

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059839.D
 Acq On : 24 Jan 2020 12:47
 Operator : JC/MD
 Sample : VN0124WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 11:15:40 AM

Quant Time: Jan 25 00:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	124128	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
35) Dibromofluoromethane	7.57	113	105499	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
50) Toluene-d8	10.08	98	395417	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	12.40	95	140278	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47936	19.660	ug/l	97
3) Chloromethane	2.04	50	45067	19.341	ug/l	99
4) Vinyl Chloride	2.17	62	57905	21.720	ug/l	99
5) Bromomethane	2.54	94	34260	21.057	ug/l	96
6) Chloroethane	2.68	64	27069	21.461	ug/l	98
7) Trichlorofluoromethane	3.00	101	68462	21.383	ug/l	99
8) Diethyl Ether	3.39	74	24162	21.504	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.74	101	39911	22.397	ug/l	93
10) Methyl Iodide	3.93	142	59096	20.517	ug/l	94
11) Tert butyl alcohol	4.73	59	40669	106.887	ug/l	99
12) 1,1-Dichloroethene	3.72	96	38045	20.432	ug/l	90
13) Acrolein	3.58	56	22953	85.220	ug/l	98
14) Allyl chloride	4.30	41	52204	20.800	ug/l #	86
15) Acrylonitrile	4.95	53	93158	107.335	ug/l	99
16) Acetone	3.78	43	101831	127.179	ug/l	96
17) Carbon Disulfide	4.03	76	98072	18.489	ug/l	99
18) Methyl Acetate	4.29	43	57299	21.704	ug/l #	90
19) Methyl tert-butyl Ether	5.01	73	133312	21.959	ug/l	92
20) Methylene Chloride	4.52	84	43905	20.713	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	40794	20.610	ug/l	86
22) Diisopropyl ether	5.92	45	120017	21.101	ug/l #	94
23) Vinyl Acetate	5.86	43	449763	102.135	ug/l #	94
24) 1,1-Dichloroethane	5.81	63	73939	21.276	ug/l	97
25) 2-Butanone	6.80	43	129814	101.424	ug/l	93
26) 2,2-Dichloropropane	6.80	77	71278	21.334	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	48563	21.332	ug/l	87
28) Bromochloromethane	7.17	49	28530	20.540	ug/l #	72
29) Tetrahydrofuran	7.18	42	80445	101.584	ug/l #	86
30) Chloroform	7.35	83	78709	21.859	ug/l	95
31) Cyclohexane	7.63	56	65760	19.665	ug/l	87
32) 1,1,1-Trichloroethane	7.55	97	71986	21.622	ug/l	95
36) 1,1-Dichloropropene	7.77	75	56214	20.362	ug/l	96
37) Ethyl Acetate	6.90	43	52367	20.224	ug/l	96
38) Carbon Tetrachloride	7.75	117	64568	21.500	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	68687	20.178	ug/l	90
40) Benzene	8.02	78	170725	20.735	ug/l	100
41) Methacrylonitrile	7.15	41	22108m	17.334	ug/l	
42) 1,2-Dichloroethane	8.10	62	60516	21.678	ug/l	96
43) Isopropyl Acetate	8.14	43	88425	19.854	ug/l #	95
44) Trichloroethene	8.82	130	49792	22.153	ug/l	91
45) 1,2-Dichloropropane	9.10	63	43160	21.184	ug/l	100
46) Dibromomethane	9.19	93	31351	21.814	ug/l	90
47) Bromodichloromethane	9.39	83	62663	21.636	ug/l	97
48) Methyl methacrylate	9.18	41	38870	19.512	ug/l	89
49) 1,4-Dioxane	9.18	88	16475	451.751	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	259370	100.742	ug/l	95
52) Toluene	10.14	92	109832	21.119	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	66974	20.710	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	71935	21.141	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	44114	21.417	ug/l	97
56) Ethyl methacrylate	10.42	69	63222	20.087	ug/l	91
57) 1,3-Dichloropropane	10.70	76	71110	21.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	119507	126.064	ug/l	90
59) 2-Hexanone	10.74	43	192490	101.486	ug/l	94
60) Dibromochloromethane	10.89	129	50589	21.568	ug/l	98
61) 1,2-Dibromoethane	10.99	107	46512	21.544	ug/l	98
64) Tetrachloroethene	10.62	164	53420	22.911	ug/l	94
65) Chlorobenzene	11.43	112	120011	21.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	47730	21.967	ug/l	98
67) Ethyl Benzene	11.50	91	212387	20.806	ug/l	97
68) m/p-Xylenes	11.62	106	163149	42.312	ug/l	93
69) o-Xylene	11.94	106	78994	20.926	ug/l	96
70) Styrene	11.96	104	127567	20.195	ug/l	97
71) Bromoform	12.12	173	37998	21.833	ug/l #	100
73) Isopropylbenzene	12.25	105	208794	21.347	ug/l	98
74) N-amyl acetate	12.07	43	73917	19.476	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	60547	21.353	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	55082m	24.542	ug/l	
77) Bromobenzene	12.52	156	54629	22.056	ug/l	80
78) n-propylbenzene	12.59	91	237757	21.658	ug/l	97
79) 2-Chlorotoluene	12.67	91	140350	21.490	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	178064	21.647	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	21302	20.383	ug/l	93
82) 4-Chlorotoluene	12.77	91	141619	21.620	ug/l	97
83) tert-Butylbenzene	12.99	119	154147	21.667	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	177298	21.787	ug/l	99
85) sec-Butylbenzene	13.17	105	201831	21.593	ug/l	100
86) p-Isopropyltoluene	13.28	119	184144	21.291	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	93093	21.637	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	91768	21.380	ug/l	97
89) n-Butylbenzene	13.61	91	153186	20.773	ug/l	98
90) Hexachloroethane	13.87	117	33771	20.870	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	92444	21.734	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12880	19.906	ug/l	84

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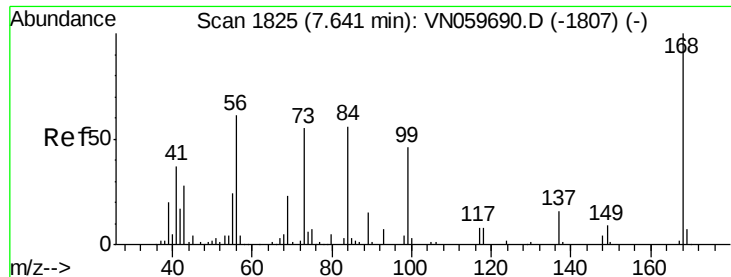
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52376	20.493	ug/l	99
94) Hexachlorobutadiene	15.01	225	29715	21.098	ug/l	99
95) Naphthalene	15.13	128	139575	19.199	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50927	20.471	ug/l	98

(#) = 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

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

Tot Ion:168 Resp: 203522

Ion Ratio Lower Upper

168 100

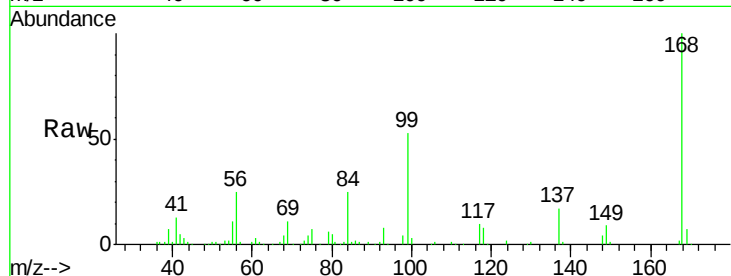
99 52.9 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

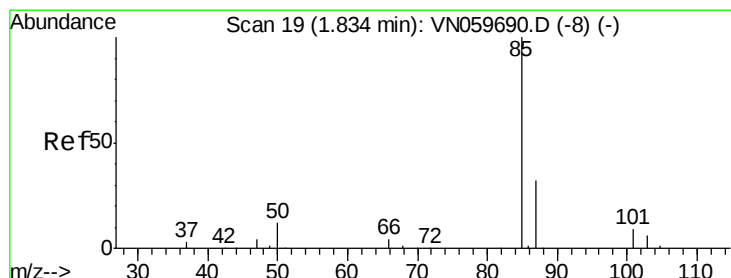
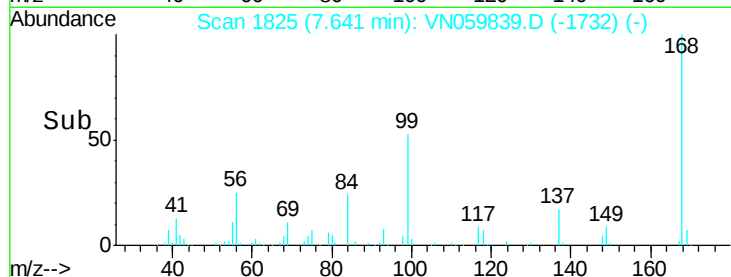
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 19.660 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059839.D

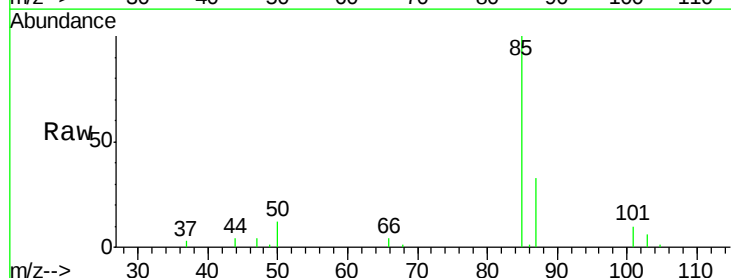
Acq: 24 Jan 2020 12:47

Tgt Ion: 85 Resp: 47936

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

40000

30000

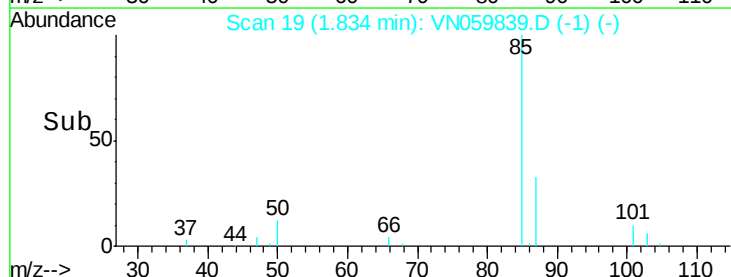
20000

10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.341 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

Tot Ion: 50 Resp: 45067

Ion Ratio Lower Upper

50 100

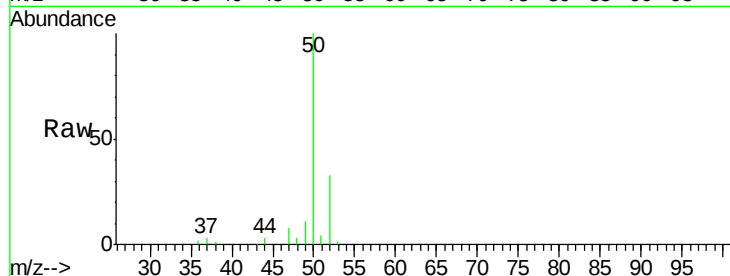
52 32.8 25.9 38.9

Manual Integrations

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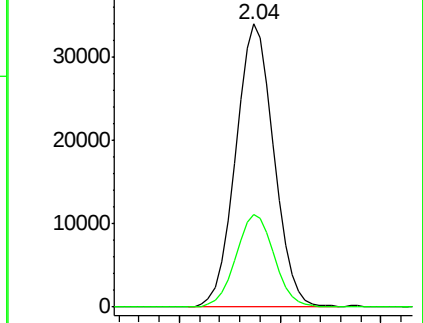
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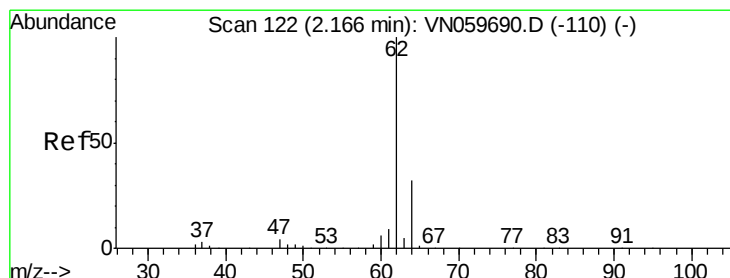
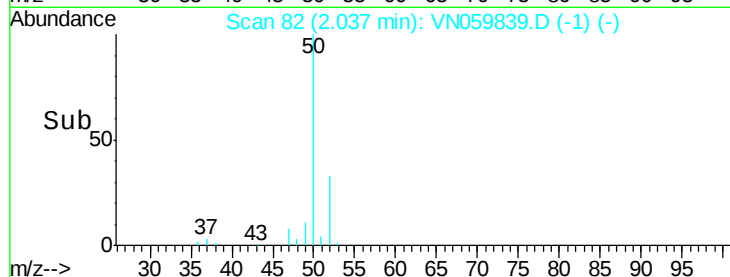


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



Time-->



#4

Vinyl Chloride

Concen: 21.720 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059839.D

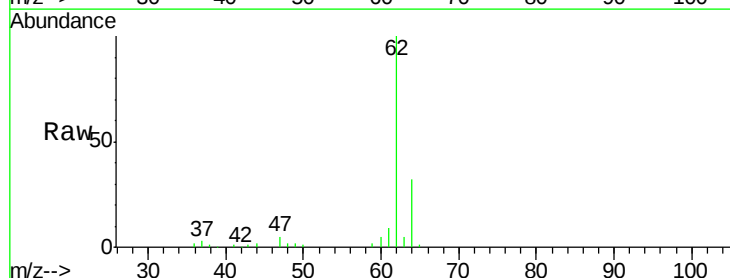
Acq: 24 Jan 2020 12:47

Tgt Ion: 62 Resp: 57905

Ion Ratio Lower Upper

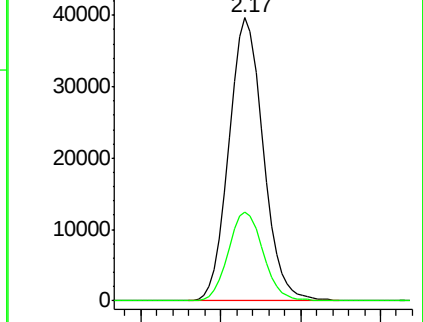
62 100

64 31.6 24.6 37.0

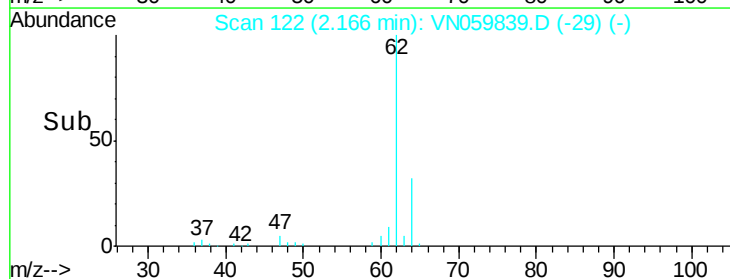


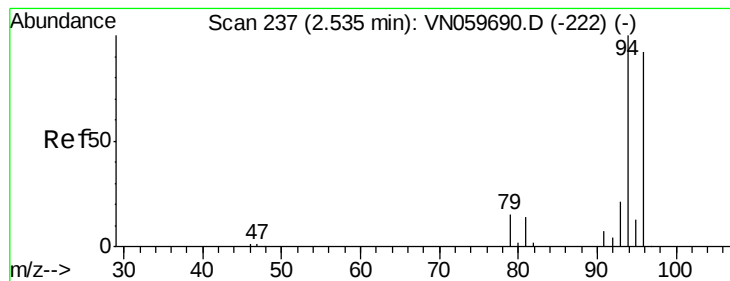
Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->





#5

Bromomethane

Concen: 21.057 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampled :

VN0124WBSD01

Tot Ion: 94 Resp: 34260

Ion Ratio Lower Upper

94 100

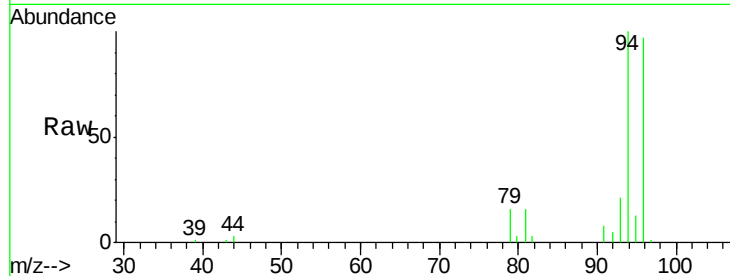
96 97.4 74.7 112.1

Manual Integrations

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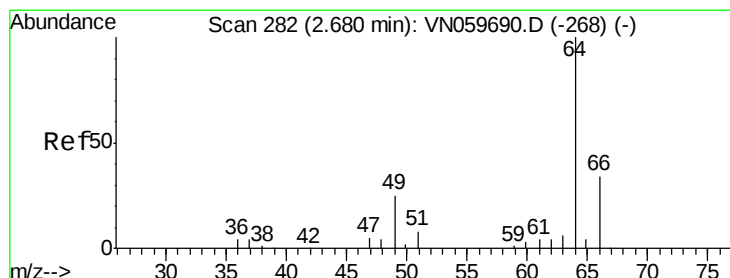
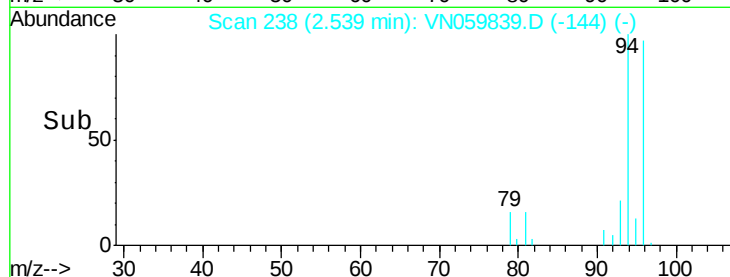
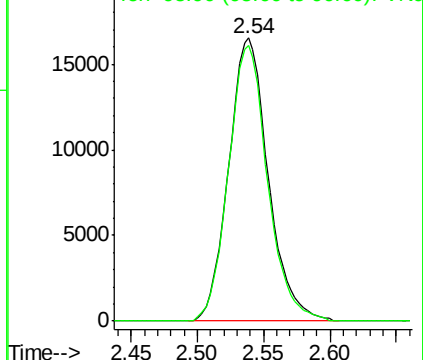
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 21.461 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059839.D

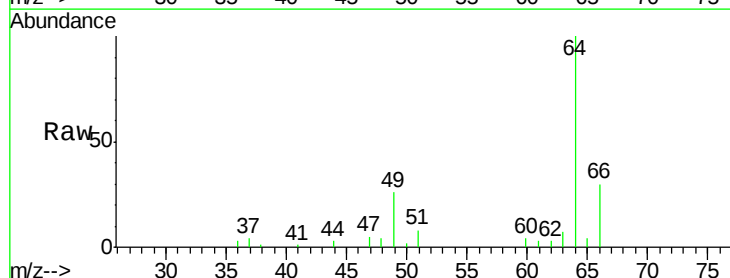
Acq: 24 Jan 2020 12:47

Tgt Ion: 64 Resp: 27069

Ion Ratio Lower Upper

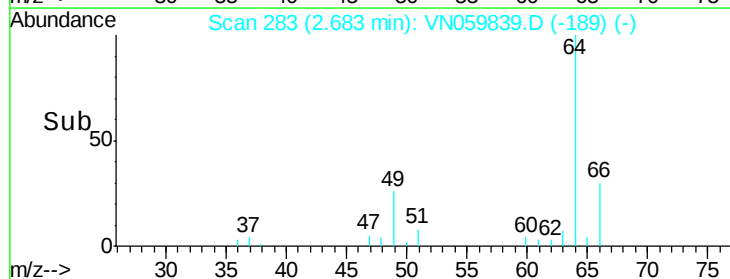
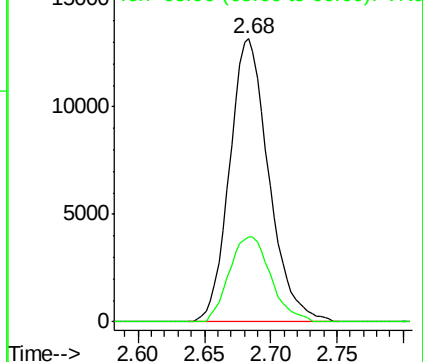
64 100

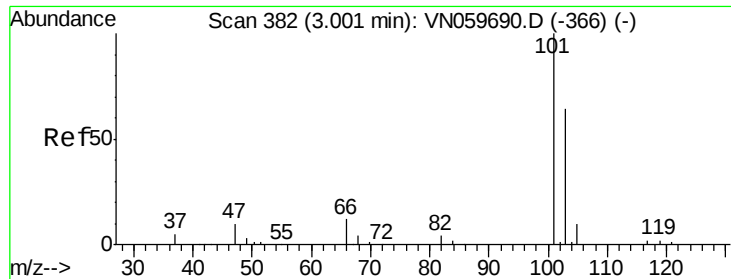
66 30.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

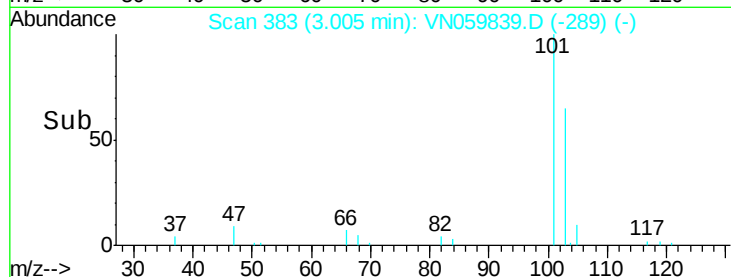
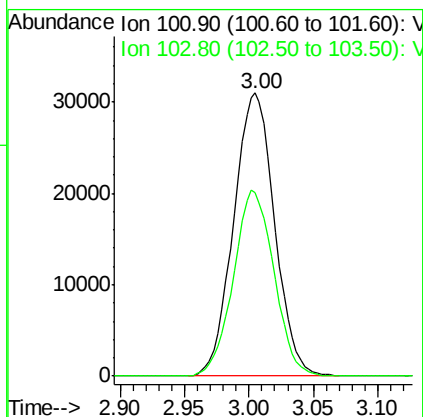
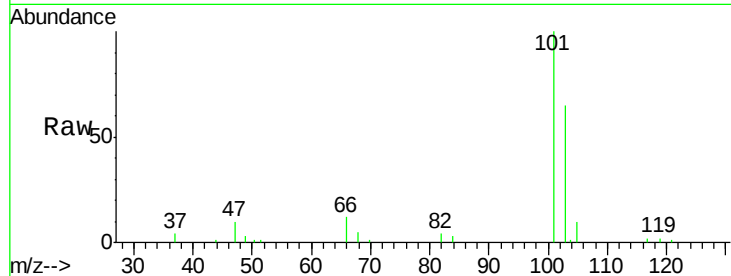
Trichlorofluoromethane
Concen: 21.383 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
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ClientSampleId :
VN0124WBSD01

Tot Ion:101 Resp: 68462
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

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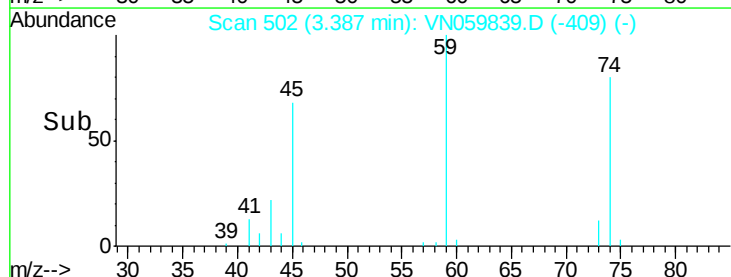
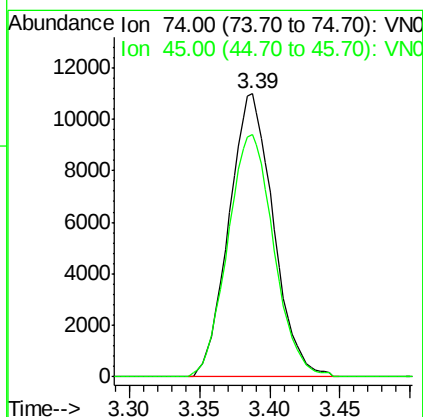
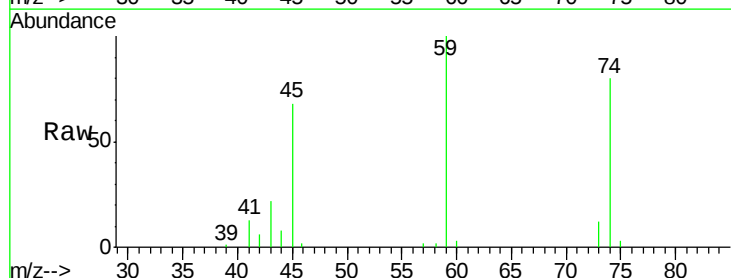
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1/27/2020 11:15:40 AM



#8

Diethyl Ether
Concen: 21.504 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion: 74 Resp: 24162
Ion Ratio Lower Upper
74 100
45 88.9 51.9 155.8





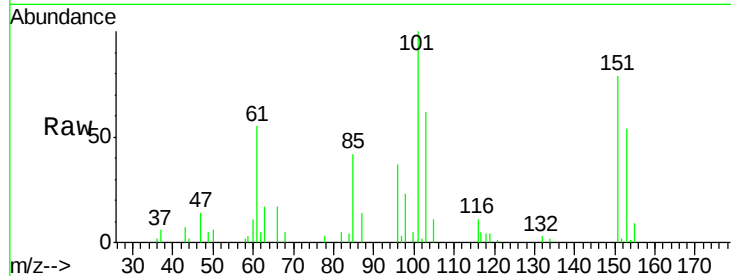
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.397 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN059839.D
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Instrument :
MSVOA_N
ClientSampled :
VN0124WBSD01

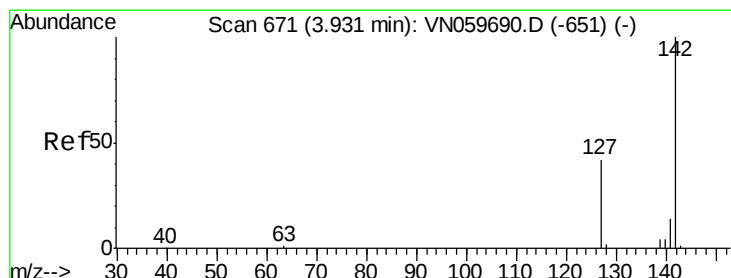
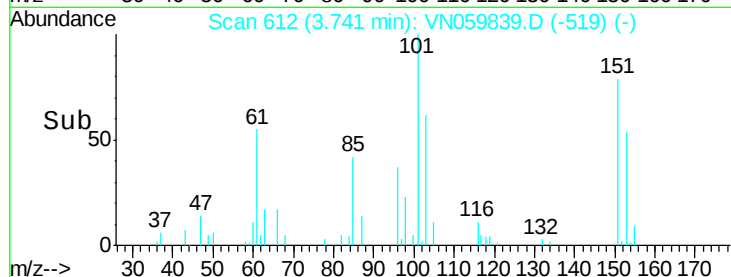
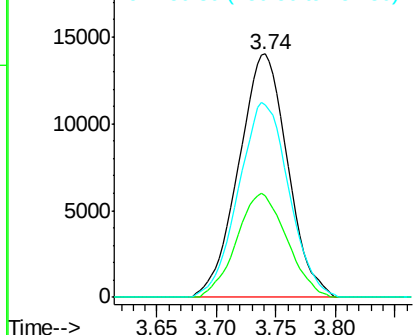
Tot Ion	Ratio	Resp	Lower	Upper
101	100	39911		
85	43.9	36.6	54.8	
151	82.5	59.7	89.5	

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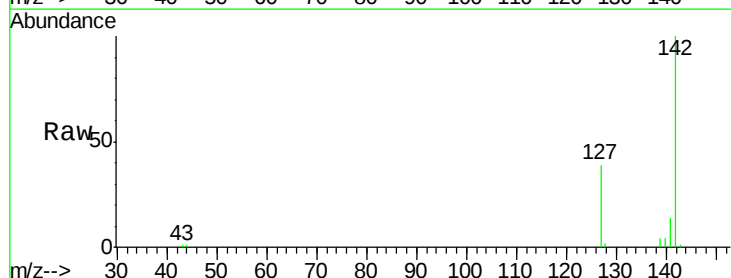


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

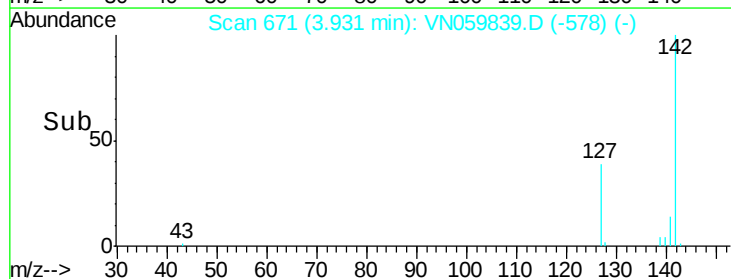
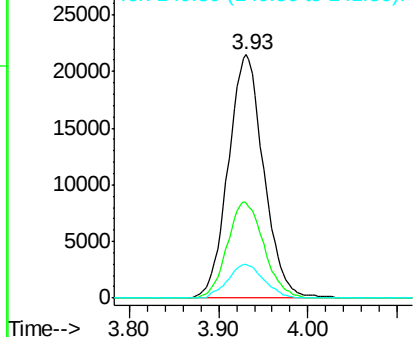


#10
Methyl Iodide
Concen: 20.517 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	59096		
127	40.5	36.7	55.1	
141	14.1	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





