

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059782.D
 Acq On : 20 Jan 2020 13:17
 Operator : JC/MD
 Sample : VN0120WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 11:01:07 AM

Quant Time: Jan 21 01:37:26 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	185623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	286847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	258809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	104473	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.57	113	89649	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.08	98	332448	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	116663	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46544	20.964	ug/l	100
3) Chloromethane	2.04	50	42843	20.160	ug/l	99
4) Vinyl Chloride	2.17	62	53916	22.174	ug/l	97
5) Bromomethane	2.54	94	32860	22.144	ug/l	97
6) Chloroethane	2.68	64	24656	21.433	ug/l	97
7) Trichlorofluoromethane	3.00	101	63972	21.907	ug/l	98
8) Diethyl Ether	3.38	74	21788	21.261	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36416	22.407	ug/l	92
10) Methyl Iodide	3.93	142	54576	20.775	ug/l	94
11) Tert butyl alcohol	4.73	59	38255	110.237	ug/l	99
12) 1,1-Dichloroethene	3.72	96	35775	21.066	ug/l	83
13) Acrolein	3.58	56	15724	64.009	ug/l	97
14) Allyl chloride	4.29	41	47694	20.836	ug/l #	86
15) Acrylonitrile	4.95	53	85610	108.149	ug/l	98
16) Acetone	3.78	43	80716	109.164	ug/l	97
17) Carbon Disulfide	4.03	76	94889	19.614	ug/l	98
18) Methyl Acetate	4.29	43	51125	21.233	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	118246	21.355	ug/l	93
20) Methylene Chloride	4.52	84	41244	21.374	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	37844	20.964	ug/l	88
22) Diisopropyl ether	5.91	45	107197	20.665	ug/l	94
23) Vinyl Acetate	5.86	43	415296	103.402	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	66148	20.869	ug/l	97
25) 2-Butanone	6.80	43	113498	97.227	ug/l #	89
26) 2,2-Dichloropropane	6.80	77	63102	20.708	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	44054	21.217	ug/l	88
28) Bromochloromethane	7.17	49	27076	21.373	ug/l #	72
29) Tetrahydrofuran	7.18	42	73266	101.439	ug/l #	86
30) Chloroform	7.35	83	70504	21.468	ug/l	99
31) Cyclohexane	7.63	56	60629	19.879	ug/l	86
32) 1,1,1-Trichloroethane	7.54	97	66108	21.771	ug/l	95
36) 1,1-Dichloropropene	7.77	75	51567	20.644	ug/l	95
37) Ethyl Acetate	6.90	43	46745	19.952	ug/l	96
38) Carbon Tetrachloride	7.75	117	57712	21.239	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	63067	20.476	ug/l	91
40) Benzene	8.02	78	154316	20.714	ug/l	100
41) Methacrylonitrile	7.15	41	18598m	16.116	ug/l	
42) 1,2-Dichloroethane	8.10	62	54656	21.638	ug/l	95
43) Isopropyl Acetate	8.14	43	81229	20.157	ug/l #	94
44) Trichloroethene	8.82	130	44874	22.065	ug/l	92
45) 1,2-Dichloropropane	9.10	63	38571	20.923	ug/l	99
46) Dibromomethane	9.19	93	27793	21.373	ug/l	90
47) Bromodichloromethane	9.39	83	56261	21.469	ug/l	98
48) Methyl methacrylate	9.18	41	36056	20.003	ug/l	90
49) 1,4-Dioxane	9.18	88	15101	457.634	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	235586	101.130	ug/l	95
52) Toluene	10.14	92	97809	20.785	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	60301	20.609	ug/l	96
54) cis-1,3-Dichloropropene	9.82	75	66393	21.565	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	40357	21.654	ug/l	95
56) Ethyl methacrylate	10.42	69	56229	19.745	ug/l	93
57) 1,3-Dichloropropane	10.70	76	63898	21.595	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	89349	104.166	ug/l	90
59) 2-Hexanone	10.74	43	169995	99.055	ug/l	93
60) Dibromochloromethane	10.89	129	44756	21.088	ug/l	100
61) 1,2-Dibromoethane	10.99	107	40984	20.981	ug/l	98
64) Tetrachloroethene	10.62	164	44210	20.959	ug/l	94
65) Chlorobenzene	11.43	112	106716	20.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43189	21.972	ug/l	99
67) Ethyl Benzene	11.50	91	191239	20.709	ug/l	97
68) m/p-Xylenes	11.62	106	145159	41.614	ug/l	93
69) o-Xylene	11.94	106	70696	20.701	ug/l	94
70) Styrene	11.96	104	112667	19.716	ug/l	96
71) Bromoform	12.12	173	33681	21.392	ug/l #	100
73) Isopropylbenzene	12.25	105	190257	21.386	ug/l	100
74) N-amyl acetate	12.07	43	66667	19.313	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	53716	20.828	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	44752m	21.922	ug/l	
77) Bromobenzene	12.52	156	47723	21.183	ug/l	82
78) n-propylbenzene	12.59	91	210033	21.035	ug/l	97
79) 2-Chlorotoluene	12.67	91	123512	20.793	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	158739	21.217	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19125	20.119	ug/l	94
82) 4-Chlorotoluene	12.77	91	124031	20.818	ug/l	95
83) tert-Butylbenzene	12.99	119	137590	21.263	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	157451	21.272	ug/l	98
85) sec-Butylbenzene	13.17	105	179211	21.080	ug/l	98
86) p-Isopropyltoluene	13.28	119	165046	20.981	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	82761	21.149	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	82701	21.184	ug/l	97
89) n-Butylbenzene	13.61	91	136737	20.387	ug/l	98
90) Hexachloroethane	13.87	117	30992	21.057	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	82013	21.199	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12093	20.619	ug/l	85

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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)
93) 1,2,4-Trichlorobenzene	14.91	180	48179	20.725	ug/l	99
94) Hexachlorobutadiene	15.01	225	27809	21.708	ug/l	99
95) Naphthalene	15.13	128	130789	19.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	46994	20.769	ug/l	98

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

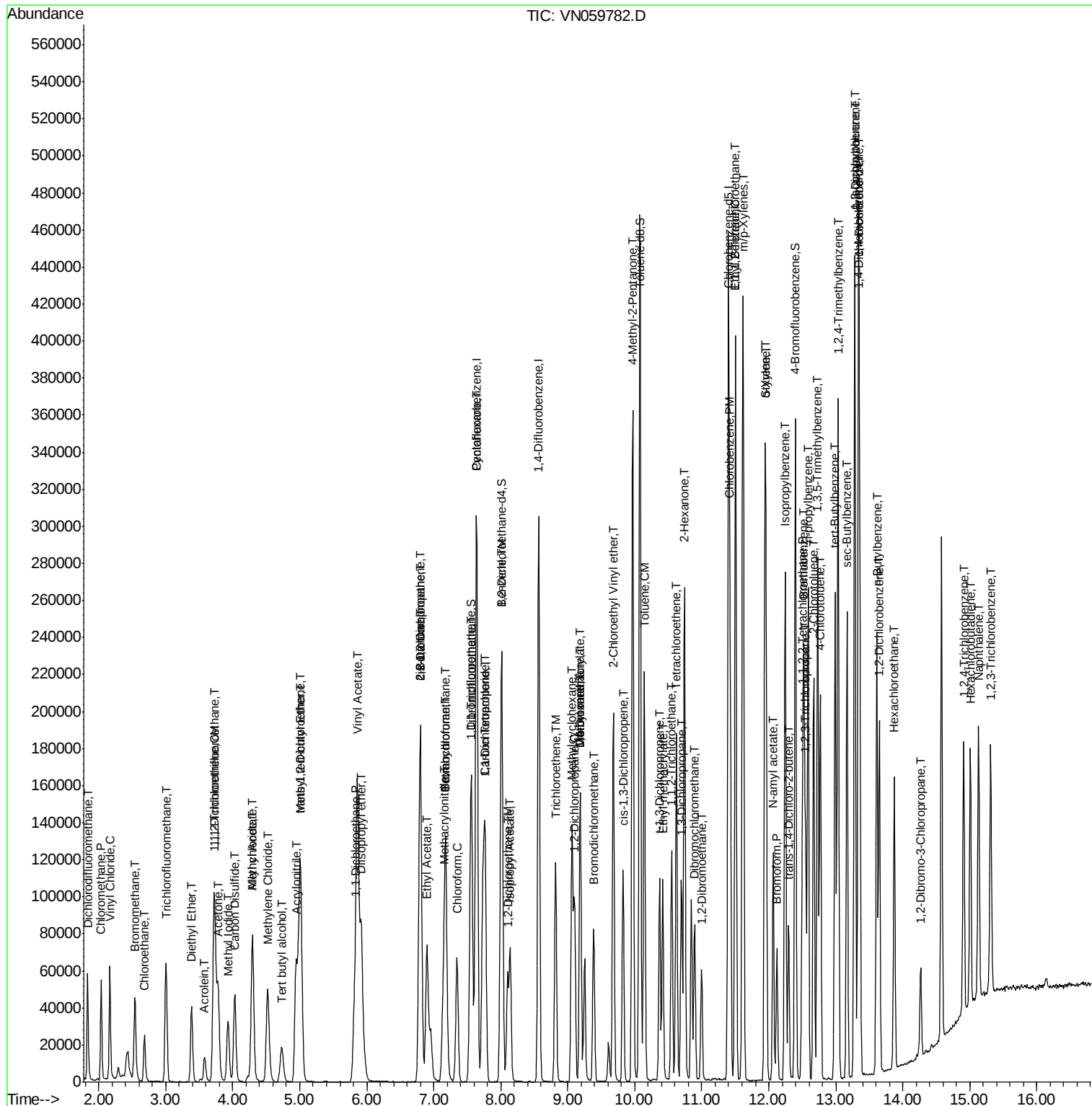
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Data File : VN059782.D
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tot Ion:168 Resp: 185623

Ion Ratio Lower Upper

168 100

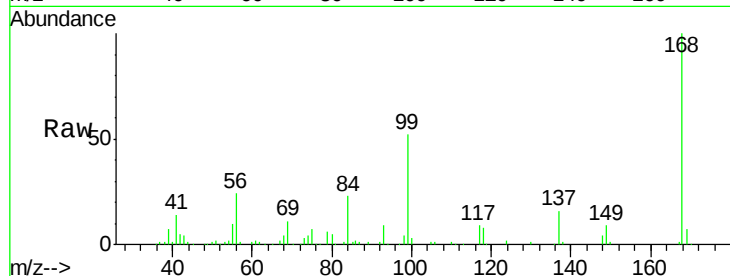
99 51.7 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

80000

60000

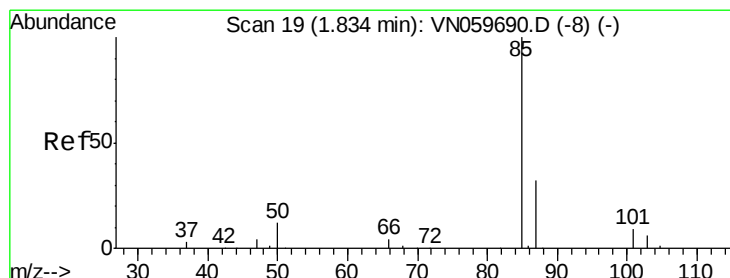
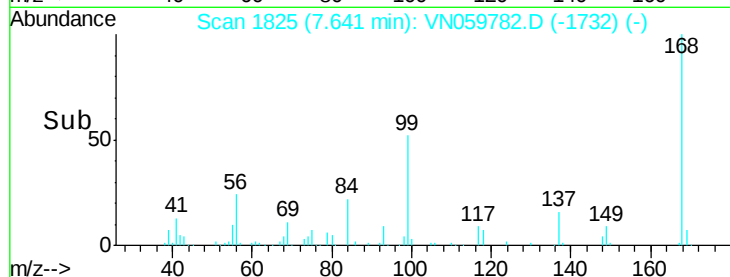
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.964 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059782.D

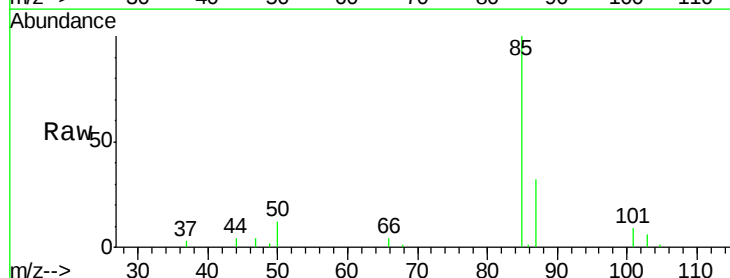
Acq: 20 Jan 2020 13:17

Tgt Ion: 85 Resp: 46544

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

30000

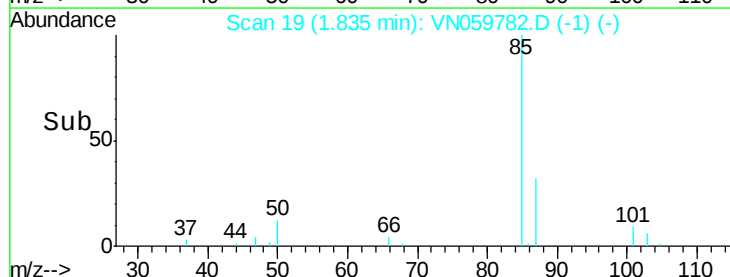
20000

10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.160 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tot Ion: 50 Resp: 42843

Ion Ratio Lower Upper

50 100

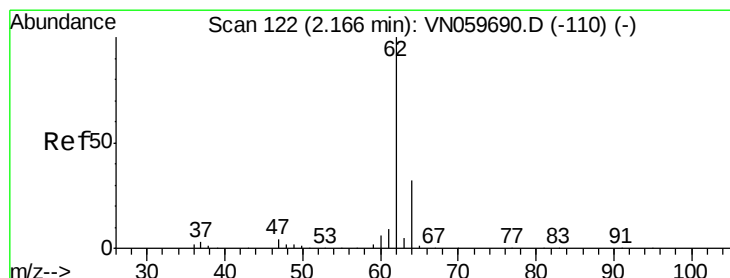
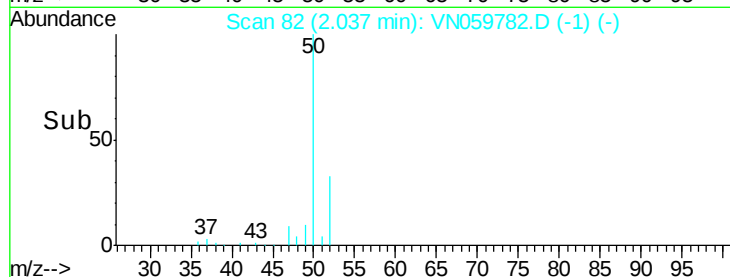
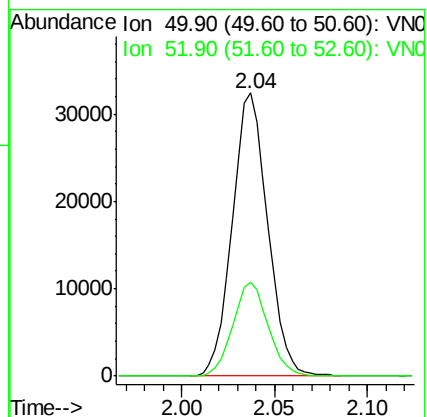
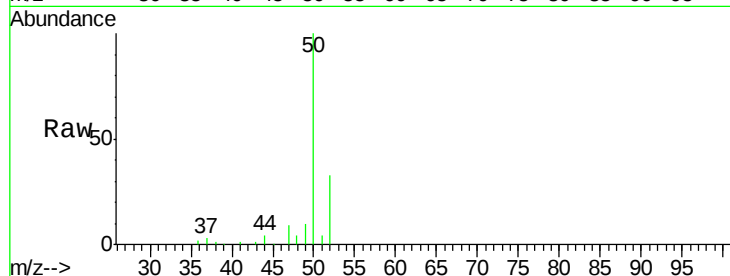
52 33.1 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.174 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059782.D

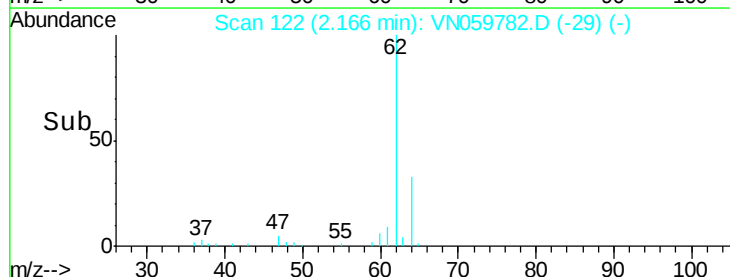
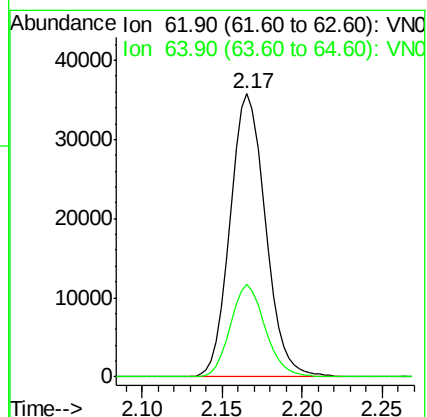
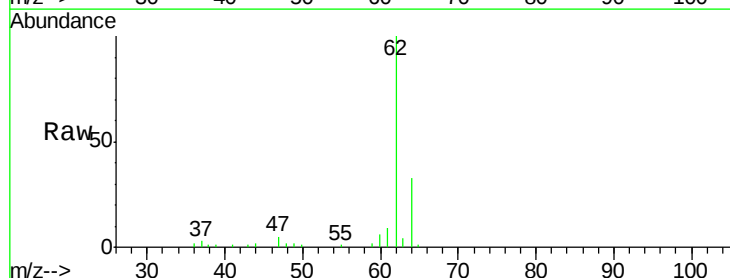
Acq: 20 Jan 2020 13:17

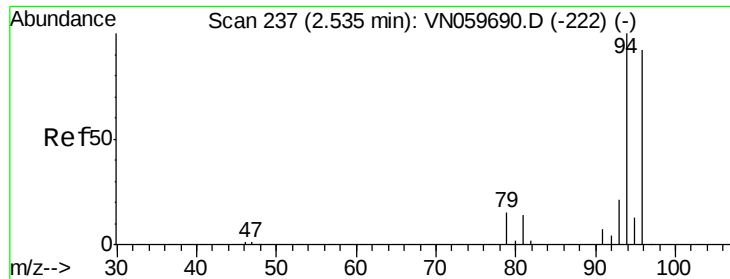
Tgt Ion: 62 Resp: 53916

Ion Ratio Lower Upper

62 100

64 32.6 24.6 37.0





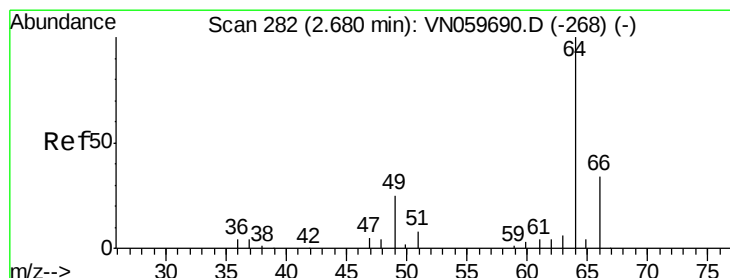
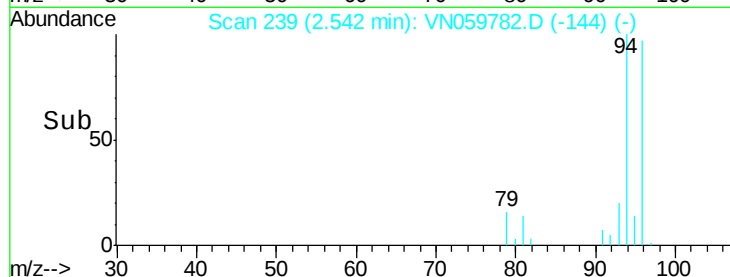
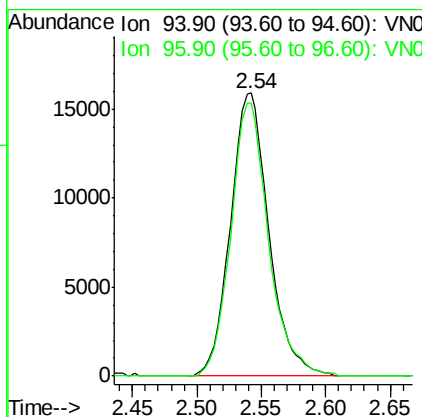
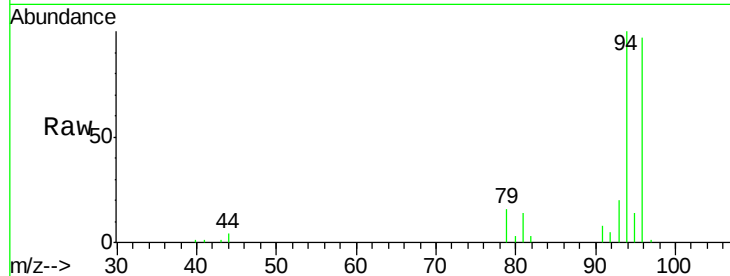
#5
Bromomethane
Concen: 22.144 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0120WBSD01

Tot Ion: 94 Resp: 32860
Ion Ratio Lower Upper
94 100
96 96.5 74.7 112.1

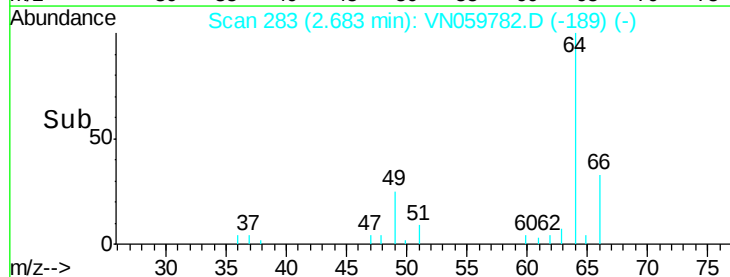
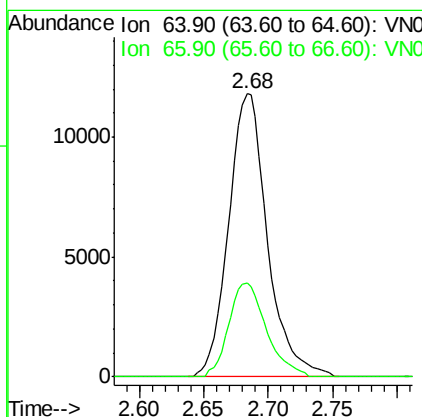
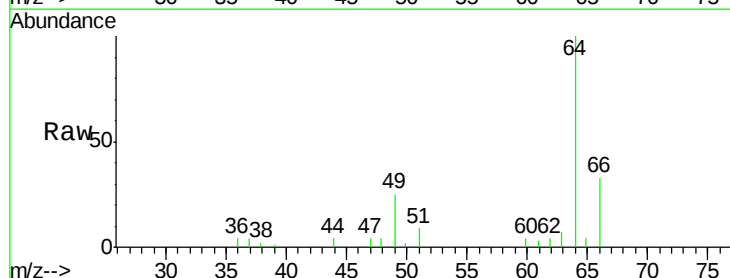
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#6
Chloroethane
Concen: 21.433 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion: 64 Resp: 24656
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7





#7

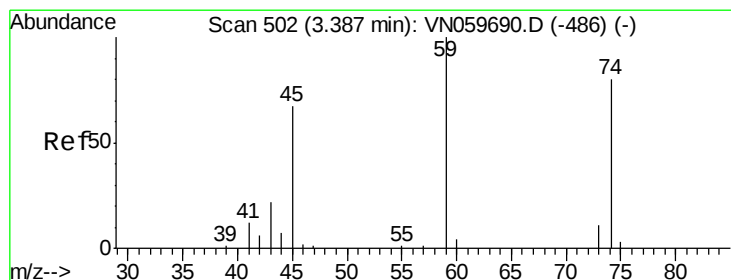
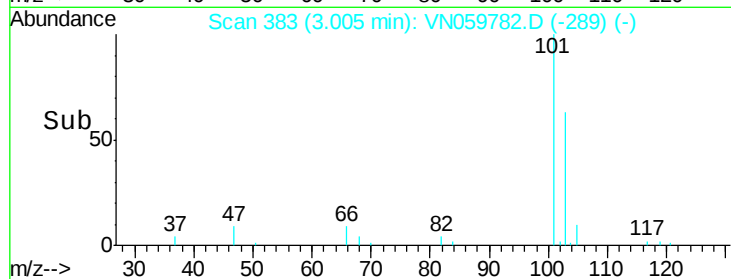
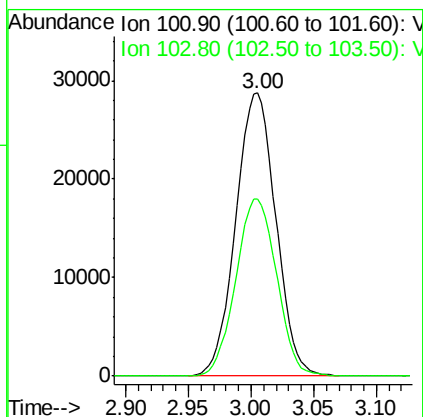
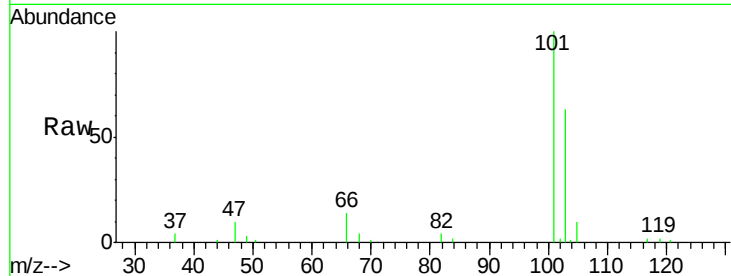
Trichlorofluoromethane
Concen: 21.907 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion:101 Resp: 63972
Ion Ratio Lower Upper
101 100
103 62.6 51.0 76.6

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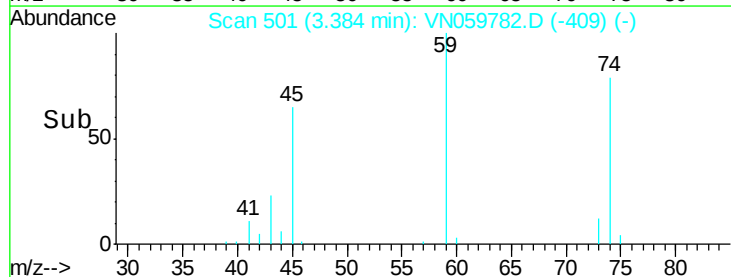
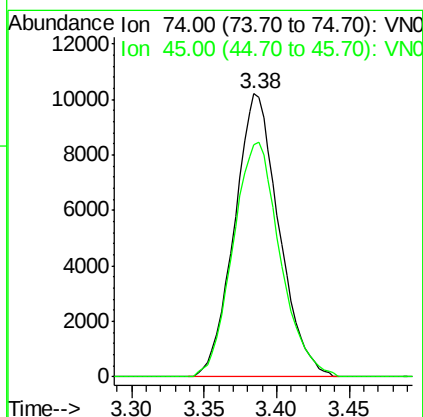
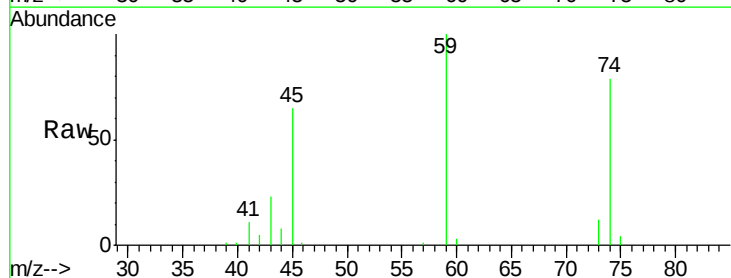
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1/21/2020 11:01:07 AM



#8

Diethyl Ether
Concen: 21.261 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion: 74 Resp: 21788
Ion Ratio Lower Upper
74 100
45 87.6 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.407 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

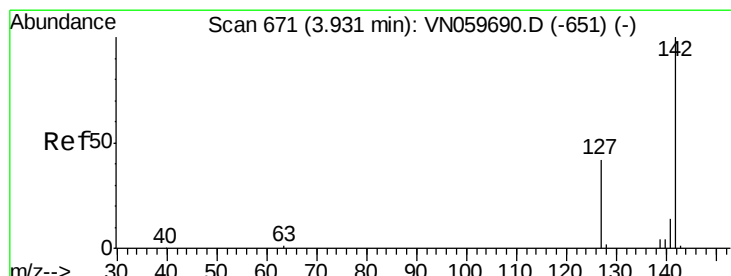
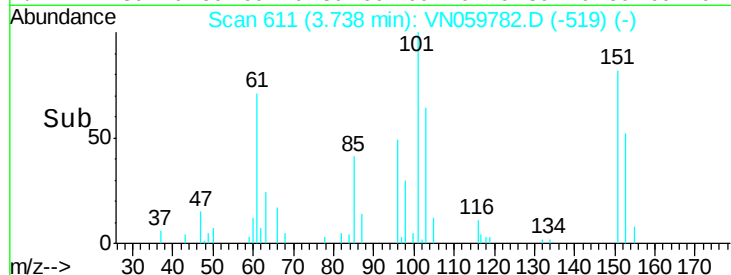
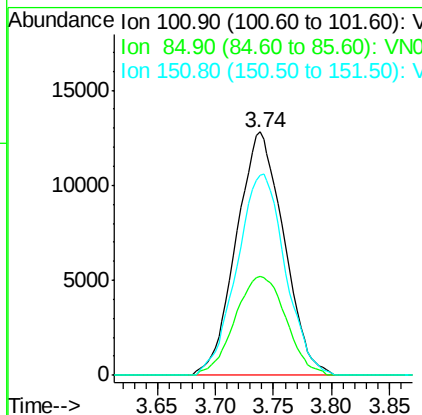
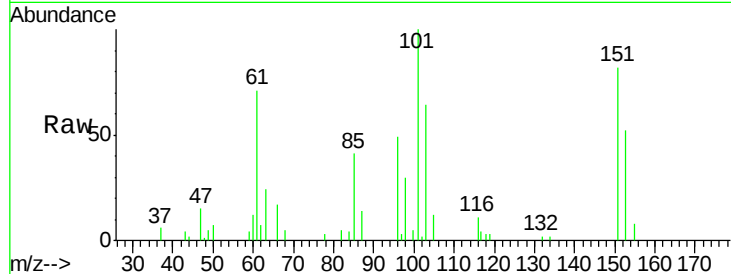
ClientSampleId :

VN0120WBSD01

Tot Ion:	101	Resp:	36416
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.6	54.8
151	84.2	59.7	89.5

