

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062106.D
 Acq On : 25 Jun 2020 13:16
 Operator : JC/MD
 Sample : L3020-18MS
 Misc : 5.10µL/5.00mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:01:04 PM

Quant Time: Jun 26 05:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	259712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	492621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	540805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	286329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	189757	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	7.54	113	152323	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.06	98	790283	62.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.12%	
62) 4-Bromofluorobenzene	12.37	95	374458	87.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	143604	48.918	ug/l	96
3) Chloromethane	2.03	50	204824	59.520	ug/l	98
4) Vinyl Chloride	2.16	62	226326	48.957	ug/l	100
5) Bromomethane	2.48	94	31889	10.673	ug/l	99
6) Chloroethane	2.61	64	24195	7.661	ug/l	99
7) Trichlorofluoromethane	2.92	101	317432	55.725	ug/l	99
8) Diethyl Ether	3.36	74	110574	55.590	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.68	101	140139	46.979	ug/l	99
10) Methyl Iodide	3.88	142	147248	43.830	ug/l	98
11) Tert butyl alcohol	4.81	59	145200m	277.476	ug/l	
12) 1,1-Dichloroethene	3.66	96	154733	51.887	ug/l	99
13) Acrolein	3.56	56	115411	225.267	ug/l	97
14) Allyl chloride	4.25	41	212779	52.407	ug/l	99
15) Acrylonitrile	4.93	53	383660	269.050	ug/l	98
16) Acetone	3.78	43	309003	270.439	ug/l	97
17) Carbon Disulfide	3.98	76	450333	52.719	ug/l	100
18) Methyl Acetate	4.27	43	167516	57.819	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	519965	54.566	ug/l #	84
20) Methylene Chloride	4.49	84	184200	55.077	ug/l	97
21) trans-1,2-Dichloroethene	4.97	96	167853	49.409	ug/l	94
22) Diisopropyl ether	5.90	45	497948	53.864	ug/l	98
23) Vinyl Acetate	5.83	43	2069790	274.231	ug/l	99
24) 1,1-Dichloroethane	5.78	63	302132	50.754	ug/l	100
25) 2-Butanone	6.79	43	456809	256.426	ug/l	98
26) 2,2-Dichloropropane	6.76	77	151081	30.456	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	191280	50.037	ug/l	96
28) Bromochloromethane	7.14	49	128036	49.572	ug/l	94
29) Tetrahydrofuran	7.17	42	312364	267.679	ug/l	99
30) Chloroform	7.32	83	316123	52.194	ug/l	98
31) Cyclohexane	7.60	56	449607	89.289	ug/l	91
32) 1,1,1-Trichloroethane	7.52	97	248538	48.659	ug/l	99
36) 1,1-Dichloropropene	7.74	75	229725	46.394	ug/l	98
37) Ethyl Acetate	6.88	43	197811	48.245	ug/l	99
38) Carbon Tetrachloride	7.72	117	206682	44.274	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	1455106	268.204	ug/l	97
40) Benzene	8.00	78	702863	46.571	ug/l	98
41) Methacrylonitrile	7.12	41	71363	37.542	ug/l #	63
42) 1,2-Dichloroethane	8.08	62	236827	46.445	ug/l	82
43) Isopropyl Acetate	8.13	43	519640	77.745	ug/l #	85
44) Trichloroethene	8.80	130	173491	45.571	ug/l	99
45) 1,2-Dichloropropane	9.08	63	196529	52.783	ug/l	99
46) Dibromomethane	9.17	93	120747	47.831	ug/l	98
47) Bromodichloromethane	9.37	83	310257	60.868	ug/l	95
48) Methyl methacrylate	9.17	41	157288	52.484	ug/l	91
49) 1,4-Dioxane	9.17	88	62493	940.311	ug/l #	78
51) 4-Methyl-2-Pentanone	9.96	43	1308508	335.073	ug/l	94
52) Toluene	10.12	92	498103	54.091	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	290599	51.820	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	291460	48.818	ug/l #	88
55) 1,1,2-Trichloroethane	10.50	97	754785	208.516	ug/l #	22
56) Ethyl methacrylate	10.40	69	342793	70.961	ug/l #	68
57) 1,3-Dichloropropane	10.68	76	331791	53.252	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	580654	280.239	ug/l	99
59) 2-Hexanone	10.72	43	709706	251.678	ug/l	89
60) Dibromochloromethane	10.87	129	198903	51.901	ug/l	98
61) 1,2-Dibromoethane	10.98	107	205143	55.155	ug/l #	34
64) Tetrachloroethene	10.60	164	152221	41.205	ug/l	97
65) Chlorobenzene	11.41	112	568757	47.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	193078	47.016	ug/l	100
67) Ethyl Benzene	11.48	91	4414235	220.080	ug/l	90
68) m/p-Xylenes	11.60	106	1550277	199.833	ug/l	99
69) o-Xylene	11.92	106	389037	53.150	ug/l	93
70) Styrene	11.94	104	669218	54.821	ug/l	96
71) Bromoform	12.10	173	139839	47.893	ug/l #	99
73) Isopropylbenzene	12.22	105	2085854	94.109	ug/l	100
74) N-amyl acetate	12.04	43	220902m	28.608	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.48	83	287844	39.026	ug/l #	59
76) 1,2,3-Trichloropropane	12.53	75	292055m	43.329	ug/l	
77) Bromobenzene	12.50	156	395184	71.817	ug/l	54
78) n-propylbenzene	12.56	91	5100826	201.196	ug/l	90
79) 2-Chlorotoluene	12.65	91	1057952	69.026	ug/l	79
80) 1,3,5-Trimethylbenzene	12.71	105	4502841	250.611	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.27	75	88235	38.229	ug/l #	72
82) 4-Chlorotoluene	12.75	91	744562	46.977	ug/l	98
83) tert-Butylbenzene	12.97	119	694149	45.143	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	7594348	423.204	ug/l	67
85) sec-Butylbenzene	13.15	105	1555062	76.535	ug/l	81
86) p-Isopropyltoluene	13.26	119	1160051	65.167	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	437907	45.320	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	439701	44.145	ug/l	96
89) n-Butylbenzene	13.59	91	2623525m	177.270	ug/l	
90) Hexachloroethane	13.86	117	660524	189.122	ug/l #	35
91) 1,2-Dichlorobenzene	13.63	146	444039	47.390	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.24	75	108465	91.799	ug/l	61

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	275356	67.270	ug/l #	44
94) Hexachlorobutadiene	14.98	225	97367	54.767	ug/l	97
95) Naphthalene	15.10	128	4639404	316.770	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	269726	64.444	ug/l #	85

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:168 Resp: 259712

Ion Ratio Lower Upper

168 100

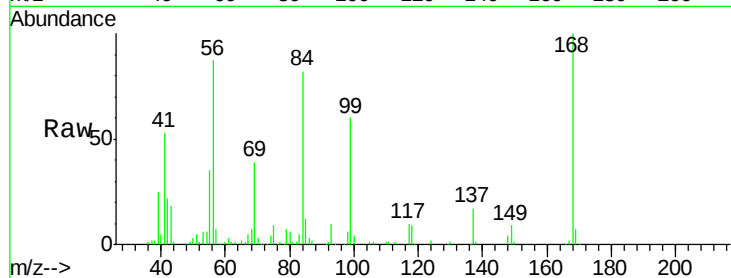
99 59.1 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

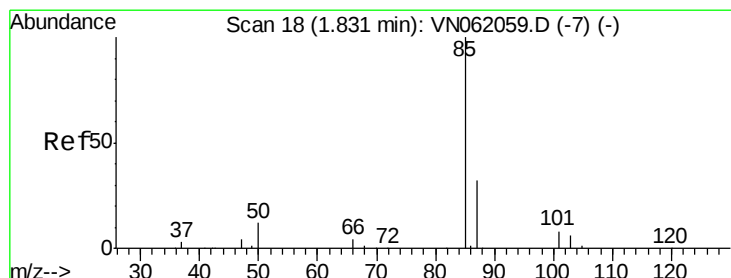
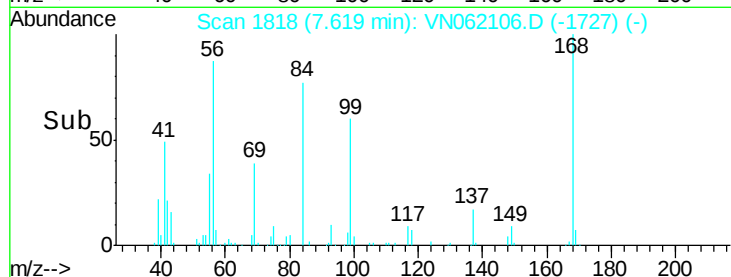
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.918 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN062106.D

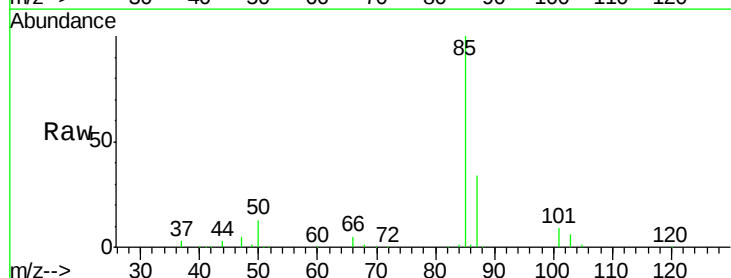
Acq: 25 Jun 2020 13:16

Tgt Ion: 85 Resp: 143604

Ion Ratio Lower Upper

85 100

87 33.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

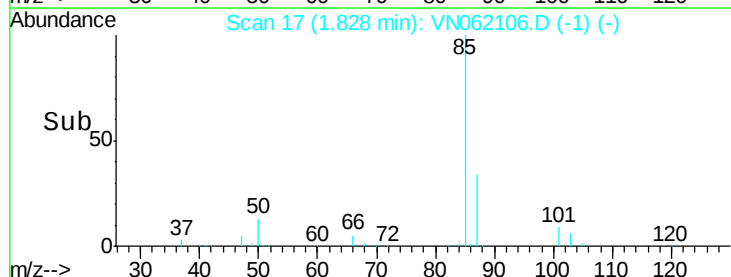
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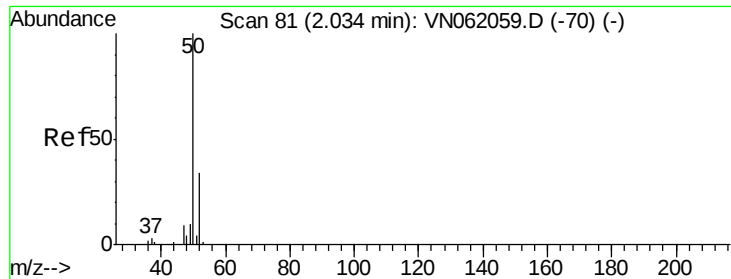
40000

20000

0

Time-->





#3

Chloromethane

Concen: 59.520 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion: 50 Resp: 204824

Ion Ratio Lower Upper

50 100

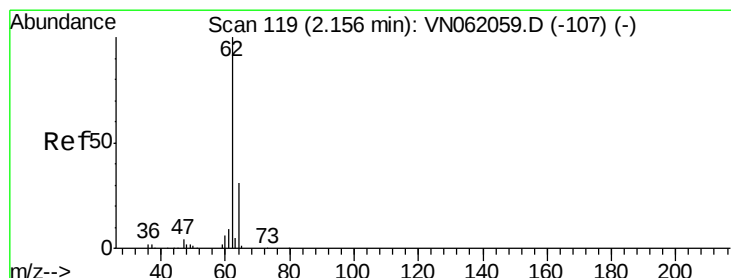
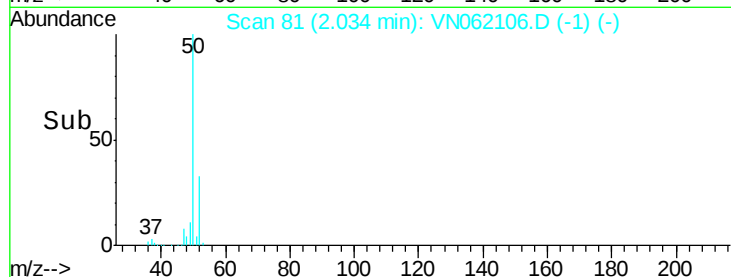
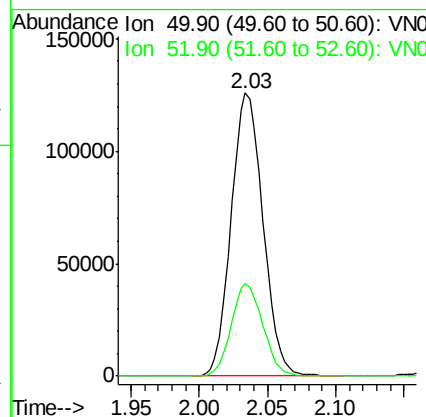
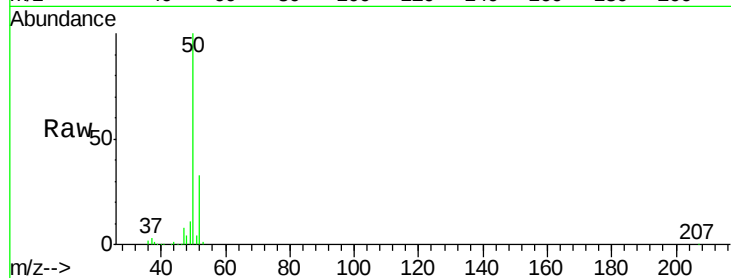
52 32.6 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.957 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.01 min

Lab File: VN062106.D

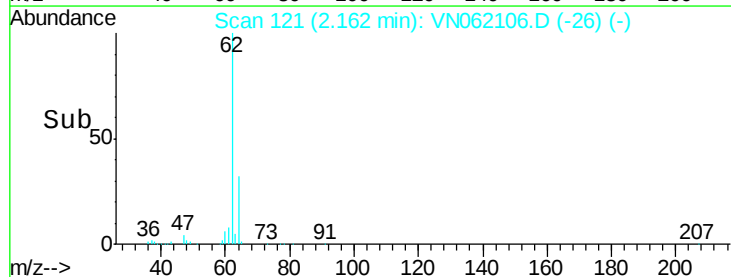
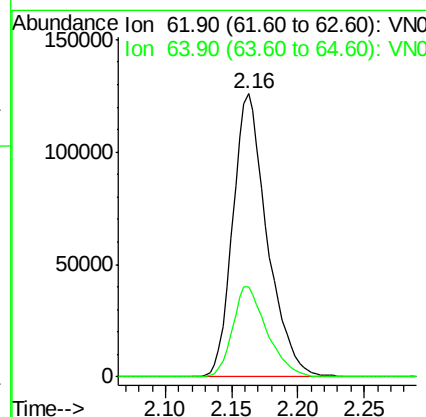
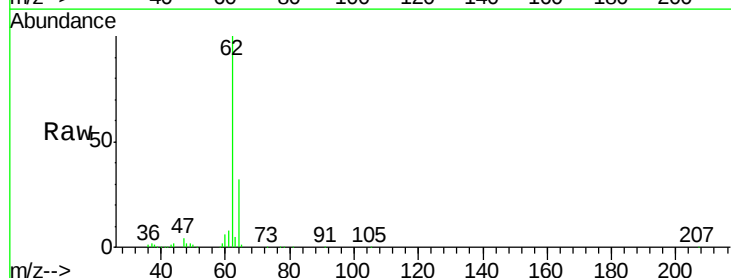
Acq: 25 Jun 2020 13:16

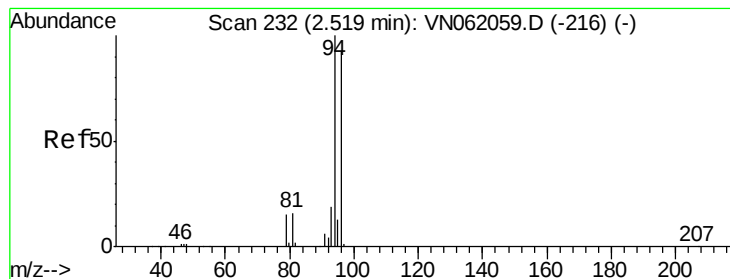
Tgt Ion: 62 Resp: 226326

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 10.673 ug/l

RT: 2.48 min Scan# 221

Delta R.T. -0.04 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

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Tot Ion: 94 Resp: 31889

Ion Ratio Lower Upper

94 100

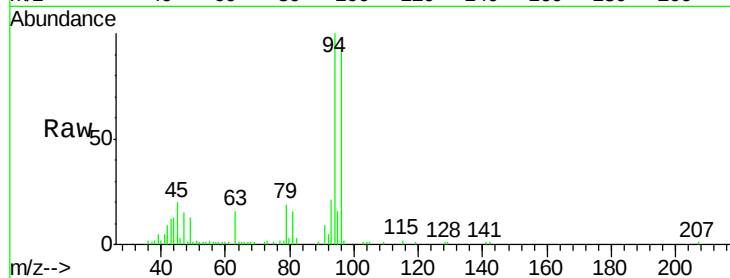
96 93.0 73.4 110.2

Manual Integrations

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6/26/2020 7:01:04 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

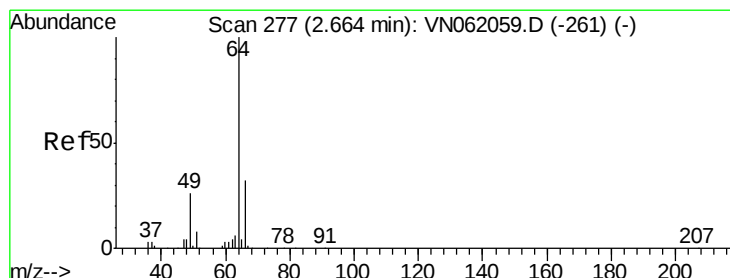
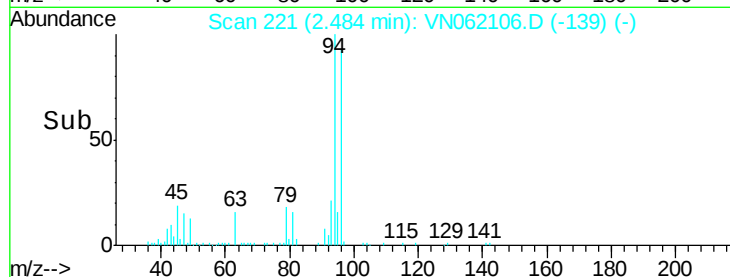
15000

10000

5000

0

Time--> 2.40 2.45 2.50 2.55



#6

Chloroethane

Concen: 7.661 ug/l

RT: 2.61 min Scan# 261

Delta R.T. -0.05 min

Lab File: VN062106.D

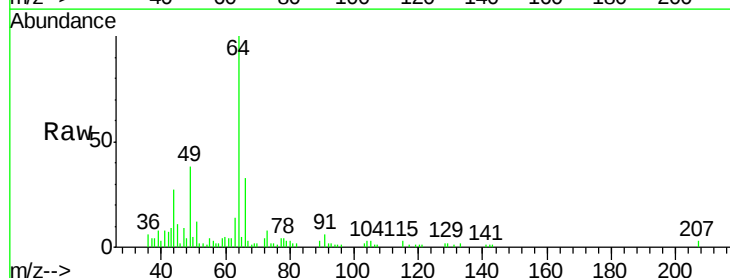
Acq: 25 Jun 2020 13:16

Tgt Ion: 64 Resp: 24195

Ion Ratio Lower Upper

64 100

66 32.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

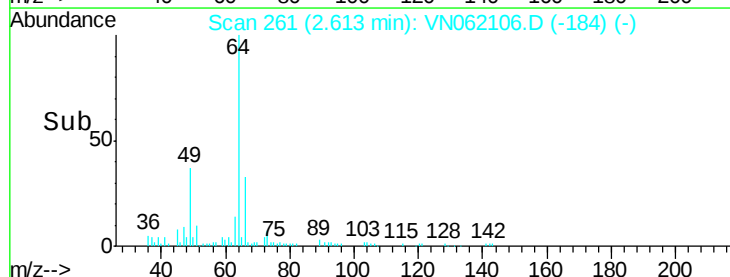
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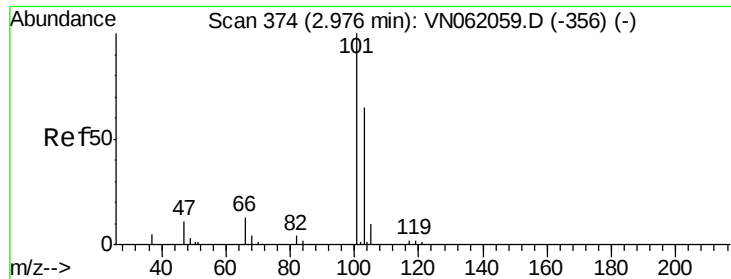
10000

5000

0

Time--> 2.60 2.65 2.70





#7

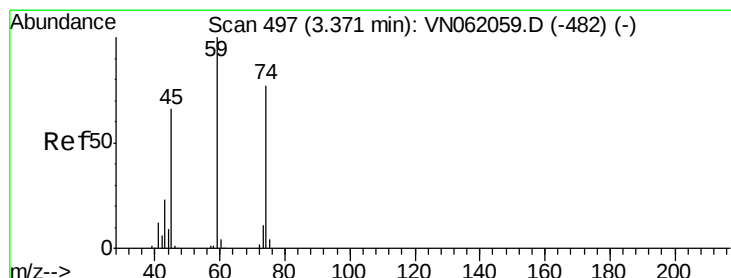
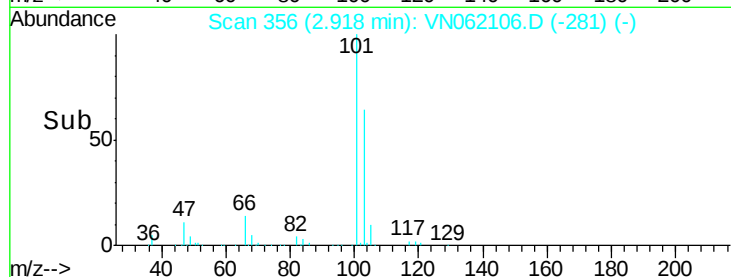
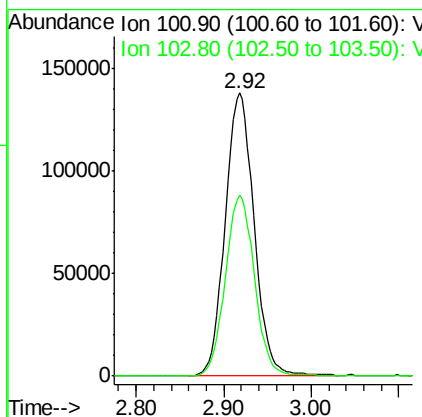
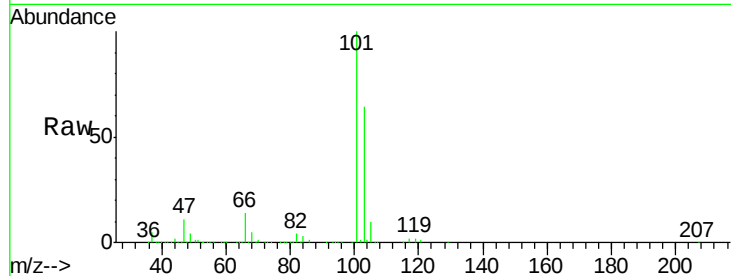
Trichlorofluoromethane
Concen: 55.725 ug/l
RT: 2.92 min Scan# 356
Delta R.T. -0.06 min
Lab File: VN062106.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.8	77.6

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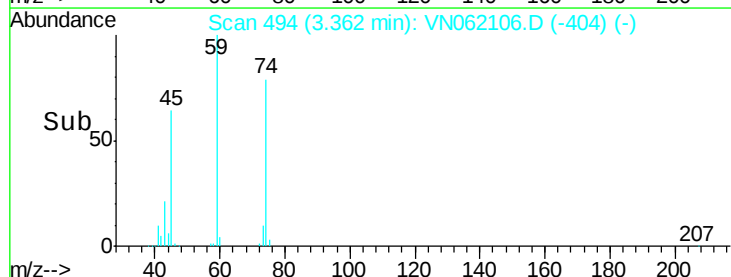
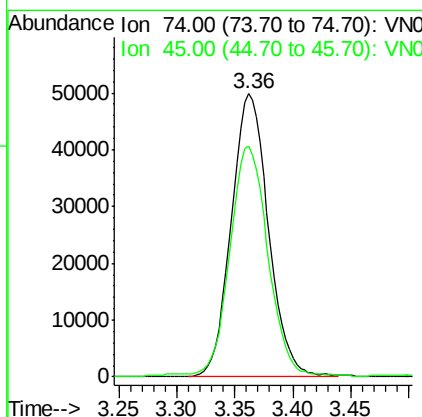
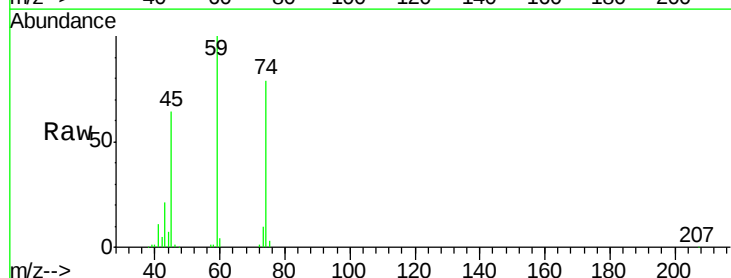
MMDadoda
6/26/2020 7:01:04 PM