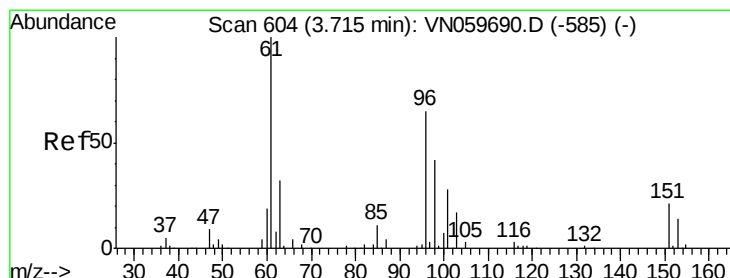
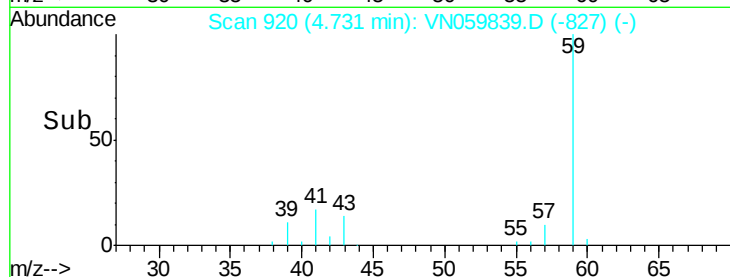
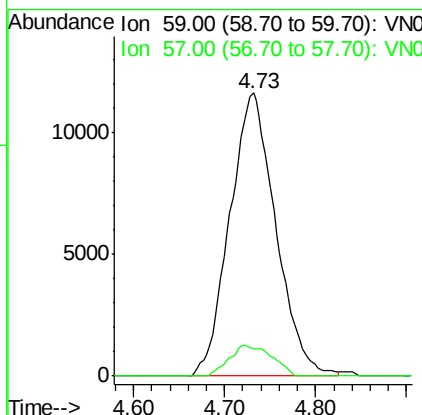
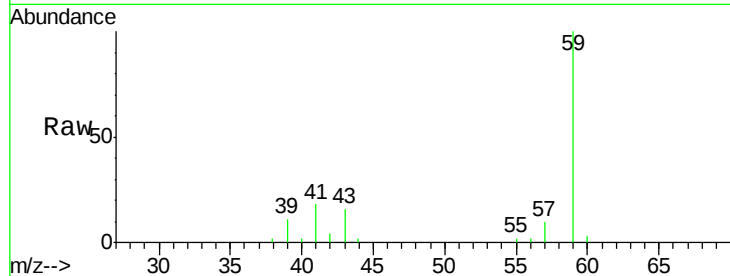
#11
Tert butyl alcohol
Concen: 106.887 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion: 59 Resp: 40669
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8

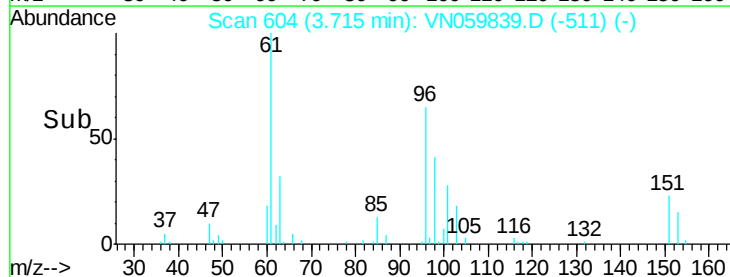
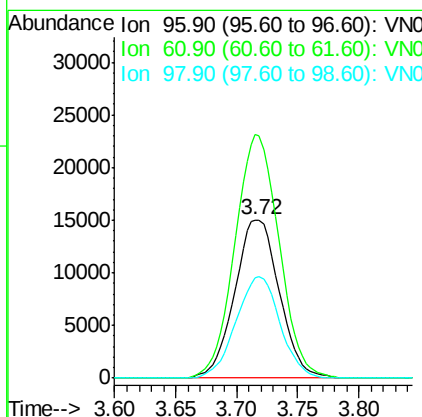
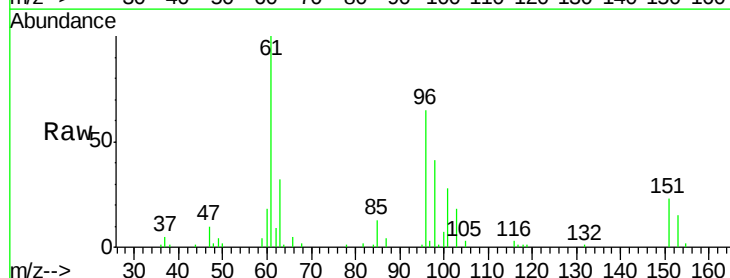
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 20.432 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion: 96 Resp: 38045
Ion Ratio Lower Upper
96 100
61 153.7 137.5 206.3
98 62.9 50.2 75.4





#13

Acrolein

Concen: 85.220 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampled :

VN0124WBSD01

Tot Ion: 56 Resp: 22953

Ion Ratio Lower Upper

56 100

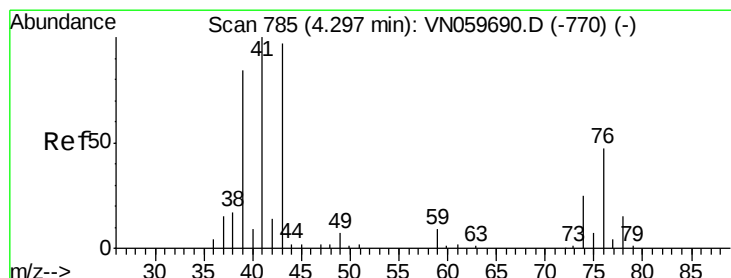
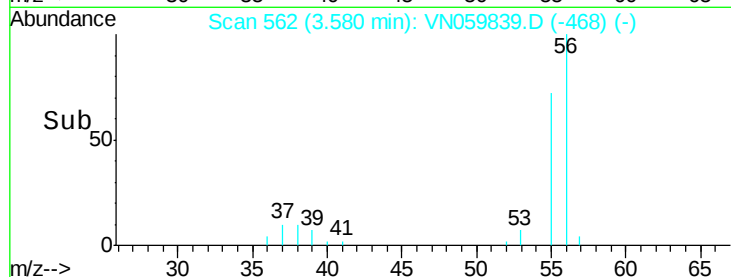
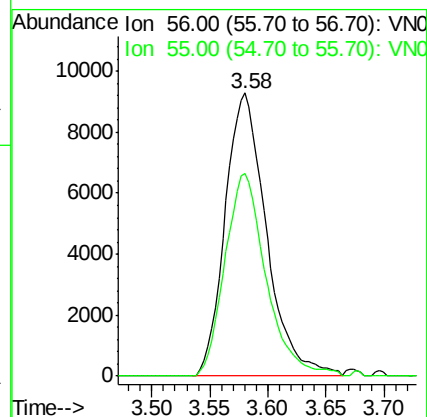
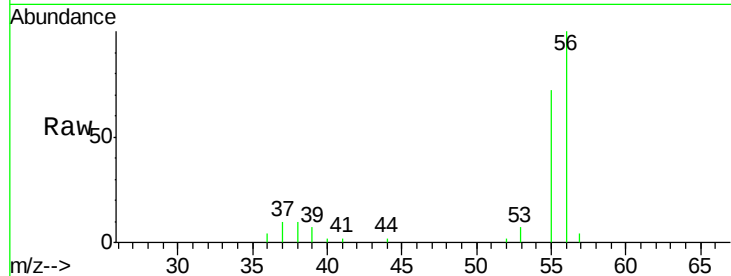
55 71.4 58.6 88.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.800 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

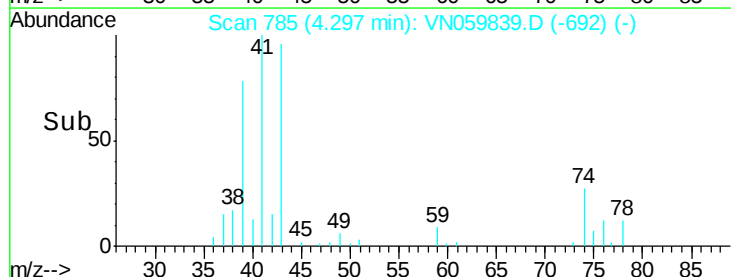
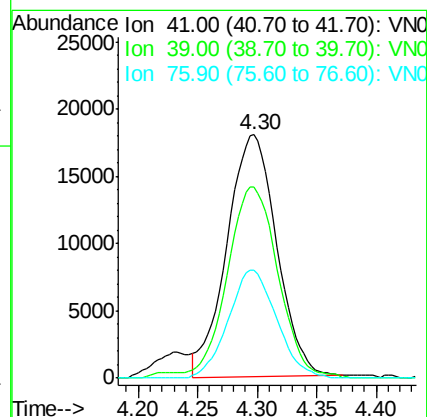
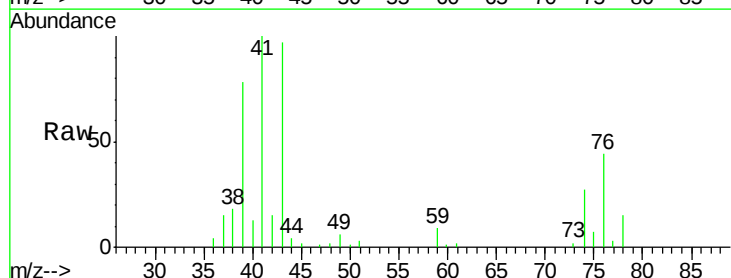
Tgt Ion: 41 Resp: 52204

Ion Ratio Lower Upper

41 100

39 81.9 57.8 86.8

76 43.3 25.4 38.0#





#15

Acrylonitrile

Concen: 107.335 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

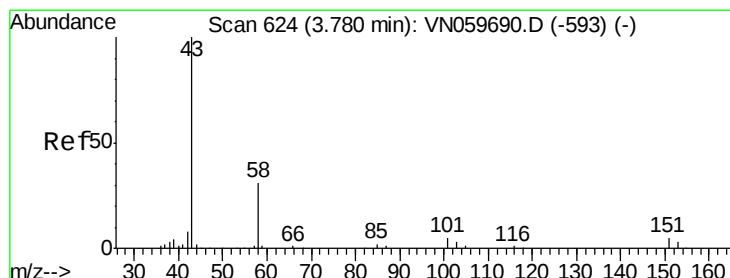
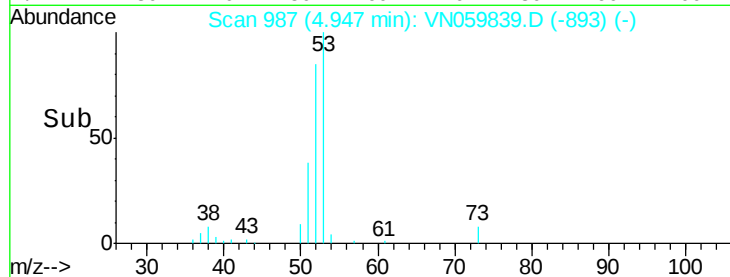
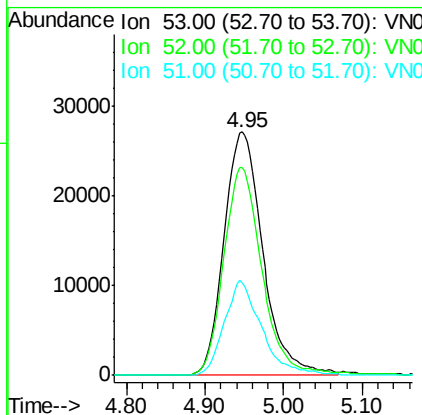
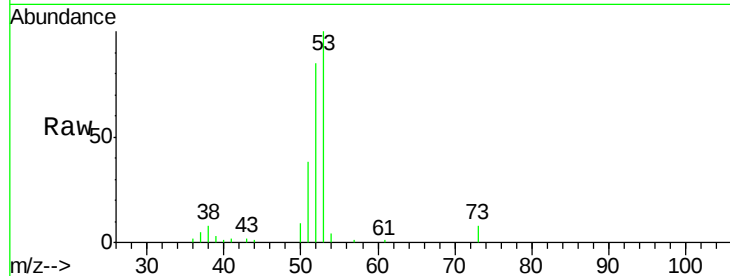
ClientSampleId :

VN0124WBSD01

Tot Ion:	53	Resp:	93158
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.3	99.5
51	37.4	29.7	44.5

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#16

Acetone

Concen: 127.179 ug/l

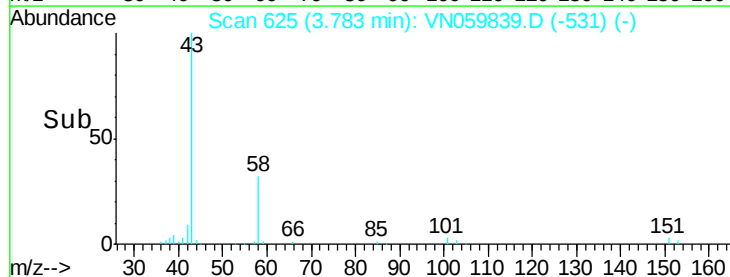
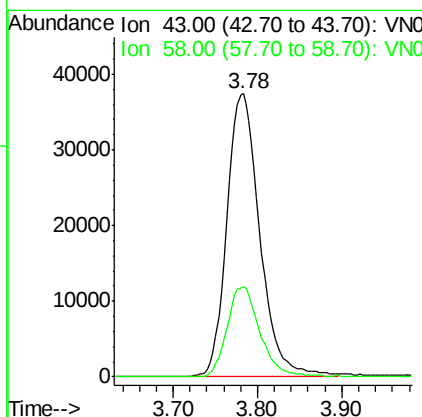
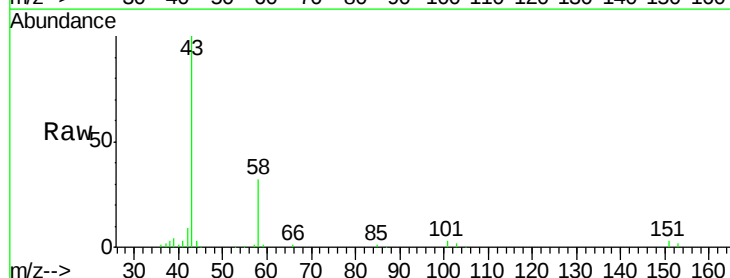
RT: 3.78 min Scan# 625

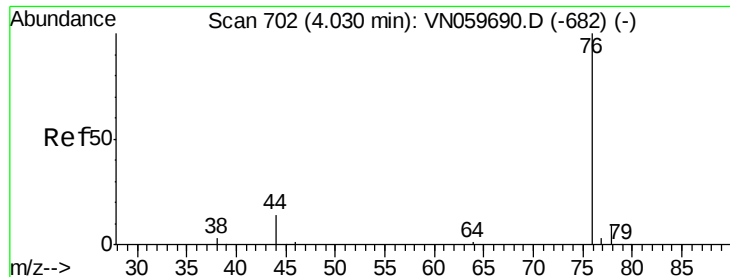
Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion:	43	Resp:	101831
Ion Ratio	Lower	Upper	
43	100		
58	31.8	23.6	35.4





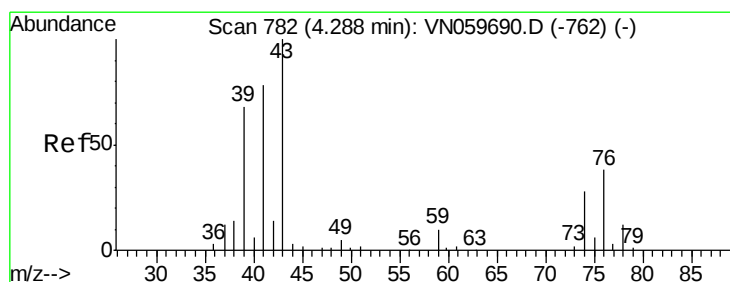
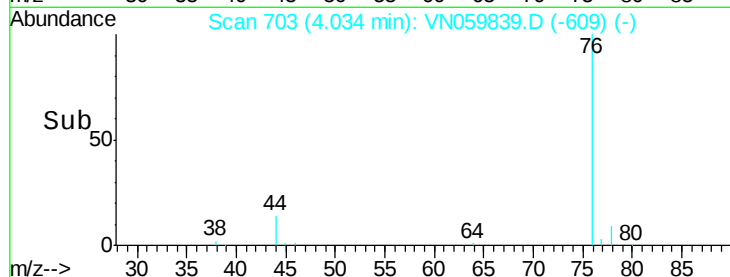
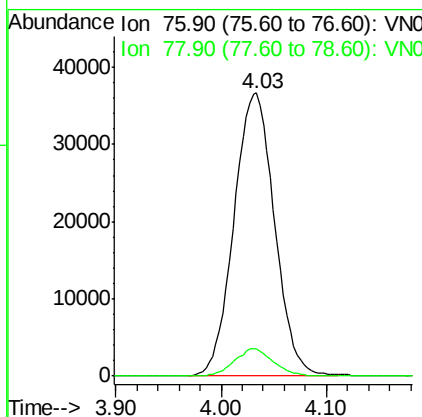
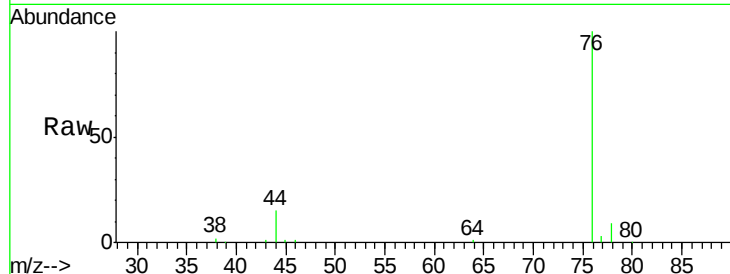
#17
Carbon Disulfide
Concen: 18.489 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion: 76 Resp: 98072
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

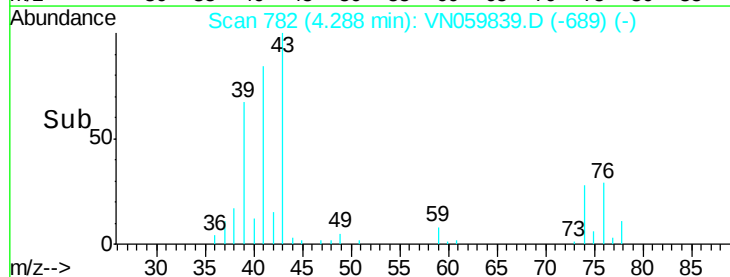
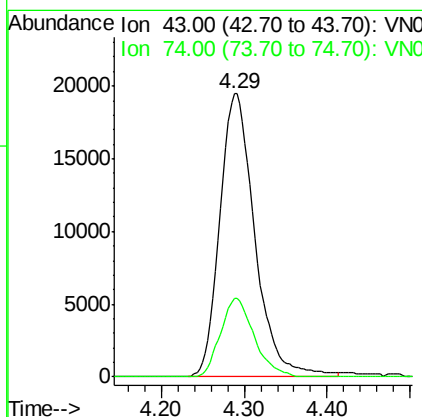
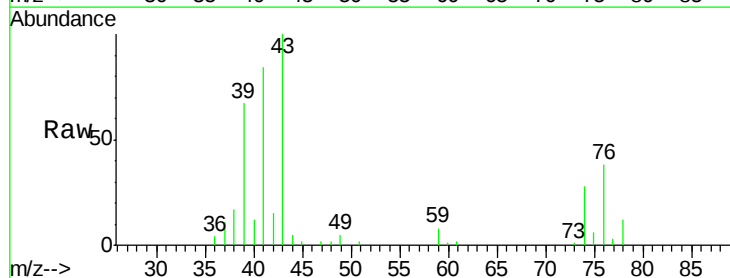
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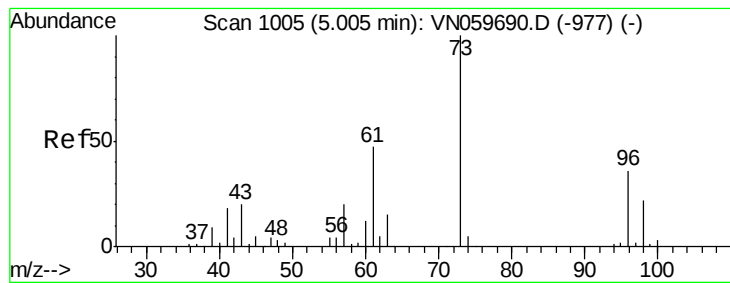
MMDadoda
1/27/2020 11:15:40 AM



#18
Methyl Acetate
Concen: 21.704 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion: 43 Resp: 57299
Ion Ratio Lower Upper
43 100
74 26.6 17.5 26.3#





#19

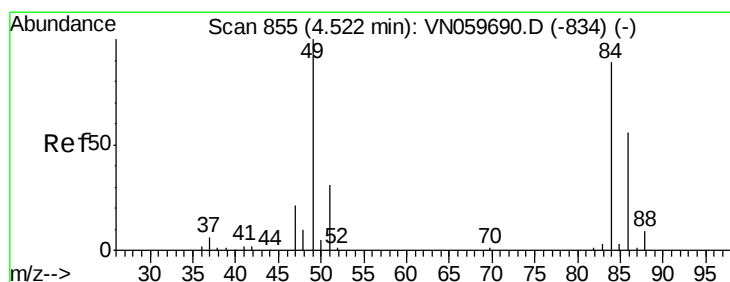
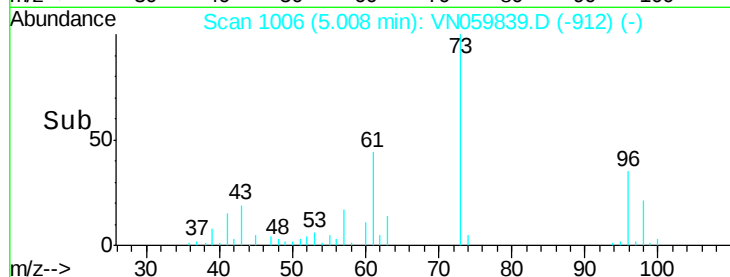
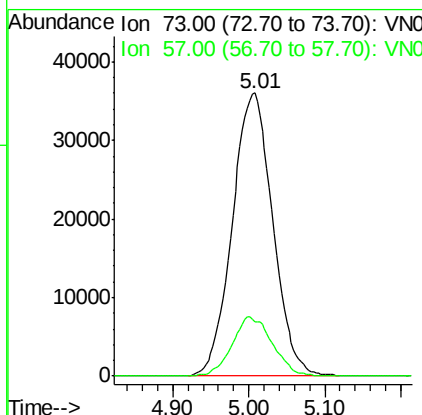
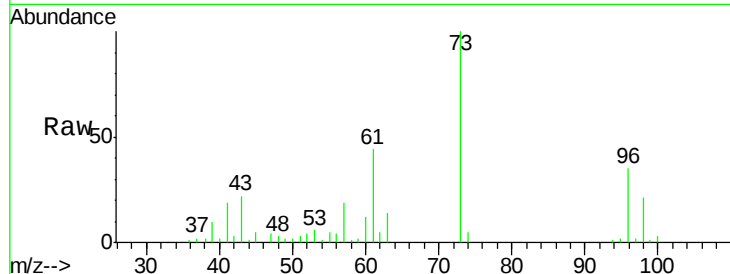
Methyl tert-butyl Ether
 Concen: 21.959 ug/l
 RT: 5.01 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.2	18.6	27.8

Manual Integrations
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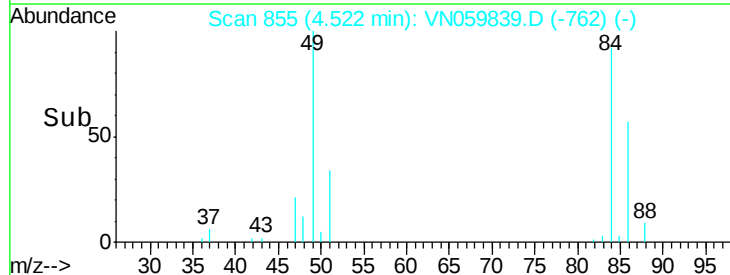
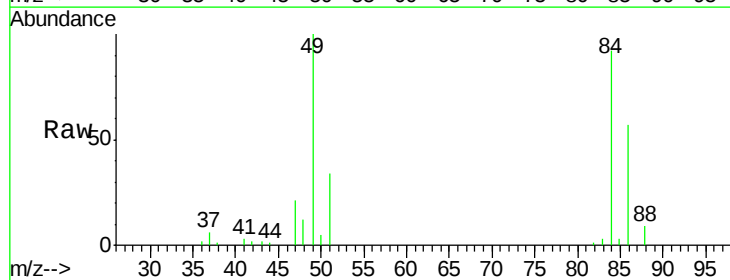
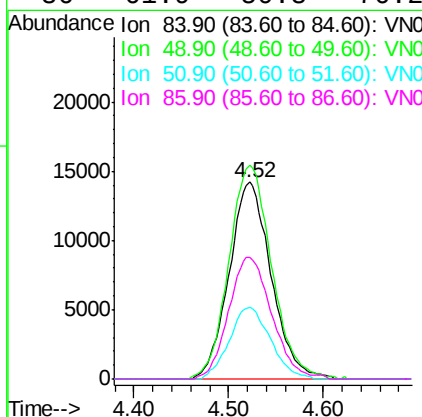
MMDadoda
 1/27/2020 11:15:40 AM

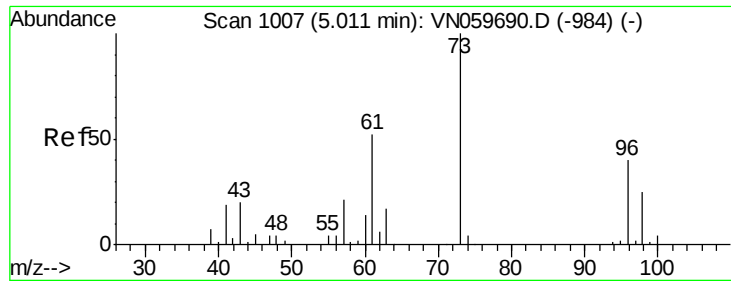


#20

Methylene Chloride
 Concen: 20.713 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.5	106.6	160.0
51	36.5	31.9	47.9
86	61.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 20.610 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

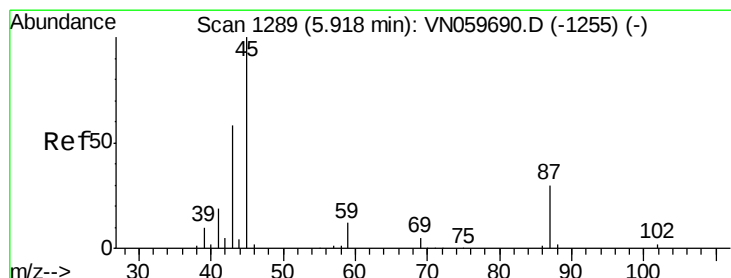
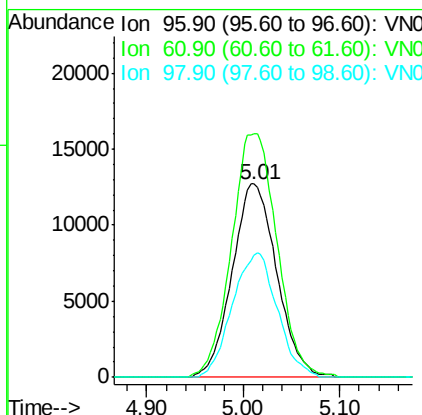
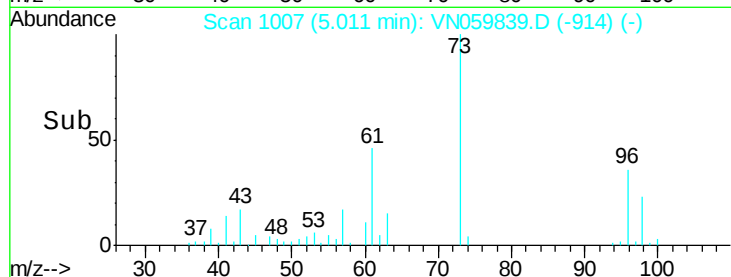
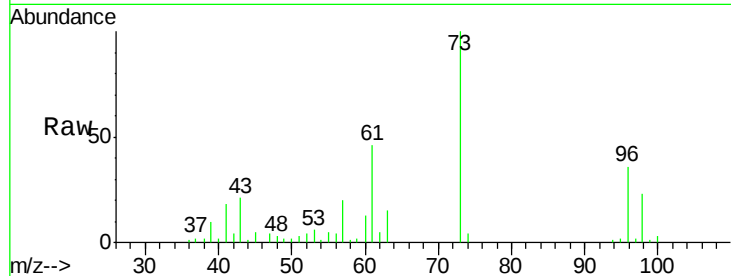
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion: 96 Resp: 40794

Ion	Ratio	Lower	Upper
96	100		
61	125.8	120.4	180.6
98	62.8	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.101 ug/l

RT: 5.92 min Scan# 1289

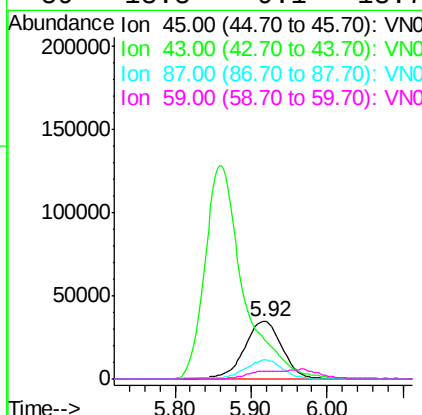
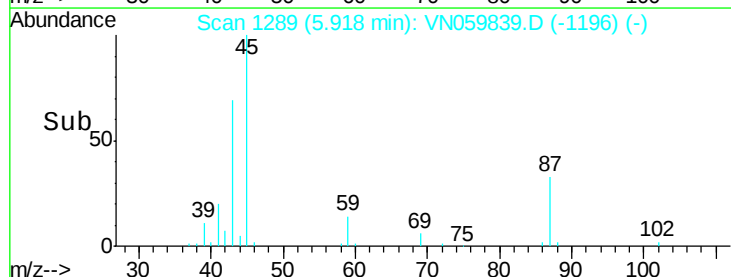
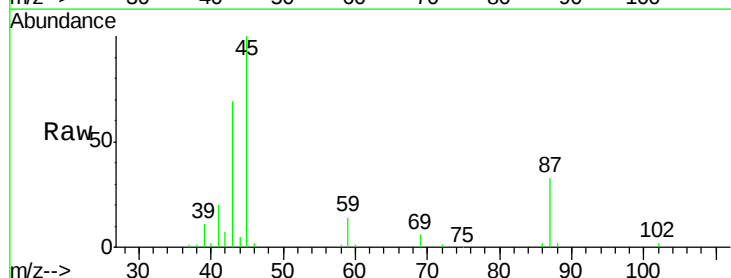
Delta R.T. 0.00 min

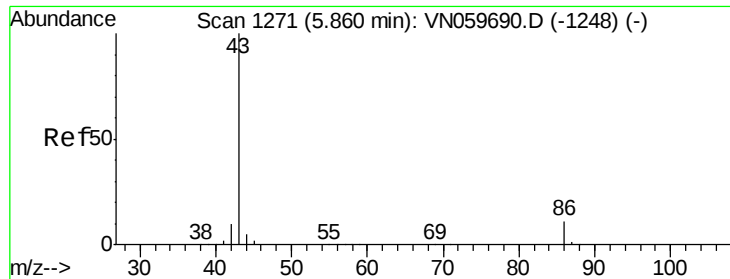
Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion: 45 Resp: 120017

Ion	Ratio	Lower	Upper
45	100		
43	66.0	50.8	76.2
87	32.8	21.0	31.6#
59	13.8	9.1	13.7#





