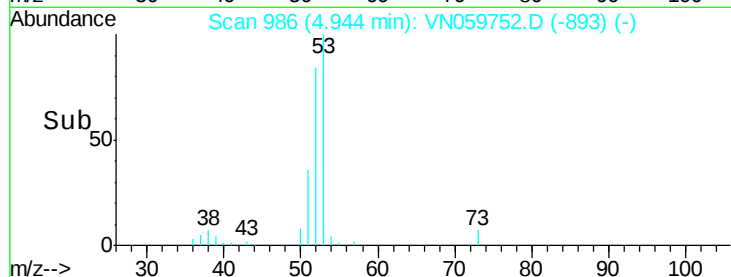
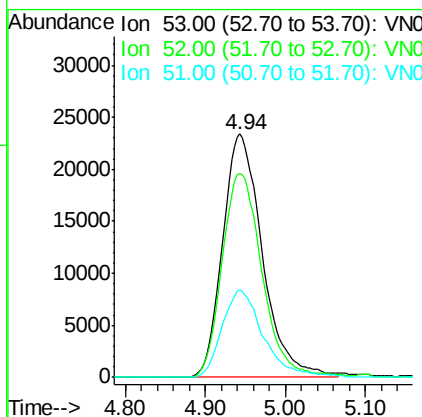
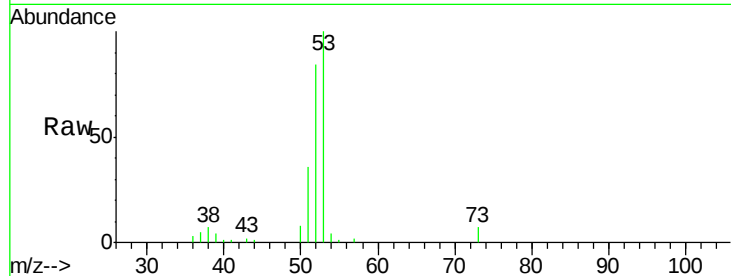
ClientSampled :

VN0117WBS01

Tot Ion:	53	Resp:	79402
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.3	99.5
51	37.2	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 89.885 ug/l

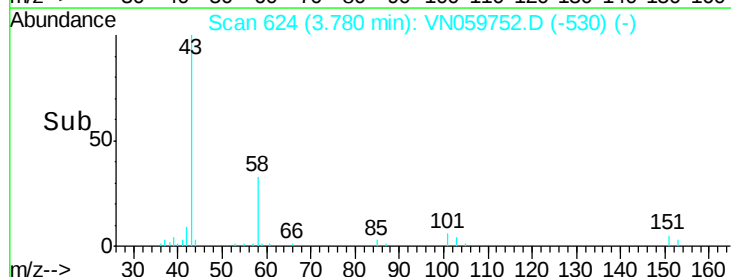
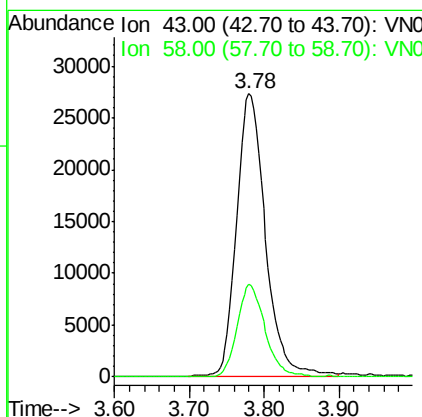
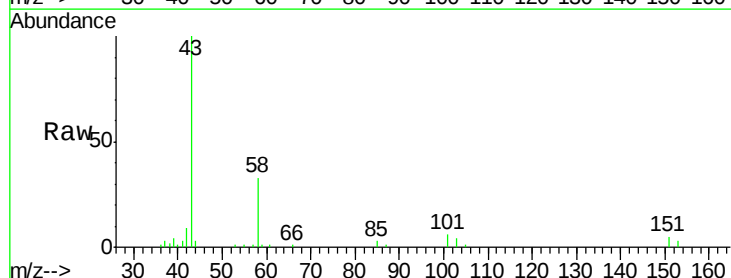
RT: 3.78 min Scan# 624

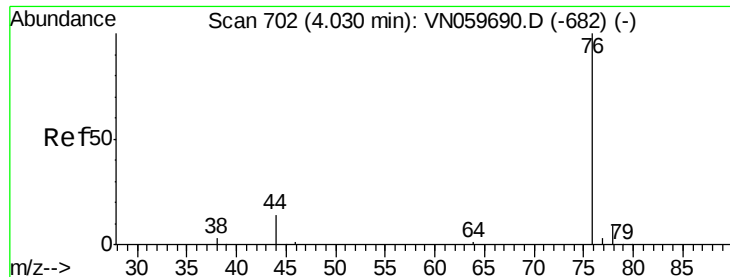
Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Tgt Ion:	43	Resp:	74054
Ion	Ratio	Lower	Upper
43	100		
58	32.6	23.6	35.4





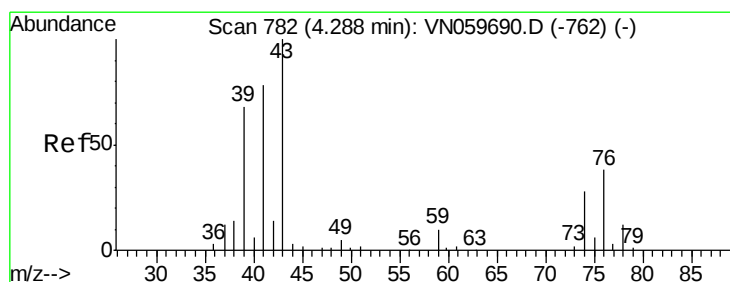
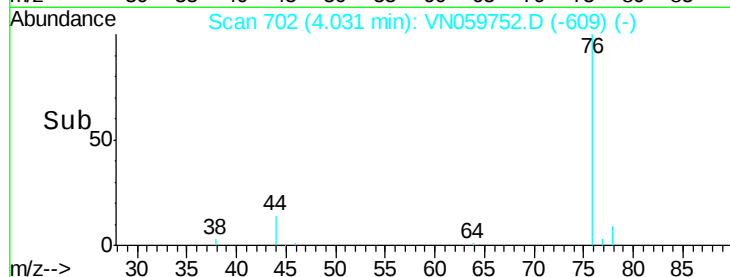
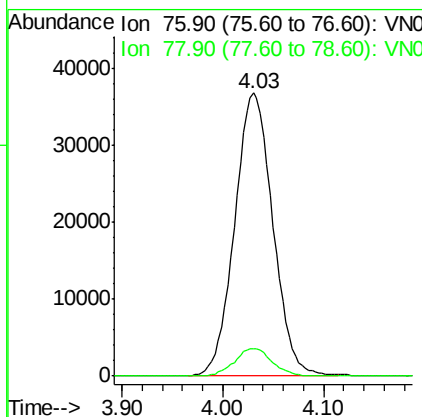
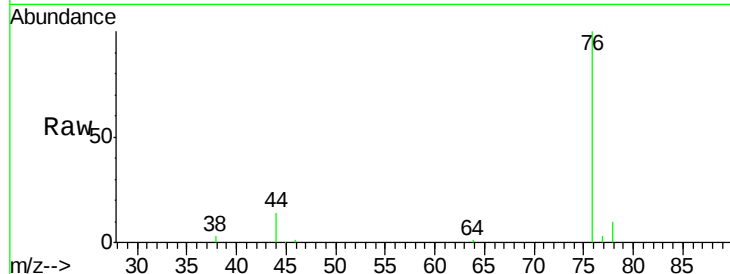
#17
Carbon Disulfide
Concen: 18.260 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion: 76 Resp: 96622
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

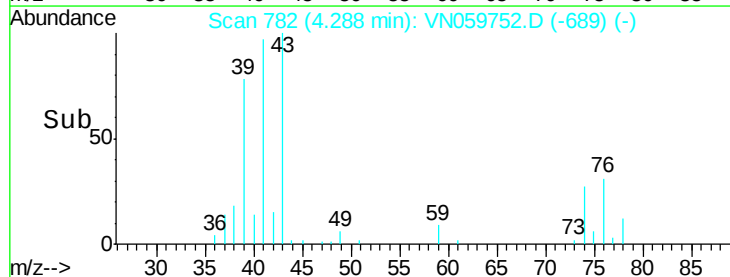
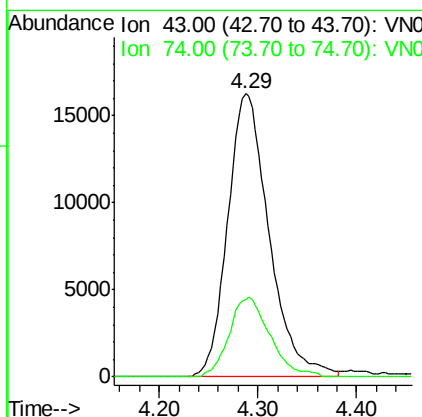
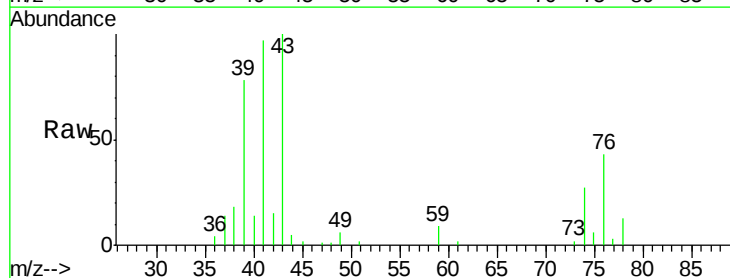
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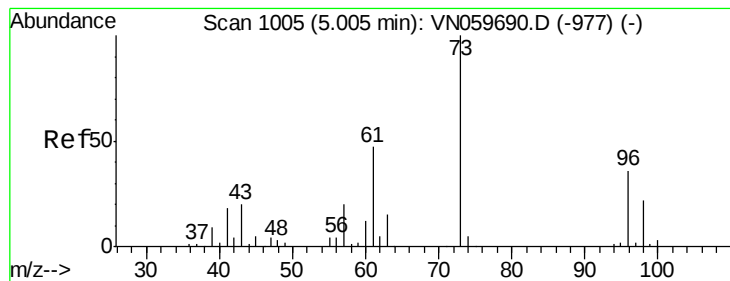
MMDadoda
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#18
Methyl Acetate
Concen: 18.076 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion: 43 Resp: 47606
Ion Ratio Lower Upper
43 100
74 27.6 17.5 26.3#





#19

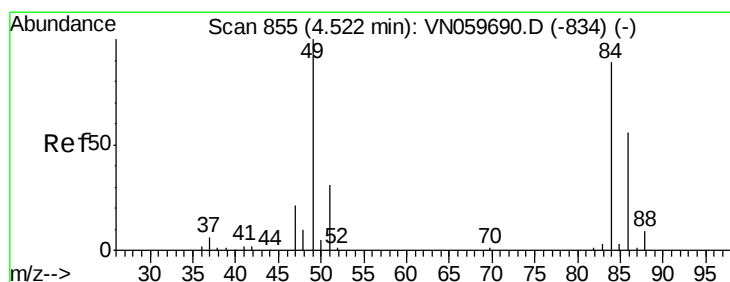
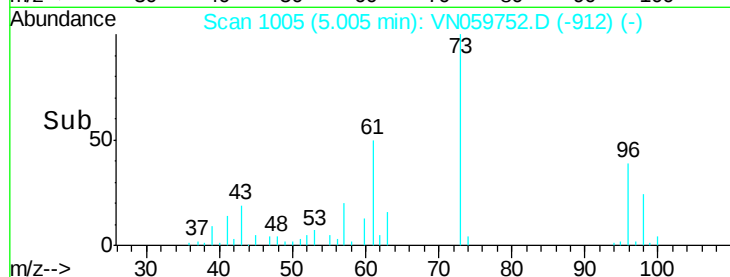
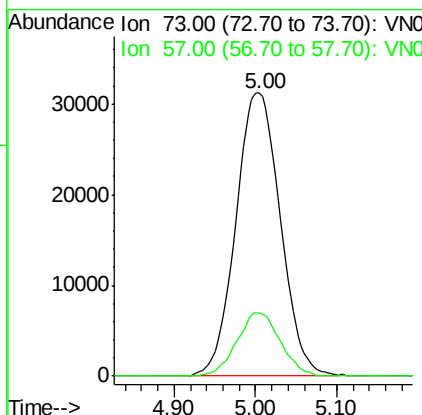
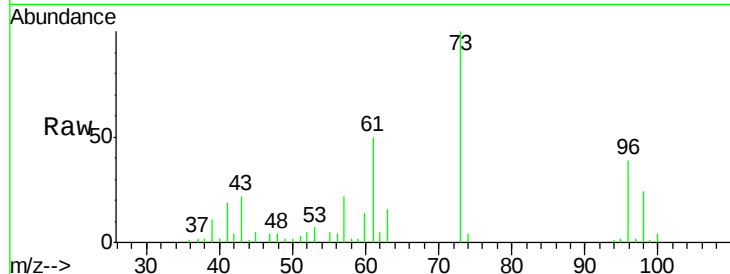
Methyl tert-butyl Ether
 Concen: 19.510 ug/l
 RT: 5.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Tot Ion: 73 Resp: 118158
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.6 27.8

Manual Integrations
 APPROVED

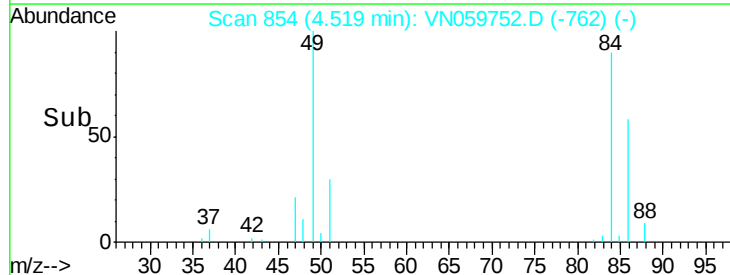
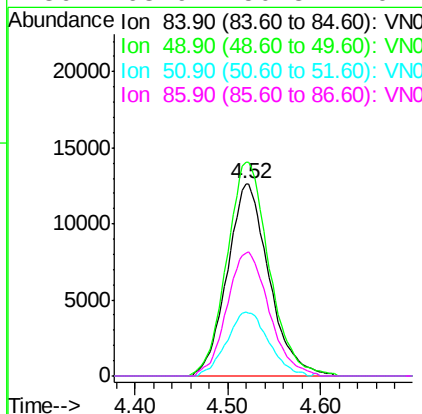
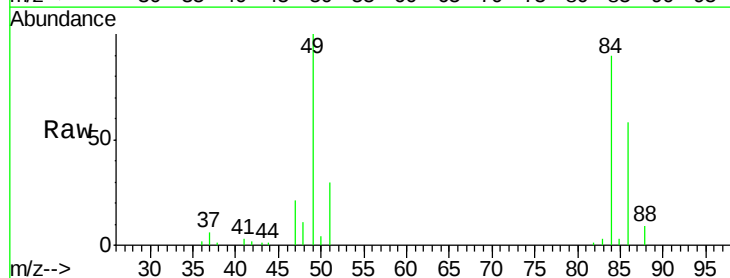
MMDadoda
 1/20/2020 11:12:10 AM

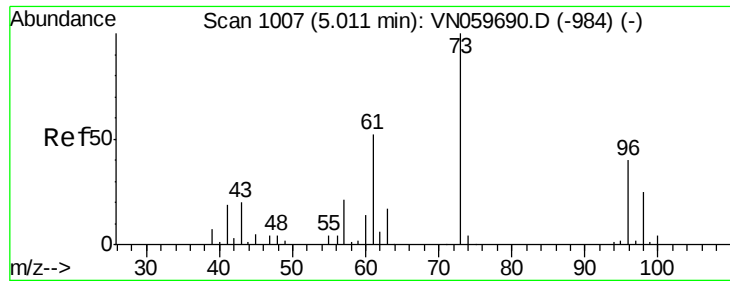


#20

Methylene Chloride
 Concen: 18.542 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Tgt Ion: 84 Resp: 39486
 Ion Ratio Lower Upper
 84 100
 49 110.9 106.6 160.0
 51 33.0 31.9 47.9
 86 63.9 50.8 76.2





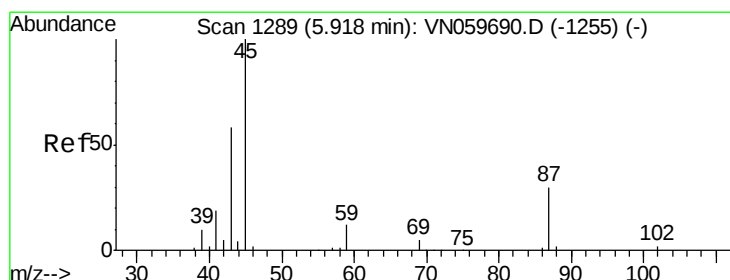
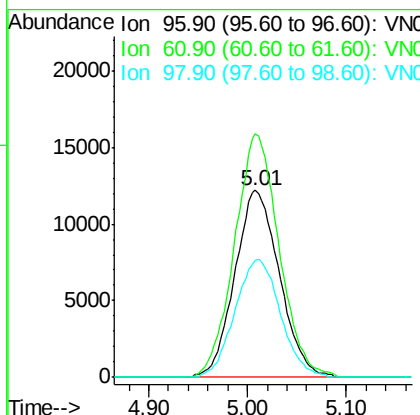
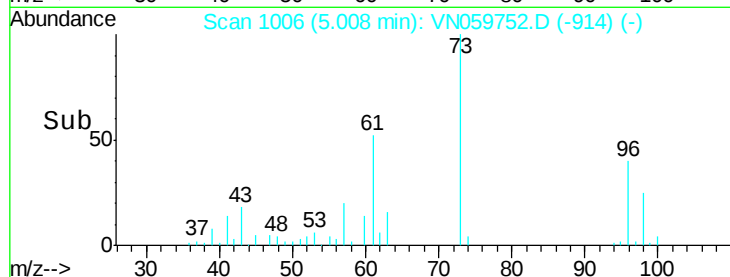
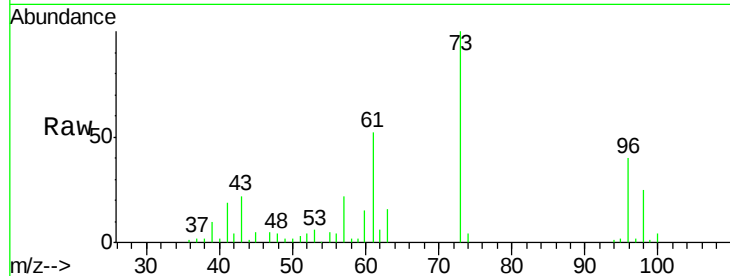
#21
trans-1,2-Dichloroethene
Concen: 19.384 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion: 96 Resp: 38274
Ion Ratio Lower Upper
96 100
61 130.4 120.4 180.6
98 62.8 50.6 75.8

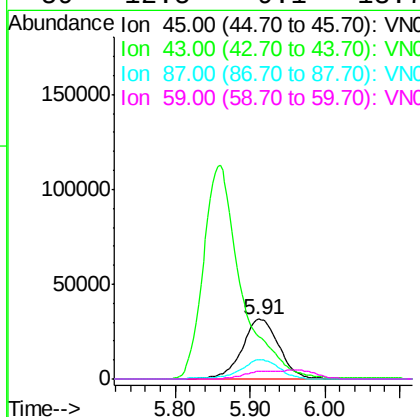
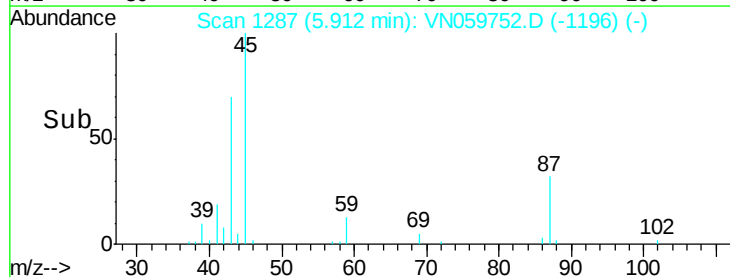
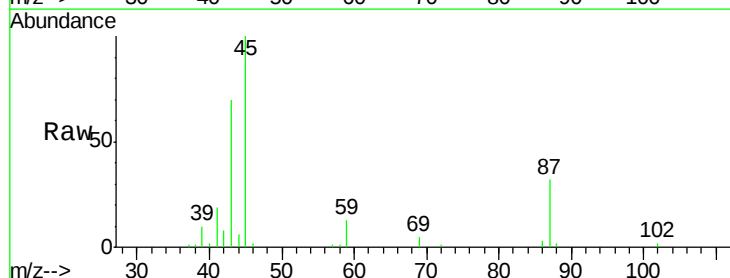
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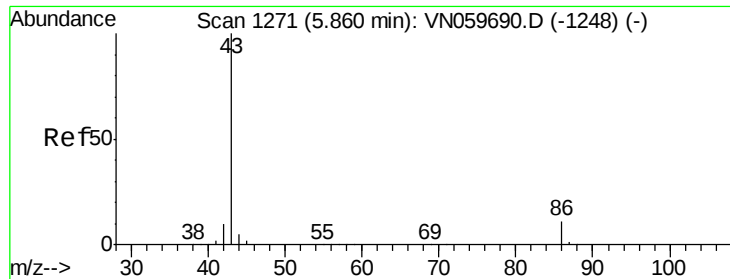
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#22
Diisopropyl ether
Concen: 19.095 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion: 45 Resp: 108346
Ion Ratio Lower Upper
45 100
43 68.3 50.8 76.2
87 32.3 21.0 31.6#
59 12.5 9.1 13.7





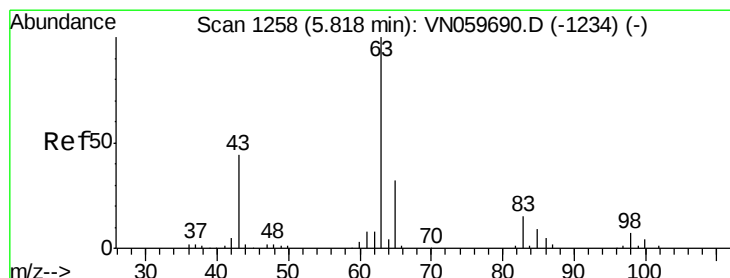
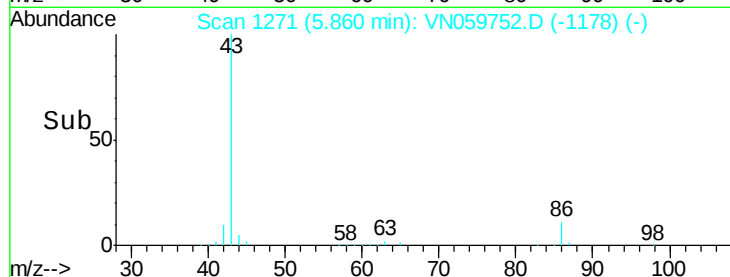
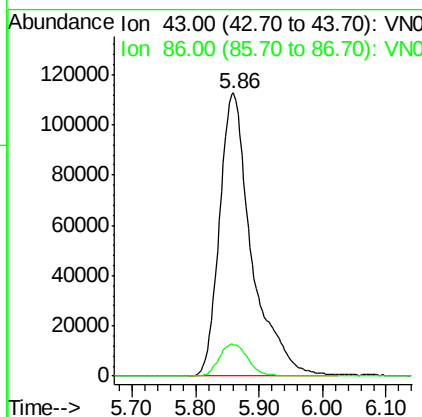
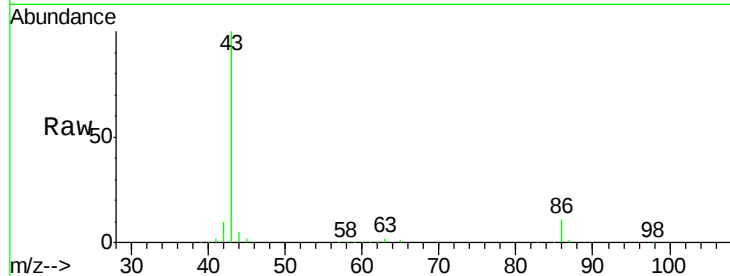
#23
 Vinyl Acetate
 Concen: 90.066 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Tot Ion	43	Resp	395658
Ion Ratio	100	Lower	Upper
43	100		
86	11.2	7.6	11.4

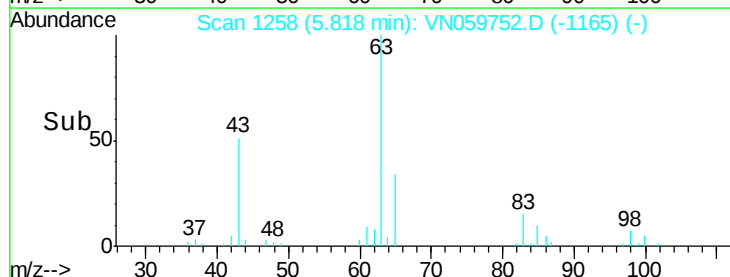
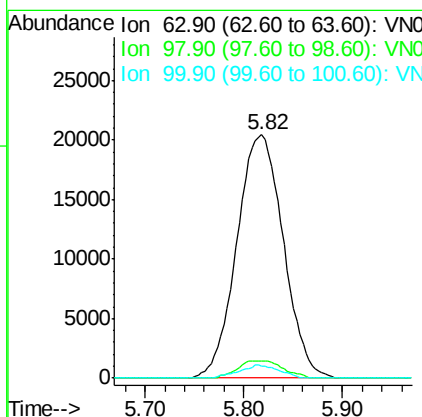
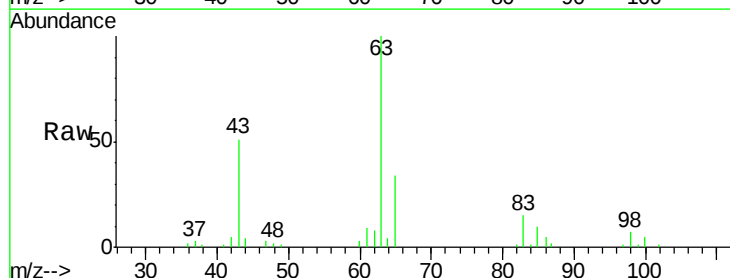
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#24
 1,1-Dichloroethane
 Concen: 19.239 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Tgt Ion	63	Resp	66698
Ion Ratio	100	Lower	Upper
63	100		
98	7.1	2.9	8.7
100	5.0	2.0	6.0