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#10

Methyl Iodide

Concen: 20.775 ug/l

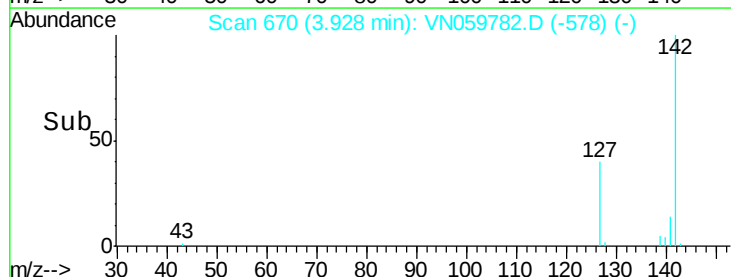
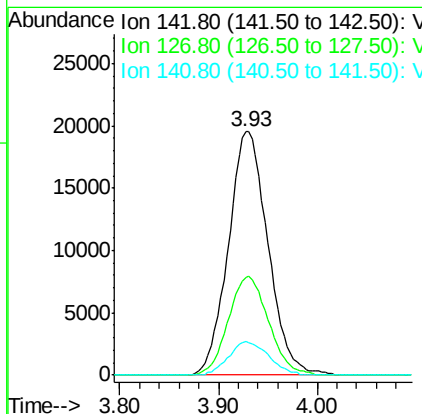
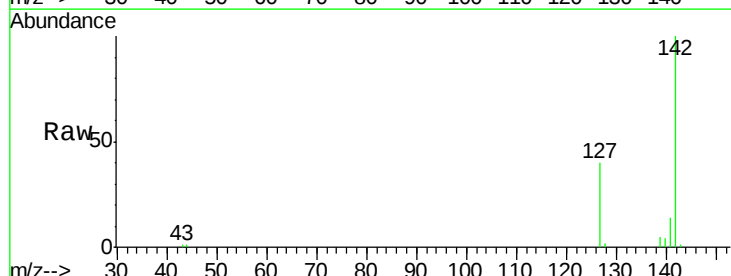
RT: 3.93 min Scan# 670

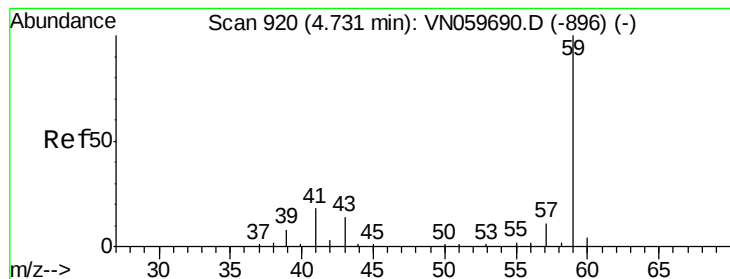
Delta R.T. -0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Tgt Ion:	142	Resp:	54576
Ion Ratio	Lower	Upper	
142	100		
127	41.1	36.7	55.1
141	13.9	11.7	17.5





#11

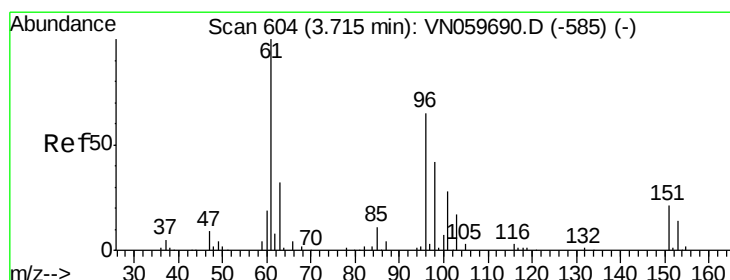
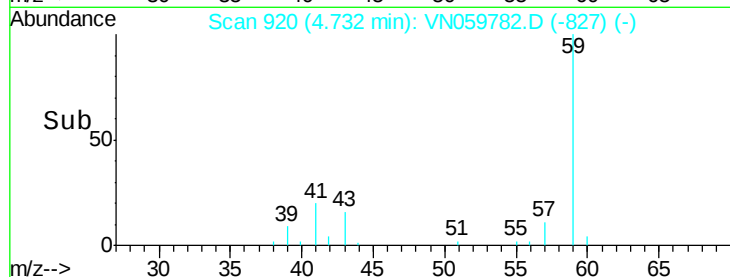
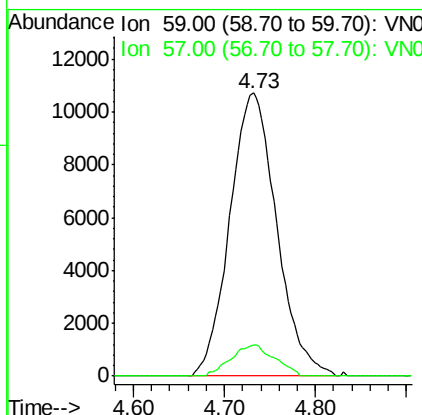
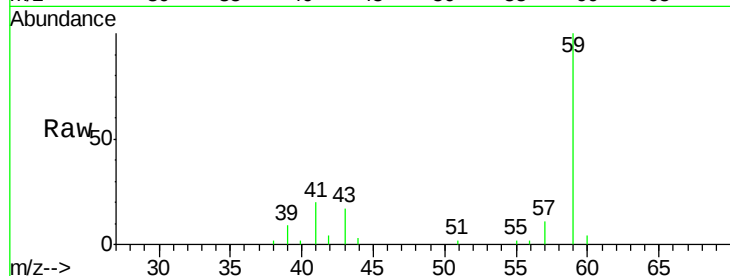
Tert butyl alcohol
 Concen: 110.237 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	12.8

Manual Integrations
 APPROVED

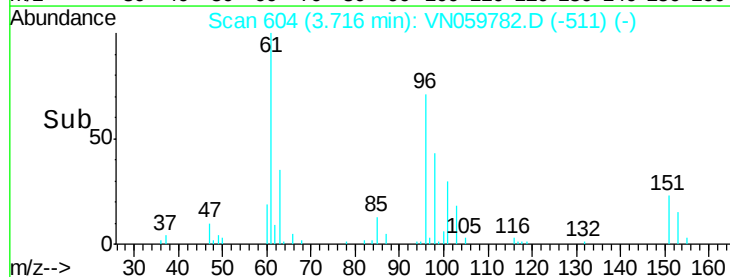
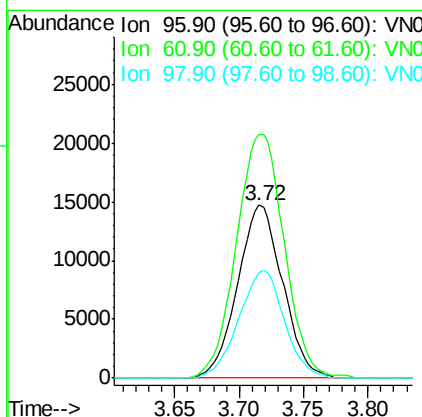
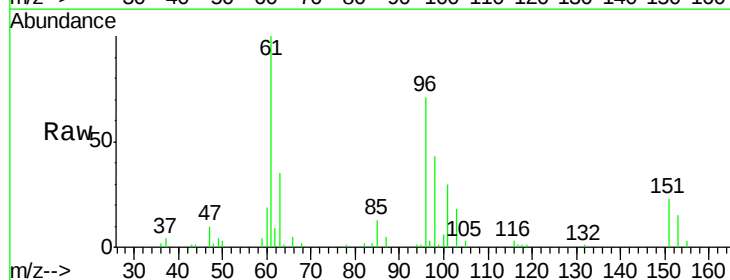
MMDadoda
 1/21/2020 11:01:07 AM



#12

1,1-Dichloroethene
 Concen: 21.066 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.5	137.5	206.3
98	60.7	50.2	75.4





#13

Acrolein

Concen: 64.009 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tot Ion: 56 Resp: 15724

Ion Ratio Lower Upper

56 100

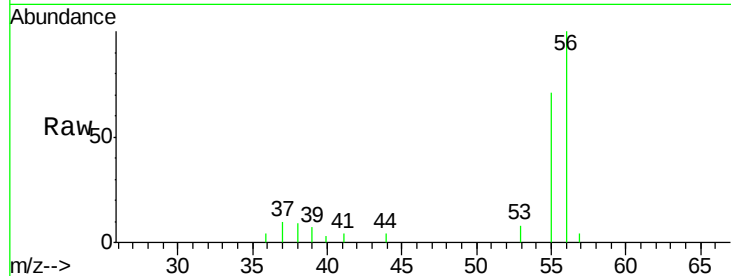
55 70.7 58.6 88.0

Manual Integrations

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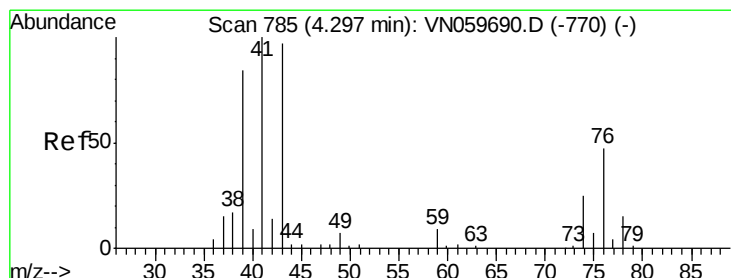
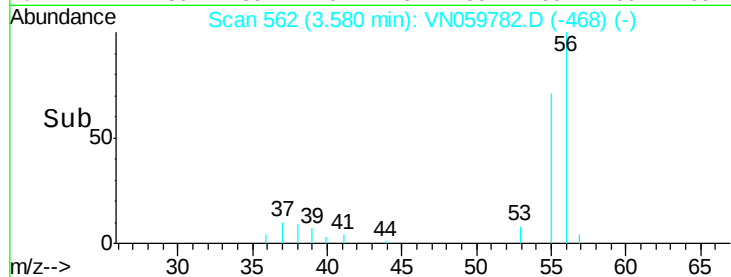
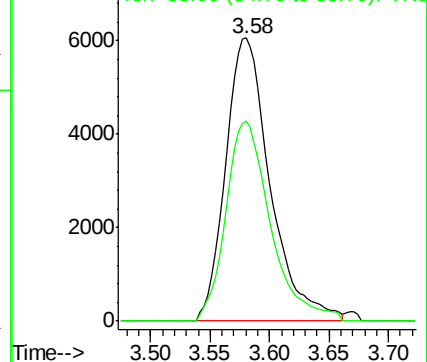
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.836 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

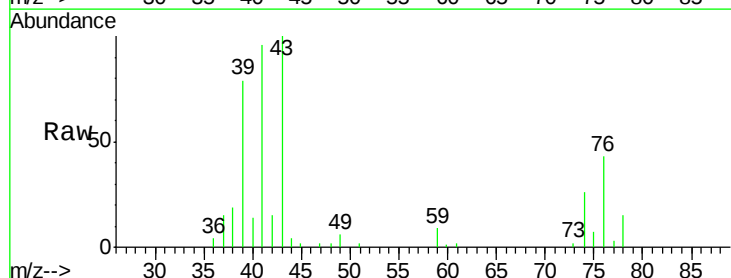
Tgt Ion: 41 Resp: 47694

Ion Ratio Lower Upper

41 100

39 81.7 57.8 86.8

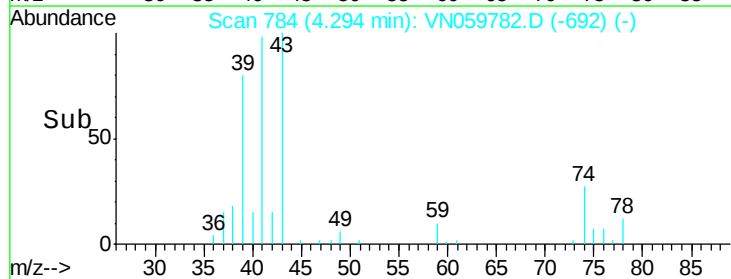
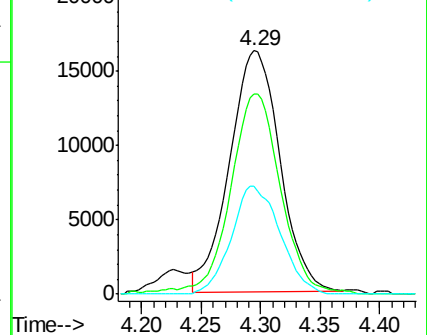
76 43.3 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





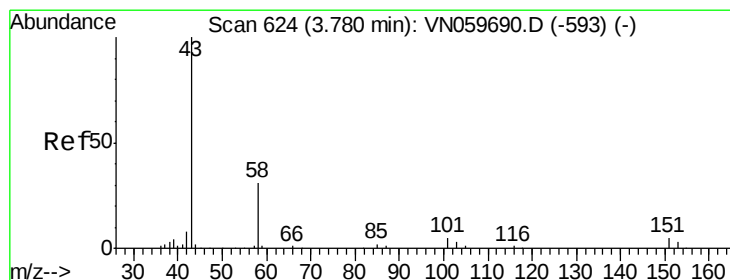
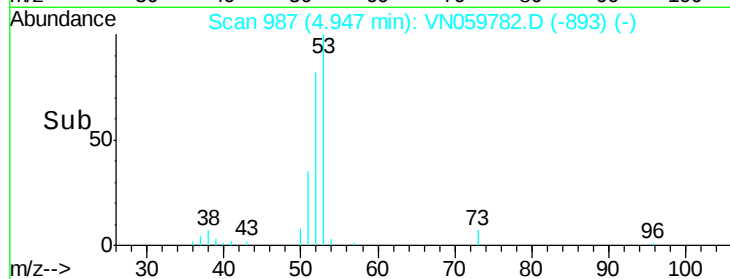
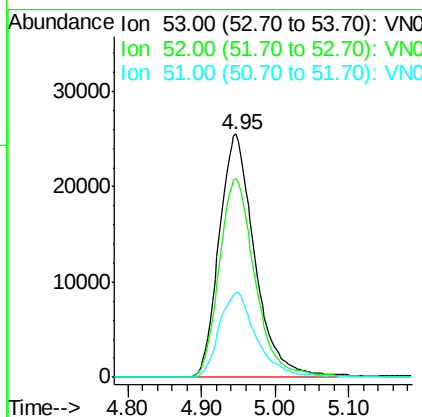
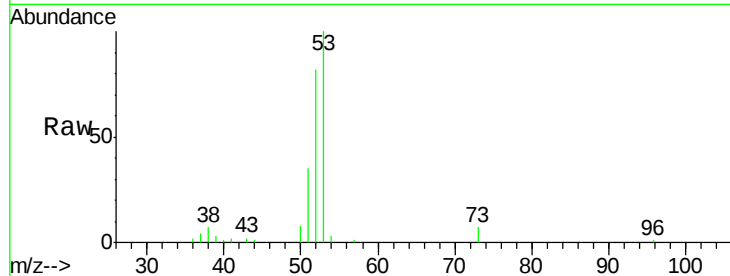
#15
 Acrylonitrile
 Concen: 108.149 ug/l
 RT: 4.95 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.3	99.5
51	36.0	29.7	44.5

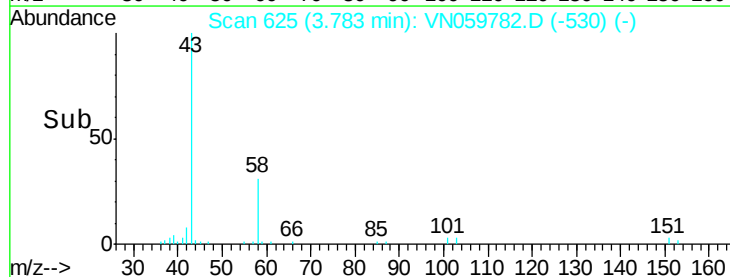
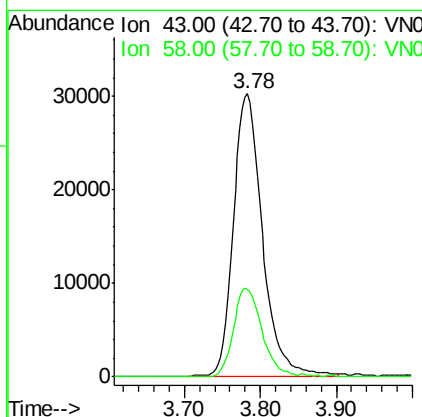
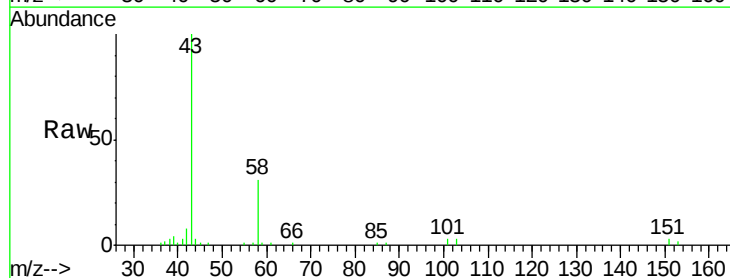
Manual Integrations
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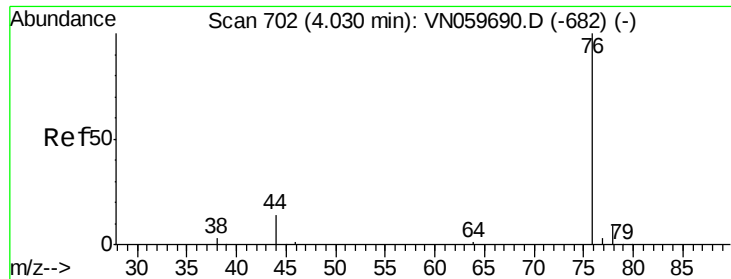
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#16
 Acetone
 Concen: 109.164 ug/l
 RT: 3.78 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.6	35.4





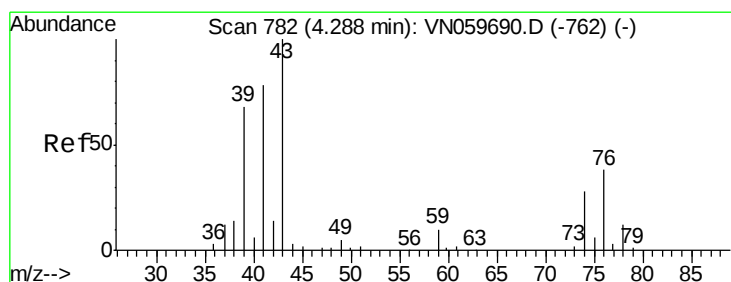
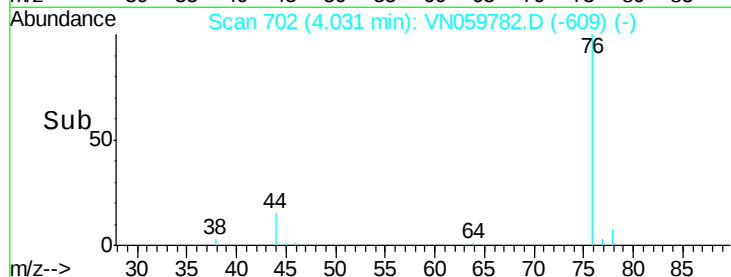
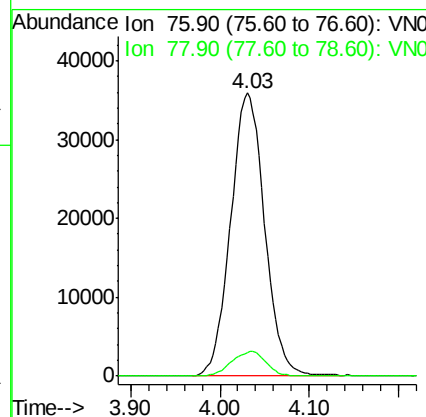
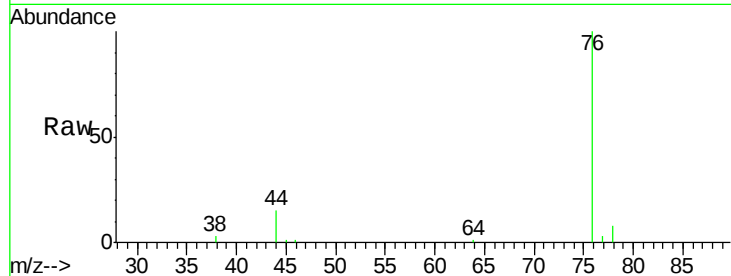
#17
Carbon Disulfide
Concen: 19.614 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion: 76 Resp: 94889
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

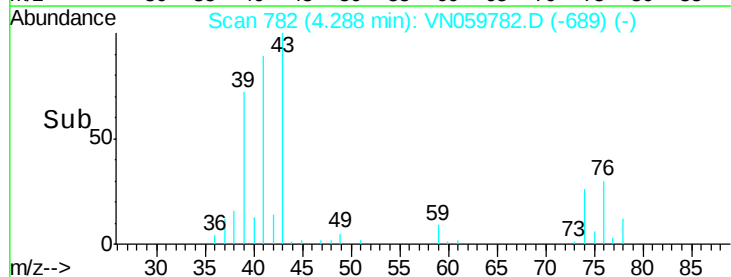
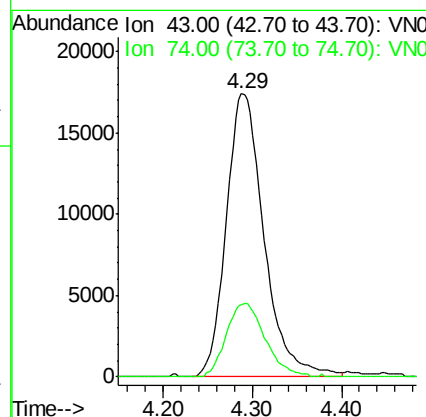
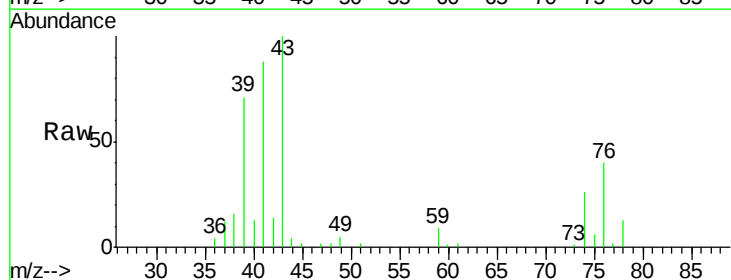
Manual Integrations
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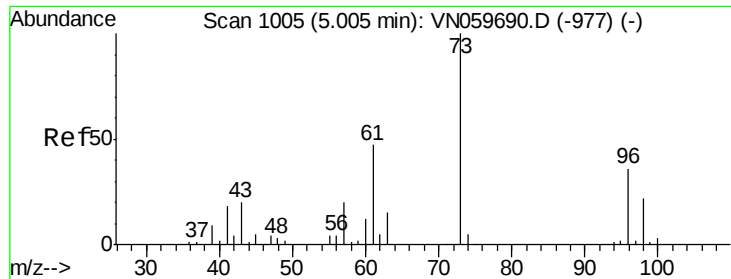
MMDadoda
1/21/2020 11:01:07 AM



#18
Methyl Acetate
Concen: 21.233 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion: 43 Resp: 51125
Ion Ratio Lower Upper
43 100
74 26.7 17.5 26.3#





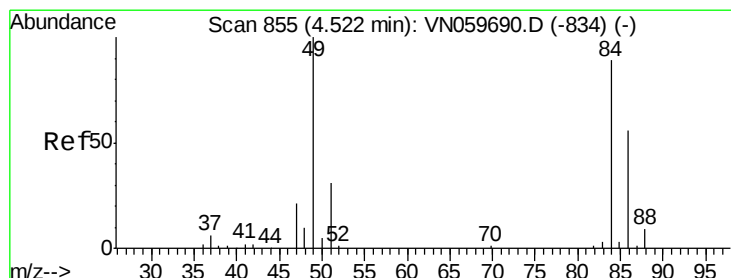
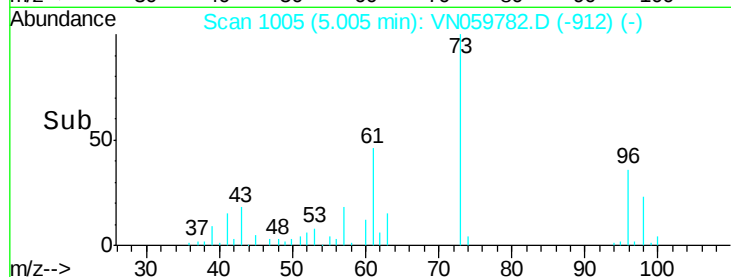
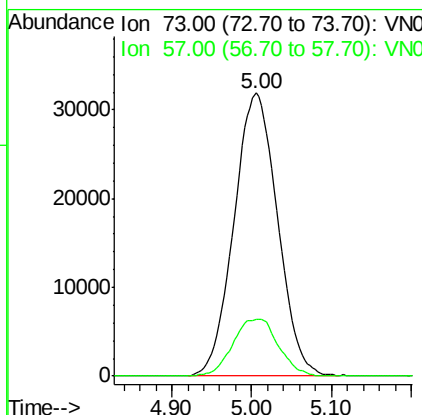
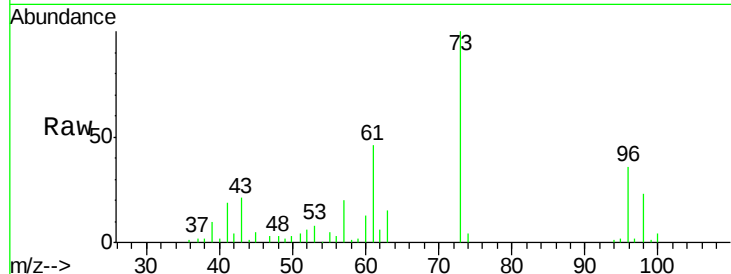
#19
Methvl tert-butvl Ether
Concen: 21.355 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0120WBSD01

Tot Ion: 73 Resp: 118246
Ion Ratio Lower Upper
73 100
57 20.0 18.6 27.8

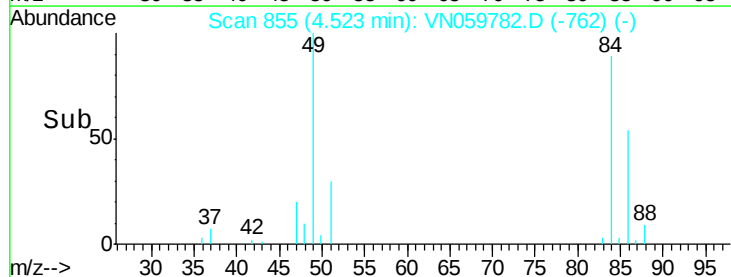
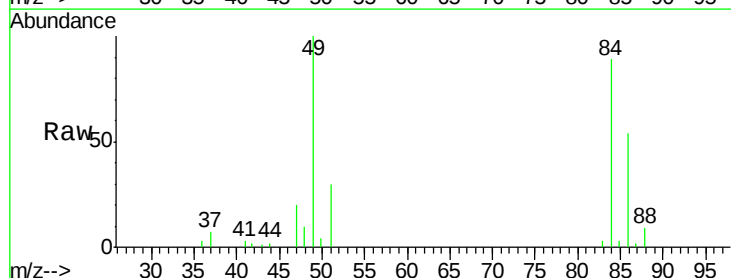
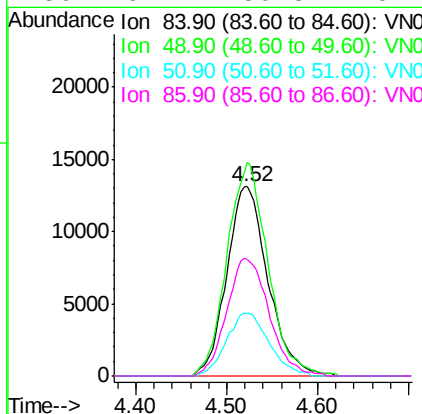
Manual Integrations
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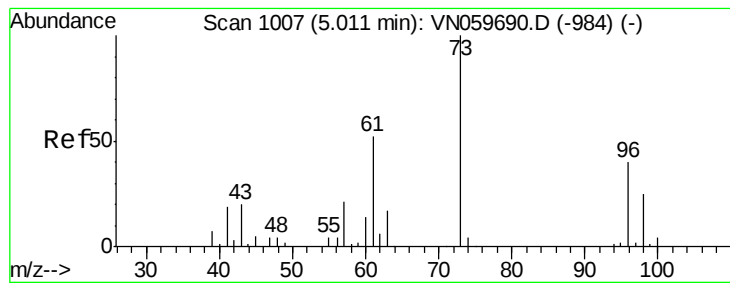
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#20
Methylene Chloride
Concen: 21.374 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion: 84 Resp: 41244
Ion Ratio Lower Upper
84 100
49 112.8 106.6 160.0
51 33.3 31.9 47.9
86 61.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.964 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tot Ion: 96 Resp: 37844

Ion Ratio Lower Upper

96 100

61 128.2 120.4 180.6

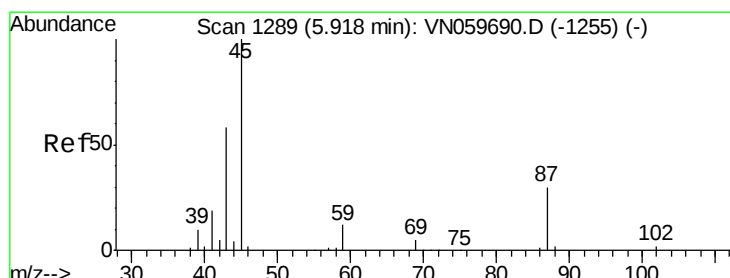
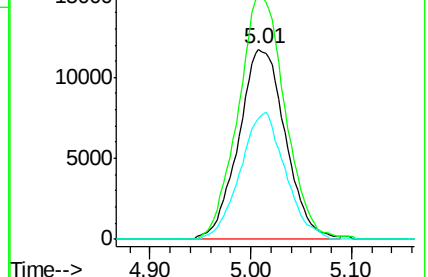
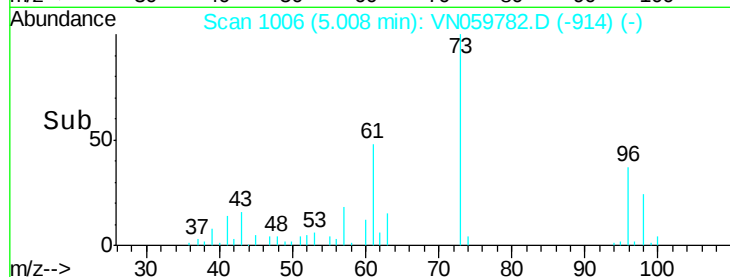
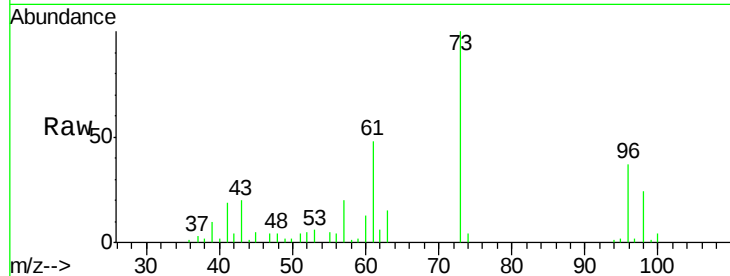
98 63.6 50.6 75.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.665 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Tgt Ion: 45 Resp: 107197