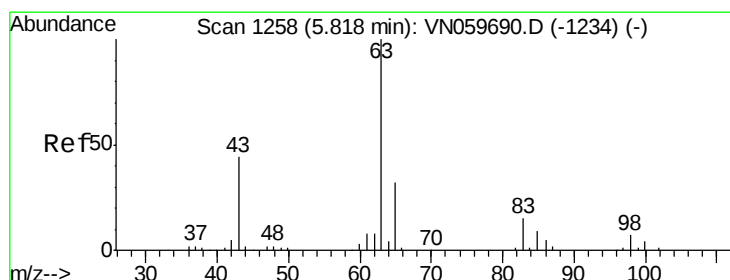
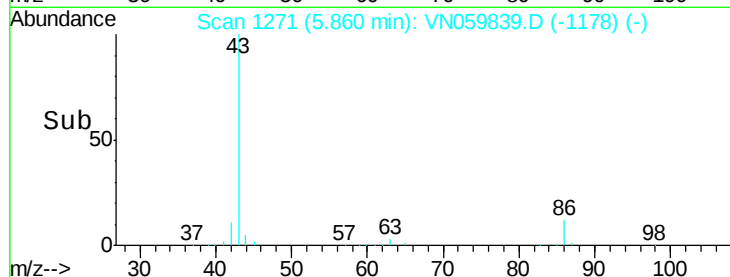
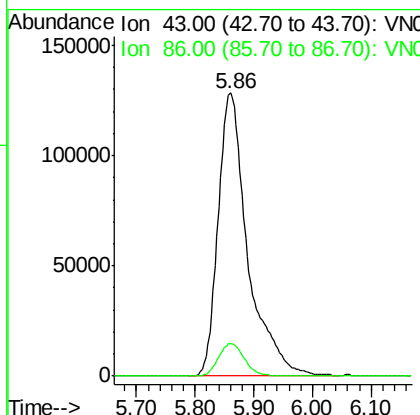
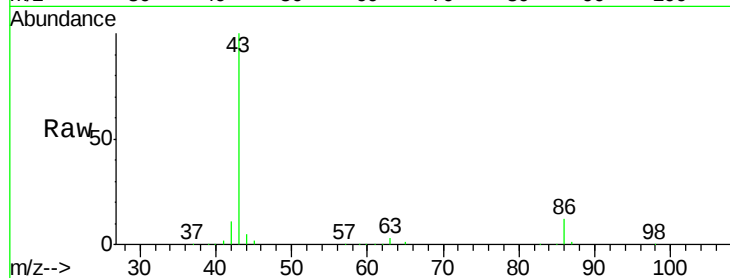
#23
 Vinyl Acetate
 Concen: 102.135 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tot Ion: 43 Resp: 449763
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.6 11.4#

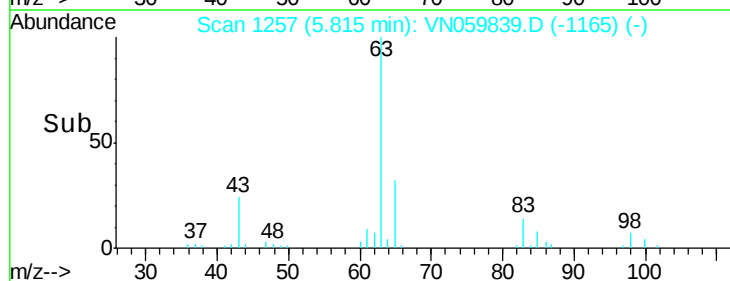
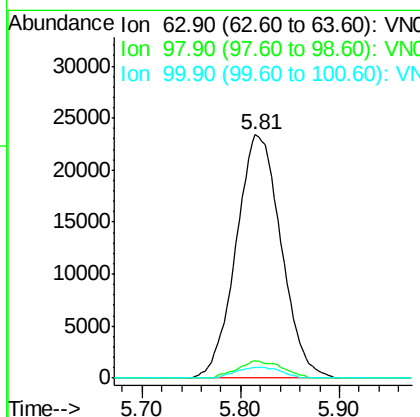
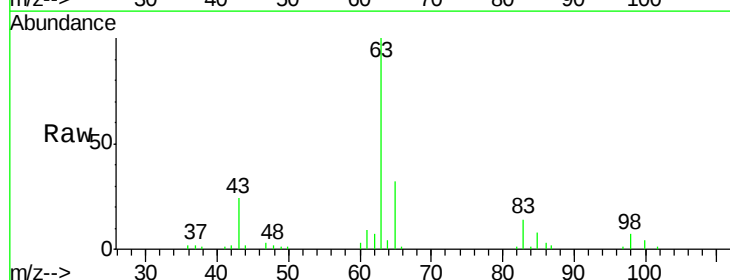
Manual Integrations
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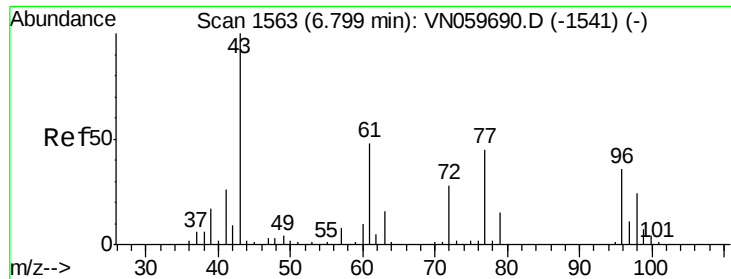
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#24
 1,1-Dichloroethane
 Concen: 21.276 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Tgt Ion: 63 Resp: 73939
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.7
 100 4.4 2.0 6.0





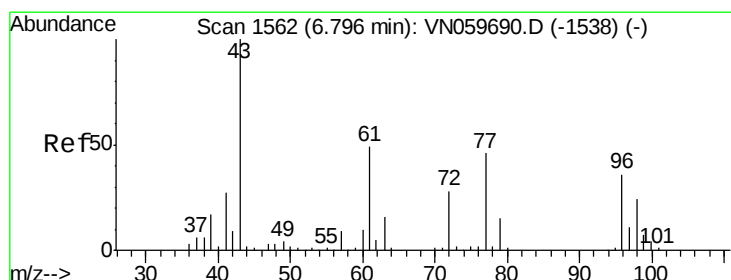
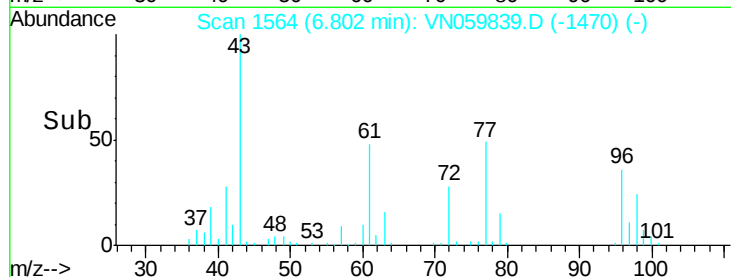
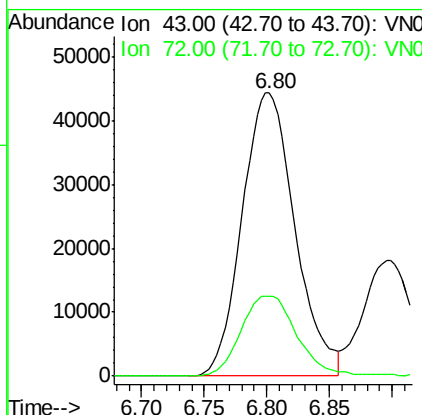
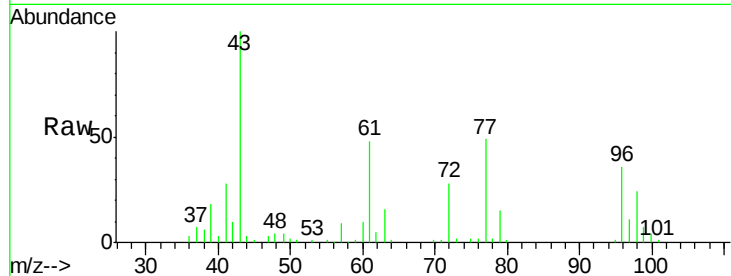
#25
2-Butanone
Concen: 101.424 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion: 43 Resp: 129814
Ion Ratio Lower Upper
43 100
72 28.4 19.9 29.9

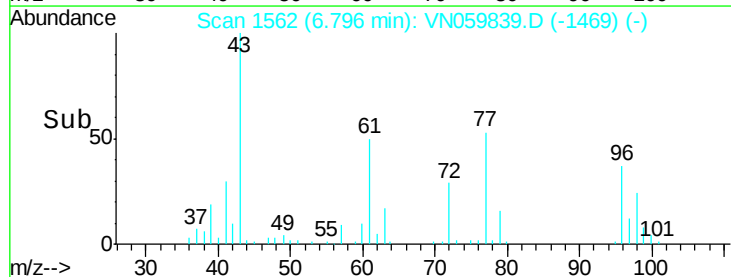
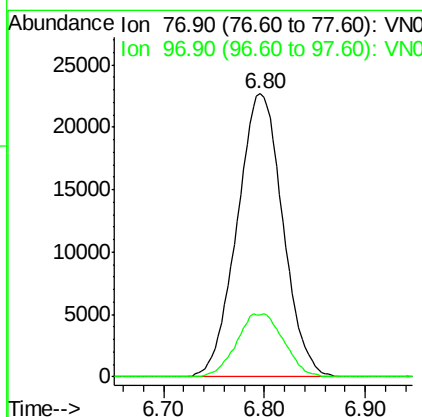
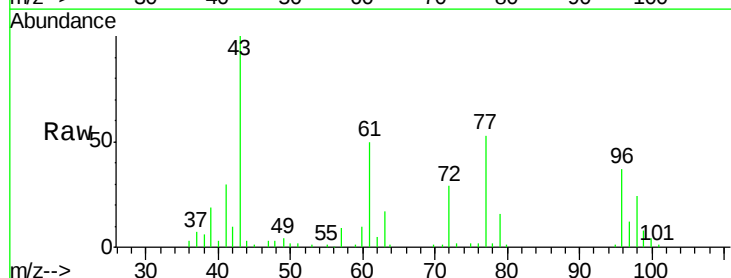
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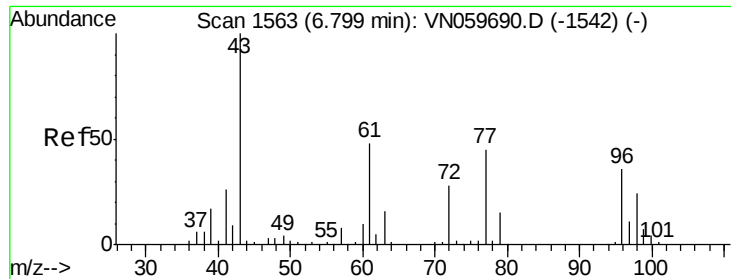
MMDadoda
1/27/2020 11:15:40 AM



#26
2,2-Dichloropropane
Concen: 21.334 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion: 77 Resp: 71278
Ion Ratio Lower Upper
77 100
97 23.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 21.332 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

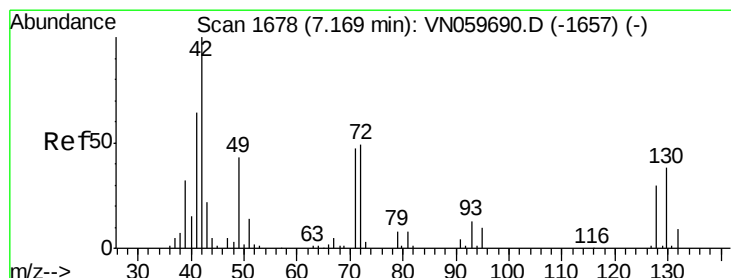
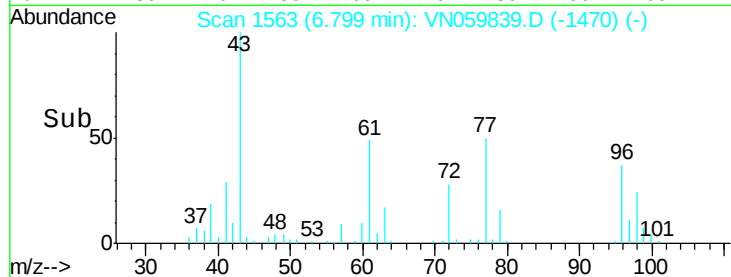
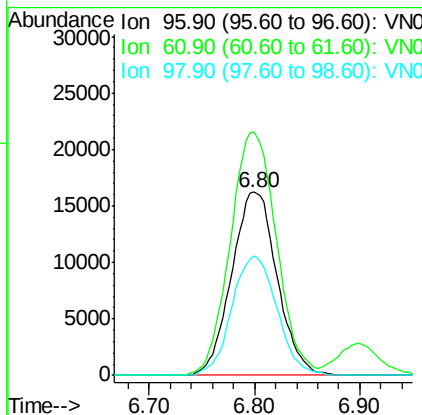
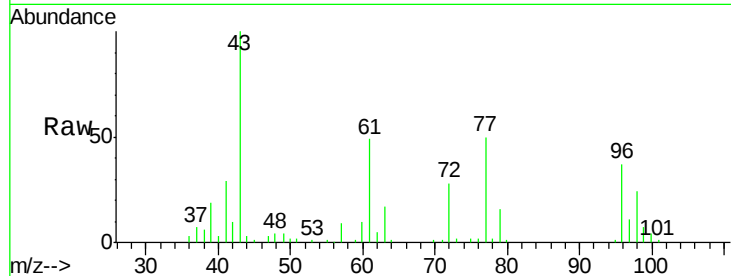
ClientSampleId :

VN0124WBSD01

Tot Ion:	96	Resp:	48563
Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	317.6
98	64.4	0.0	127.0

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#28

Bromochloromethane

Concen: 20.540 ug/l

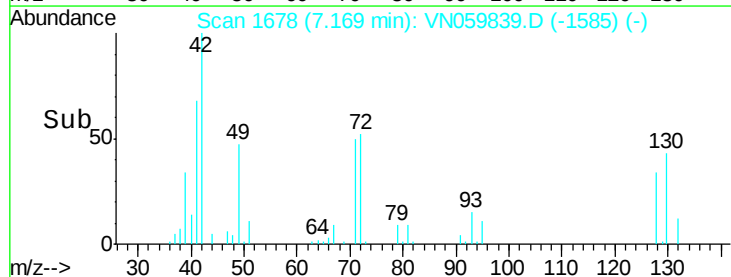
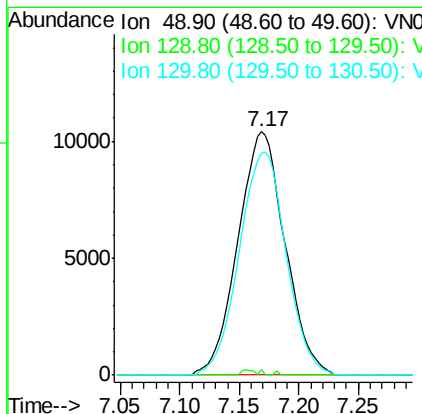
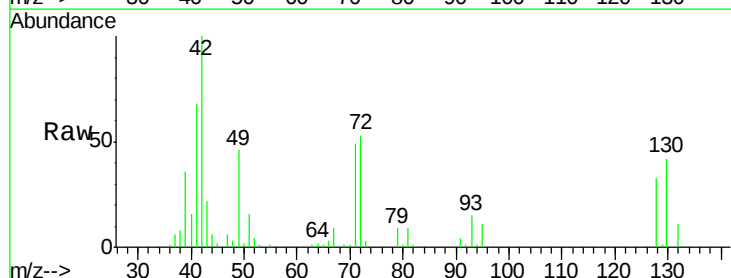
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion:	49	Resp:	28530
Ion	Ratio	Lower	Upper
49	100		
129	0.1	0.0	3.4
130	91.2	54.7	82.1#





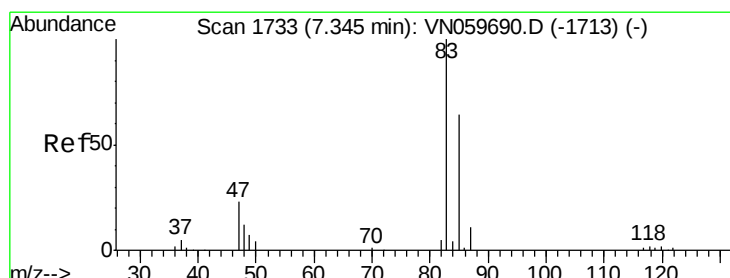
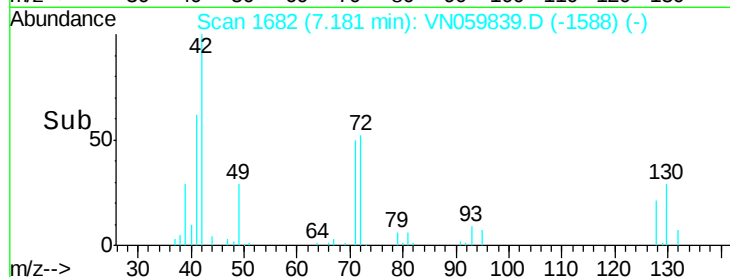
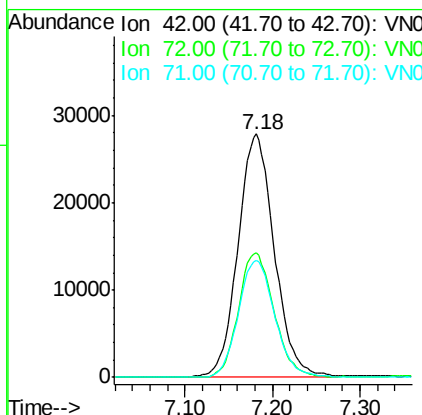
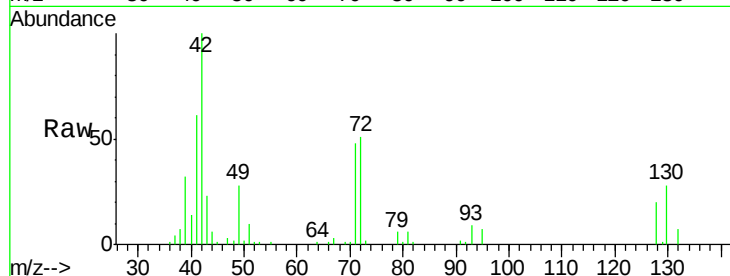
#29
Tetrahydrofuran
Concen: 101.584 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampled :
VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	33.1	49.7#
71	48.0	31.4	47.0#

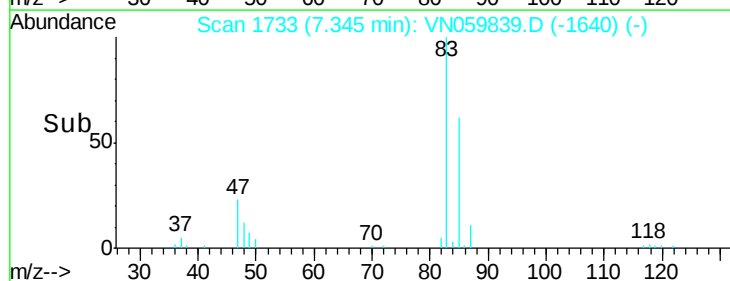
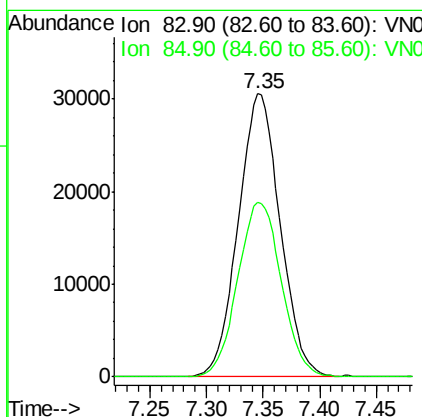
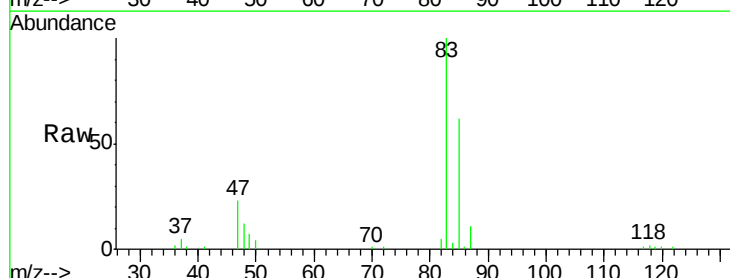
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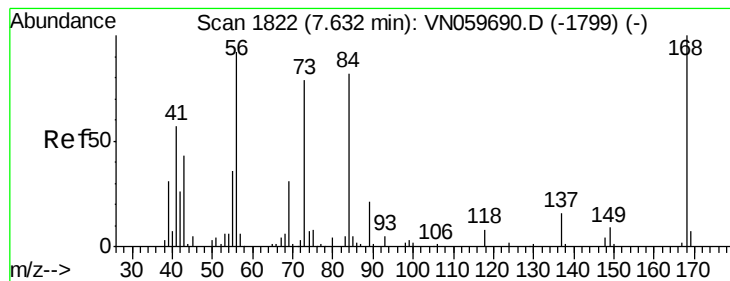
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#30
Chloroform
Concen: 21.859 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.4	78.6





#31

Cyclohexane

Concen: 19.665 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

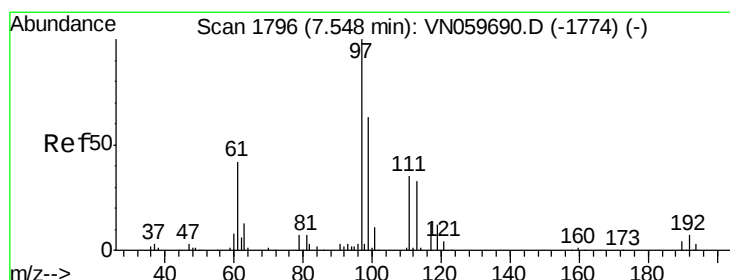
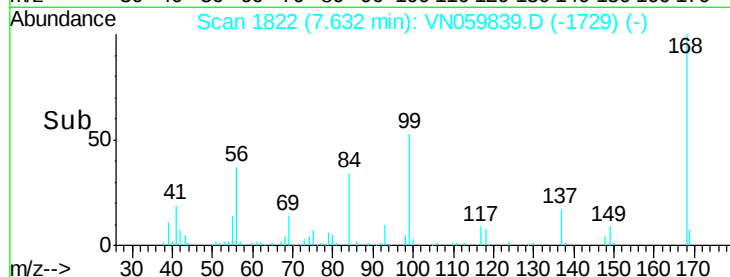
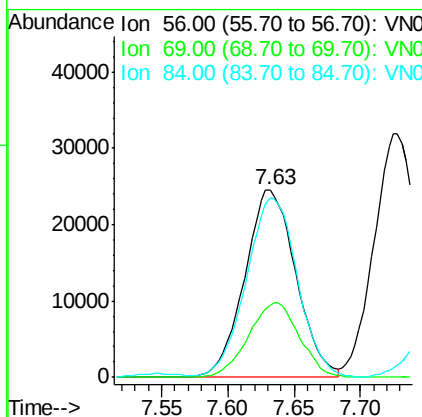
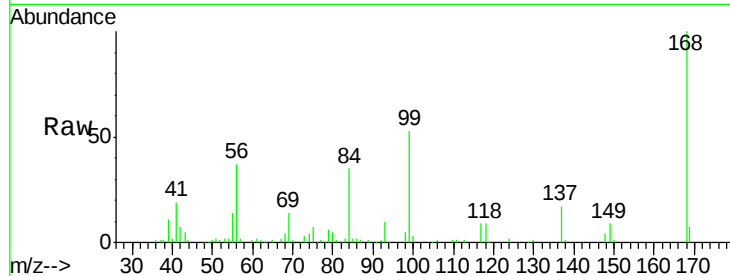
ClientSampled :

VN0124WBSD01

Tot Ion:	56	Resp:	65760
Ion	Ratio	Lower	Upper
56	100		
69	38.7	26.5	39.7
84	94.4	65.3	97.9

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#32

1,1,1-Trichloroethane

Concen: 21.622 ug/l

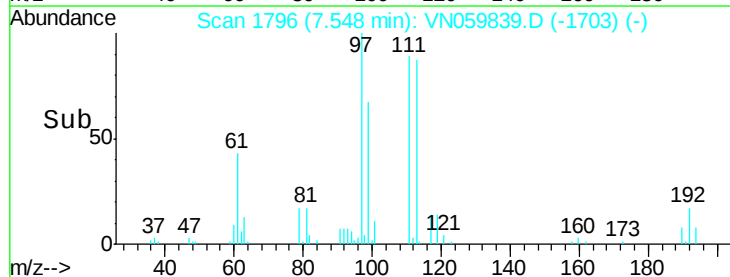
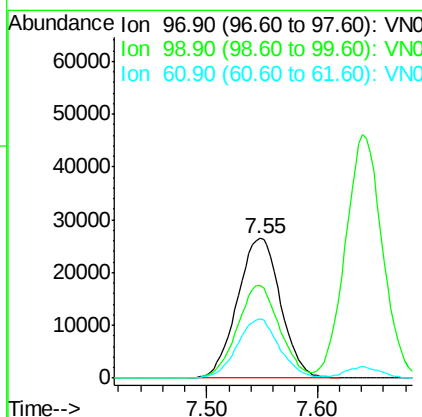
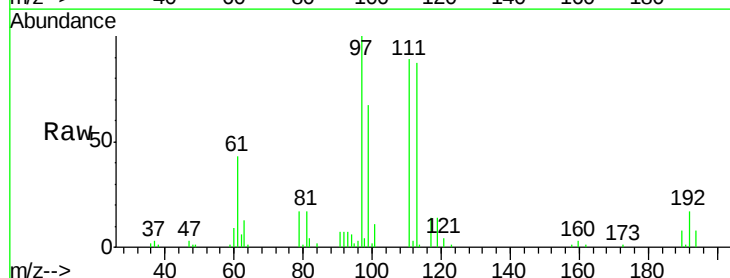
RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion:	97	Resp:	71986
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.4
61	41.2	38.5	57.7





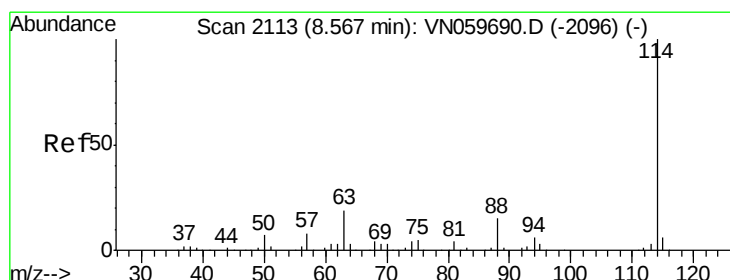
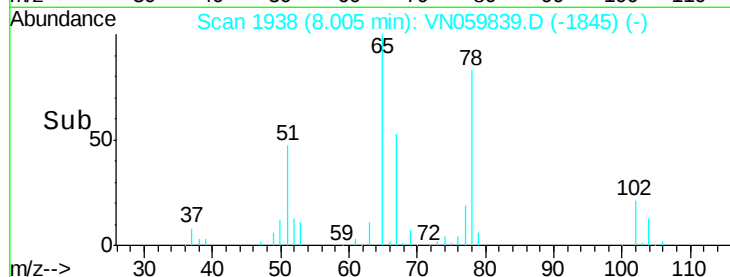
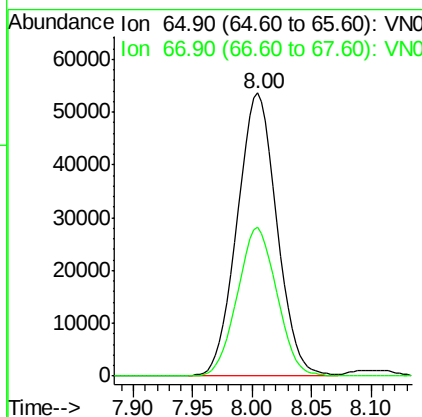
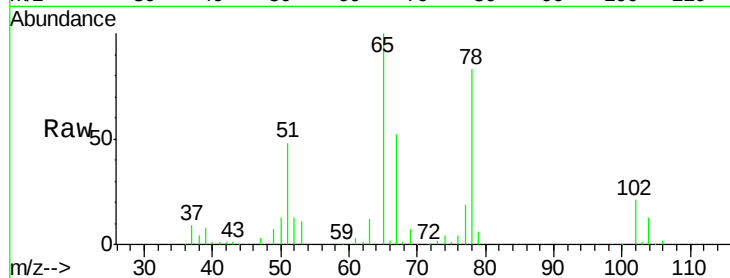
#33
 1,2-Dichloroethane-d4
 Concen: 54.920 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.2	0.0	103.0	

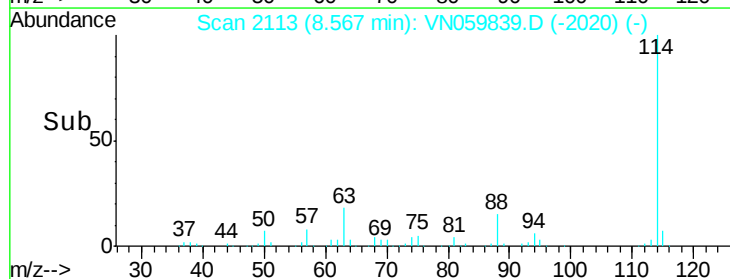
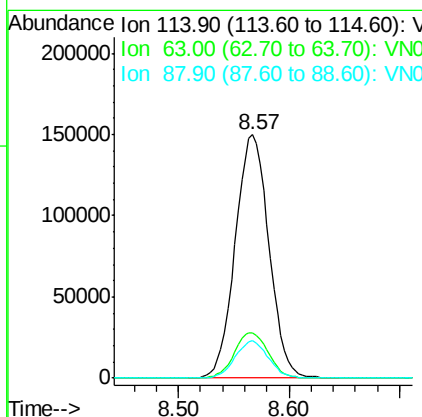
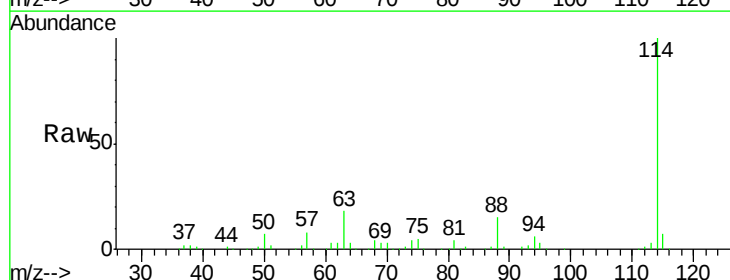
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.5	0.0	43.6	
88	15.3	0.0	31.4	