#25

2-Butanone

Concen: 86.589 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

Tot Ion: 43 Resp: 110560

Ion Ratio Lower Upper

43 100

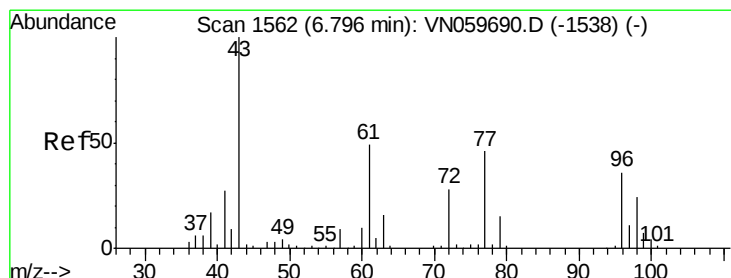
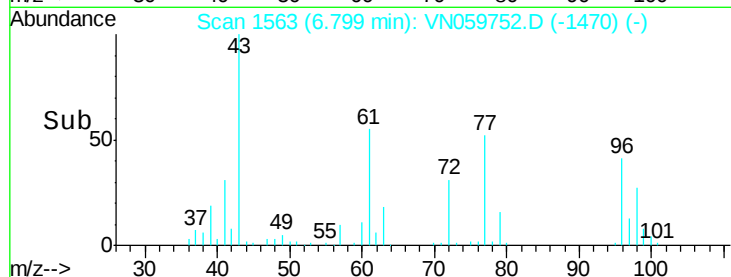
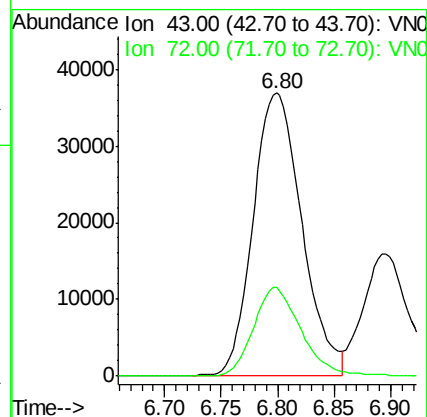
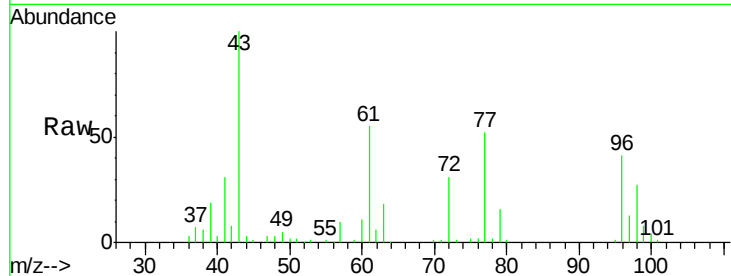
72 31.5 19.9 29.9#

Manual Integrations

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MMDadoda

1/20/2020 11:12:10 AM



#26

2,2-Dichloropropane

Concen: 19.026 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059752.D

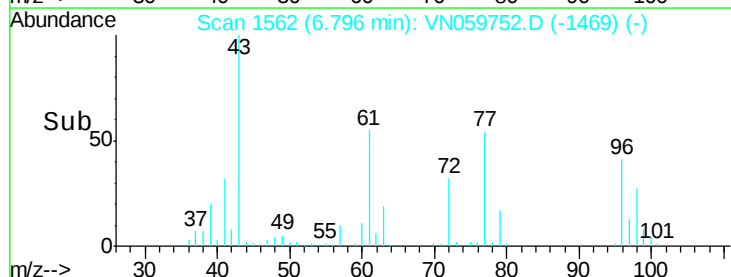
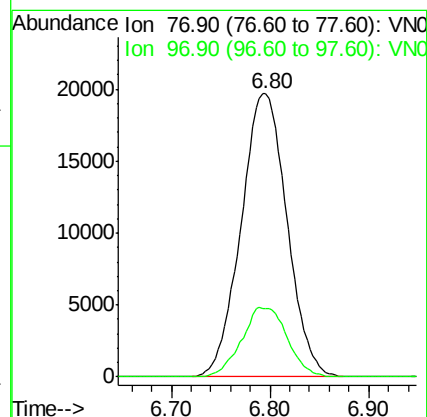
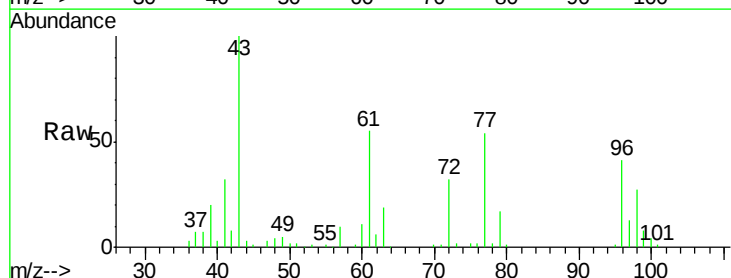
Acq: 17 Jan 2020 11:40

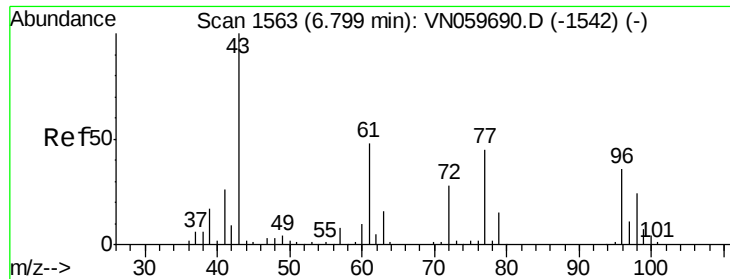
Tgt Ion: 77 Resp: 63413

Ion Ratio Lower Upper

77 100

97 24.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.498 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

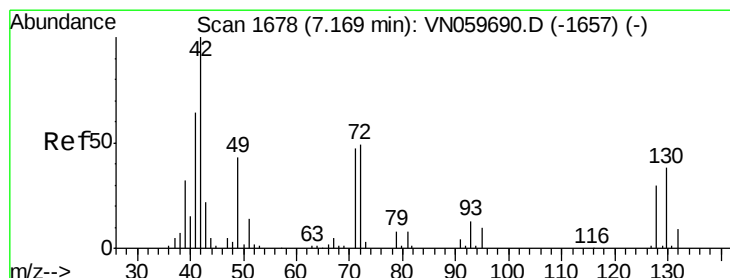
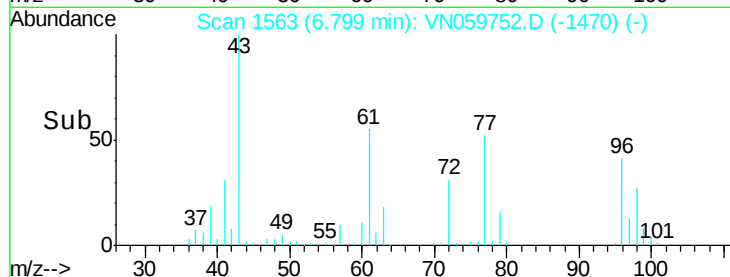
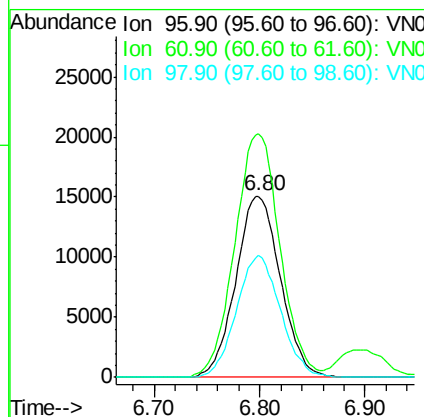
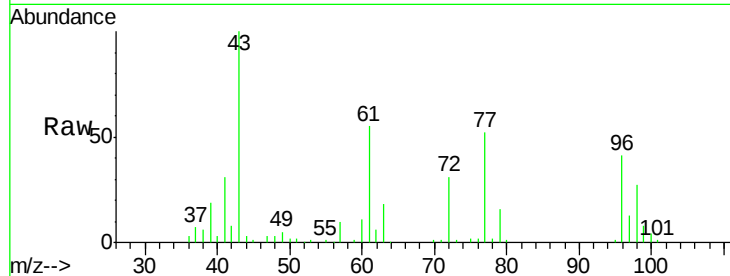
ClientSampled :

VN0117WBS01

Tot Ion:	96	Resp:	44282
Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	317.6
98	66.5	0.0	127.0

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#28

Bromochloromethane

Concen: 19.938 ug/l

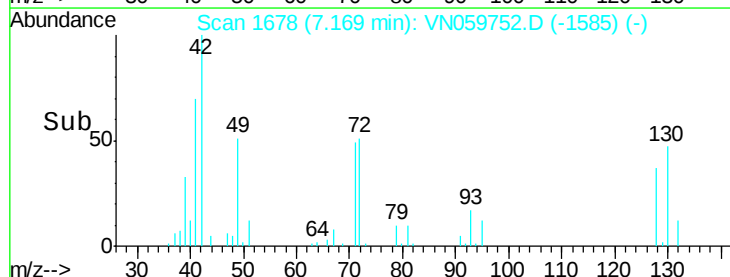
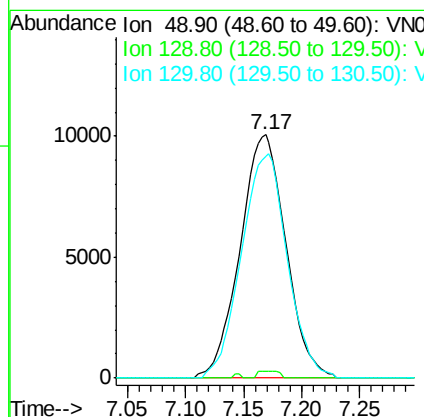
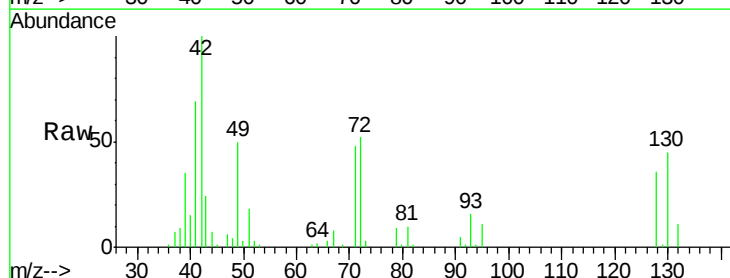
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Tgt Ion:	49	Resp:	27627
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	92.2	54.7	82.1#





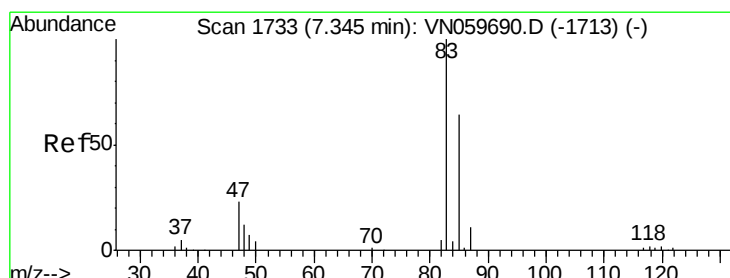
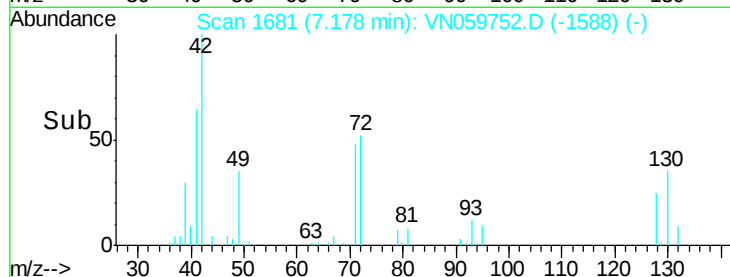
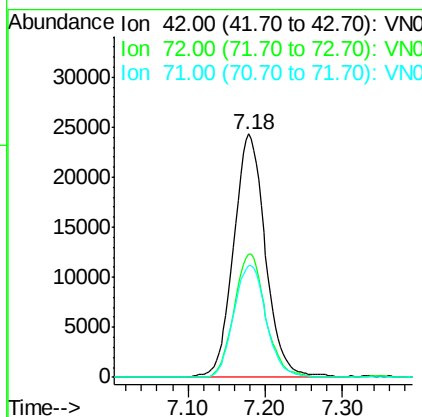
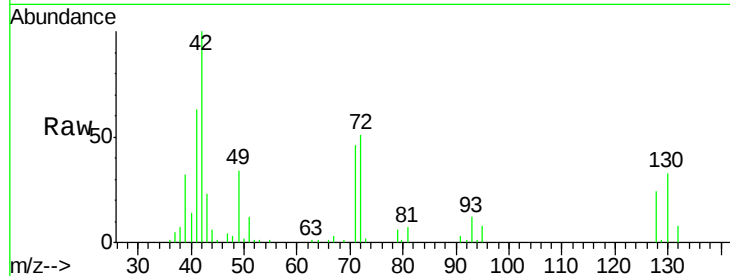
#29
Tetrahydrofuran
Concen: 87.846 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	33.1	49.7#
71	46.6	31.4	47.0

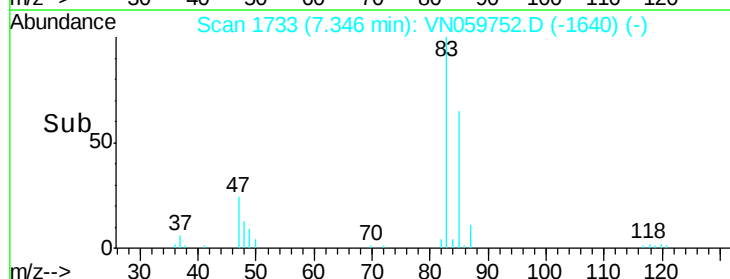
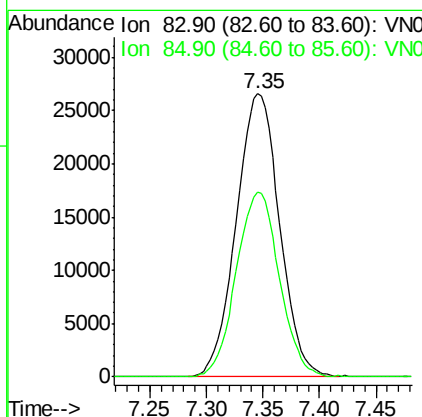
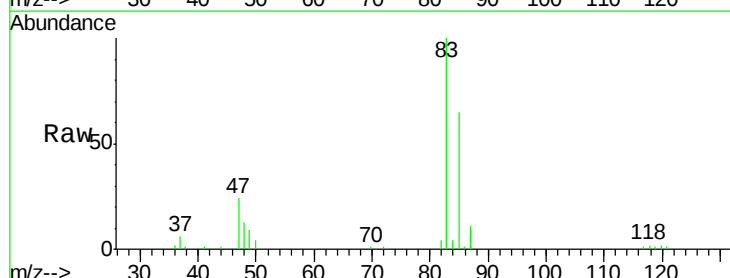
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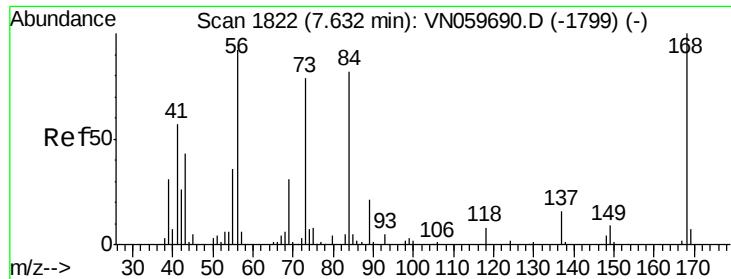
MMDadoda
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#30
Chloroform
Concen: 19.701 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





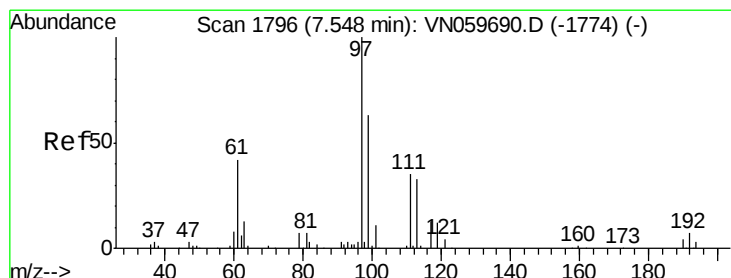
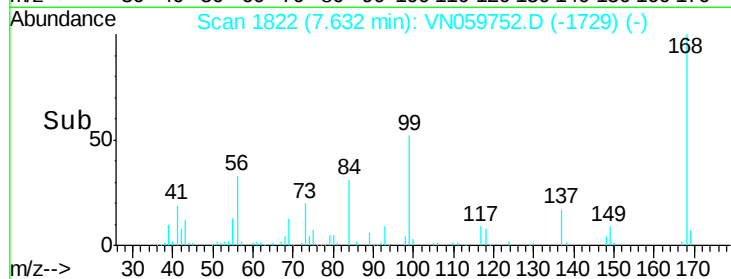
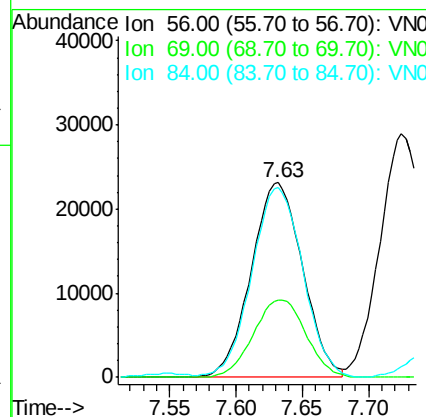
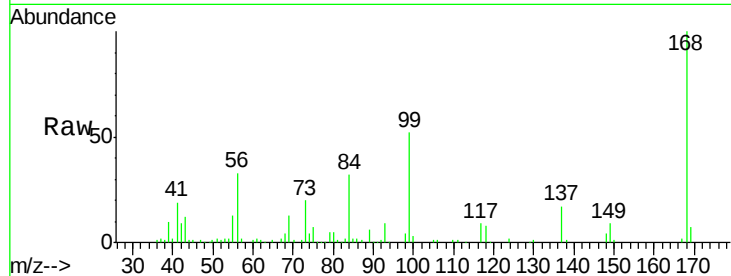
#31
Cyclohexane
Concen: 18.714 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampled :
VN0117WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.9	26.5	39.7#
84	96.6	65.3	97.9

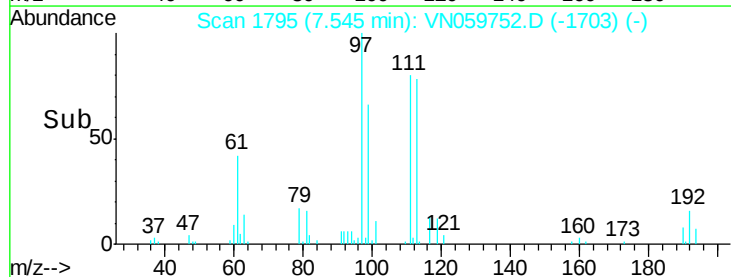
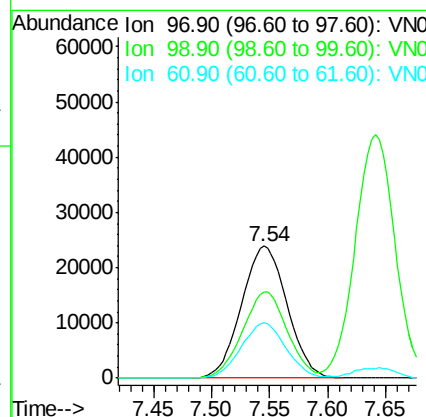
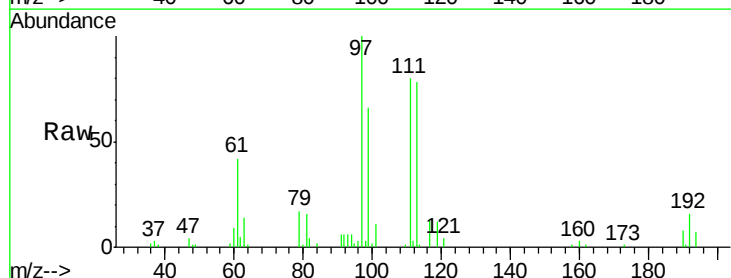
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#32
1,1,1-Trichloroethane
Concen: 19.634 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	41.3	38.5	57.7





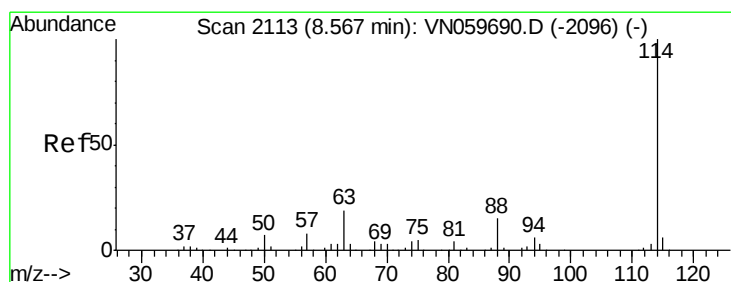
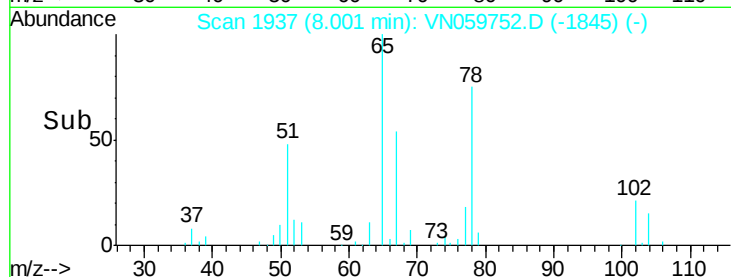
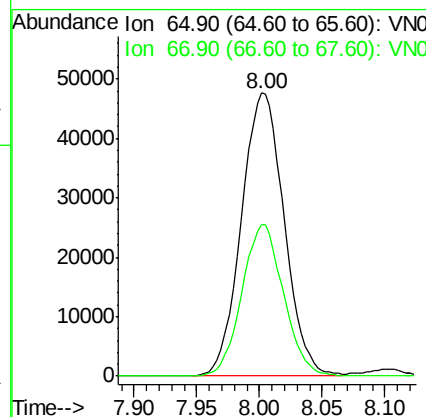
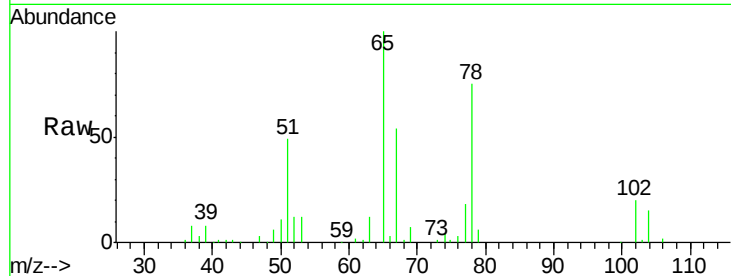
#33
 1,2-Dichloroethane-d4
 Concen: 50.098 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Instrument :
 MSVOA_N
 ClientSampled :
 VN0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	103.0	

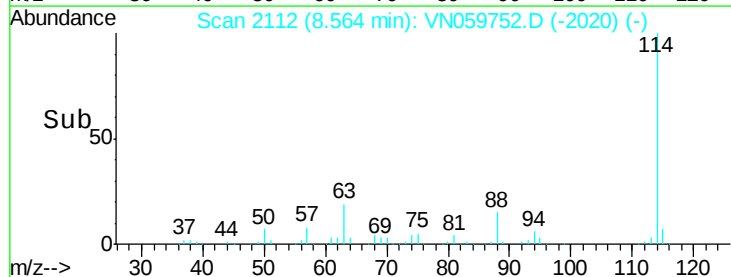
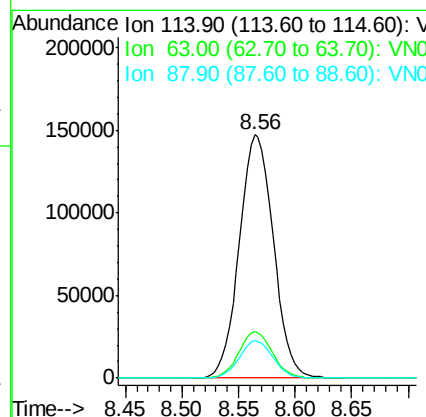
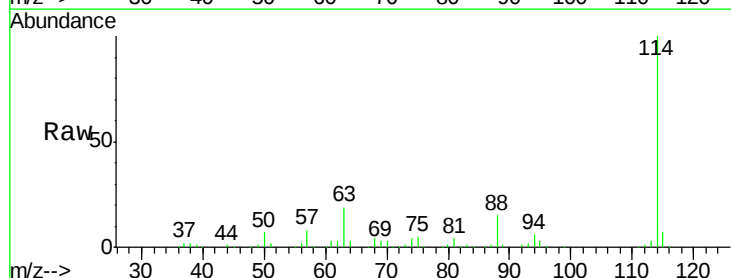
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.1	0.0	43.6	
88	15.4	0.0	31.4	