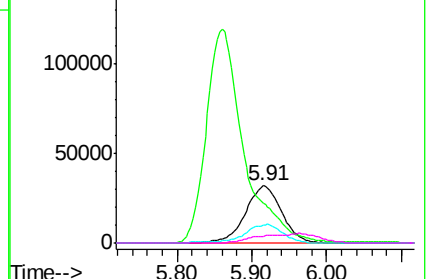
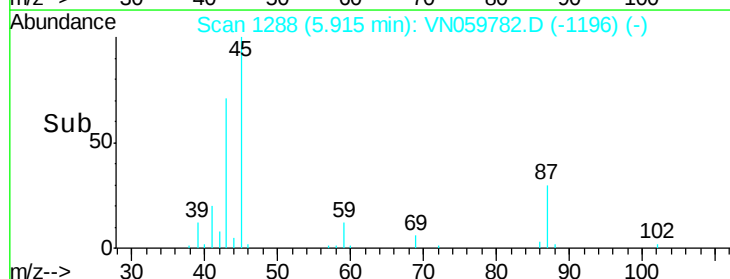
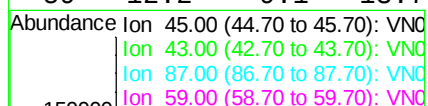
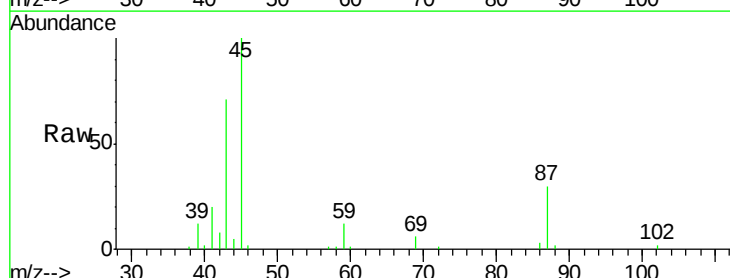
Ion Ratio Lower Upper

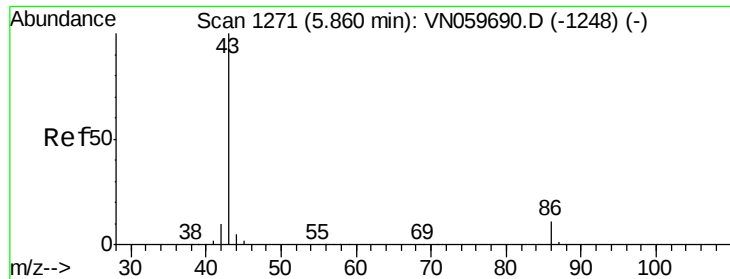
45 100

43 68.4 50.8 76.2

87 30.4 21.0 31.6

59 12.2 9.1 13.7





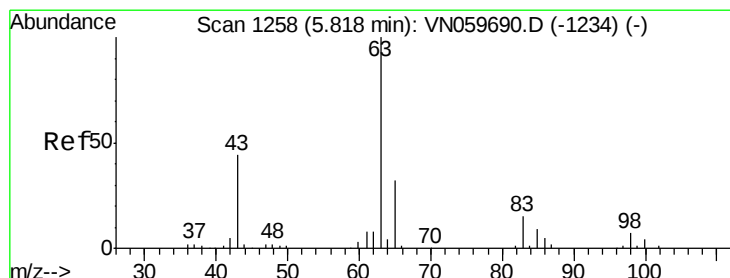
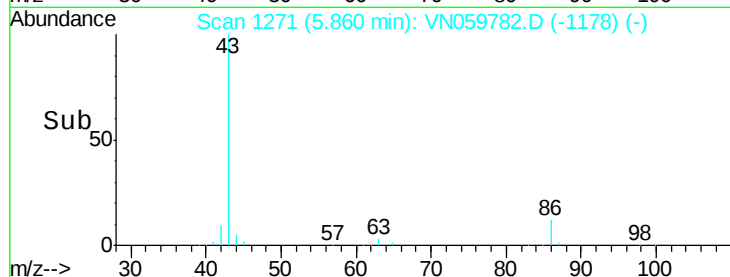
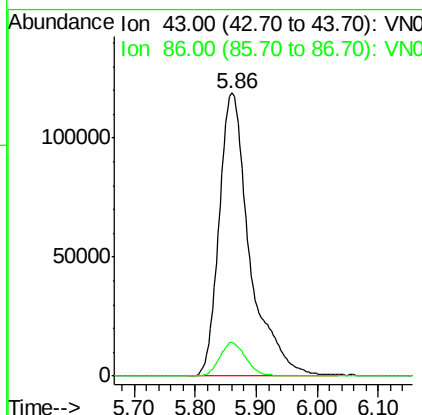
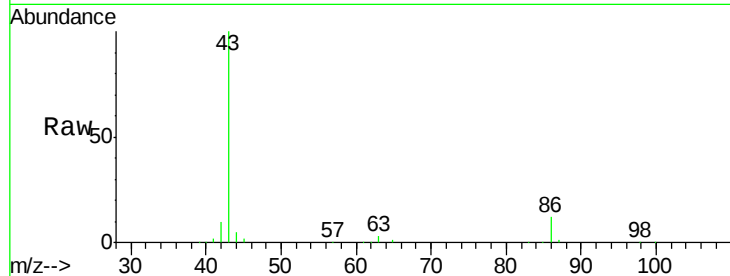
#23
 Vinyl Acetate
 Concen: 103.402 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0120WBSD01

Tot Ion	43	Resp	415296
Ion Ratio	100	Lower	Upper
43	100		
86	11.9	7.6	11.4#

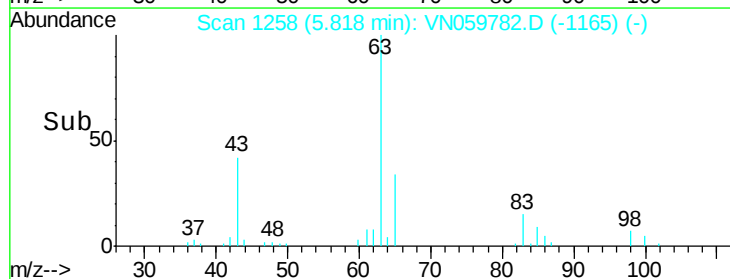
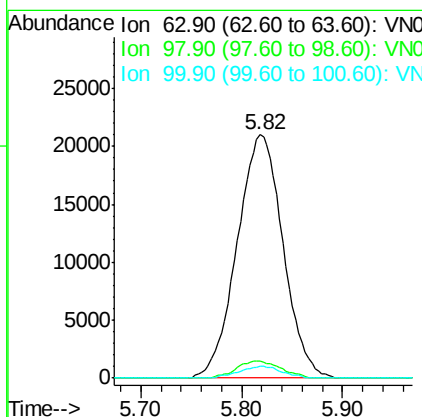
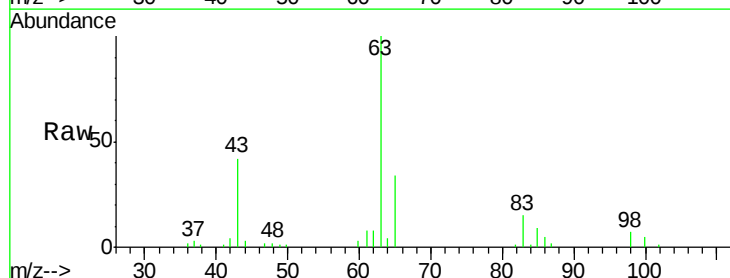
Manual Integrations
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#24
 1,1-Dichloroethane
 Concen: 20.869 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	63	Resp	66148
Ion Ratio	100	Lower	Upper
63	100		
98	7.2	2.9	8.7
100	4.7	2.0	6.0





#25

2-Butanone

Concen: 97.227 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tot Ion: 43 Resp: 113498

Ion Ratio Lower Upper

43 100

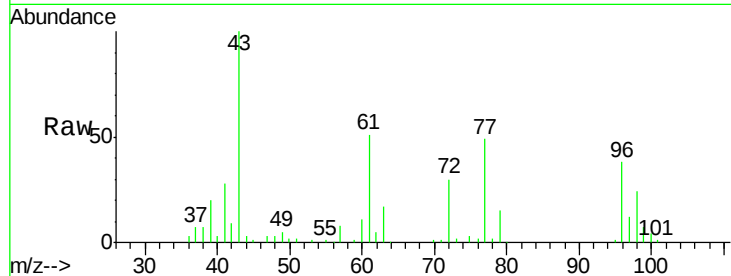
72 30.4 19.9 29.9#

Manual Integrations

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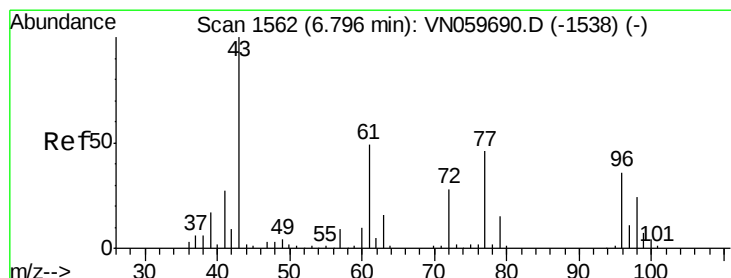
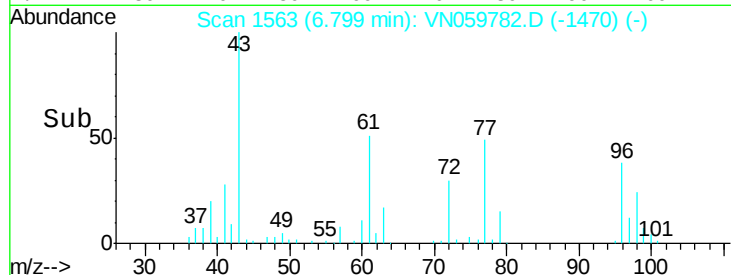
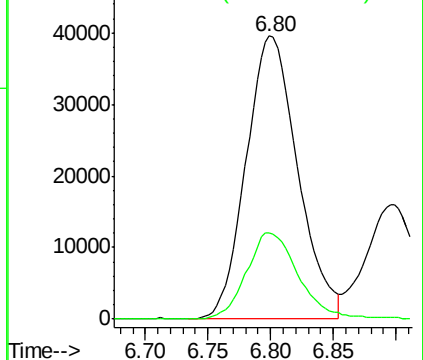
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.708 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059782.D

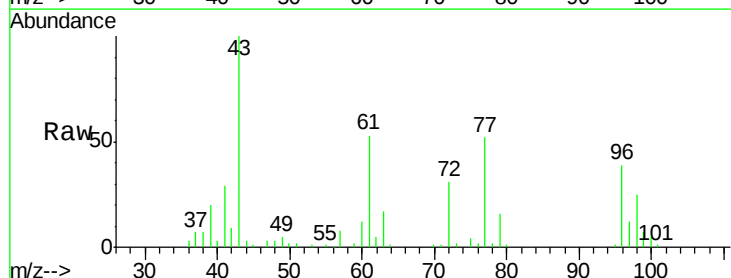
Acq: 20 Jan 2020 13:17

Tgt Ion: 77 Resp: 63102

Ion Ratio Lower Upper

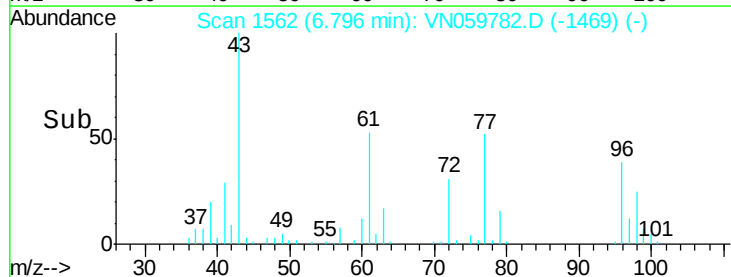
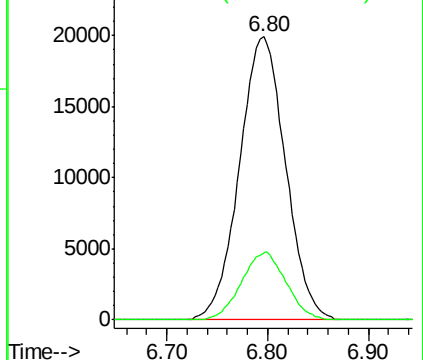
77 100

97 23.2 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





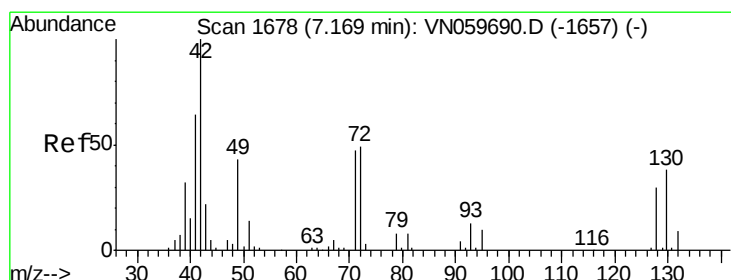
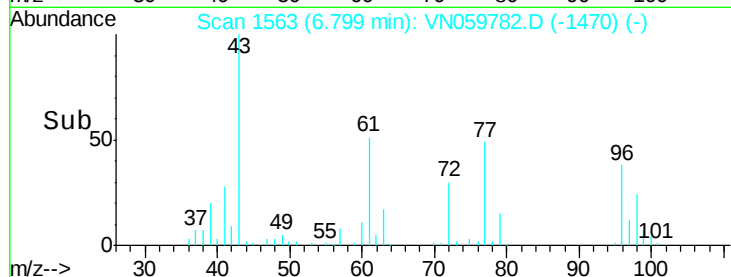
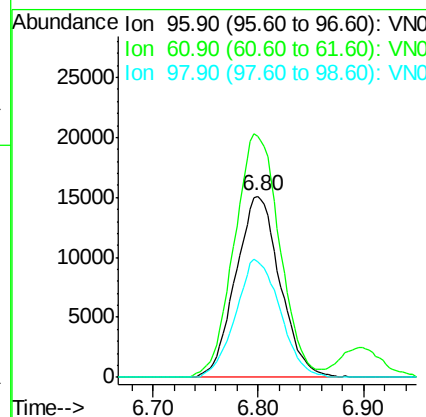
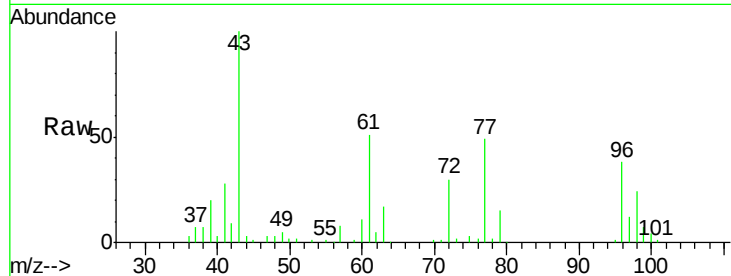
#27
 cis-1,2-Dichloroethene
 Concen: 21.217 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	317.6
98	65.3	0.0	127.0

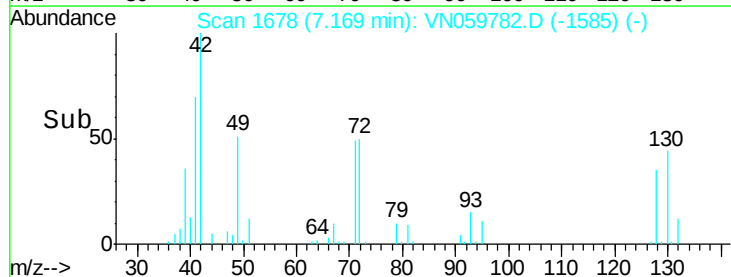
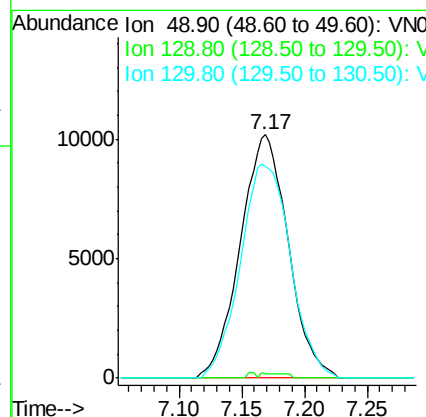
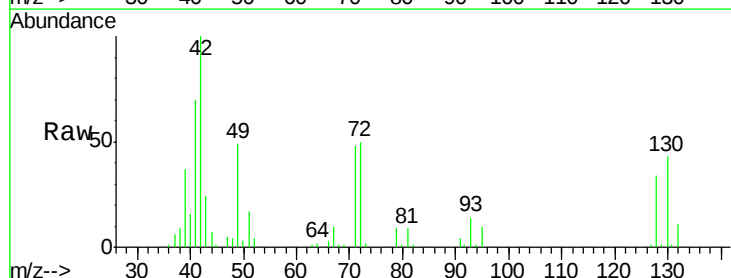
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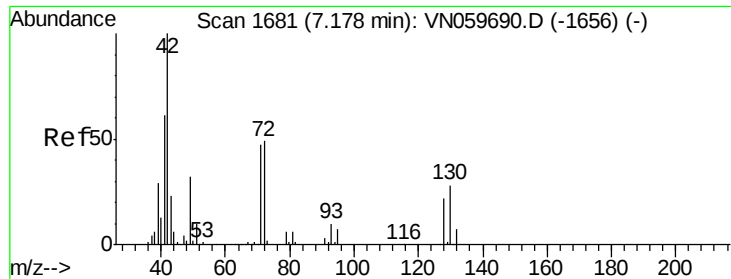
MMDadoda
 1/21/2020 11:01:07 AM



#28
 Bromochloromethane
 Concen: 21.373 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.4
130	91.8	54.7	82.1#





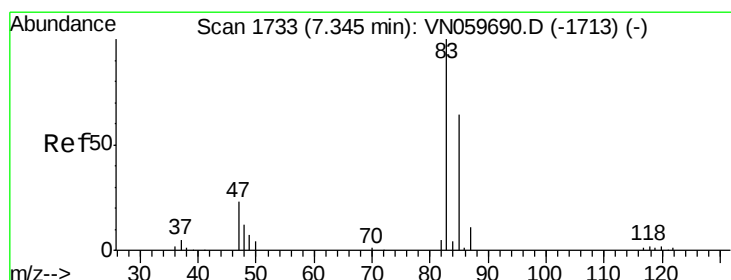
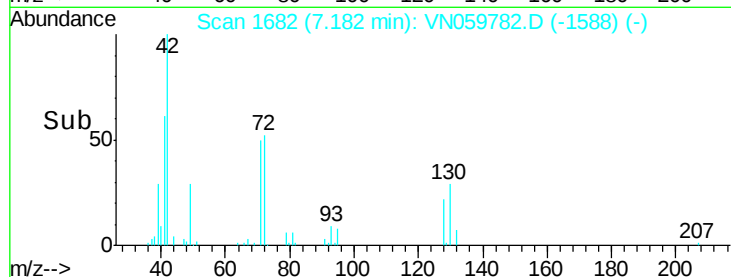
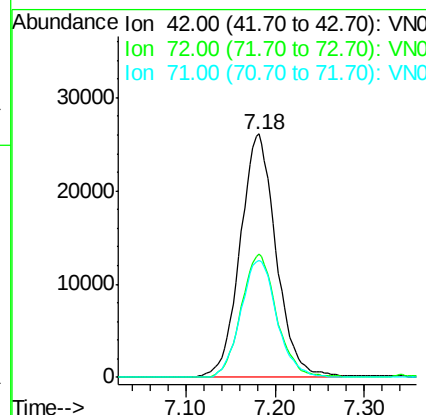
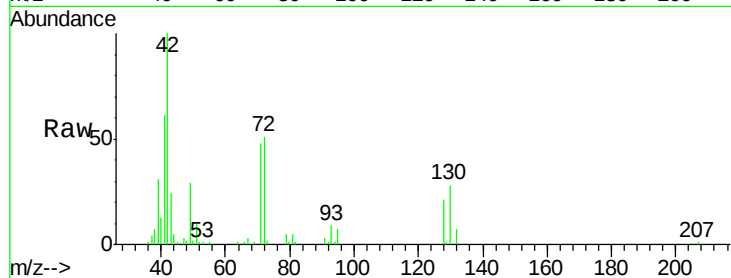
#29
Tetrahydrofuran
Concen: 101.439 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	33.1	49.7#
71	48.0	31.4	47.0#

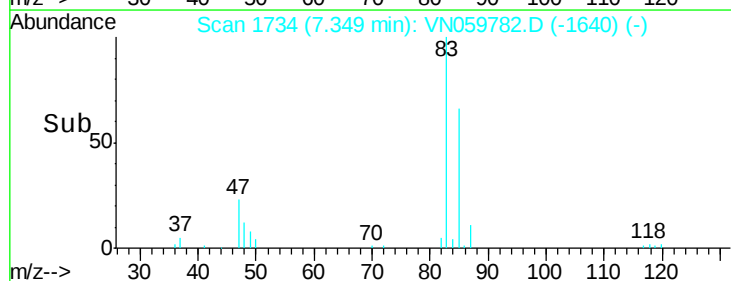
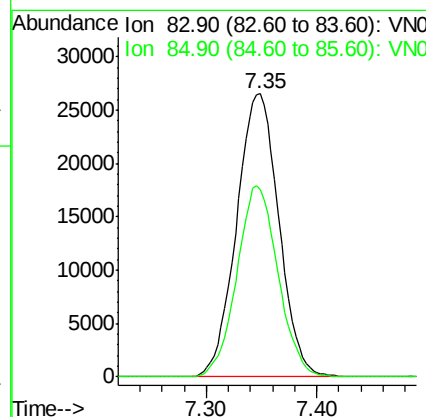
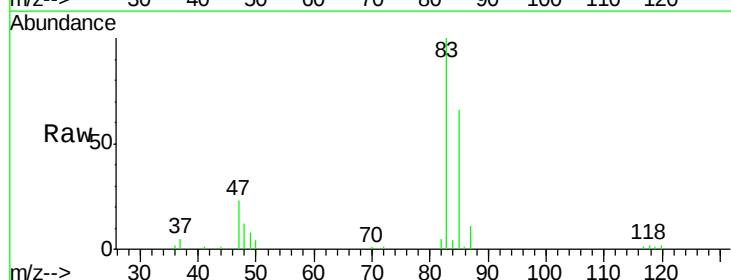
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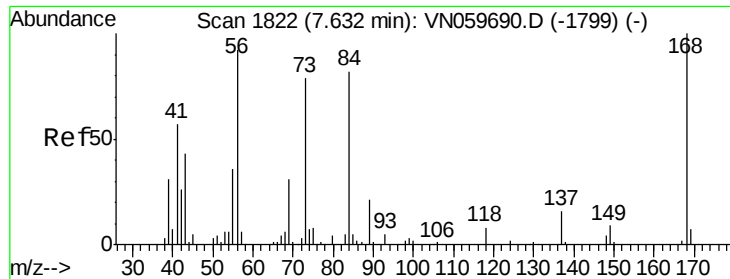
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#30
Chloroform
Concen: 21.468 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.4	78.6





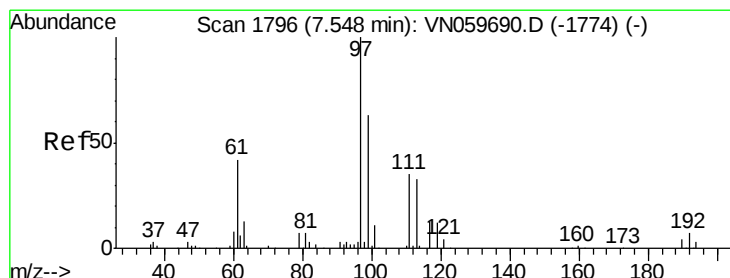
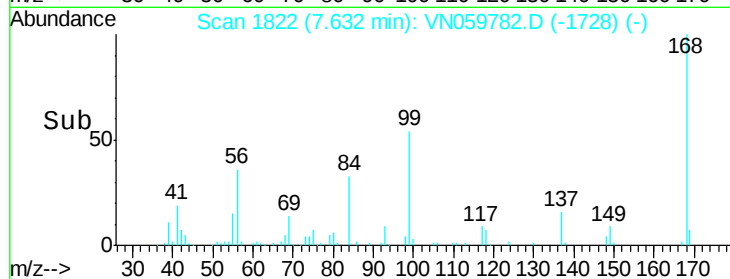
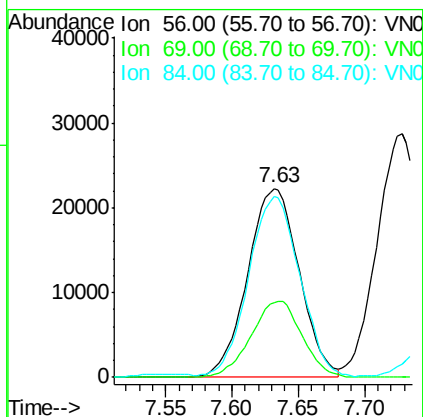
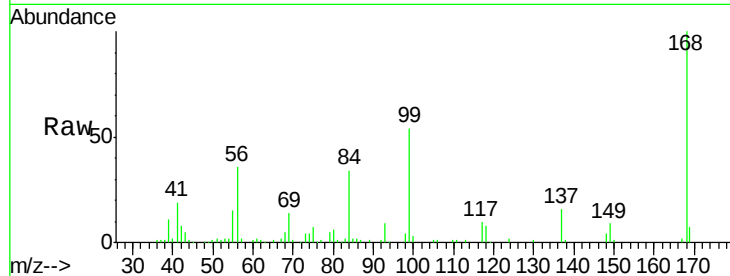
#31
Cyclohexane
Concen: 19.879 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.7	26.5	39.7
84	94.8	65.3	97.9

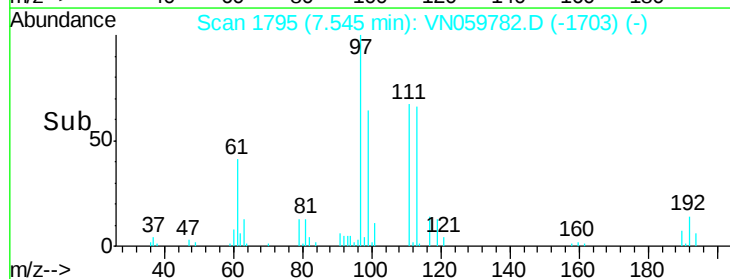
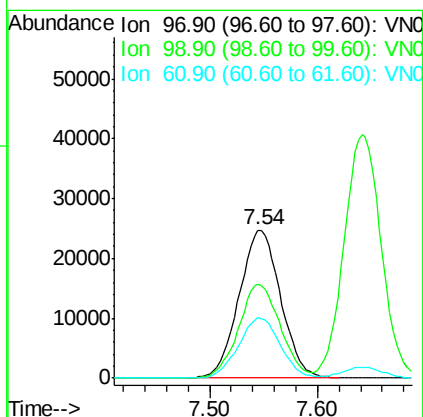
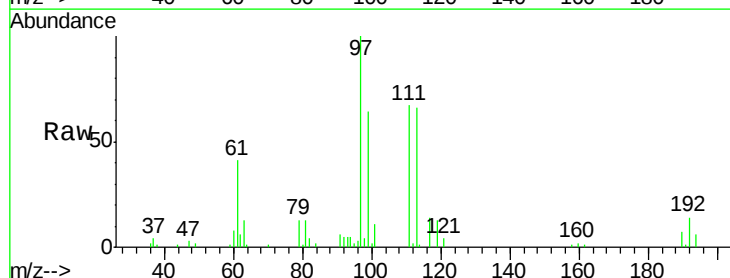
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#32
1,1,1-Trichloroethane
Concen: 21.771 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	40.9	38.5	57.7





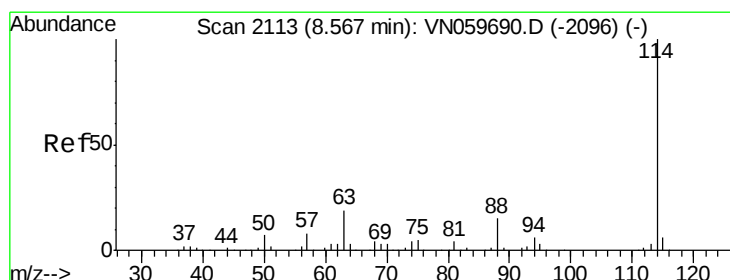
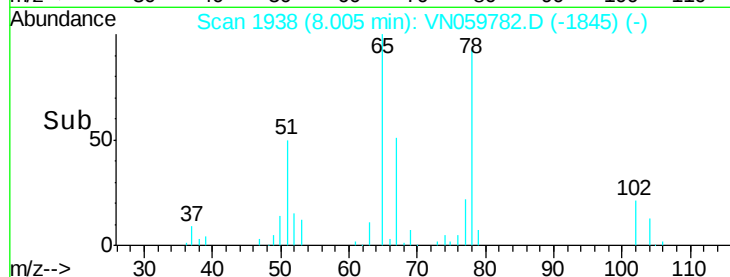
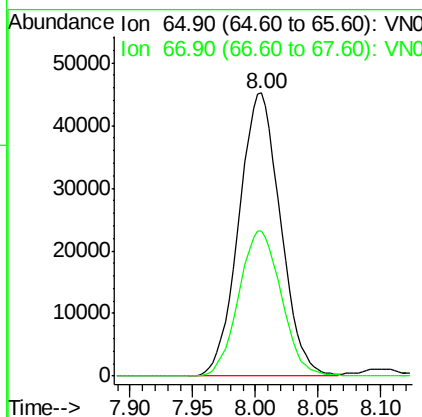
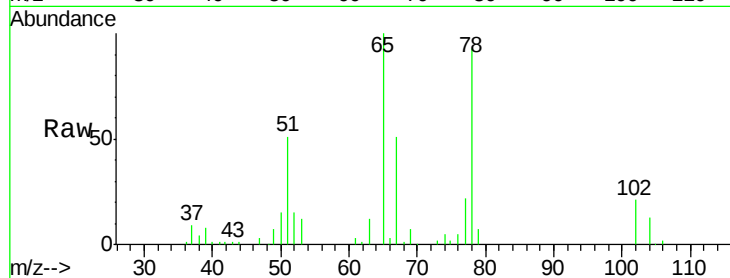
#33
 1,2-Dichloroethane-d4
 Concen: 50.681 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	103.0	