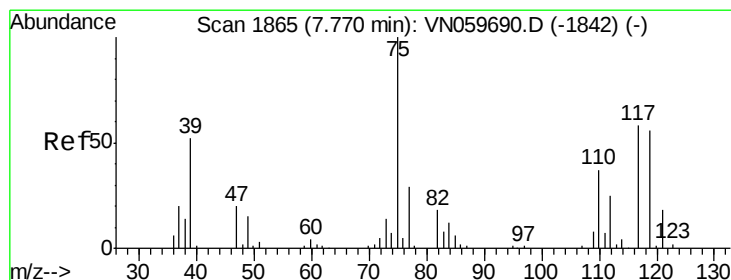
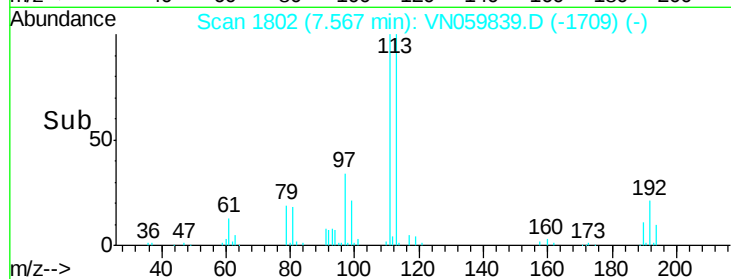
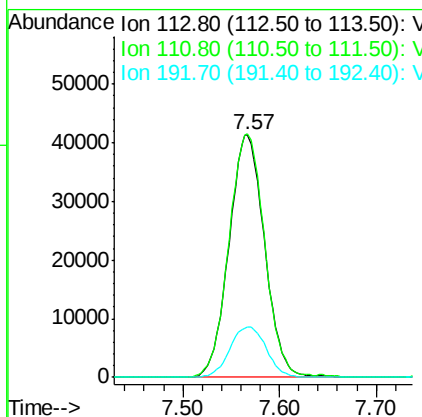
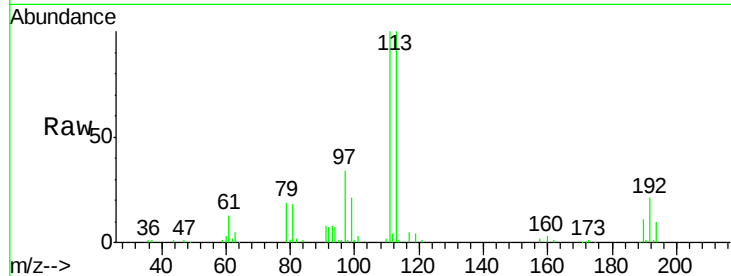
#35
 Dibromofluoromethane
 Concen: 55.804 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.5	125.3
192	21.3	15.4	23.2

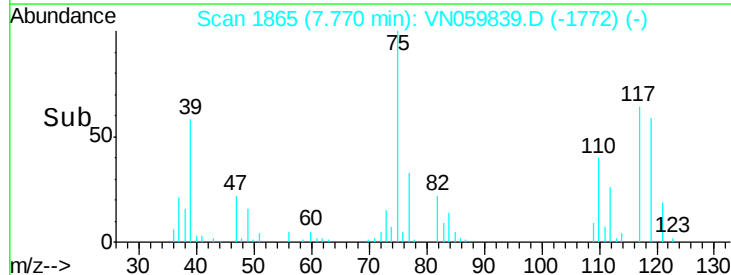
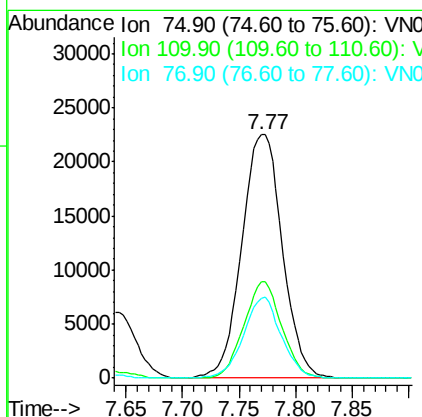
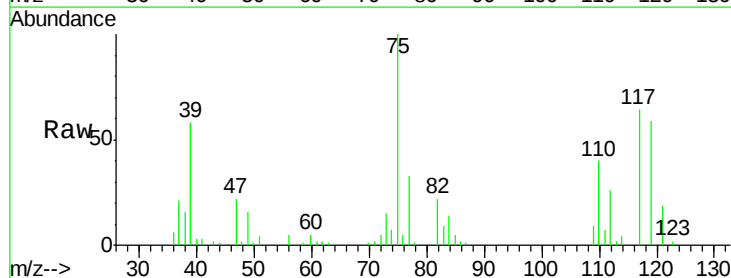
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#36
 1,1-Dichloropropene
 Concen: 20.362 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	16.6	49.7
77	30.9	25.1	37.7





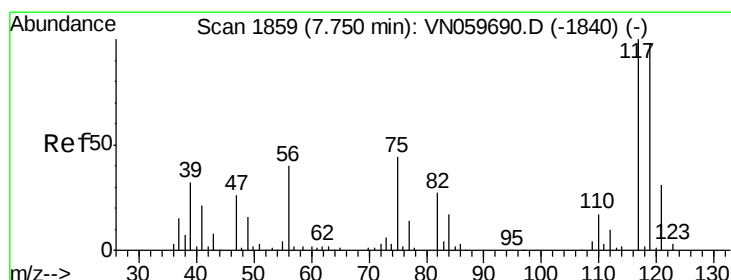
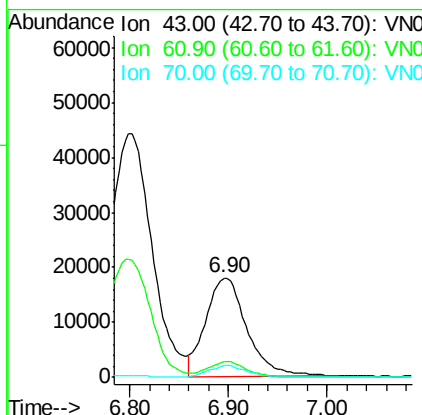
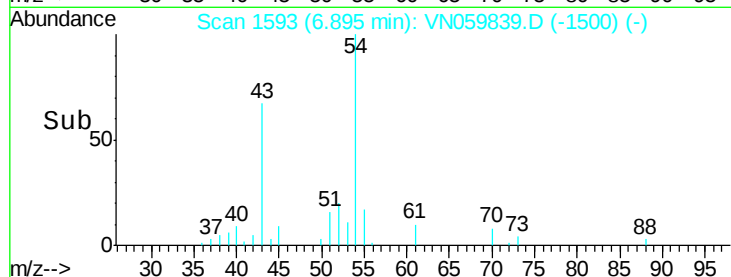
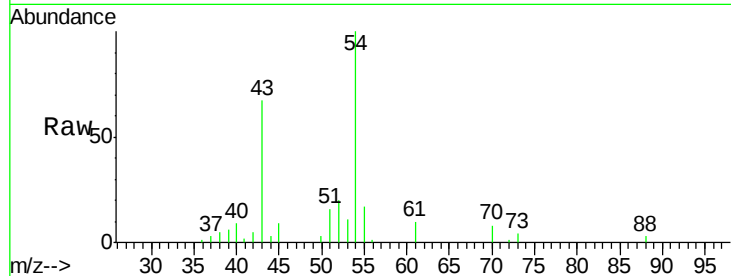
#37
Ethyl Acetate
Concen: 20.224 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampled :
VN0124WBSD01

Tot Ion: 43 Resp: 52367
Ion Ratio Lower Upper
43 100
61 15.3 10.9 16.3
70 11.1 7.7 11.5

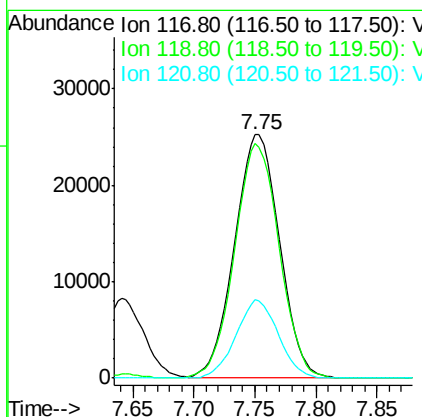
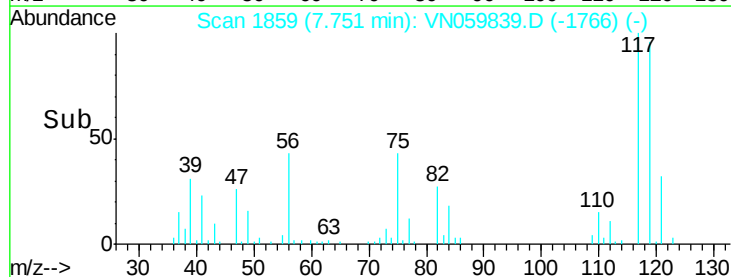
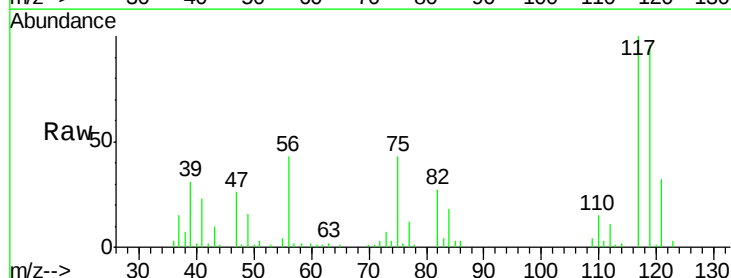
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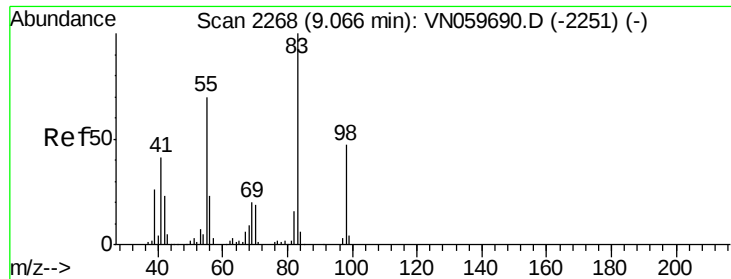
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#38
Carbon Tetrachloride
Concen: 21.500 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion: 117 Resp: 64568
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
121 32.0 25.1 37.7





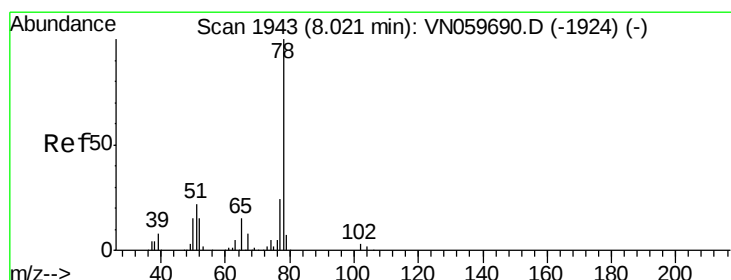
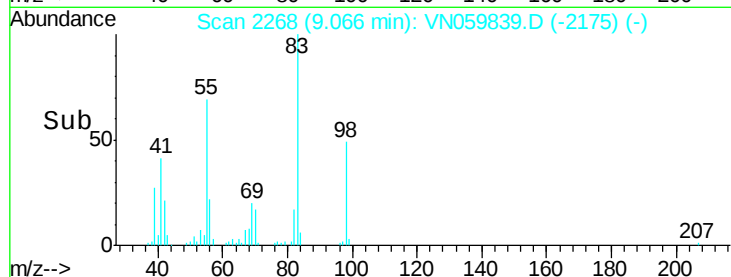
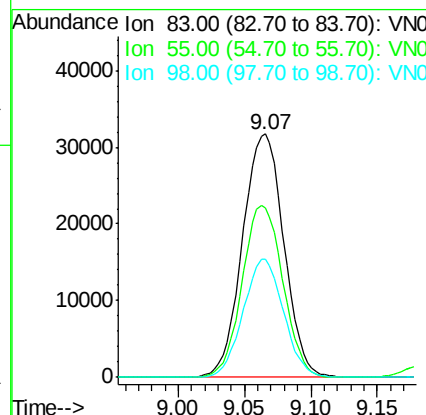
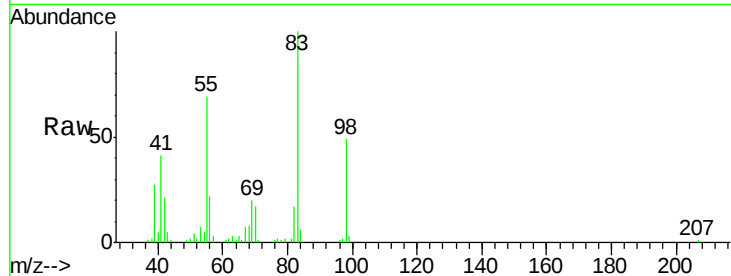
#39
Methvlcvclohexane
Concen: 20.178 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.4	64.2	96.2
98	48.7	35.9	53.9

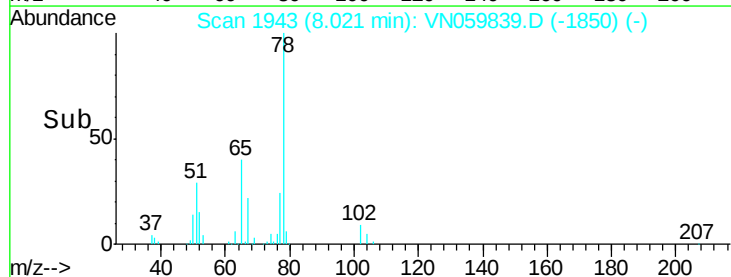
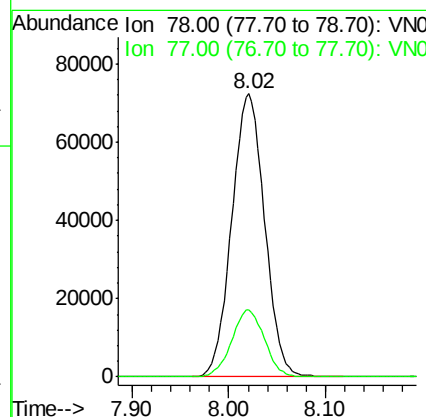
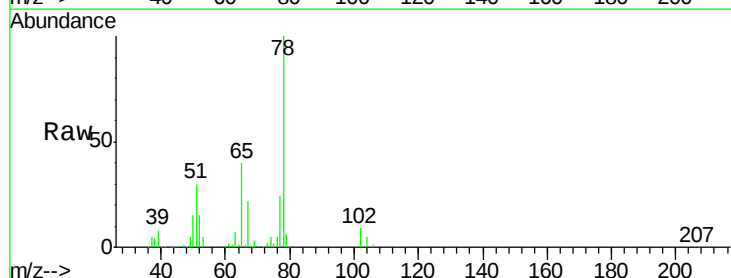
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#40
Benzene
Concen: 20.735 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





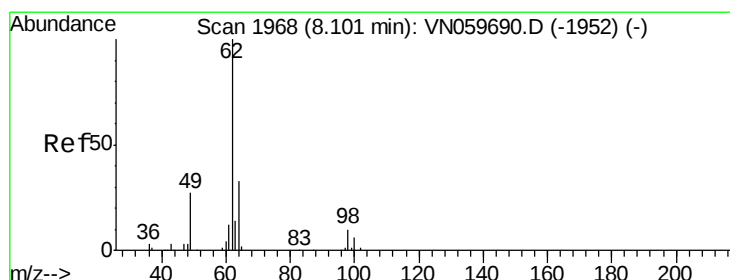
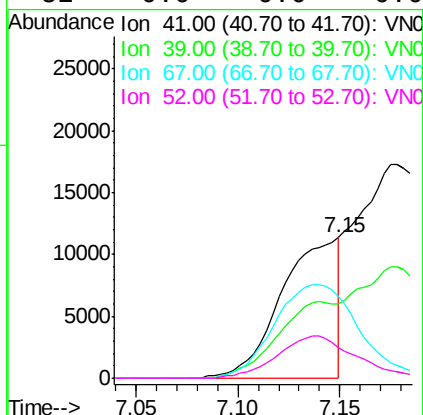
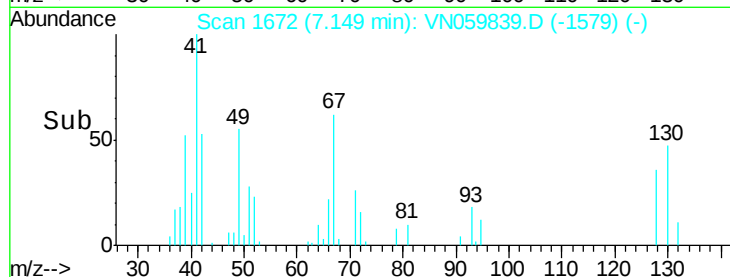
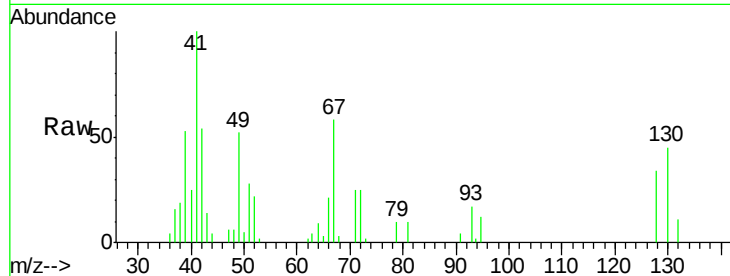
#41
Methacrylonitrile
Concen: 17.334 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampled :
VN0124WBSD01

Tot Ion	41	Resp	22108
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

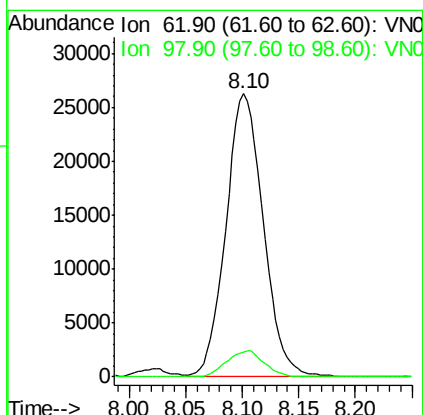
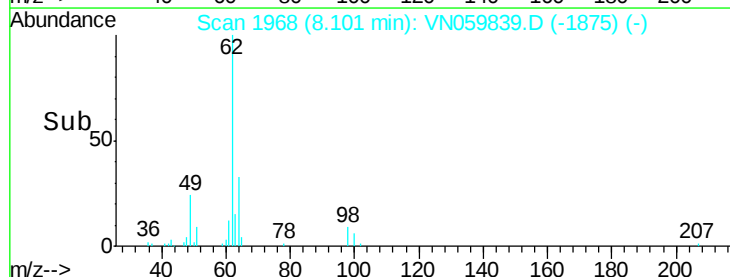
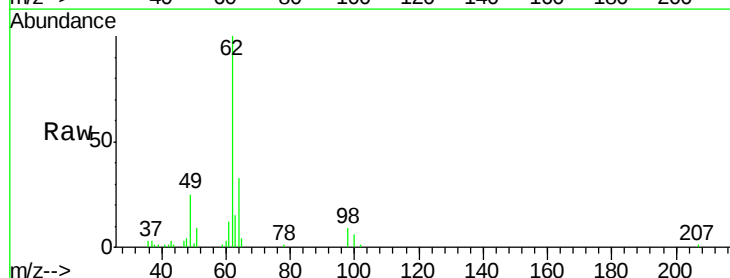
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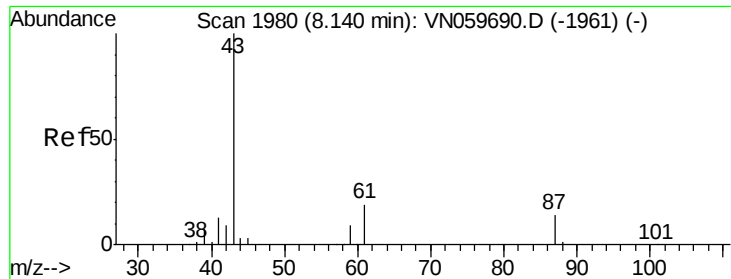
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#42
1,2-Dichloroethane
Concen: 21.678 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	62	Resp	60516
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8





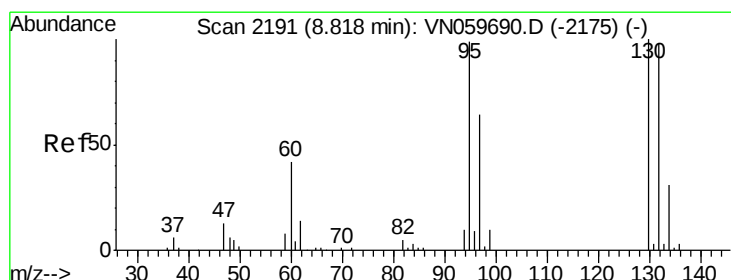
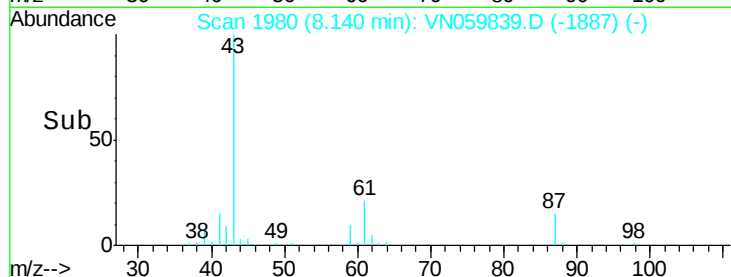
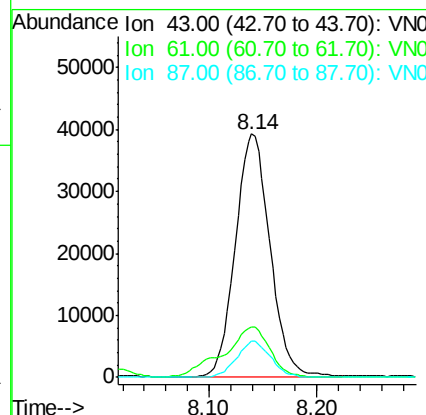
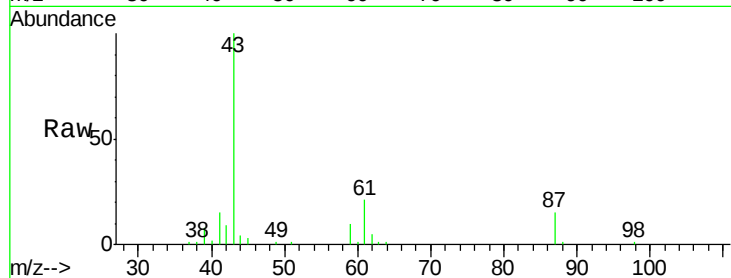
#43
Isopropyl Acetate
Concen: 19.854 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.6	20.2	30.2
87	14.4	9.5	14.3

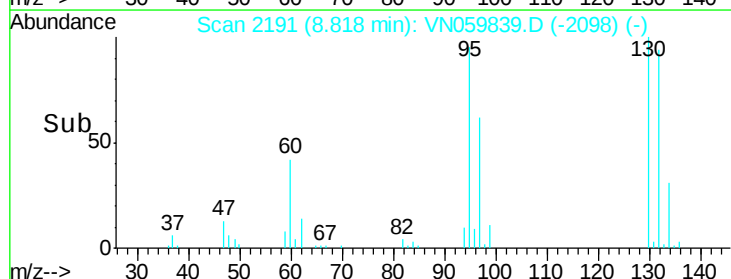
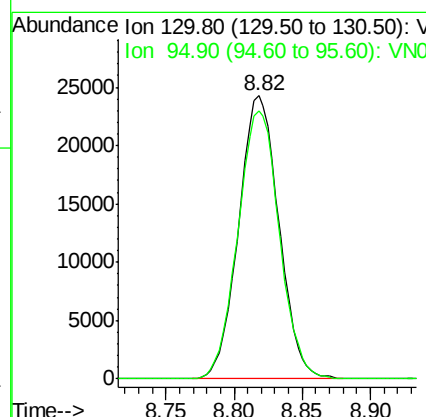
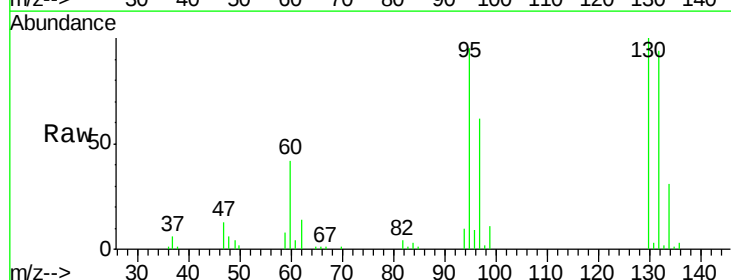
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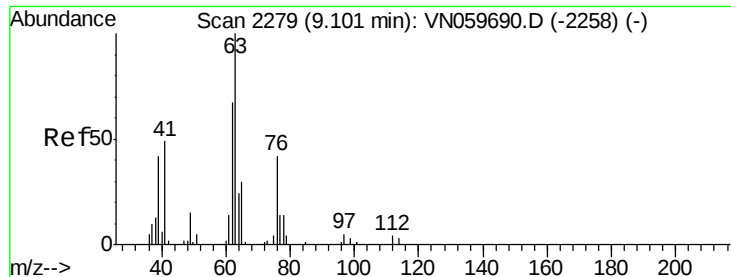
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#44
Trichloroethene
Concen: 22.153 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	207.0





#45

1,2-Dichloropropane

Concen: 21.184 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

Tot Ion: 63 Resp: 43160

Ion Ratio Lower Upper

63 100

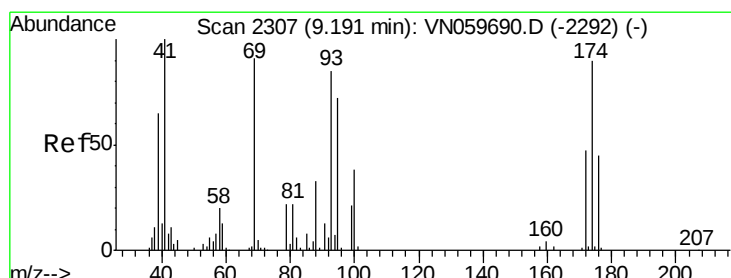
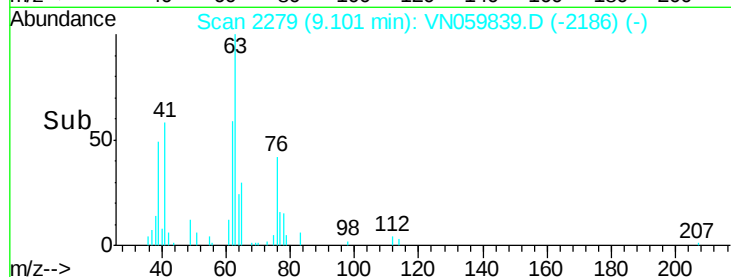
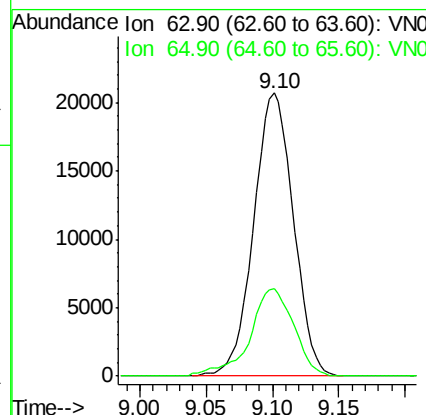
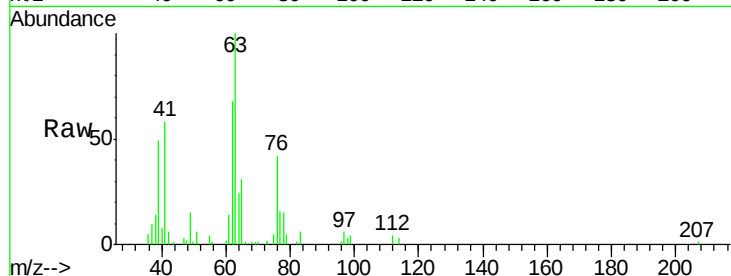
65 30.9 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 21.814 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

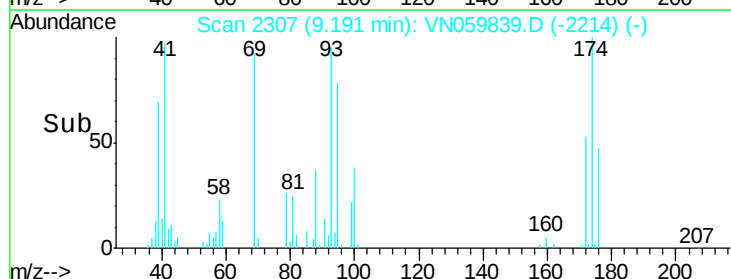
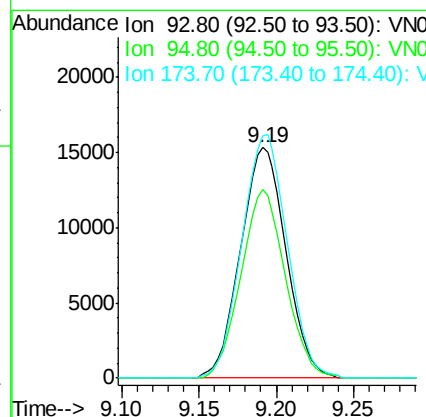
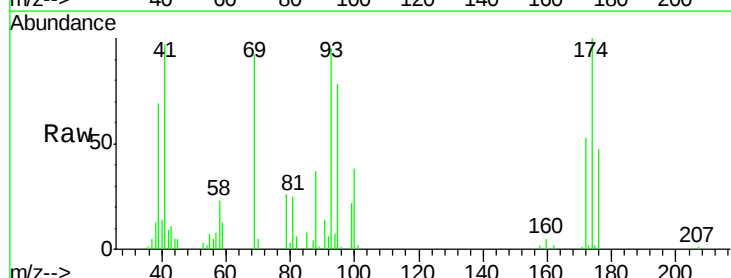
Tgt Ion: 93 Resp: 31351