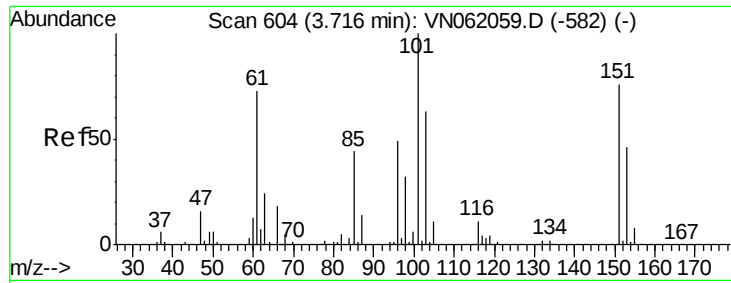


#8

Diethyl Ether
Concen: 55.590 ug/l
RT: 3.36 min Scan# 494
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.3	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.979 ug/l

RT: 3.68 min Scan# 593

Delta R.T. -0.04 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

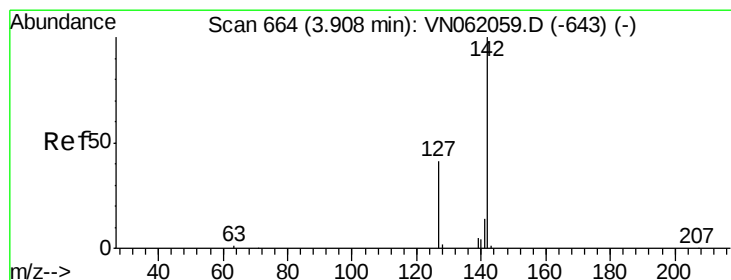
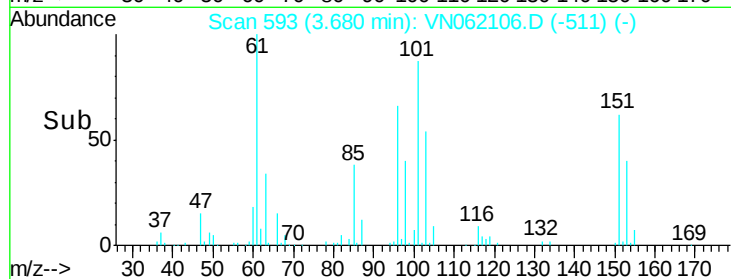
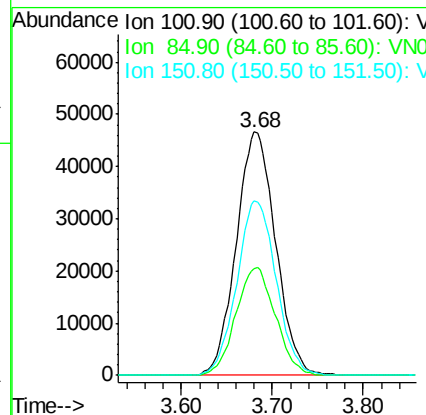
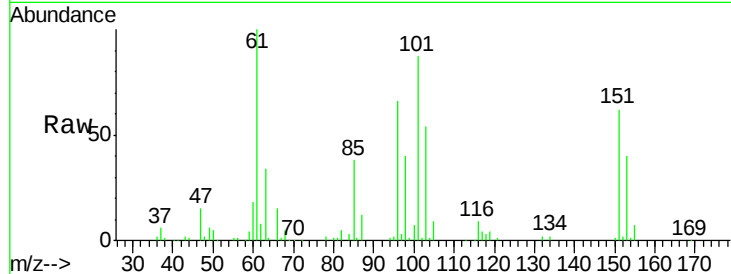
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:	101	Resp:	140139
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.5	51.7
151	71.6	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 43.830 ug/l

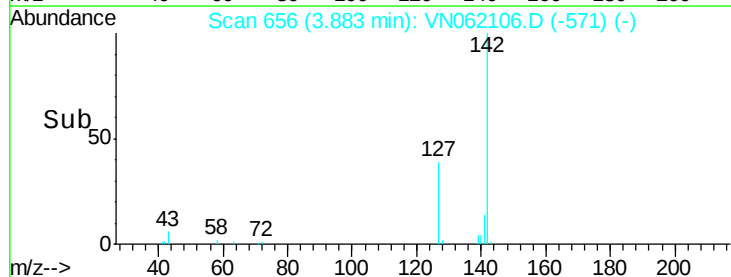
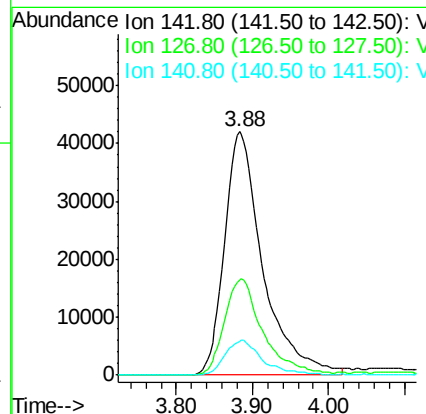
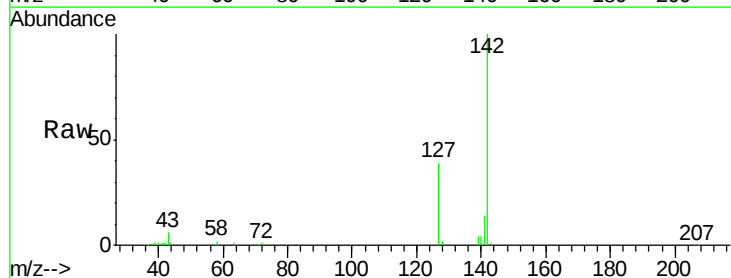
RT: 3.88 min Scan# 656

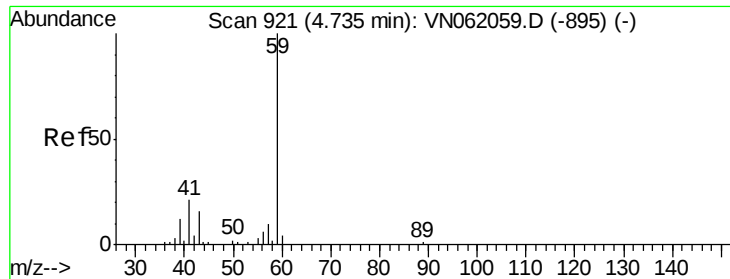
Delta R.T. -0.03 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion:	142	Resp:	147248
Ion Ratio	Lower	Upper	
142	100		
127	39.9	33.6	50.4
141	14.1	11.3	16.9





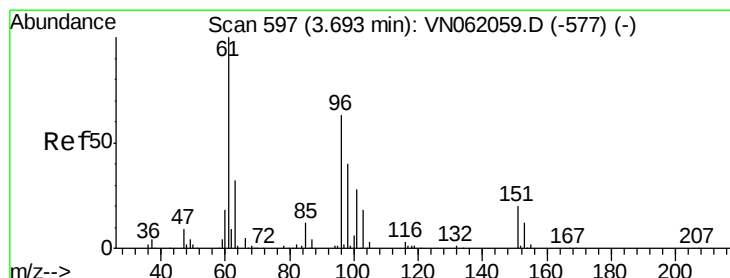
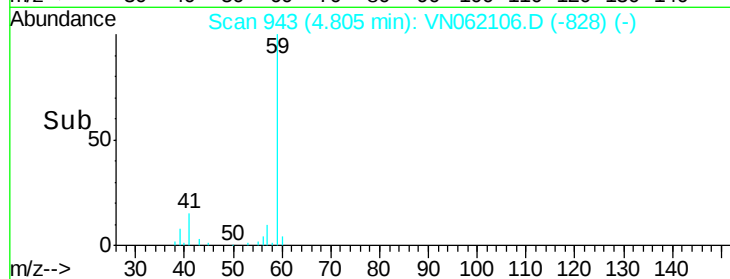
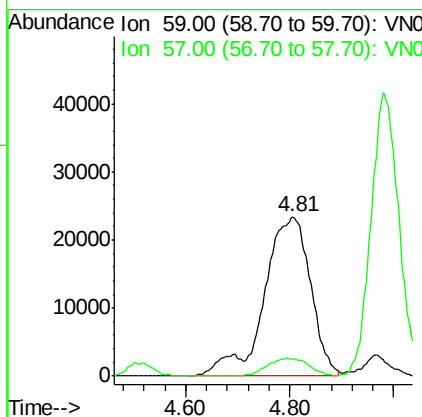
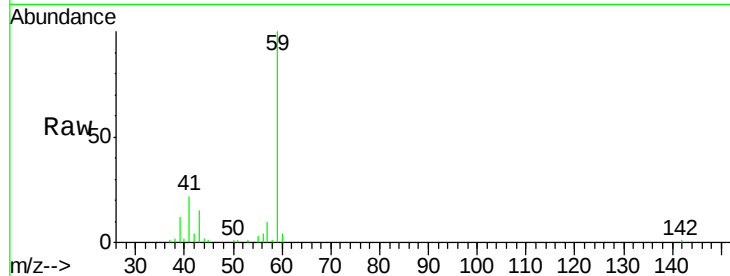
#11
Tert butyl alcohol
Concen: 277.476 ug/l m
RT: 4.81 min Scan# 943
Delta R.T. 0.07 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 59 Resp: 145200
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

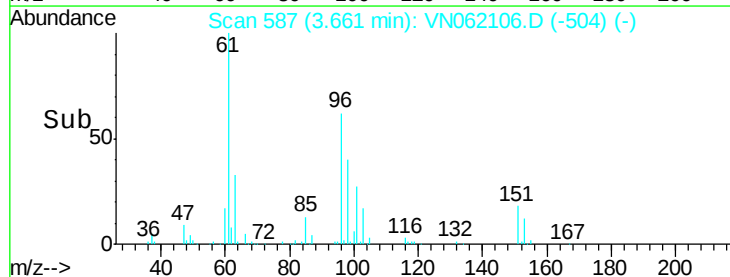
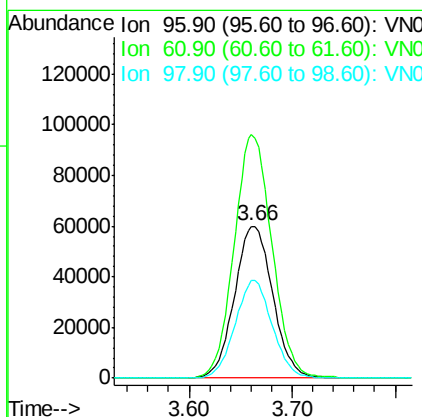
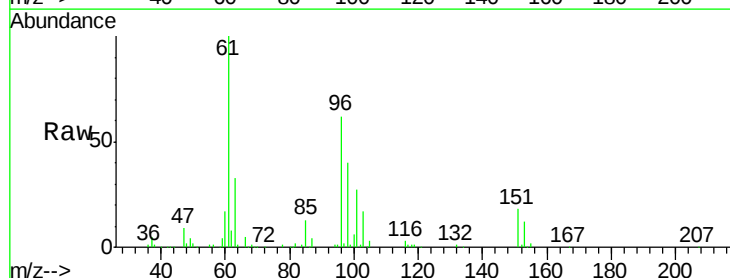
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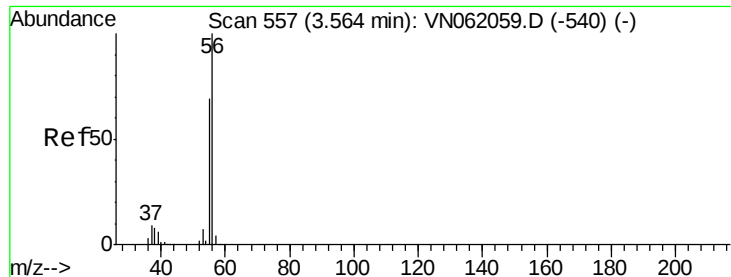
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.887 ug/l
RT: 3.66 min Scan# 587
Delta R.T. -0.03 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 96 Resp: 154733
Ion Ratio Lower Upper
96 100
61 160.3 126.7 190.1
98 64.0 51.0 76.4





#13

Acrolein

Concen: 225.267 ug/l

RT: 3.56 min Scan# 555

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion: 56 Resp: 115411

Ion Ratio Lower Upper

56 100

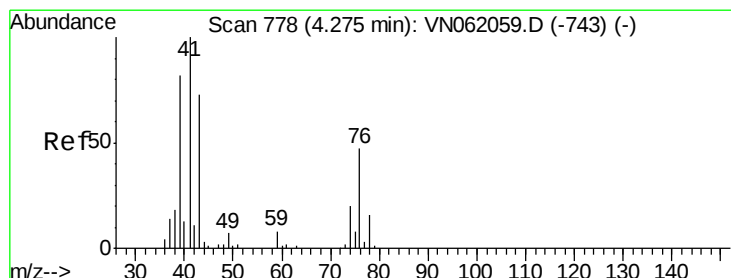
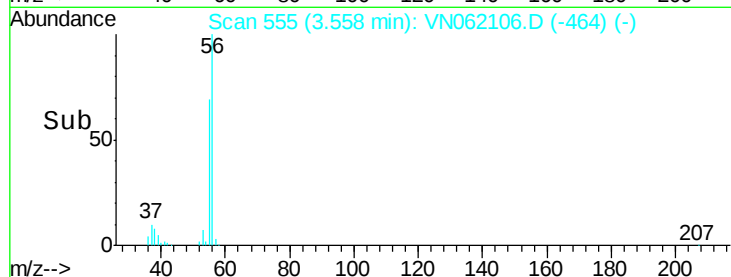
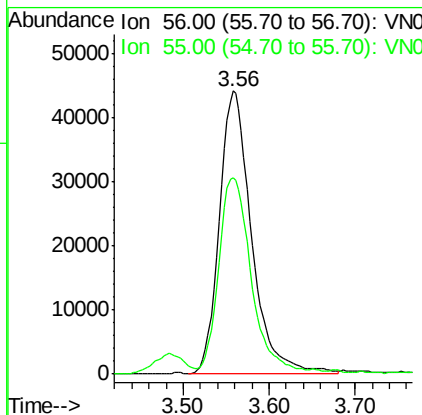
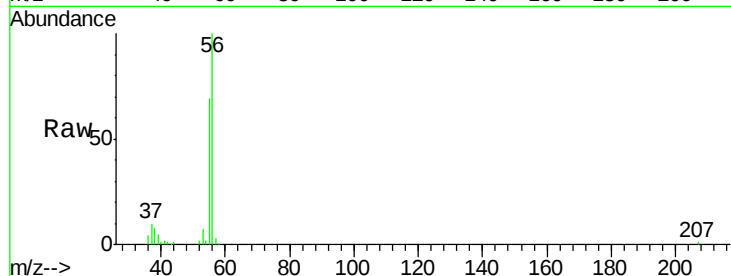
55 66.8 55.5 83.3

Manual Integrations

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6/26/2020 7:01:04 PM



#14

Allyl chloride

Concen: 52.407 ug/l

RT: 4.25 min Scan# 771

Delta R.T. -0.02 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

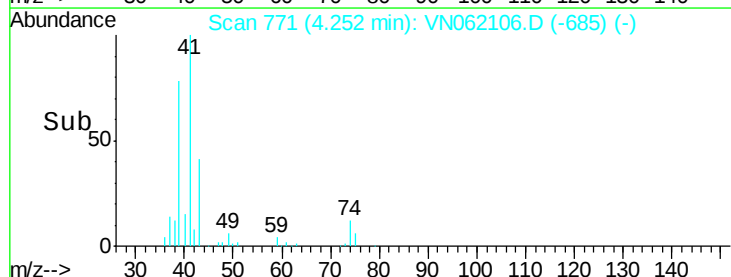
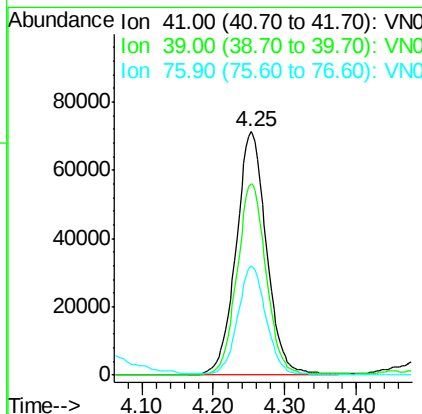
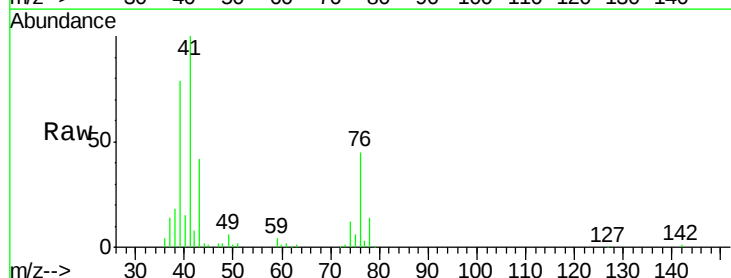
Tgt Ion: 41 Resp: 212779

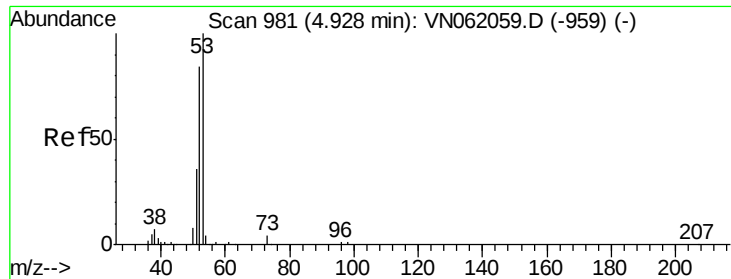
Ion Ratio Lower Upper

41 100

39 75.0 60.0 90.0

76 40.9 34.1 51.1





#15

Acrylonitrile

Concen: 269.050 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

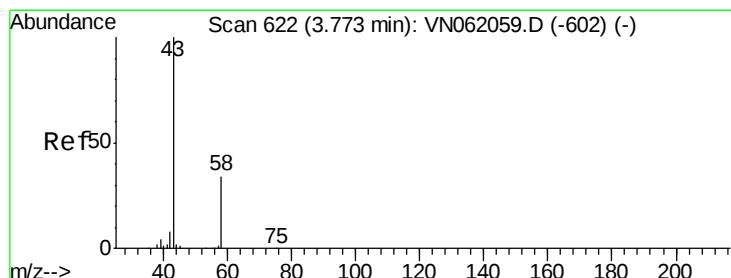
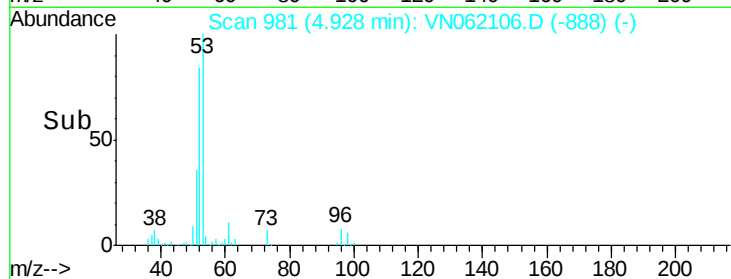
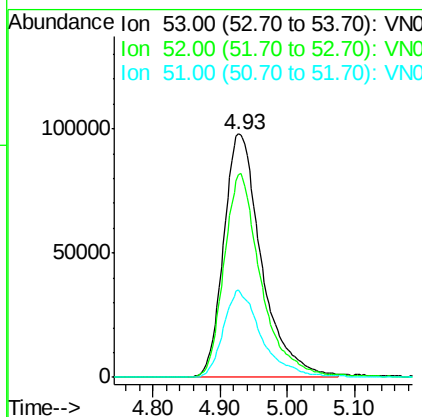
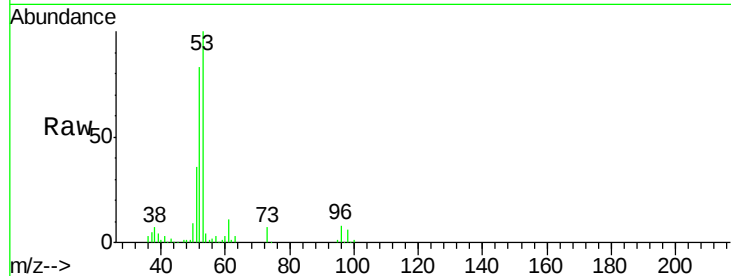
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:	53	Resp:	383660
Ion Ratio	Lower	Upper	
53	100		
52	81.1	66.2	99.4
51	35.6	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 270.439 ug/l

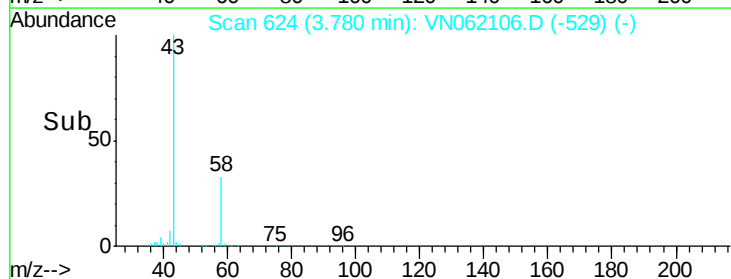
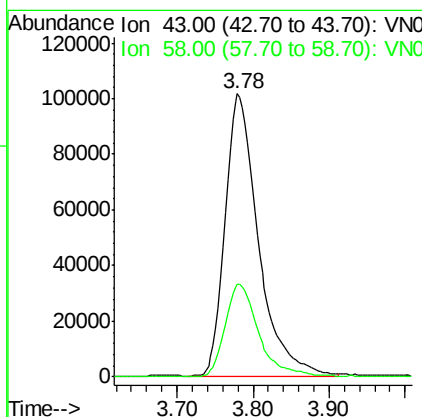
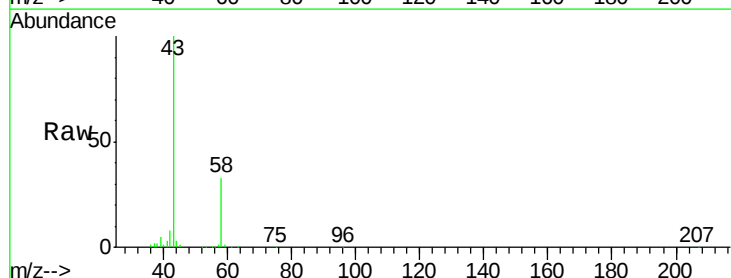
RT: 3.78 min Scan# 624

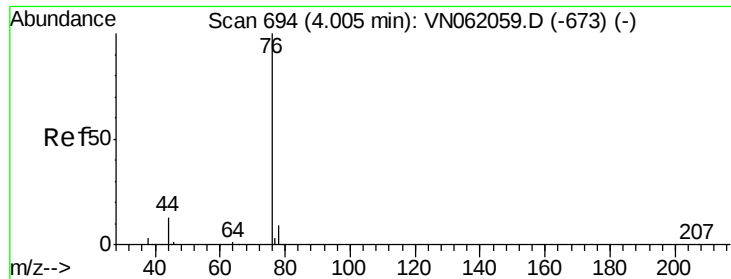
Delta R.T. 0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion:	43	Resp:	309003
Ion Ratio	Lower	Upper	
43	100		
58	32.9	27.5	41.3