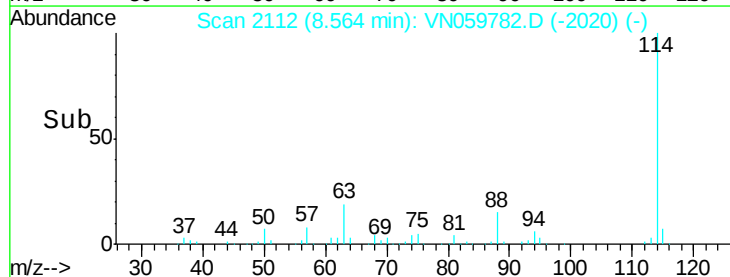
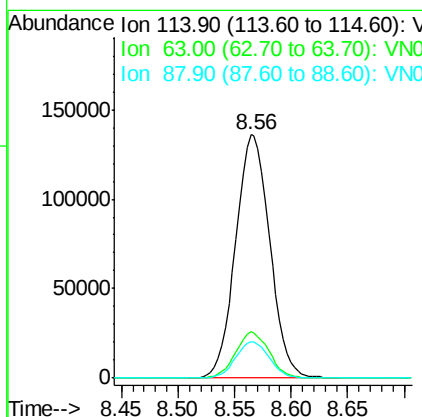
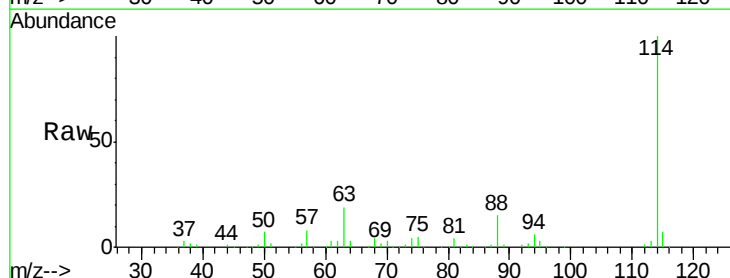
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.1	0.0	43.6	
88	14.9	0.0	31.4	





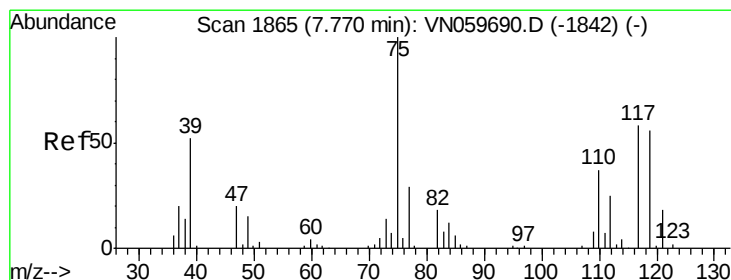
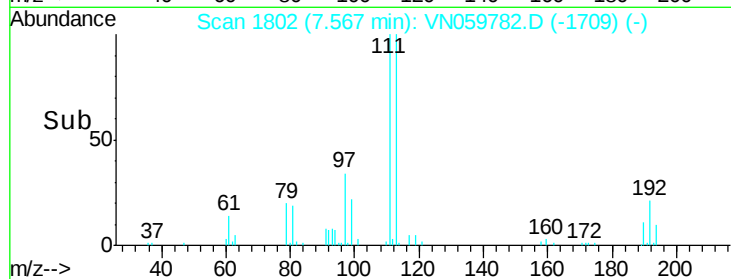
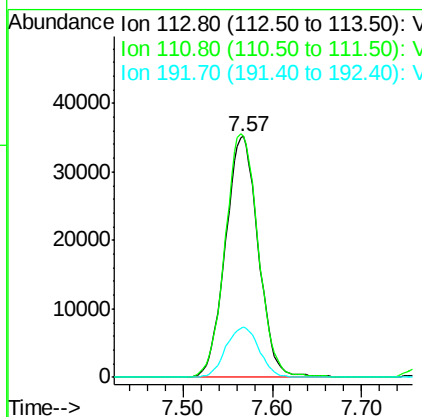
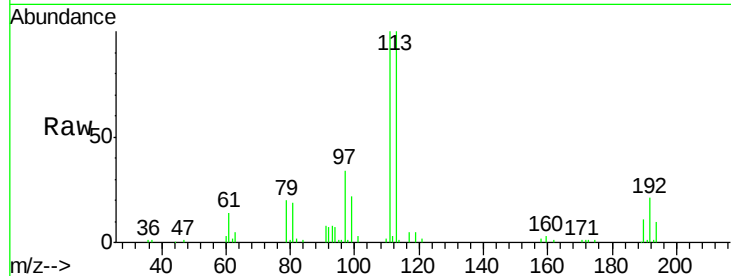
#35
 Dibromofluoromethane
 Concen: 52.408 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	89649		
111	102.2		83.5	125.3
192	21.0		15.4	23.2

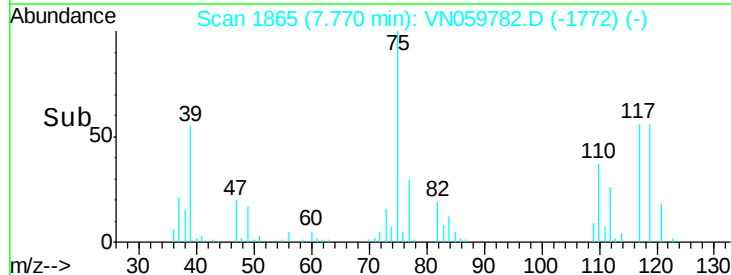
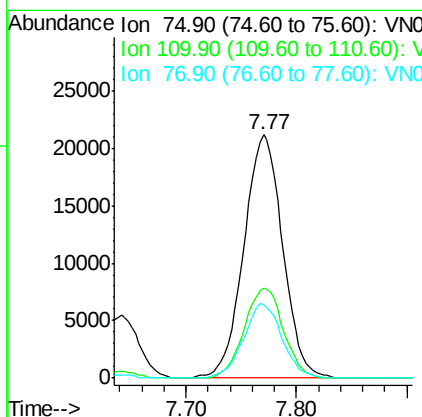
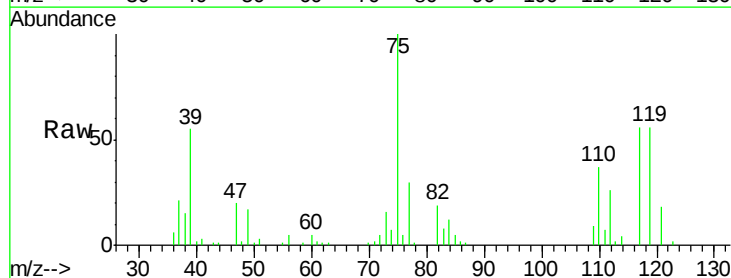
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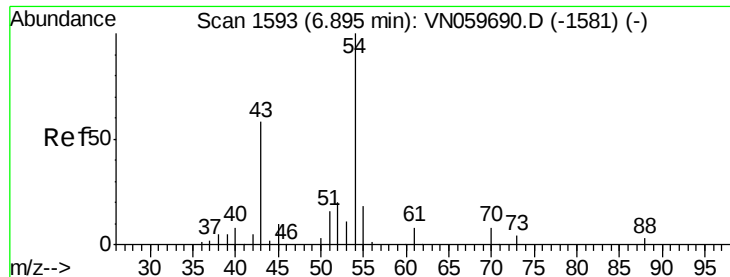
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#36
 1,1-Dichloropropene
 Concen: 20.644 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51567		
110	37.2		16.6	49.7
77	30.4		25.1	37.7





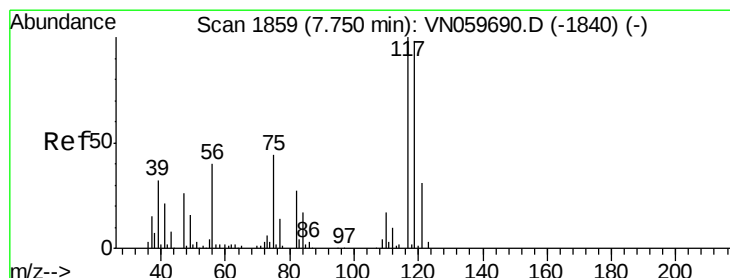
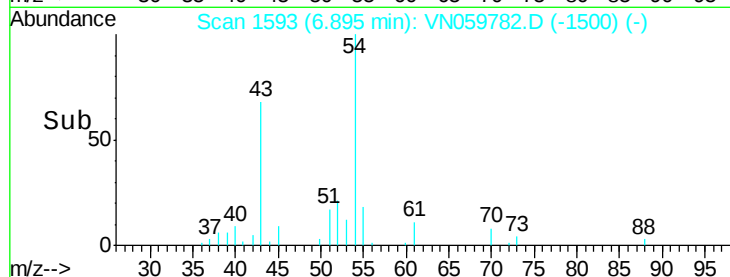
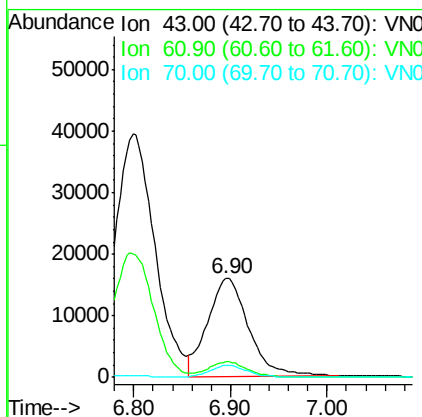
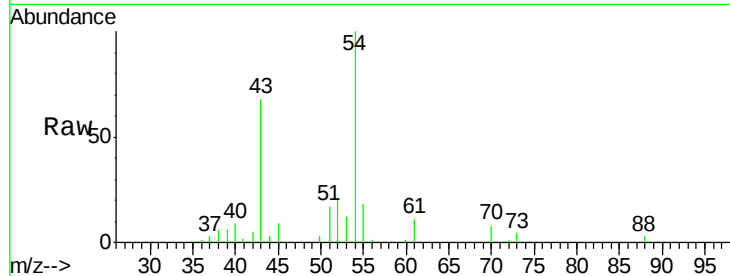
#37
Ethyl Acetate
Concen: 19.952 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.9	16.3
70	11.0	7.7	11.5

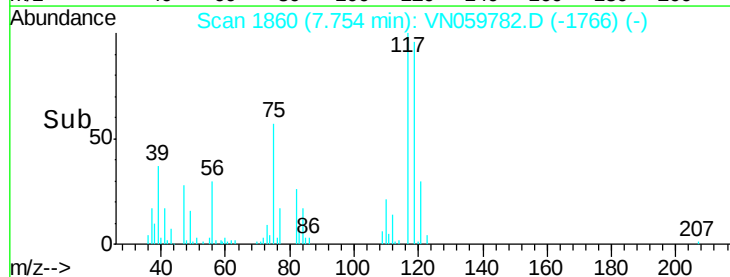
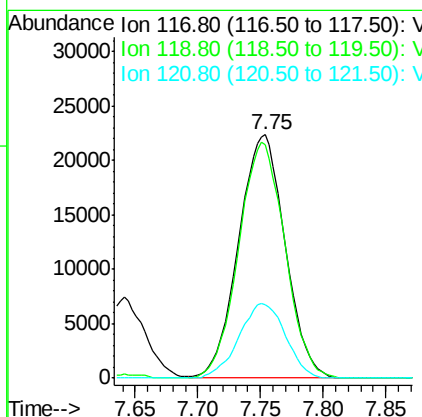
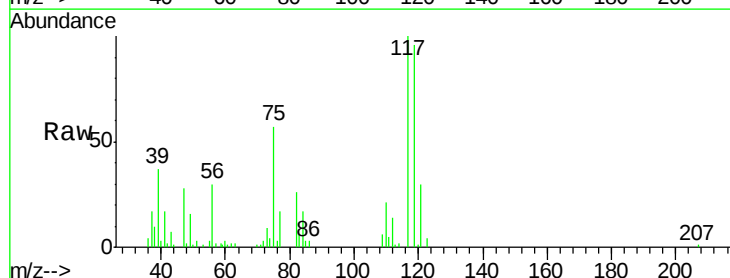
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#38
Carbon Tetrachloride
Concen: 21.239 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.5	114.7
121	30.4	25.1	37.7





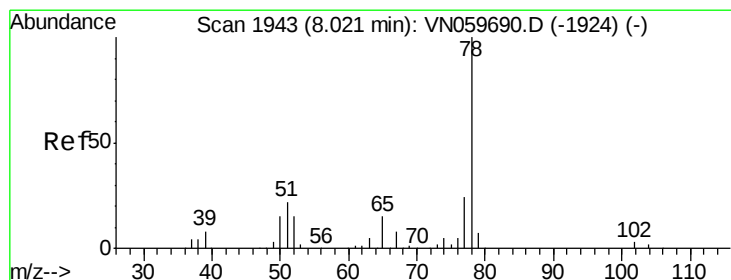
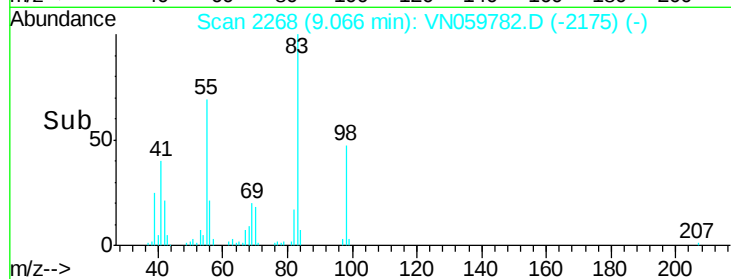
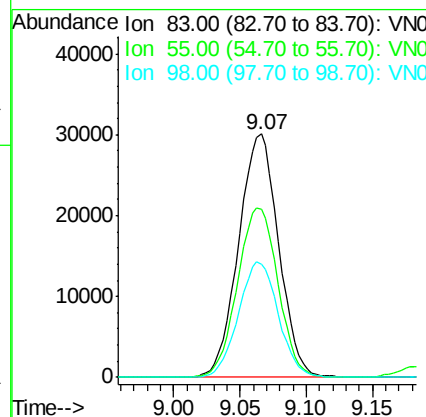
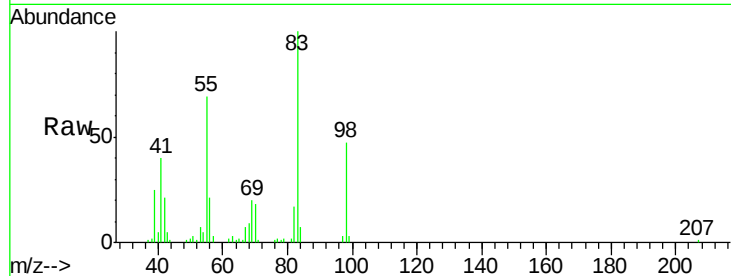
#39
Methvlcvclohexane
Concen: 20.476 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	64.2	96.2
98	46.6	35.9	53.9

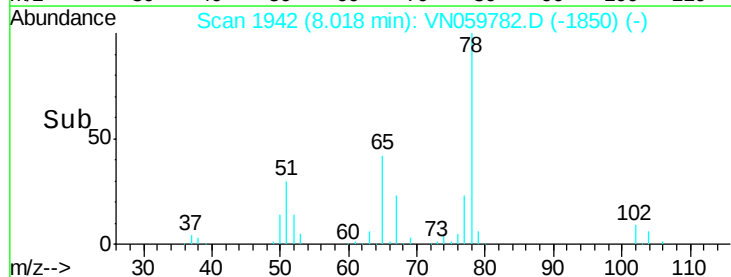
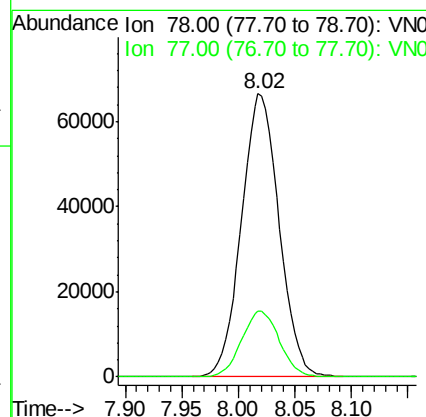
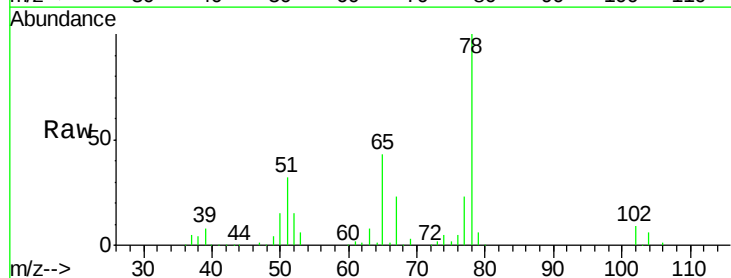
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#40
Benzene
Concen: 20.714 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





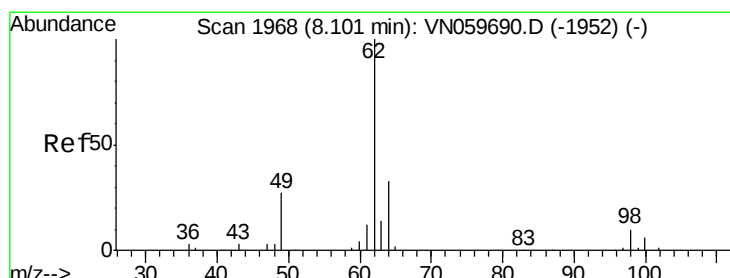
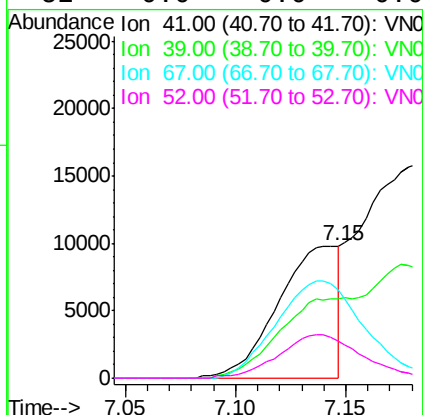
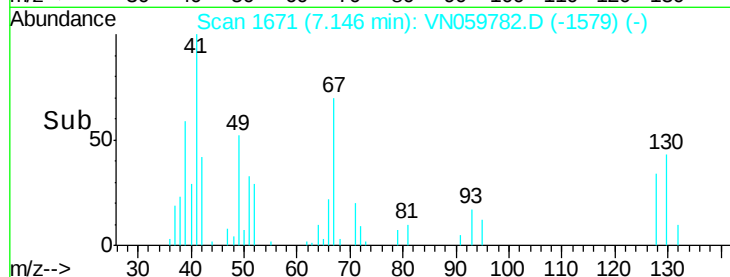
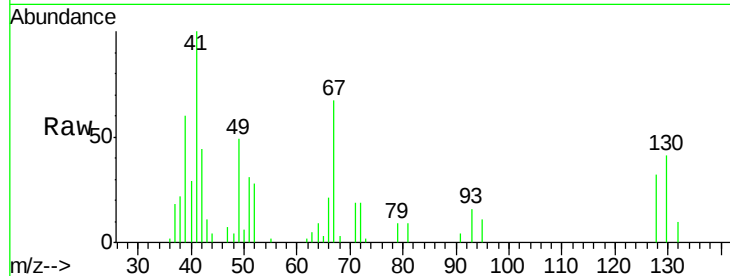
#41
Methacrylonitrile
Concen: 16.116 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	199.2	0.0	0.0	#
67	0.0	0.0	0.0	
52	0.0	0.0	0.0	

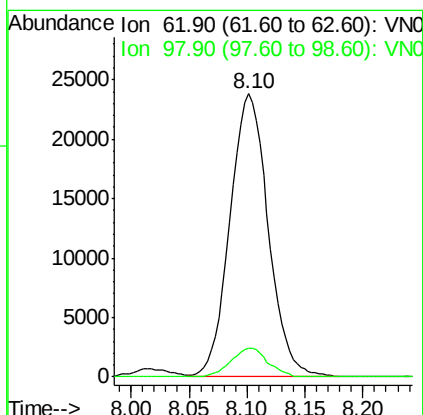
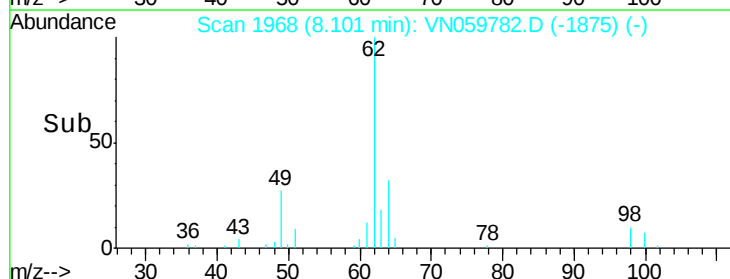
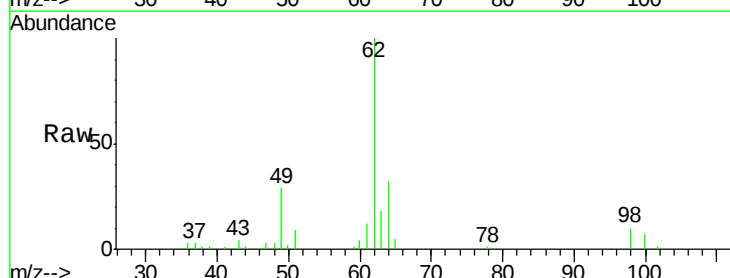
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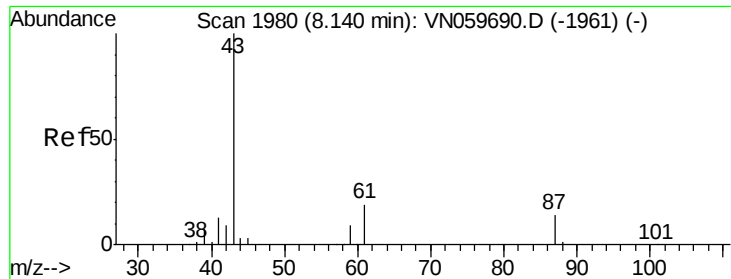
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#42
1,2-Dichloroethane
Concen: 21.638 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	9.7	0.0	15.8	





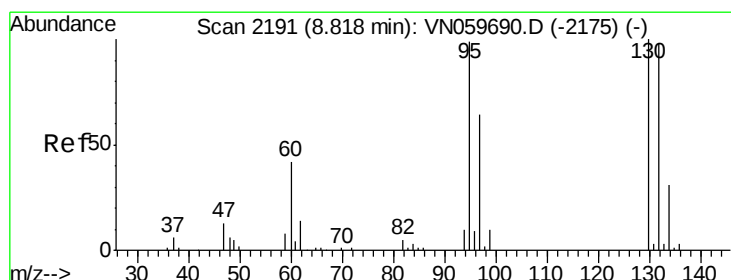
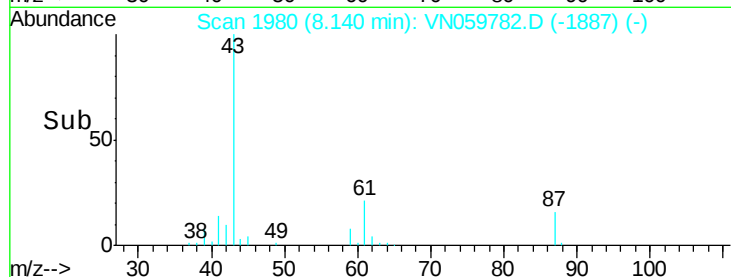
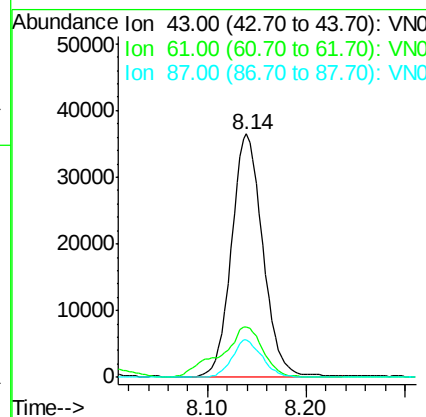
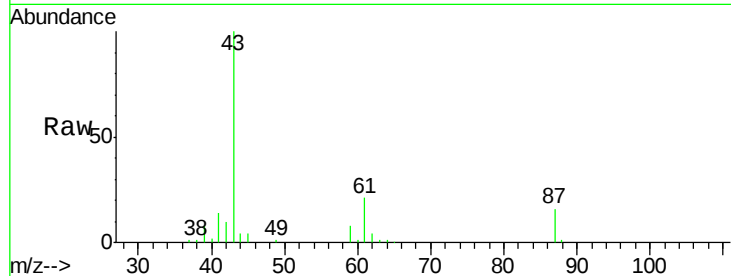
#43
Isopropyl Acetate
Concen: 20.157 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.8	20.2	30.2
87	14.5	9.5	14.3

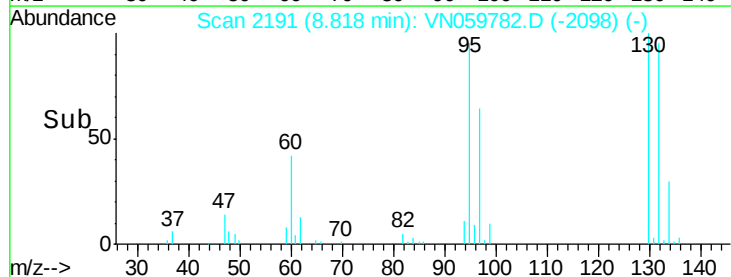
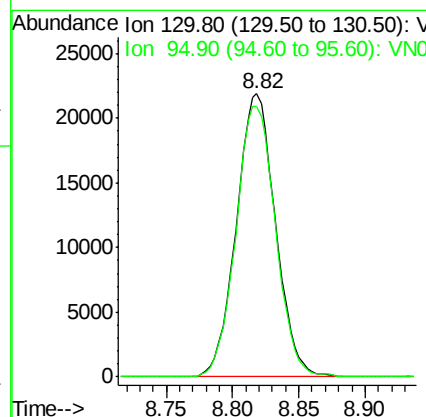
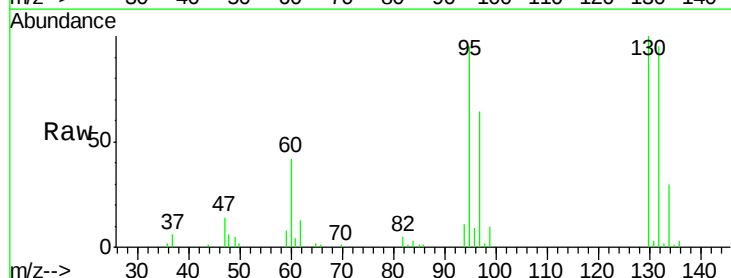
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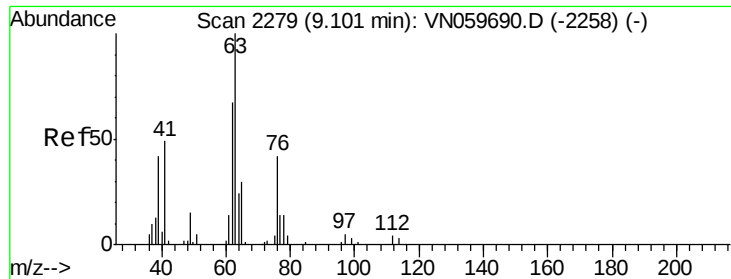
MMDadoda
1/21/2020 11:01:07 AM



#44
Trichloroethene
Concen: 22.065 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	207.0





#45

1,2-Dichloropropane

Concen: 20.923 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tot Ion: 63 Resp: 38571

Ion Ratio Lower Upper

63 100

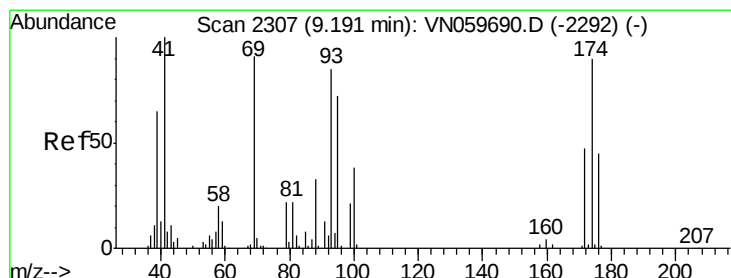
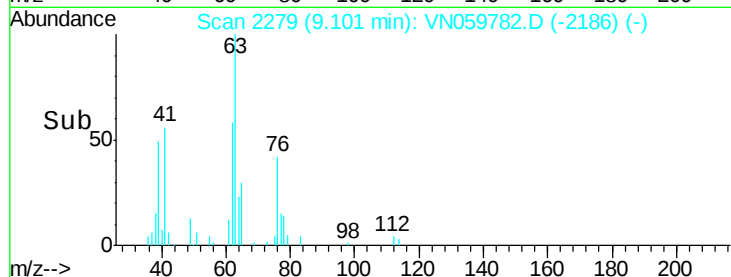
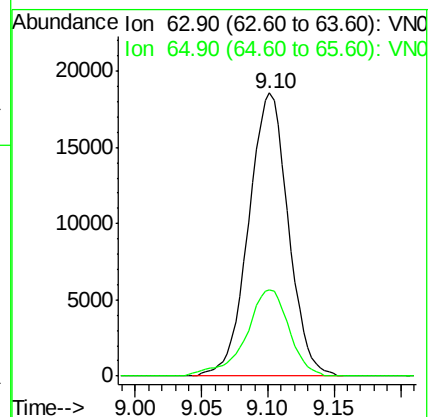
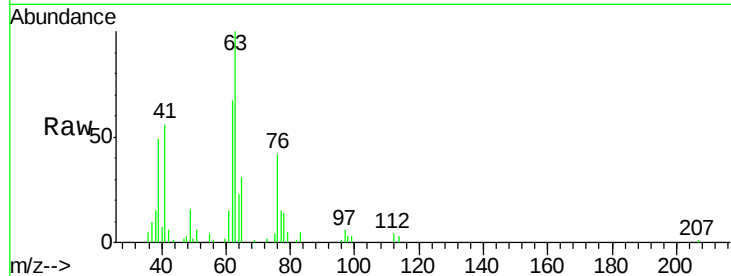
65 30.6 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 21.373 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

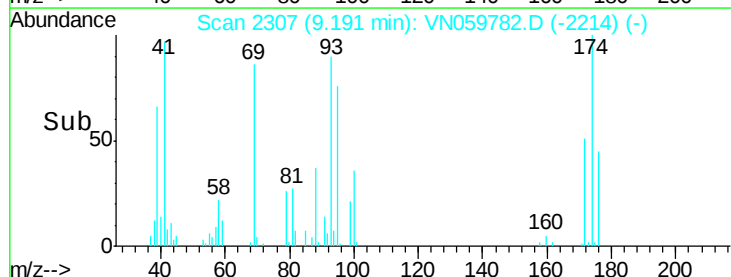
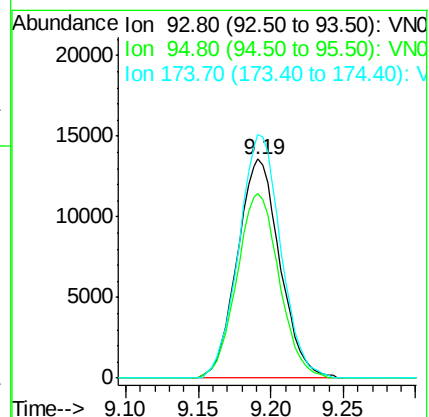
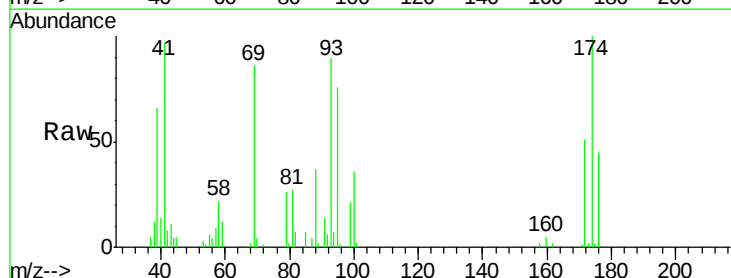
Tgt Ion: 93 Resp: 27793