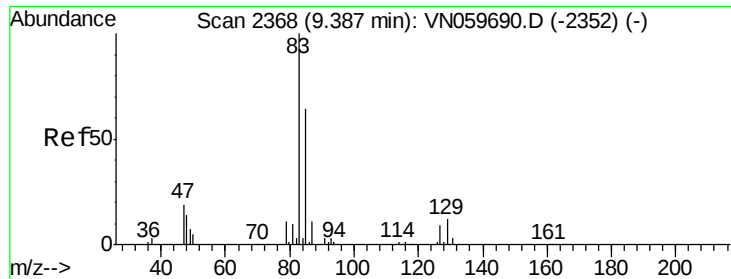
Ion Ratio Lower Upper

93 100

95 79.8 67.0 100.6

174 105.4 73.4 110.2





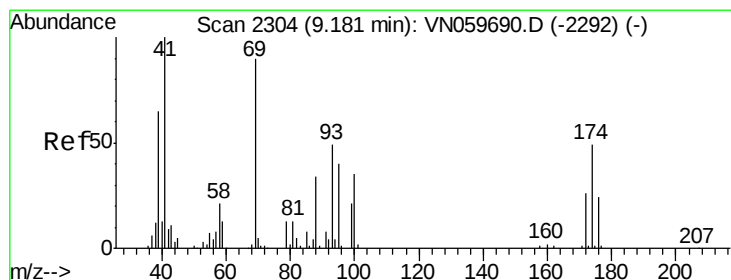
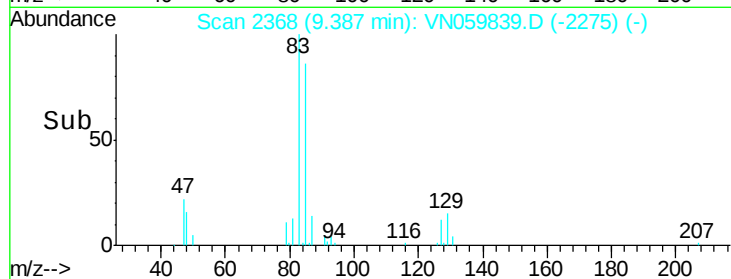
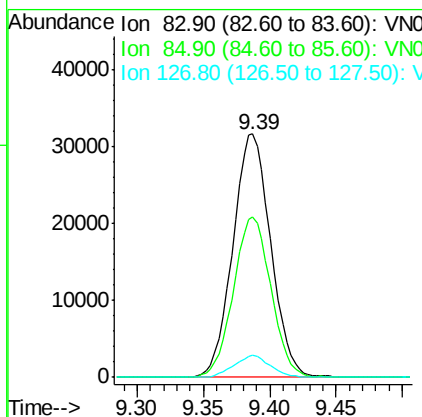
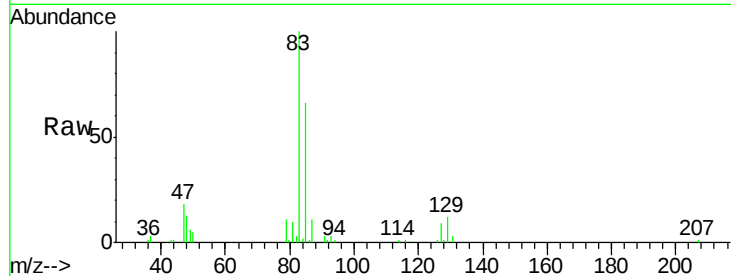
#47
Bromodichloromethane
Concen: 21.636 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.1	76.7
127	8.9	6.6	9.8

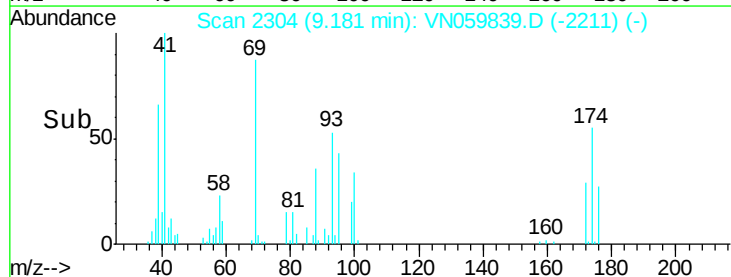
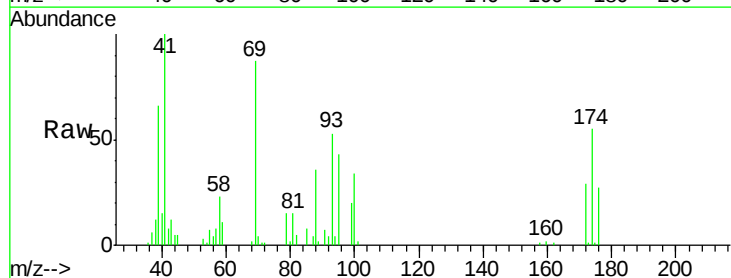
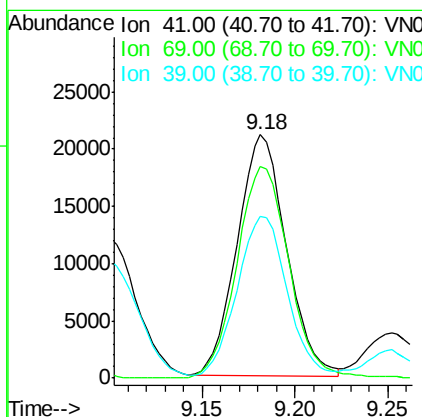
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#48
Methyl methacrylate
Concen: 19.512 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
41	100		
69	93.1	64.4	96.6
39	68.8	51.3	76.9





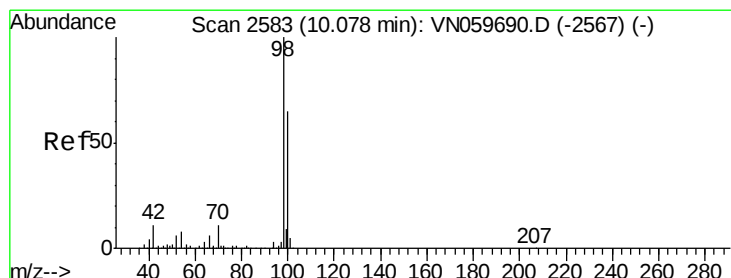
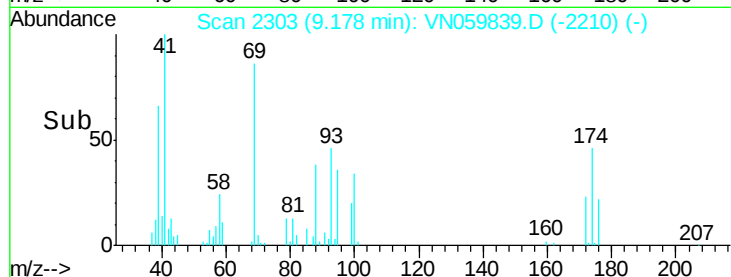
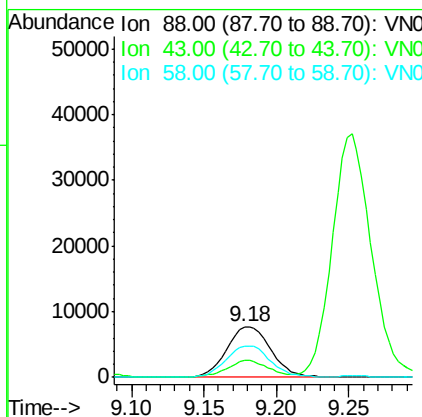
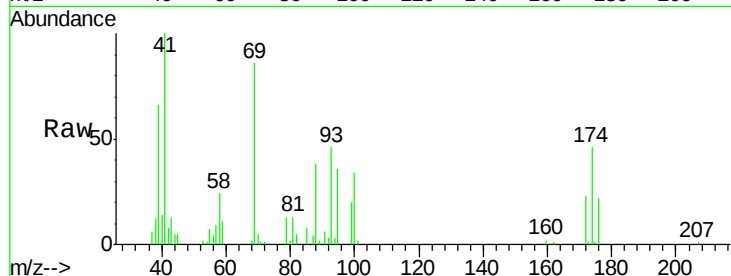
#49
1,4-Dioxane
Concen: 451.751 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	29.7	44.5
58	61.8	56.6	85.0

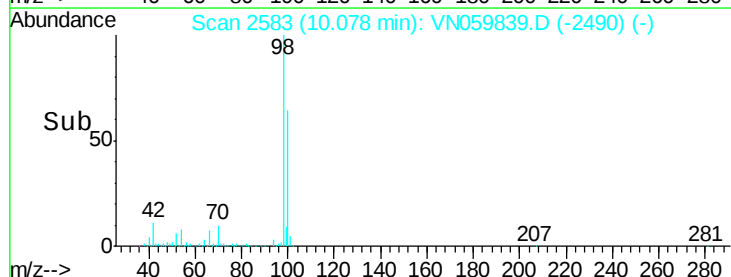
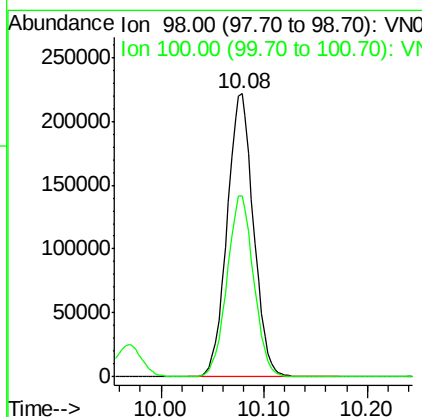
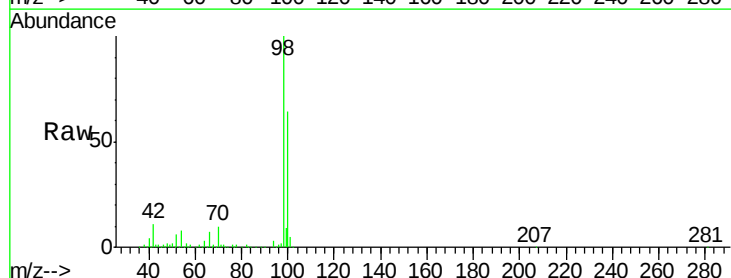
Manual Integrations
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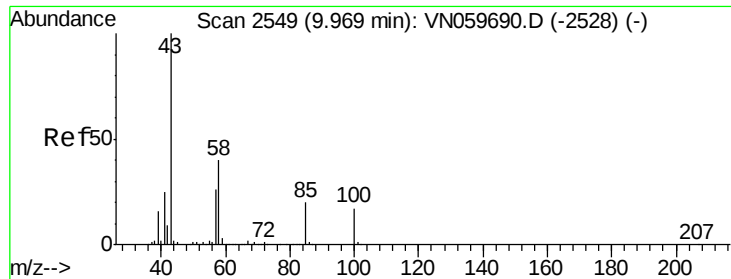
MMDadoda
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#50
Toluene-d8
Concen: 53.982 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 100.742 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

Tot Ion: 43 Resp: 259370

Ion Ratio Lower Upper

43 100

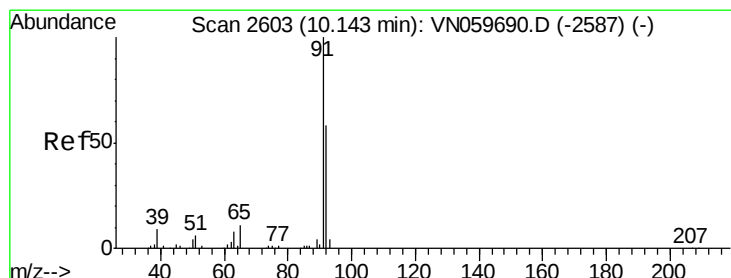
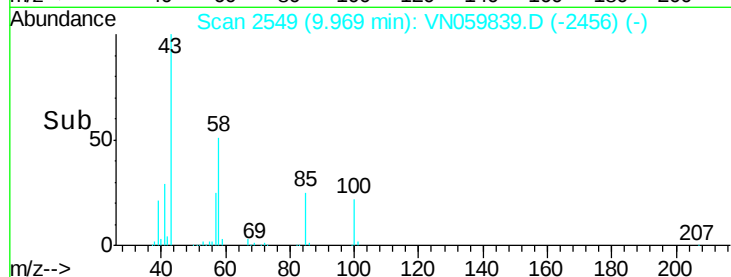
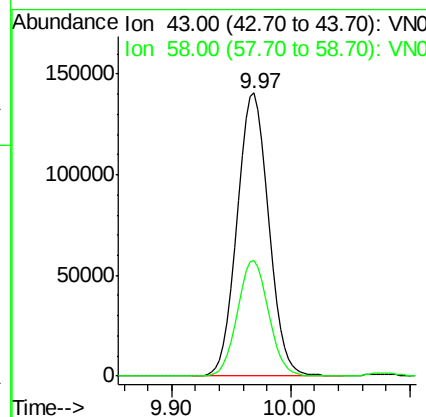
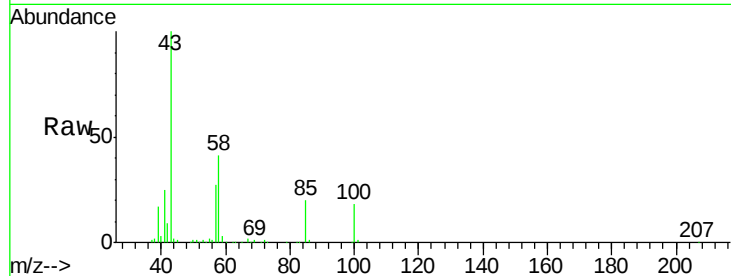
58 40.4 29.8 44.8

Manual Integrations

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#52

Toluene

Concen: 21.119 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059839.D

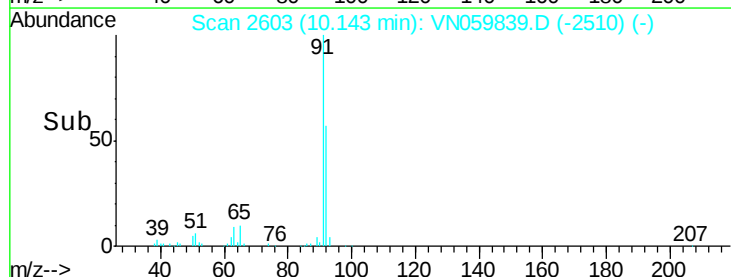
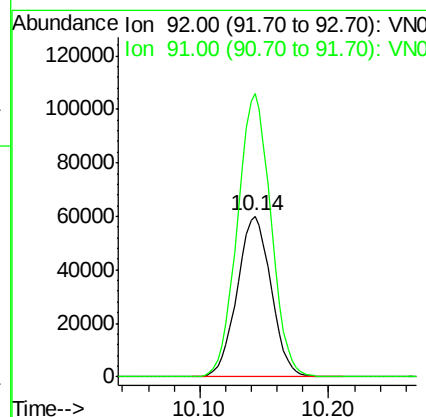
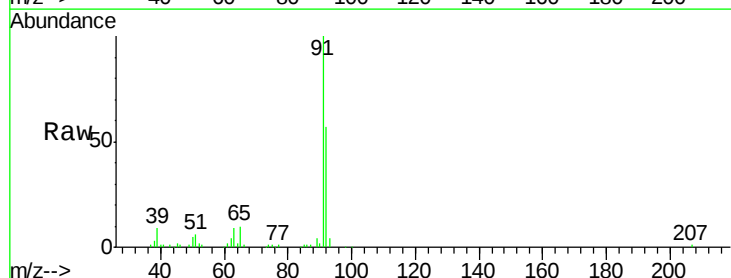
Acq: 24 Jan 2020 12:47

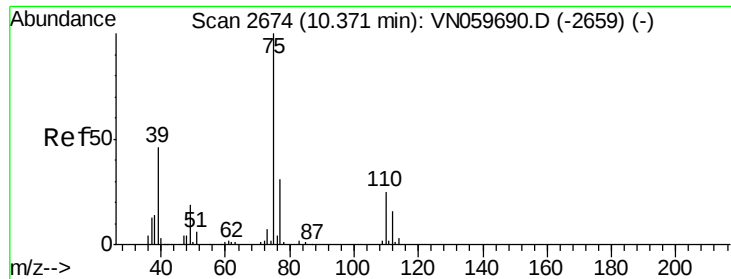
Tgt Ion: 92 Resp: 109832

Ion Ratio Lower Upper

92 100

91 174.0 140.4 210.6





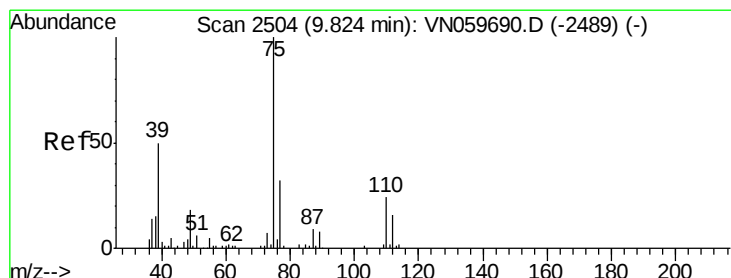
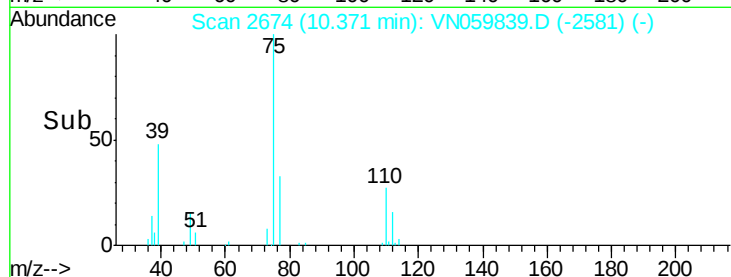
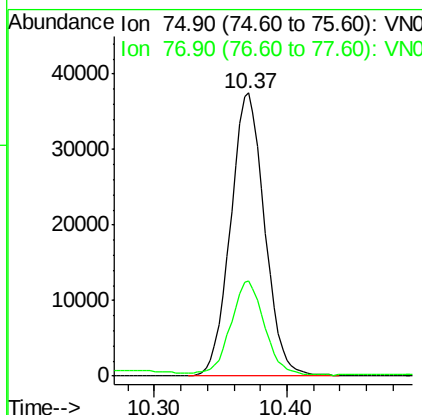
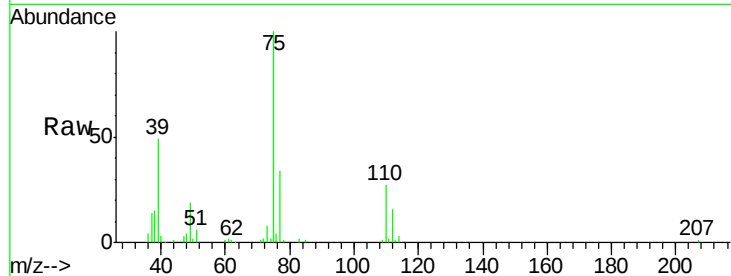
#53
t-1,3-Dichloropropene
Concen: 20.710 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampled :
VN0124WBSD01

Tot Ion: 75 Resp: 66974
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2

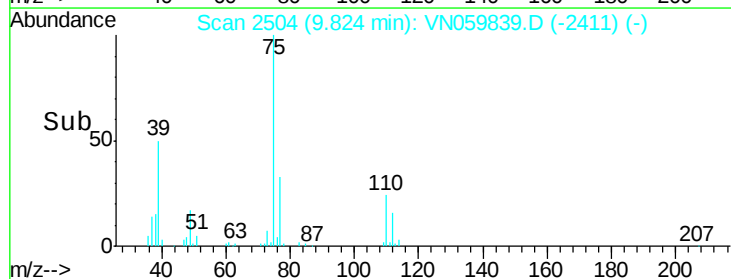
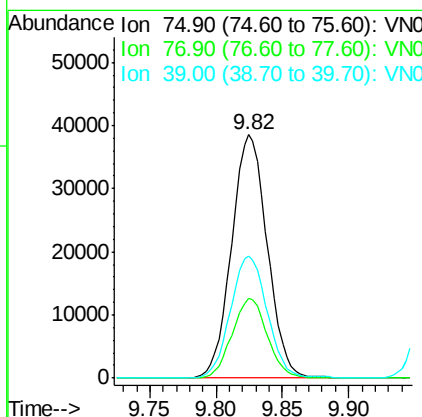
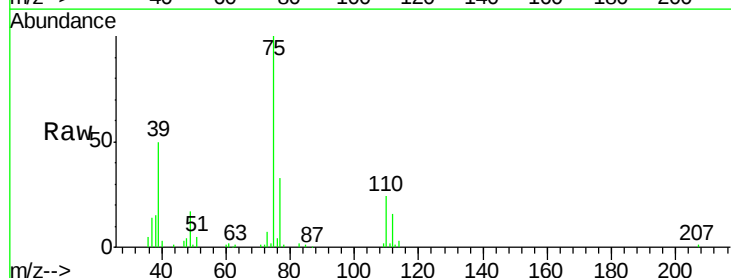
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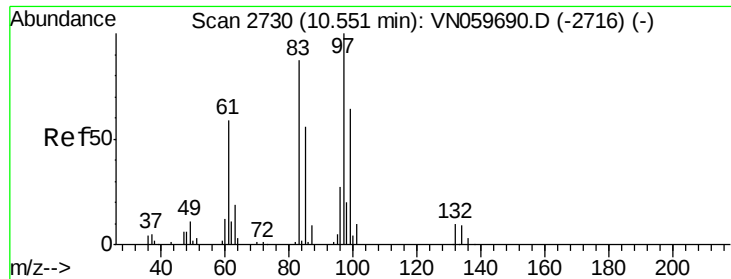
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.141 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion: 75 Resp: 71935
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7
39 50.3 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 21.417 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

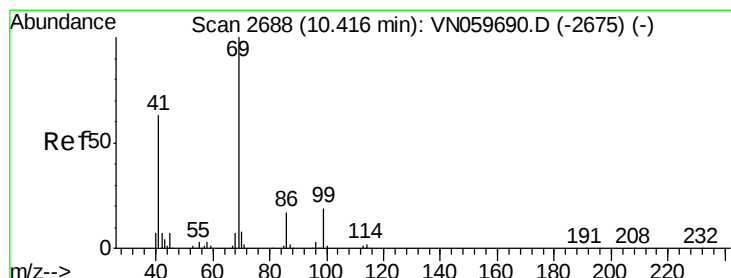
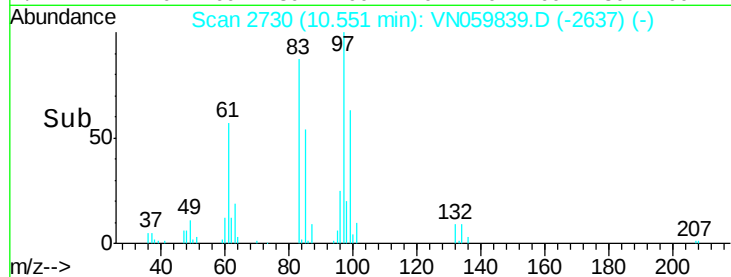
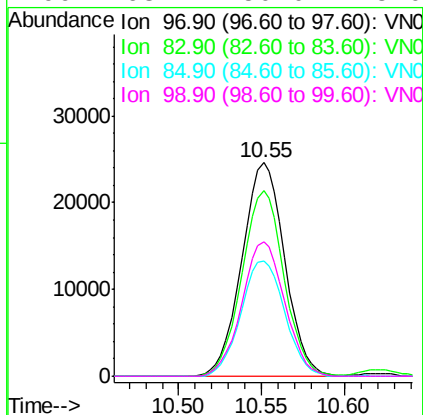
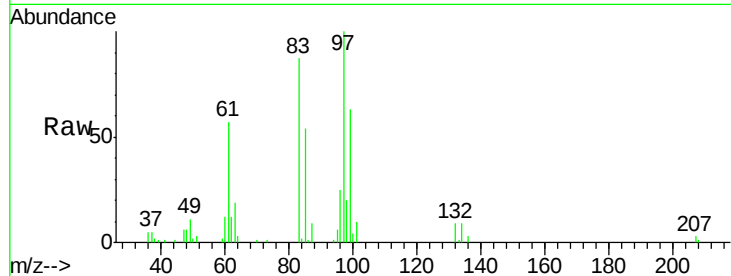
ClientSampleId :

VN0124WBSD01

Tot Ion:	97	Resp:	44114
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.3	106.9
85	54.2	45.8	68.8
99	63.1	50.0	75.0

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#56

Ethyl methacrylate

Concen: 20.087 ug/l

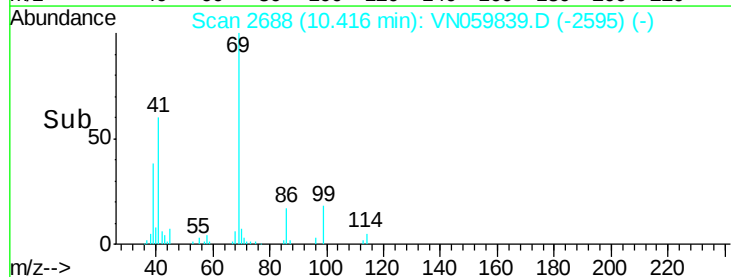
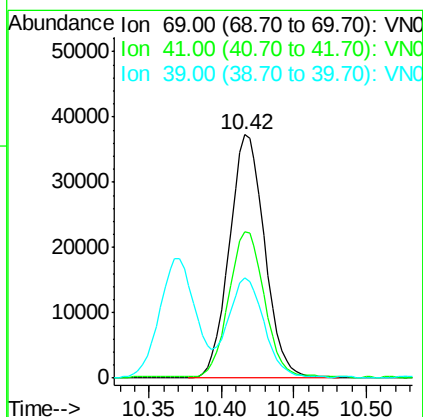
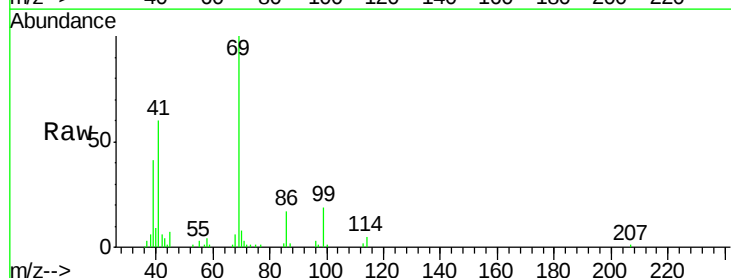
RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion:	69	Resp:	63222
Ion	Ratio	Lower	Upper
69	100		
41	59.7	57.1	85.7
39	42.4	34.7	52.1





#57

1,3-Dichloropropane

Concen: 21.745 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

Tot Ion: 76 Resp: 71110

Ion Ratio Lower Upper

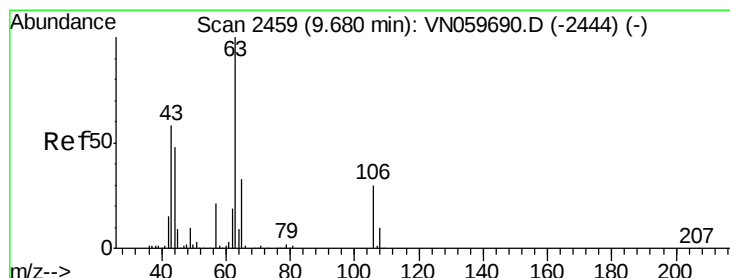
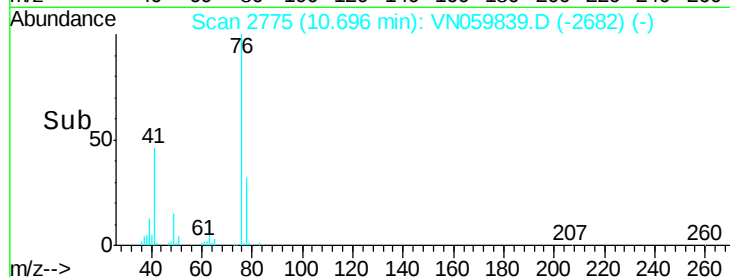
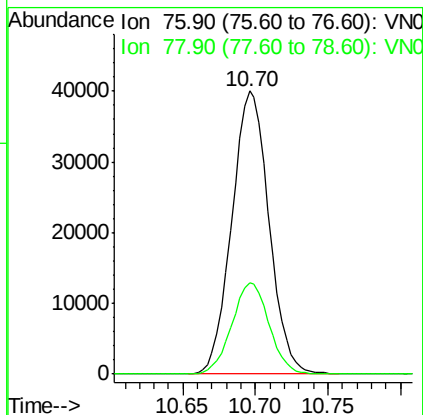
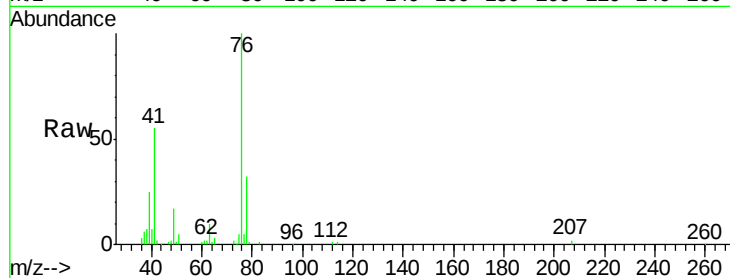
76 100

78 32.2 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 126.064 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059839.D

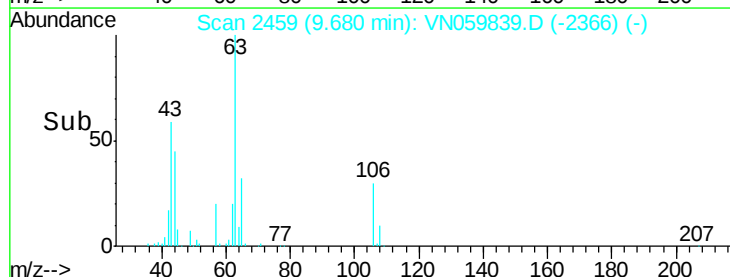
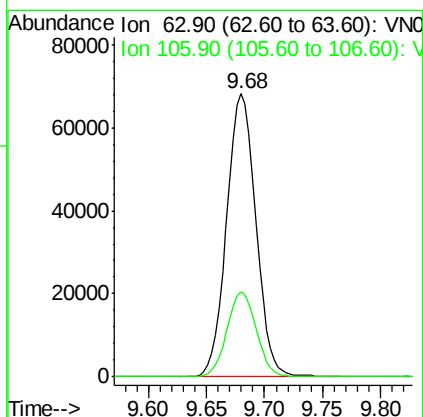
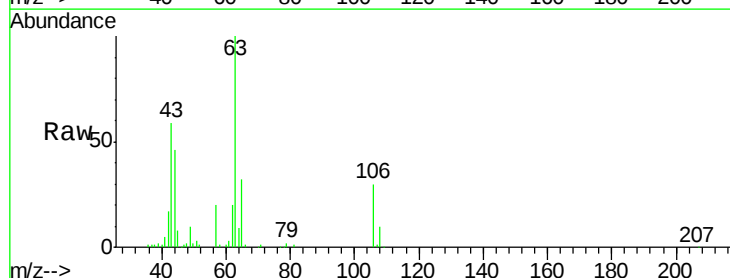
Acq: 24 Jan 2020 12:47