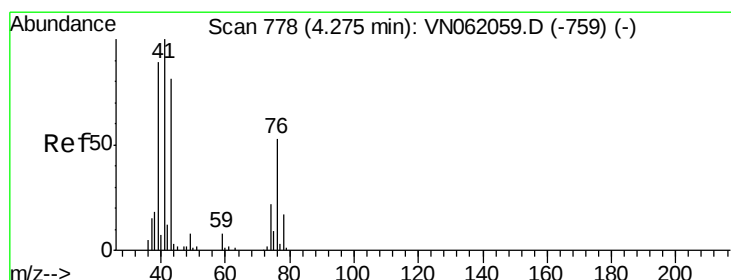
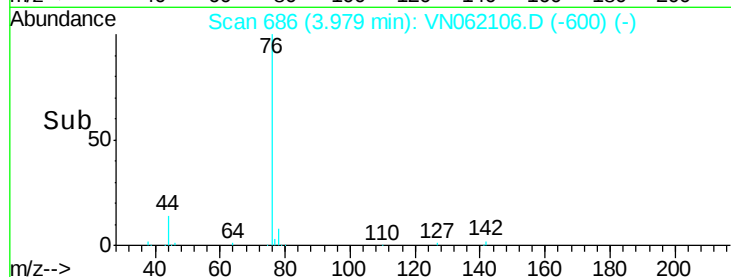
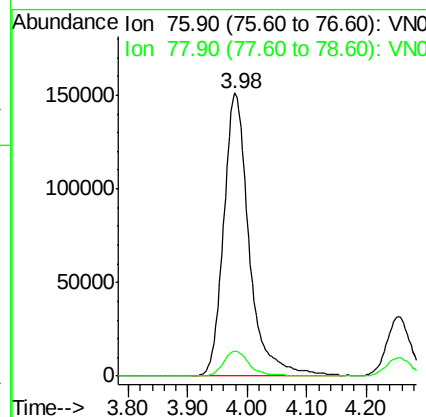
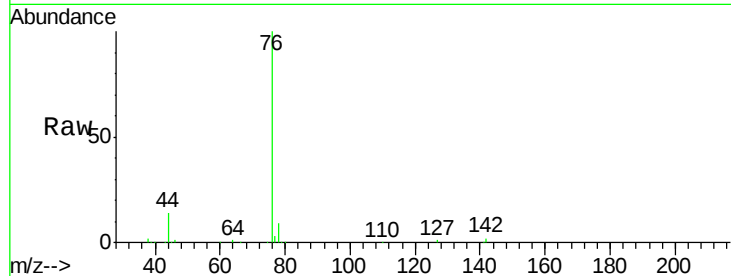
#17
Carbon Disulfide
Concen: 52.719 ug/l
RT: 3.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

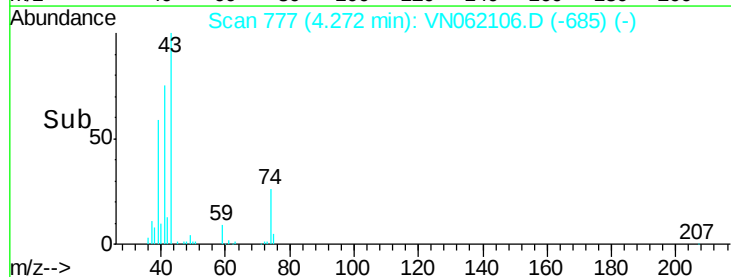
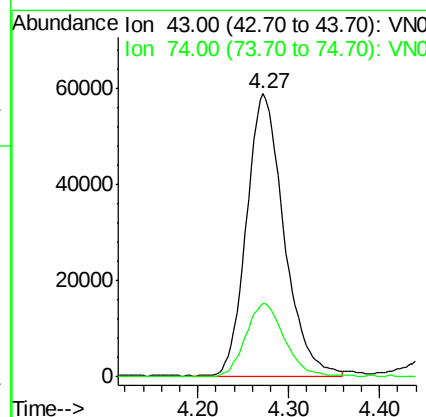
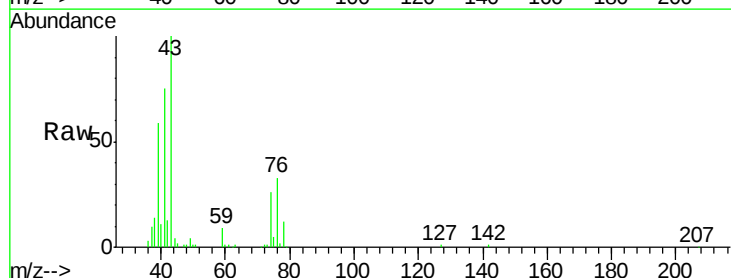
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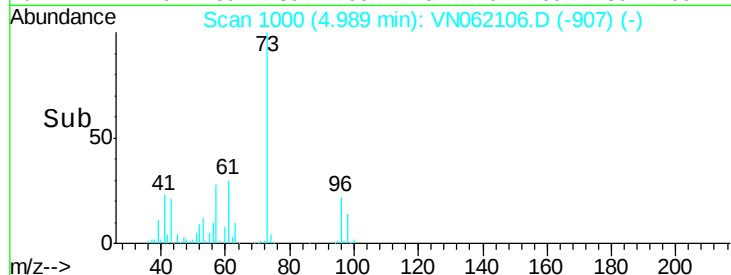
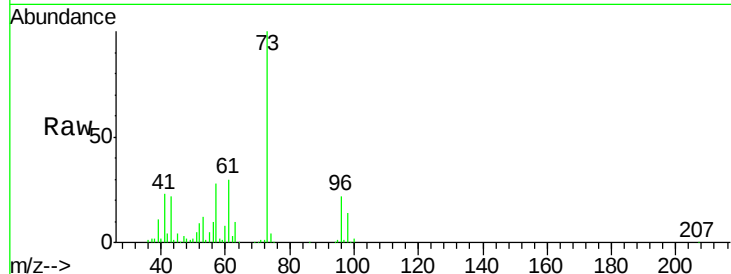
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#18
Methyl Acetate
Concen: 57.819 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	22.9	34.3





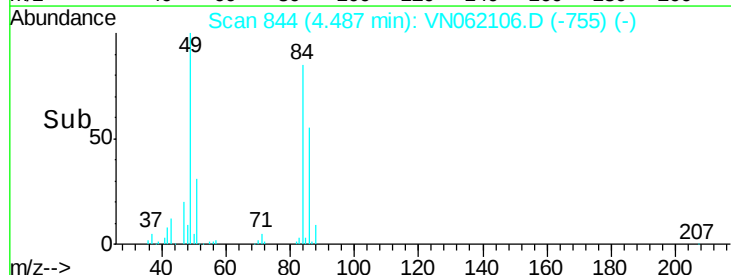
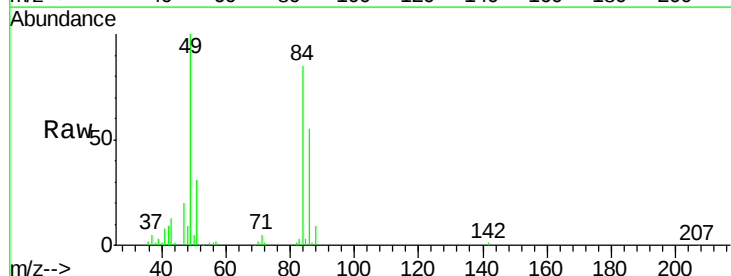
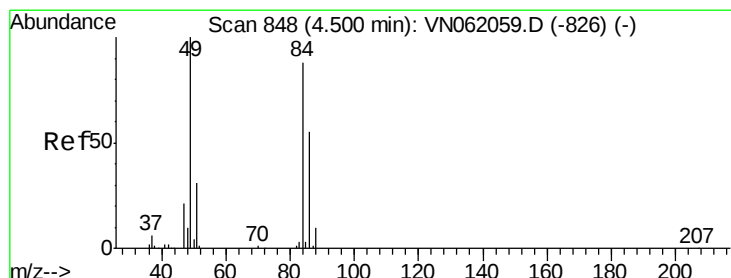
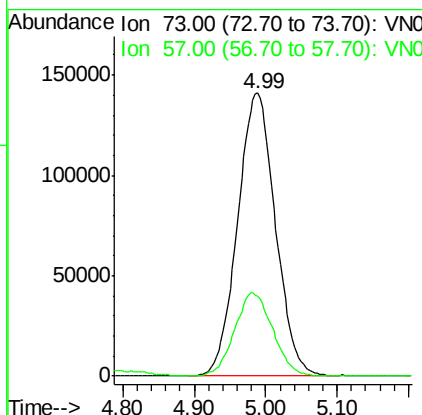
#19
Methvl tert-butvl Ether
Concen: 54.566 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tot Ion: 73 Resp: 519965
Ion Ratio Lower Upper
73 100
57 28.2 16.6 24.8#

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

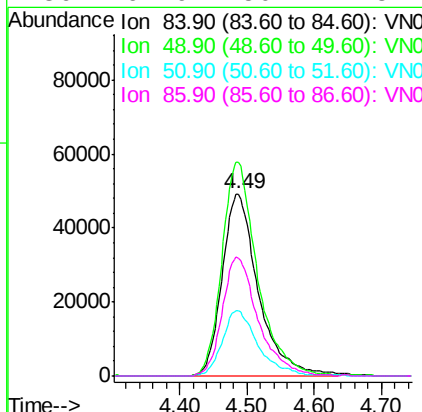
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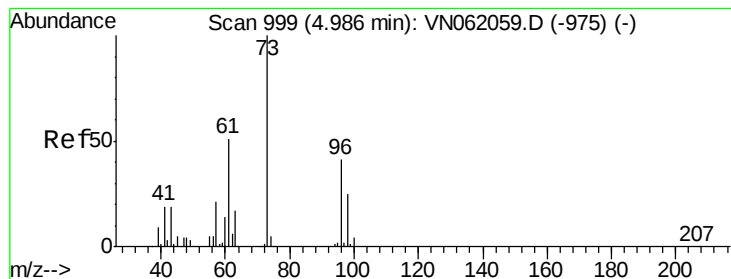
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6/26/2020 7:01:04 PM



#20
Methylene Chloride
Concen: 55.077 ug/l
RT: 4.49 min Scan# 844
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 84 Resp: 184200
Ion Ratio Lower Upper
84 100
49 117.2 90.6 136.0
51 36.1 27.8 41.8
86 64.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 49.409 ug/l

RT: 4.97 min Scan# 993

Delta R.T. -0.02 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

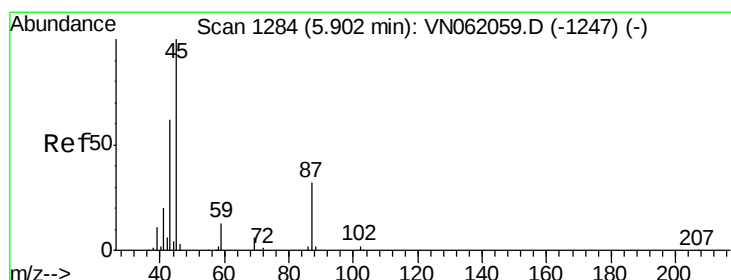
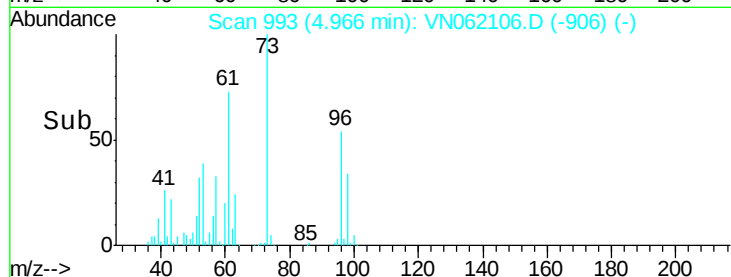
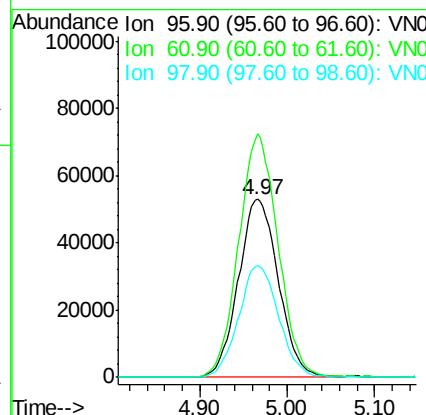
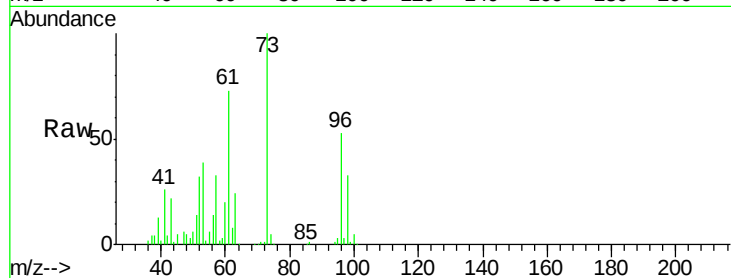
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:	96	Resp:	167853
Ion	Ratio	Lower	Upper
96	100		
61	136.8	101.4	152.2
98	62.6	49.3	73.9

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#22

Diisopropyl ether

Concen: 53.864 ug/l

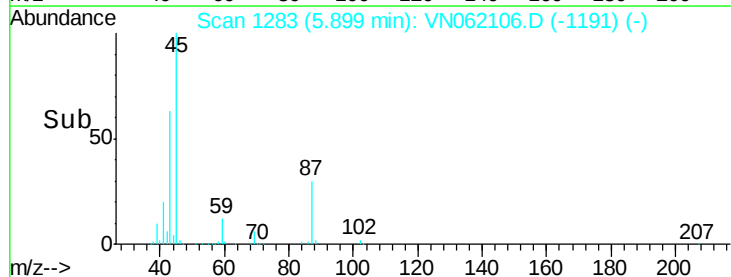
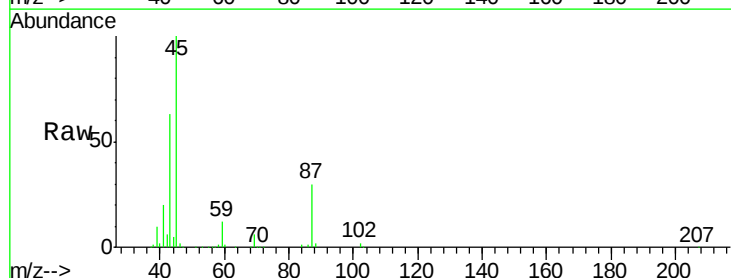
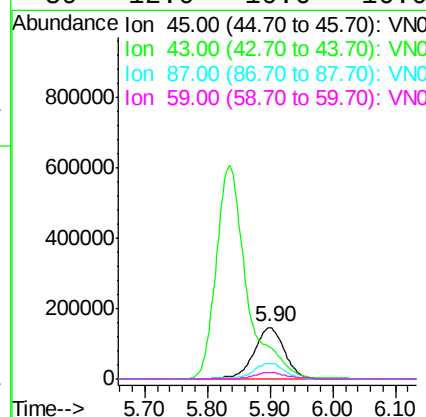
RT: 5.90 min Scan# 1283

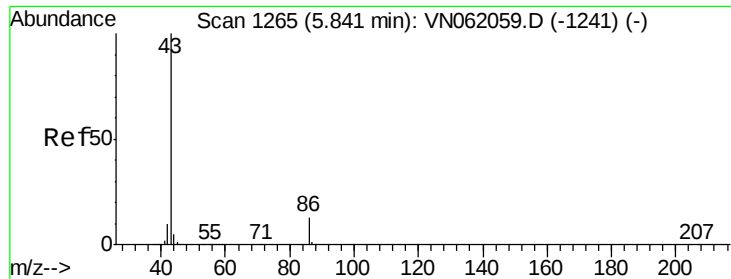
Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion:	45	Resp:	497948
Ion	Ratio	Lower	Upper
45	100		
43	61.9	49.7	74.5
87	30.4	25.9	38.9
59	12.0	10.6	16.0





#23

Vinyl Acetate

Concen: 274.231 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion: 43 Resp: 2069790

Ion Ratio Lower Upper

43 100

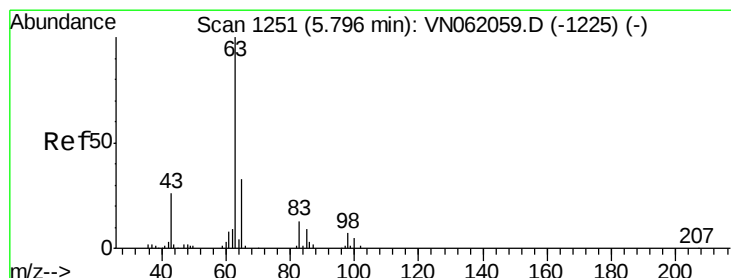
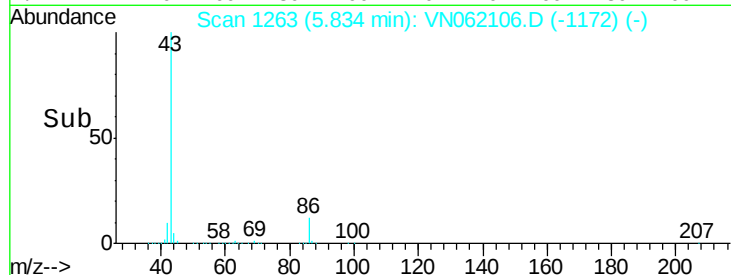
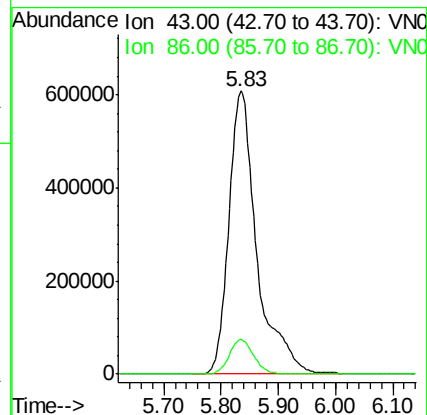
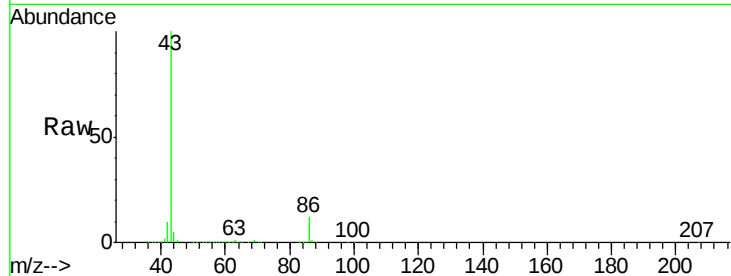
86 12.2 10.1 15.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.754 ug/l

RT: 5.78 min Scan# 1247

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

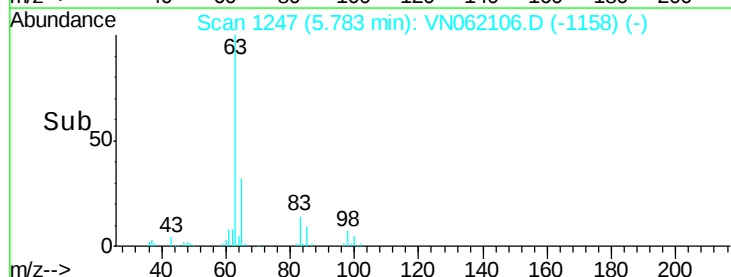
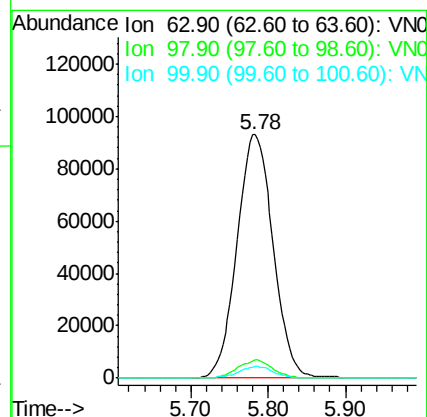
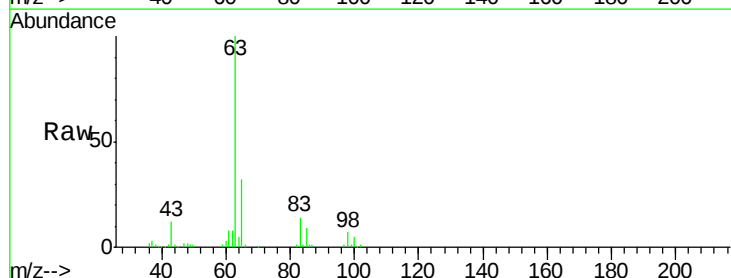
Tgt Ion: 63 Resp: 302132

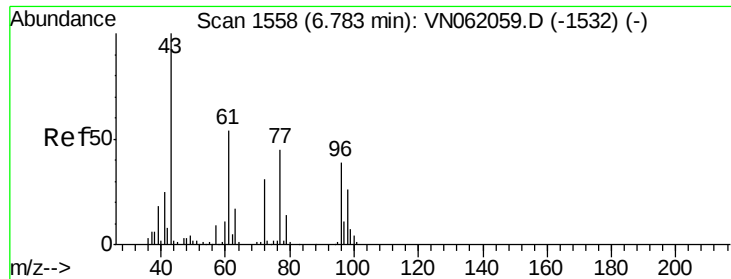
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.7 2.4 7.1





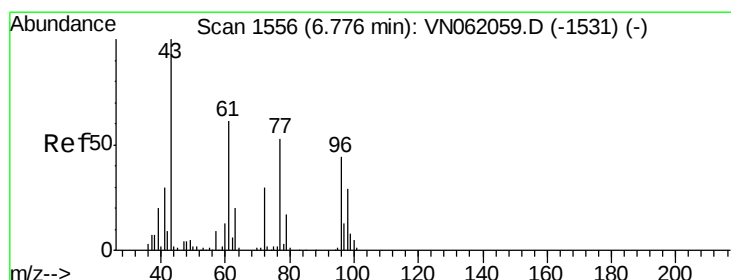
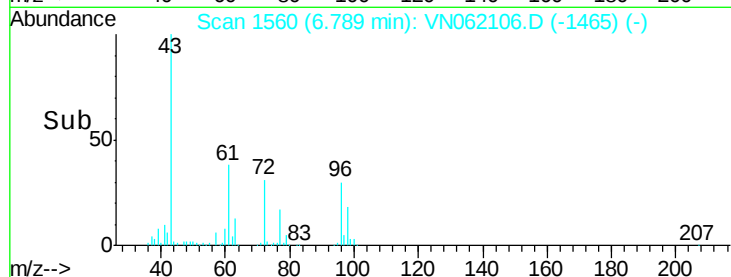
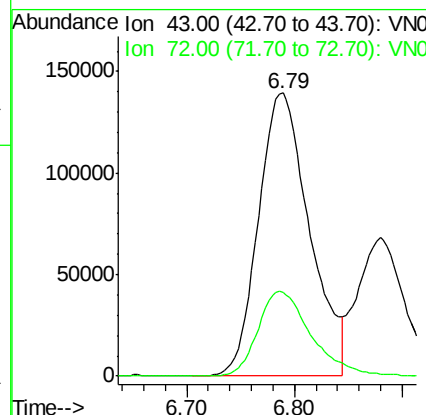
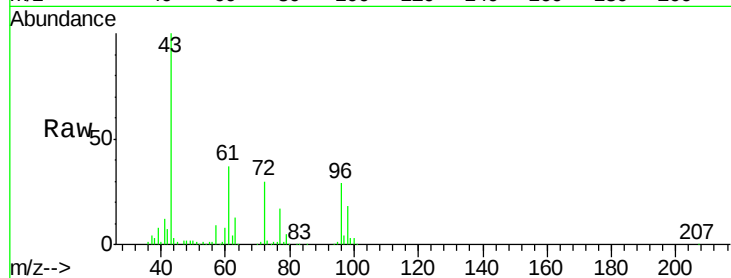
#25
2-Butanone
Concen: 256.426 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 43 Resp: 456809
Ion Ratio Lower Upper
43 100
72 29.8 24.8 37.2

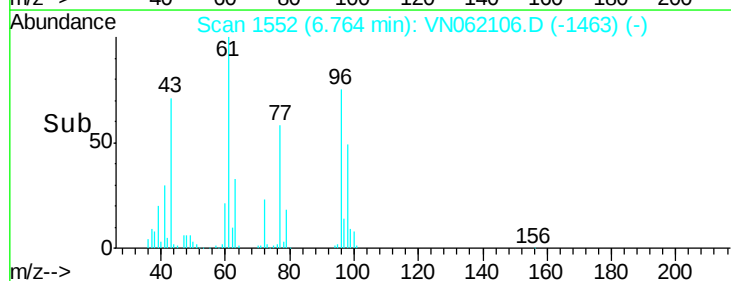
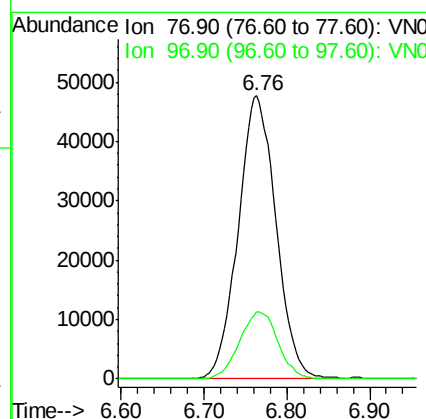
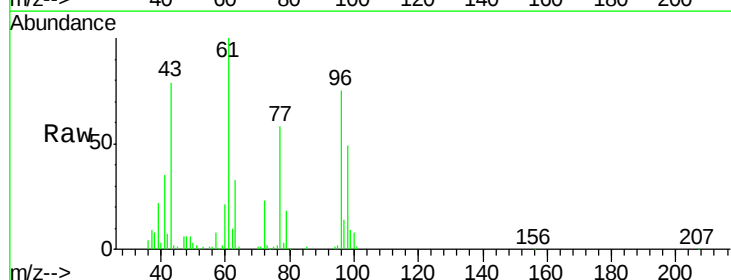
Manual Integrations
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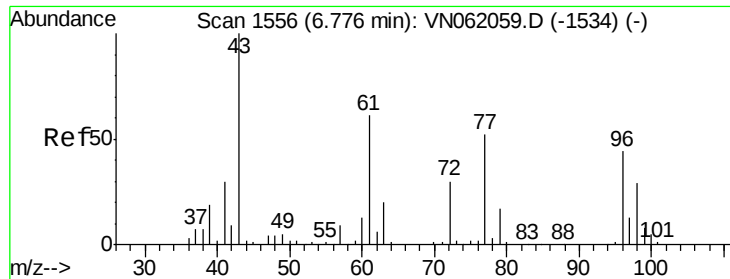
MMDadoda
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#26
2,2-Dichloropropane
Concen: 30.456 ug/l
RT: 6.76 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 77 Resp: 151081
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.3