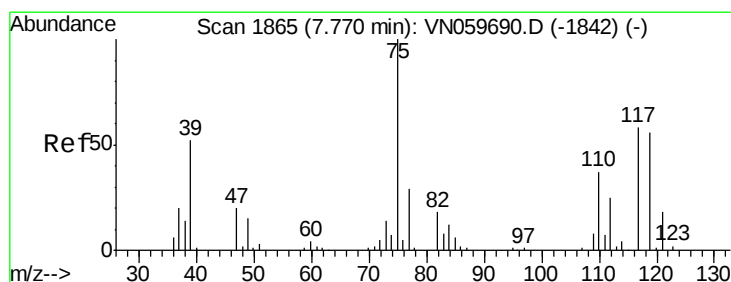
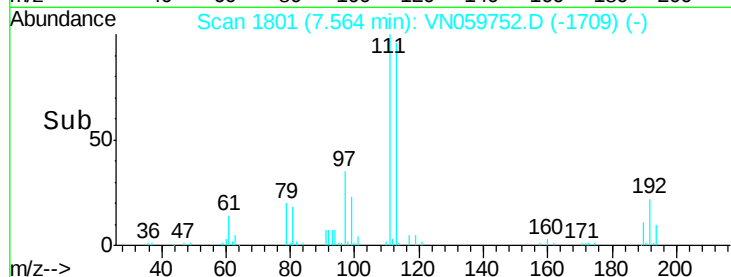
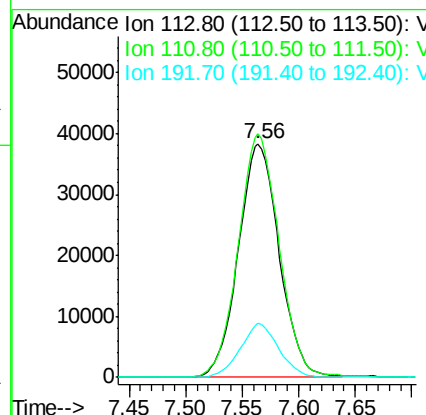
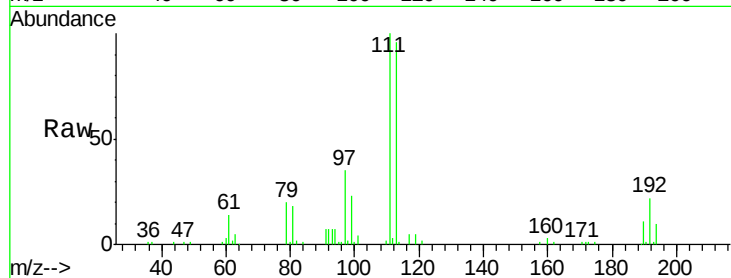
#35
 Dibromofluoromethane
 Concen: 52.023 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	96094		
111	104.5	83.5	125.3	
192	21.7	15.4	23.2	

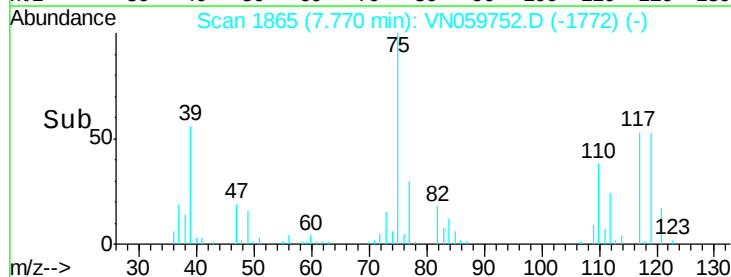
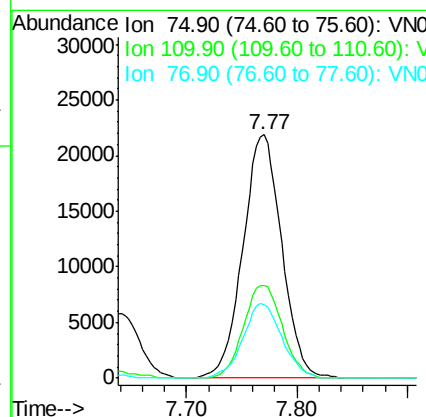
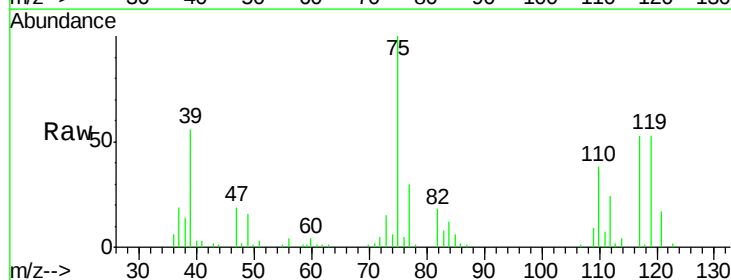
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#36
 1,1-Dichloropropene
 Concen: 19.722 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53197		
110	38.1	16.6	49.7	
77	30.8	25.1	37.7	





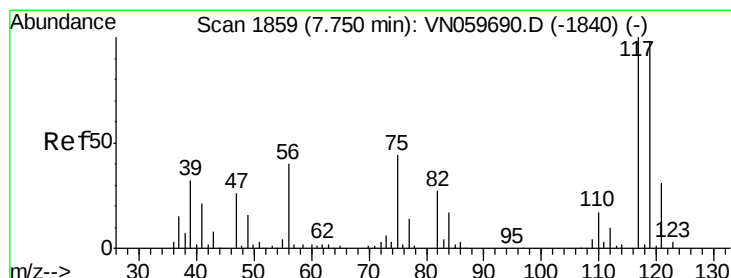
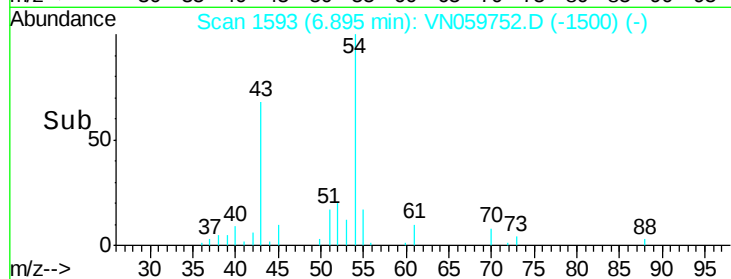
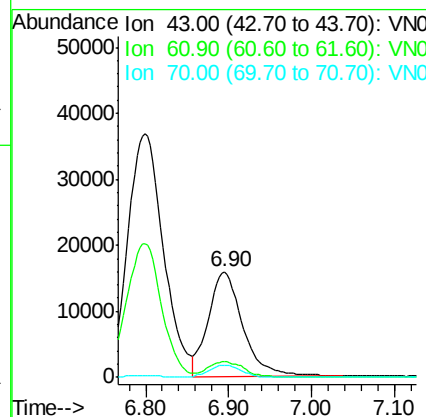
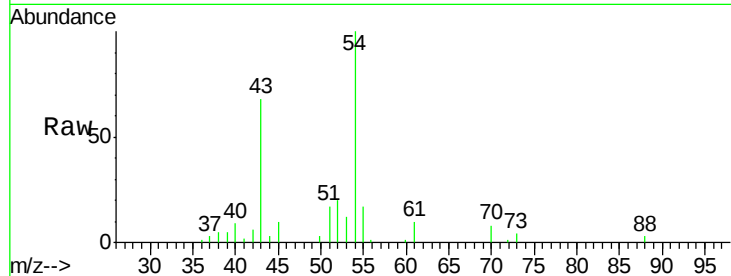
#37
Ethyl Acetate
Concen: 18.337 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleID :
VN0117WBS01

Tot Ion	43	Resp	46392
Ion Ratio	100	Lower	Upper
43	100		
61	15.3	10.9	16.3
70	10.8	7.7	11.5

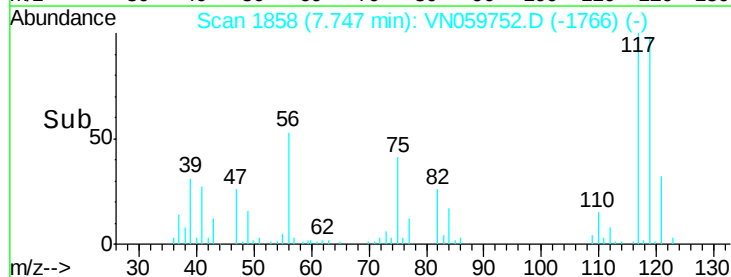
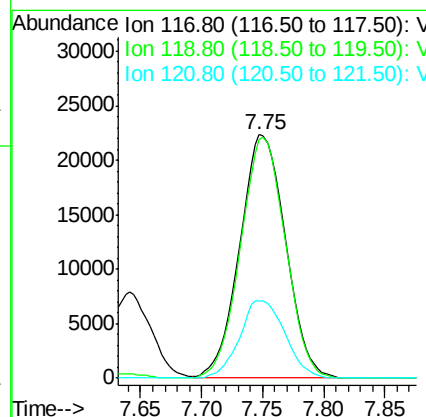
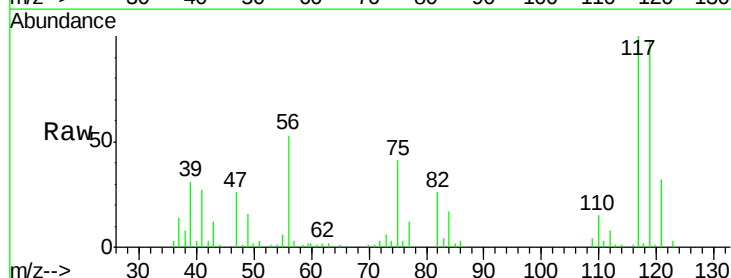
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#38
Carbon Tetrachloride
Concen: 19.804 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	117	Resp	58110
Ion Ratio	100	Lower	Upper
117	100		
119	98.1	76.5	114.7
121	31.9	25.1	37.7





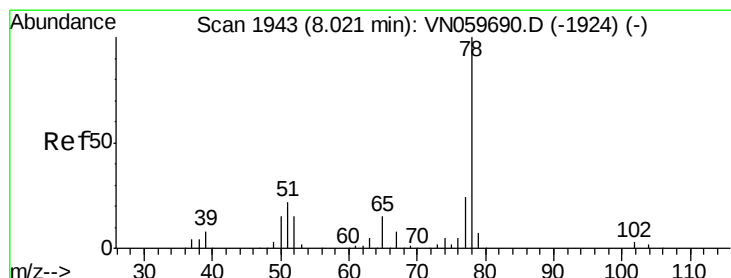
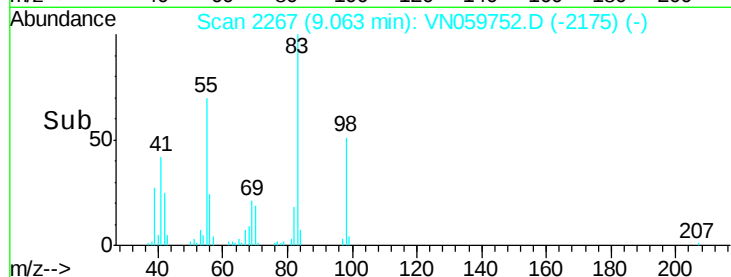
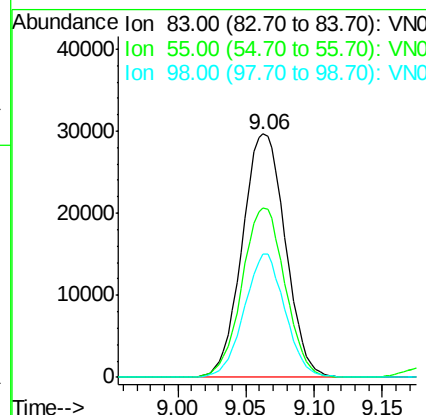
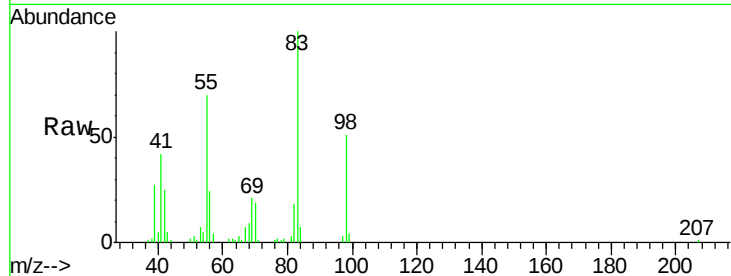
#39
Methvlcvclohexane
Concen: 19.562 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	64.2	96.2
98	50.8	35.9	53.9

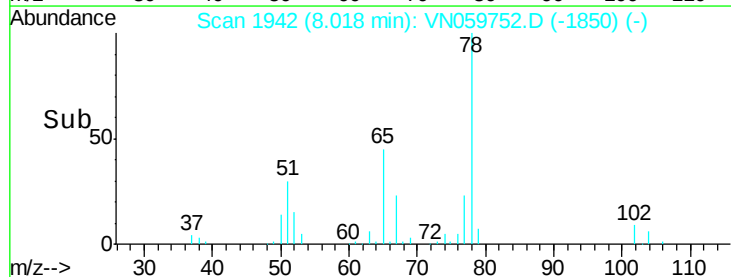
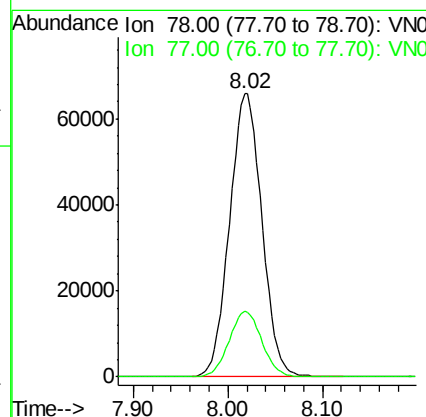
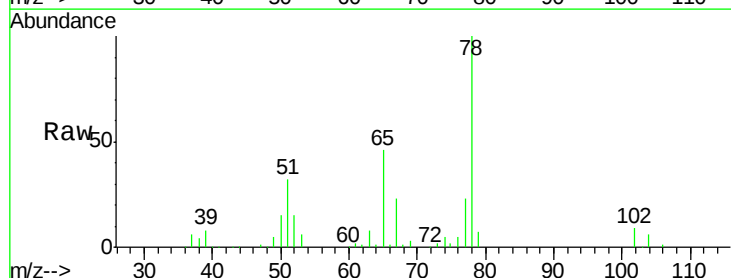
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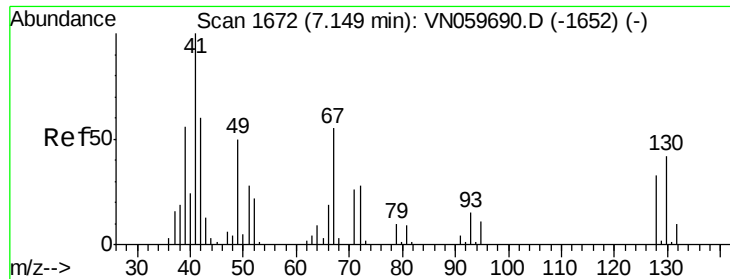
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#40
Benzene
Concen: 19.420 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





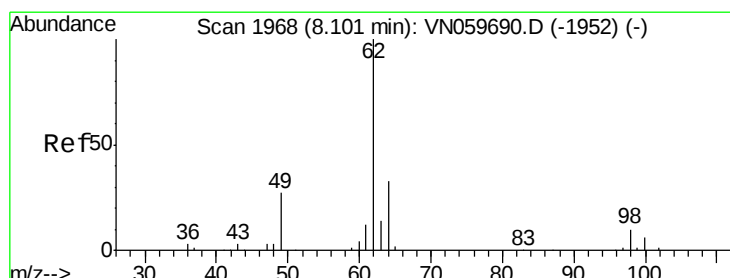
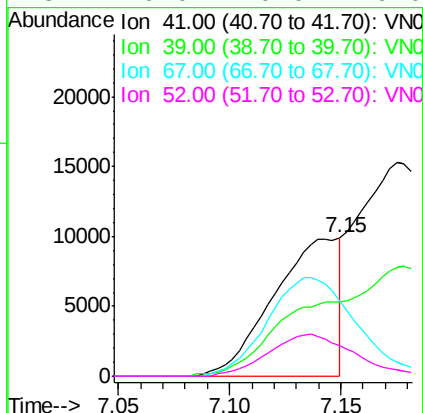
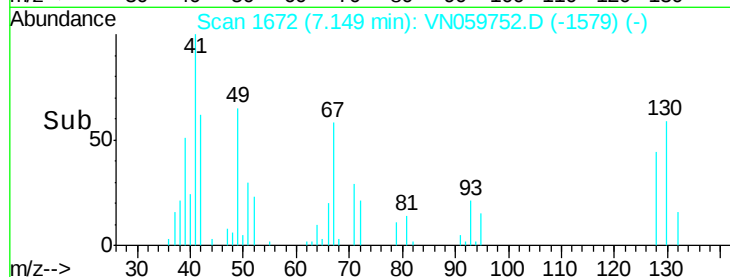
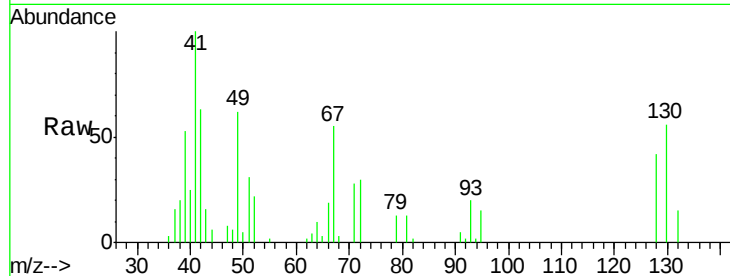
#41
Methacrylonitrile
Concen: 16.468 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	166.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

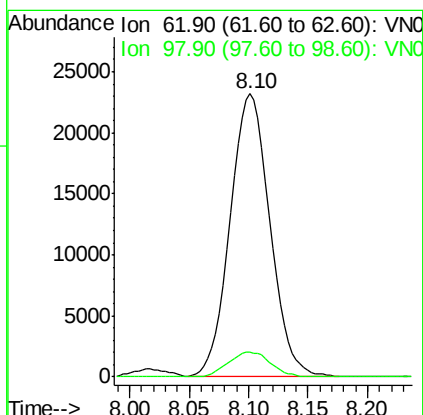
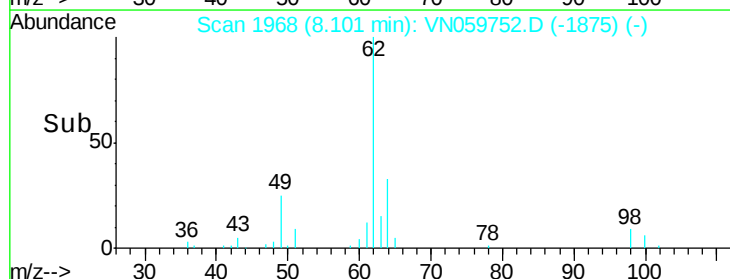
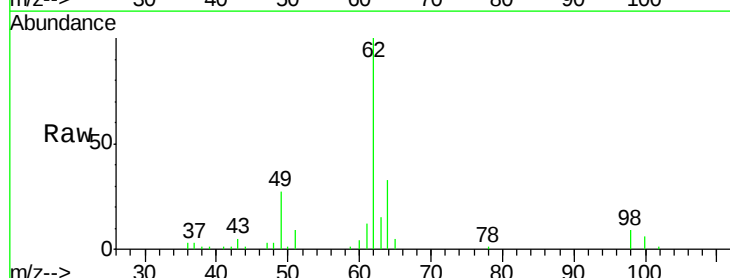
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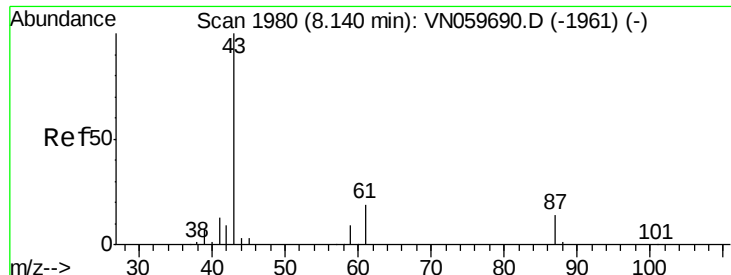
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#42
1,2-Dichloroethane
Concen: 19.755 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.082 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

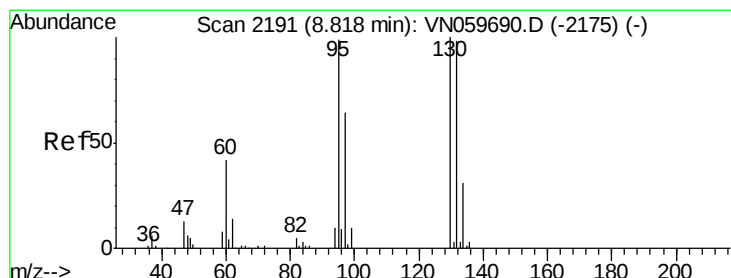
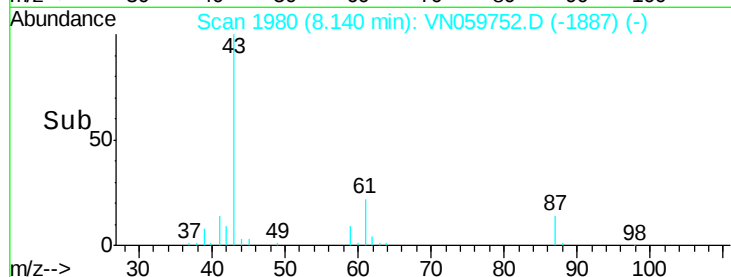
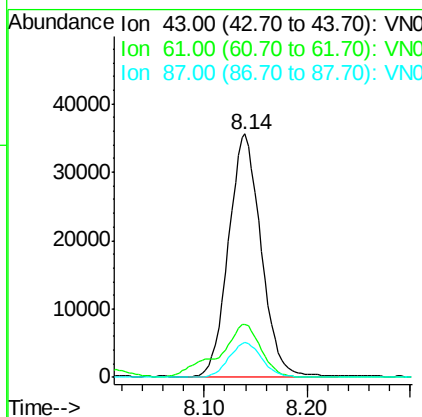
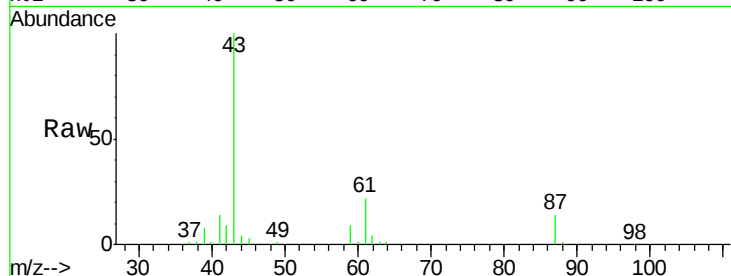
ClientSampleId :

VN0117WBS01

Tot Ion:	43	Resp:	78685
Ion	Ratio	Lower	Upper
43	100		
61	28.1	20.2	30.2
87	14.3	9.5	14.3#

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#44

Trichloroethene

Concen: 20.977 ug/l

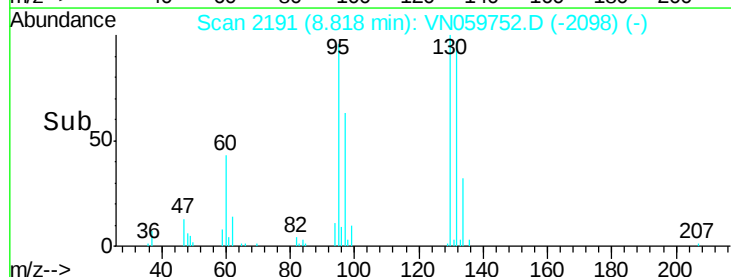
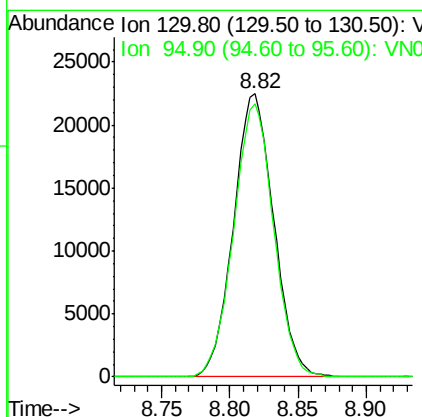
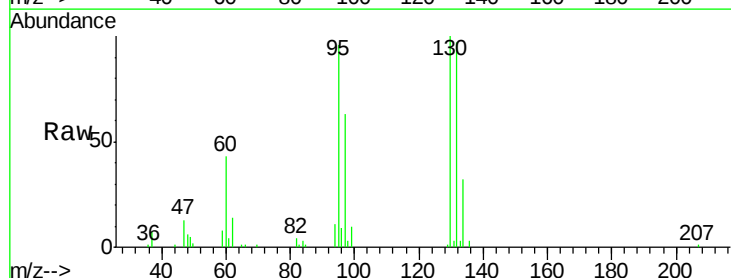
RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Tgt Ion:	130	Resp:	46068
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	207.0