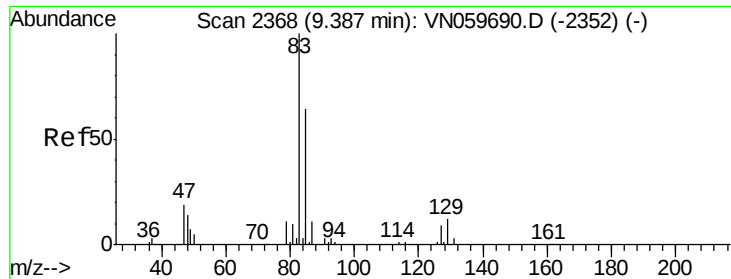
Ion Ratio Lower Upper

93 100

95 83.5 67.0 100.6

174 109.4 73.4 110.2





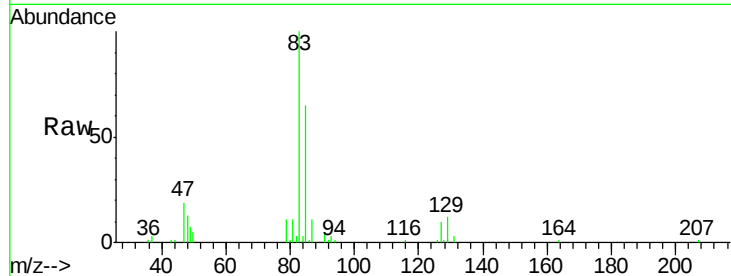
#47
Bromodichloromethane
Concen: 21.469 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

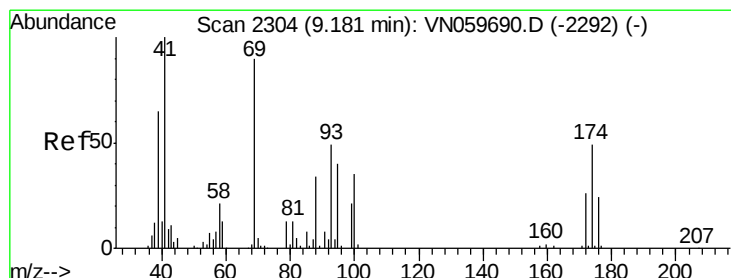
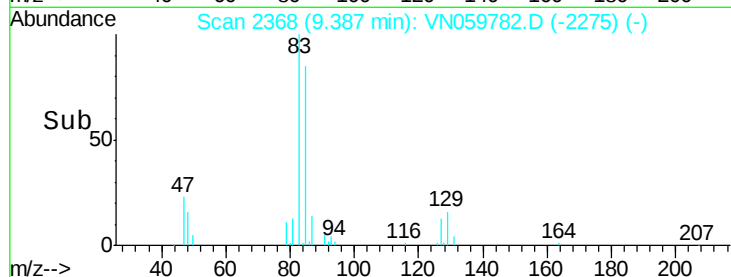
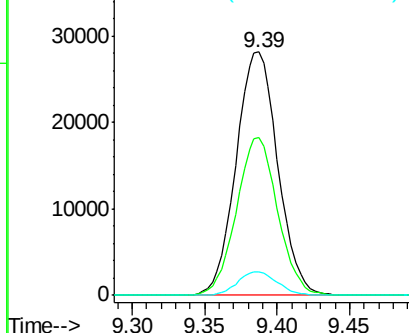
Tot Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7
127	9.7	6.6	9.8

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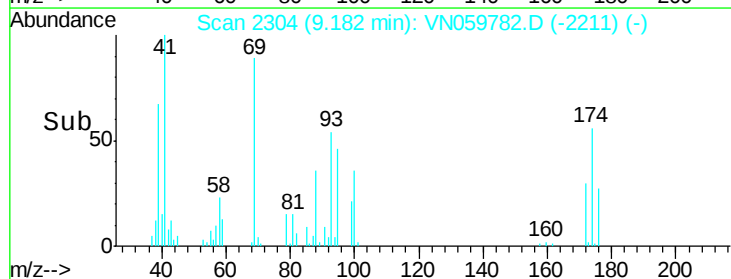
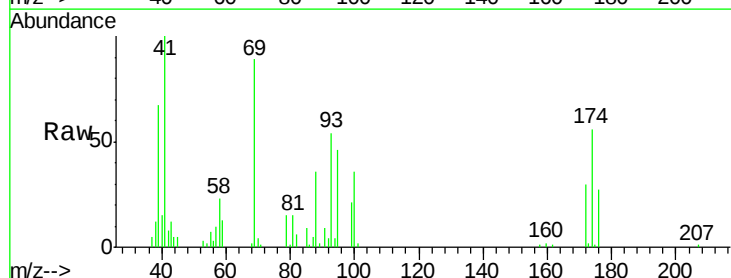
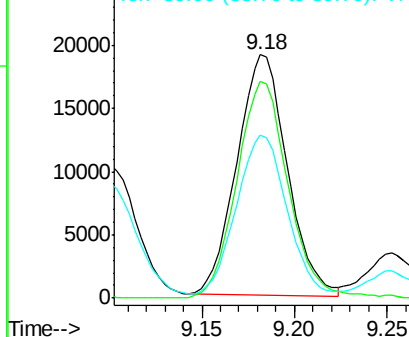
Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48
Methyl methacrylate
Concen: 20.003 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.4	64.4	96.6
39	69.6	51.3	76.9

Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





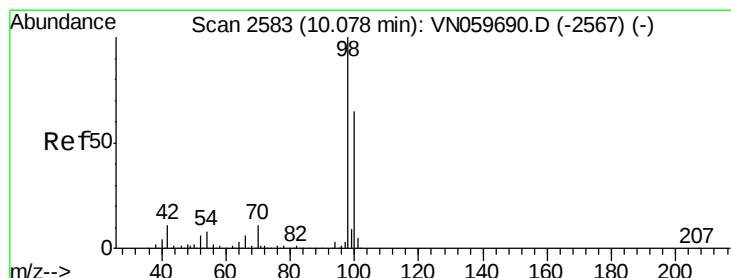
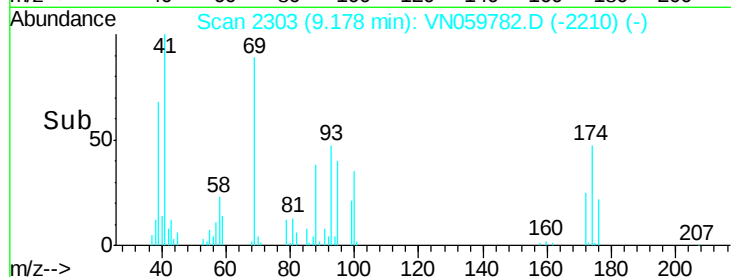
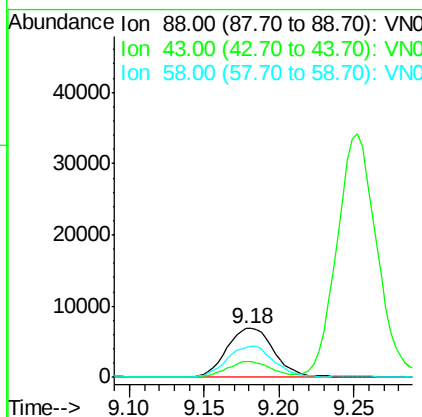
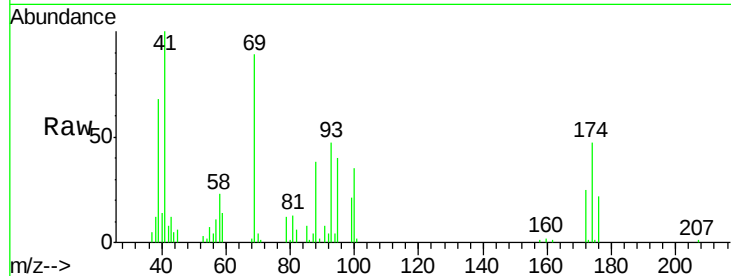
#49
1,4-Dioxane
Concen: 457.634 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	29.7	44.5
58	63.0	56.6	85.0

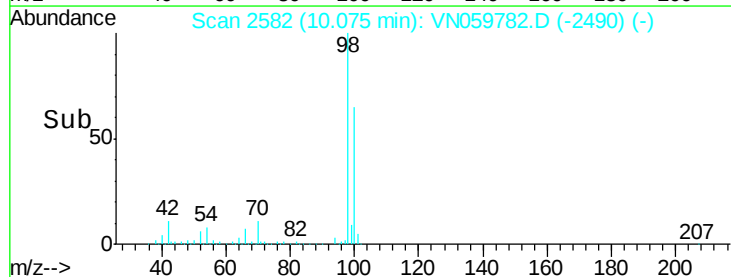
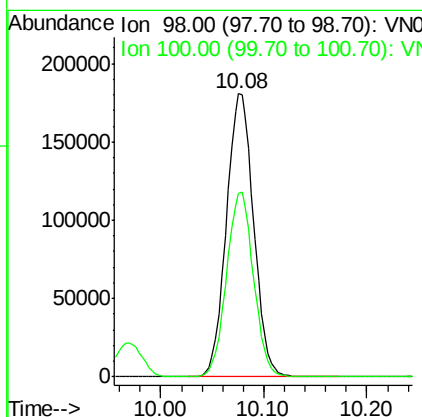
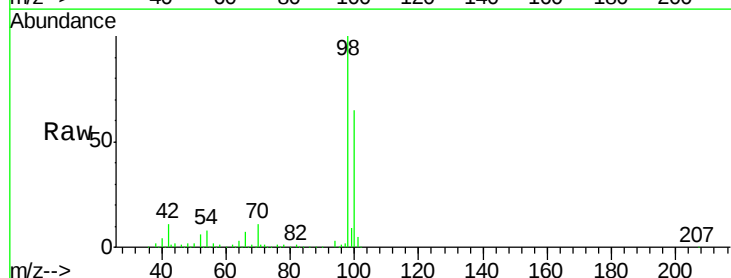
Manual Integrations
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#50
Toluene-d8
Concen: 50.160 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 101.130 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

ClientSampled :

VN0120WBSD01

Tot Ion: 43 Resp: 235586

Ion Ratio Lower Upper

43 100

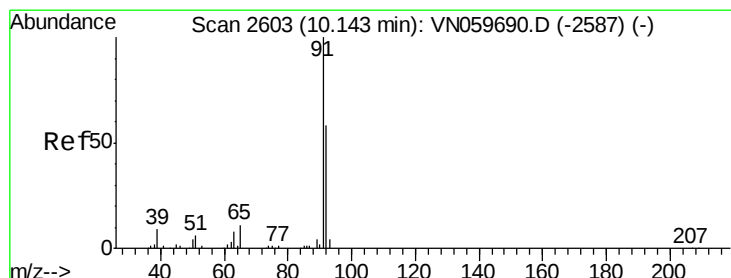
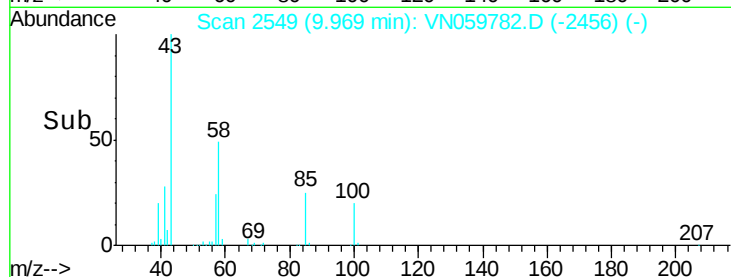
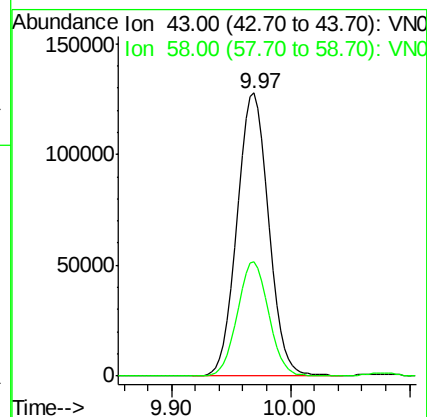
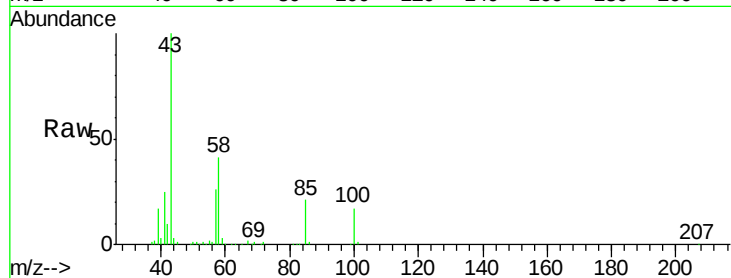
58 40.0 29.8 44.8

Manual Integrations

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#52

Toluene

Concen: 20.785 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059782.D

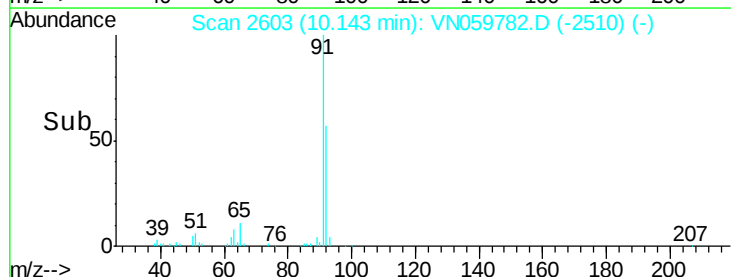
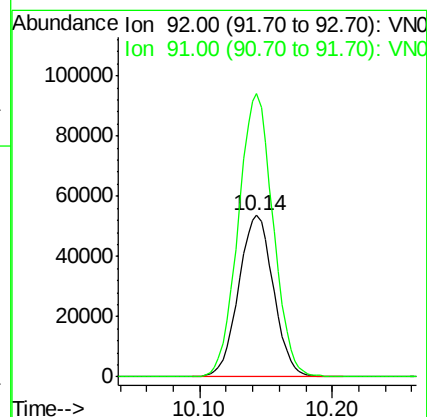
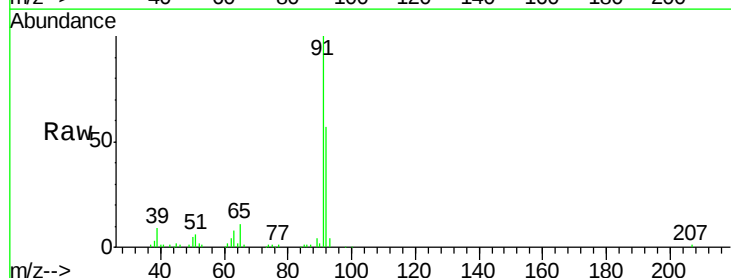
Acq: 20 Jan 2020 13:17

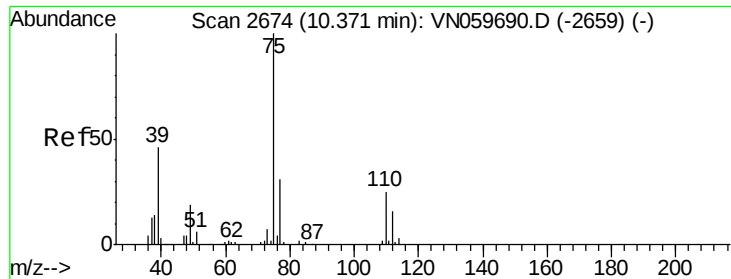
Tgt Ion: 92 Resp: 97809

Ion Ratio Lower Upper

92 100

91 175.6 140.4 210.6





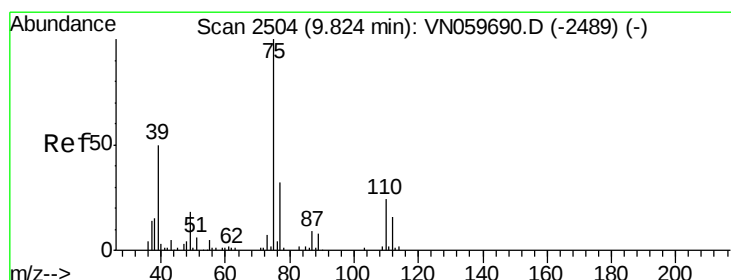
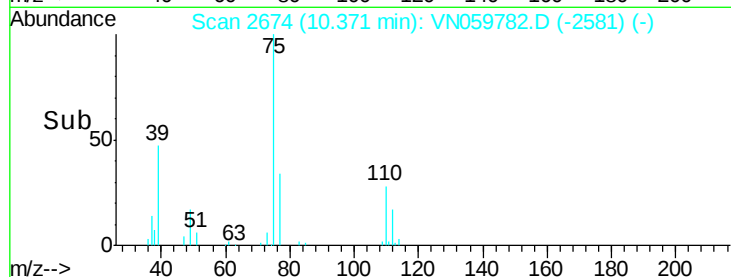
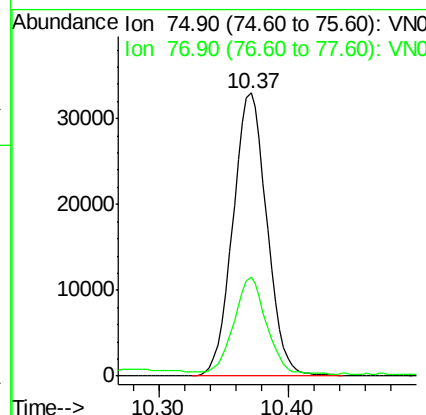
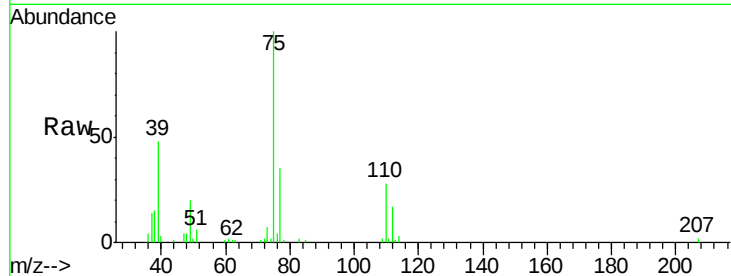
#53
t-1,3-Dichloropropene
Concen: 20.609 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.4	38.2

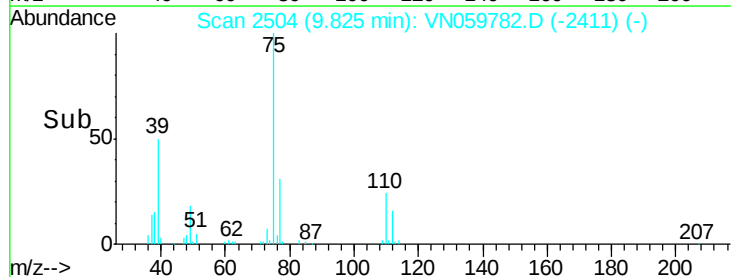
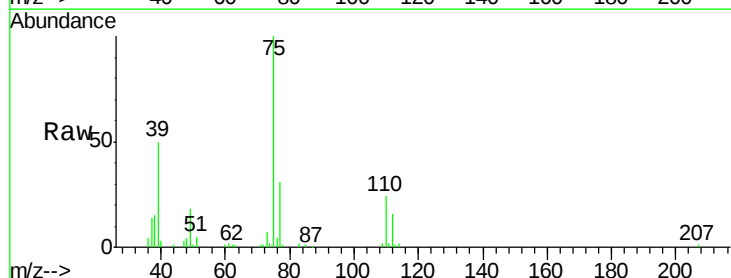
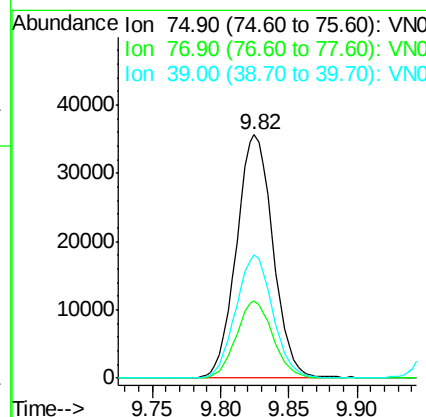
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#54
cis-1,3-Dichloropropene
Concen: 21.565 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7
39	50.5	46.1	69.1





#55

1,1,2-Trichloroethane

Concen: 21.654 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

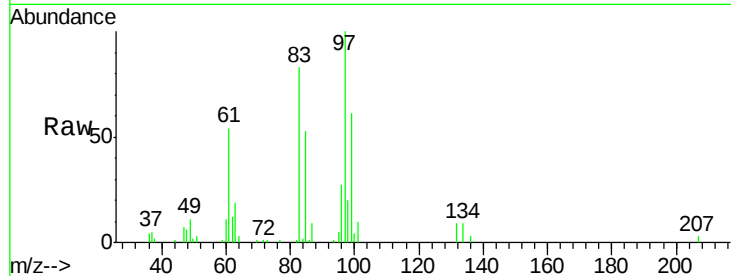
ClientSampleId :

VN0120WBSD01

Tot Ion:	97	Resp:	40357
Ion	Ratio	Lower	Upper
97	100		
83	82.7	71.3	106.9
85	53.3	45.8	68.8
99	61.1	50.0	75.0

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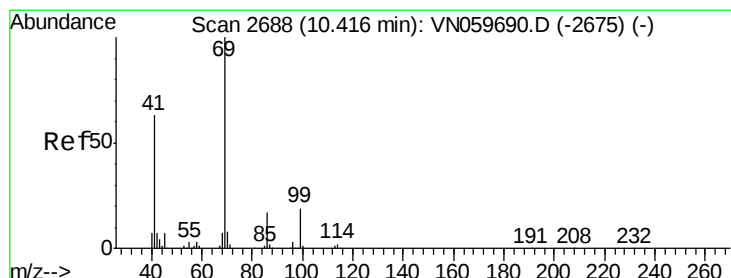
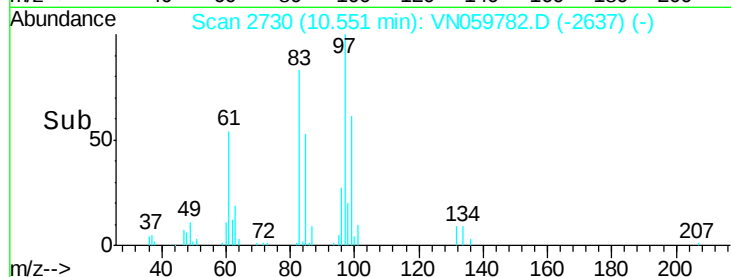
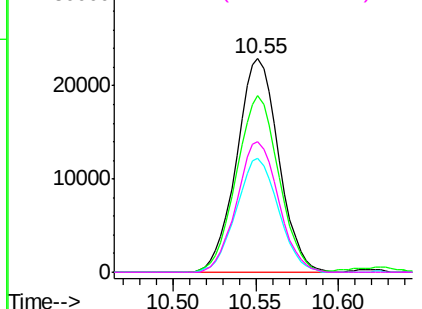


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.745 ug/l

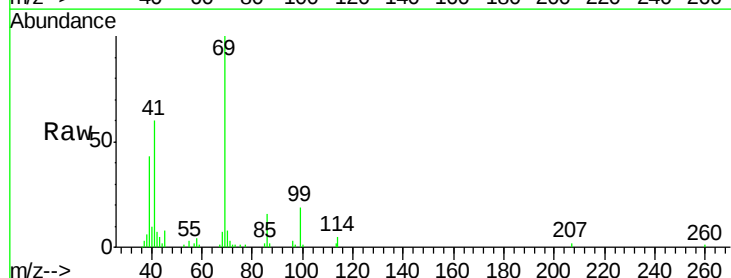
RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

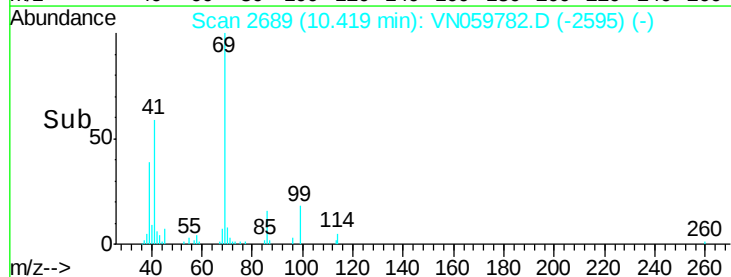
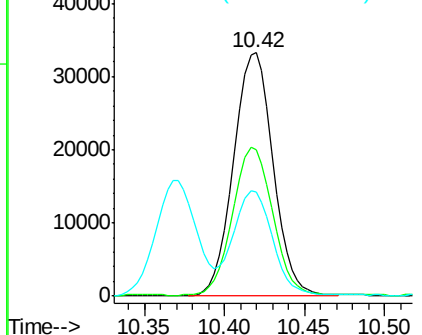
Tgt Ion:	69	Resp:	56229
Ion	Ratio	Lower	Upper
69	100		
41	62.6	57.1	85.7
39	44.1	34.7	52.1

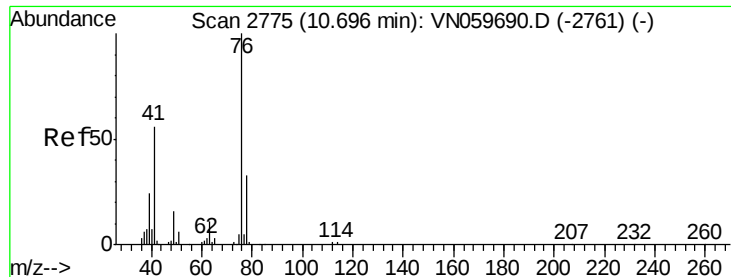


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.595 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tot Ion: 76 Resp: 63898

Ion Ratio Lower Upper

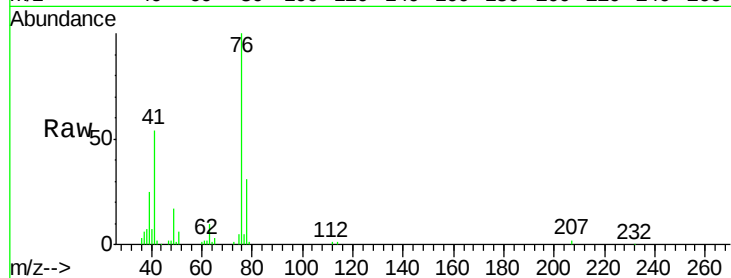
76 100

78 31.8 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

40000

30000

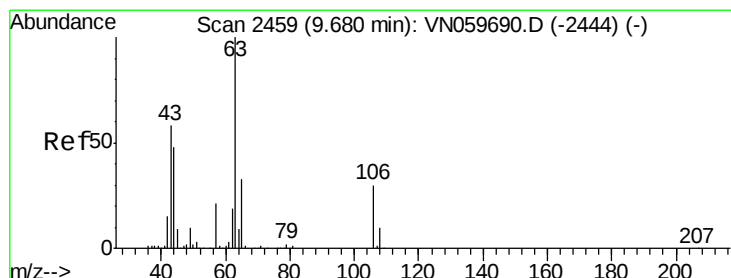
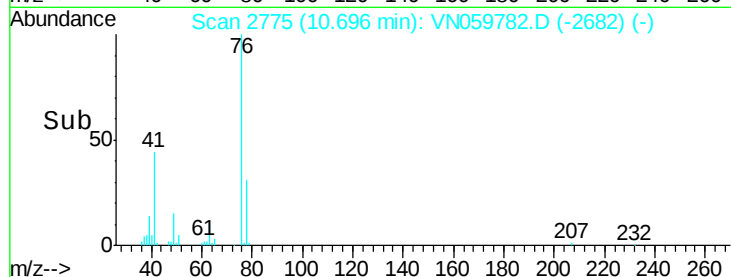
20000

10000

0

Time-->

10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 104.166 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059782.D

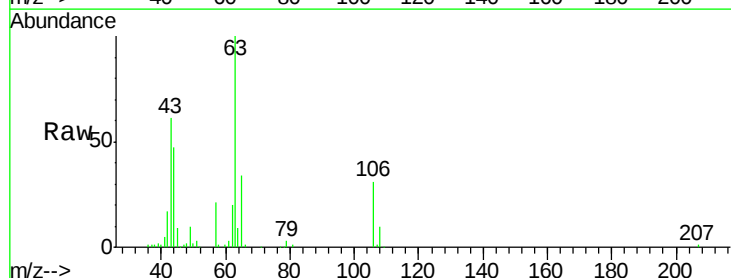
Acq: 20 Jan 2020 13:17

Tgt Ion: 63 Resp: 89349

Ion Ratio Lower Upper

63 100

106 30.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

50000

40000

30000

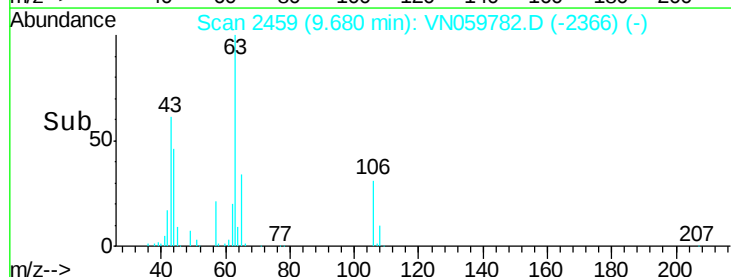
20000

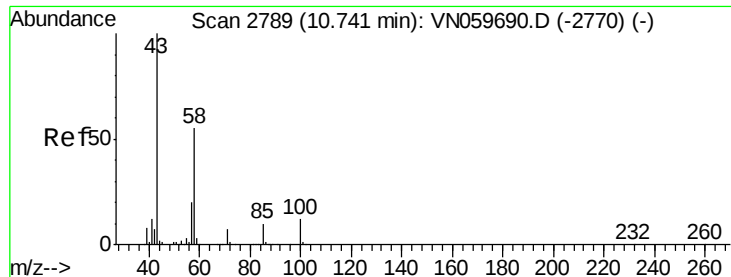
10000

0

Time-->

9.60 9.65 9.70 9.75 9.80





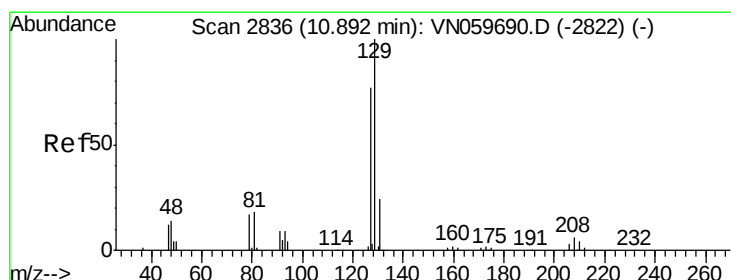
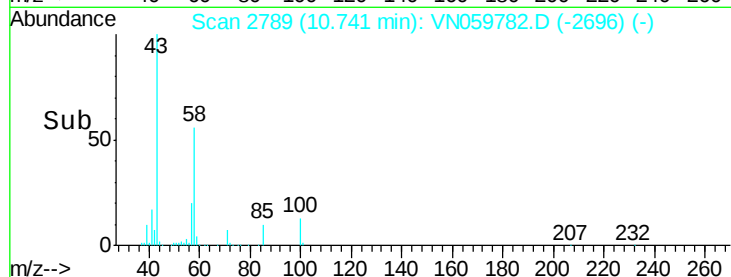
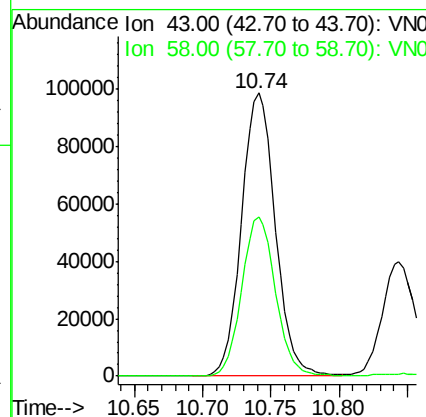
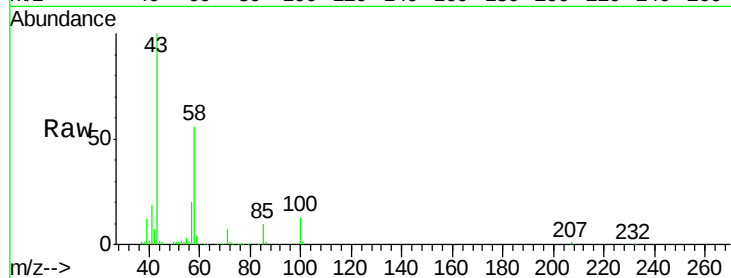
#59
2-Hexanone
Concen: 99.055 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	25.8	77.3