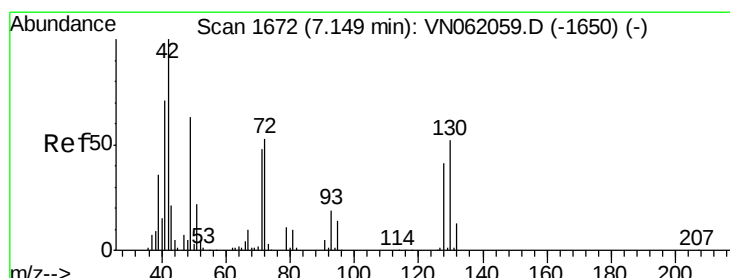
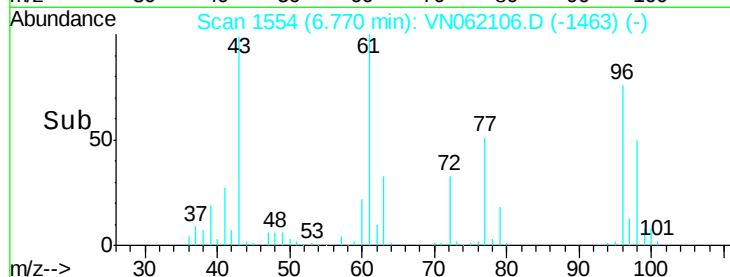
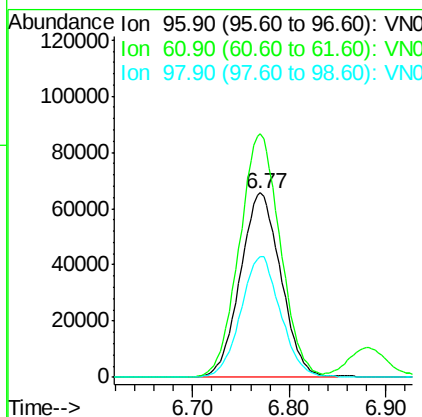
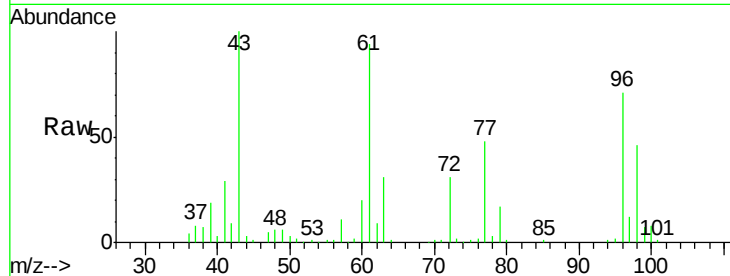
#27
 cis-1,2-Dichloroethene
 Concen: 50.037 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	191280		
61	133.0	0.0	280.4	
98	64.3	0.0	129.4	

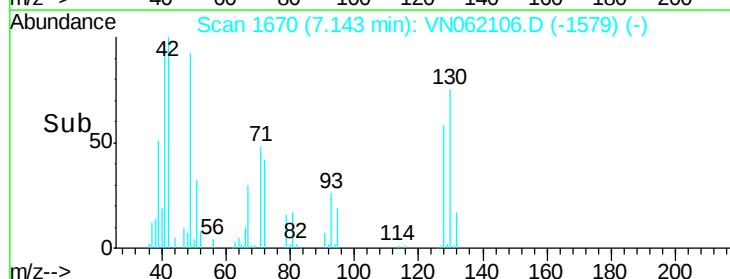
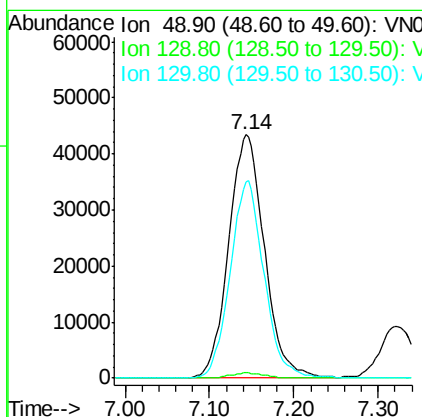
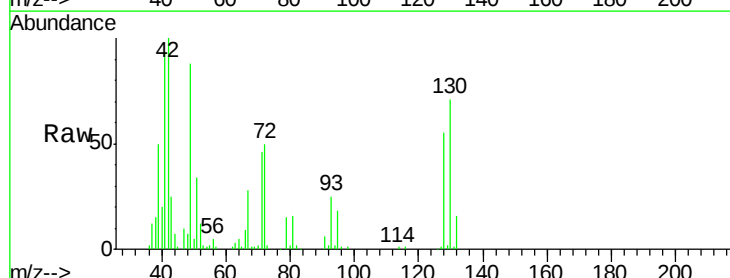
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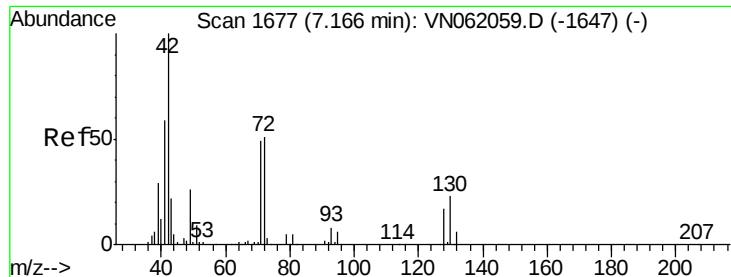
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#28
 Bromochloromethane
 Concen: 49.572 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	128036		
129	1.9	0.0	4.4	
130	76.7	65.5	98.3	





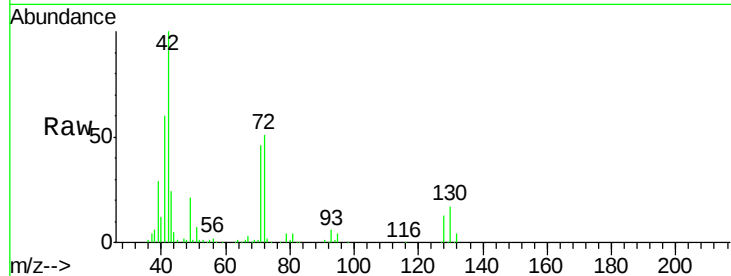
#29
Tetrahydrofuran
Concen: 267.679 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	41.1	61.7
71	46.3	38.2	57.4

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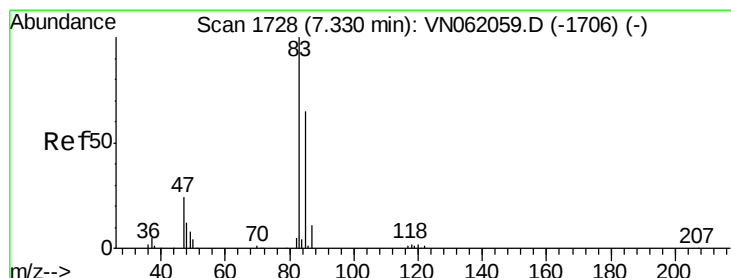
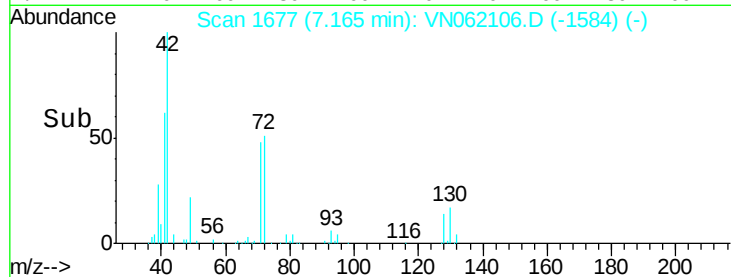
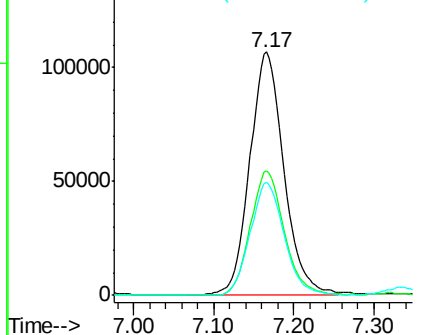
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Abundance Ion 42.00 (41.70 to 42.70): VN062106.D (-1584) (-)

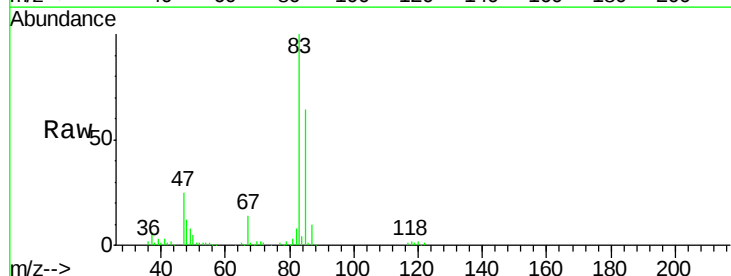
Ion 72.00 (71.70 to 72.70): VN062106.D (-1584) (-)

Ion 71.00 (70.70 to 71.70): VN062106.D (-1584) (-)



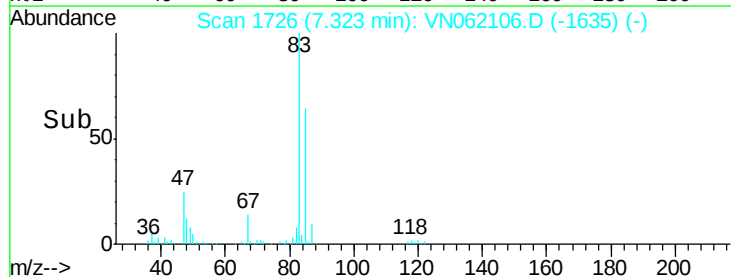
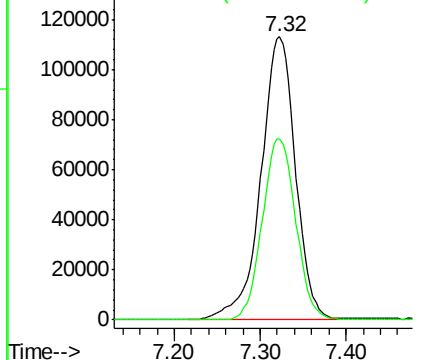
#30
Chloroform
Concen: 52.194 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

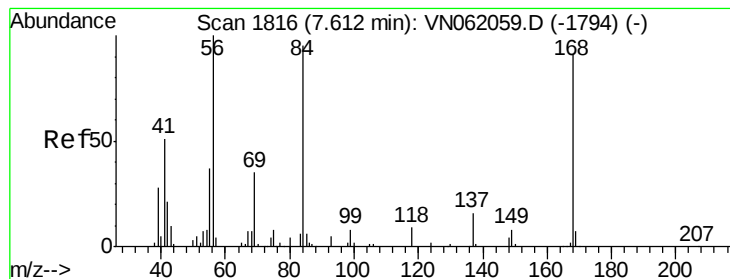
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.3	78.5



Abundance Ion 82.90 (82.60 to 83.60): VN062106.D (-1635) (-)

Ion 84.90 (84.60 to 85.60): VN062106.D (-1635) (-)





#31

Cyclohexane

Concen: 89.289 ug/l

RT: 7.60 min Scan# 1812

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion: 56 Resp: 449607

Ion Ratio Lower Upper

56 100

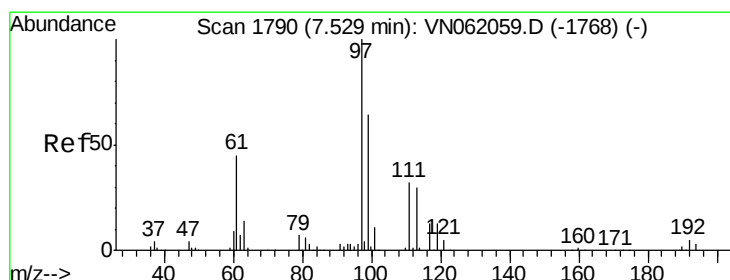
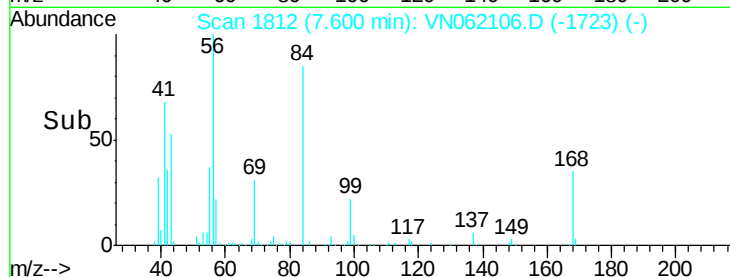
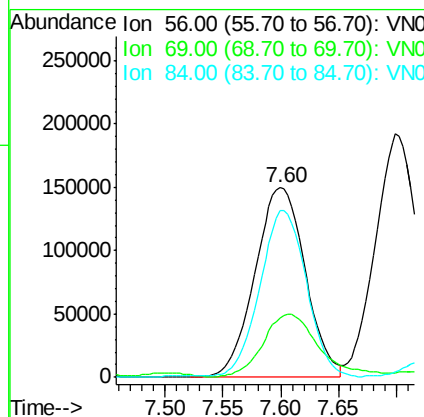
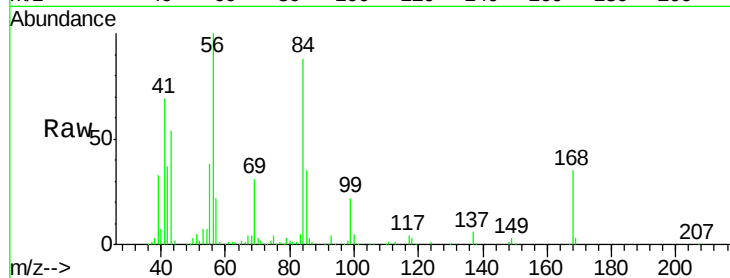
69 29.8 28.0 42.0

84 87.0 76.1 114.1

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#32

1,1,1-Trichloroethane

Concen: 48.659 ug/l

RT: 7.52 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

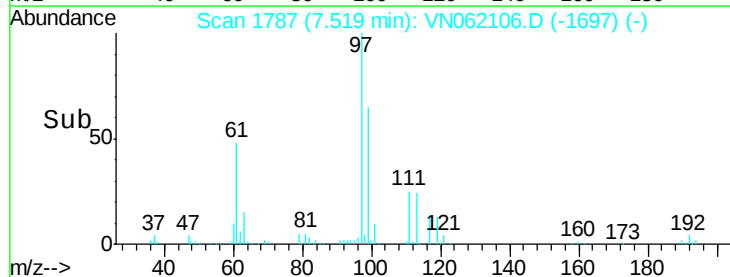
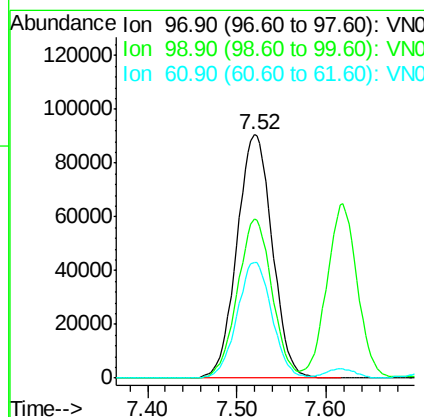
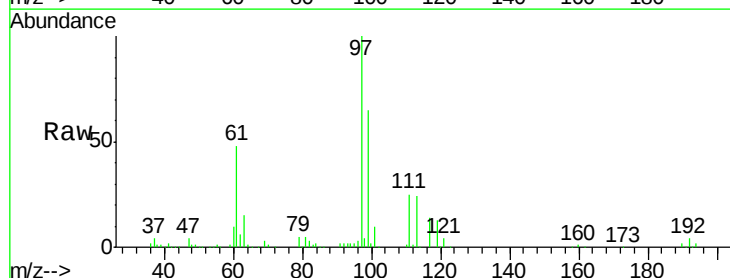
Tgt Ion: 97 Resp: 248538

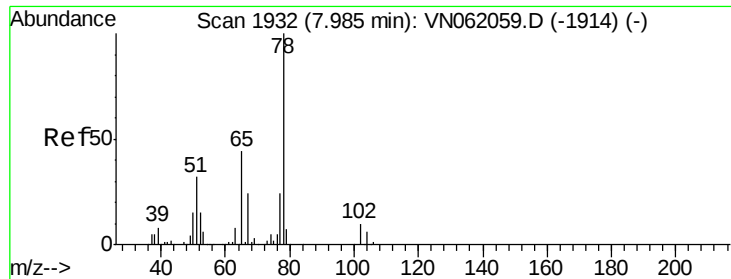
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 46.9 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 52.065 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion: 65 Resp: 189757

Ion Ratio Lower Upper

65 100

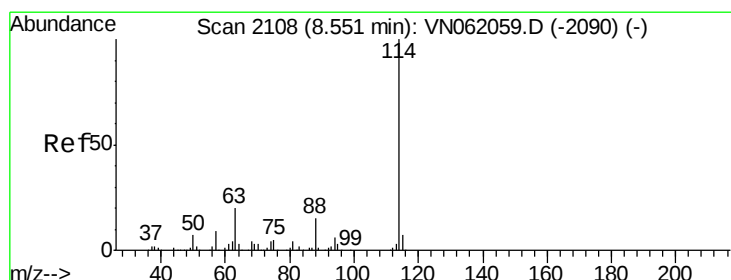
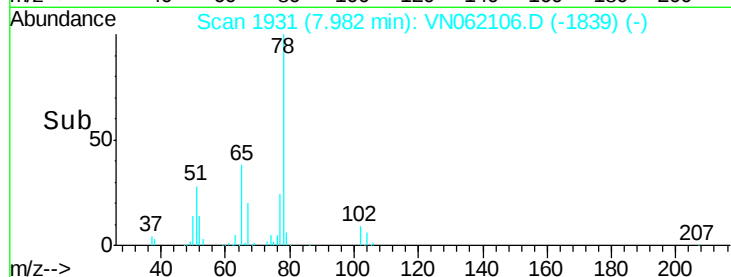
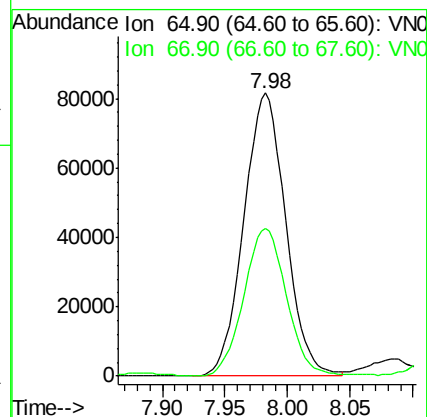
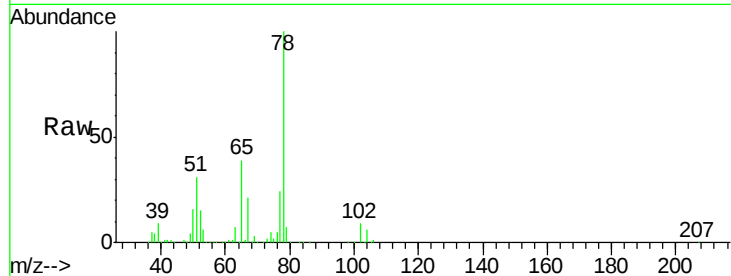
67 52.6 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.54 min Scan# 2106

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

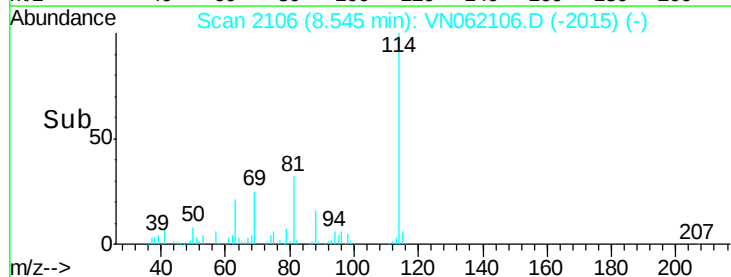
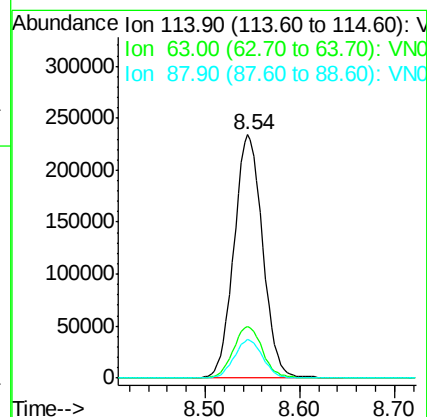
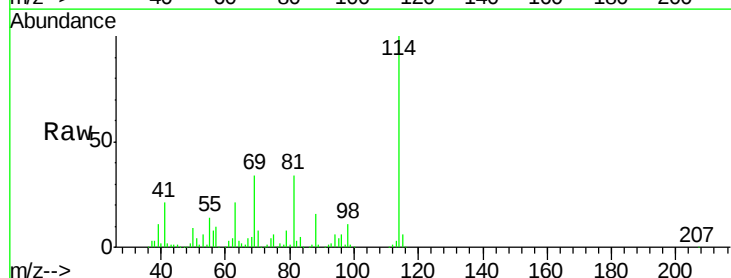
Tgt Ion: 114 Resp: 492621

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.2

88 15.7 0.0 30.8





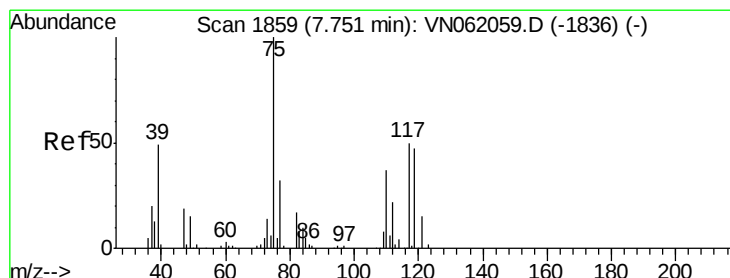
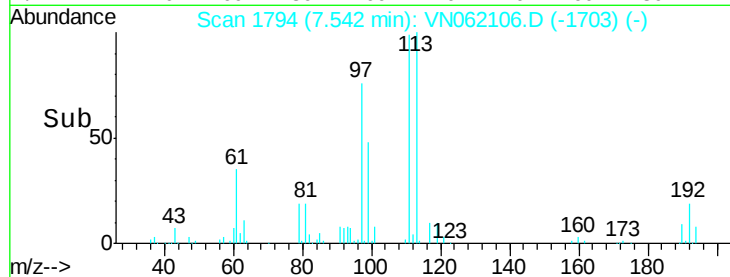
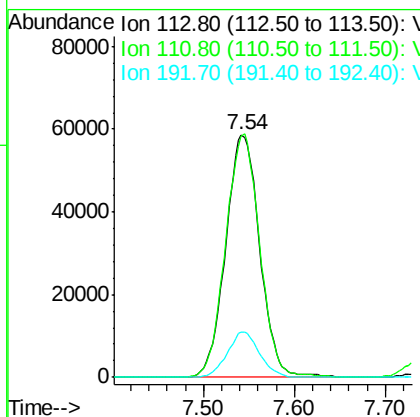
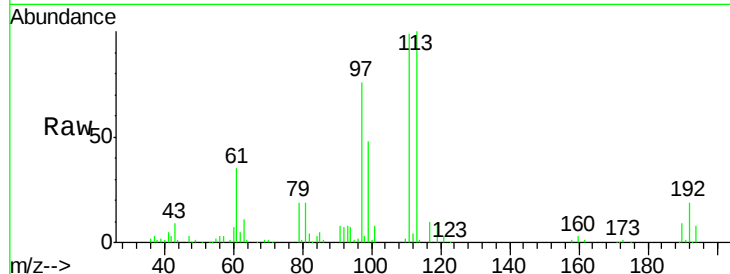
#35
 Dibromofluoromethane
 Concen: 48.197 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152323		
111	100.7	82.2	123.4	
192	17.7	14.0	21.0	