#45

1,2-Dichloropropane

Concen: 19.788 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

Tot Ion: 63 Resp: 39391

Ion Ratio Lower Upper

63 100

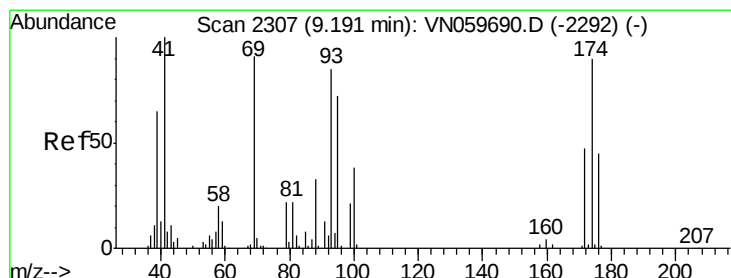
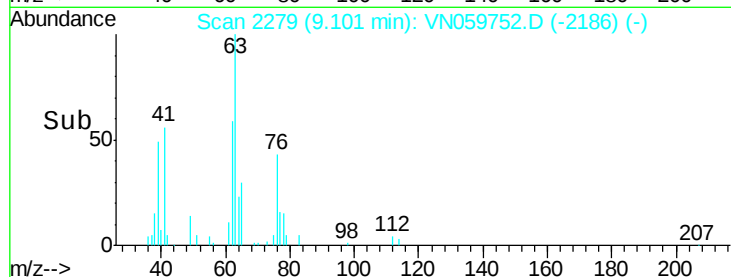
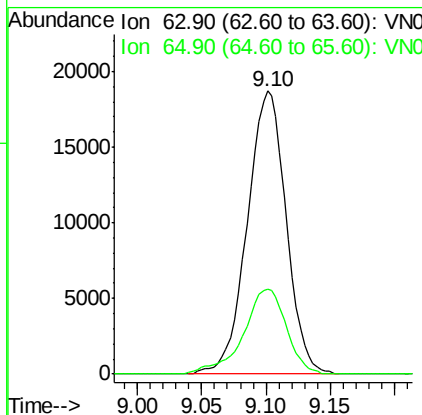
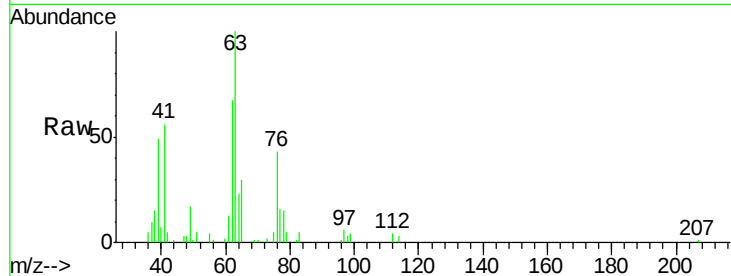
65 30.1 24.9 37.3

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#46

Dibromomethane

Concen: 19.811 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

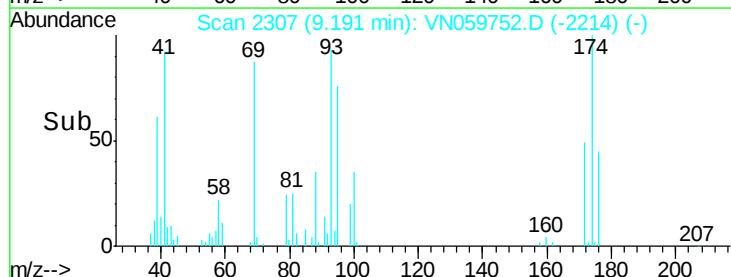
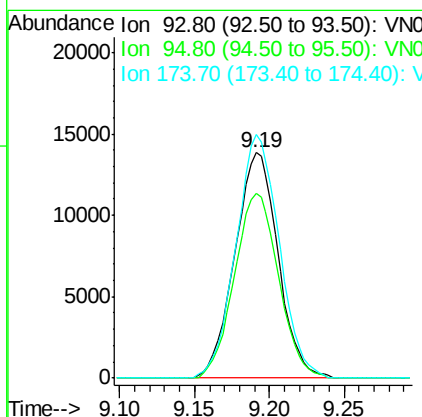
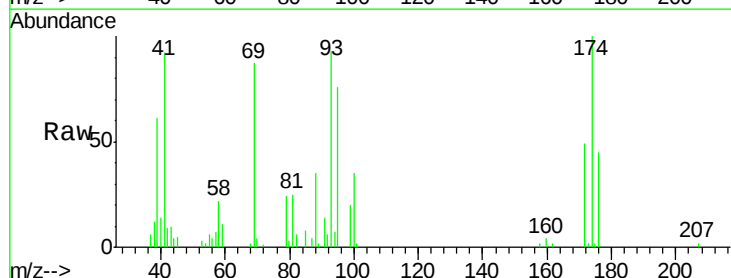
Tgt Ion: 93 Resp: 27819

Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.6

174 108.0 73.4 110.2





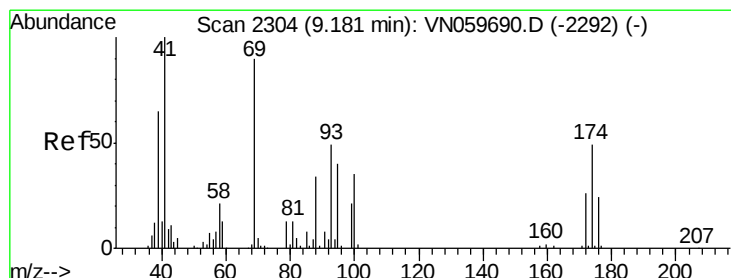
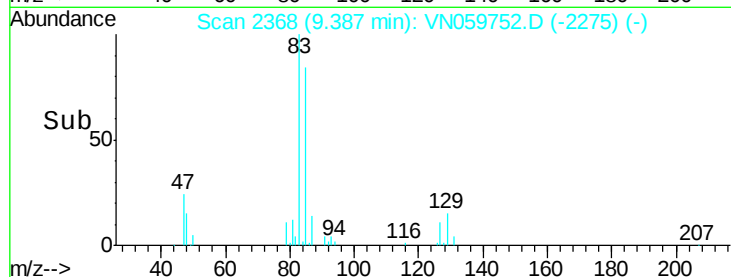
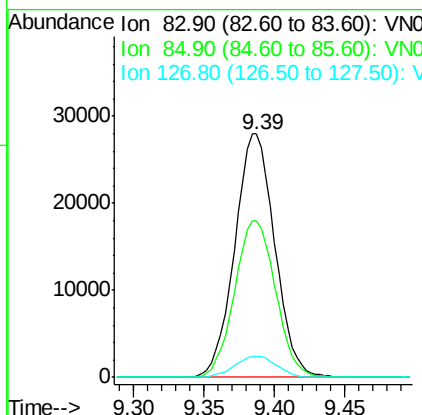
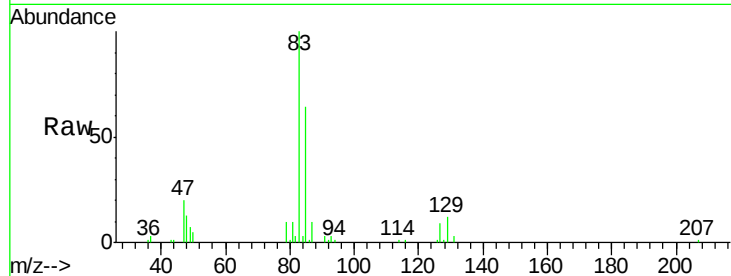
#47
Bromodichloromethane
Concen: 19.638 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion	83	Resp	55571
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	51.1	76.7
127	8.8	6.6	9.8

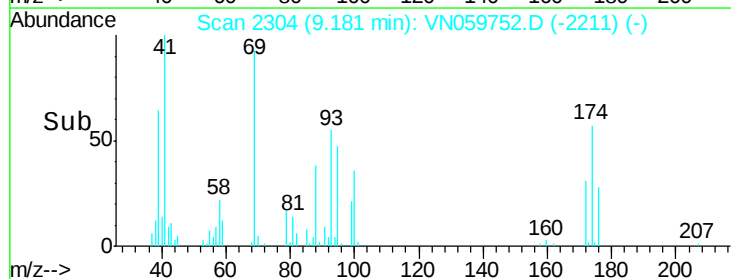
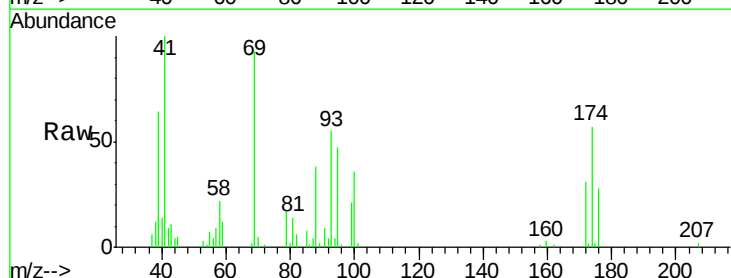
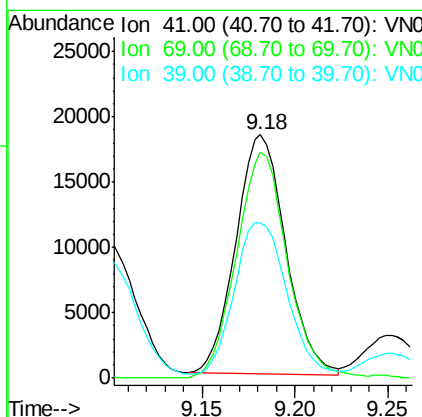
Manual Integrations
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#48
Methyl methacrylate
Concen: 17.693 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	41	Resp	34438
Ion Ratio	100	Lower	Upper
41	100		
69	96.3	64.4	96.6
39	70.0	51.3	76.9





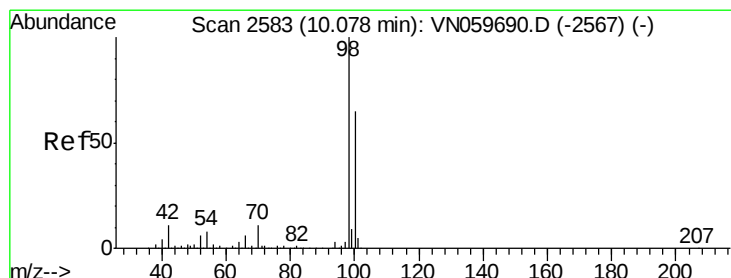
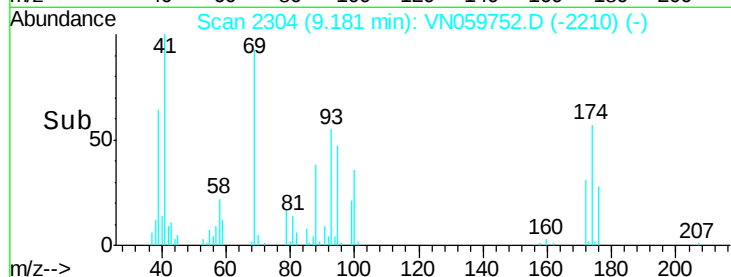
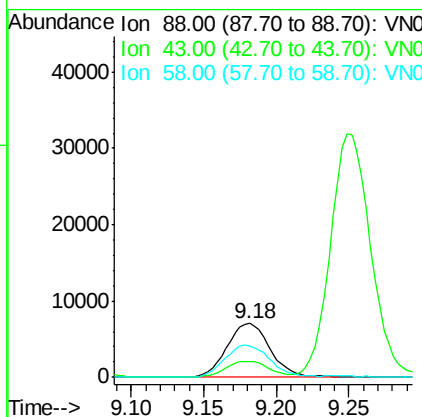
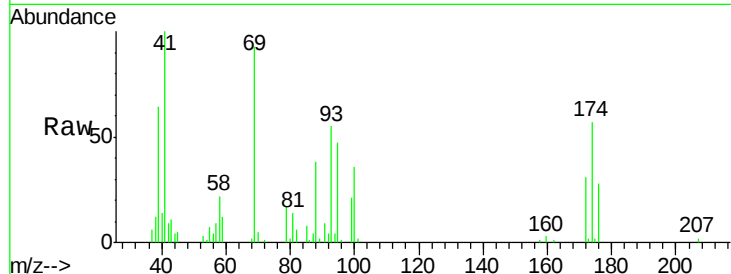
#49
1,4-Dioxane
Concen: 411.313 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	29.7	44.5
58	62.3	56.6	85.0

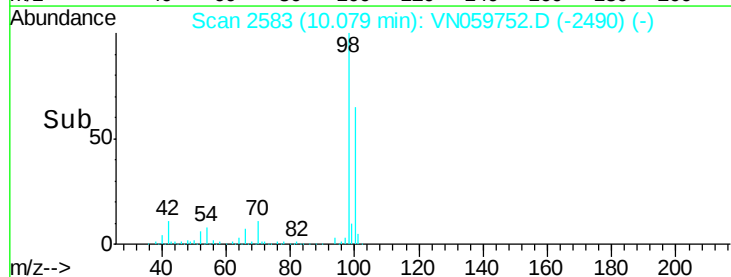
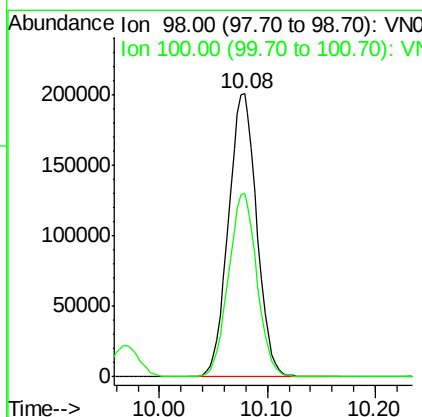
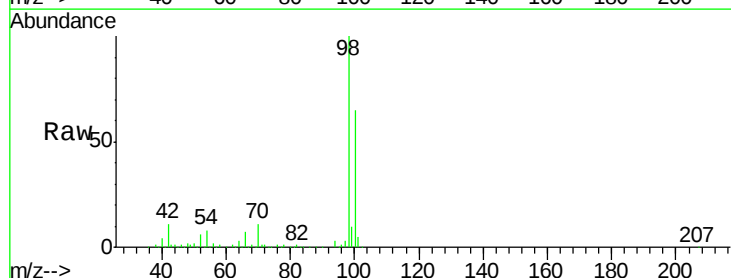
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#50
Toluene-d8
Concen: 51.395 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





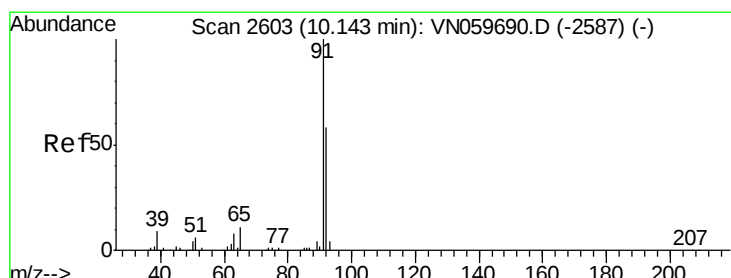
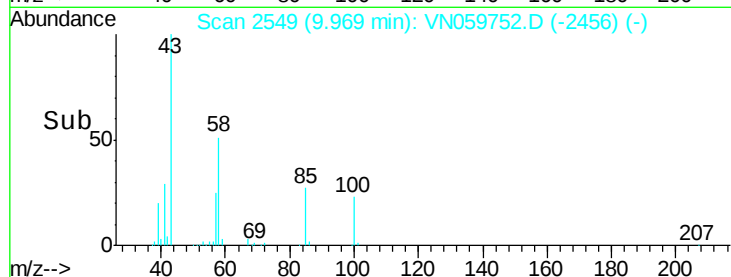
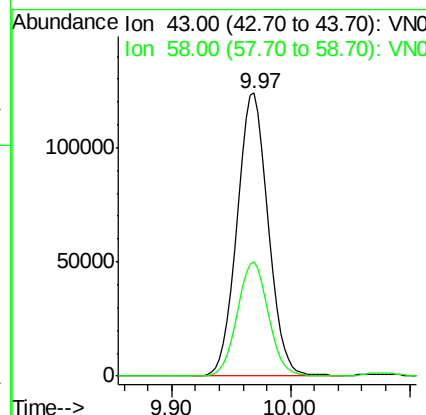
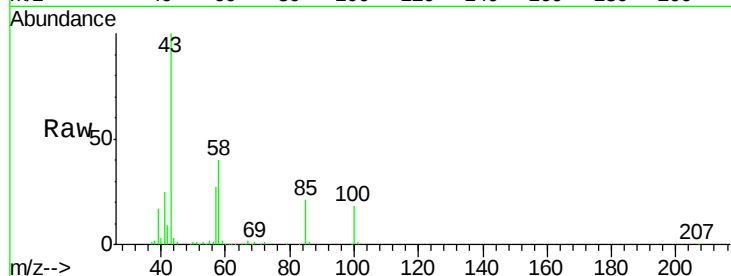
#51
4-Methyl-2-Pentanone
Concen: 89.361 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampled :
VN0117WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	29.8	44.8

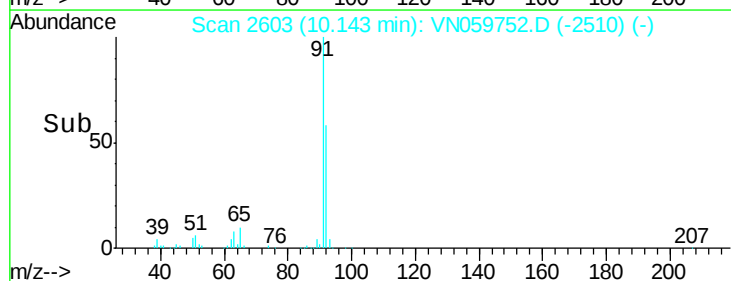
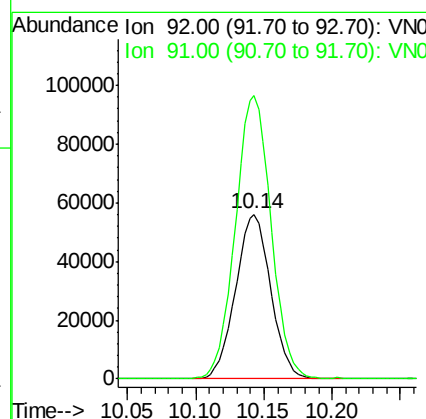
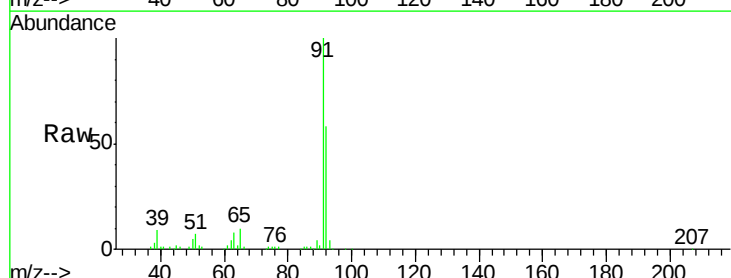
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#52
Toluene
Concen: 19.737 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.6	140.4	210.6





#53

t-1,3-Dichloropropene

Concen: 19.153 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

VN0117WBS01

Tot Ion: 75 Resp: 60516

Ion Ratio Lower Upper

75 100

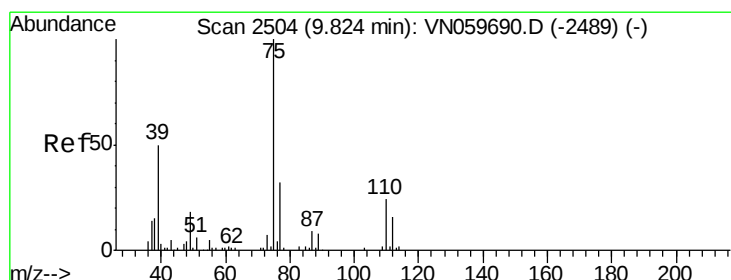
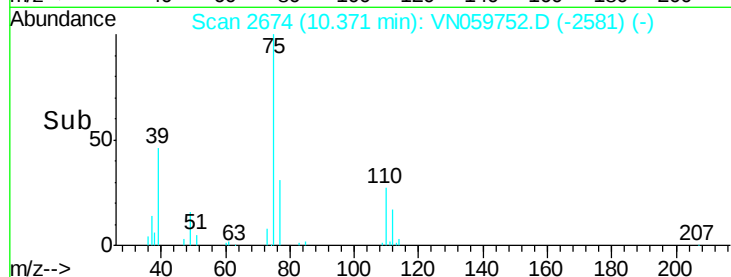
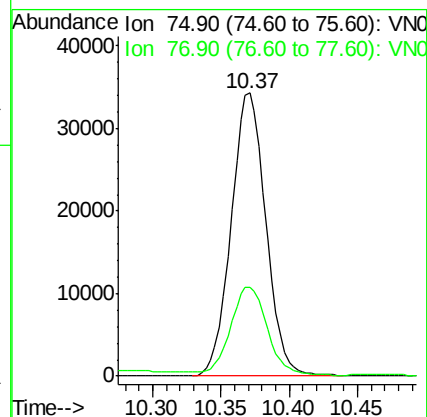
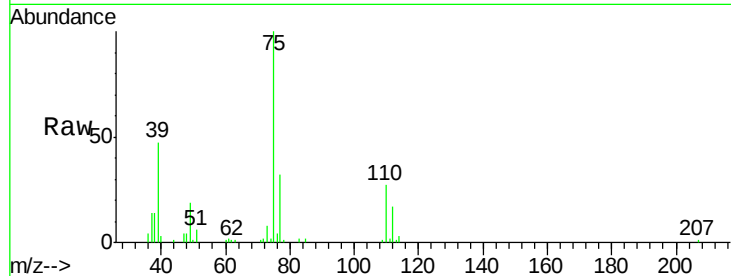
77 31.6 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 19.911 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

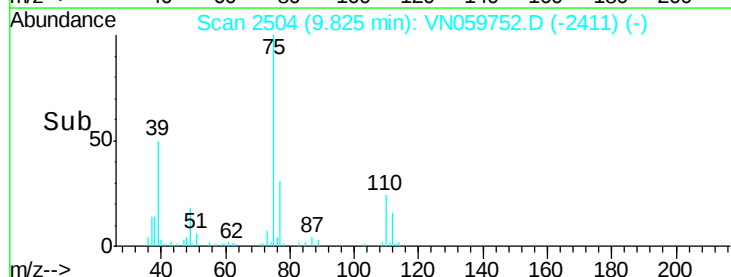
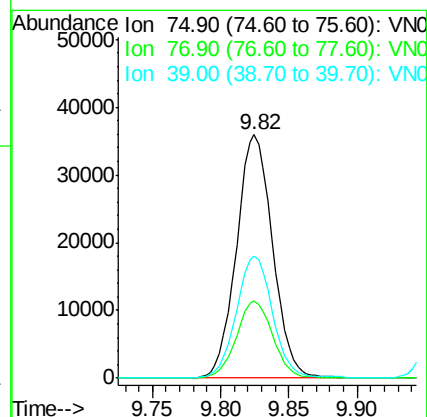
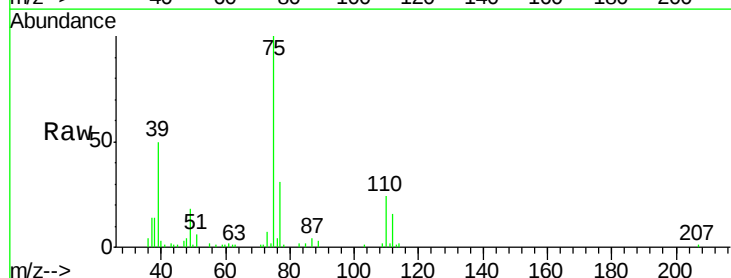
Tgt Ion: 75 Resp: 66193

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 50.2 46.1 69.1





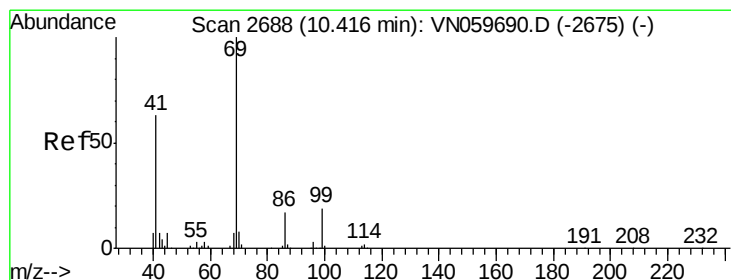
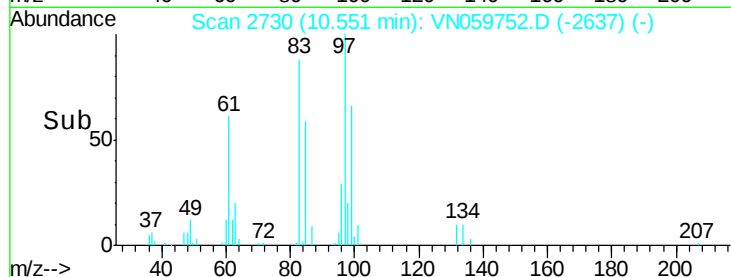
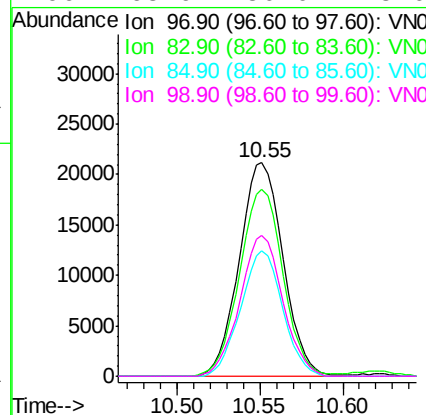
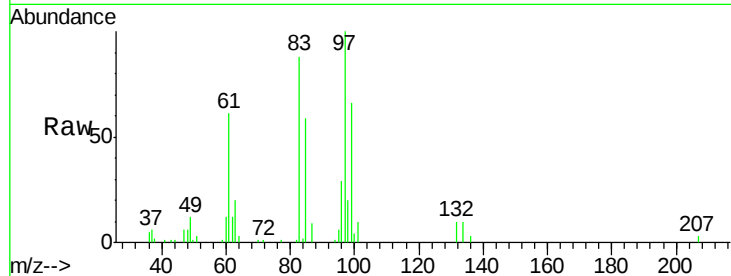
#55
 1,1,2-Trichloroethane
 Concen: 19.347 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Tot Ion:	97	Resp:	38935
Ion	Ratio	Lower	Upper
97	100		
83	87.7	71.3	106.9
85	58.5	45.8	68.8
99	65.9	50.0	75.0