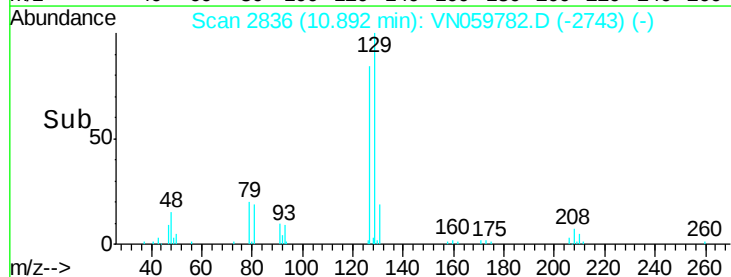
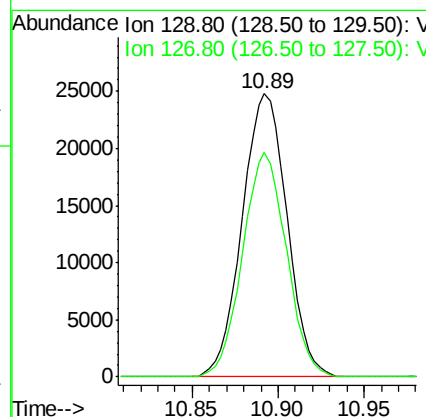
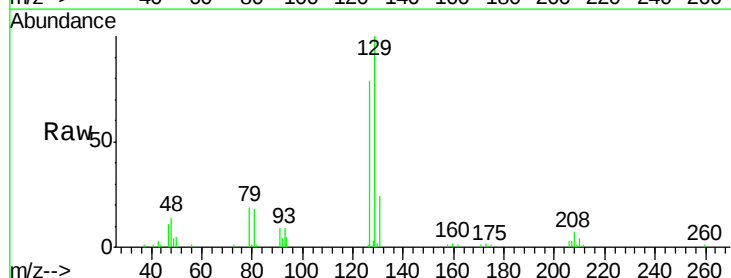
Manual Integrations
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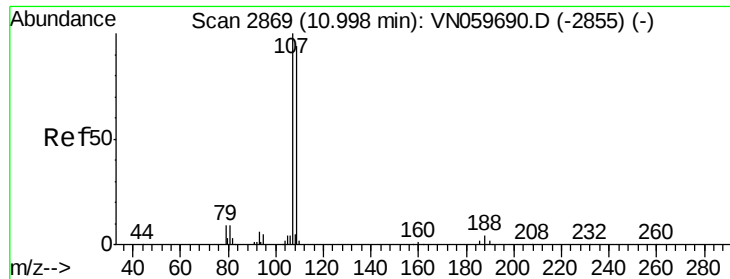
MMDadoda
1/21/2020 11:01:07 AM



#60
Dibromochloromethane
Concen: 21.088 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.5	115.5





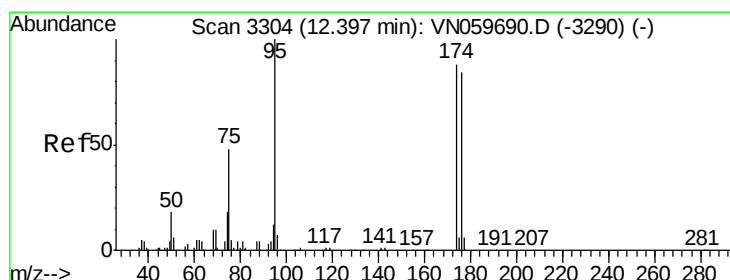
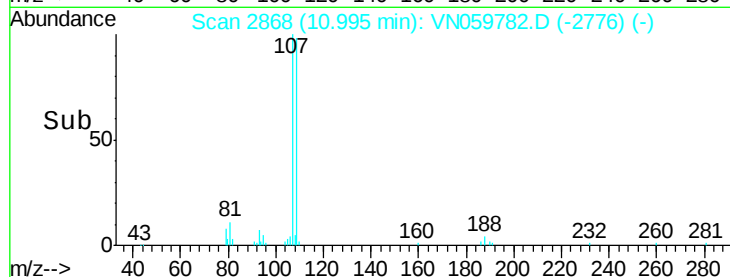
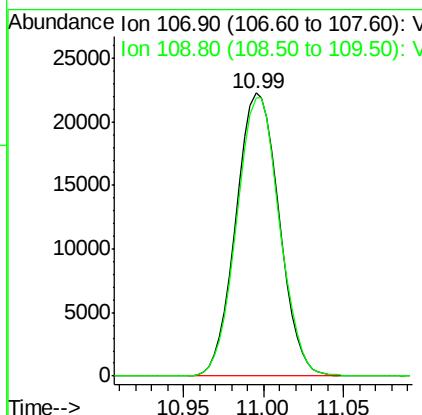
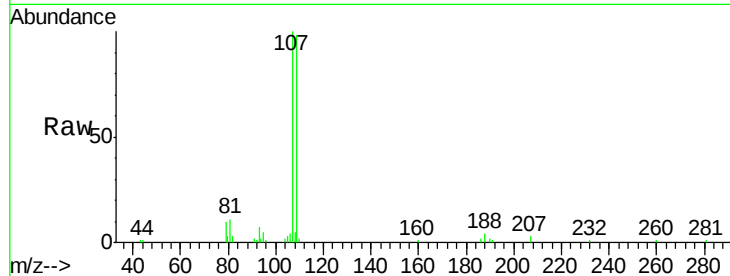
#61
 1,2-Dibromoethane
 Concen: 20.981 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.9	76.6	115.0

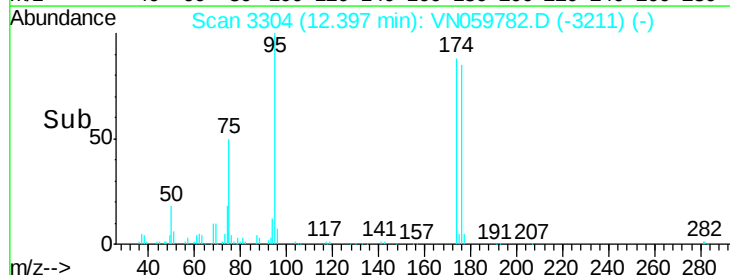
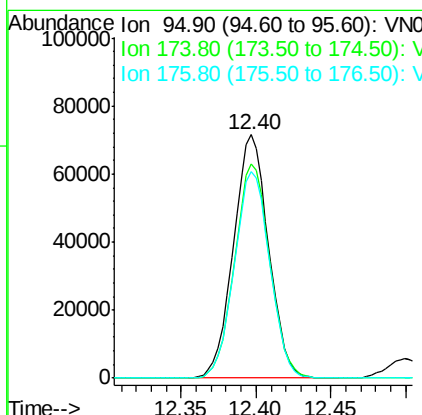
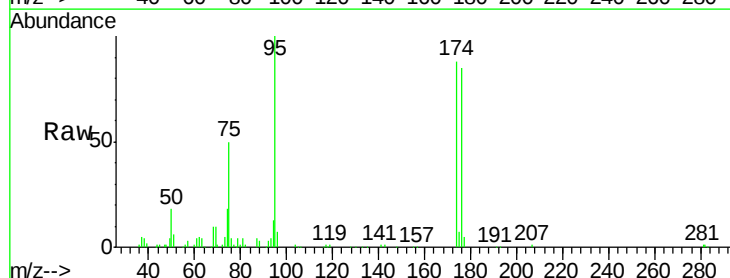
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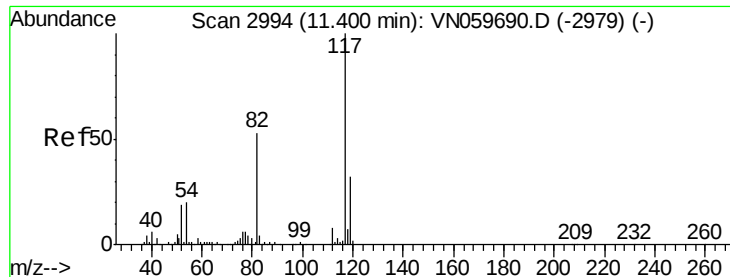
MMDadoda
 1/21/2020 11:01:07 AM



#62
 4-Bromofluorobenzene
 Concen: 48.828 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	151.4
176	85.7	0.0	146.0





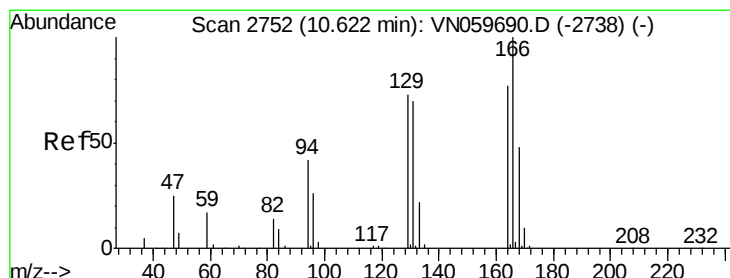
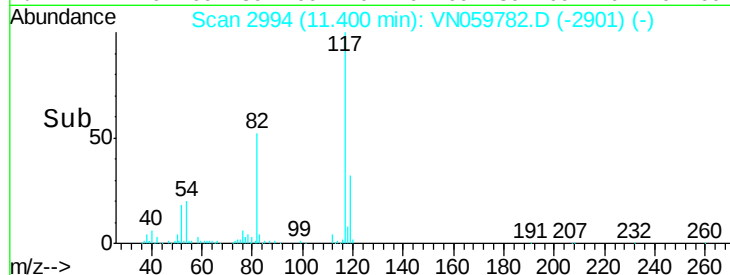
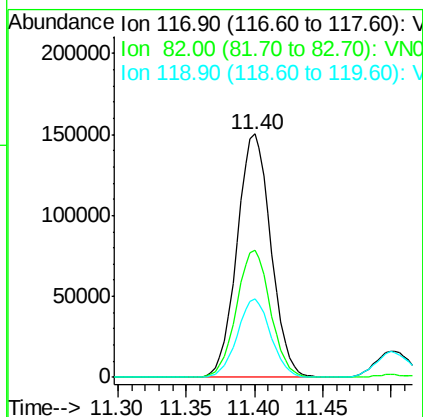
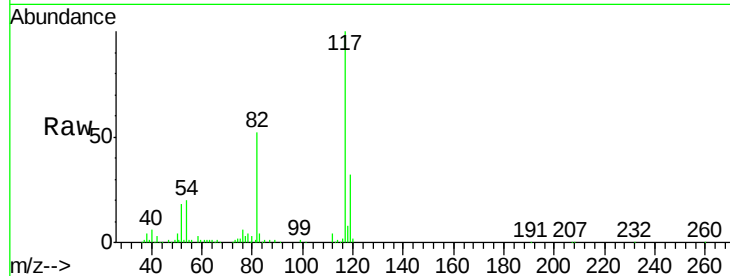
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	258809		
82	52.1		45.9	68.9
119	32.0		25.5	38.3

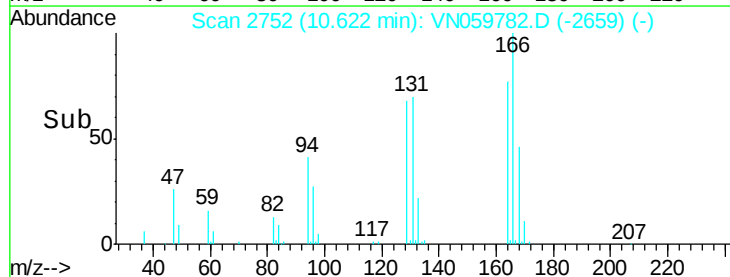
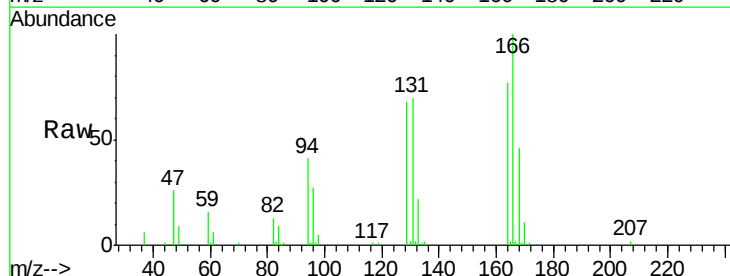
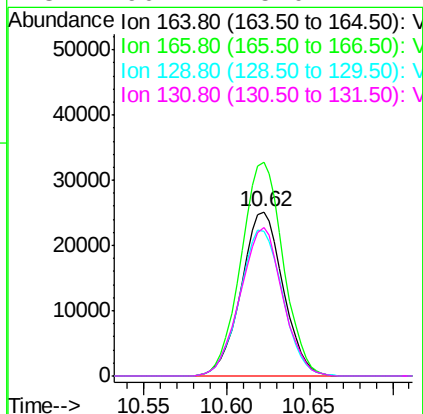
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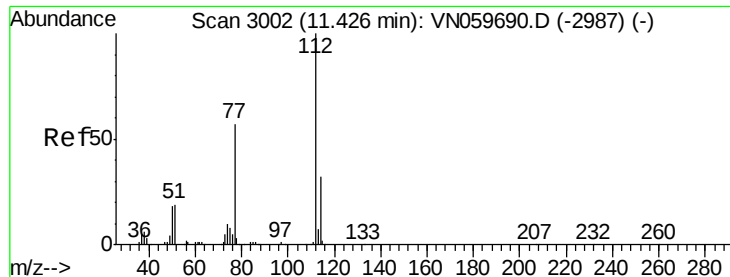
MMDadoda
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#64
Tetrachloroethene
Concen: 20.959 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44210		
166	129.9		101.4	152.0
129	88.2		80.2	120.4
131	90.7		75.0	112.4





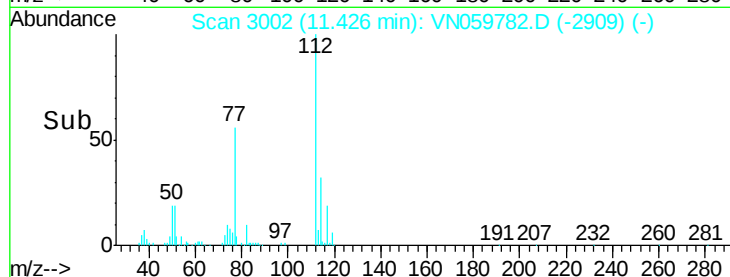
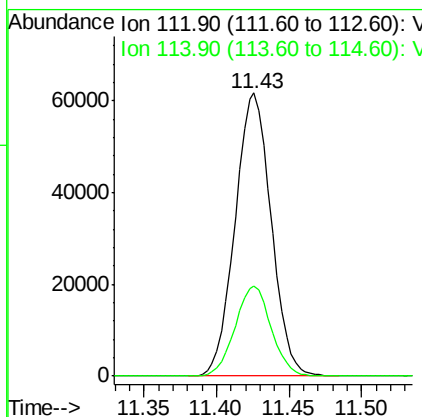
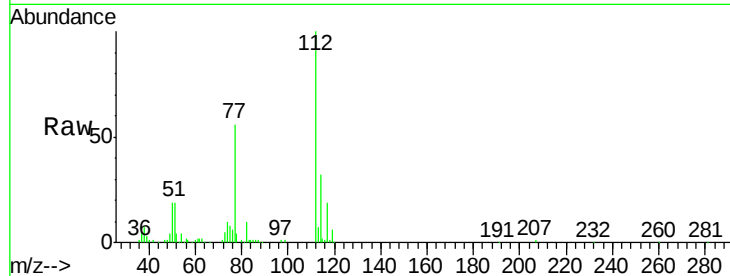
#65
Chlorobenzene
Concen: 20.978 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0120WBSD01

Tot Ion:112 Resp: 106716
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

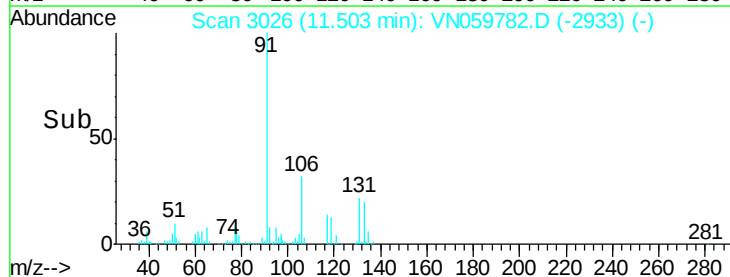
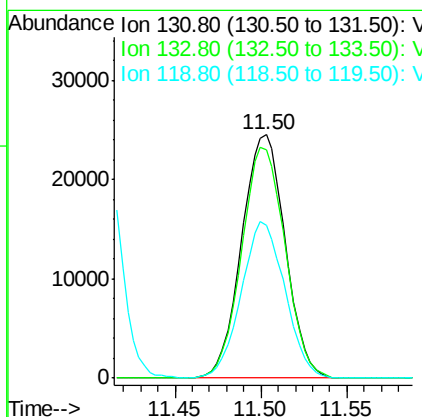
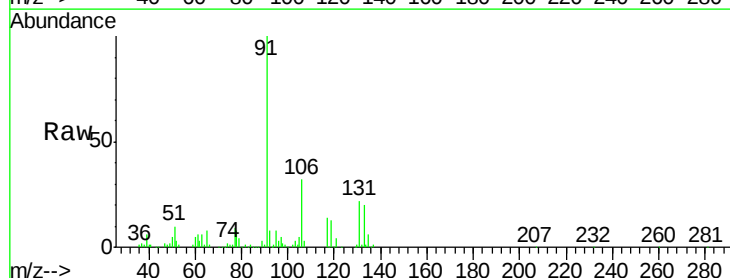
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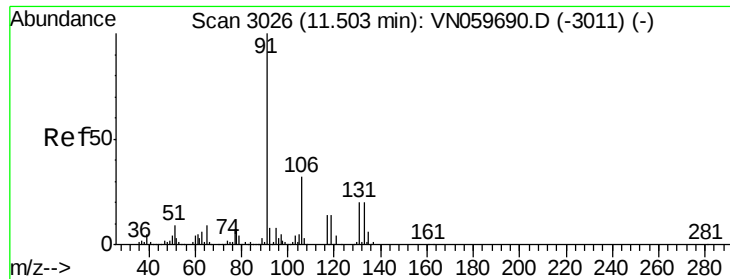
MMDadoda
1/21/2020 11:01:07 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.972 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion:131 Resp: 43189
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 64.4 33.1 99.3





#67

Ethyl Benzene

Concen: 20.709 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tot Ion: 91 Resp: 191239

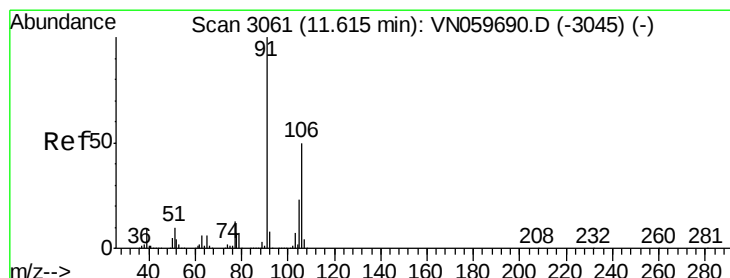
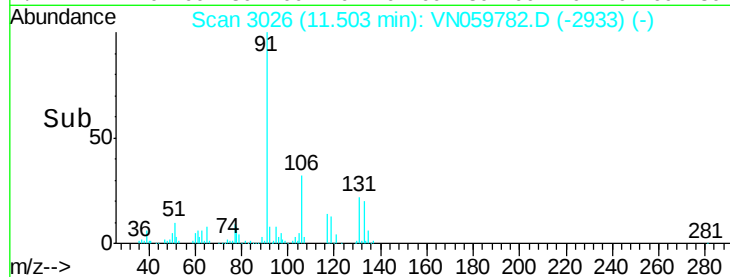
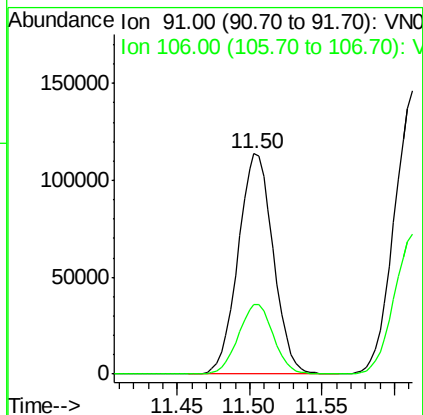
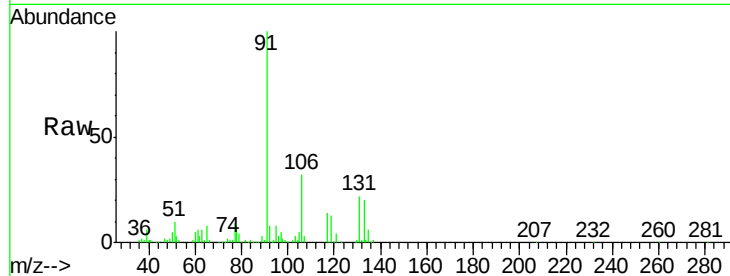
Ion Ratio Lower Upper

91 100

106 31.6 24.1 36.1

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#68

m/p-Xylenes

Concen: 41.614 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059782.D

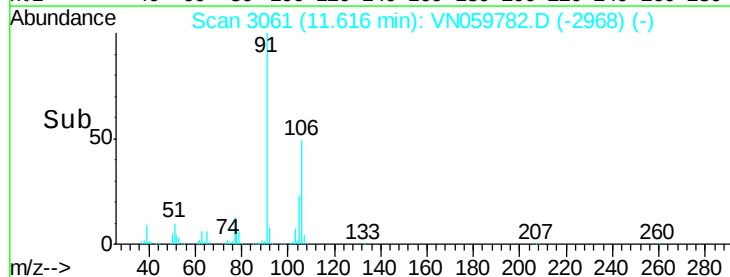
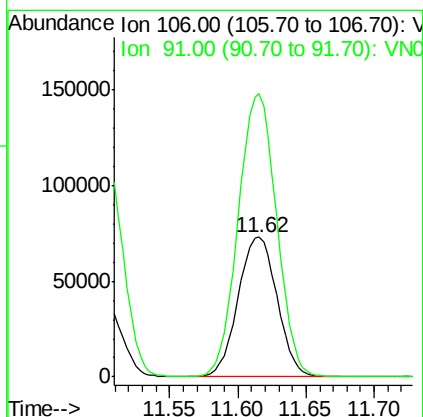
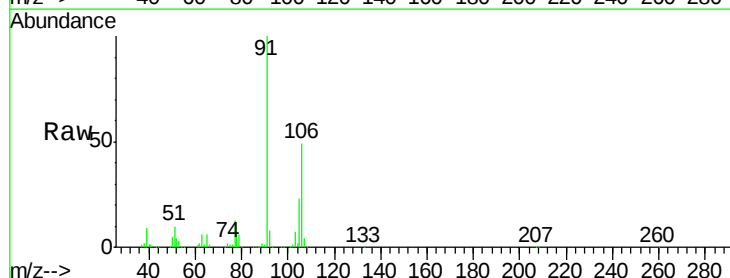
Acq: 20 Jan 2020 13:17

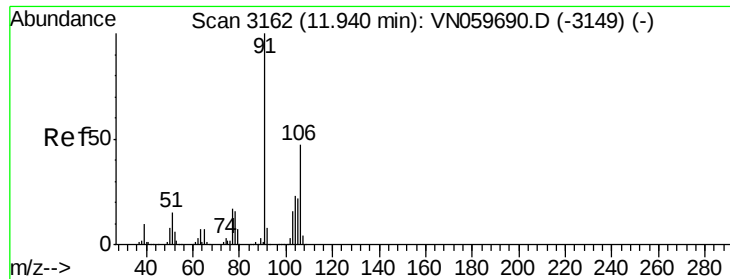
Tgt Ion: 106 Resp: 145159

Ion Ratio Lower Upper

106 100

91 198.6 167.9 251.9





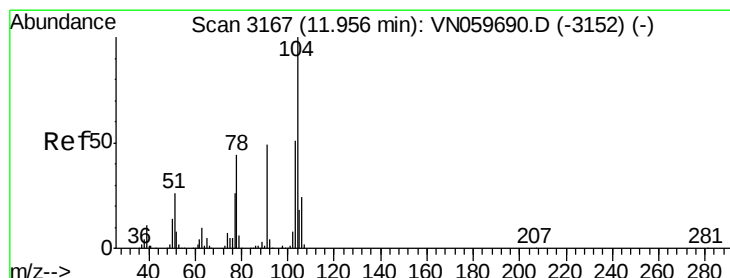
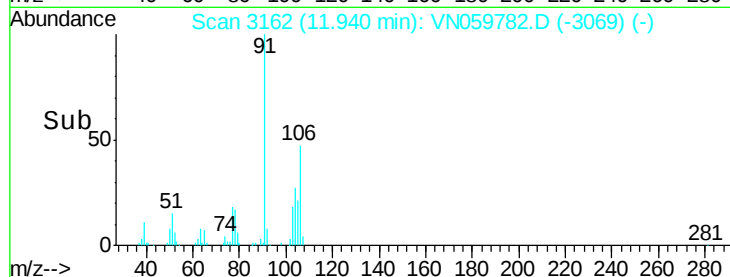
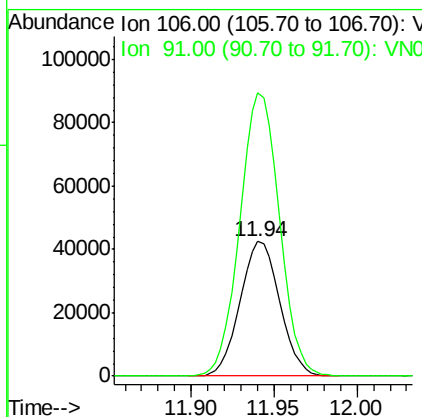
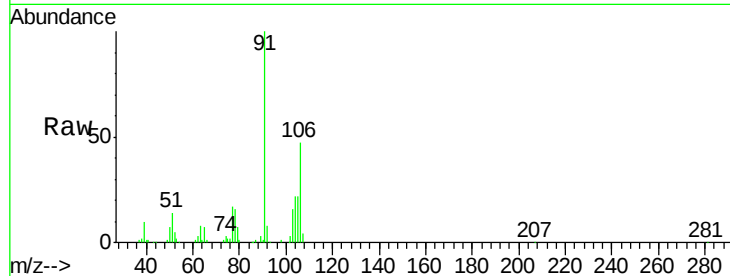
#69
o-Xylene
Concen: 20.701 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion:106 Resp: 70696
Ion Ratio Lower Upper
106 100
91 210.8 110.3 330.9

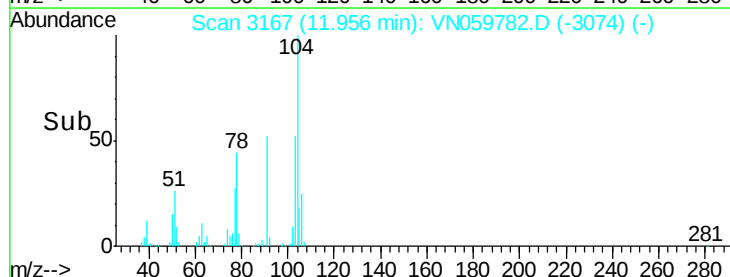
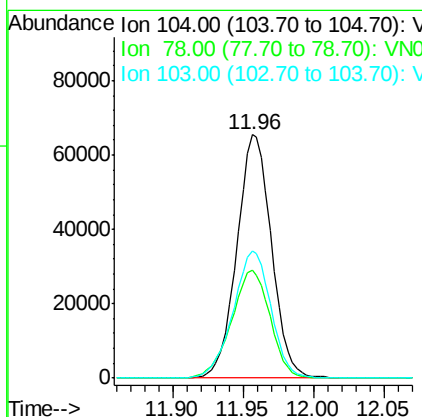
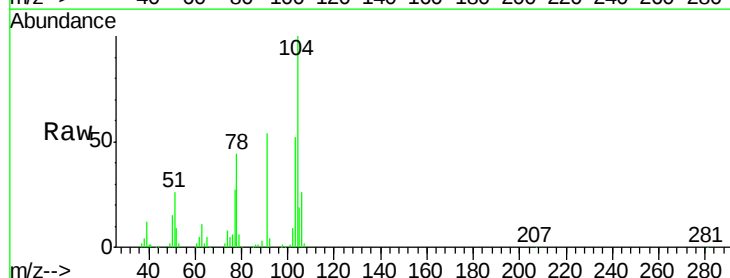
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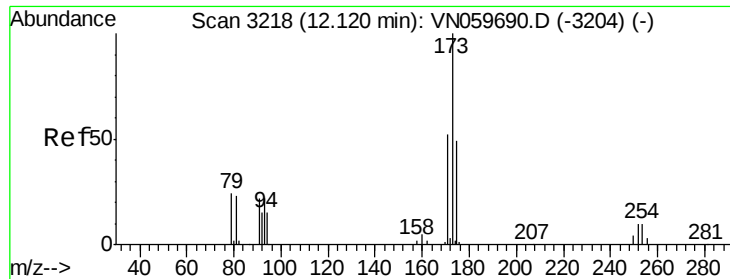
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#70
Styrene
Concen: 19.716 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion:104 Resp: 112667
Ion Ratio Lower Upper
104 100
78 49.2 42.4 63.6
103 57.0 43.9 65.9