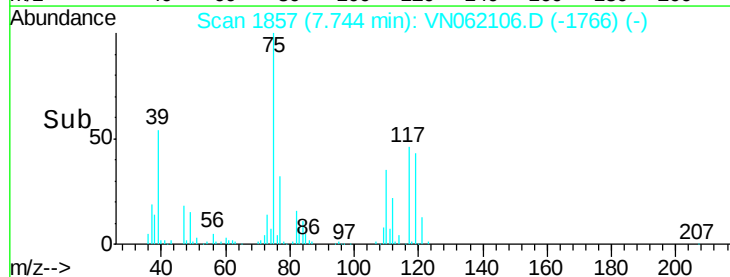
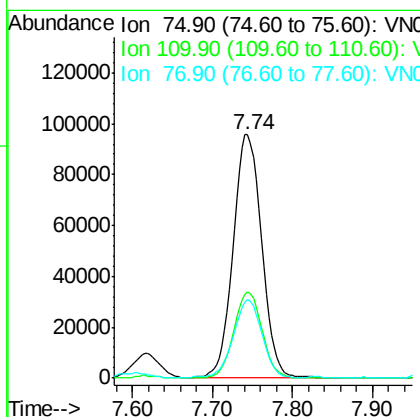
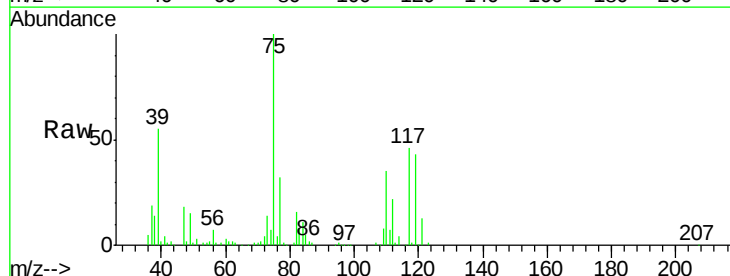
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#36
 1,1-Dichloropropene
 Concen: 46.394 ug/l
 RT: 7.74 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	229725		
110	35.1	17.9	53.8	
77	32.1	24.9	37.3	





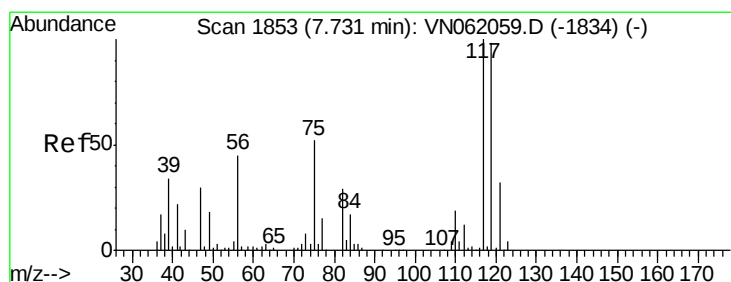
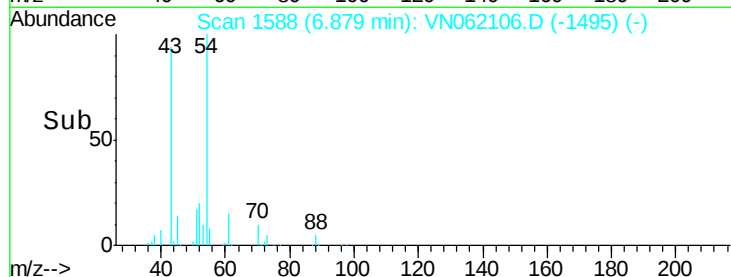
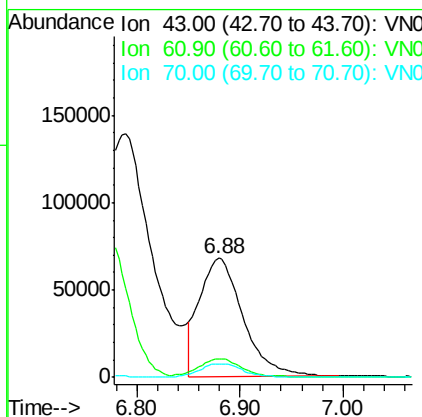
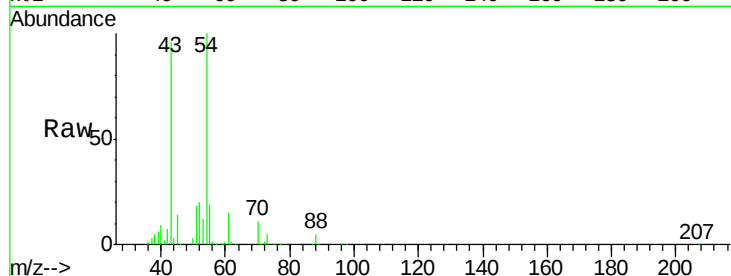
#37
Ethyl Acetate
Concen: 48.245 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.0	18.0
70	11.6	9.6	14.4

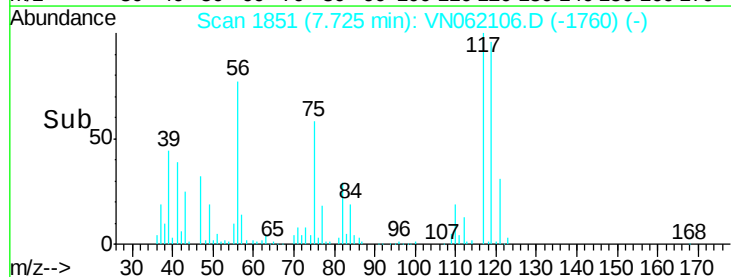
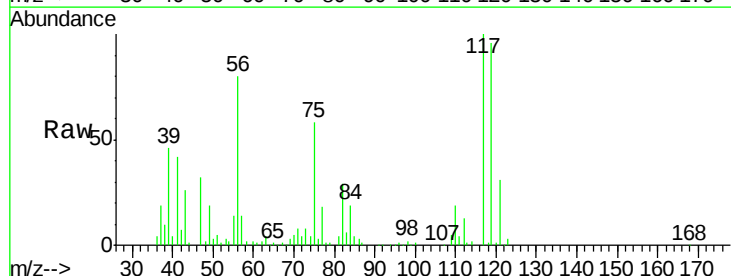
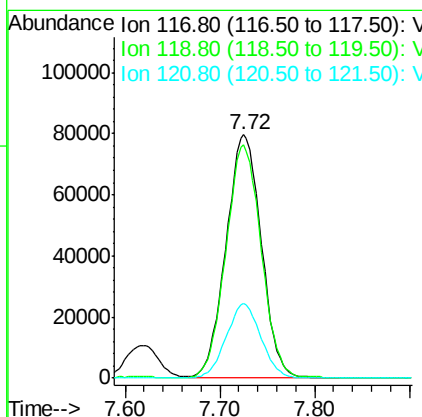
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#38
Carbon Tetrachloride
Concen: 44.274 ug/l
RT: 7.72 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.2
121	30.7	25.8	38.6





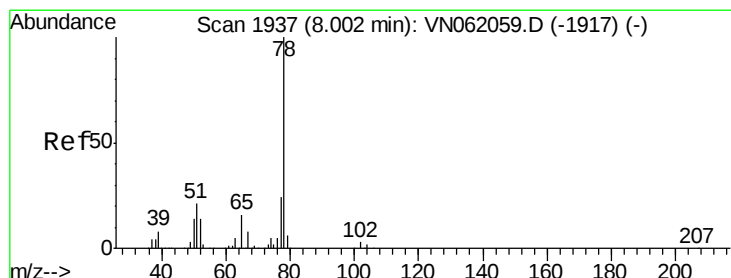
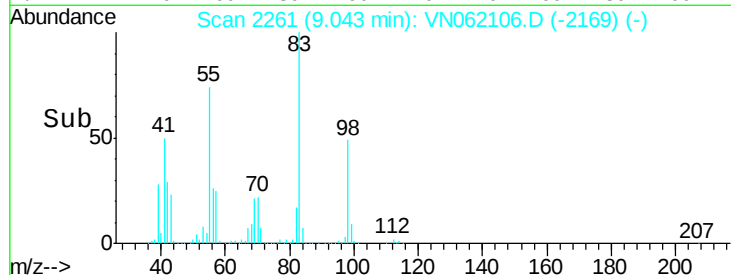
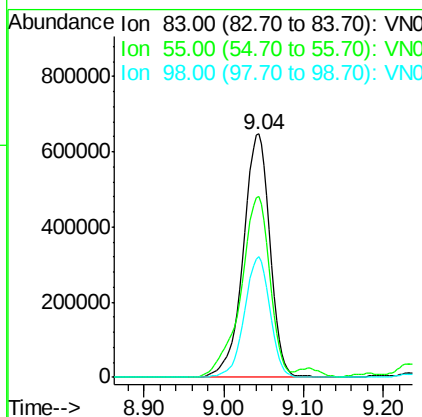
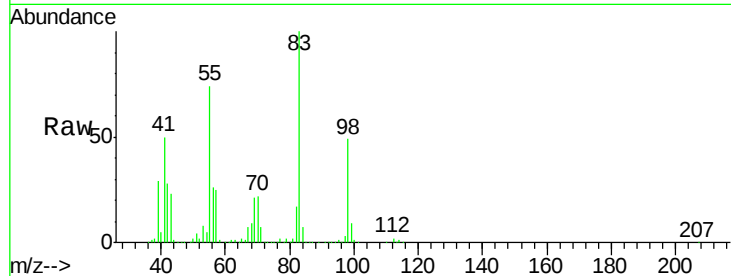
#39
Methvlcvclohexane
Concen: 268.204 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 83 Resp: 1455106
Ion Ratio Lower Upper
83 100
55 74.4 57.0 85.6
98 49.4 39.0 58.6

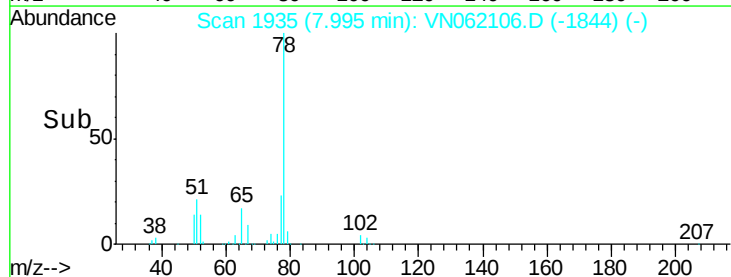
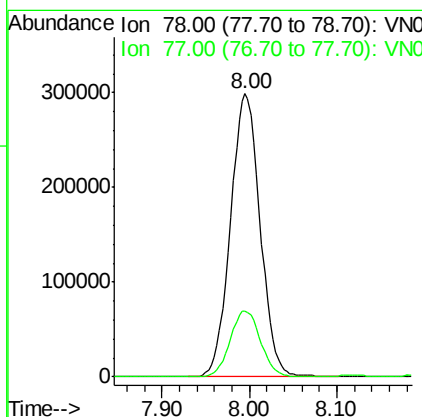
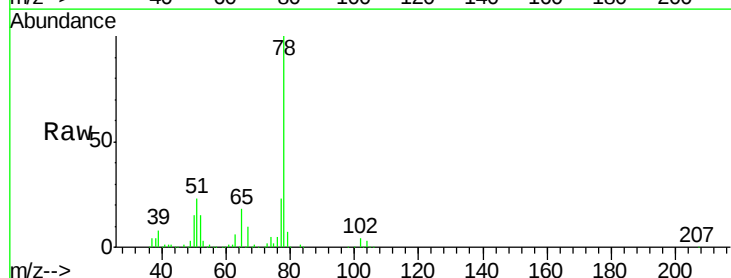
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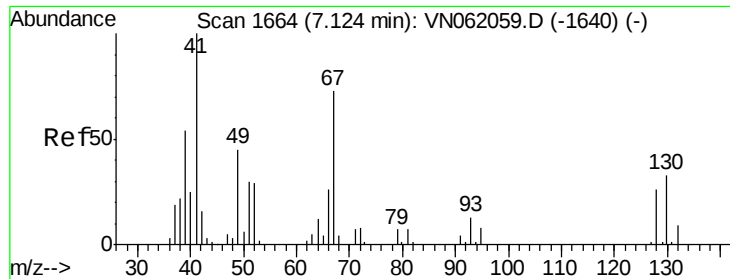
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#40
Benzene
Concen: 46.571 ug/l
RT: 8.00 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 78 Resp: 702863
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3





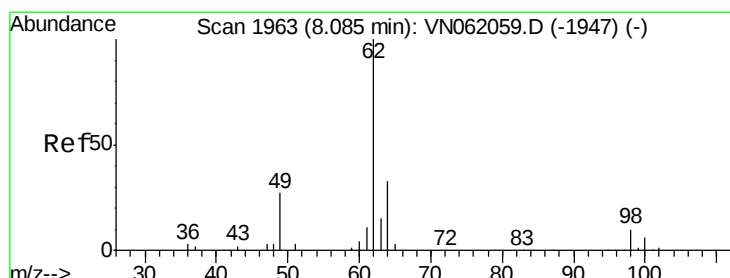
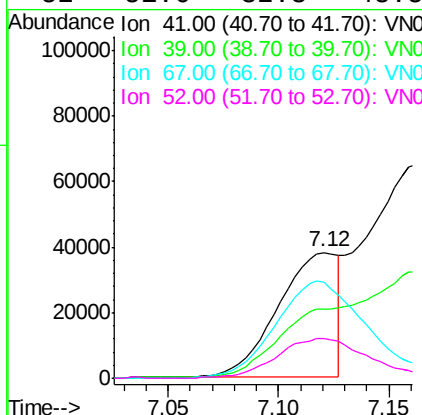
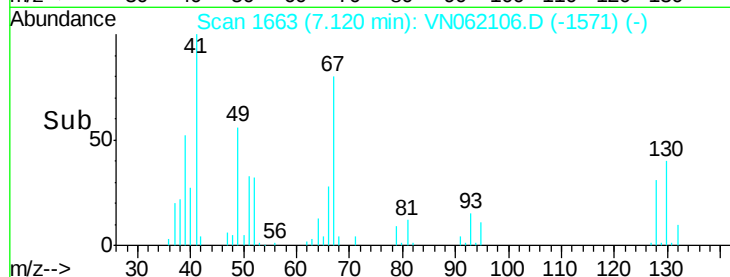
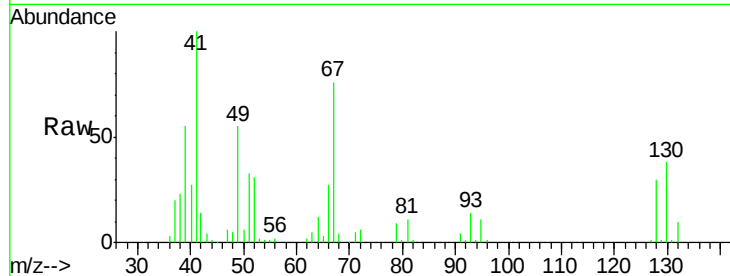
#41
Methacrylonitrile
Concen: 37.542 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	0.0	44.2	66.2#	
67	121.4	79.5	119.3#	
52	51.6	32.3	48.5#	

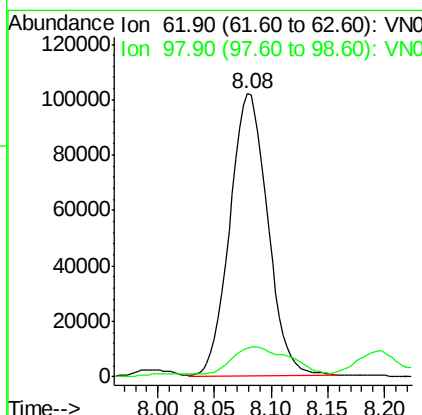
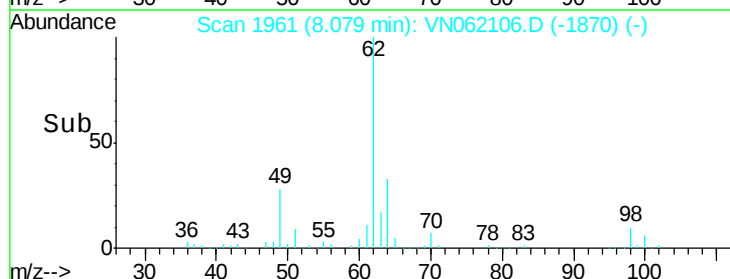
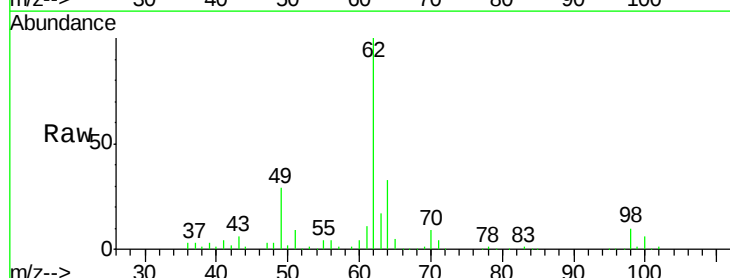
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#42
1,2-Dichloroethane
Concen: 46.445 ug/l
RT: 8.08 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	16.7	0.0	19.8	





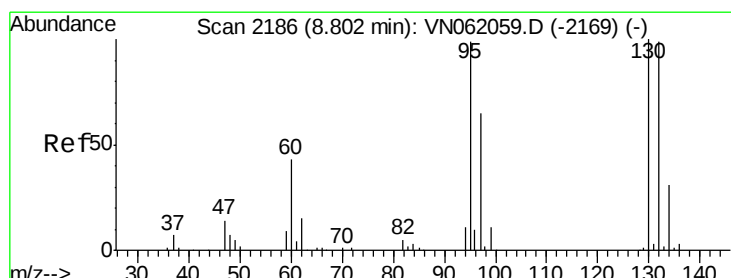
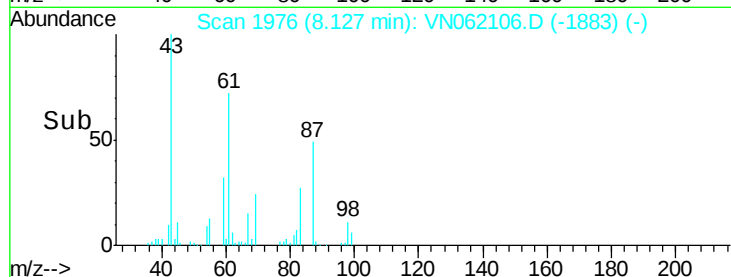
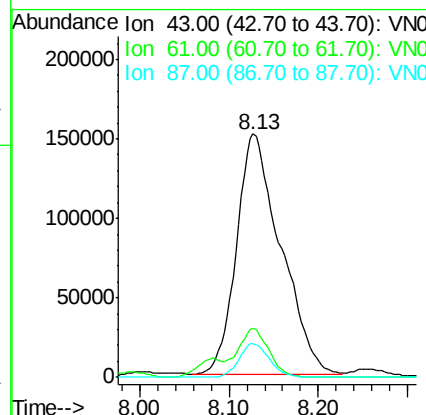
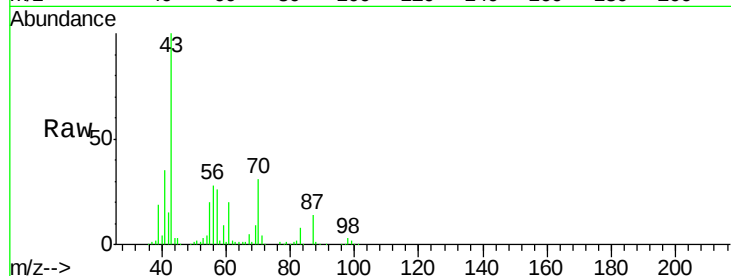
#43
Isopropyl Acetate
Concen: 77.745 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	17.2	25.8#
87	9.6	12.1	18.1#

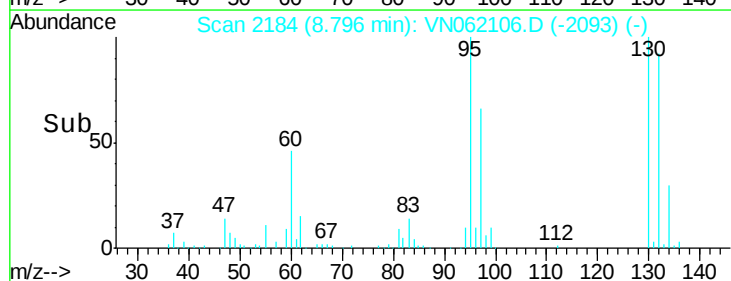
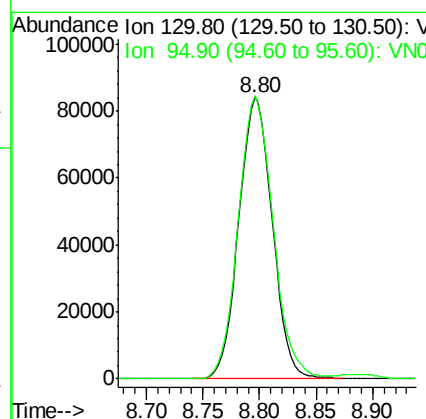
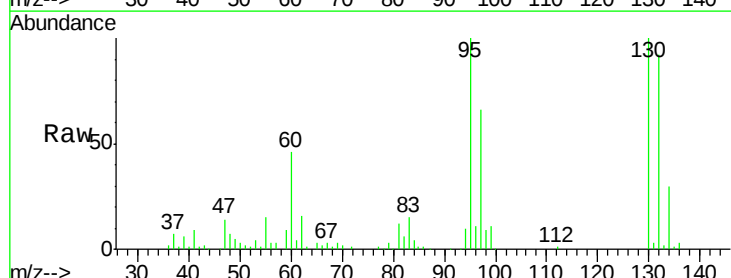
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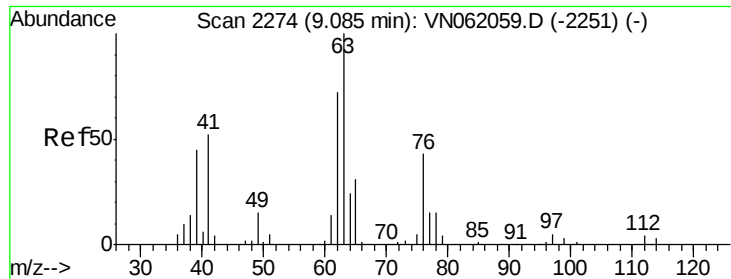
MMDadoda
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#44
Trichloroethene
Concen: 45.571 ug/l
RT: 8.80 min Scan# 2184
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	197.8





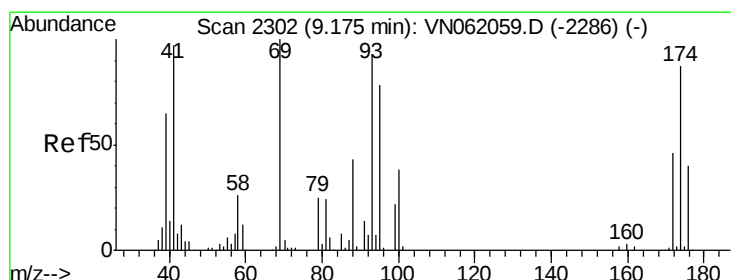
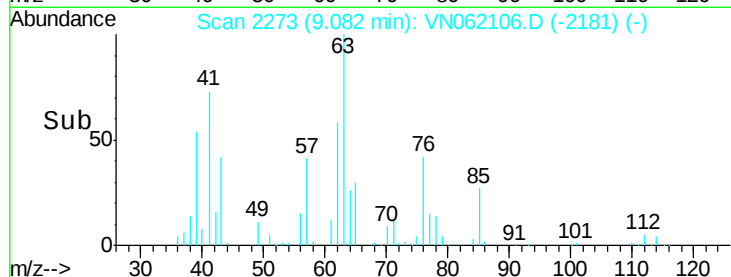
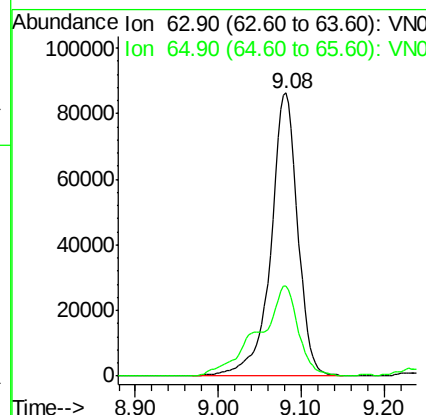
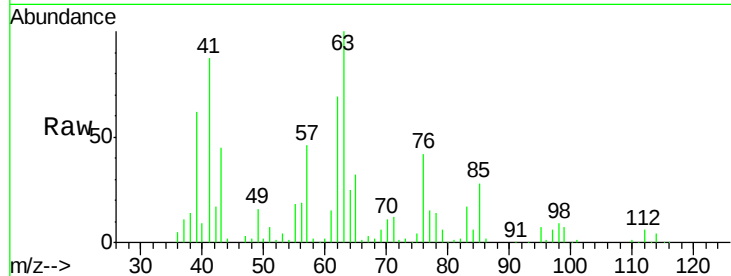
#45
 1,2-Dichloropropane
 Concen: 52.783 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion: 63 Resp: 196529
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.4