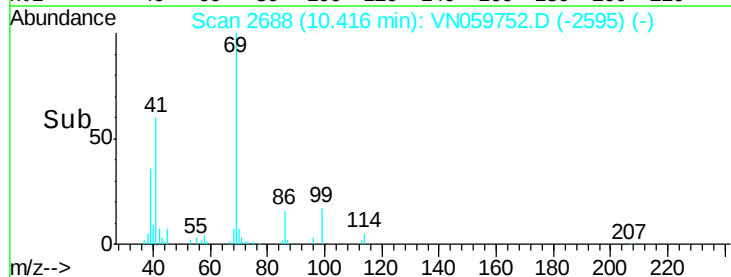
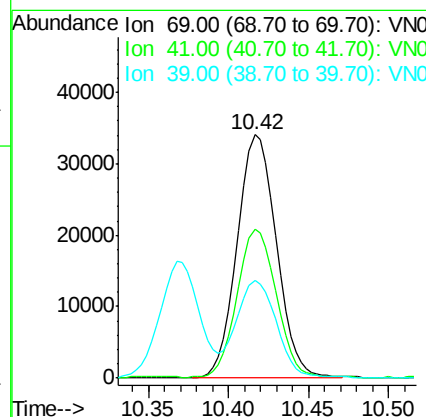
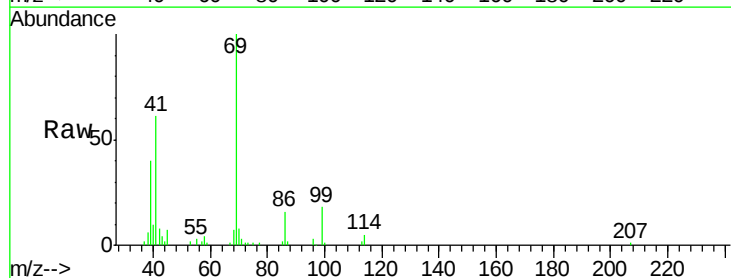
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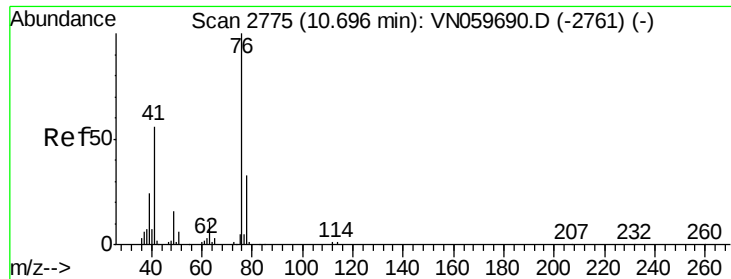
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#56
 Ethyl methacrylate
 Concen: 18.606 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Tgt Ion:	69	Resp:	57217
Ion	Ratio	Lower	Upper
69	100		
41	61.7	57.1	85.7
39	41.6	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.087 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

VN0117WBS01

Tot Ion: 76 Resp: 64179

Ion Ratio Lower Upper

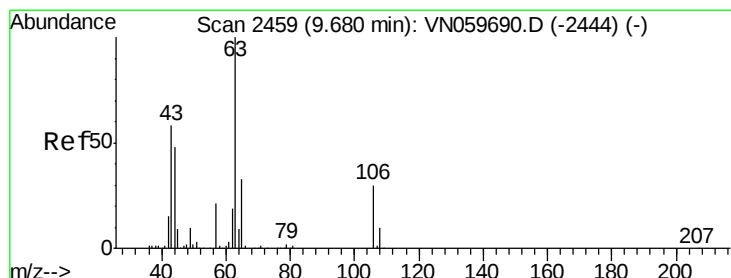
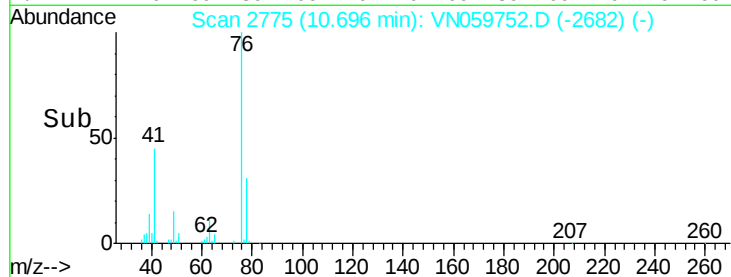
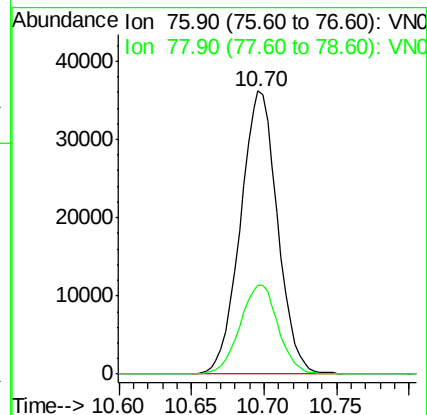
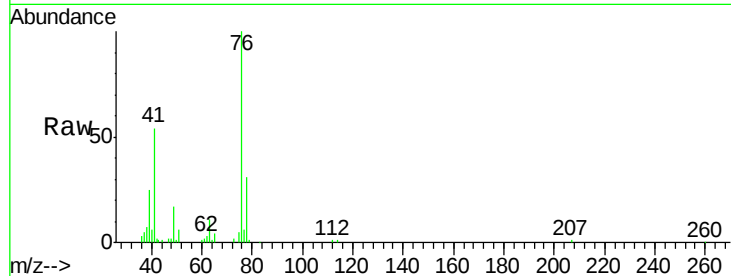
76 100

78 32.3 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 112.511 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059752.D

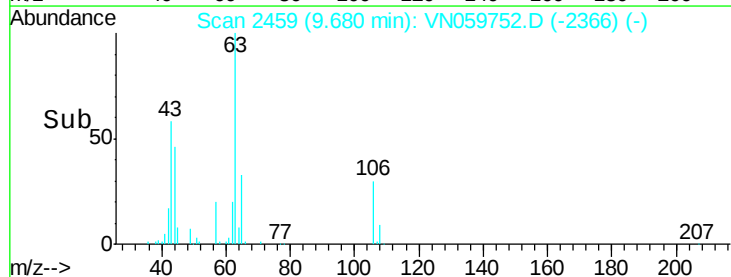
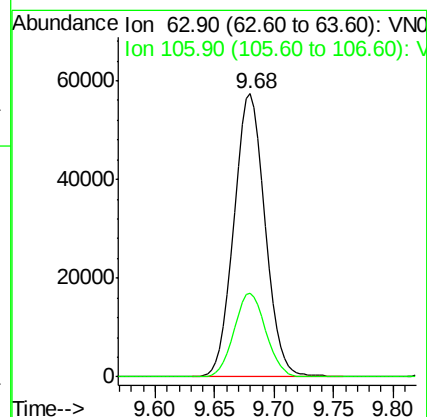
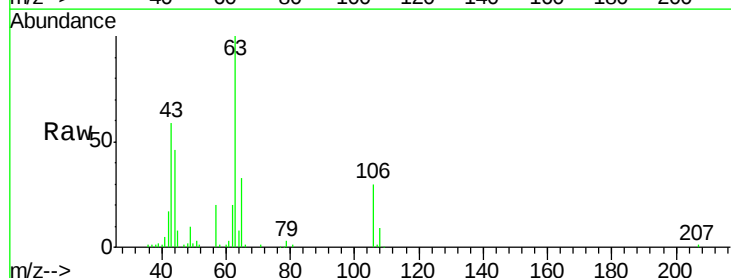
Acq: 17 Jan 2020 11:40

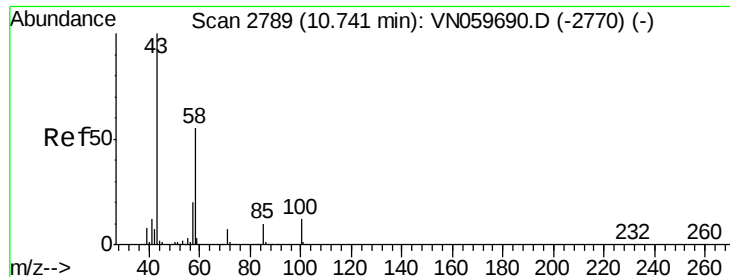
Tgt Ion: 63 Resp: 104211

Ion Ratio Lower Upper

63 100

106 29.9 20.2 30.2





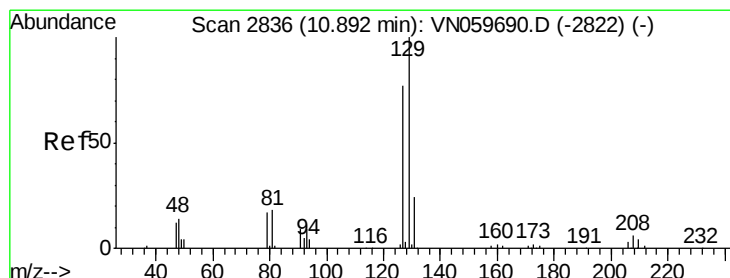
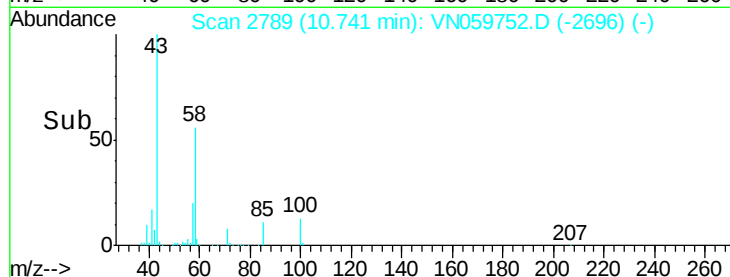
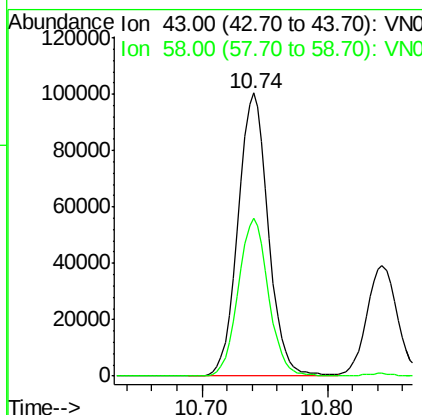
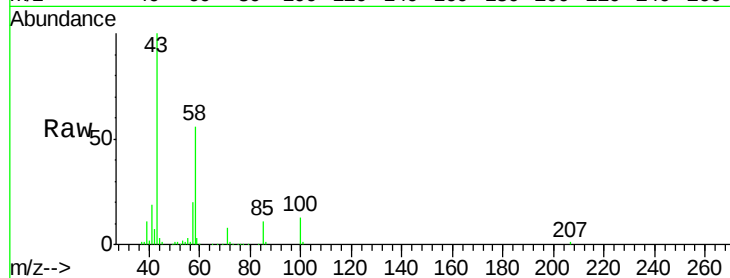
#59
2-Hexanone
Concen: 91.077 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion: 43 Resp: 168781
Ion Ratio Lower Upper
43 100
58 55.6 25.8 77.3

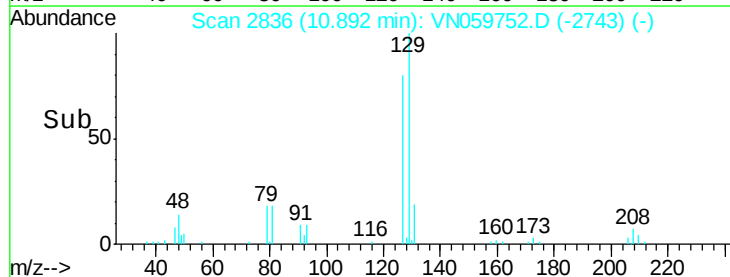
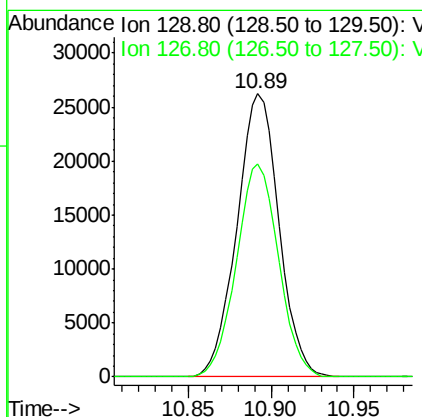
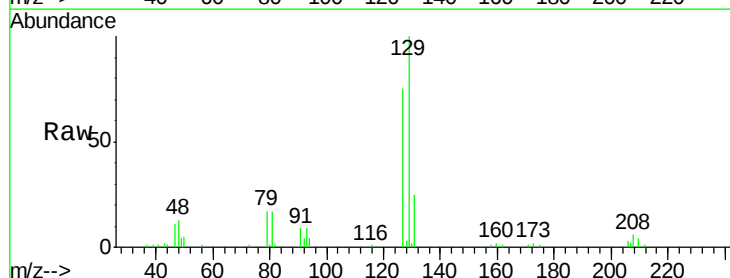
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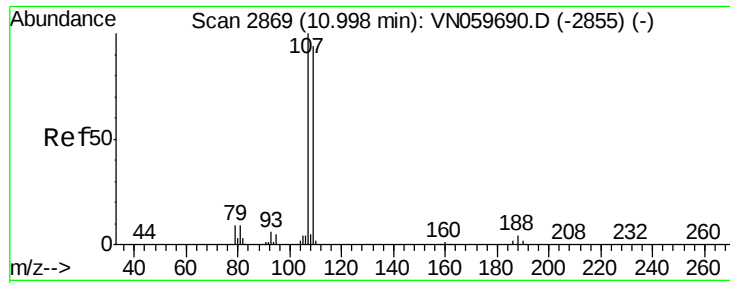
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#60
Dibromochloromethane
Concen: 20.196 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion: 129 Resp: 46284
Ion Ratio Lower Upper
129 100
127 75.4 38.5 115.5





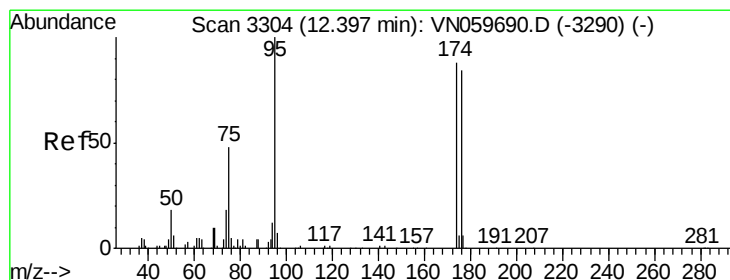
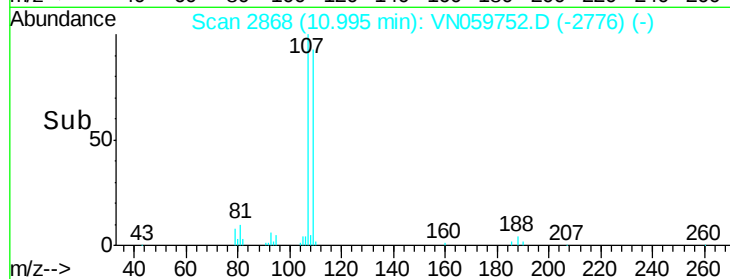
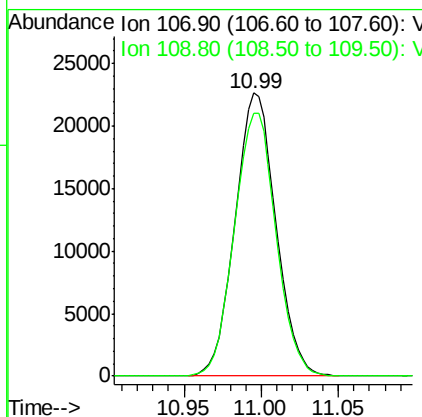
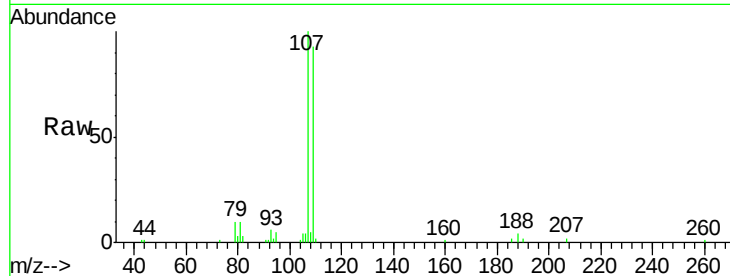
#61
 1,2-Dibromoethane
 Concen: 19.673 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Tot Ion: 107 Resp: 41497
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.6 115.0

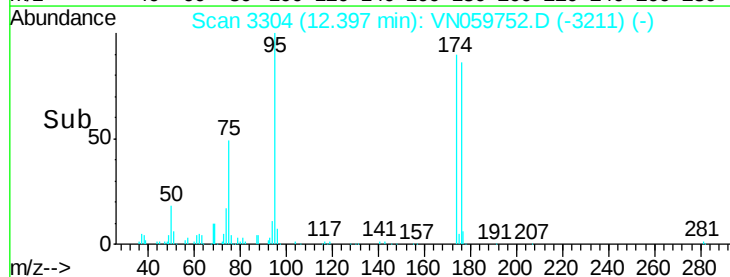
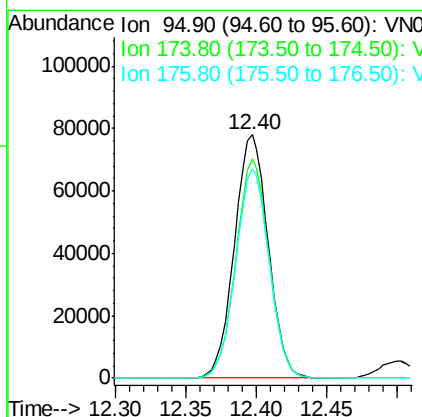
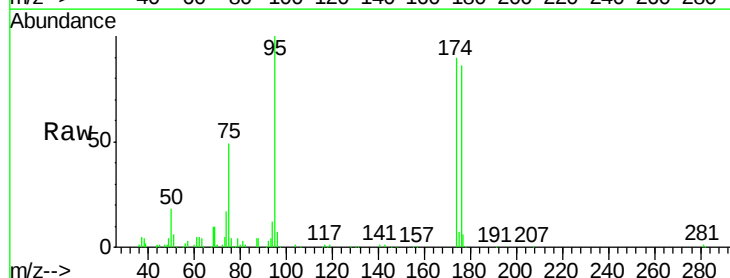
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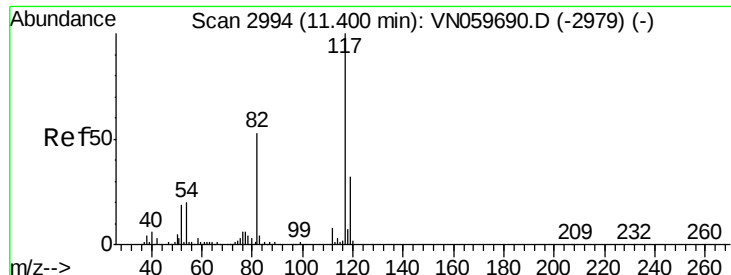
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#62
 4-Bromofluorobenzene
 Concen: 50.699 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Tgt Ion: 95 Resp: 130805
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 151.4
 176 85.4 0.0 146.0





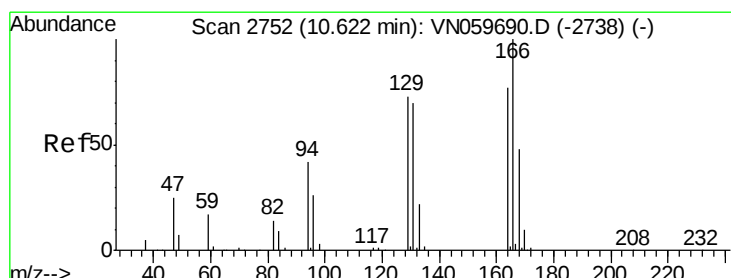
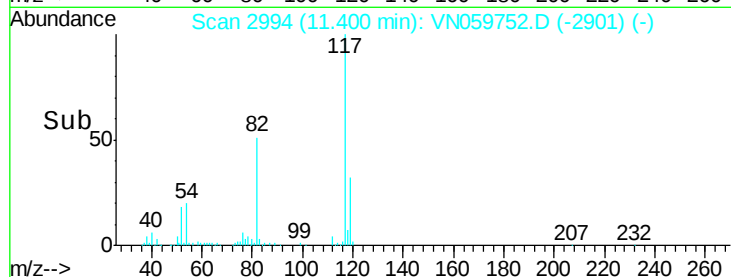
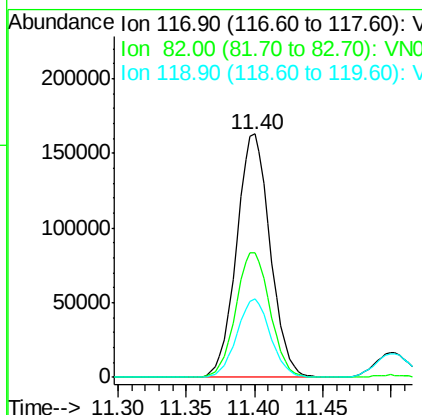
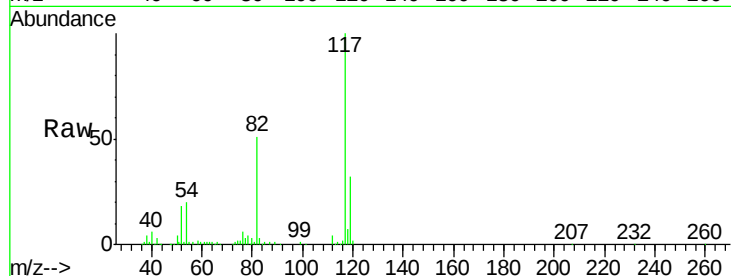
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	278605		
82	51.4	45.9	68.9	
119	32.0	25.5	38.3	

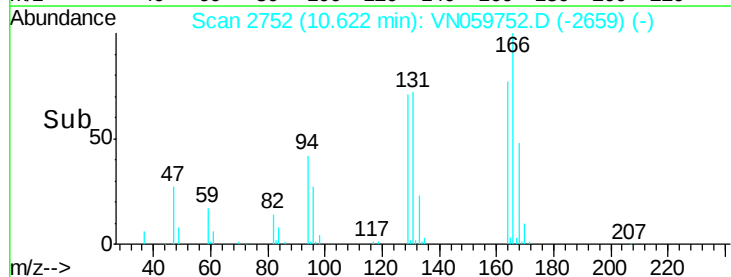
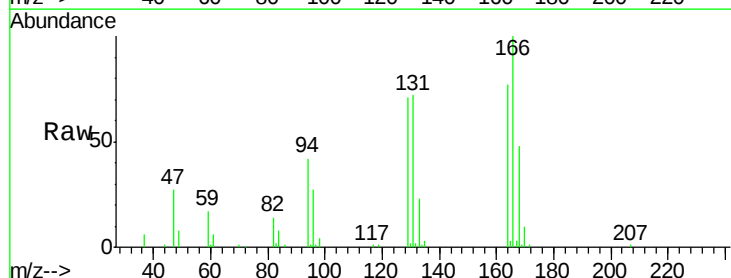
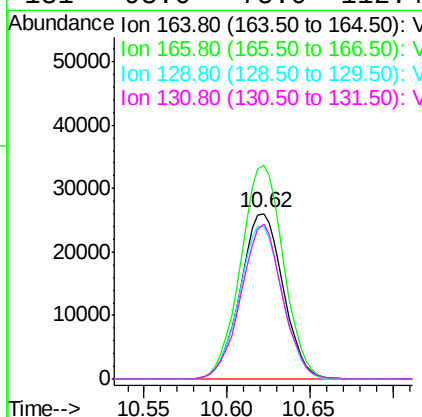
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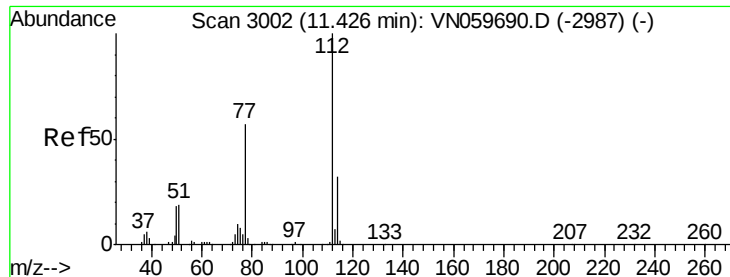
MMDadoda
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#64
Tetrachloroethene
Concen: 20.573 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46714		
166	129.2	101.4	152.0	
129	91.9	80.2	120.4	
131	93.6	75.0	112.4	