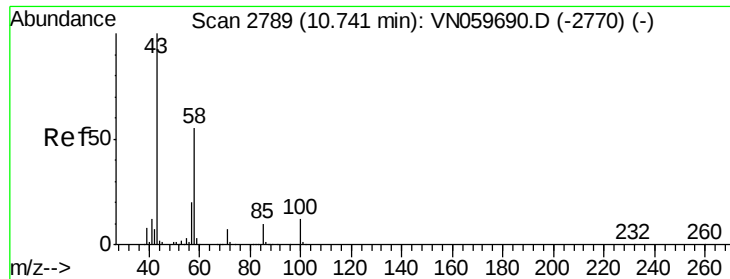
Tgt Ion: 63 Resp: 119507

Ion Ratio Lower Upper

63 100

106 30.0 20.2 30.2





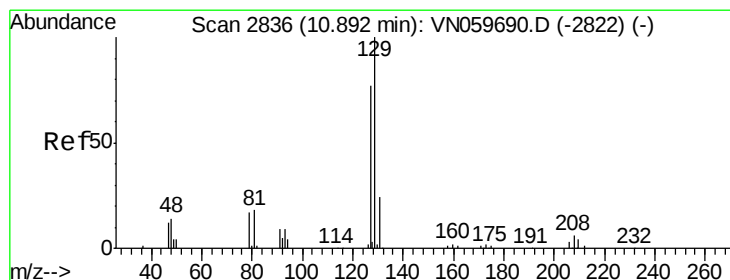
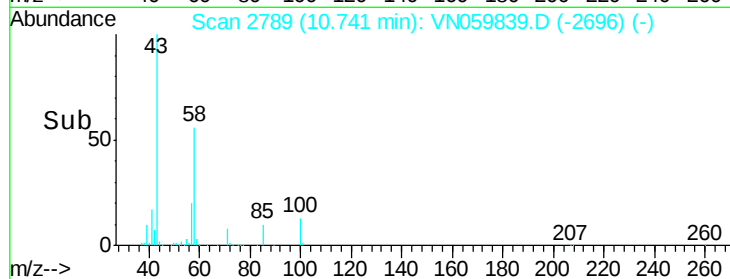
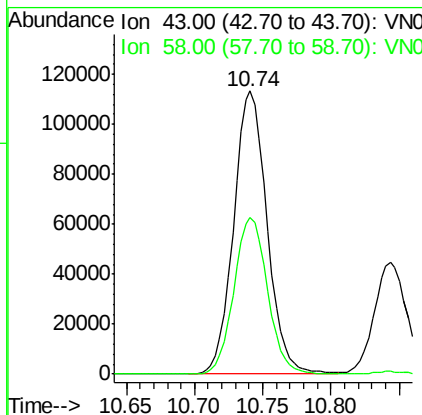
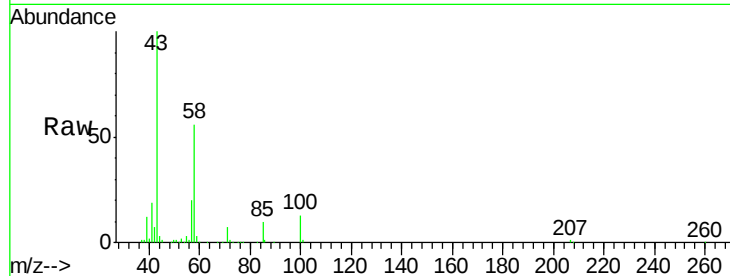
#59
2-Hexanone
Concen: 101.486 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion: 43 Resp: 192490
Ion Ratio Lower Upper
43 100
58 55.8 25.8 77.3

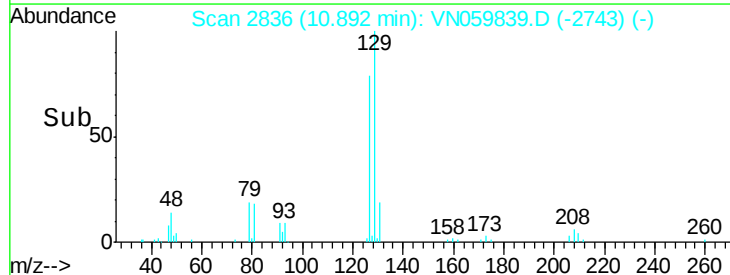
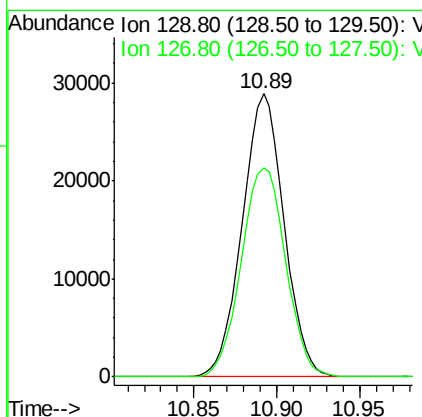
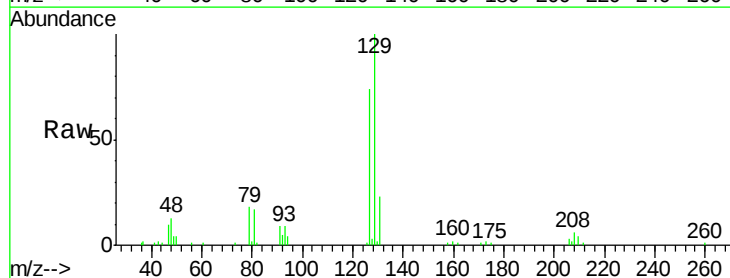
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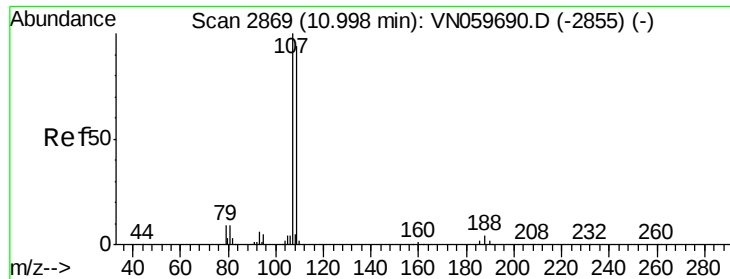
MMDadoda
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#60
Dibromochloromethane
Concen: 21.568 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion: 129 Resp: 50589
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





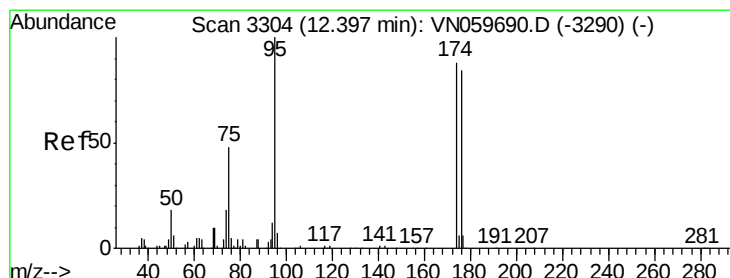
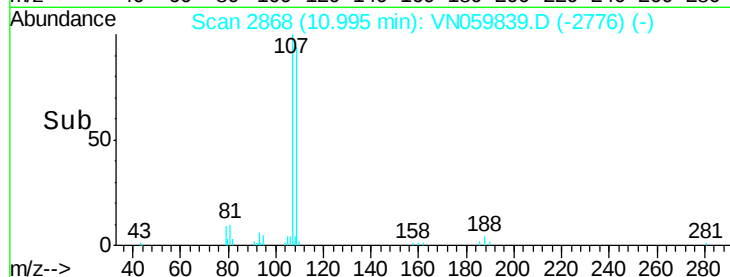
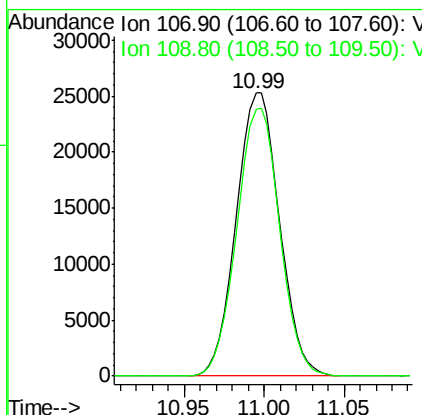
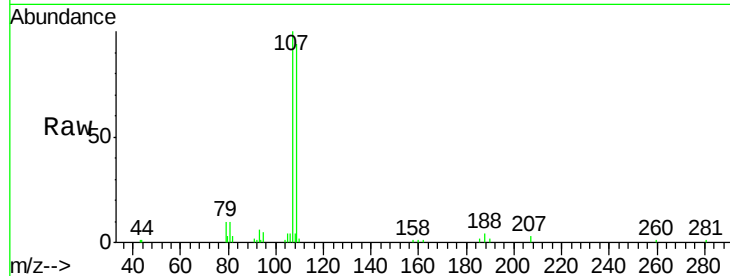
#61
 1,2-Dibromoethane
 Concen: 21.544 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tot Ion: 107 Resp: 46512
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.6 115.0

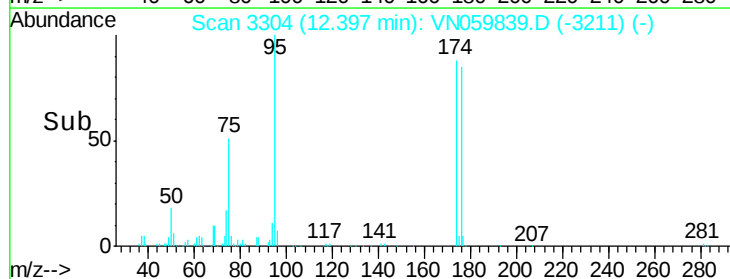
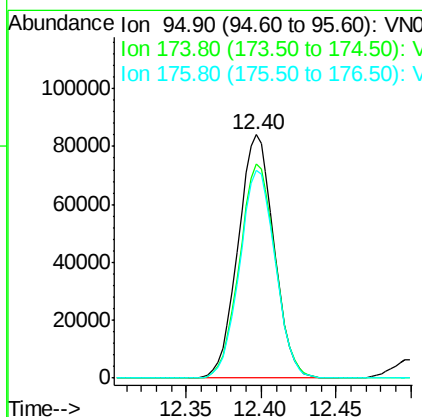
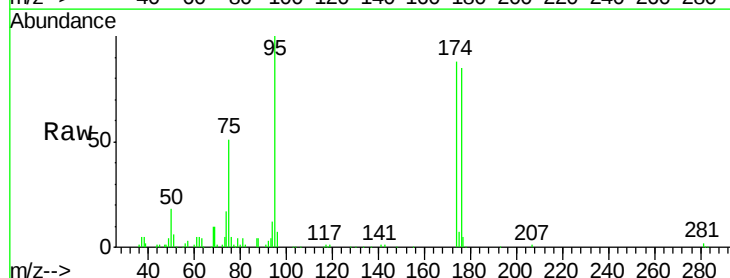
Manual Integrations
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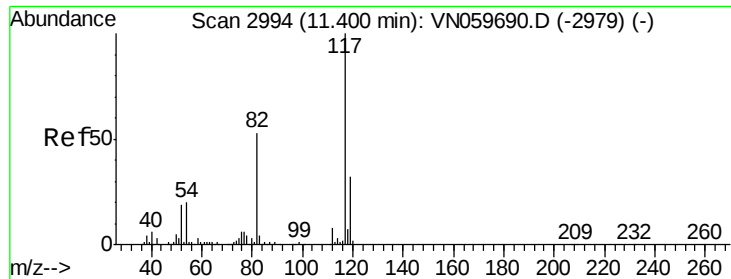
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#62
 4-Bromofluorobenzene
 Concen: 53.123 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Tgt Ion: 95 Resp: 140278
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 151.4
 176 85.1 0.0 146.0





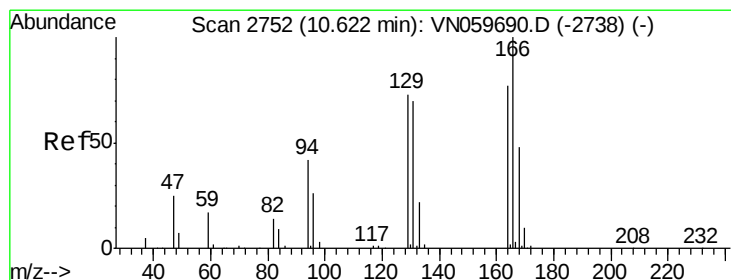
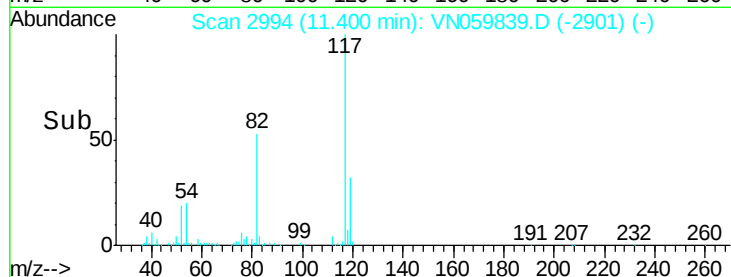
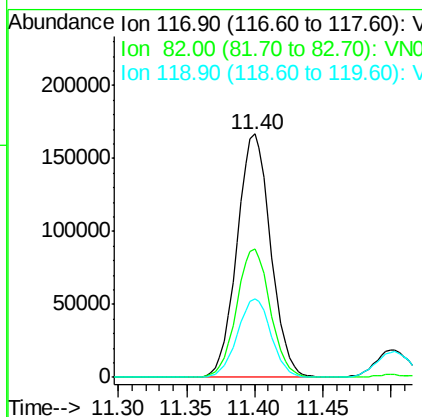
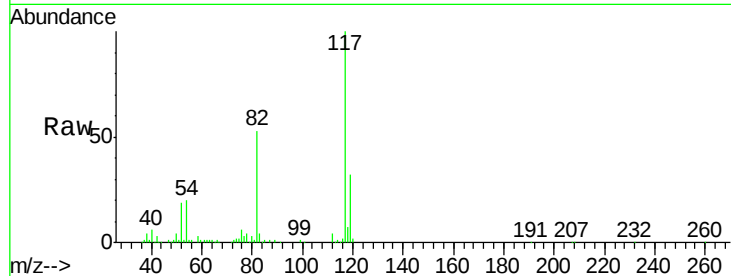
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	286086		
82	52.6		45.9	68.9
119	32.5		25.5	38.3

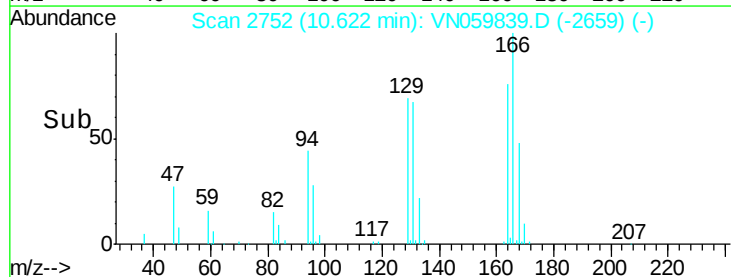
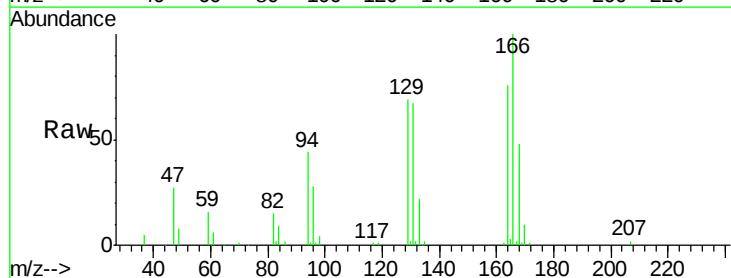
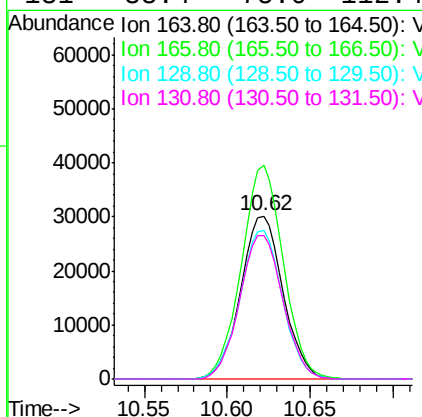
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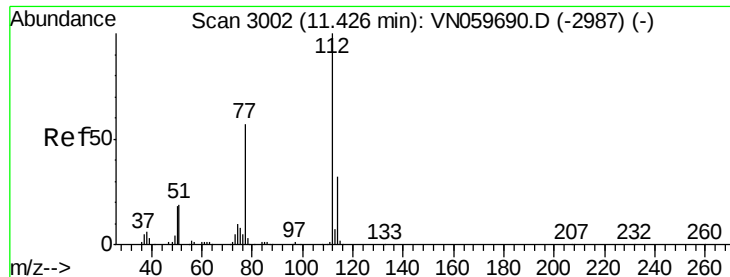
MMDadoda
1/27/2020 11:15:40 AM



#64
Tetrachloroethene
Concen: 22.911 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53420		
166	131.1		101.4	152.0
129	90.9		80.2	120.4
131	88.4		75.0	112.4





#65

Chlorobenzene

Concen: 21.342 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampled :

VN0124WBSD01

Tot Ion:112 Resp: 120011

Ion Ratio Lower Upper

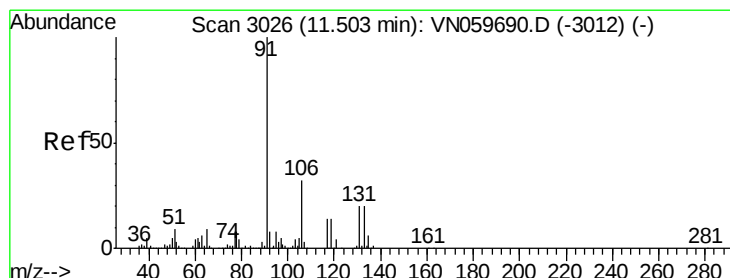
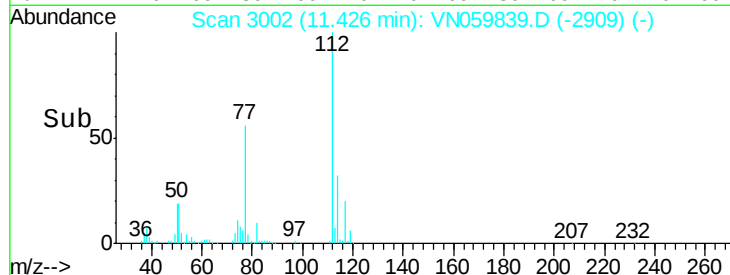
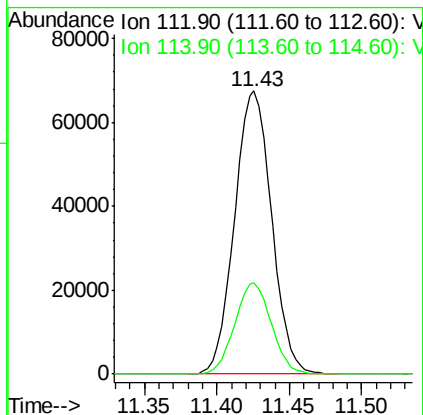
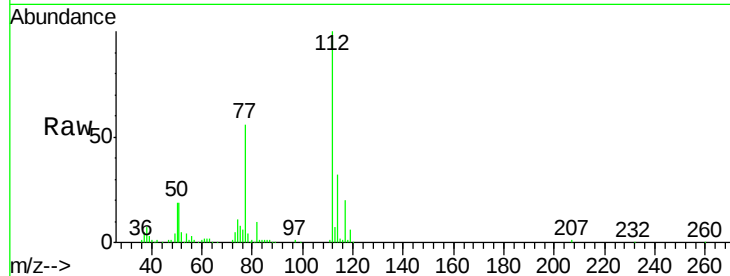
112 100

114 32.4 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.967 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

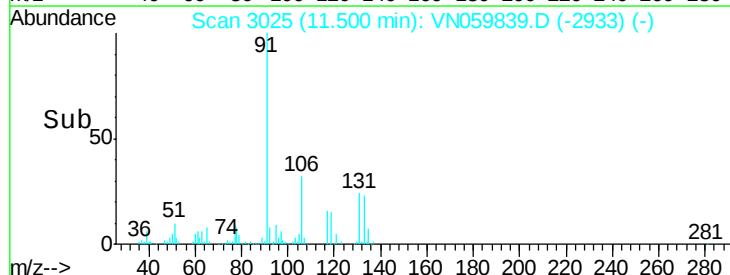
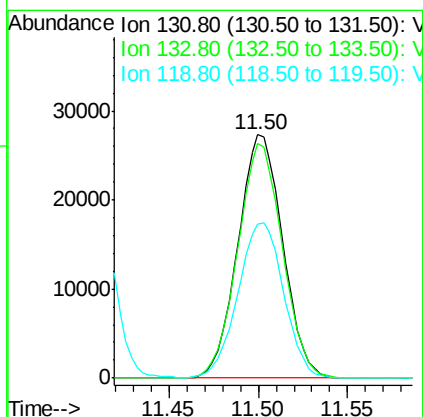
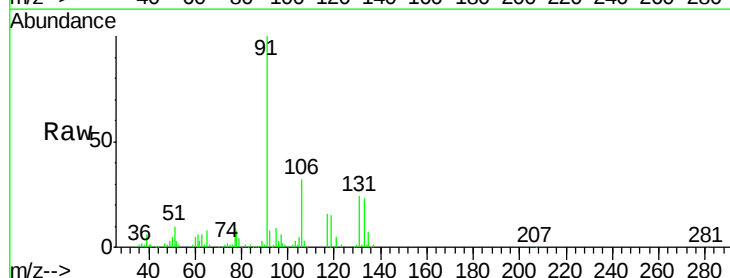
Tgt Ion:131 Resp: 47730

Ion Ratio Lower Upper

131 100

133 96.6 47.4 142.2

119 65.3 33.1 99.3





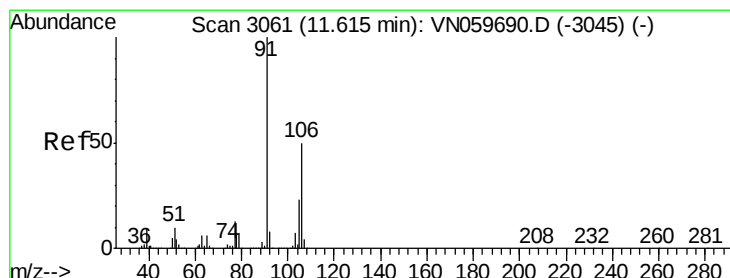
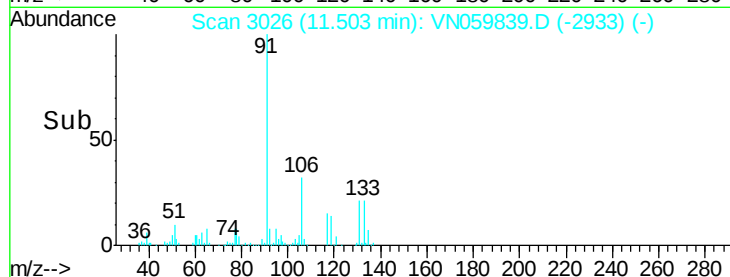
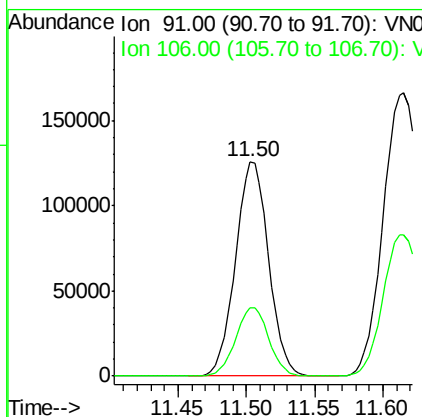
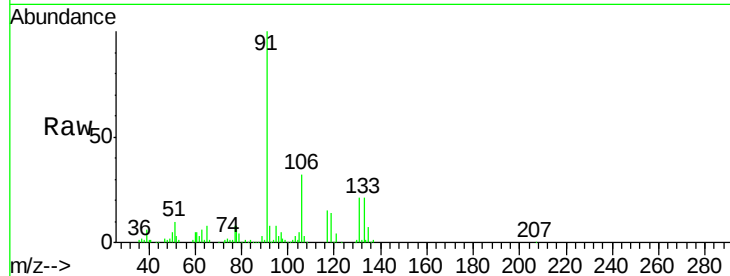
#67
Ethyl Benzene
Concen: 20.806 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampled :
VN0124WBSD01

Tot Ion: 91 Resp: 212387
Ion Ratio Lower Upper
91 100
106 31.8 24.1 36.1

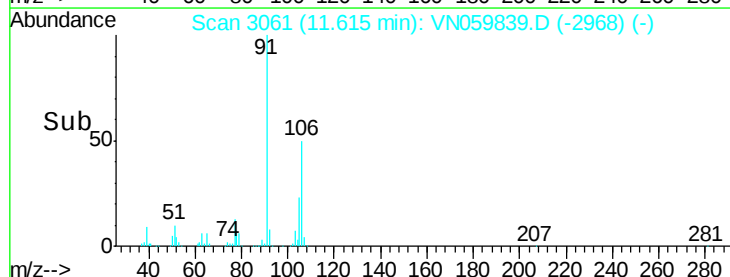
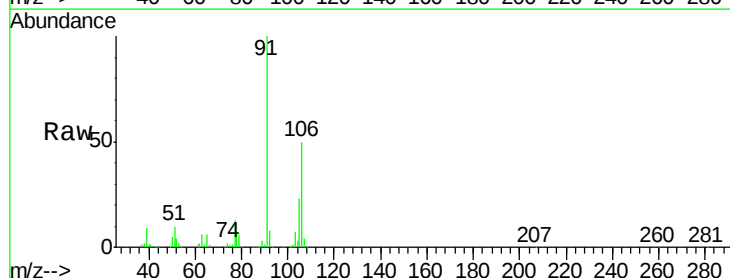
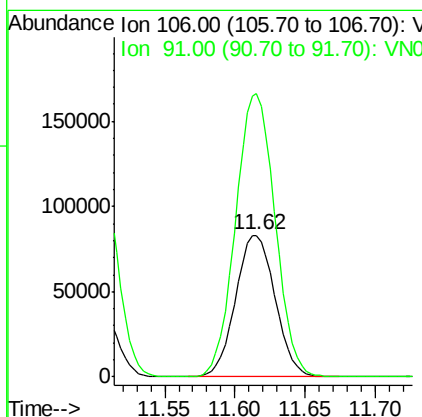
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#68
m/p-Xylenes
Concen: 42.312 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion: 106 Resp: 163149
Ion Ratio Lower Upper
106 100
91 198.9 167.9 251.9





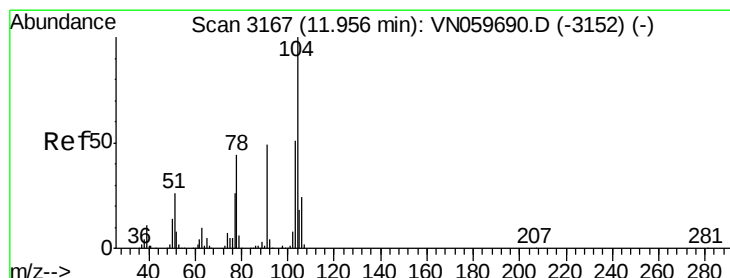
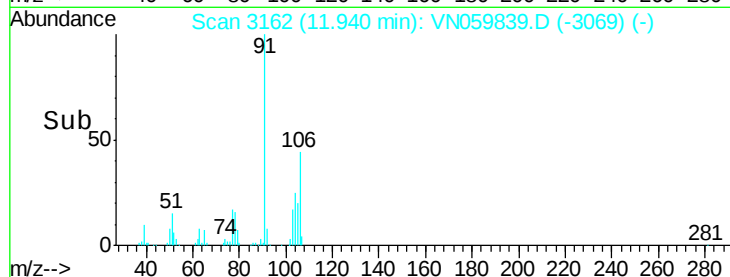
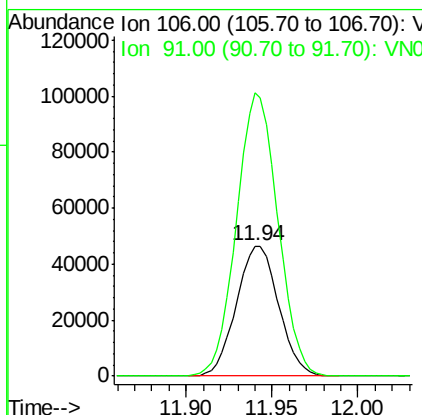
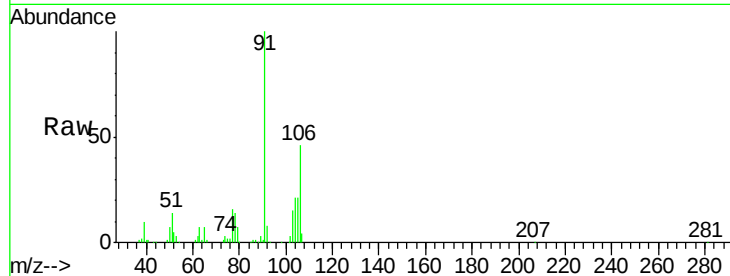
#69
o-Xylene
Concen: 20.926 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion:106 Resp: 78994
Ion Ratio Lower Upper
106 100
91 213.6 110.3 330.9

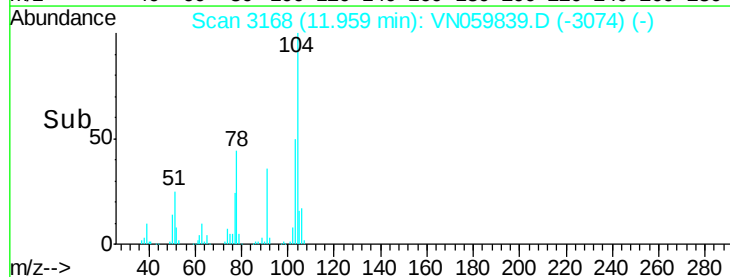
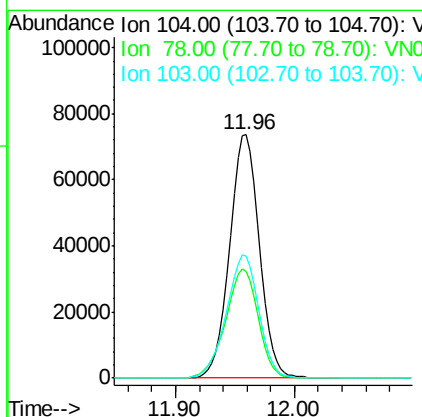
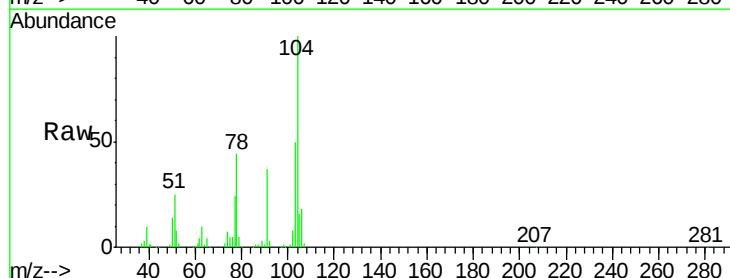
Manual Integrations
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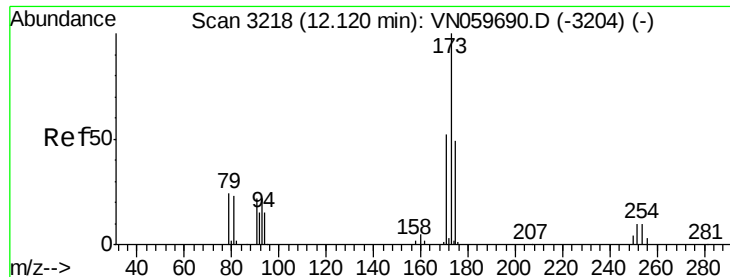
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#70
Styrene
Concen: 20.195 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion:104 Resp: 127567
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 55.2 43.9 65.9