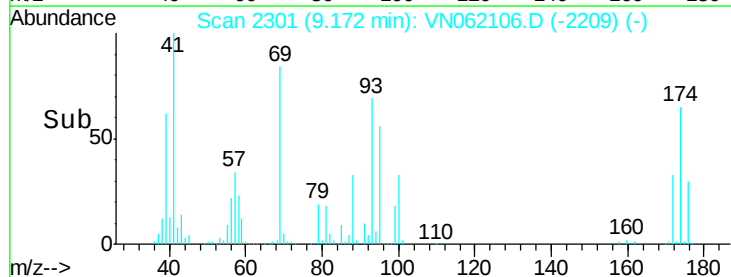
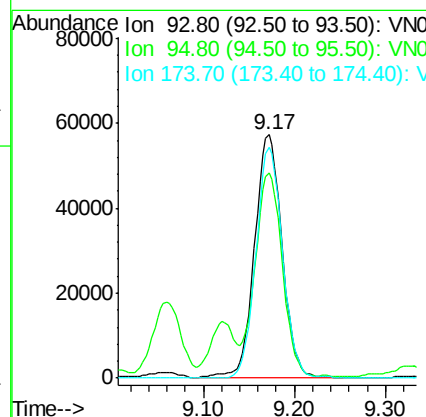
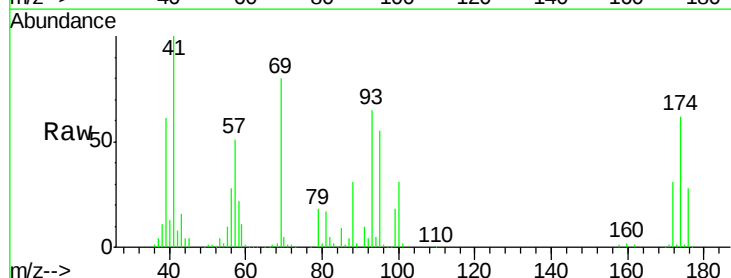
Manual Integrations
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 6/26/2020 7:01:04 PM



#46
 Dibromomethane
 Concen: 47.831 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion: 93 Resp: 120747
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.0 100.6
 174 91.3 74.4 111.6





#47

Bromodichloromethane

Concen: 60.868 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

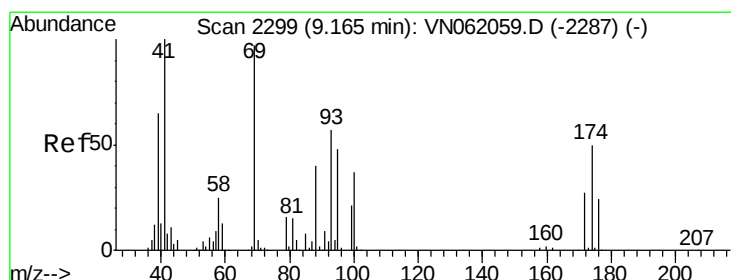
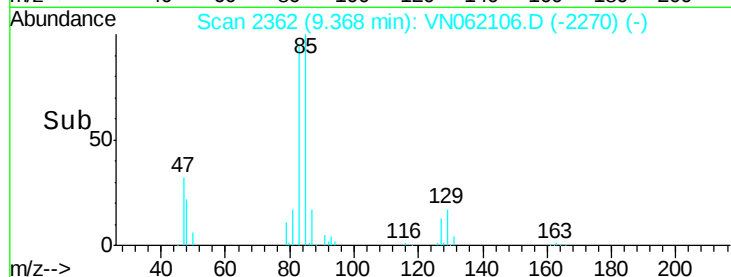
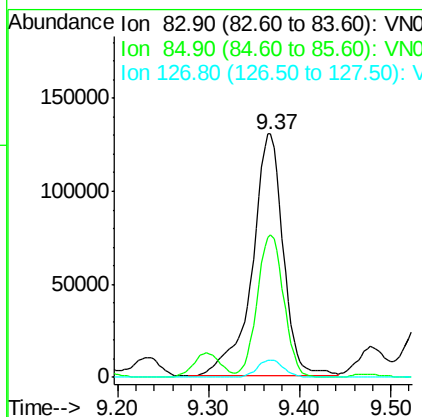
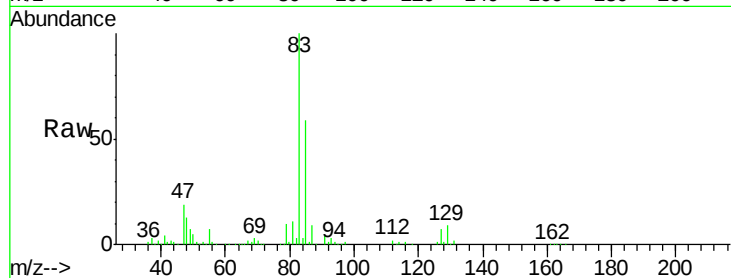
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:	83	Resp:	310257
Ion Ratio	Lower	Upper	
83	100		
85	58.7	50.3	75.5
127	7.2	6.9	10.3

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#48

Methyl methacrylate

Concen: 52.484 ug/l

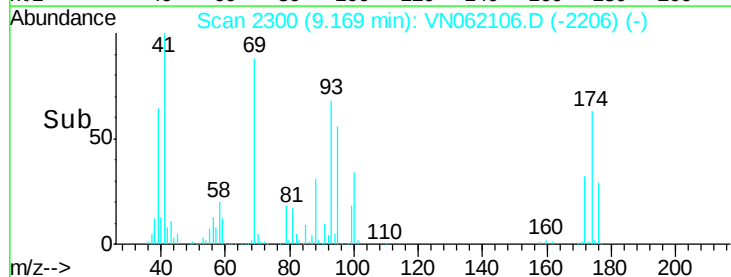
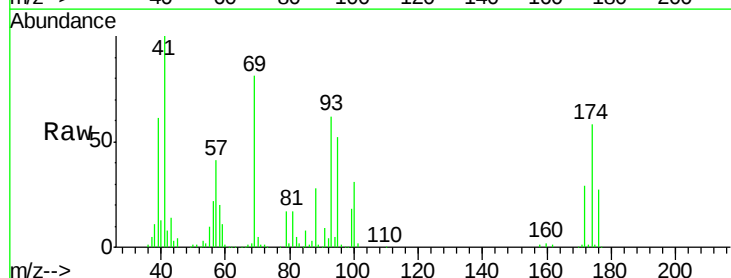
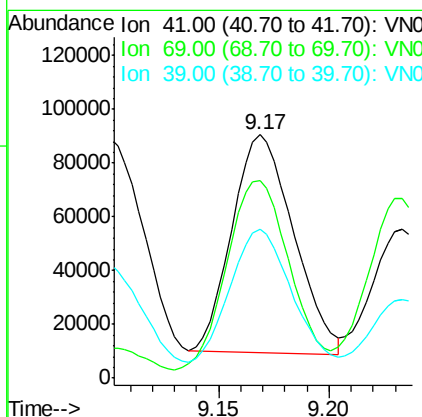
RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion:	41	Resp:	157288
Ion Ratio	Lower	Upper	
41	100		
69	93.6	80.7	121.1
39	58.9	54.5	81.7





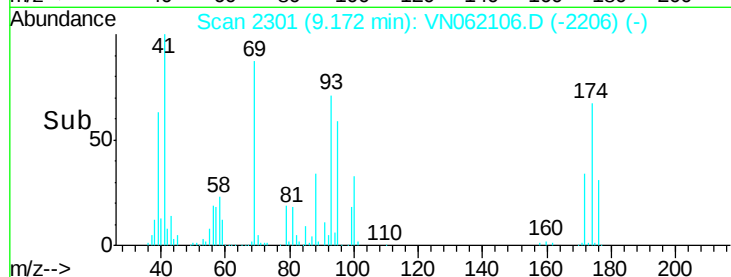
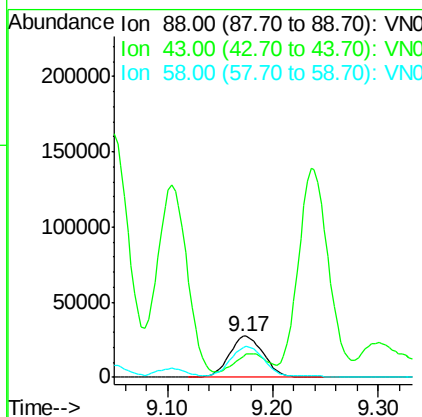
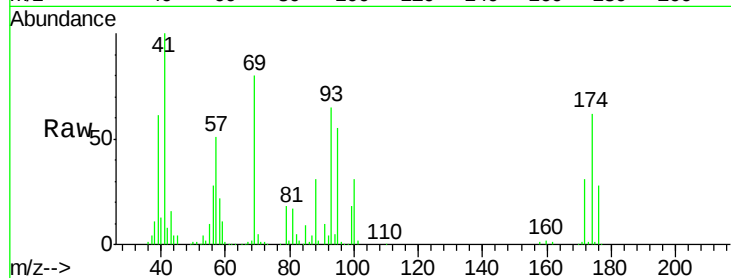
#49
1,4-Dioxane
Concen: 940.311 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	88	Resp	62493
Ion Ratio	Lower	Upper	
88	100		
43	53.9	22.0	33.0#
58	68.4	49.2	73.8

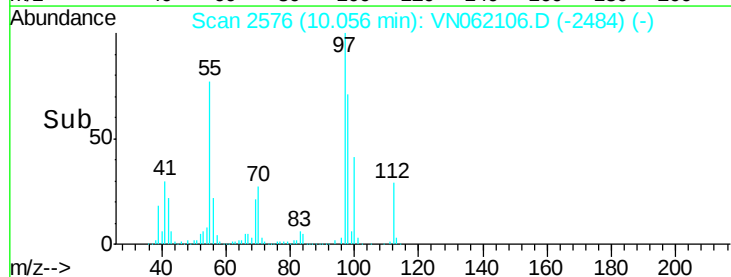
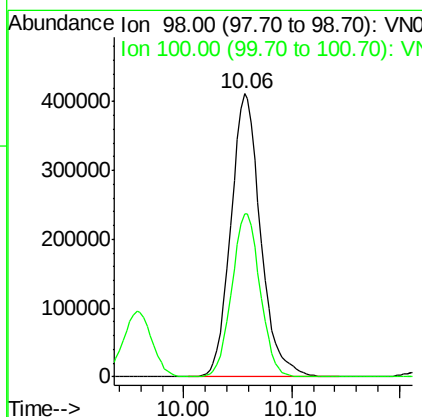
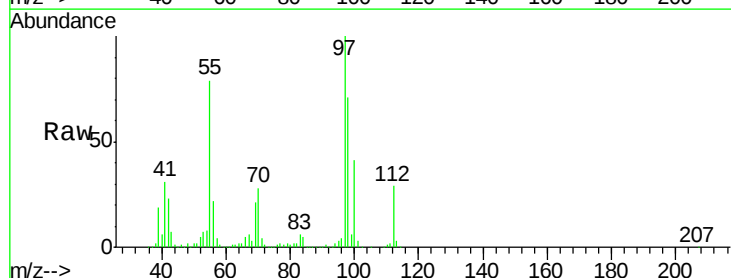
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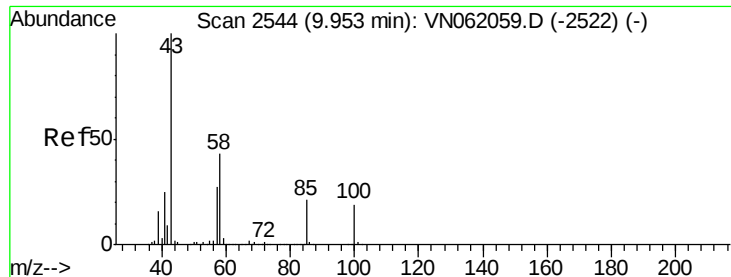
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#50
Toluene-d8
Concen: 62.556 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	98	Resp	790283
Ion Ratio	Lower	Upper	
98	100		
100	55.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 335.073 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion: 43 Resp: 1308508

Ion Ratio Lower Upper

43 100

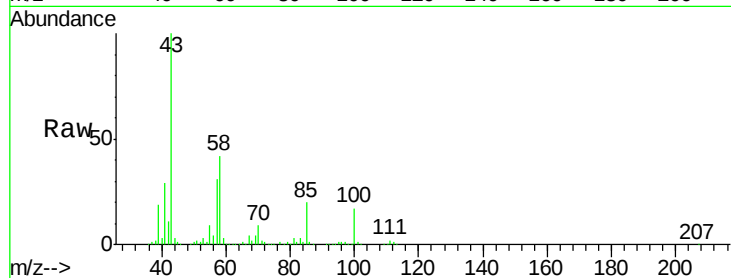
58 39.0 34.2 51.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN062106.D (-2545) (-)

Ion 58.00 (57.70 to 58.70): VN062106.D (-2545) (-)

9.96

600000

500000

400000

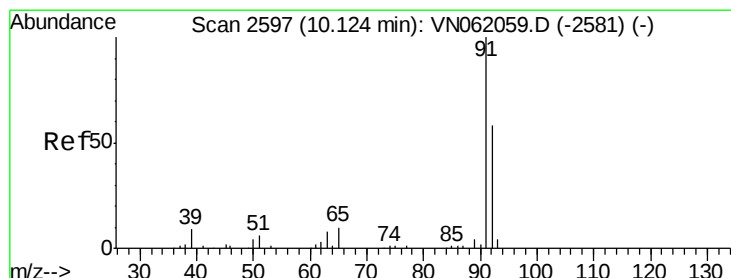
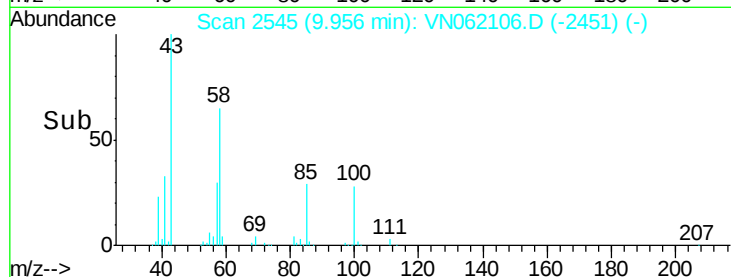
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.091 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062106.D

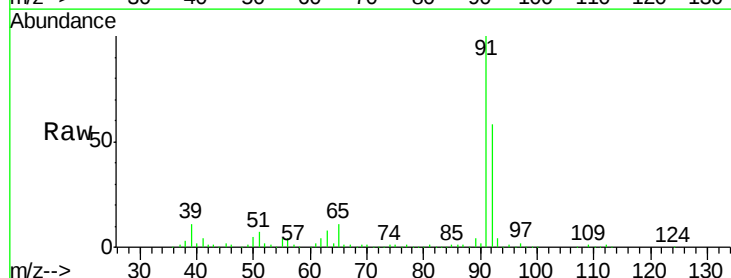
Acq: 25 Jun 2020 13:16

Tgt Ion: 92 Resp: 498103

Ion Ratio Lower Upper

92 100

91 171.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062106.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062106.D (-2504) (-)

10.12

500000

400000

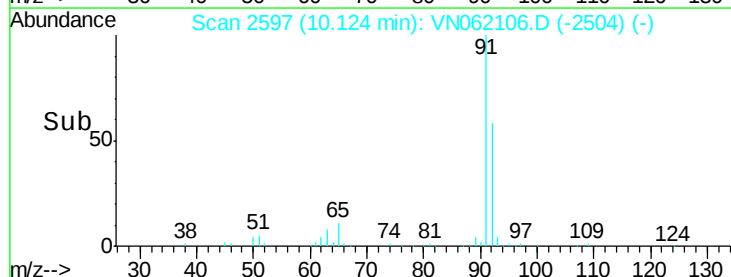
300000

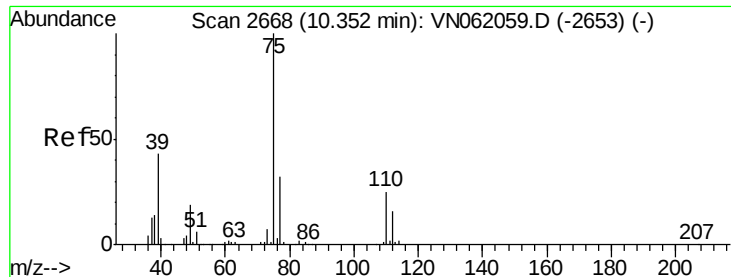
200000

100000

0

Time-->





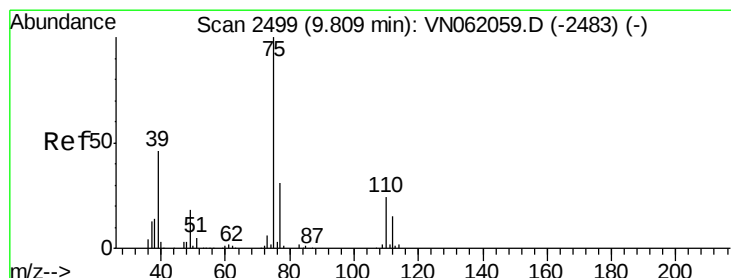
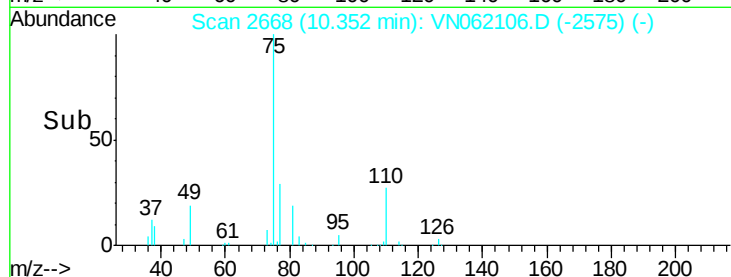
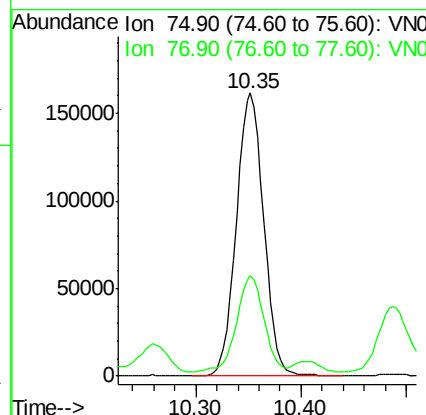
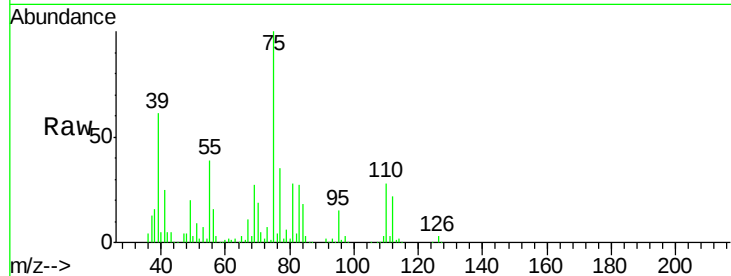
#53
t-1,3-Dichloropropene
Concen: 51.820 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.5	38.3

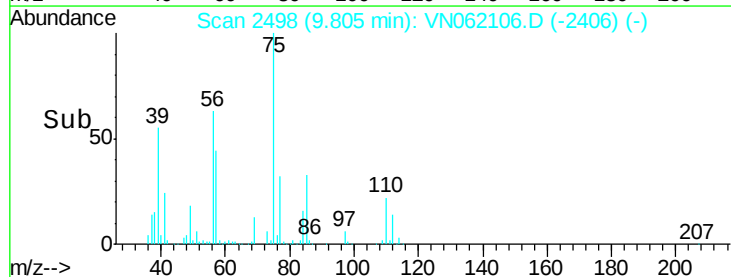
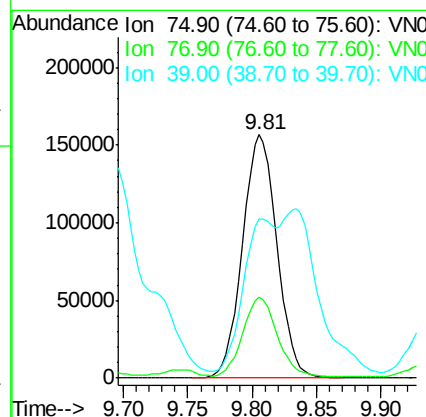
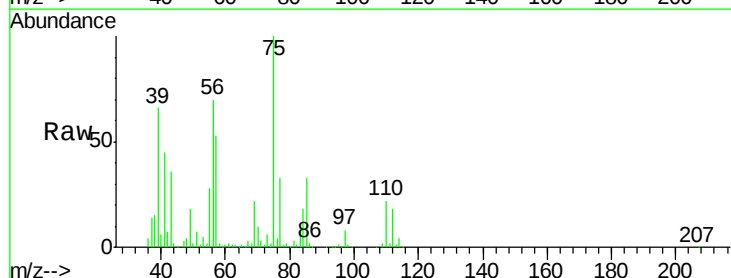
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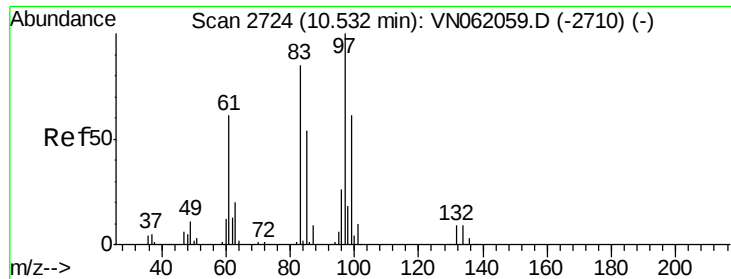
MMDadoda
6/26/2020 7:01:04 PM



#54
cis-1,3-Dichloropropene
Concen: 48.818 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.0	37.6
39	58.7	36.9	55.3#





#55

1,1,2-Trichloroethane

Concen: 208.516 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.03 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

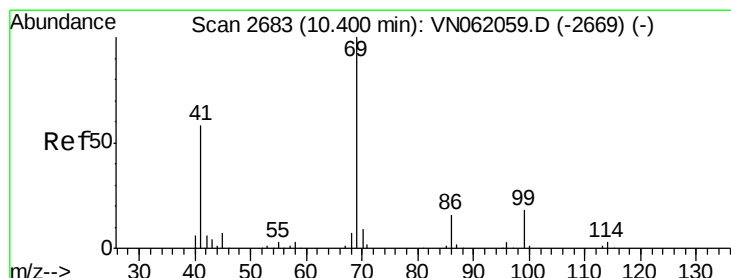
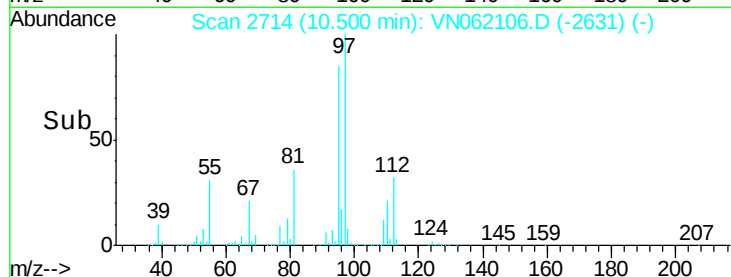
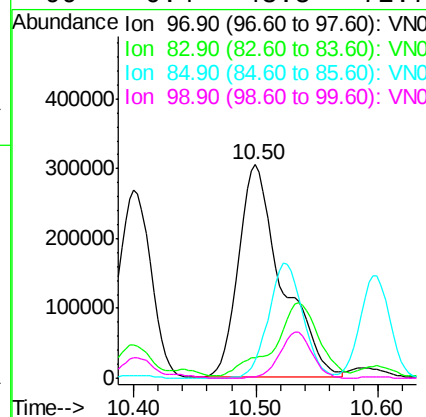
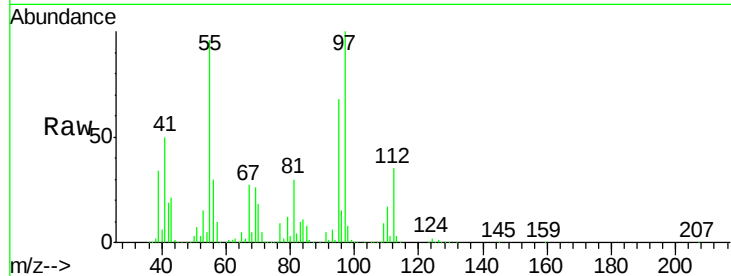
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	6.5	68.2	102.2#
85	8.3	43.2	64.8#
99	0.4	48.5	72.7#