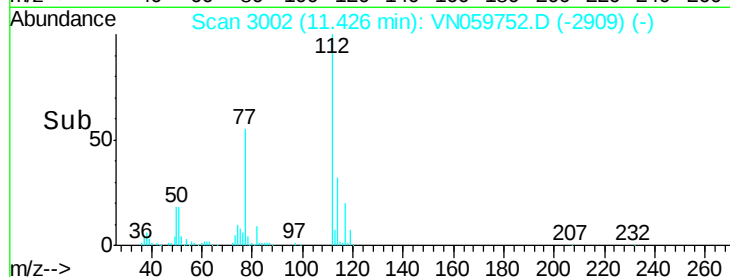
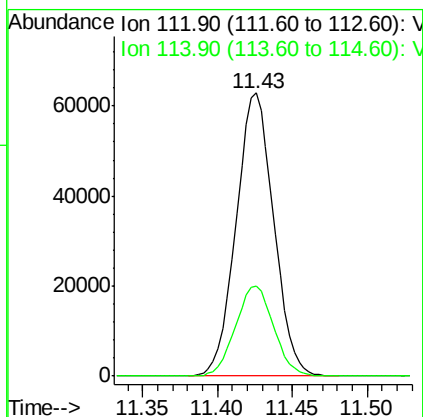
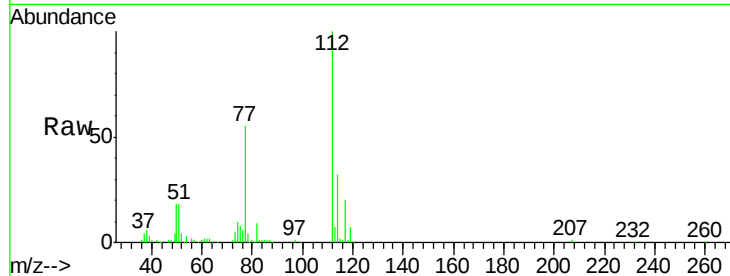
#65
Chlorobenzene
Concen: 20.025 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampled :
VN0117WBS01

Tot Ion:112 Resp: 109658
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

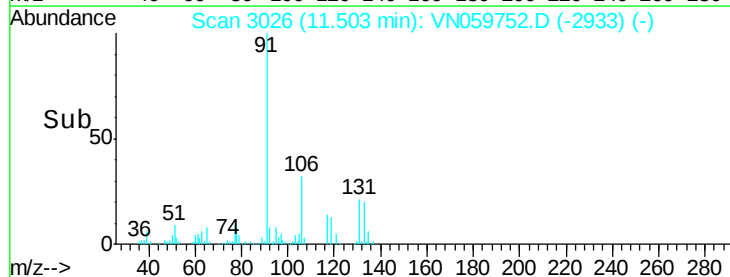
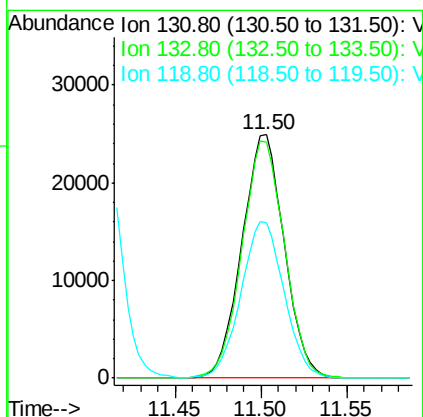
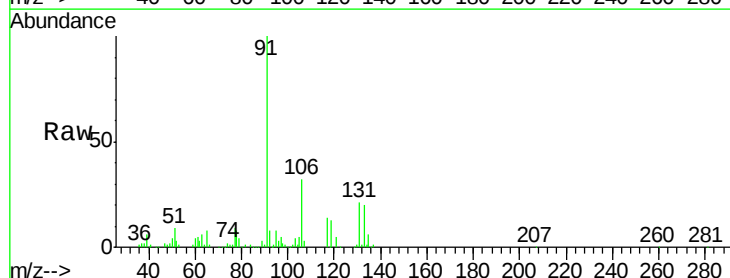
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.114 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion:131 Resp: 42560
Ion Ratio Lower Upper
131 100
133 98.0 47.4 142.2
119 65.5 33.1 99.3





#67

Ethyl Benzene

Concen: 19.678 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

VN0117WBS01

Tot Ion: 91 Resp: 195615

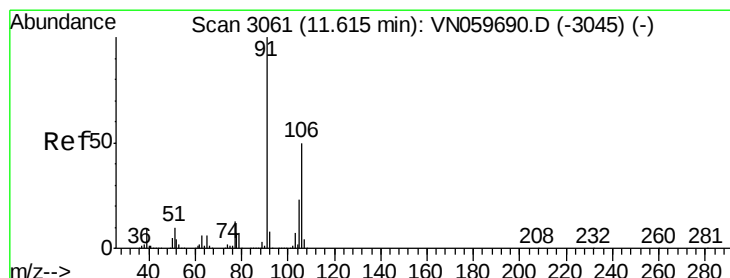
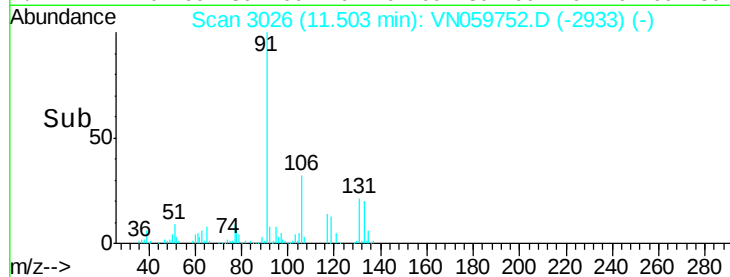
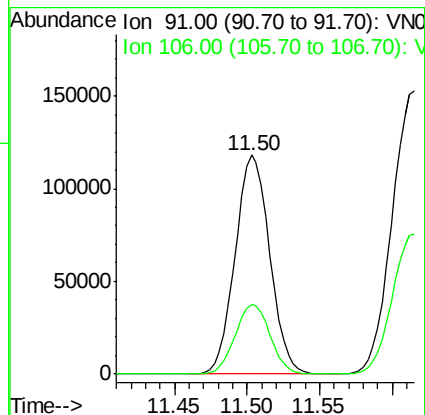
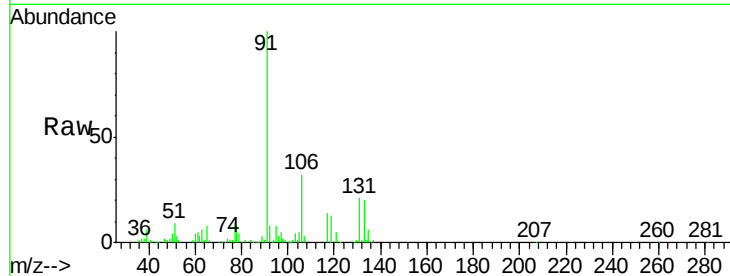
Ion Ratio Lower Upper

91 100

106 31.8 24.1 36.1

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#68

m/p-Xylenes

Concen: 39.513 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059752.D

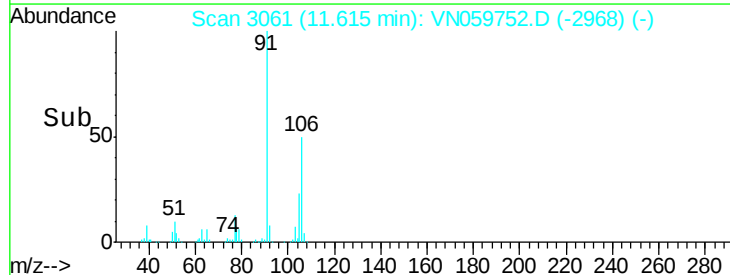
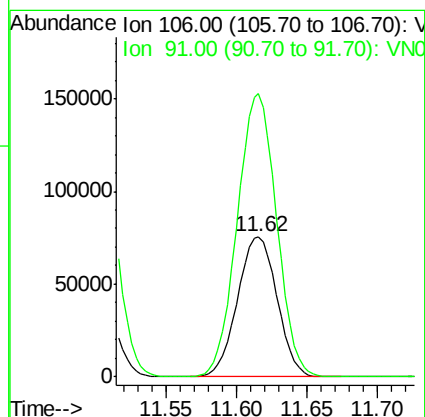
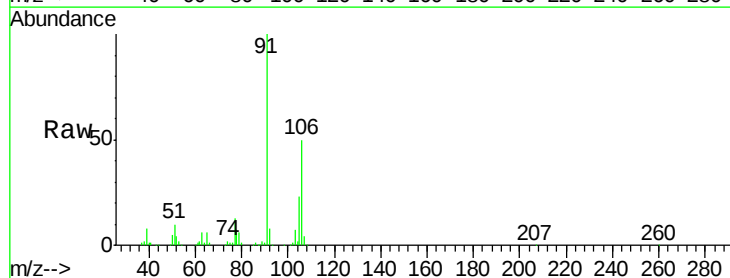
Acq: 17 Jan 2020 11:40

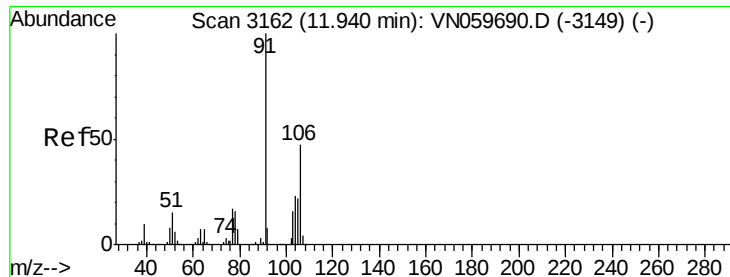
Tgt Ion: 106 Resp: 148372

Ion Ratio Lower Upper

106 100

91 201.2 167.9 251.9





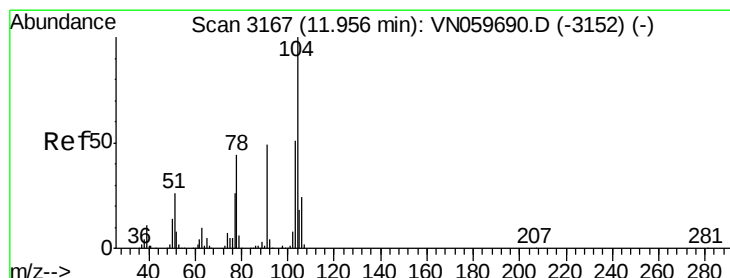
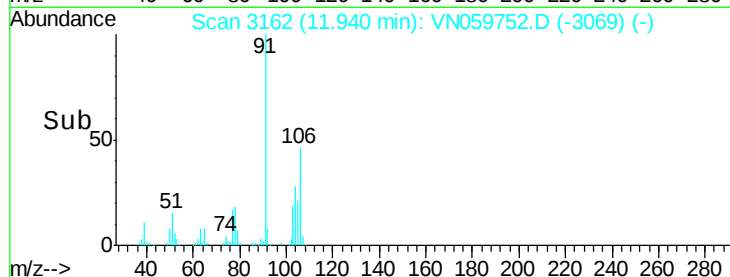
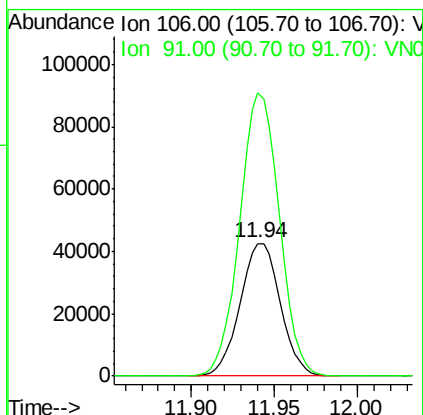
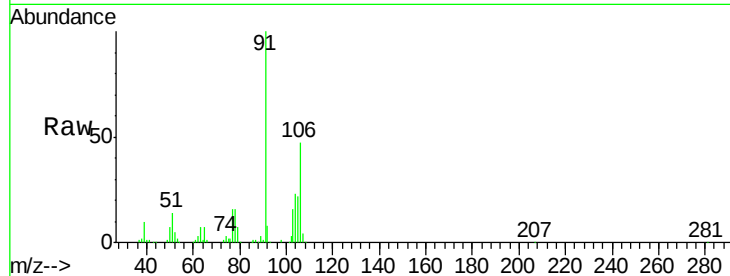
#69
o-Xylene
Concen: 19.597 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampled :
VN0117WBS01

Tot Ion:106 Resp: 72044
Ion Ratio Lower Upper
106 100
91 210.1 110.3 330.9

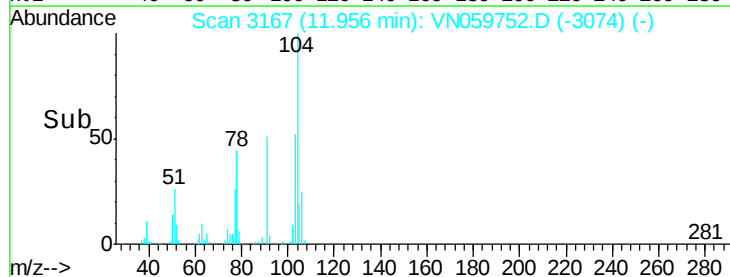
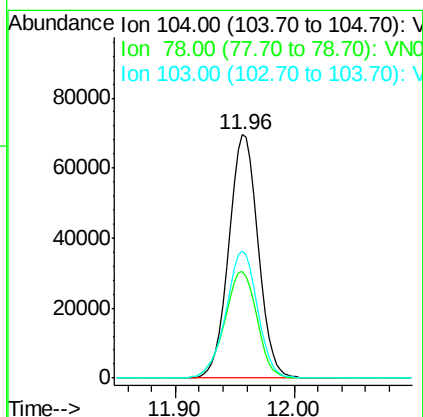
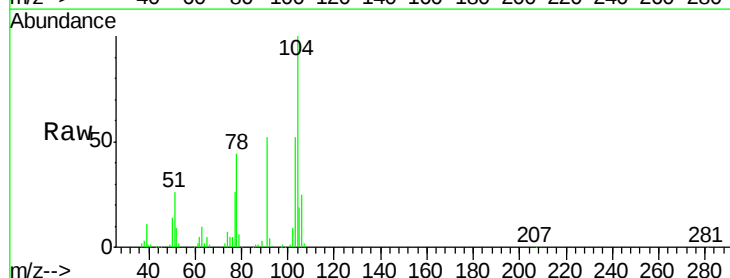
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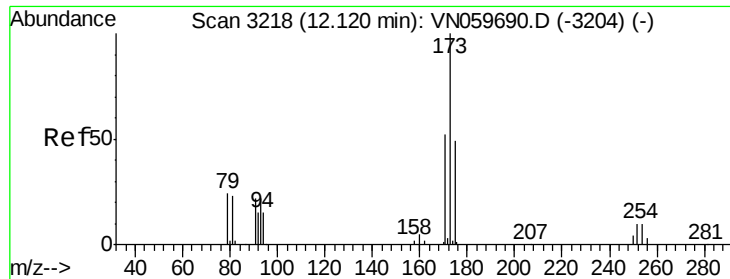
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#70
Styrene
Concen: 19.319 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion:104 Resp: 118844
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 56.0 43.9 65.9





#71

Bromoform

Concen: 20.030 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

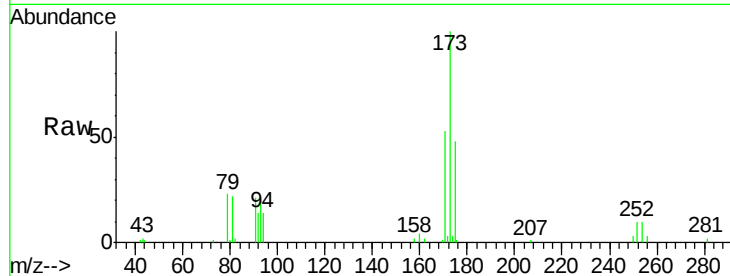
ClientSampleId :

VN0117WBS01

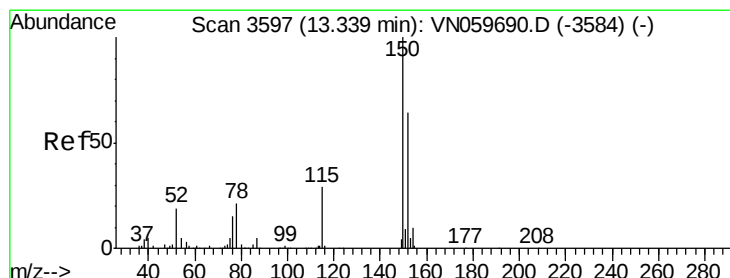
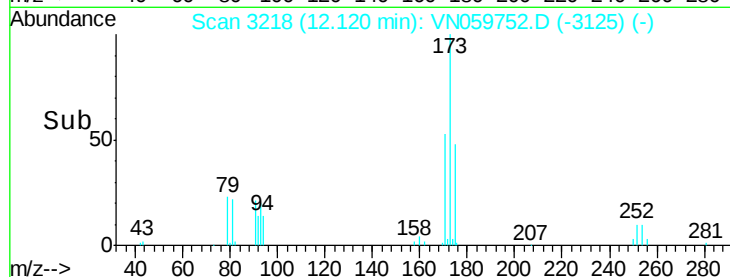
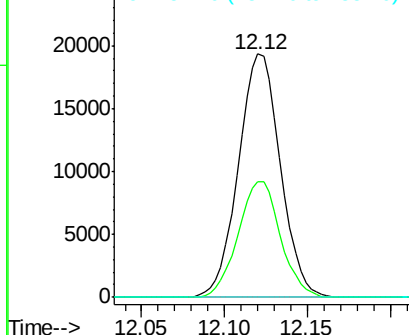
Tot Ion:	173	Resp:	33949
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.8	71.4
254	0.0	0.0	0.0

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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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

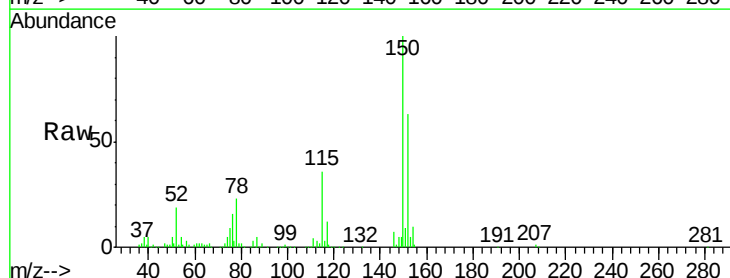
RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

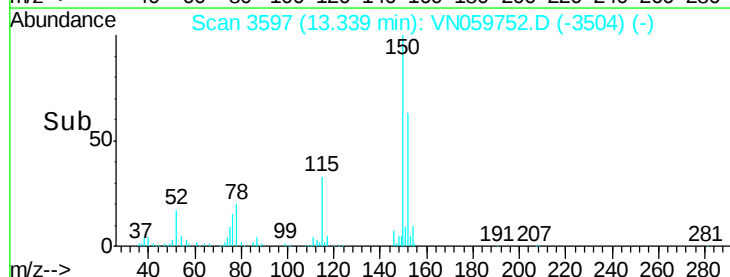
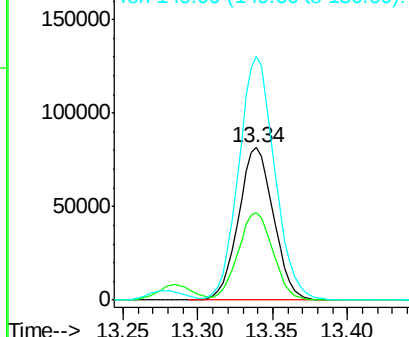
Lab File: VN059752.D

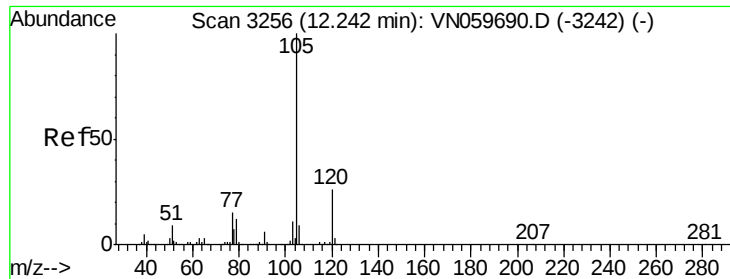
Acq: 17 Jan 2020 11:40

Tgt Ion:	152	Resp:	132529
Ion Ratio	Lower	Upper	
152	100		
115	57.3	30.3	90.9
150	163.9	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: 20.054 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

Tot Ion: 105 Resp: 194917

Ion Ratio Lower Upper

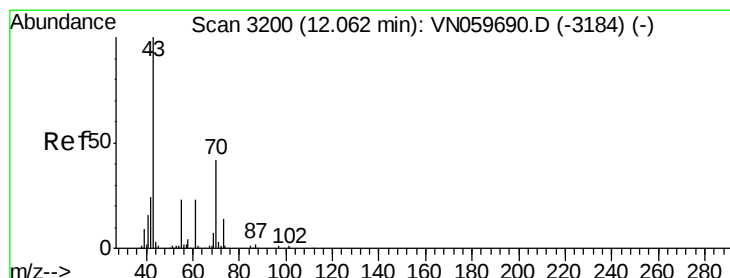
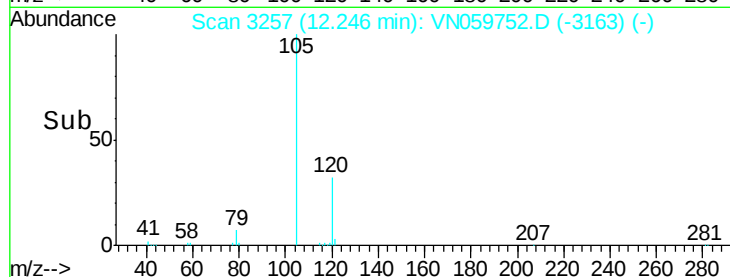
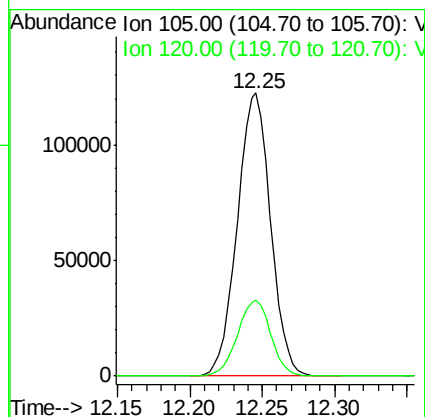
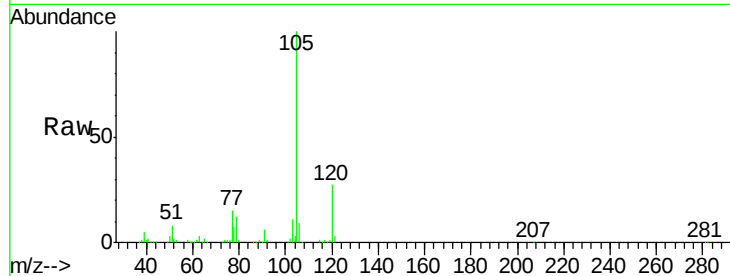
105 100

120 26.7 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.894 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Tgt Ion: 43 Resp: 67486

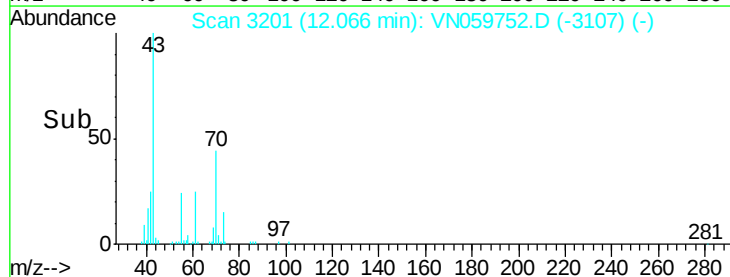
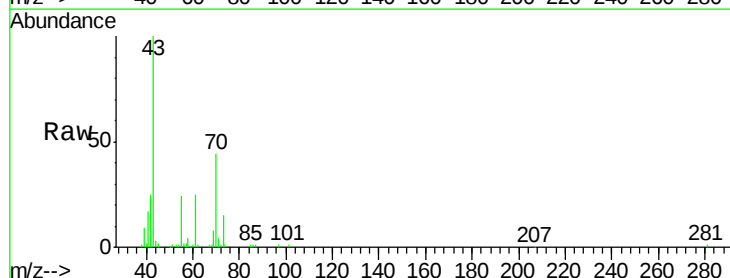
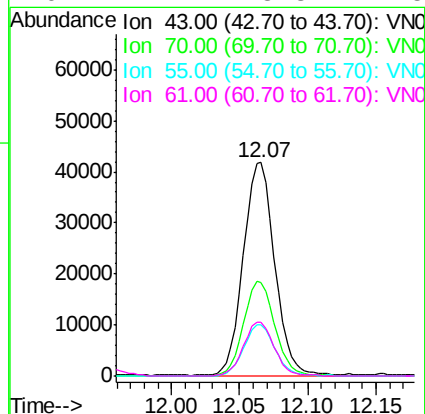
Ion Ratio Lower Upper

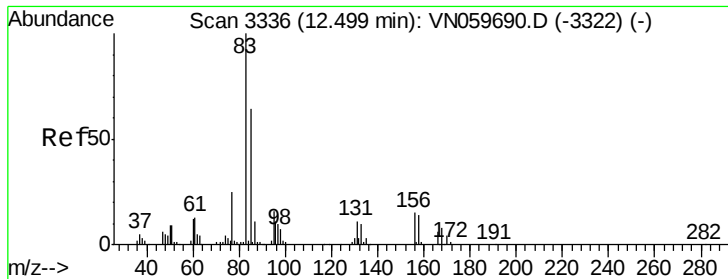
43 100

70 43.8 31.3 46.9

55 23.8 19.8 29.6

61 24.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.710 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