#71

Bromoform

Concen: 21.833 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

Tot Ion:173 Resp: 37998

Ion Ratio Lower Upper

173 100

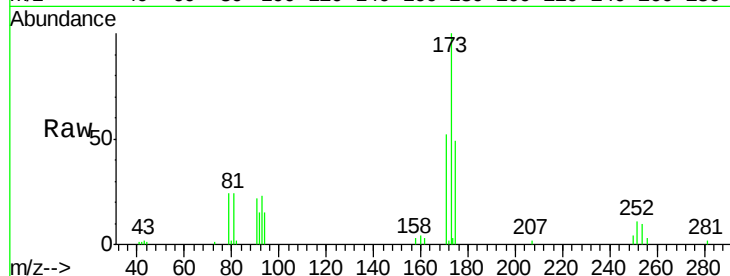
175 47.4 23.8 71.4

254 0.0 0.0 0.0

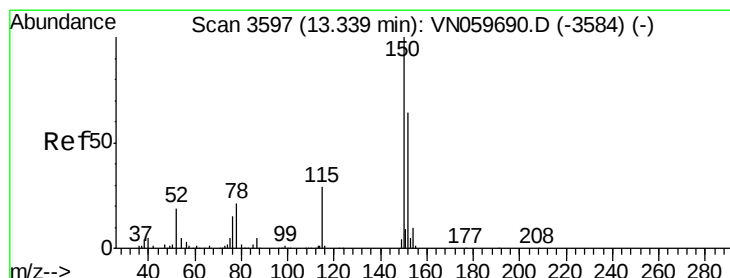
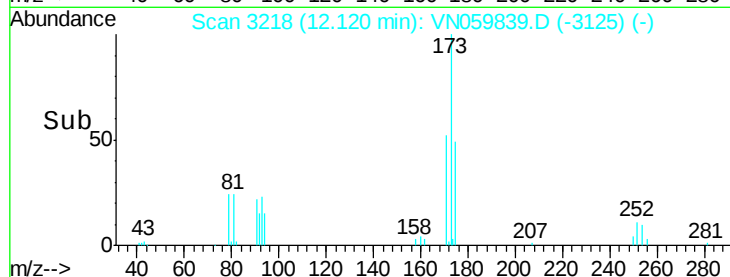
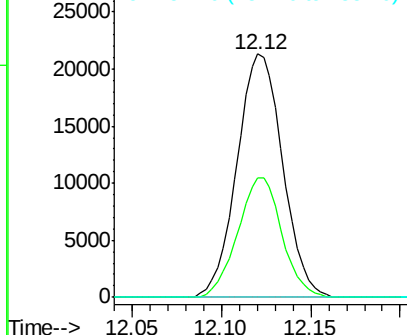
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

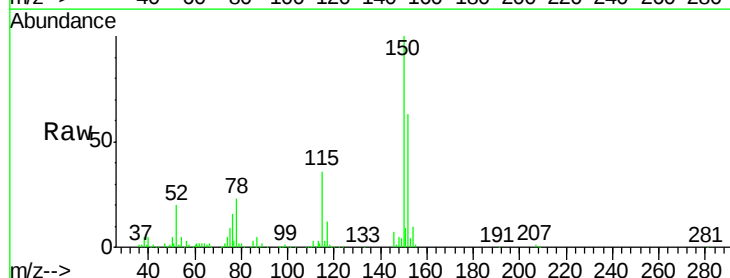
Tgt Ion:152 Resp: 133364

Ion Ratio Lower Upper

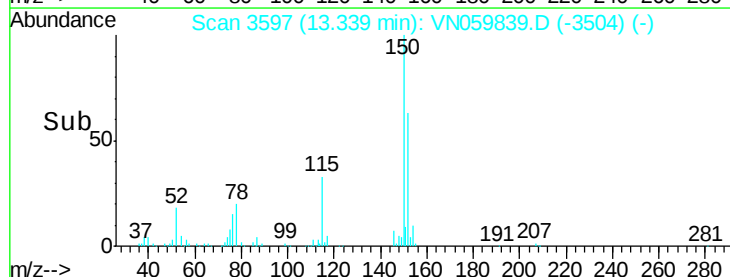
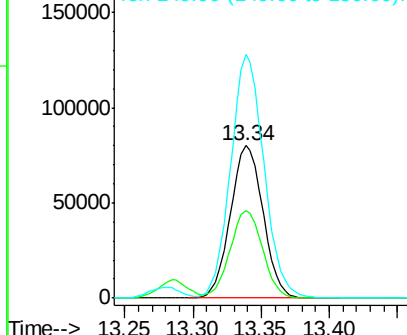
152 100

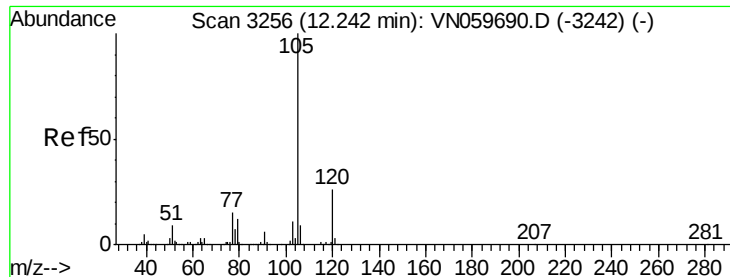
115 56.9 30.3 90.9

150 163.2 0.0 345.2



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





#73

Isopropylbenzene

Concen: 21.347 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampled :

VN0124WBSD01

Tot Ion: 105 Resp: 208794

Ion Ratio Lower Upper

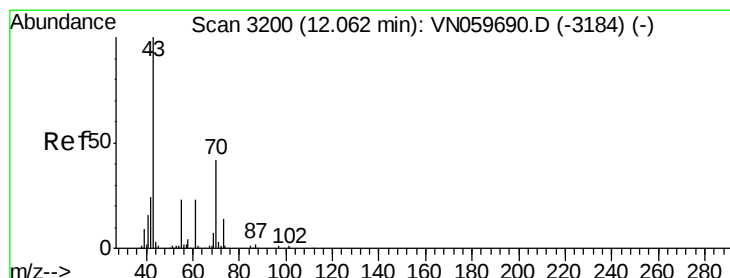
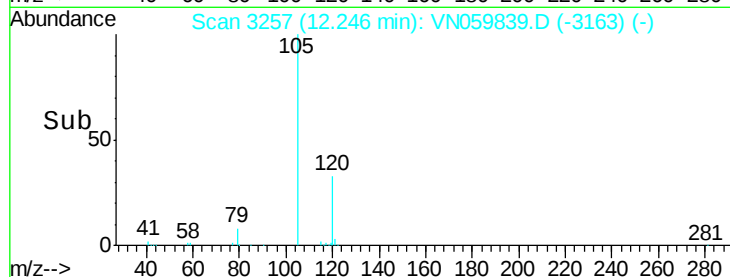
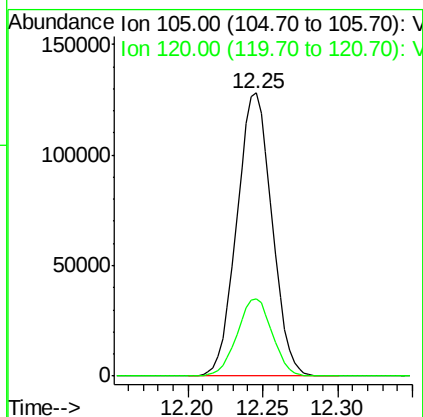
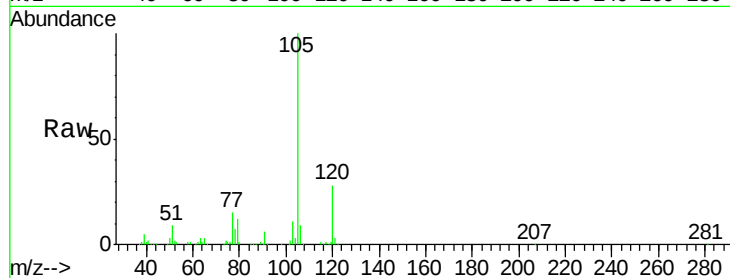
105 100

120 27.4 13.2 39.5

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#74

N-ethyl acetate

Concen: 19.476 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion: 43 Resp: 73917

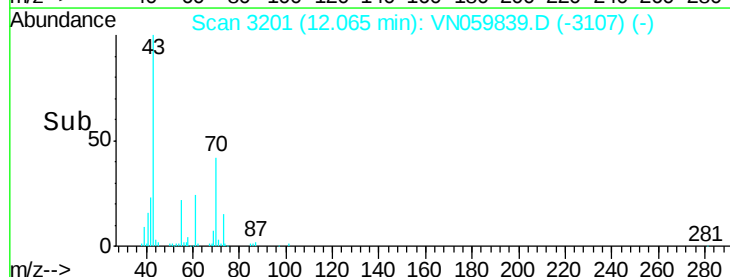
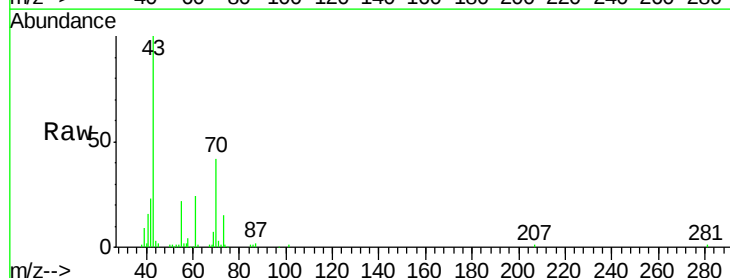
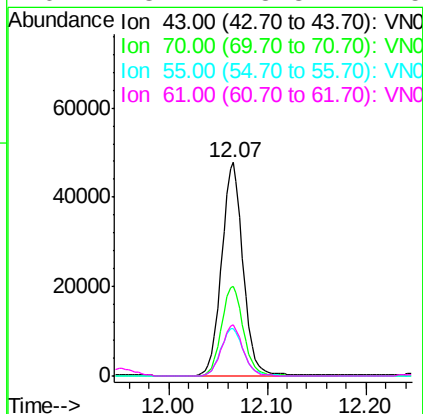
Ion Ratio Lower Upper

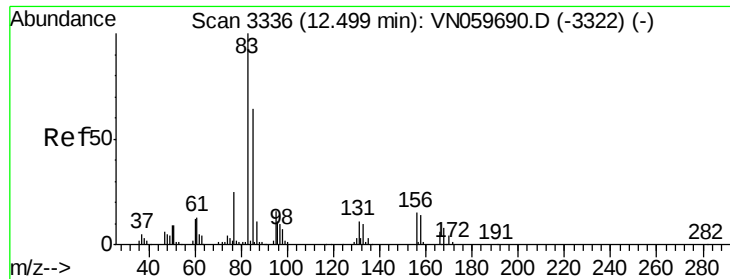
43 100

70 42.3 31.3 46.9

55 23.2 19.8 29.6

61 23.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.353 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

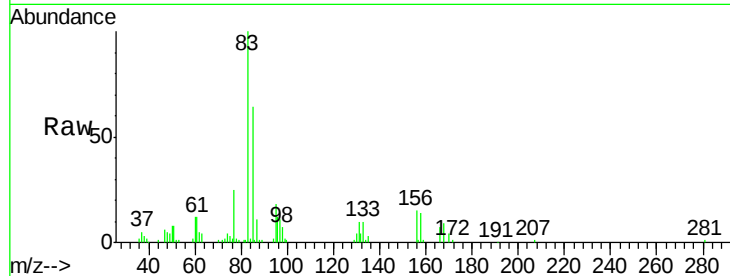
ClientSampleId :

VN0124WBSD01

Tot Ion:	83	Resp:	60547
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	14.9
85	64.2	31.9	95.5

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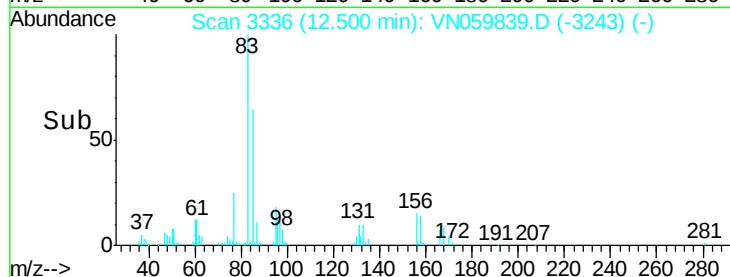


Abundance Ion 82.90 (82.60 to 83.60): VN059690.D (-3322) (-)

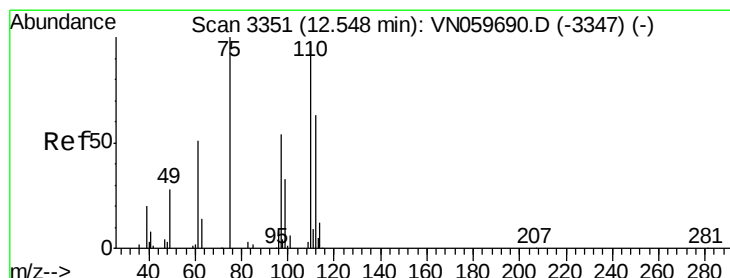
Ion 130.80 (130.50 to 131.50): VN059690.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059690.D (-3322) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 24.542 ug/l m

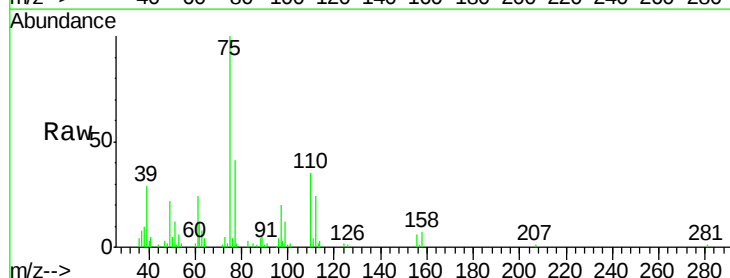
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

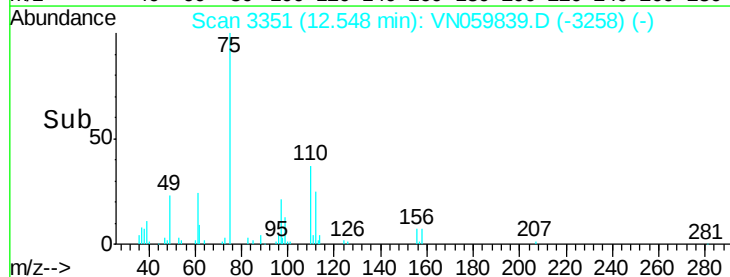
Tgt Ion:	75	Resp:	55082
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059690.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059690.D (-3347) (-)

Time-->



Time-->

Time-->



#77

Bromobenzene

Concen: 22.056 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

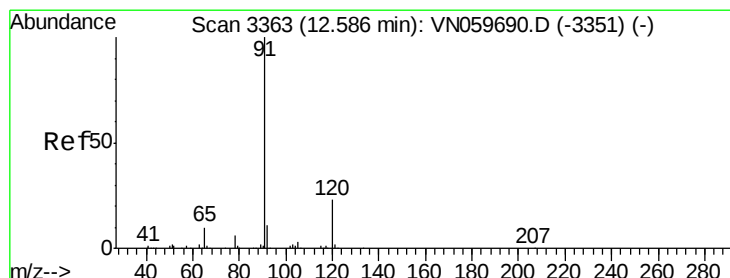
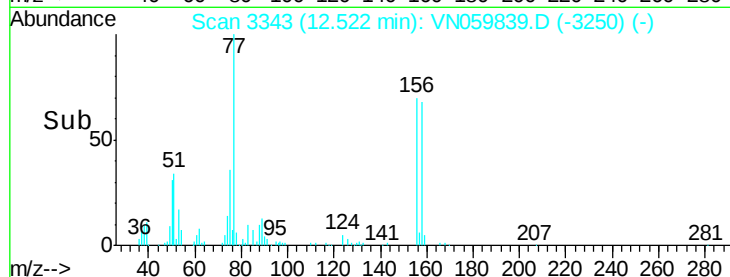
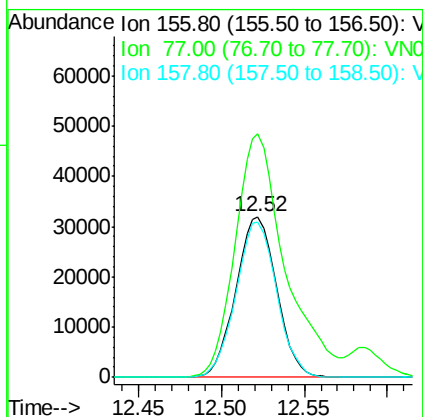
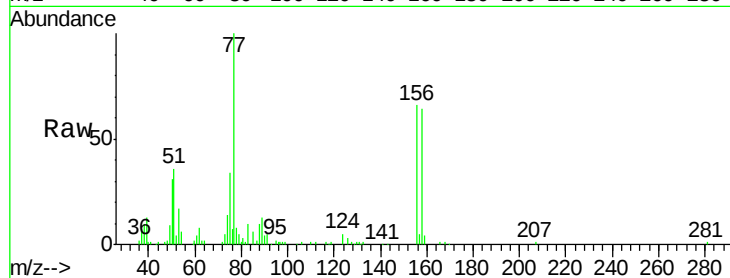
ClientSampleId :

VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.9	115.8	347.4
158	96.7	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.658 ug/l

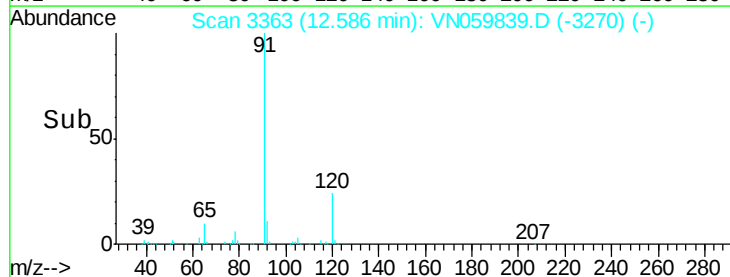
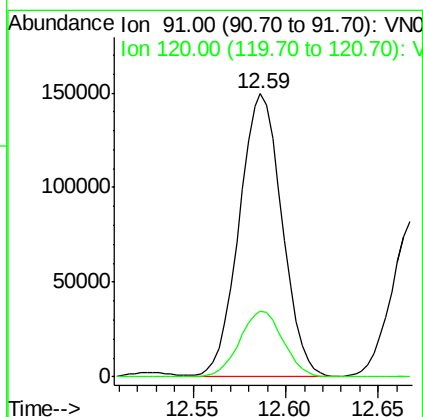
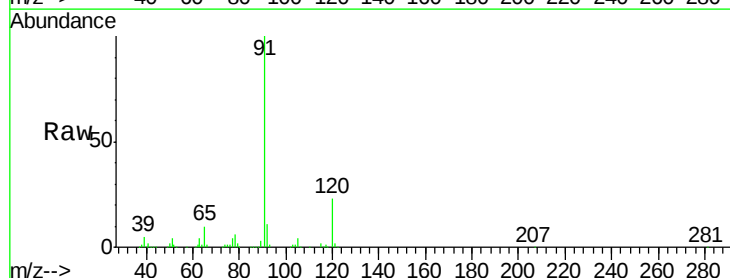
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.1	33.3





#79

2-Chlorotoluene

Concen: 21.490 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

Tot Ion: 91 Resp: 140350

Ion Ratio Lower Upper

91 100

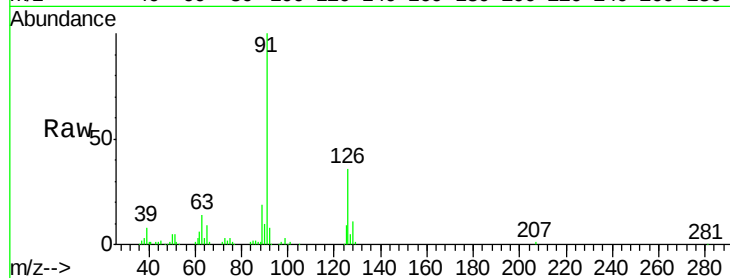
126 35.1 16.3 48.9

Manual Integrations

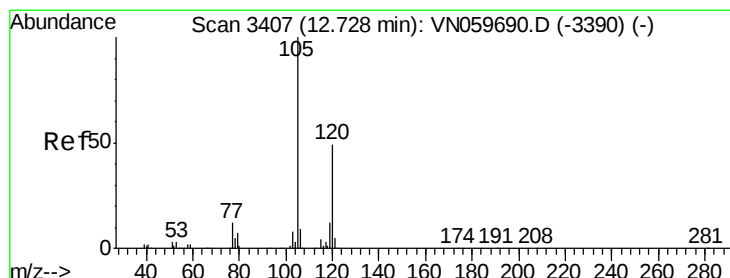
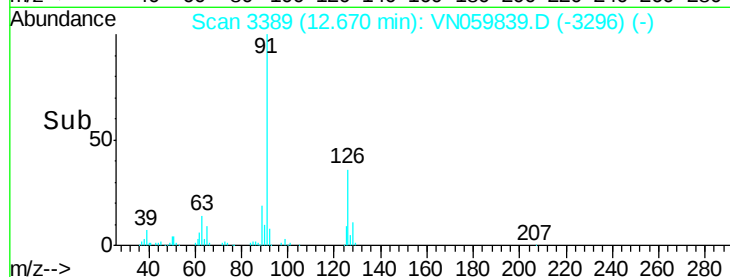
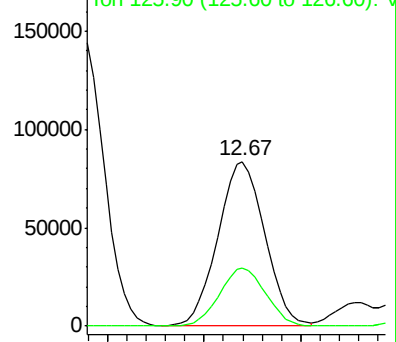
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Abundance Ion 91.00 (90.70 to 91.70): VN059839.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.647 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059839.D

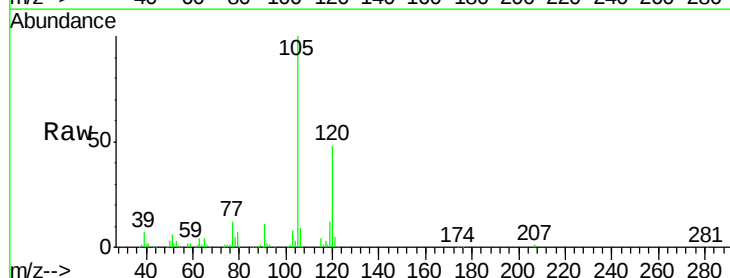
Acq: 24 Jan 2020 12:47

Tgt Ion: 105 Resp: 178064

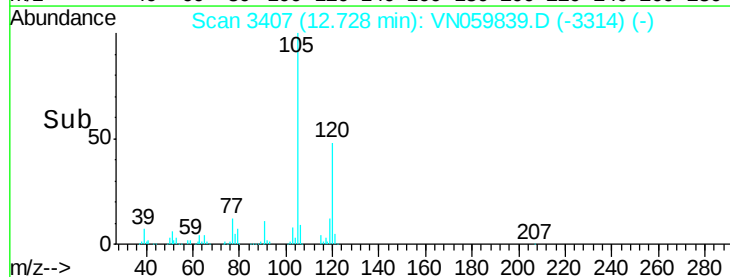
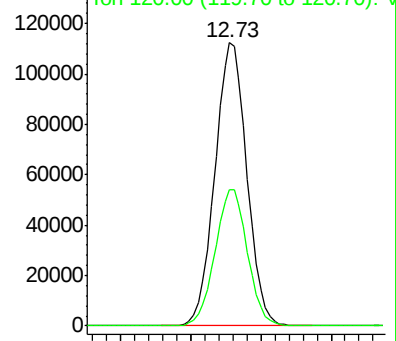
Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059839.D (-3314) (-)





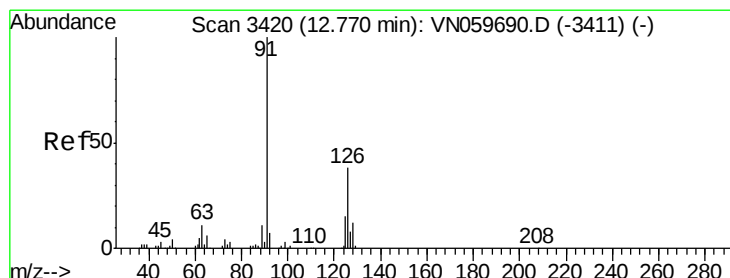
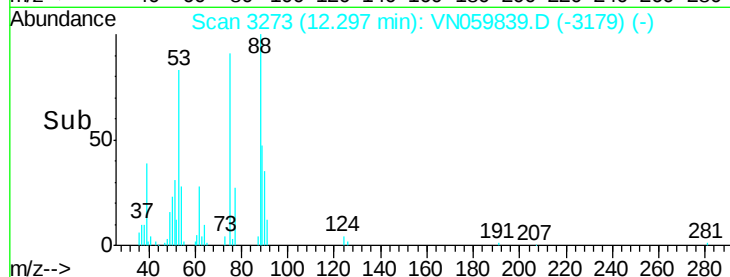
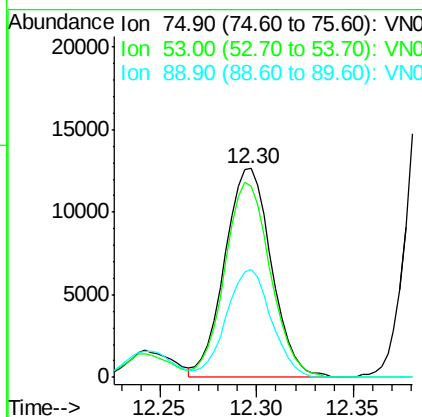
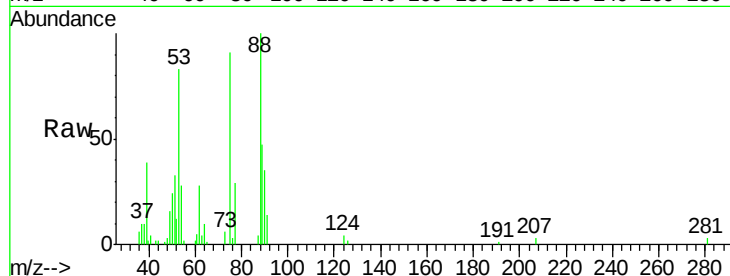
#81
trans-1,4-Dichloro-2-butene
Concen: 20.383 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.3	78.1	117.1
89	49.7	35.4	53.2

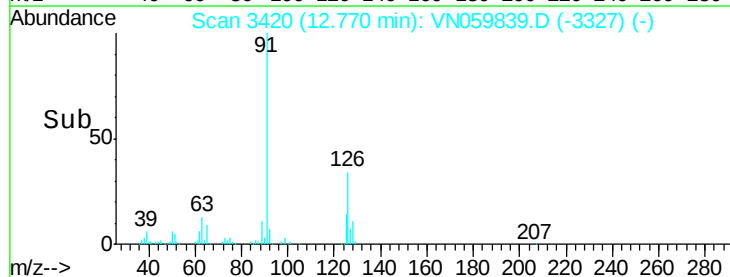
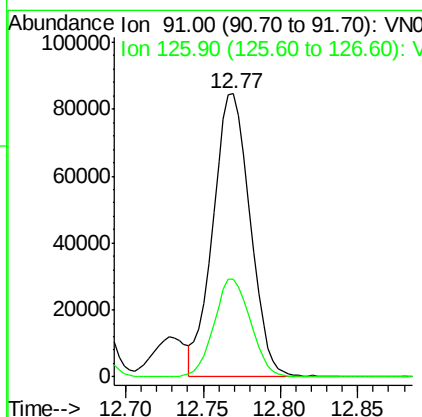
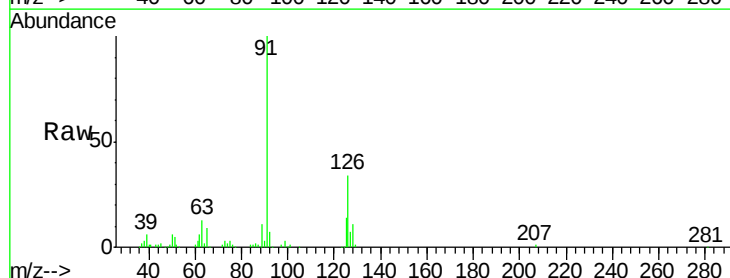
Manual Integrations
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#82
4-Chlorotoluene
Concen: 21.620 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.3	48.8