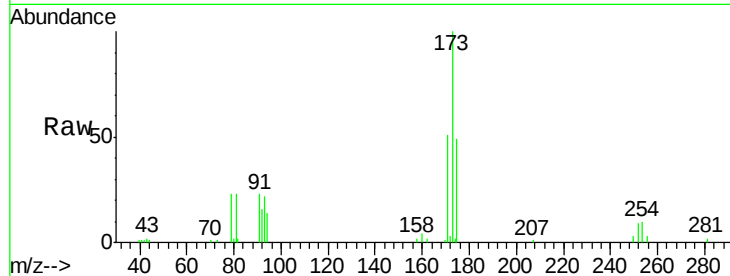
#71
Bromoform
Concen: 21.392 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	23.8	71.4
254	0.0	0.0	0.0

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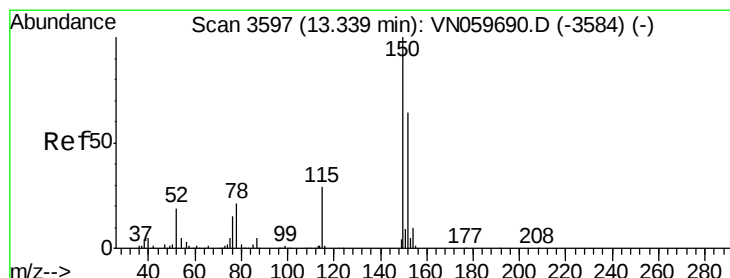
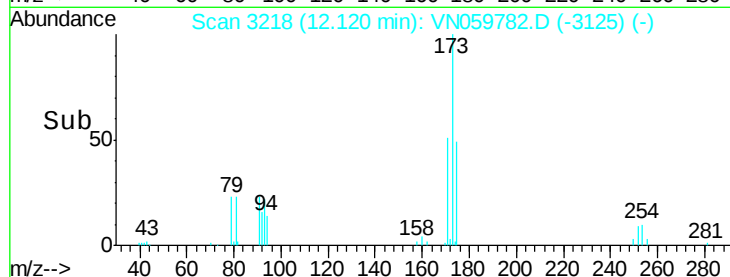
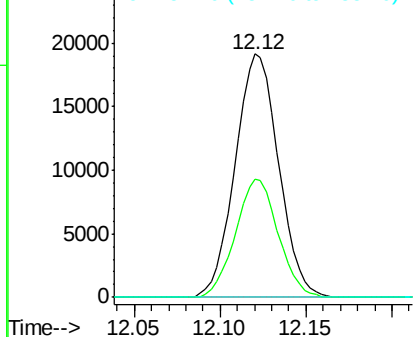


Abundance

Ion 172.70 (172.40 to 173.40): V

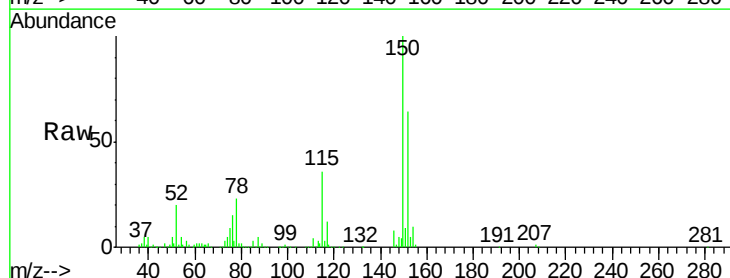
Ion 174.70 (174.40 to 175.40): V

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: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	30.3	90.9
150	162.1	0.0	345.2

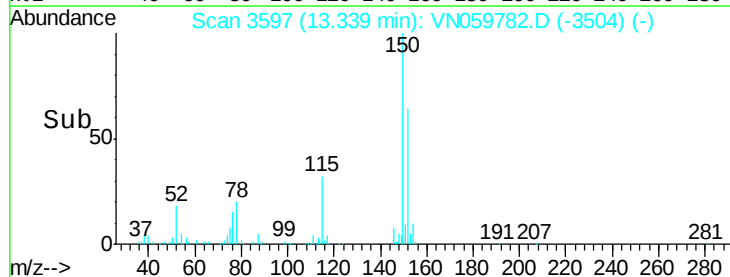
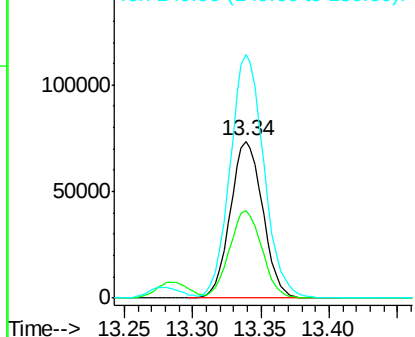


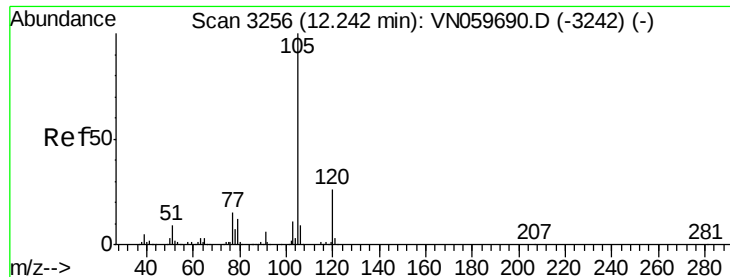
Abundance

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





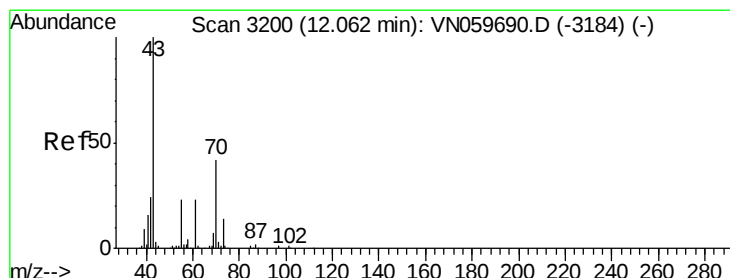
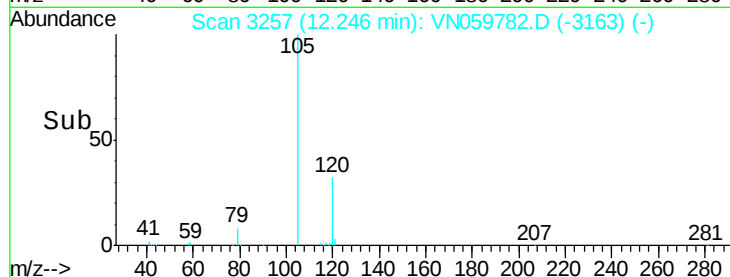
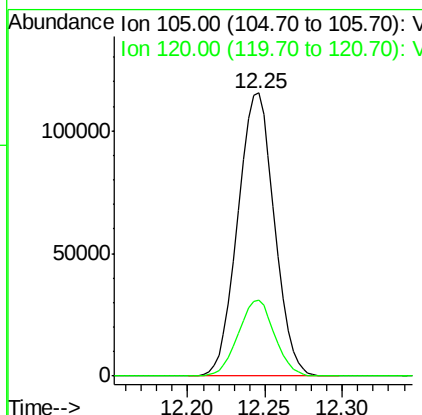
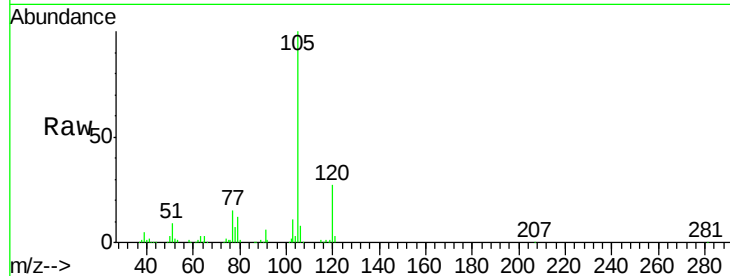
#73
Isopropylbenzene
Concen: 21.386 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.2	39.5

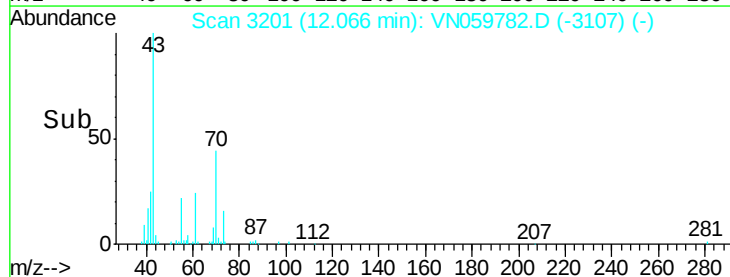
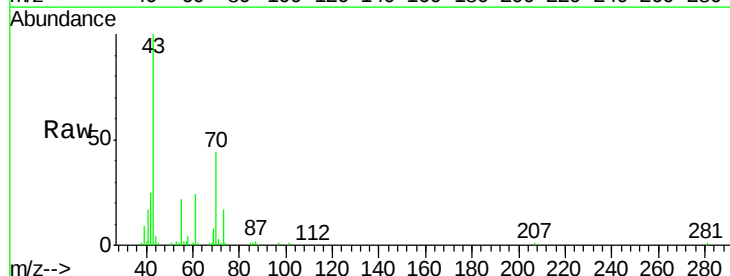
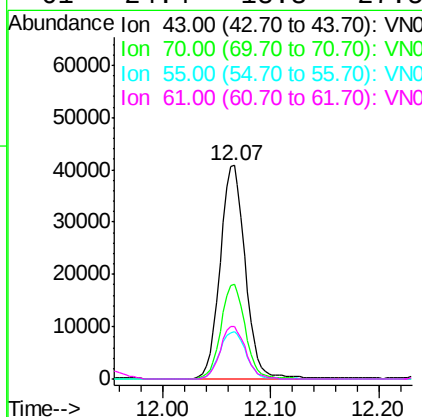
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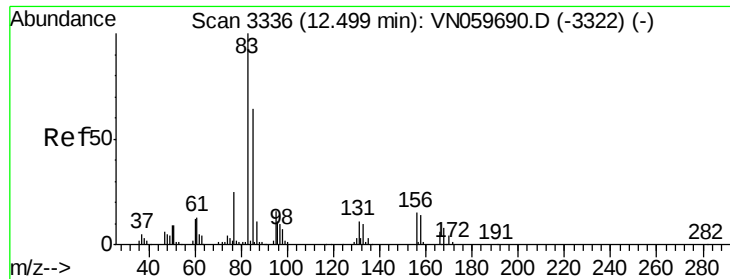
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#74
N-ethyl acetate
Concen: 19.313 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.8	31.3	46.9
55	22.8	19.8	29.6
61	24.4	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.828 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

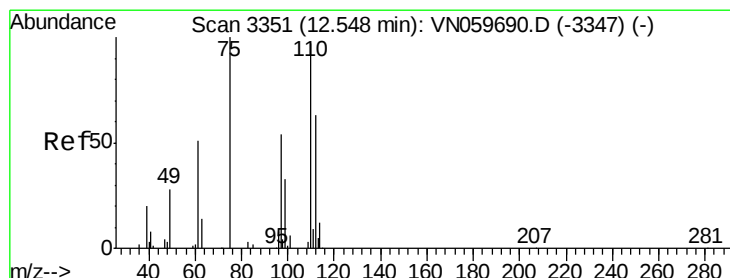
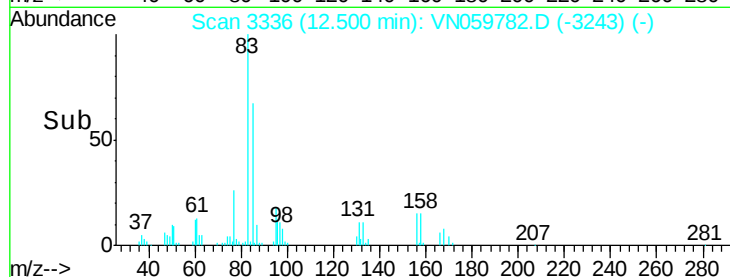
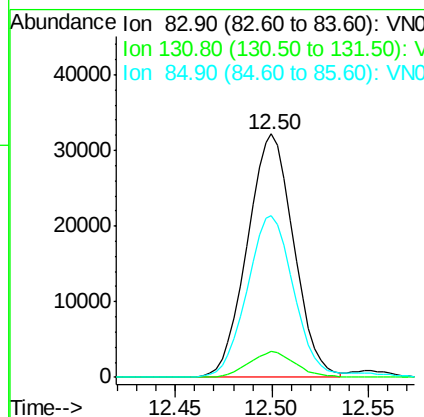
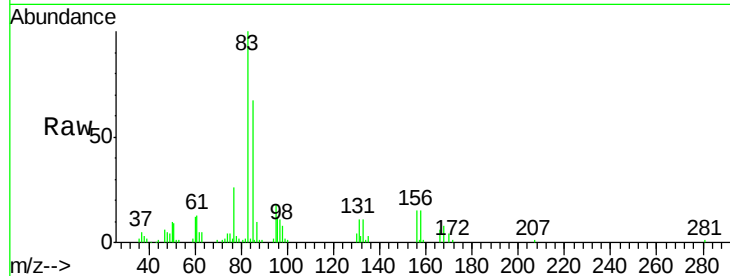
ClientSampleId :

VN0120WBSD01

Tot Ion:	83	Resp:	53716
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	14.9
85	66.8	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 21.922 ug/l m

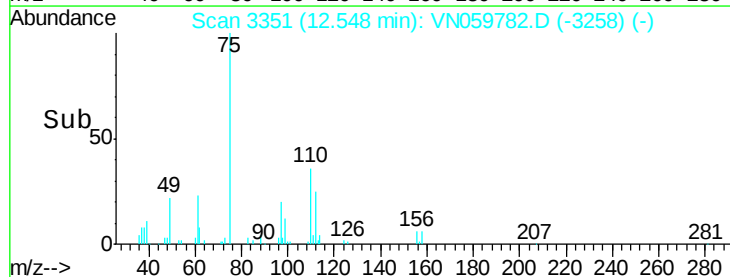
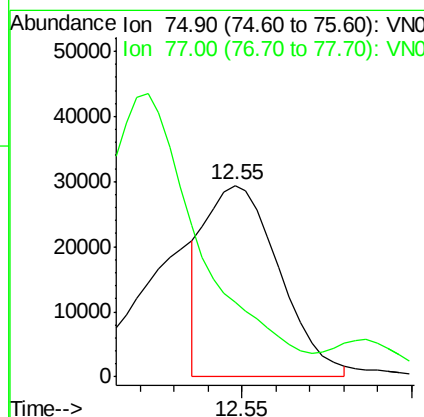
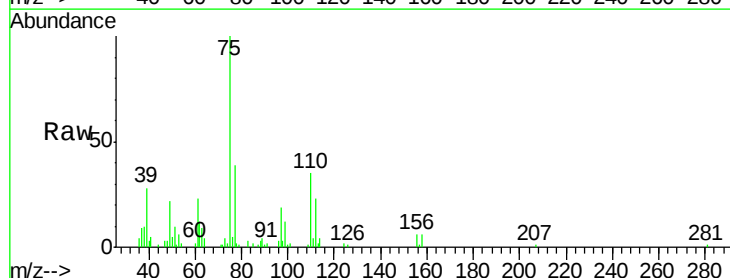
RT: 12.55 min Scan# 3351

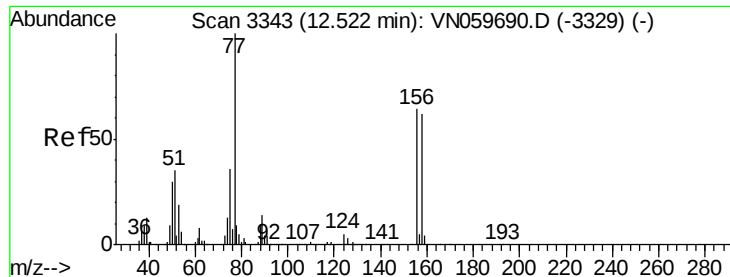
Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Tgt Ion:	75	Resp:	44752
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.183 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Instrument :

MSVOA_N

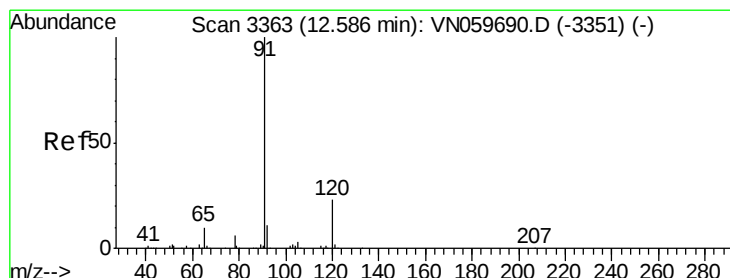
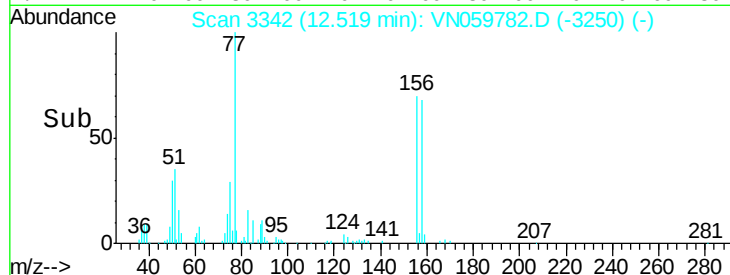
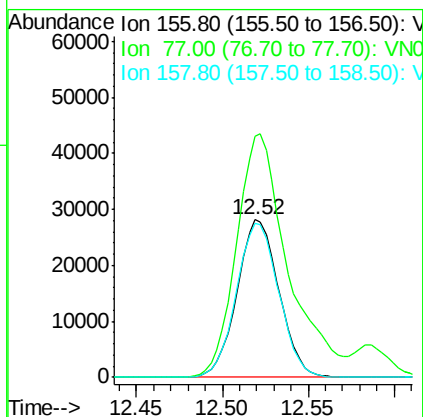
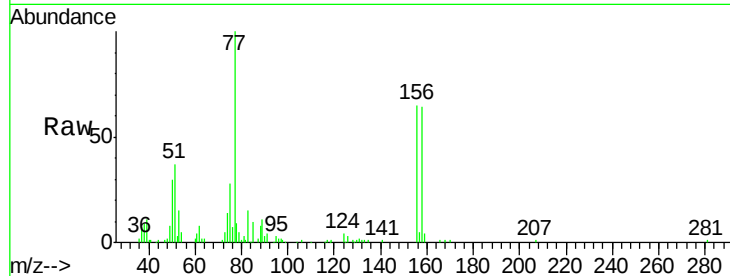
ClientSampleId :

VN0120WBSD01

Tot Ion:	156	Resp:	47723
Ion Ratio	Lower	Upper	
156	100		
77	189.0	115.8	347.4
158	98.8	49.2	147.6

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#78

n-propylbenzene

Concen: 21.035 ug/l

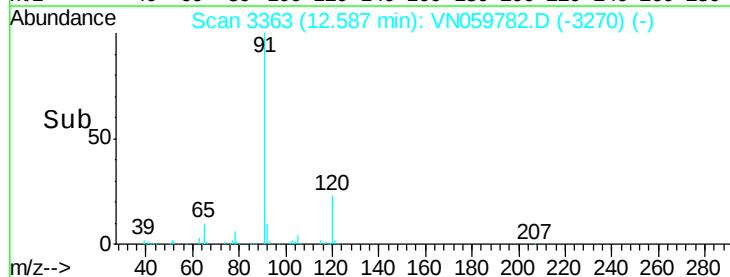
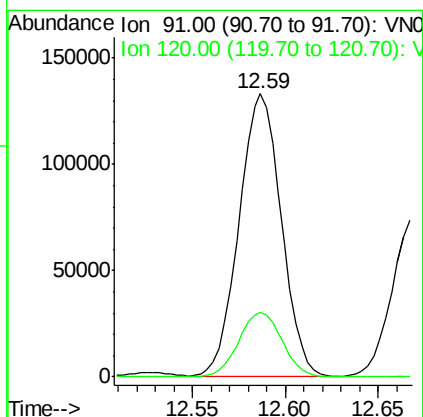
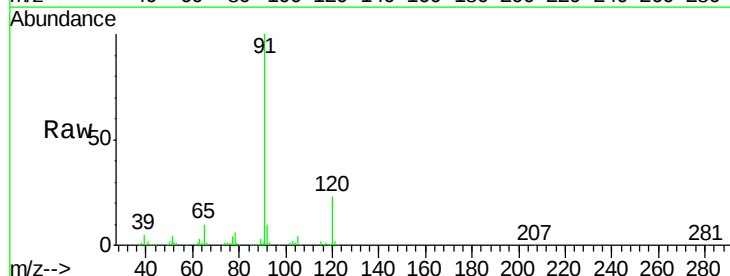
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Tgt Ion:	91	Resp:	210033
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.1	33.3





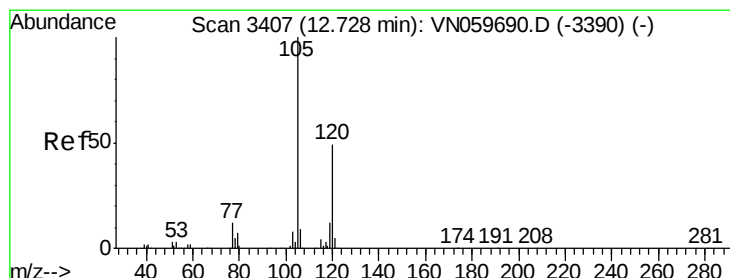
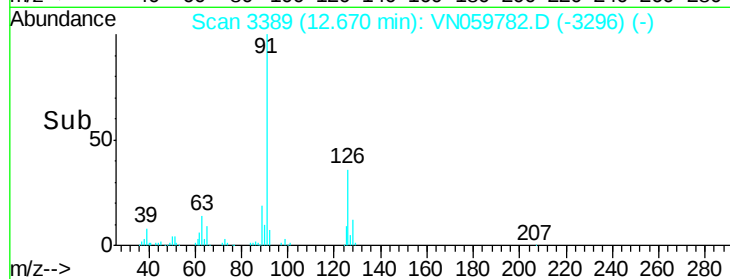
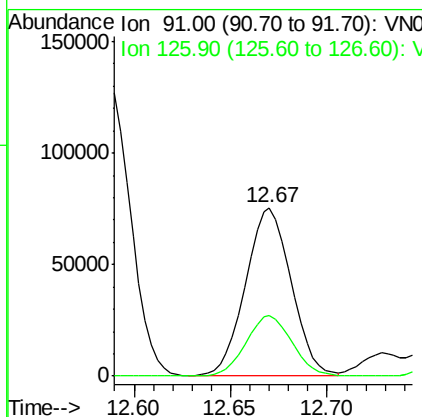
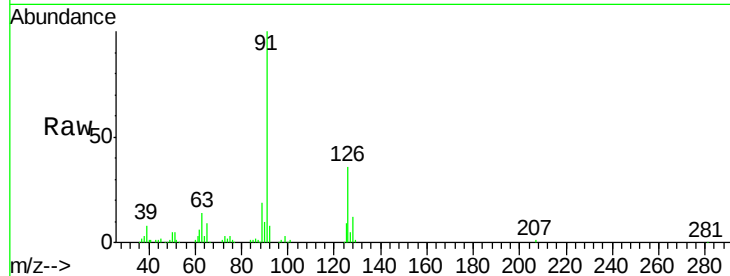
#79
 2-Chlorotoluene
 Concen: 20.793 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
126	36.2		123512	16.3	48.9

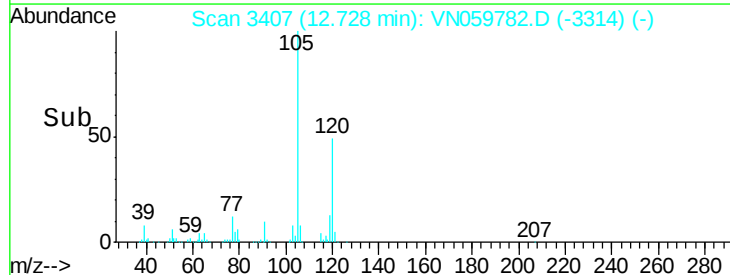
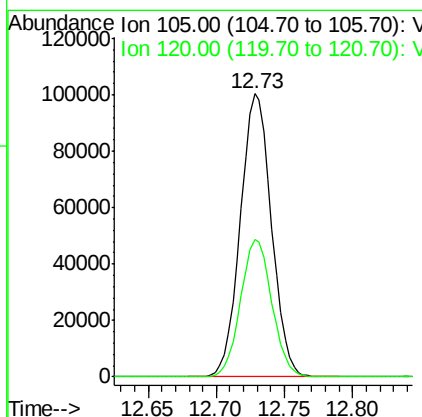
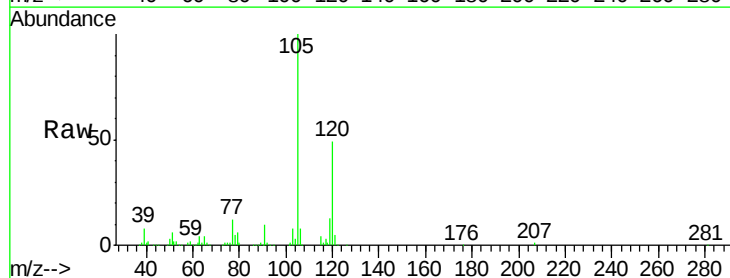
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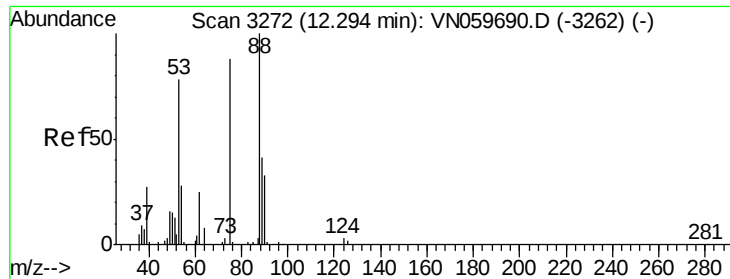
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.217 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
120	48.7		158739	24.1	72.4





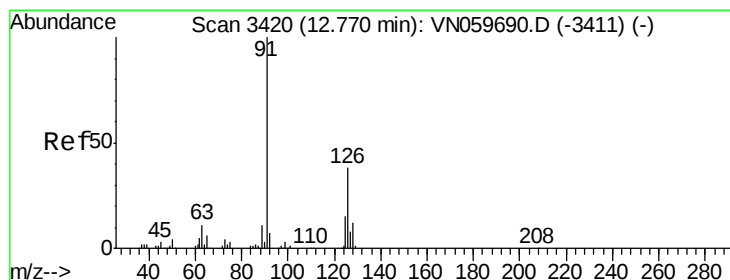
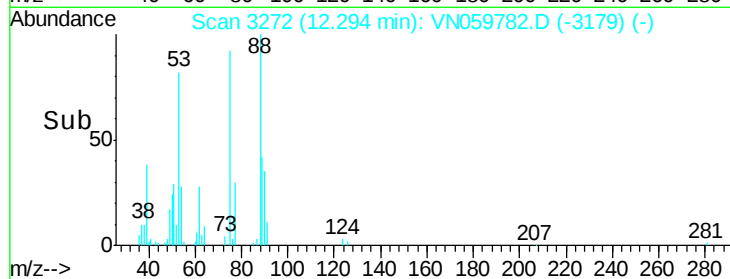
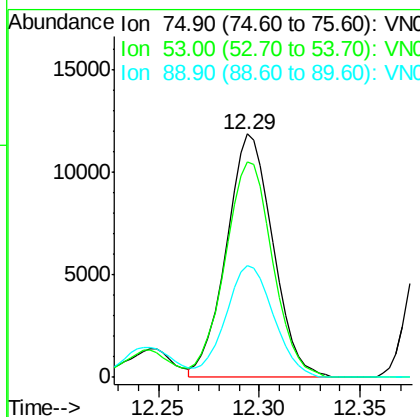
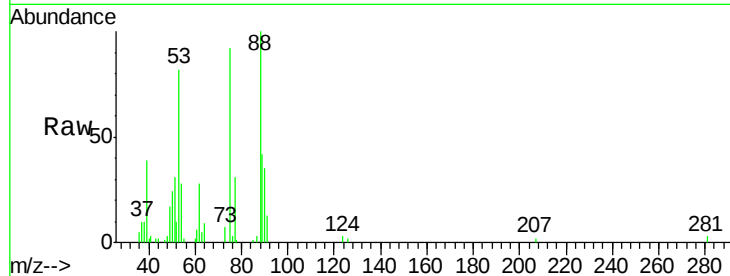
#81
trans-1,4-Dichloro-2-butene
Concen: 20.119 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	78.1	117.1
89	47.2	35.4	53.2

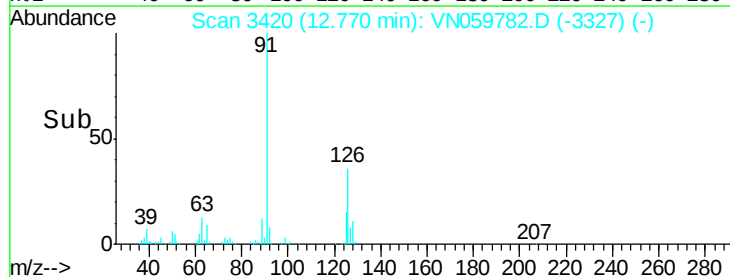
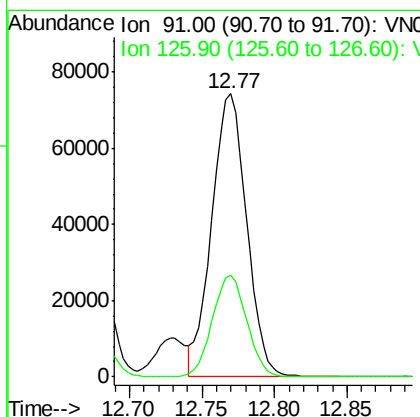
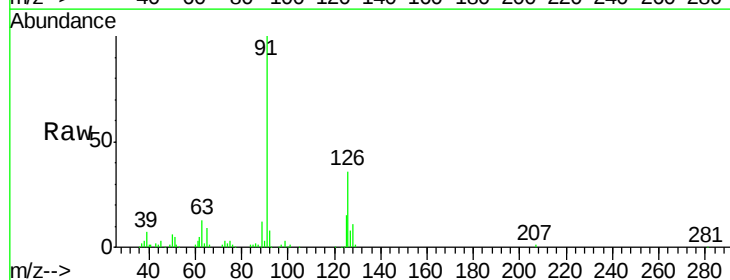
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#82
4-Chlorotoluene
Concen: 20.818 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	16.3	48.8