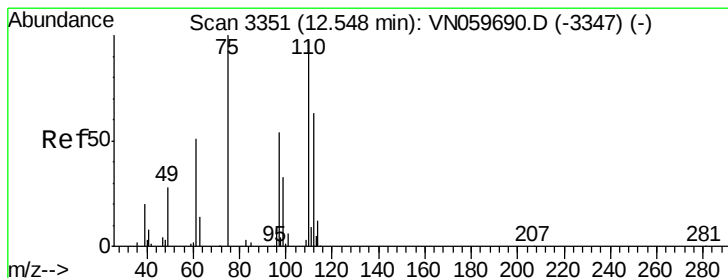
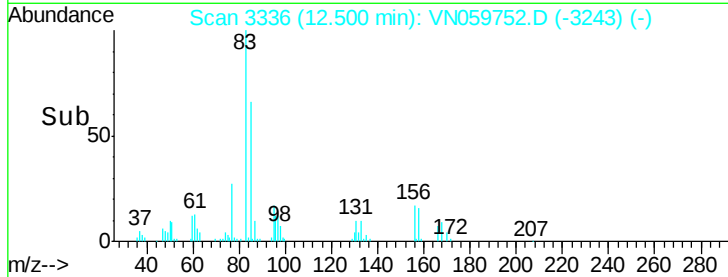
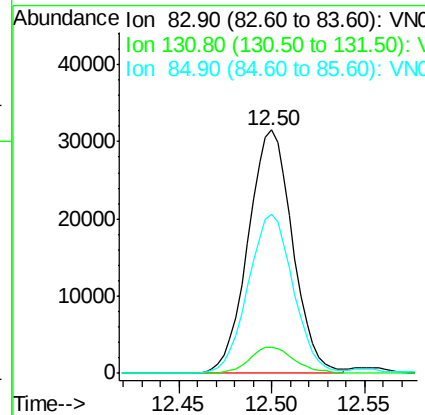
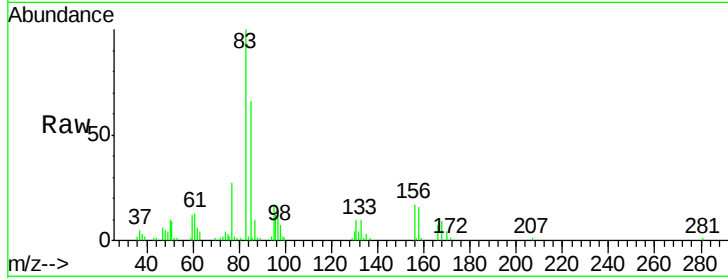
ClientSampleId :

VN0117WBS01

Tot Ion:	83	Resp:	52719
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.0	14.9
85	66.2	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 20.071 ug/l m

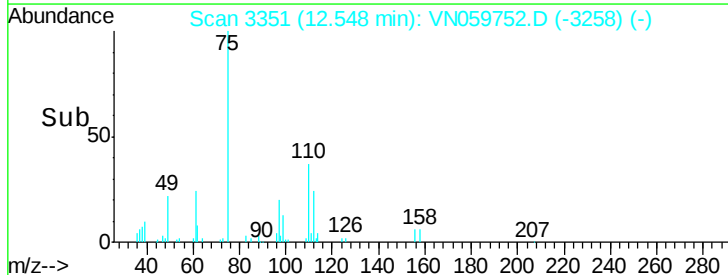
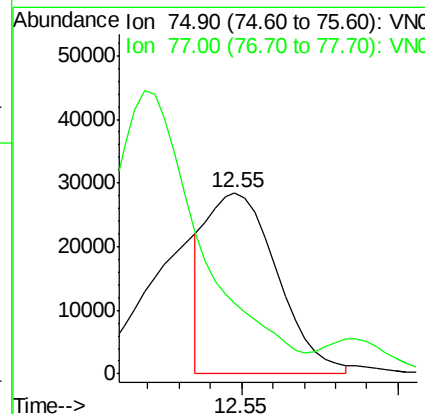
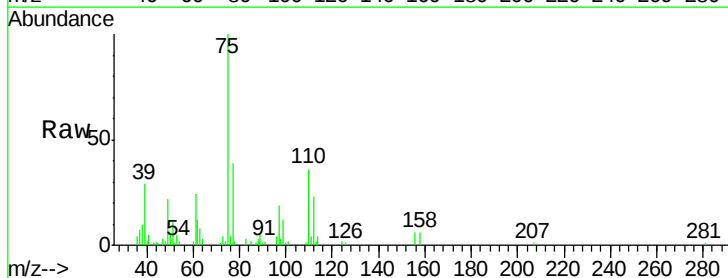
RT: 12.55 min Scan# 3351

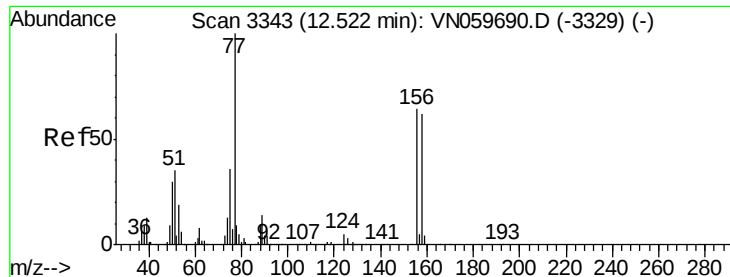
Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Tgt Ion:	75	Resp:	44766
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.234 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

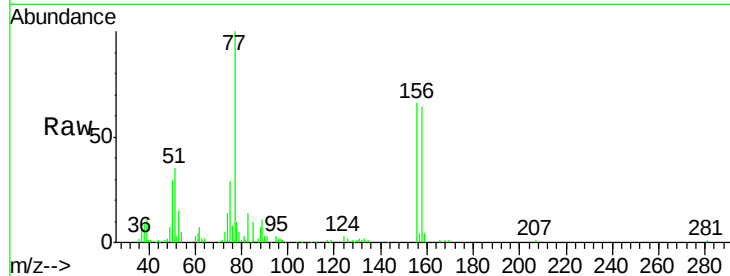
ClientSampleId :

VN0117WBS01

Tot Ion:	156	Resp:	49803
Ion Ratio	Lower	Upper	
156	100		
77	182.7	115.8	347.4
158	96.9	49.2	147.6

Manual Integrations
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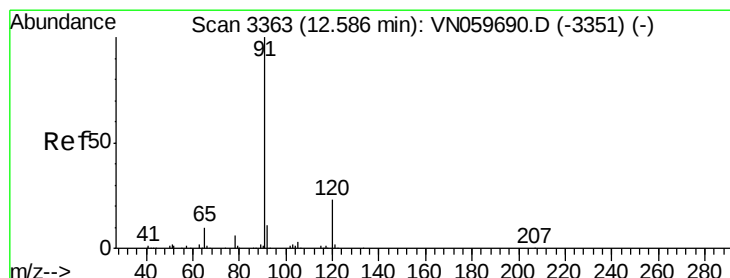
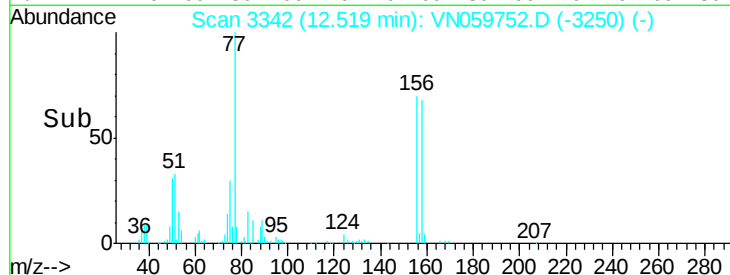
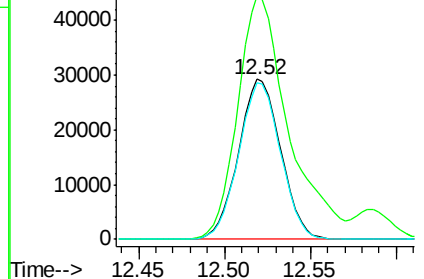
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.908 ug/l

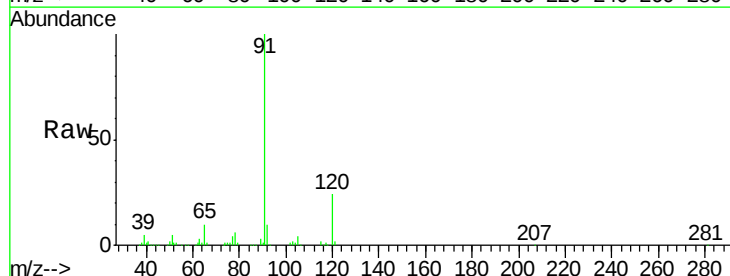
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059752.D

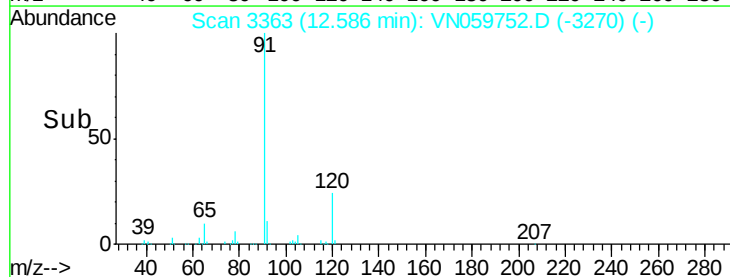
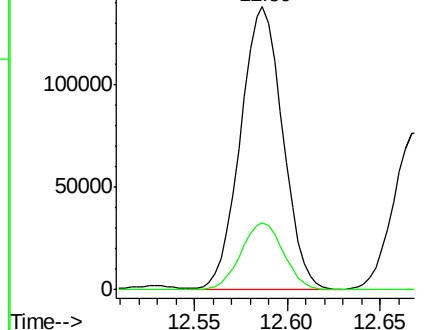
Acq: 17 Jan 2020 11:40

Tgt Ion:	91	Resp:	217180
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.1	33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.444 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

Tot Ion: 91 Resp: 126190

Ion Ratio Lower Upper

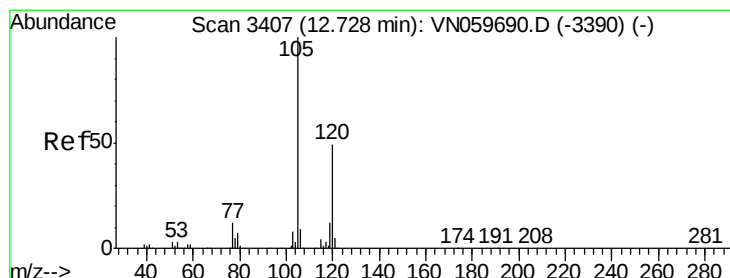
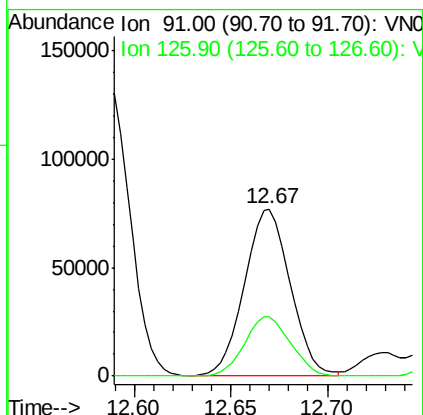
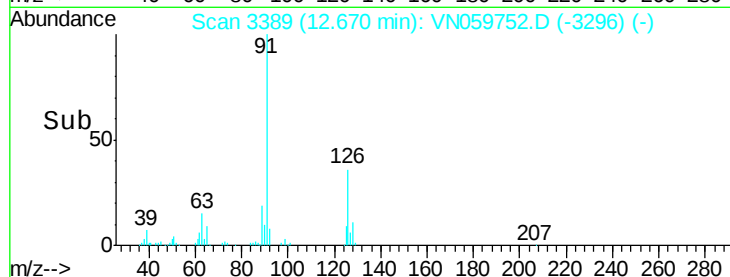
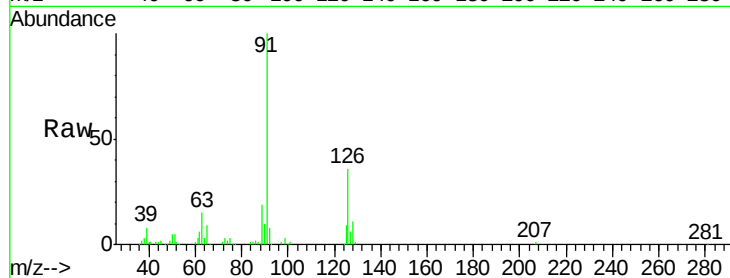
91 100

126 36.0 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 19.853 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059752.D

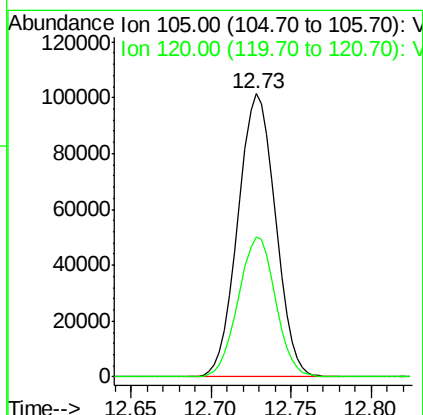
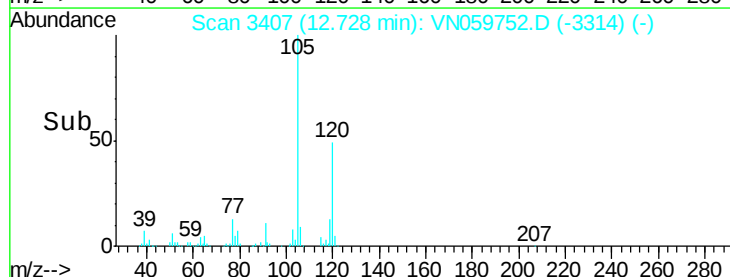
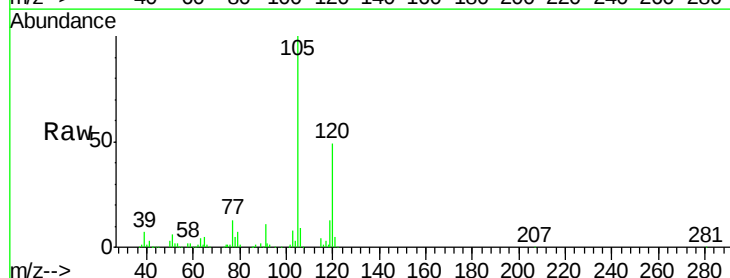
Acq: 17 Jan 2020 11:40

Tgt Ion: 105 Resp: 162279

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.491 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

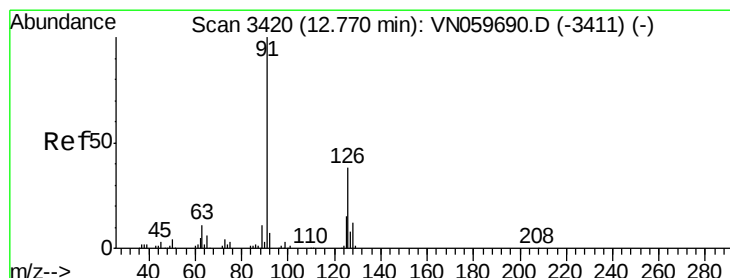
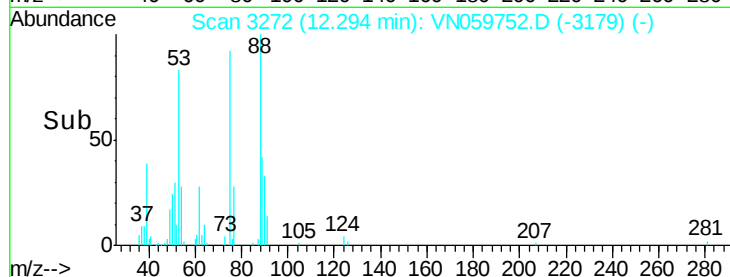
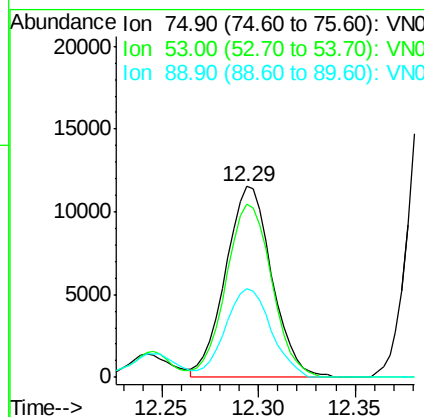
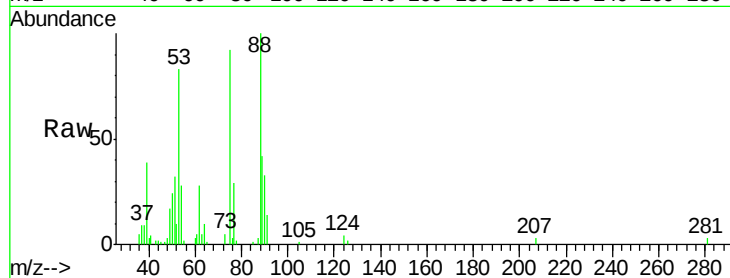
ClientSampleId :

VN0117WBS01

Tot Ion:	75	Resp:	19204
Ion	Ratio	Lower	Upper
75	100		
53	90.2	78.1	117.1
89	45.7	35.4	53.2

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#82

4-Chlorotoluene

Concen: 19.829 ug/l

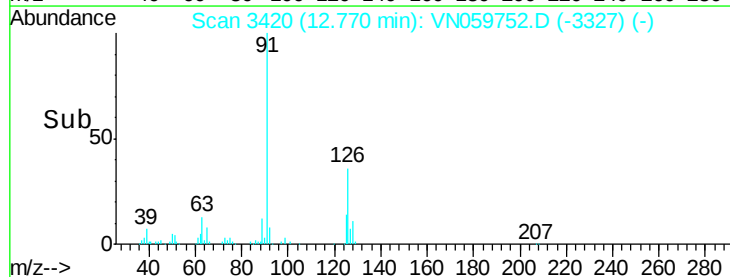
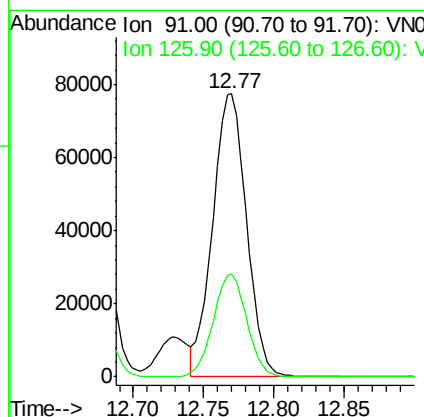
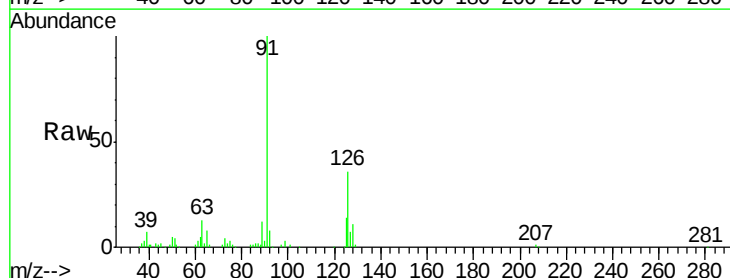
RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Tgt Ion:	91	Resp:	129080
Ion	Ratio	Lower	Upper
91	100		
126	35.7	16.3	48.8





#83

tert-Butylbenzene

Concen: 19.798 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

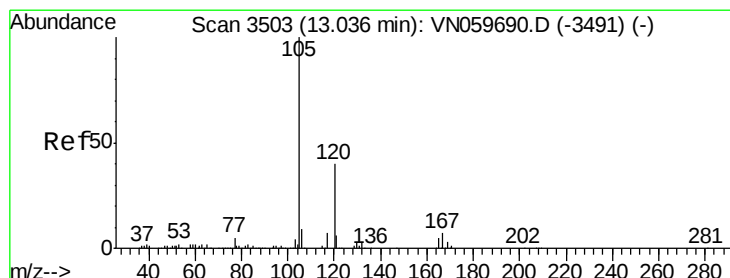
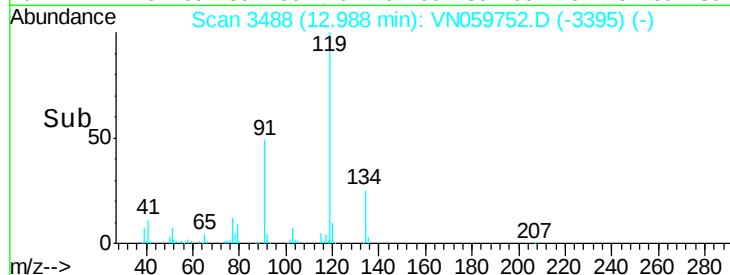
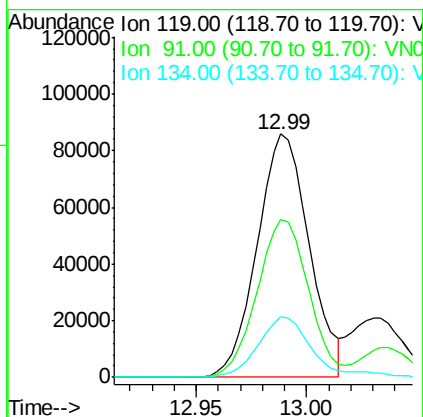
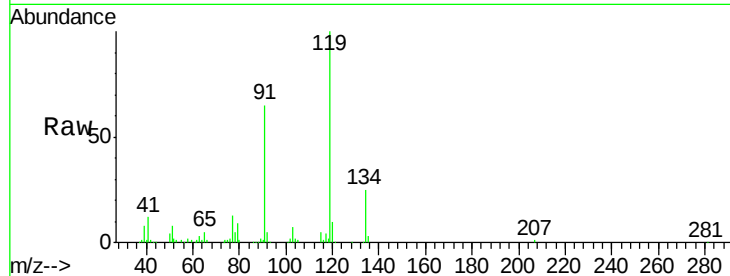
ClientSampleId :

VN0117WBS01

Tot Ion:	119	Resp:	139965
Ion Ratio	Lower	Upper	
119	100		
91	64.5	34.8	104.4
134	25.9	12.3	36.9

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#84

1,2,4-Trimethylbenzene

Concen: 20.342 ug/l

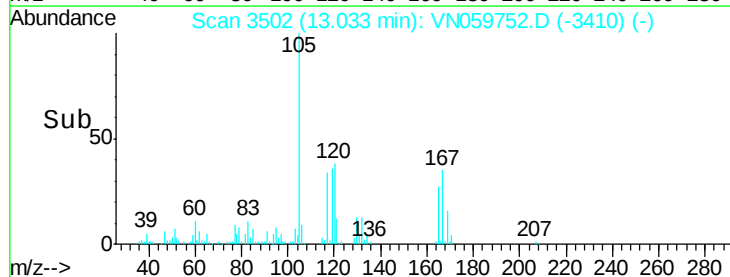
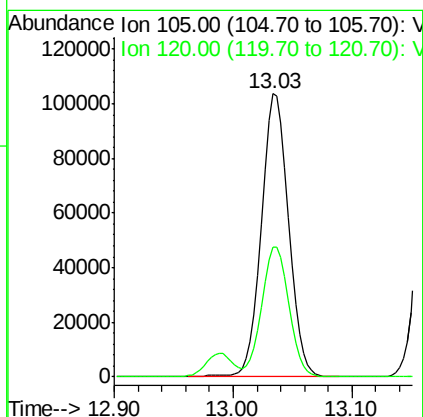
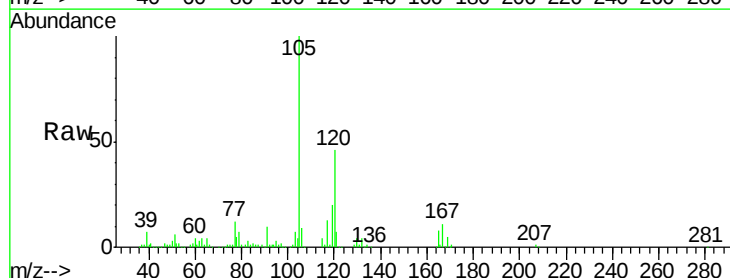
RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Tgt Ion:	105	Resp:	164505
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.3	66.9





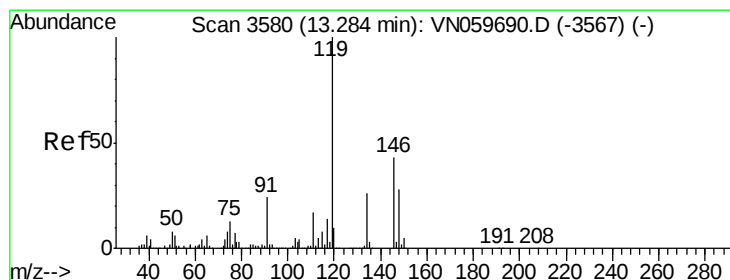
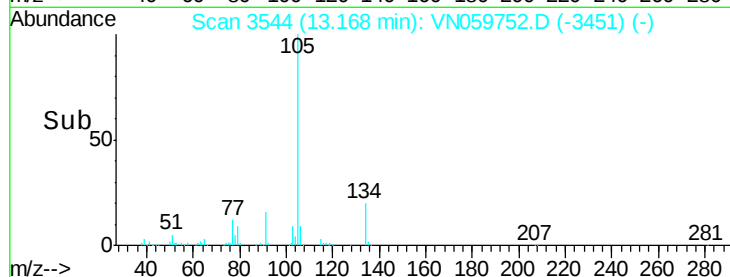
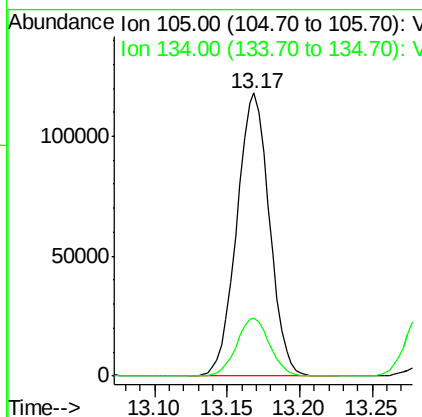
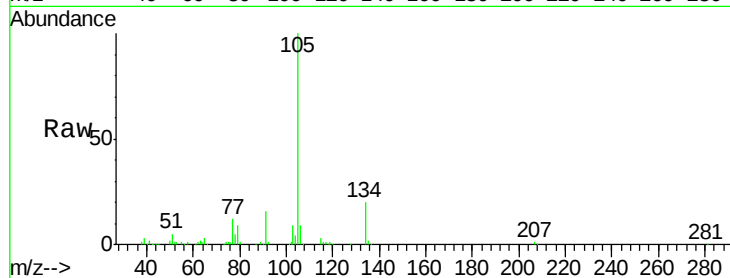
#85
 sec-Butylbenzene
 Concen: 19.855 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	184420		
134	20.6	9.8	29.5	