Manual Integrations
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#56

Ethyl methacrylate

Concen: 70.961 ug/l

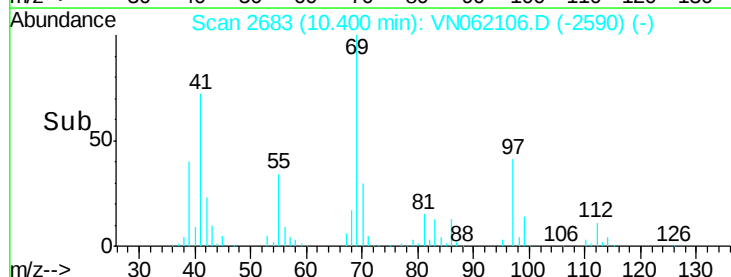
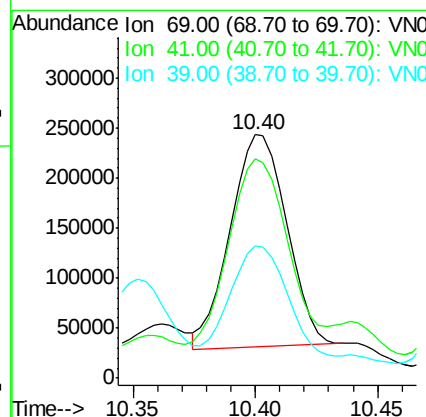
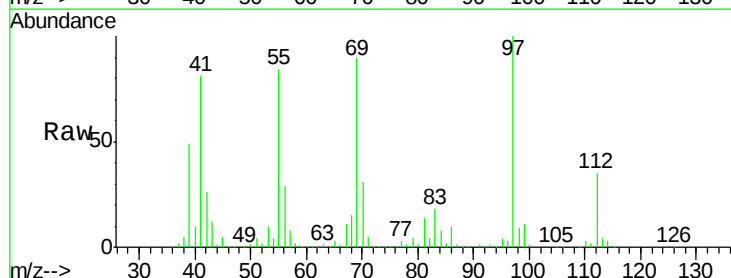
RT: 10.40 min Scan# 2683

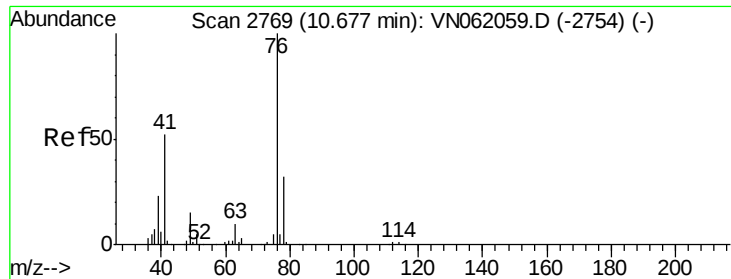
Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	89.0	46.6	70.0#
39	50.4	31.0	46.4#





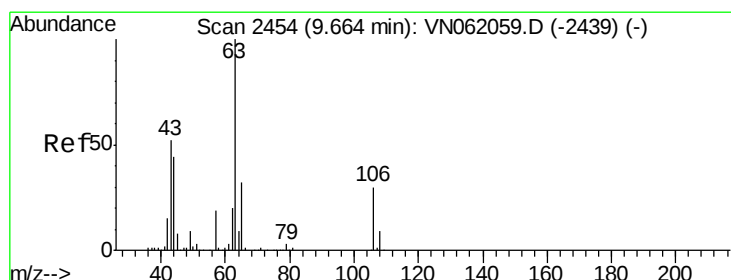
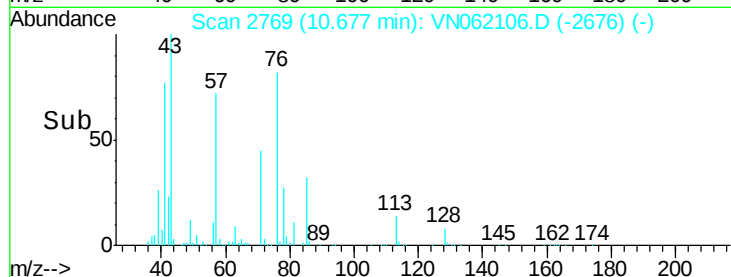
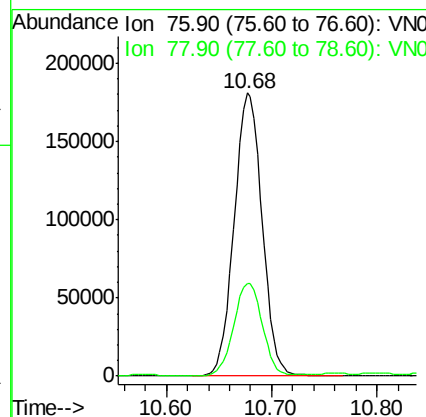
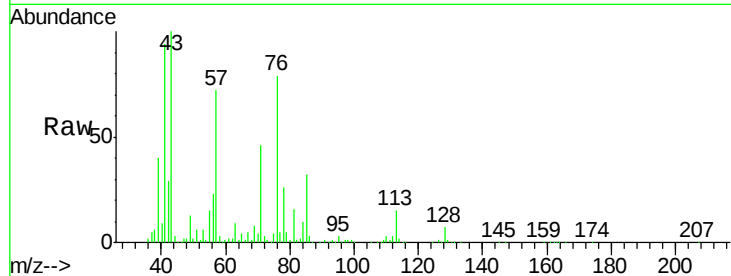
#57
 1,3-Dichloropropane
 Concen: 53.252 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.8	38.8

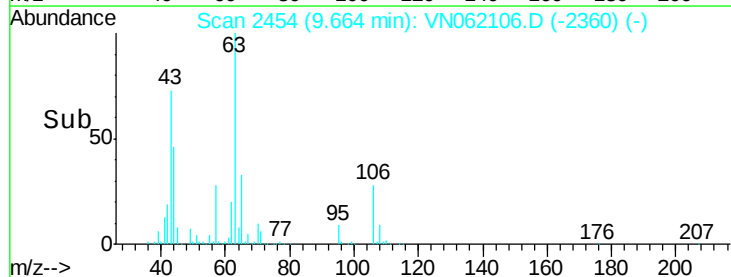
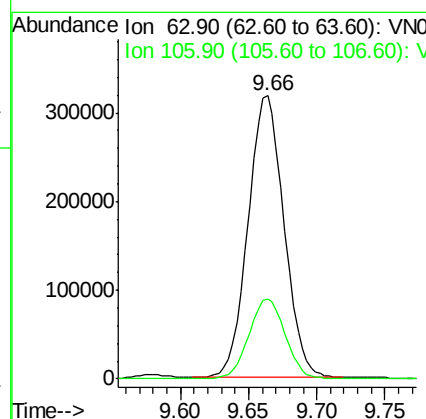
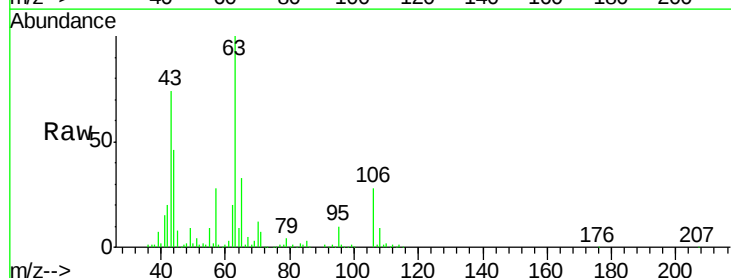
Manual Integrations
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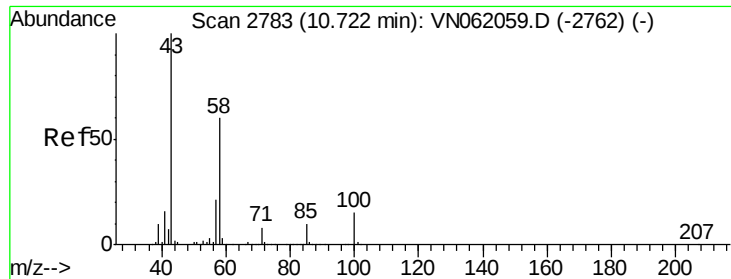
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 280.239 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.2	34.8





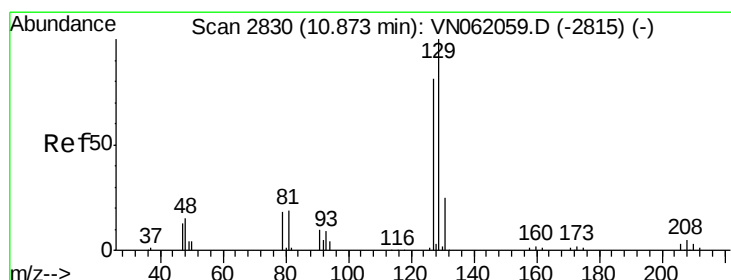
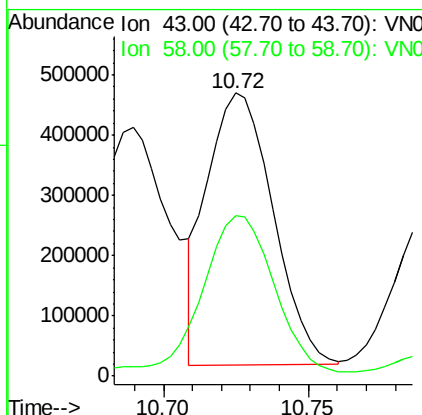
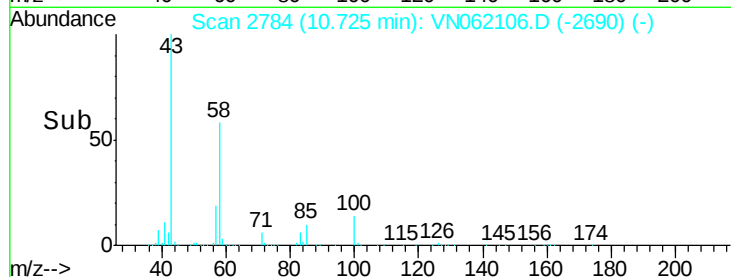
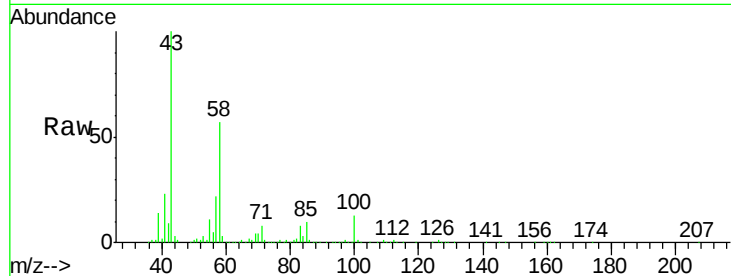
#59
2-Hexanone
Concen: 251.678 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 43 Resp: 709706
Ion Ratio Lower Upper
43 100
58 67.6 29.5 88.5

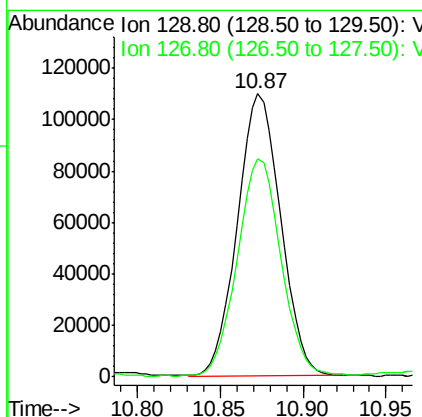
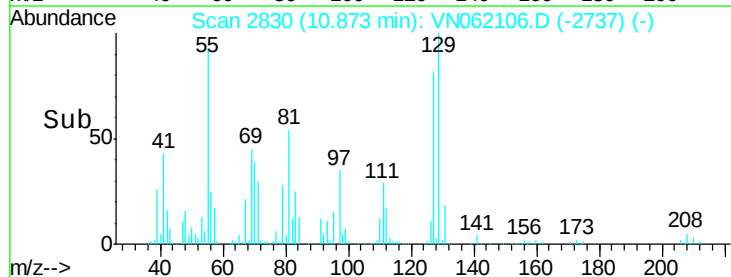
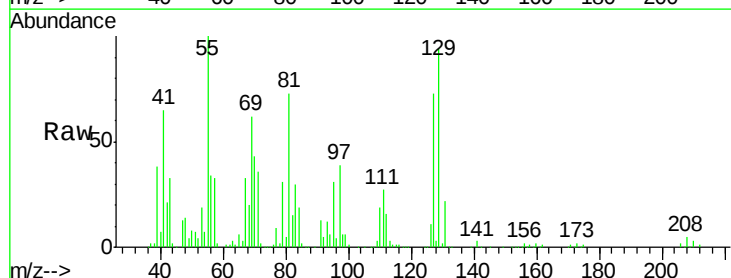
Manual Integrations
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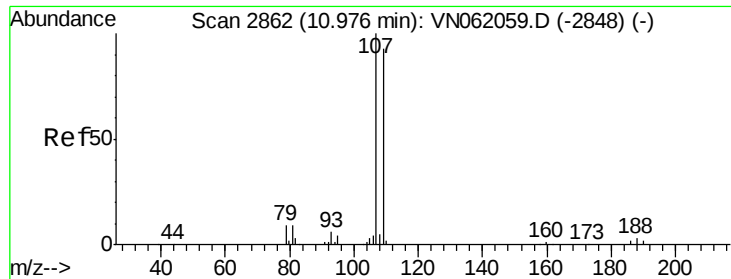
MMDadoda
6/26/2020 7:01:04 PM



#60
Dibromochloromethane
Concen: 51.901 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion:129 Resp: 198903
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.5





#61

1,2-Dibromoethane

Concen: 55.155 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:107 Resp: 205143

Ion Ratio Lower Upper

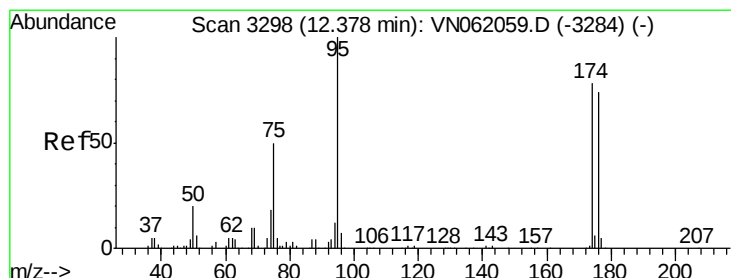
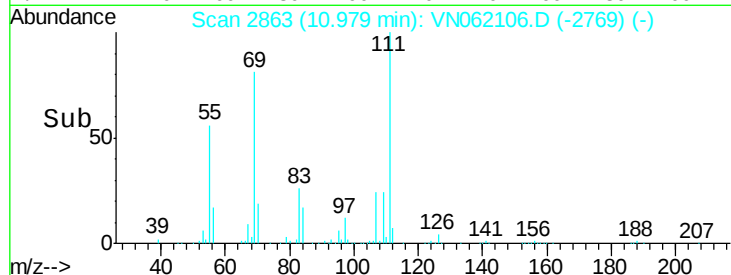
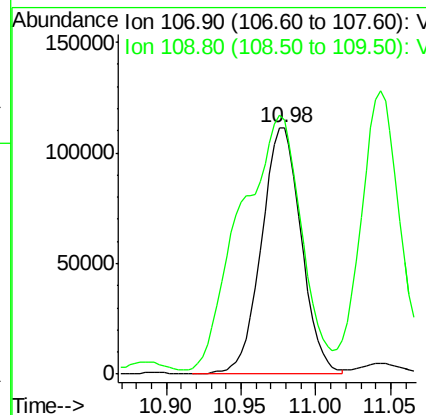
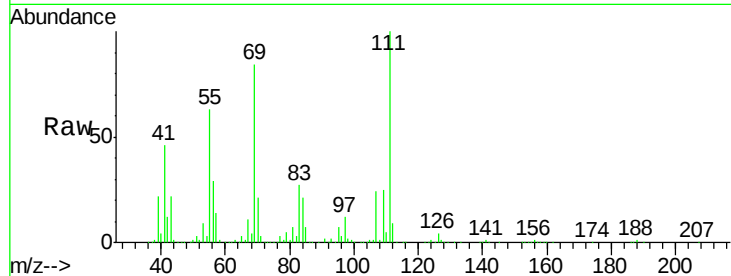
107 100

109 157.9 75.0 112.6#

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6/26/2020 7:01:04 PM



#62

4-Bromofluorobenzene

Concen: 87.732 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

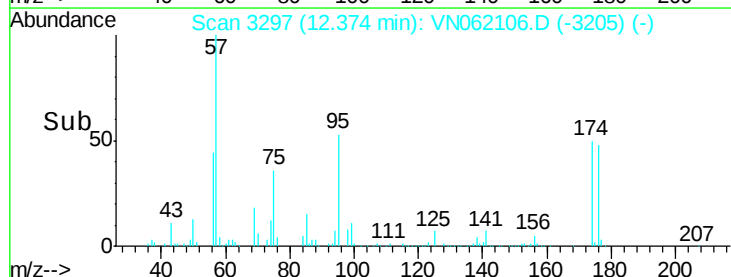
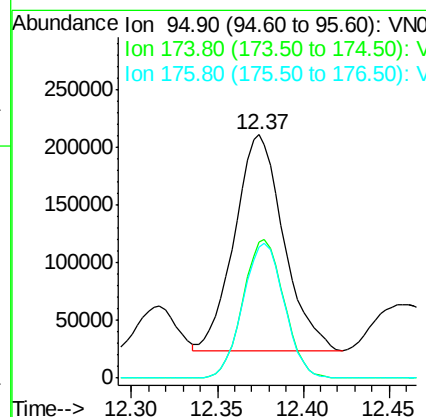
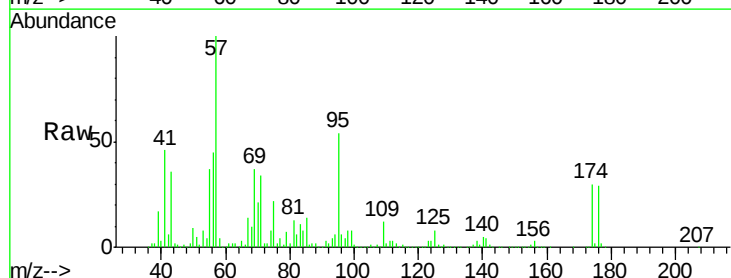
Tgt Ion: 95 Resp: 374458

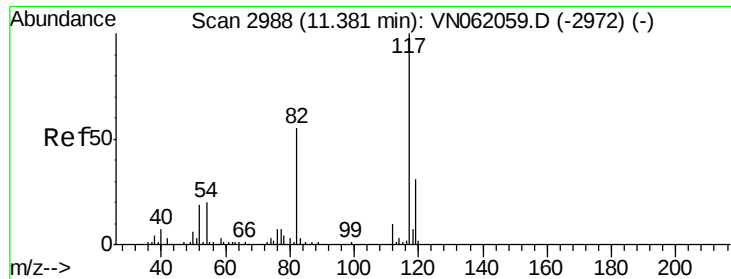
Ion Ratio Lower Upper

95 100

174 53.7 0.0 154.8

176 52.4 0.0 147.4





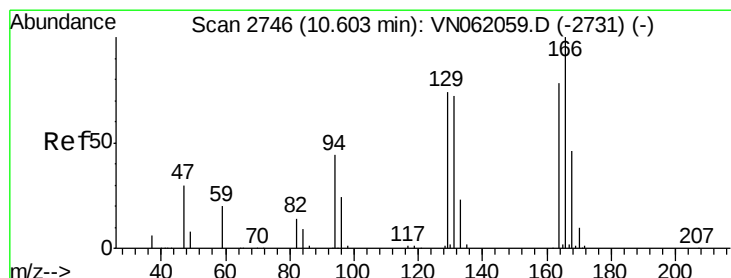
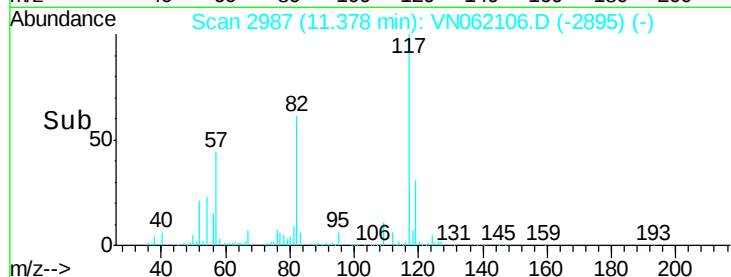
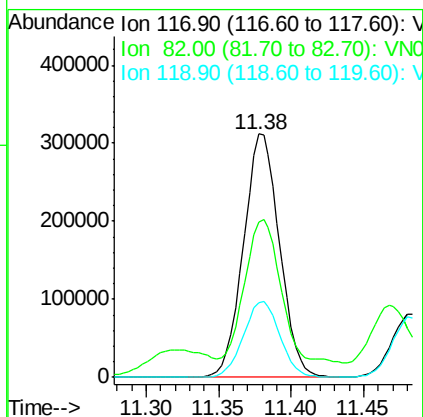
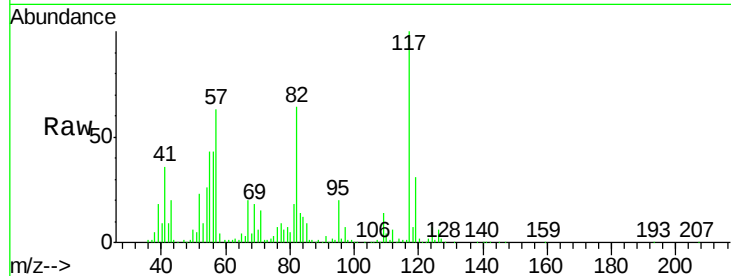
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	540805		
82	57.7		43.8	65.8
119	30.8		25.2	37.8

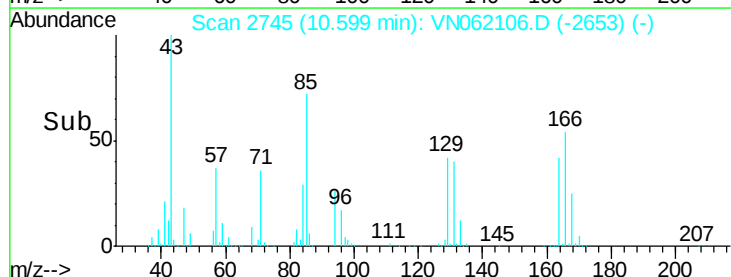
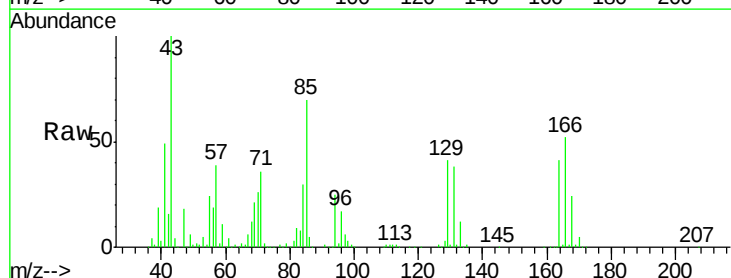
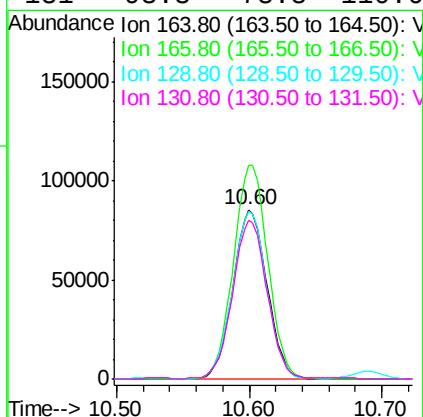
Manual Integrations
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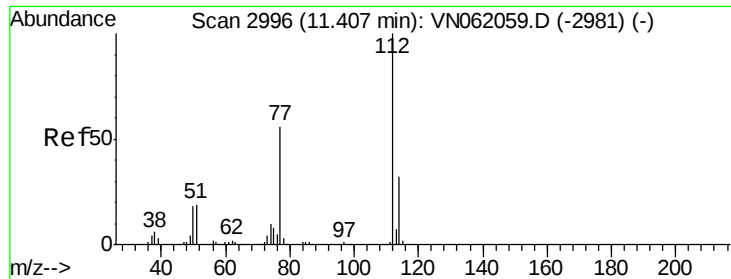
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#64
Tetrachloroethene
Concen: 41.205 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	152221		
166	126.4		102.9	154.3
129	99.4		75.8	113.8
131	93.3		73.8	110.6