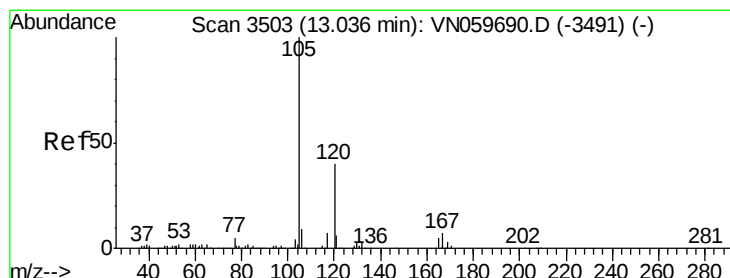
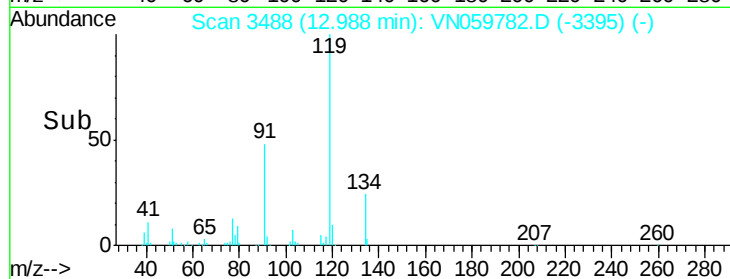
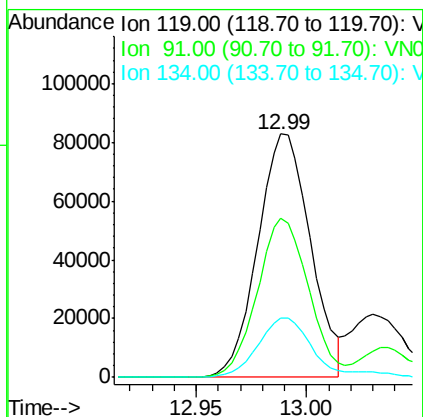
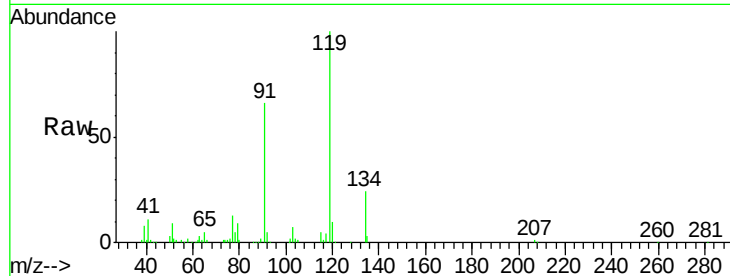
#83
tert-Butylbenzene
Concen: 21.263 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	34.8	104.4
134	24.5	12.3	36.9

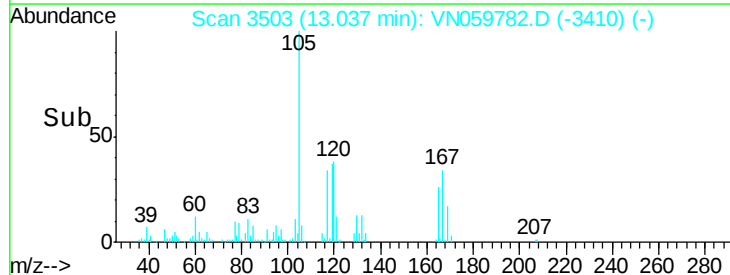
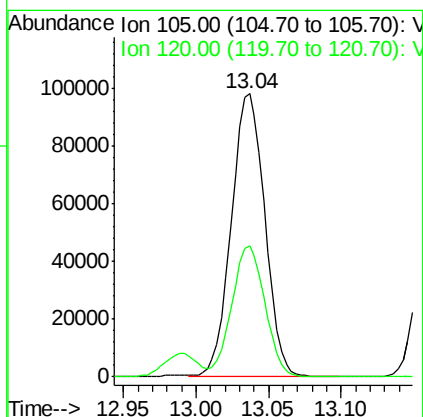
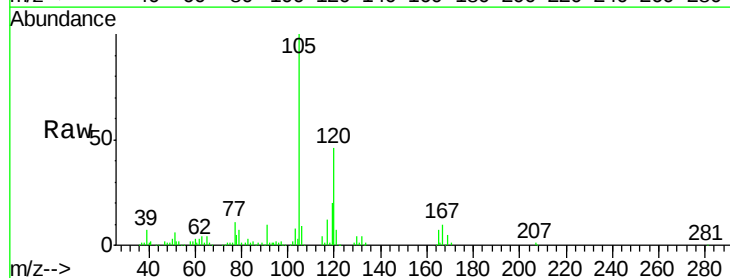
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#84
1,2,4-Trimethylbenzene
Concen: 21.272 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.3	66.9





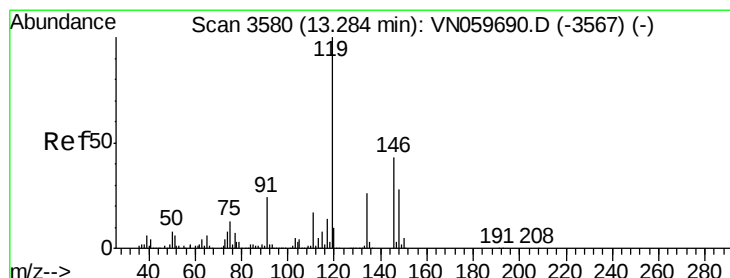
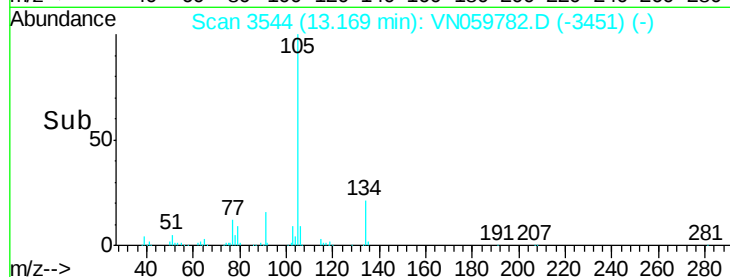
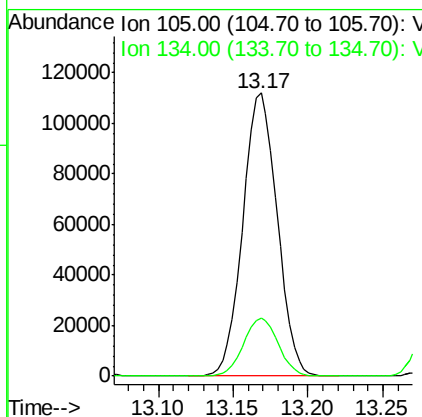
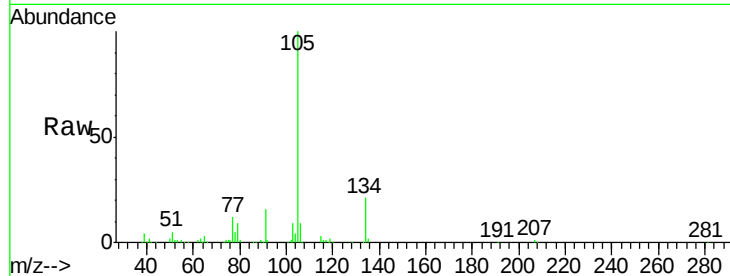
#85
 sec-Butylbenzene
 Concen: 21.080 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	9.8	29.5

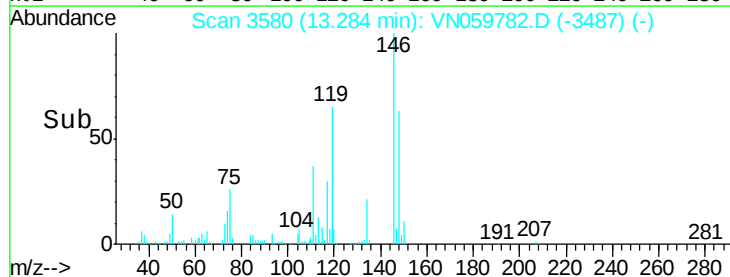
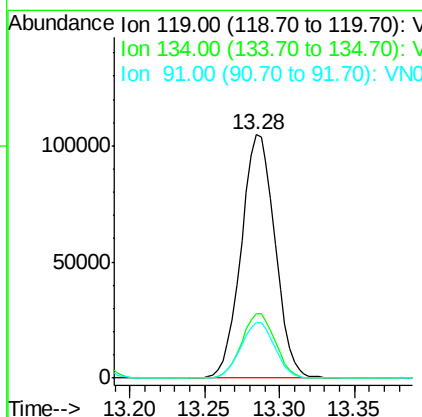
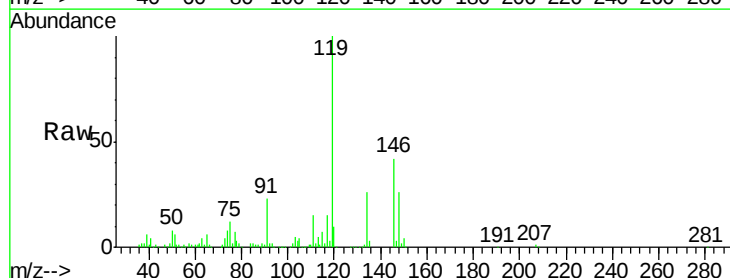
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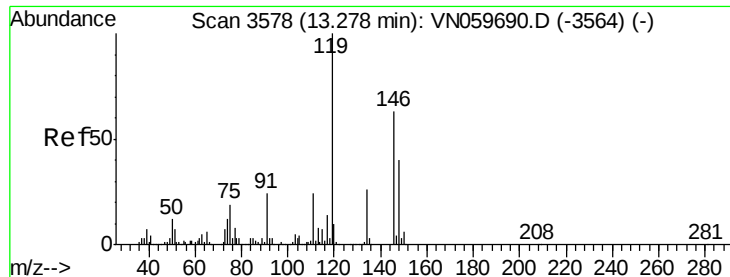
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#86
 p-Isopropyltoluene
 Concen: 20.981 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.7
91	23.1	12.4	37.4





#87

1,3-Dichlorobenzene

Concen: 21.149 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059782.D

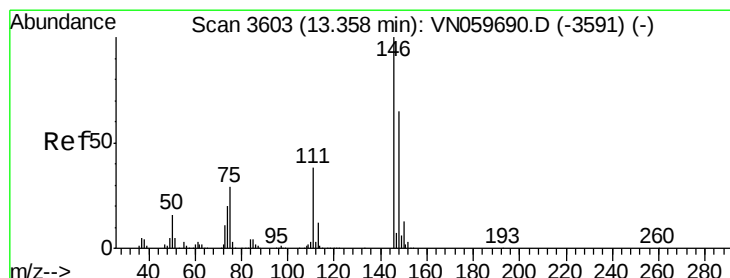
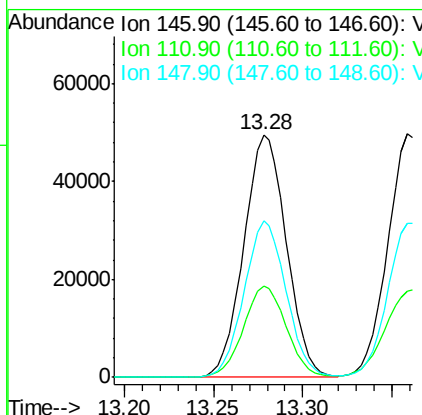
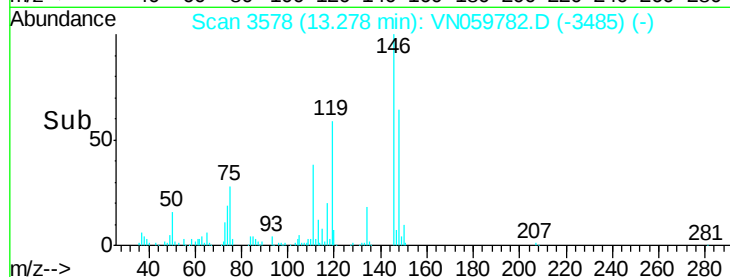
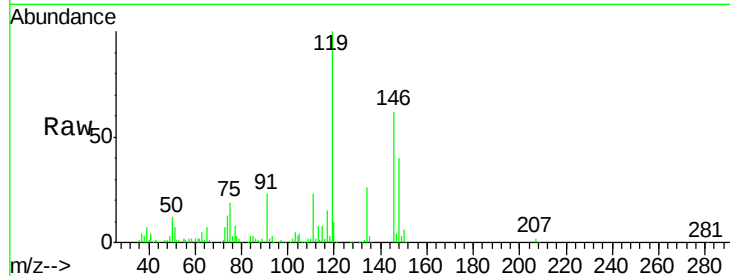
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.8	62.2
148	63.6	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 21.184 ug/l

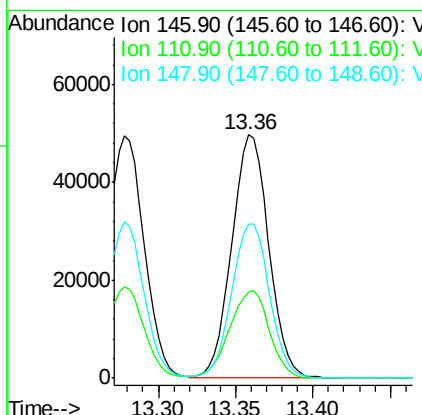
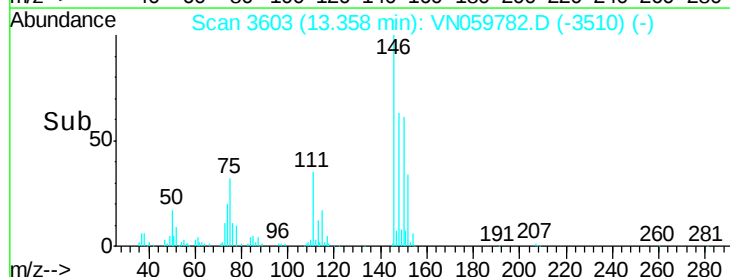
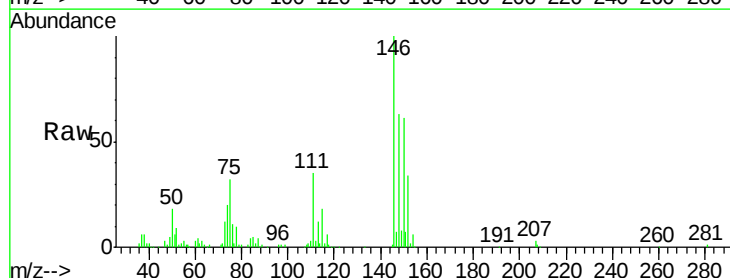
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059782.D

Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.8	62.2
148	64.6	31.8	95.4





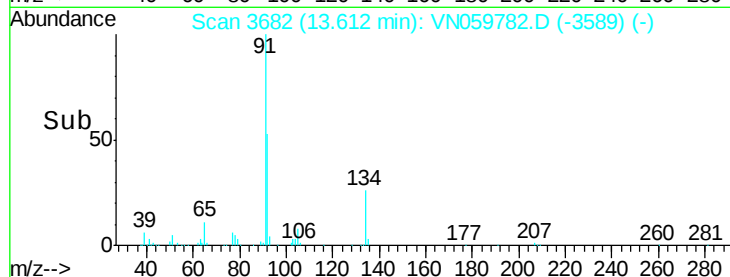
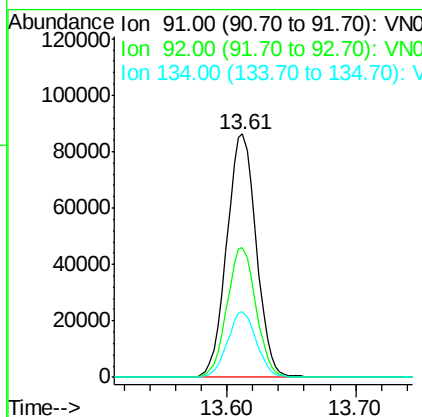
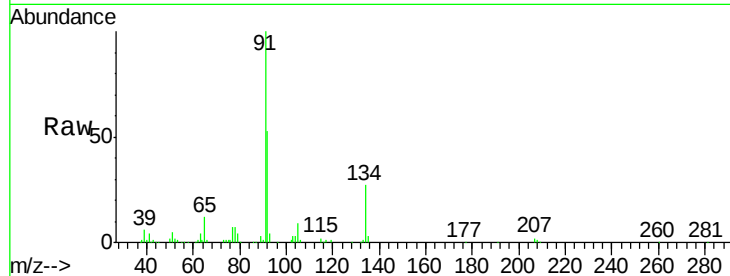
#89
n-Butylbenzene
Concen: 20.387 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.9	77.7
134	26.5	12.3	36.8

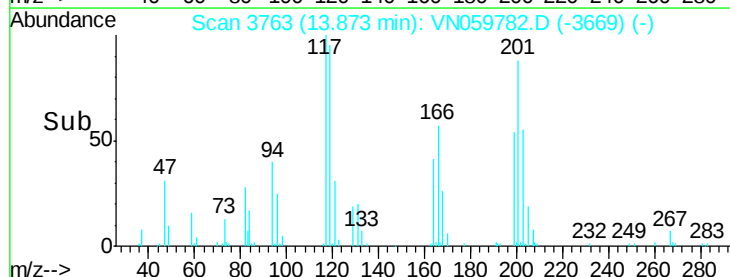
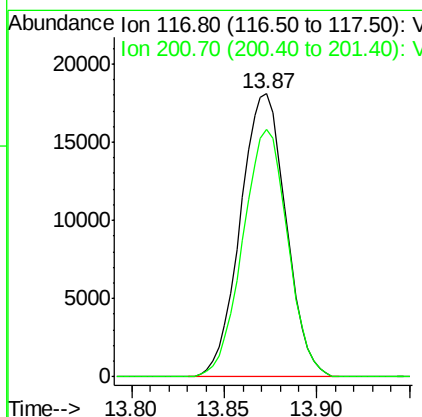
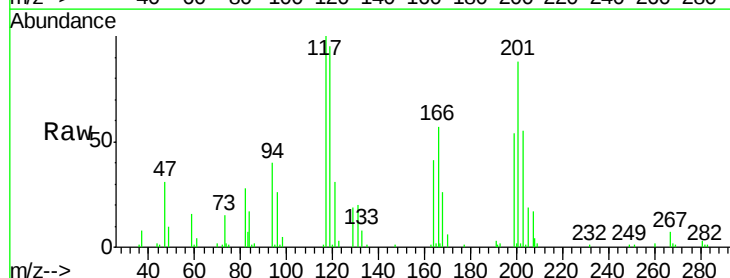
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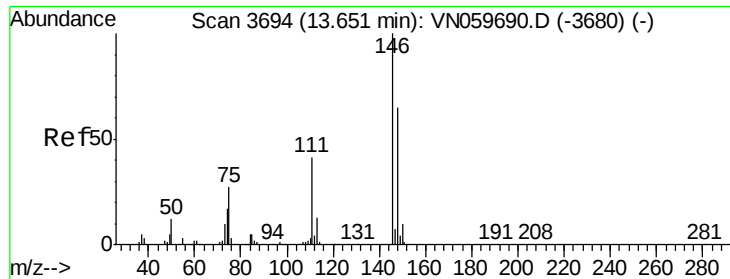
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#90
Hexachloroethane
Concen: 21.057 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	37.8	113.4





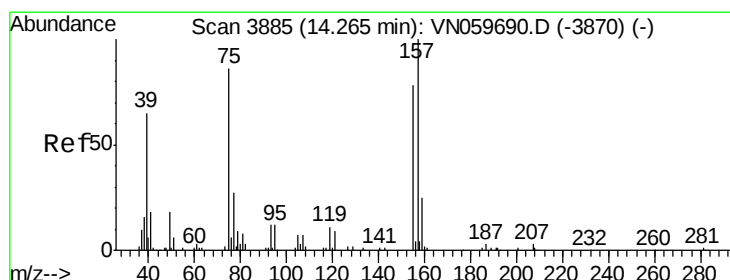
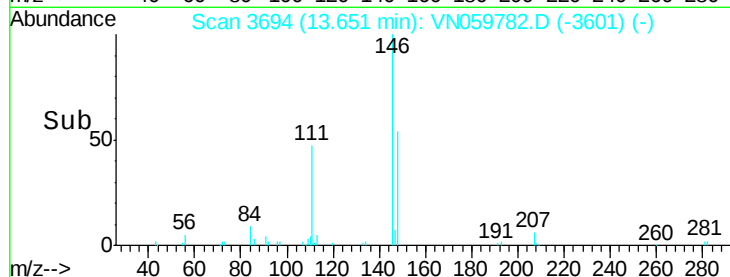
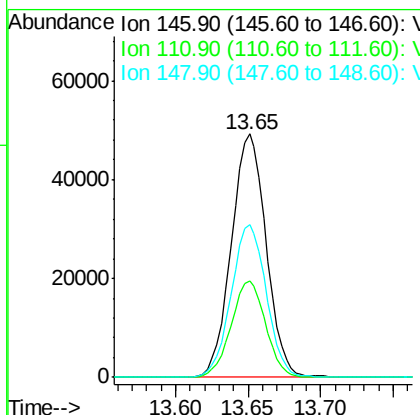
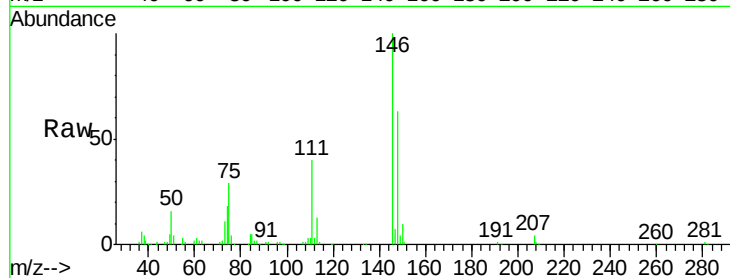
#91
 1,2-Dichlorobenzene
 Concen: 21.199 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	21.6	64.8
148	63.3	31.6	95.0

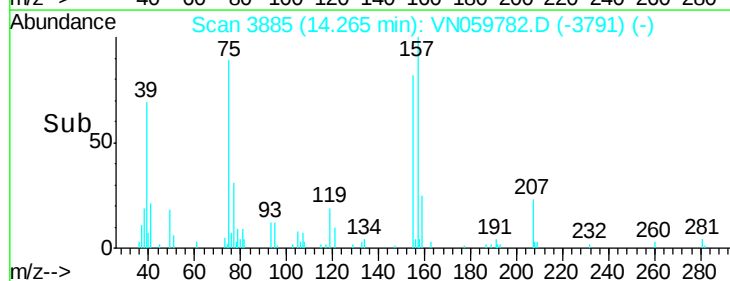
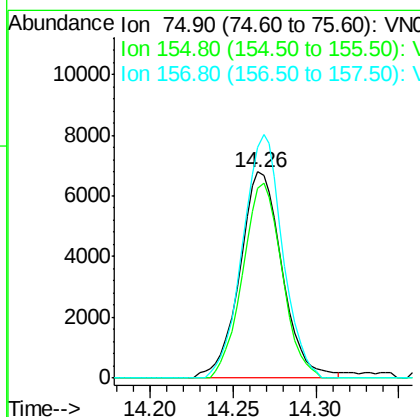
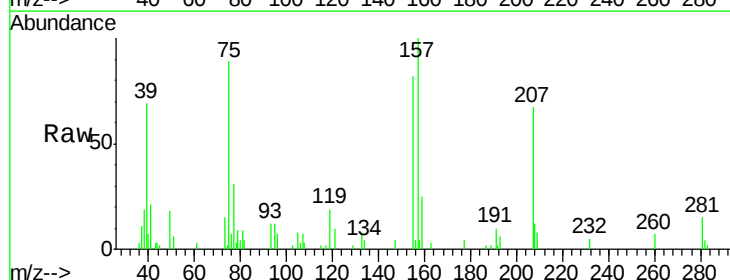
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.619 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059782.D
 Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	37.0	110.9
157	110.9	48.4	145.2





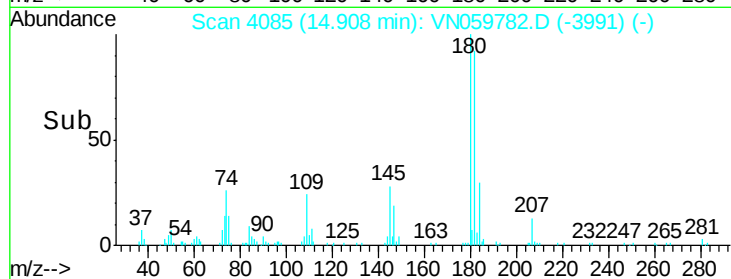
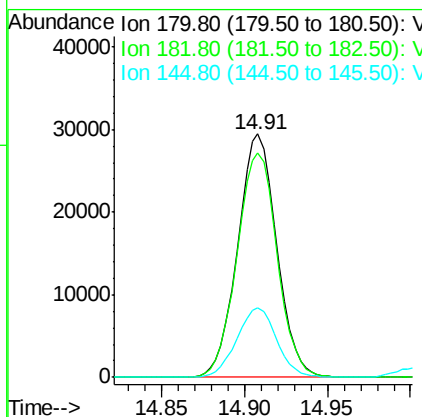
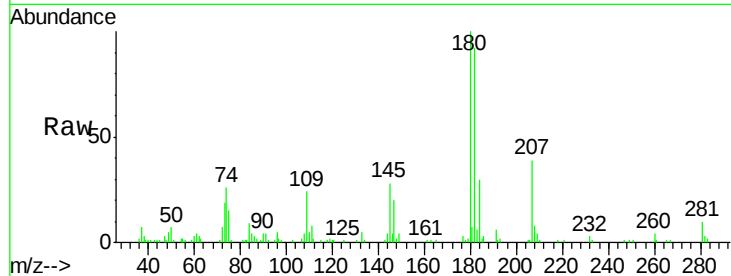
#93
1,2,4-Trichlorobenzene
Concen: 20.725 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.7
145	29.1	15.0	45.1

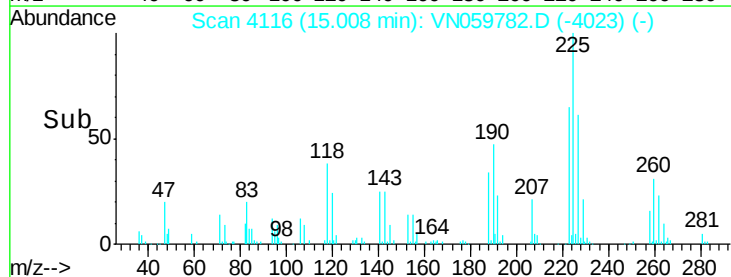
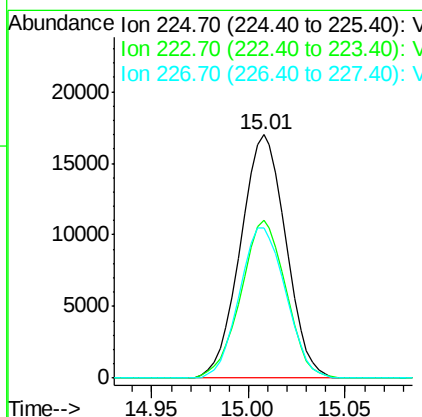
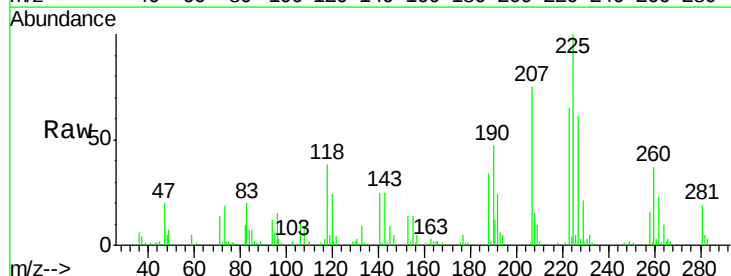
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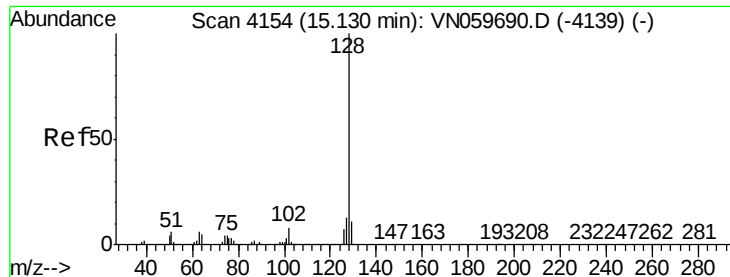
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#94
Hexachlorobutadiene
Concen: 21.708 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.8	95.3
227	63.0	32.1	96.5





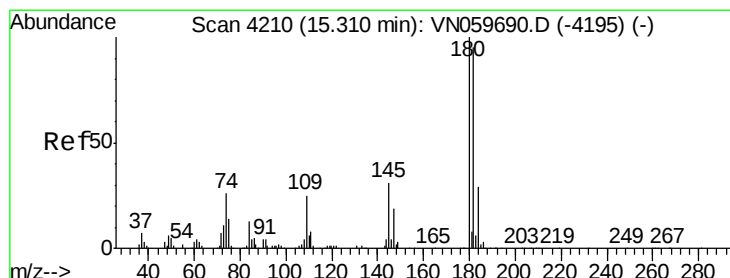
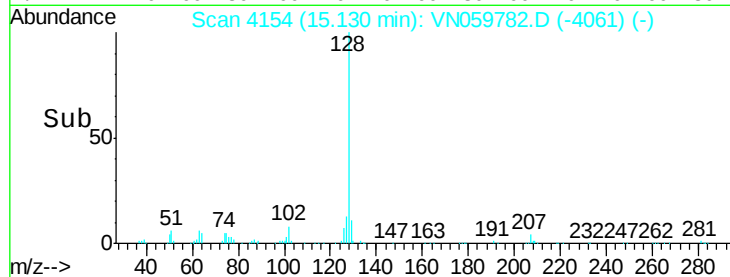
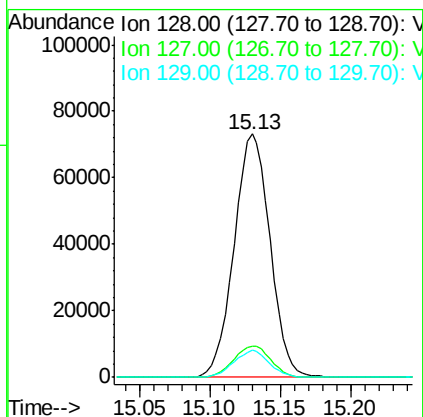
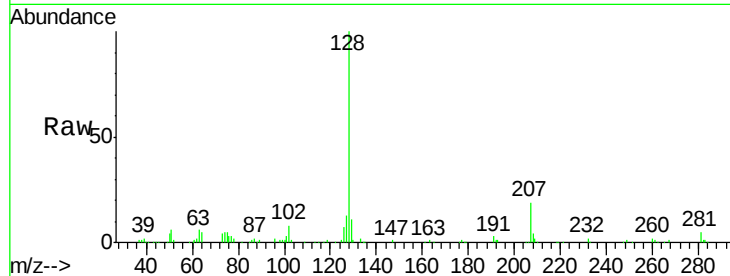
#95
Naphthalene
Concen: 19.780 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 20.769 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059782.D
Acq: 20 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.4	142.3
145	31.8	16.3	48.9