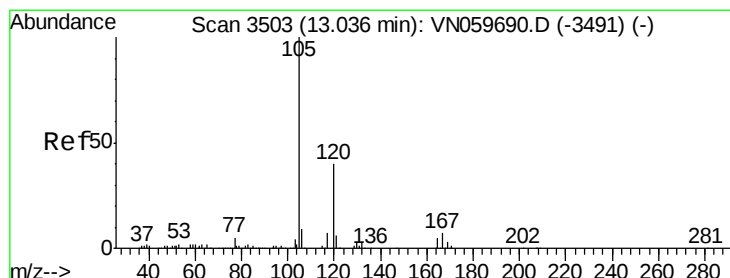
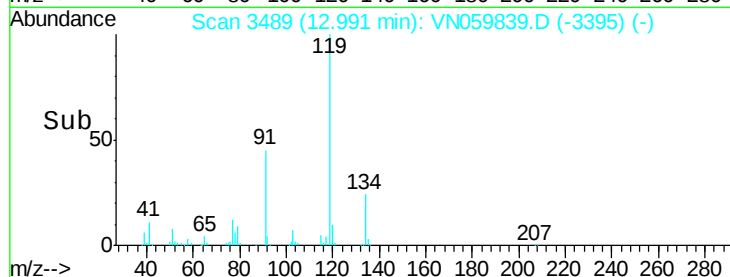
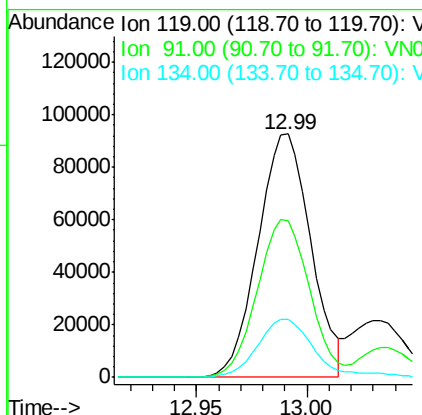
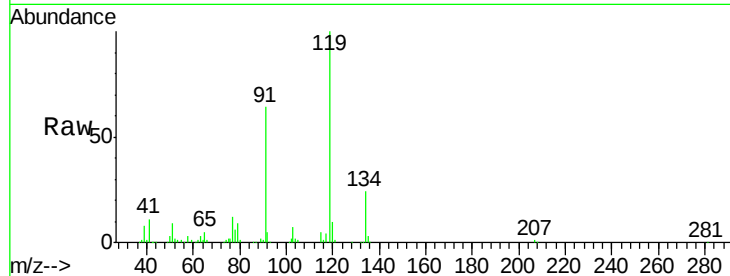
#83
 tert-Butylbenzene
 Concen: 21.667 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	34.8	104.4
134	25.7	12.3	36.9

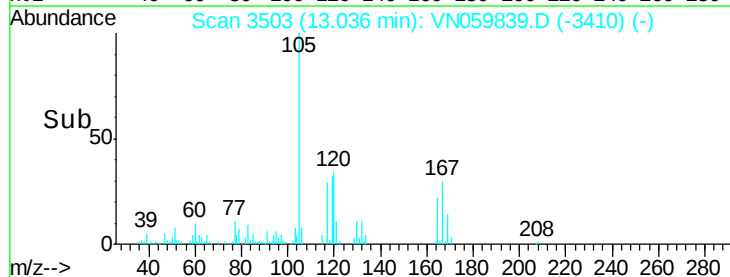
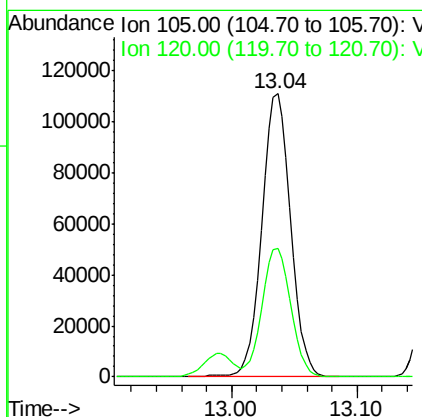
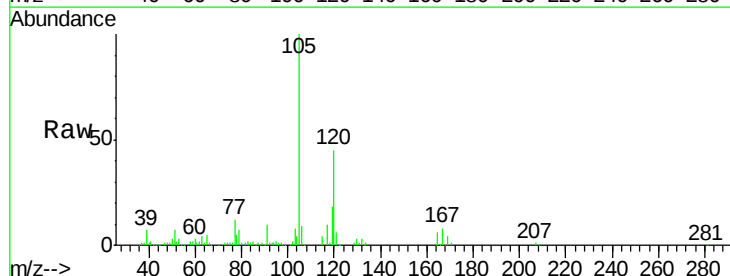
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.787 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.3	66.9





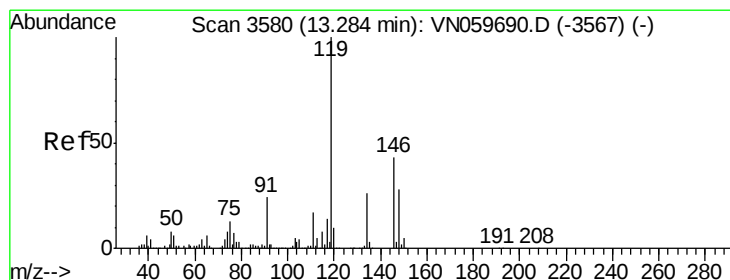
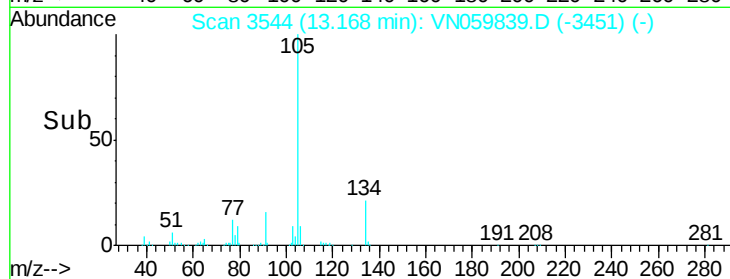
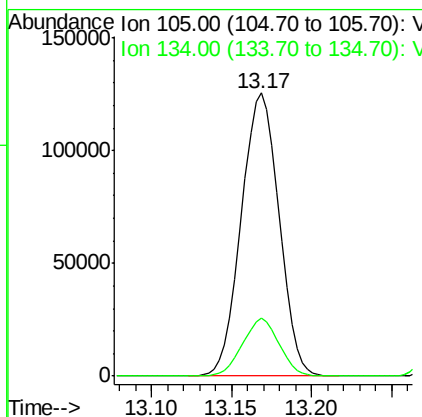
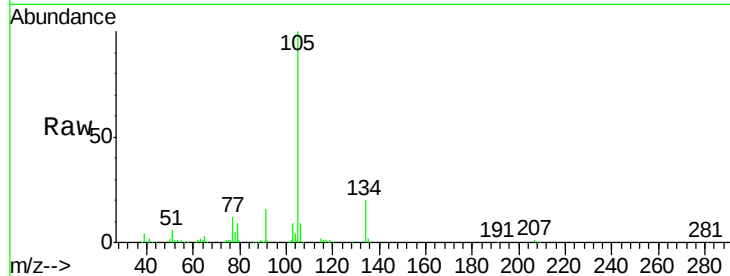
#85
 sec-Butylbenzene
 Concen: 21.593 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

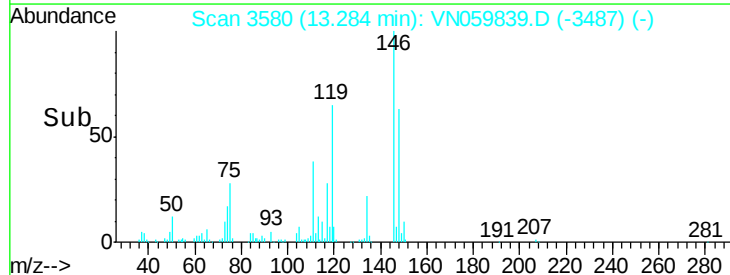
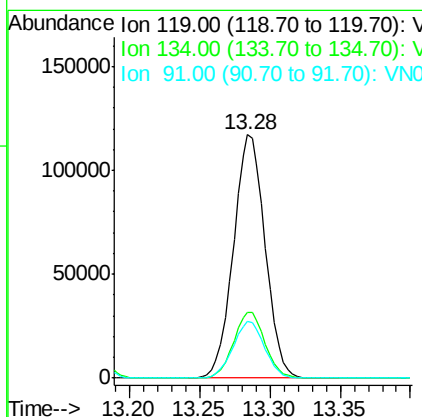
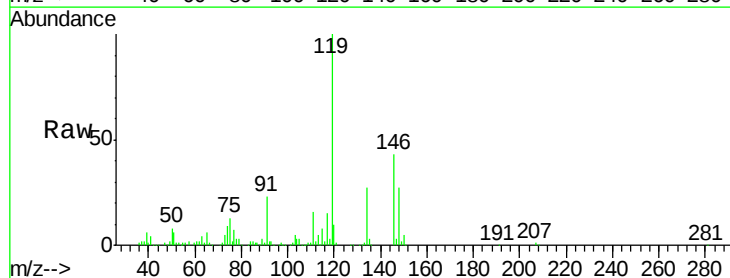
Manual Integrations
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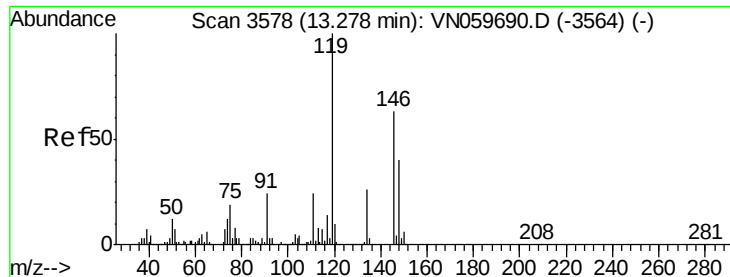
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#86
 p-Isopropyltoluene
 Concen: 21.291 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.9	38.7
91	22.8	12.4	37.4





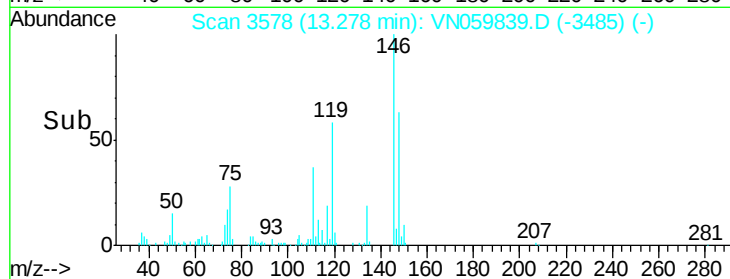
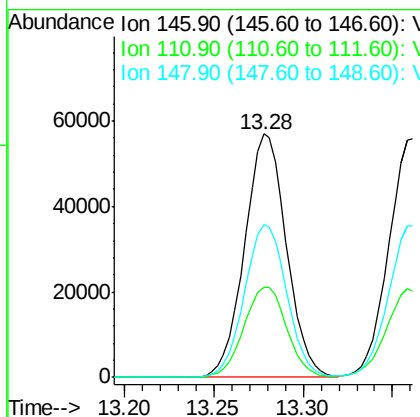
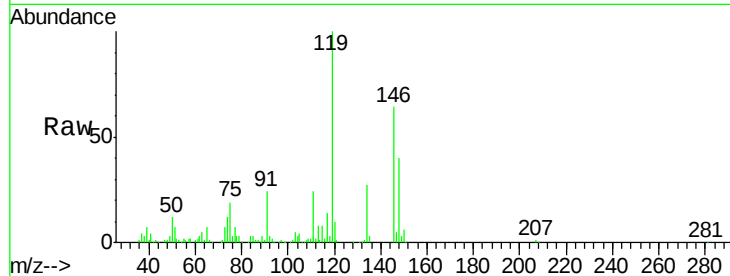
#87
 1,3-Dichlorobenzene
 Concen: 21.637 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.8	62.2
148	63.5	32.0	96.0

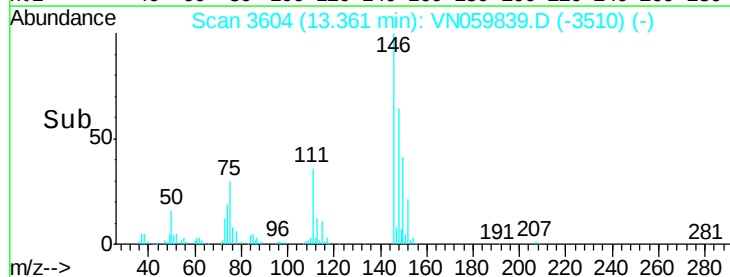
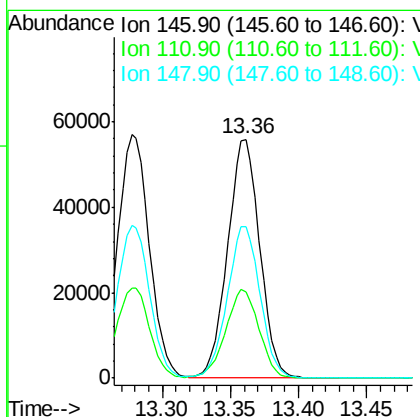
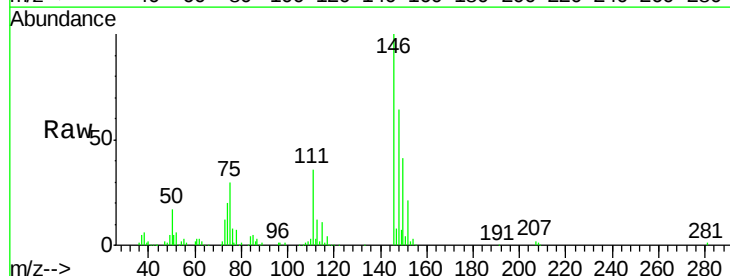
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#88
 1,4-Dichlorobenzene
 Concen: 21.380 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.8	62.2
148	64.7	31.8	95.4





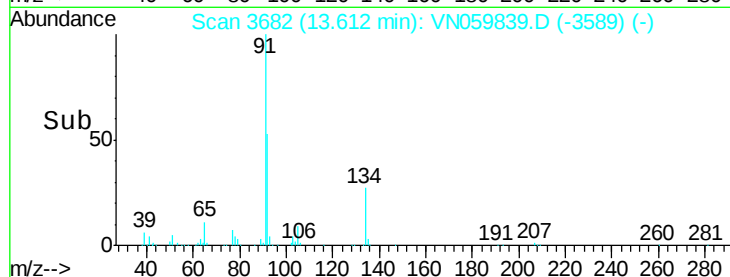
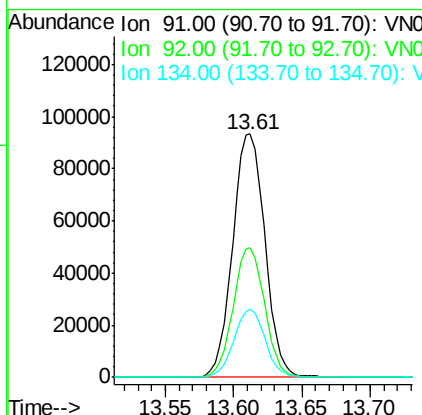
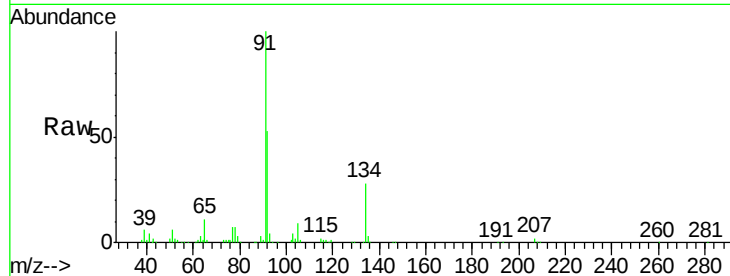
#89
n-Butylbenzene
Concen: 20.773 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.9	77.7
134	27.0	12.3	36.8

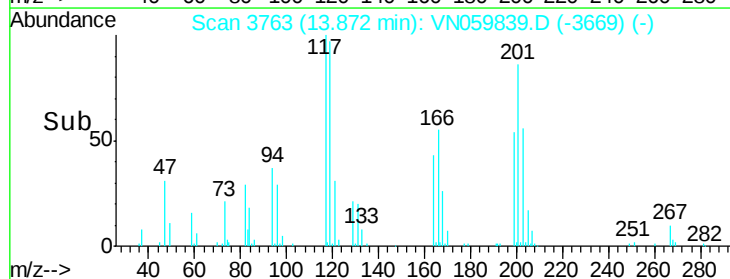
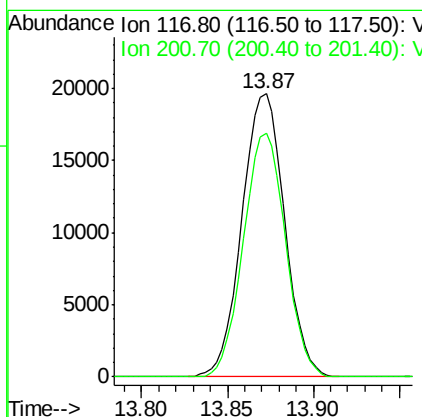
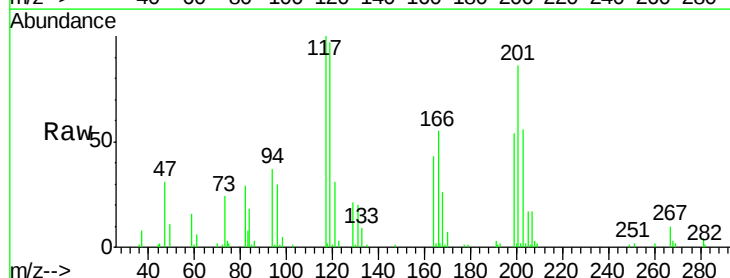
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#90
Hexachloroethane
Concen: 20.870 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	37.8	113.4





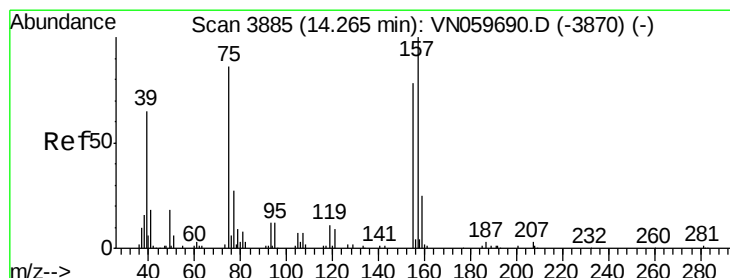
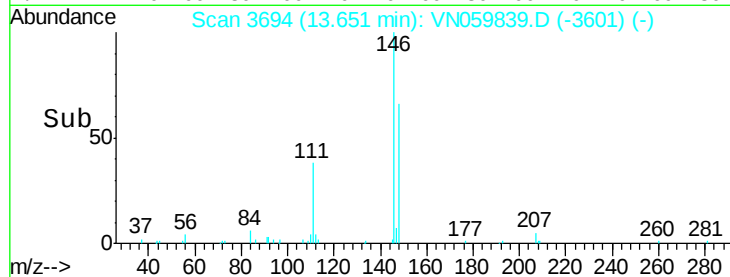
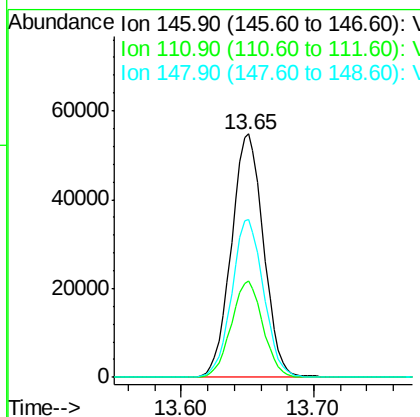
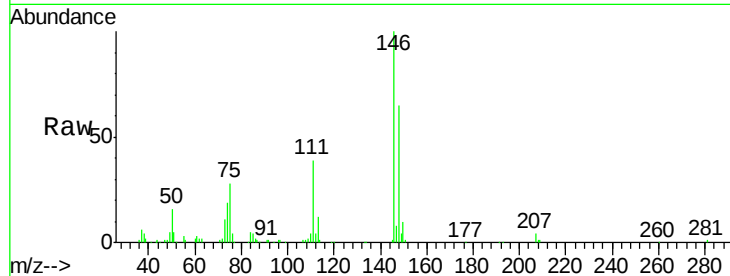
#91
 1,2-Dichlorobenzene
 Concen: 21.734 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 VN0124WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.6	64.8
148	64.0	31.6	95.0

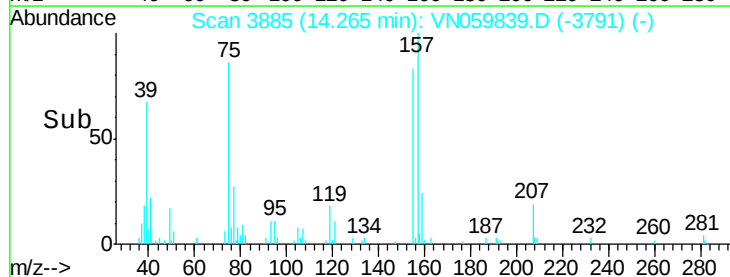
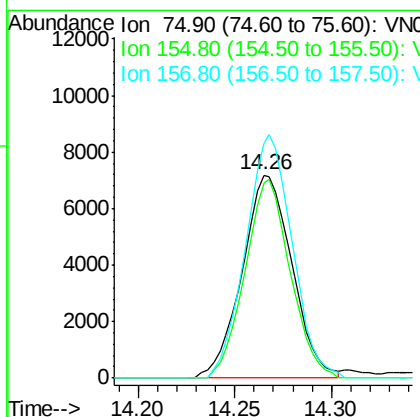
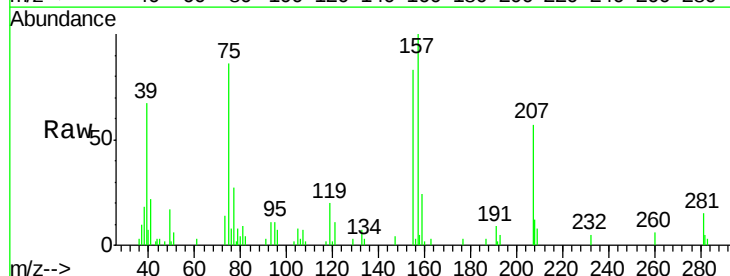
Manual Integrations
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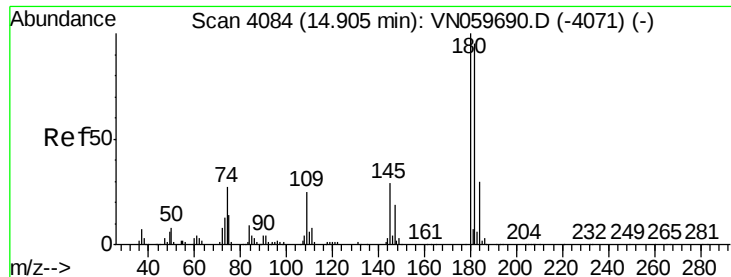
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.906 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059839.D
 Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	37.0	110.9
157	111.8	48.4	145.2





#93

1,2,4-Trichlorobenzene

Concen: 20.493 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Instrument :

MSVOA_N

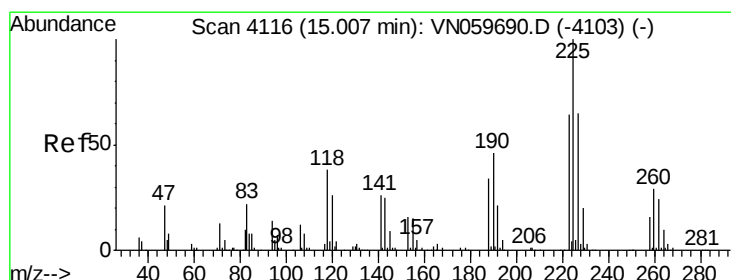
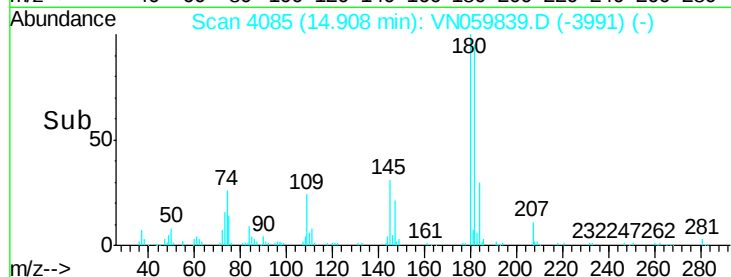
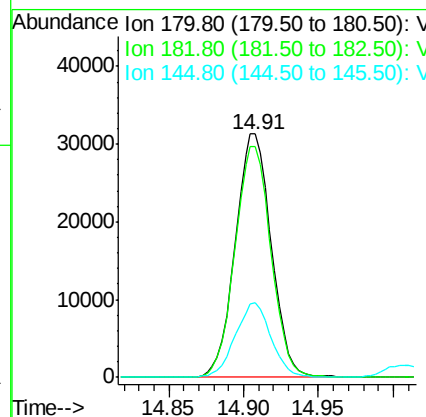
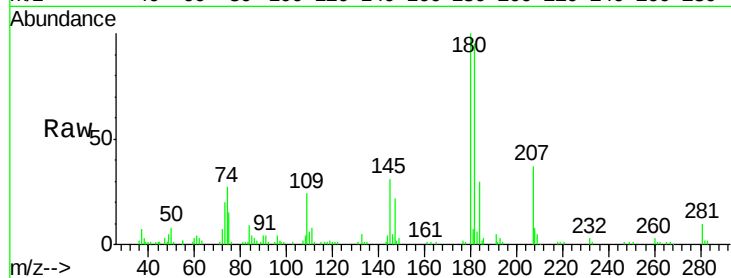
ClientSampleId :

VN0124WBSD01

Tot Ion:	180	Resp:	52376
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.9	140.7
145	30.4	15.0	45.1

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#94

Hexachlorobutadiene

Concen: 21.098 ug/l

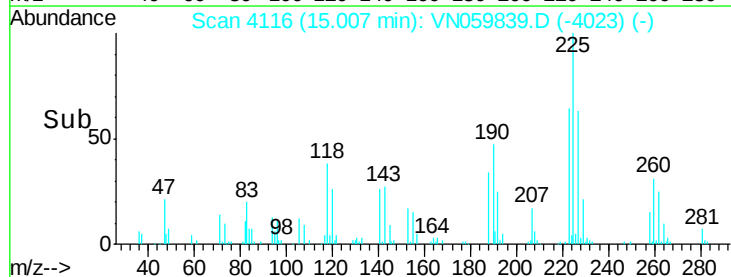
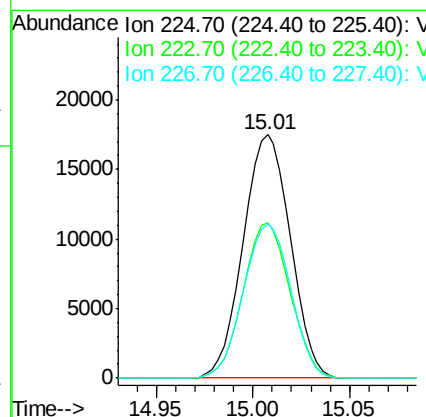
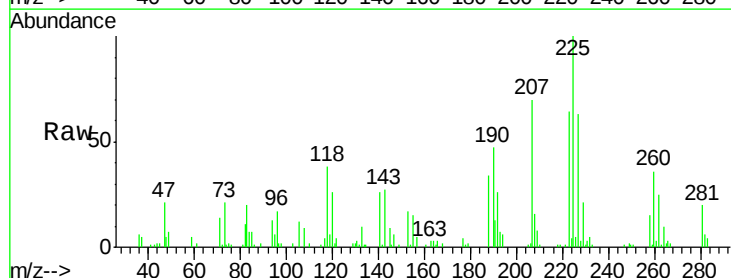
RT: 15.01 min Scan# 4116

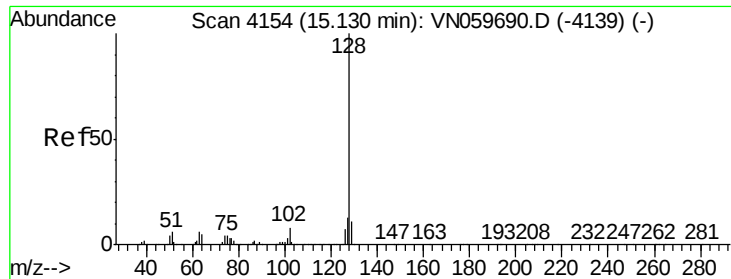
Delta R.T. 0.00 min

Lab File: VN059839.D

Acq: 24 Jan 2020 12:47

Tgt Ion:	225	Resp:	29715
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.8	95.3
227	63.5	32.1	96.5





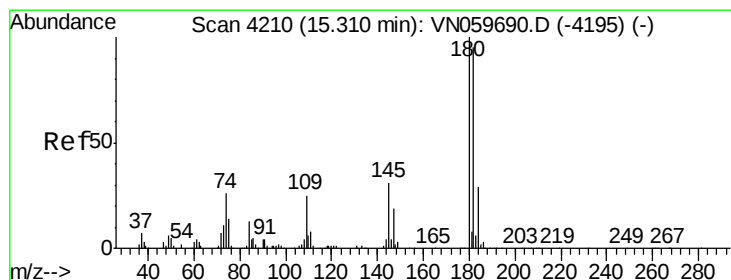
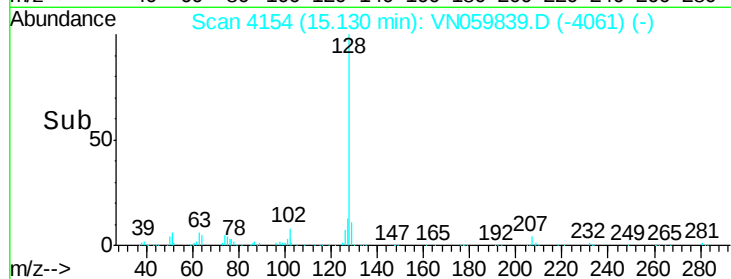
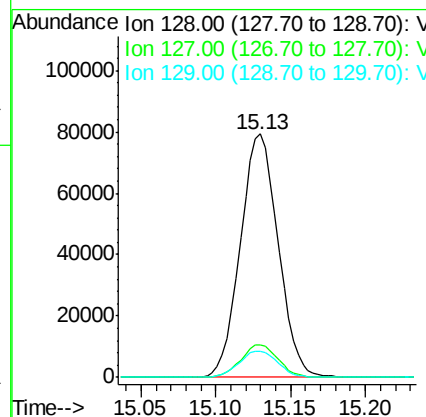
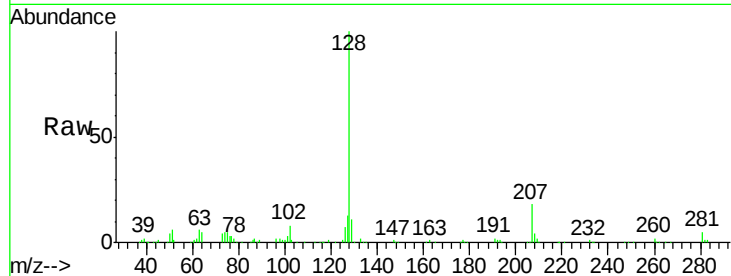
#95
Naphthalene
Concen: 19.199 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.471 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059839.D
Acq: 24 Jan 2020 12:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.4	142.3
145	31.4	16.3	48.9