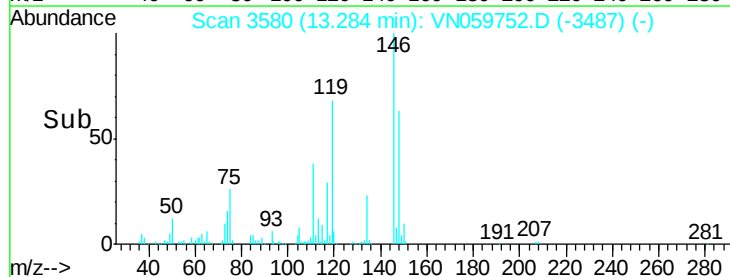
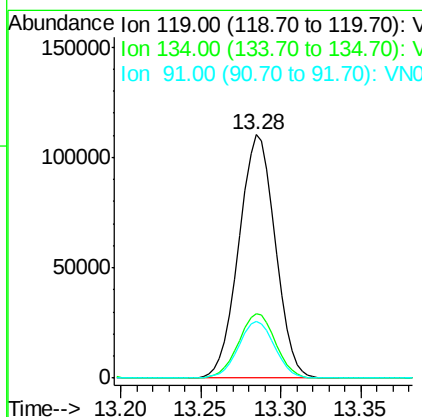
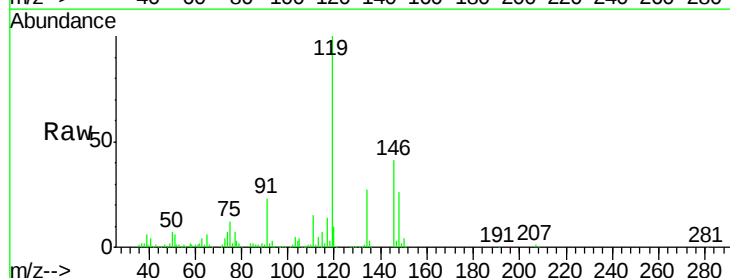
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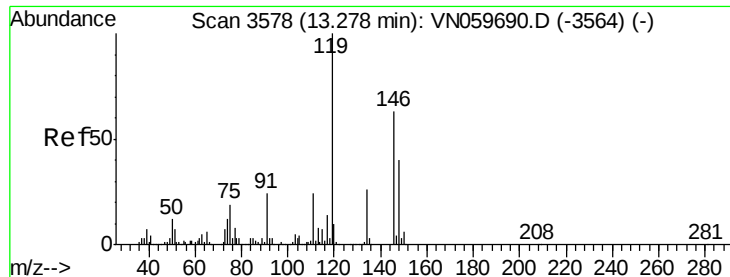
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 1/20/2020 11:12:10 AM



#86
 p-Isopropyltoluene
 Concen: 19.908 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	171100		
134	26.8	12.9	38.7	
91	23.3	12.4	37.4	





#87

1,3-Dichlorobenzene

Concen: 20.342 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059752.D

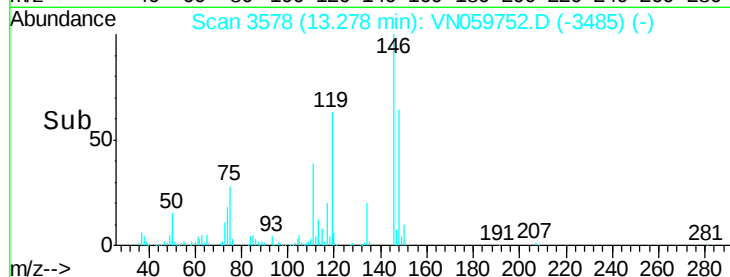
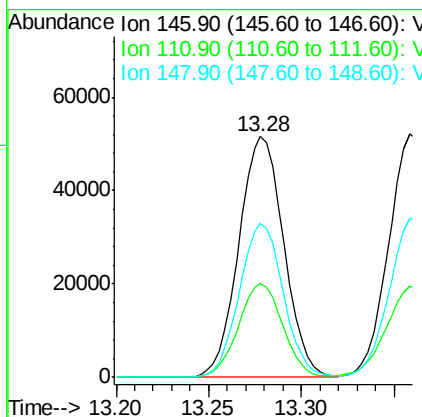
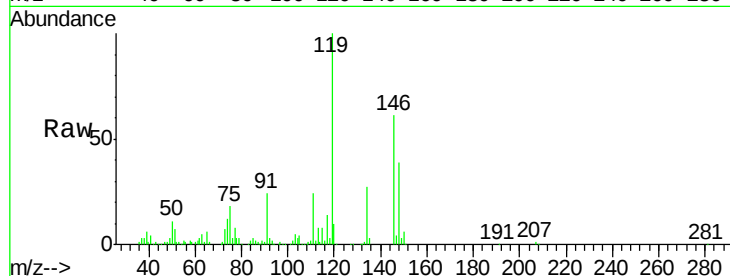
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.8	62.2
148	62.6	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 20.102 ug/l

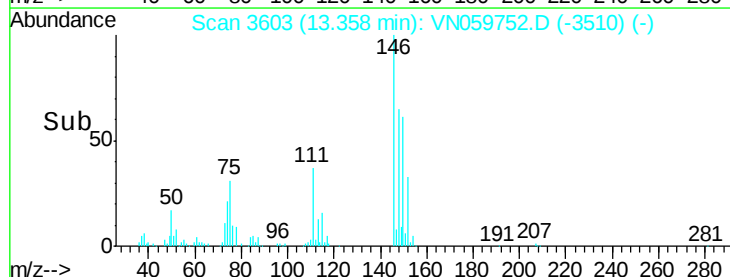
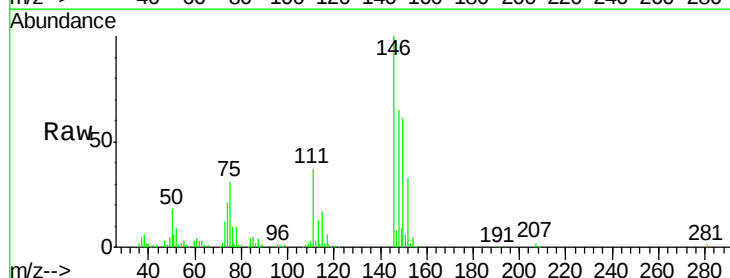
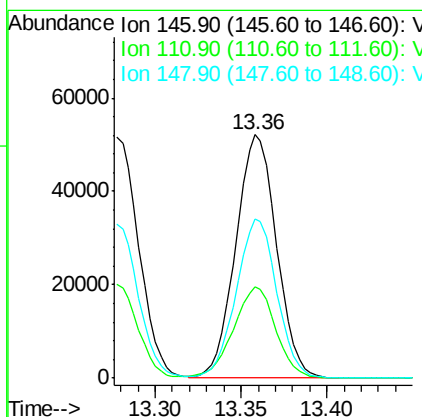
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.8	62.2
148	65.3	31.8	95.4





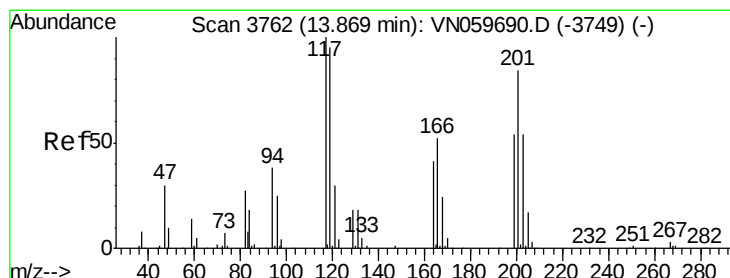
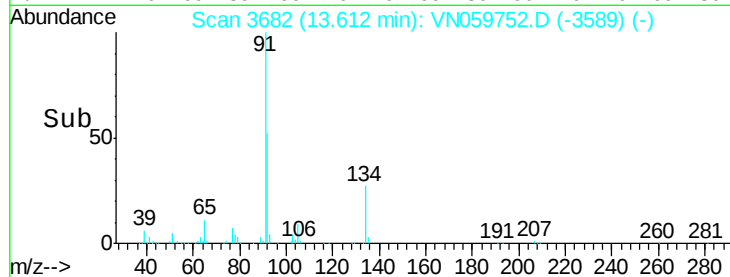
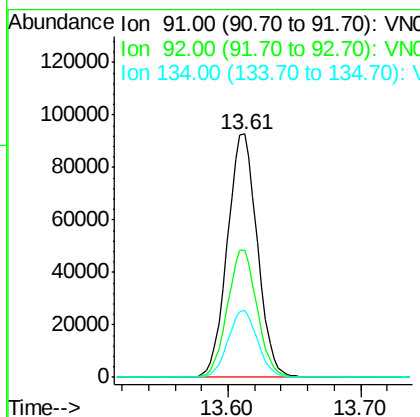
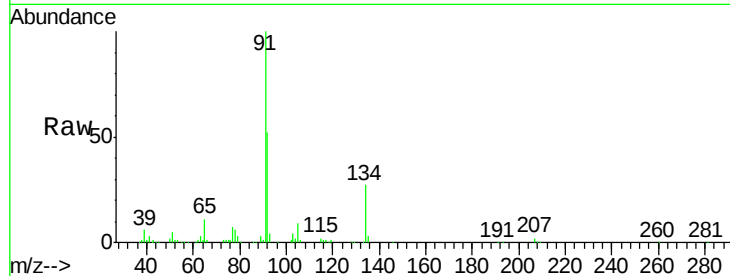
#89
n-Butylbenzene
Concen: 19.847 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.9	77.7
134	27.1	12.3	36.8

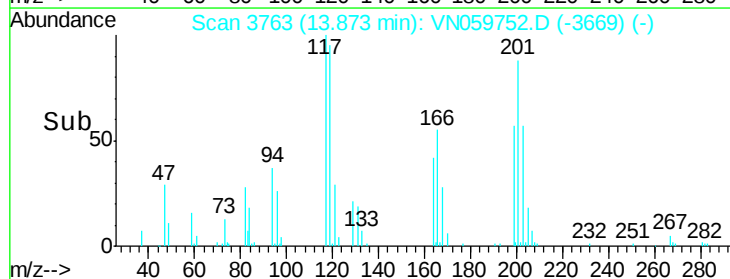
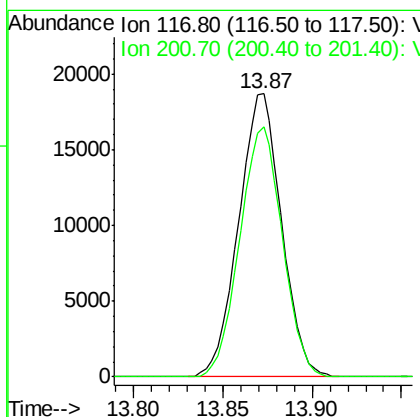
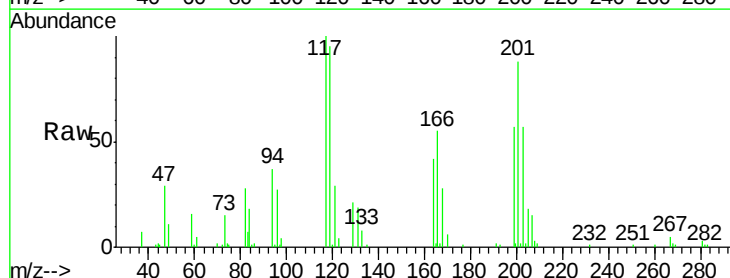
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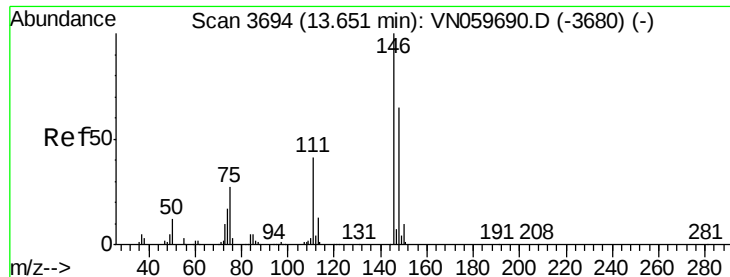
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#90
Hexachloroethane
Concen: 19.540 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 19.985 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Instrument :

MSVOA_N

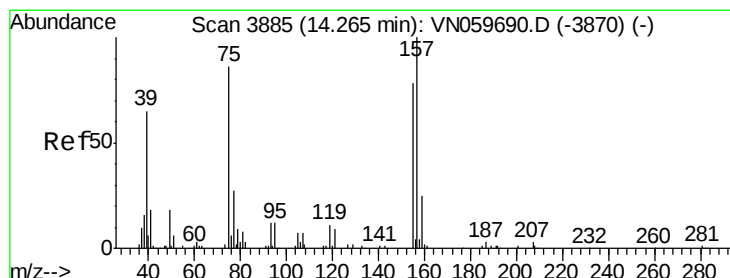
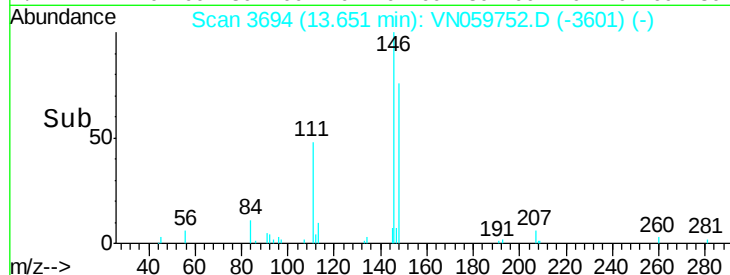
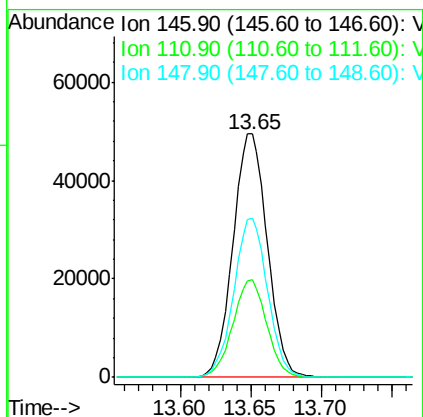
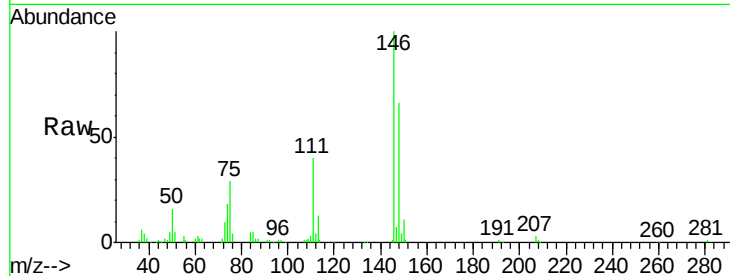
ClientSampleId :

VN0117WBS01

Tot Ion:	146	Resp:	84473
Ion Ratio	Lower	Upper	
146	100		
111	39.4	21.6	64.8
148	64.0	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.626 ug/l

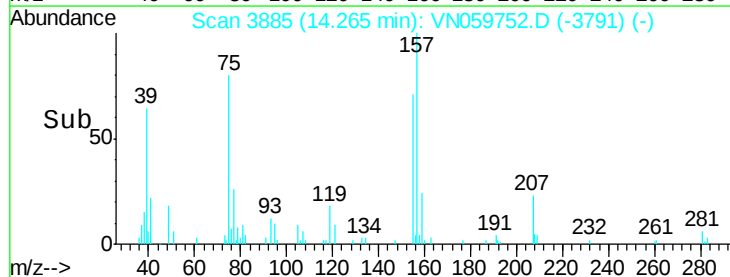
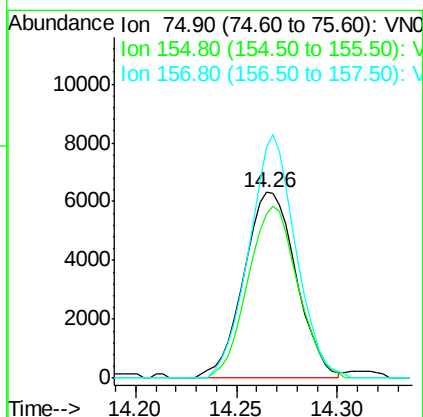
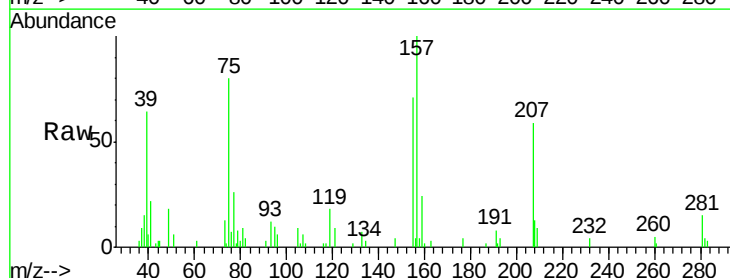
RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN059752.D

Acq: 17 Jan 2020 11:40

Tgt Ion:	75	Resp:	11478
Ion Ratio	Lower	Upper	
75	100		
155	87.9	37.0	110.9
157	116.4	48.4	145.2





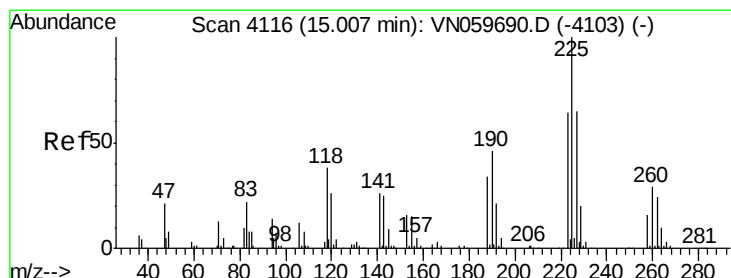
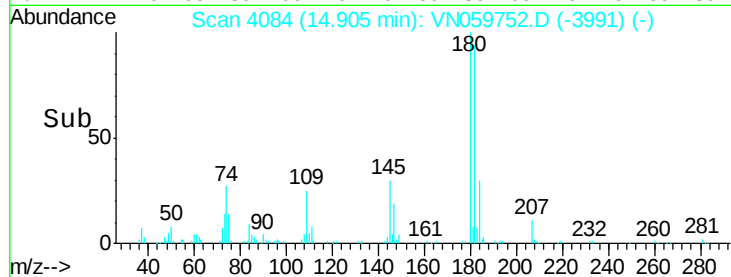
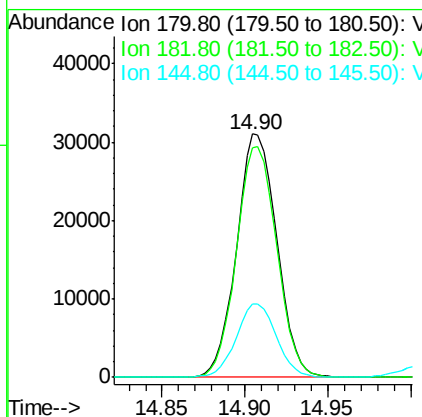
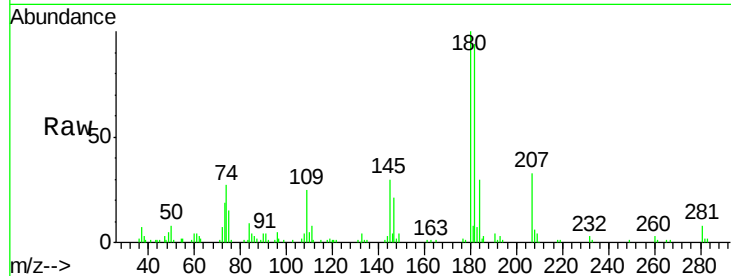
#93
 1,2,4-Trichlorobenzene
 Concen: 20.615 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.7
145	30.0	15.0	45.1

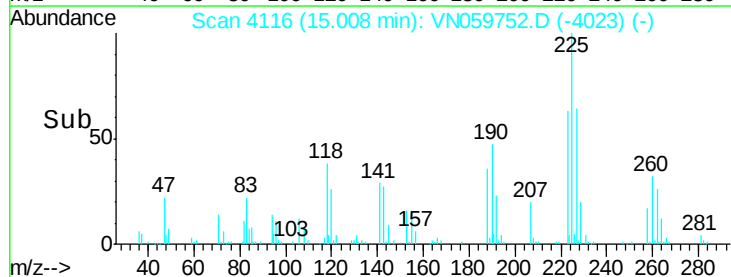
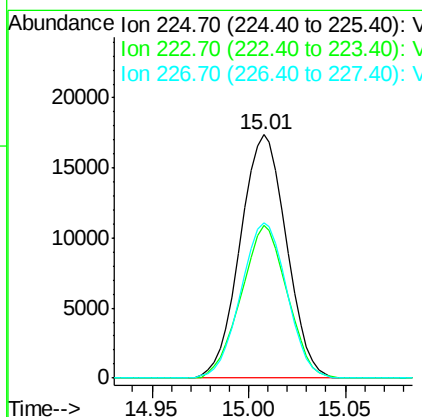
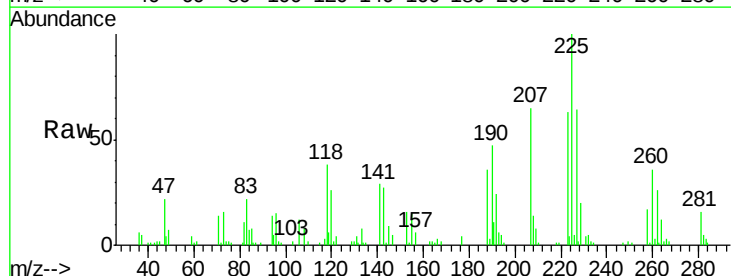
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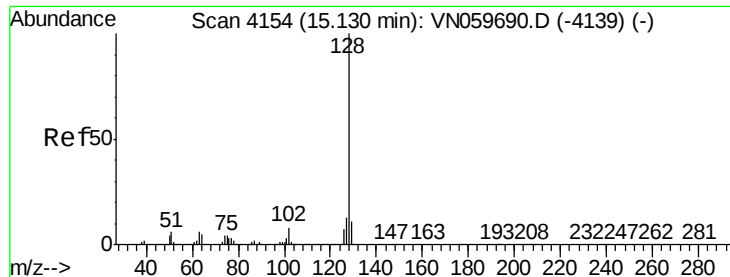
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#94
 Hexachlorobutadiene
 Concen: 20.666 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059752.D
 Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.8	95.3
227	63.6	32.1	96.5





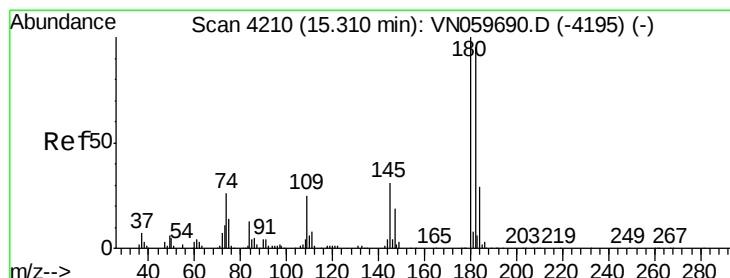
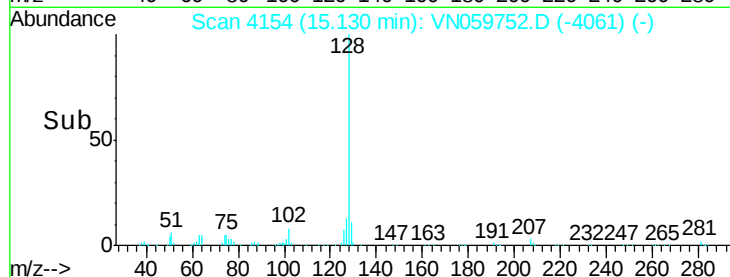
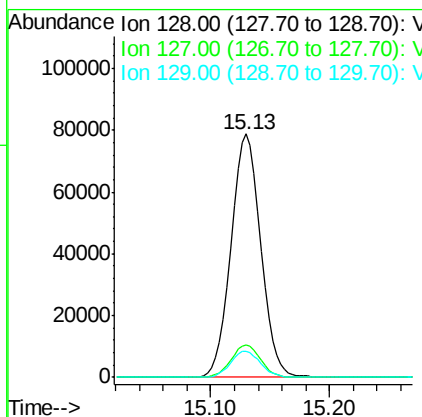
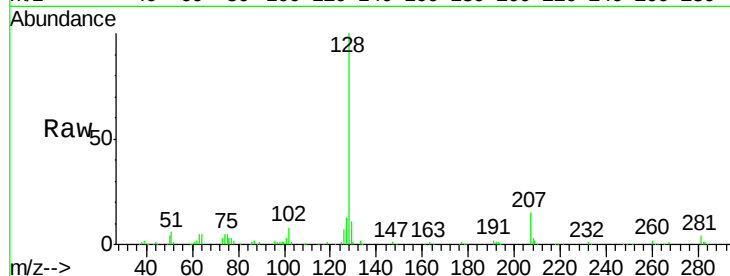
#95
Naphthalene
Concen: 18.873 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.7	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 20.465 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059752.D
Acq: 17 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.4	142.3
145	31.6	16.3	48.9