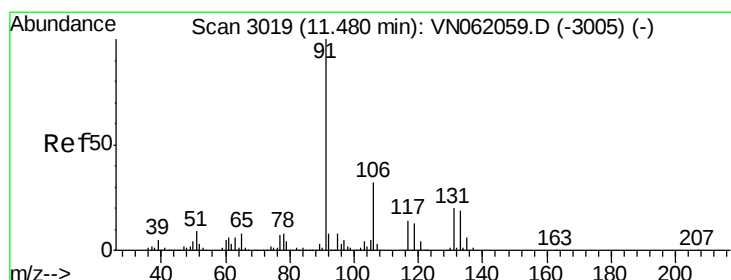
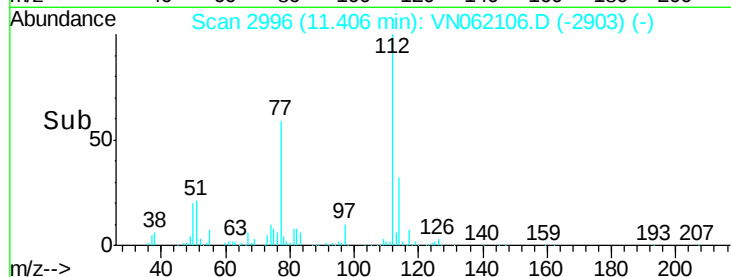
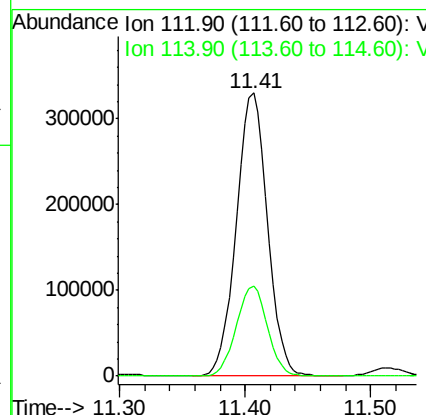
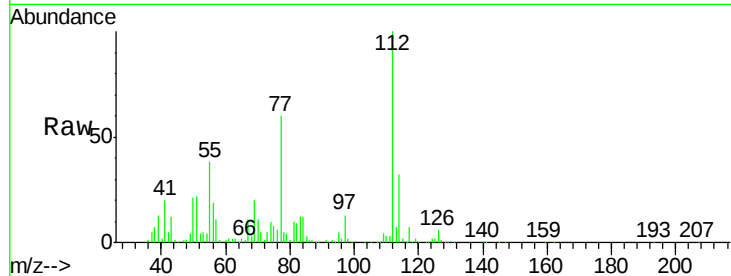
#65
Chlorobenzene
Concen: 47.891 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	568757		
114	31.8	25.8	38.8	

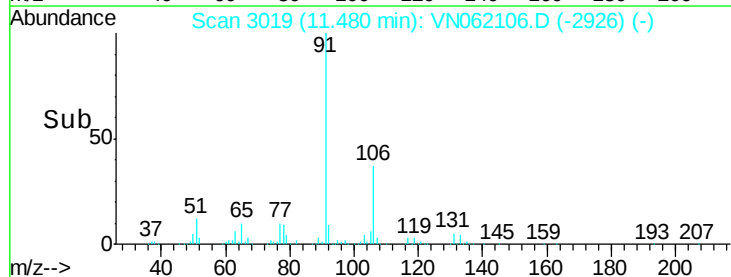
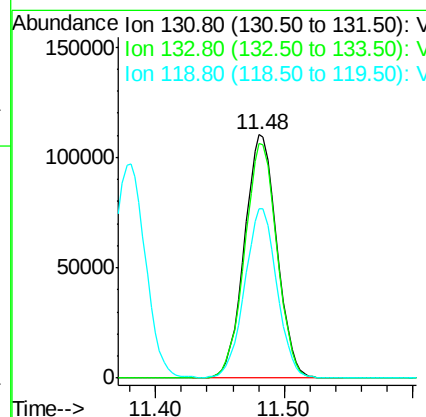
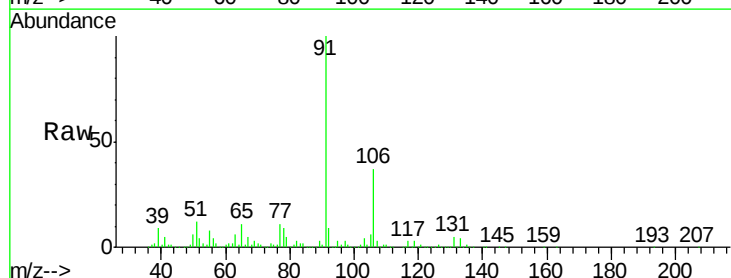
Manual Integrations
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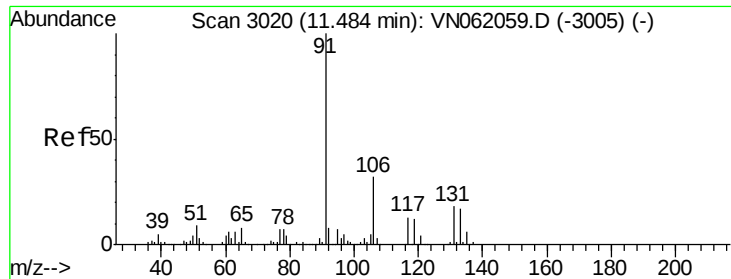
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.016 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	193078		
133	95.5	47.6	142.9	
119	68.8	34.4	103.3	





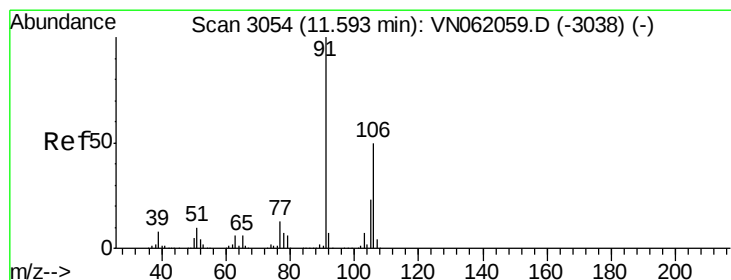
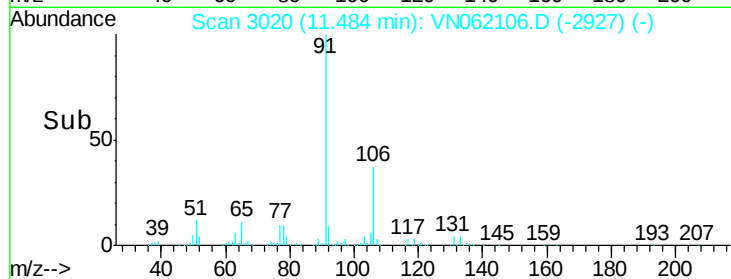
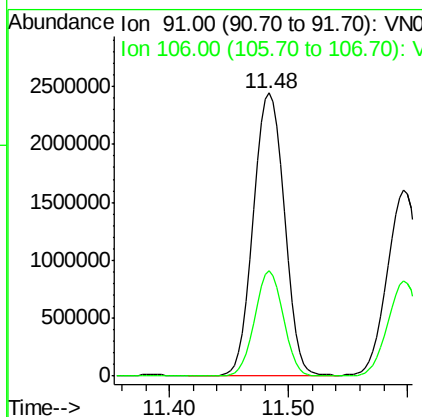
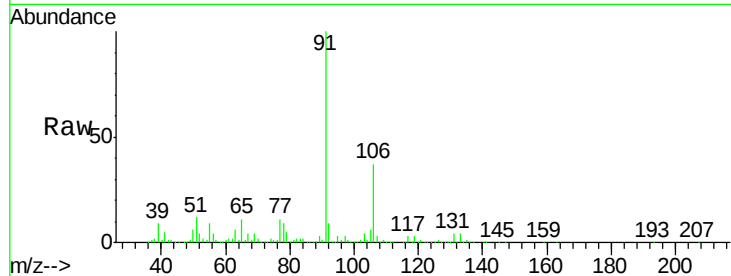
#67
Ethyl Benzene
Concen: 220.080 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 91 Resp: 4414235
Ion Ratio Lower Upper
91 100
106 37.2 25.3 37.9

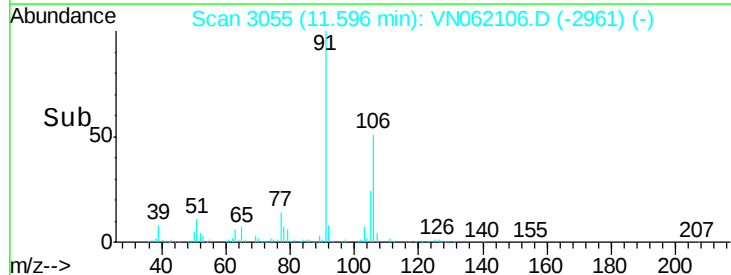
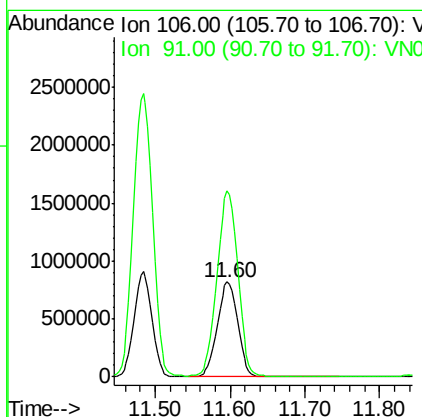
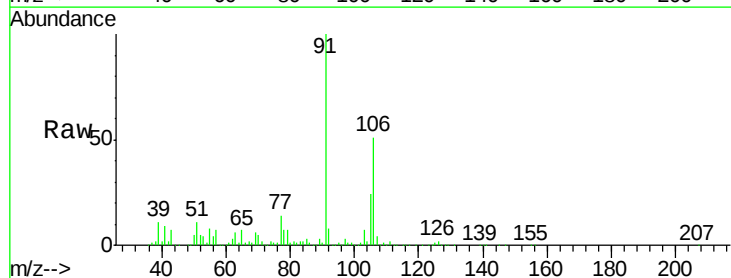
Manual Integrations
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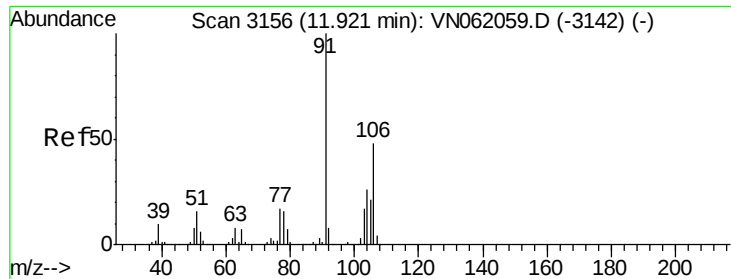
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#68
m/p-Xylenes
Concen: 199.833 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 106 Resp: 1550277
Ion Ratio Lower Upper
106 100
91 198.3 157.8 236.8





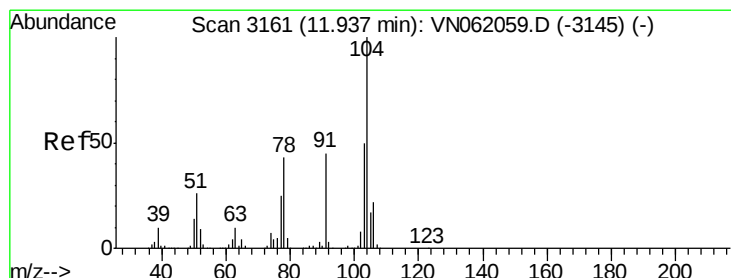
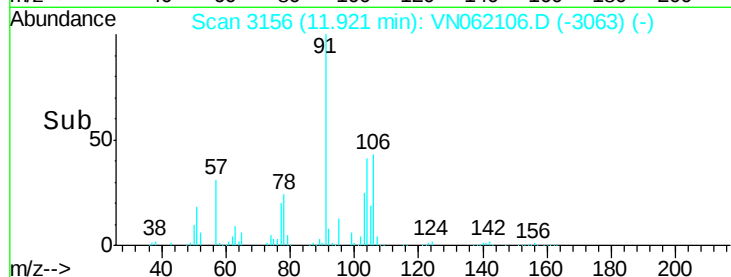
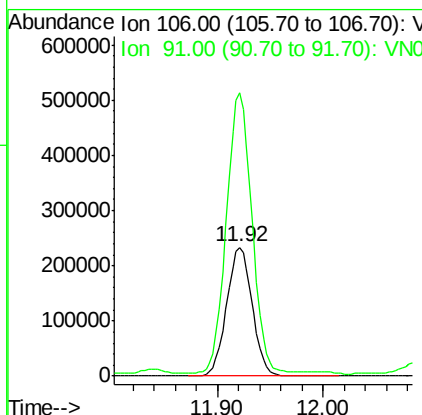
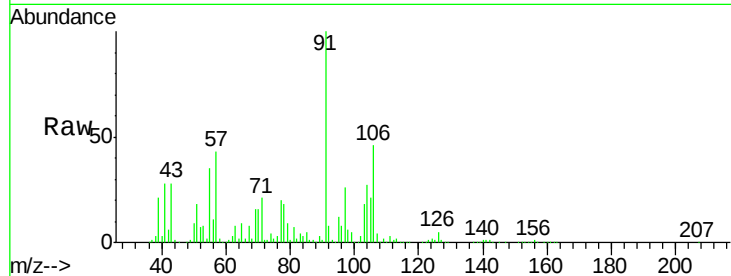
#69
o-Xylene
Concen: 53.150 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.2	104.0	311.9

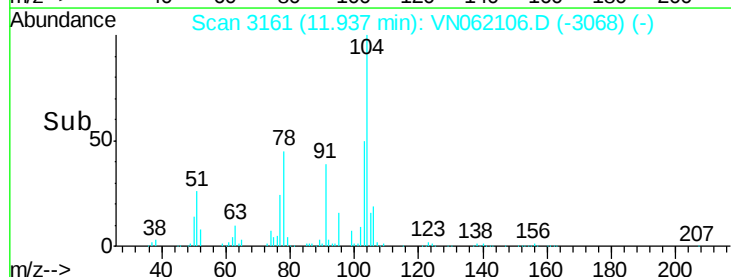
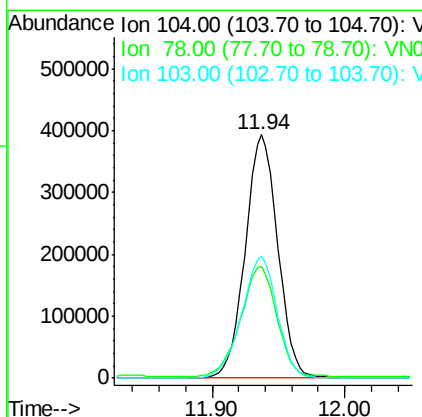
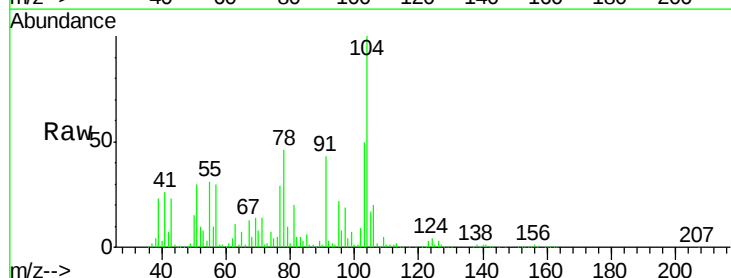
Manual Integrations
APPROVED

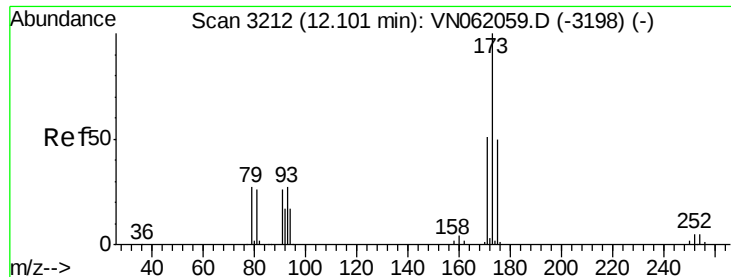
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#70
Styrene
Concen: 54.821 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.3	37.7	56.5
103	54.5	43.0	64.6





#71

Bromoform

Concen: 47.893 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

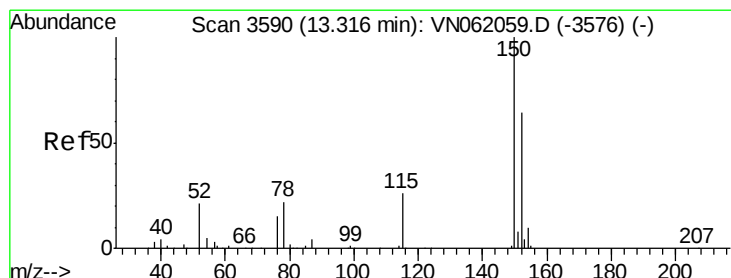
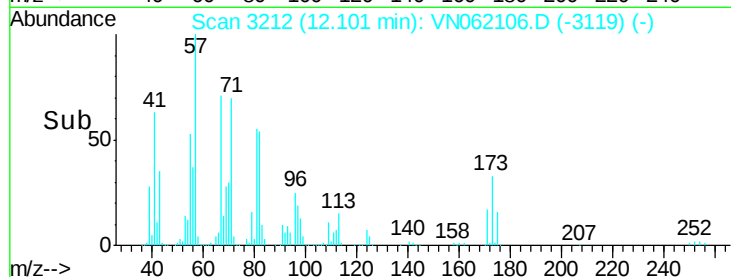
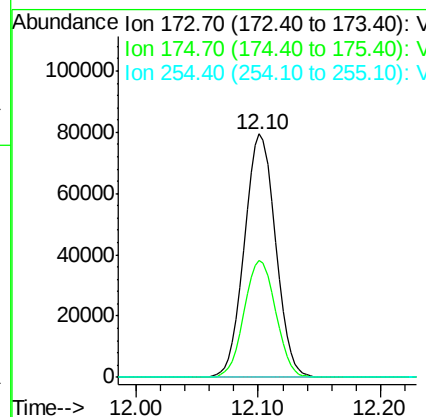
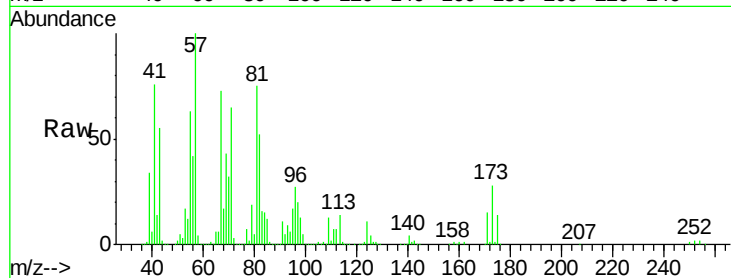
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.7	74.1
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

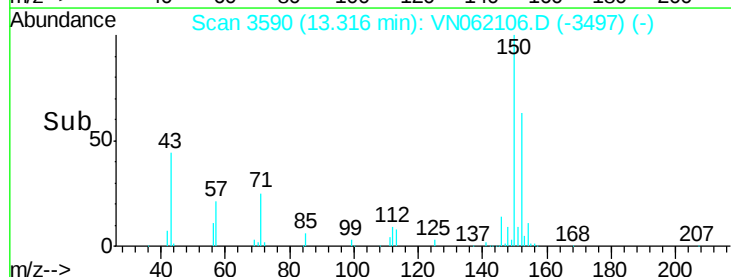
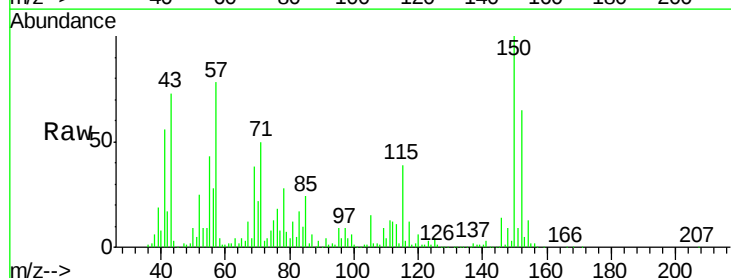
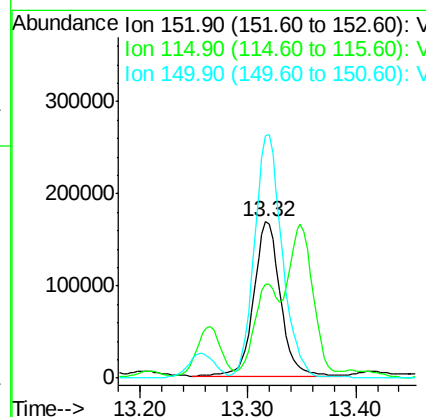
RT: 13.32 min Scan# 3590

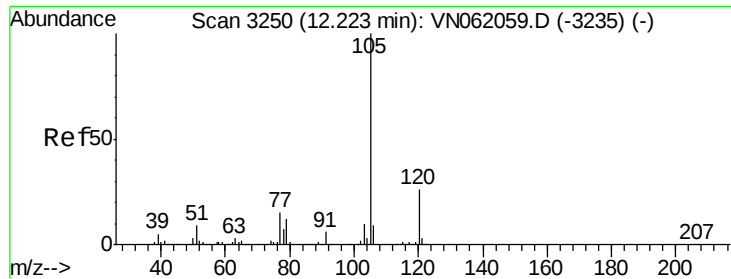
Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.9	29.5	88.5
150	164.0	0.0	351.4





#73

Isopropylbenzene

Concen: 94.109 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:105 Resp: 2085854

Ion Ratio Lower Upper

105 100

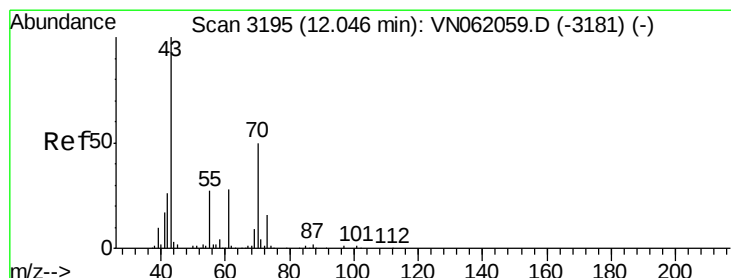
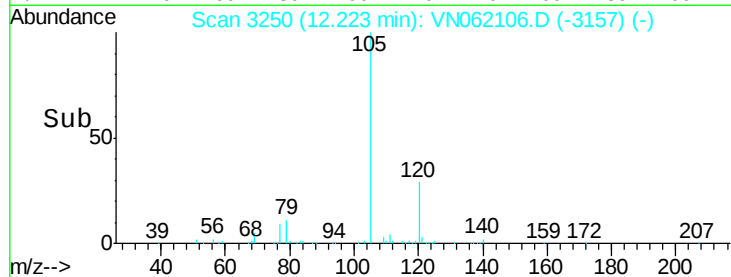
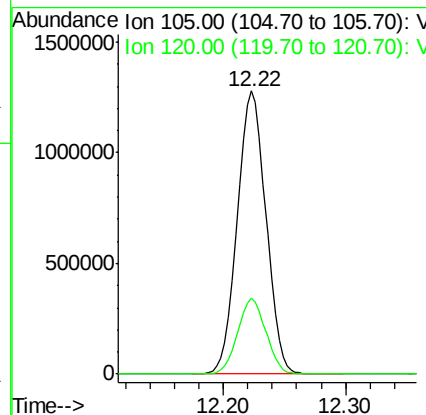
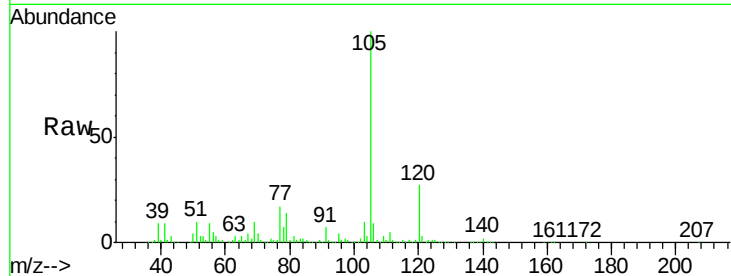
120 26.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 28.608 ug/l m

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion: 43 Resp: 220902

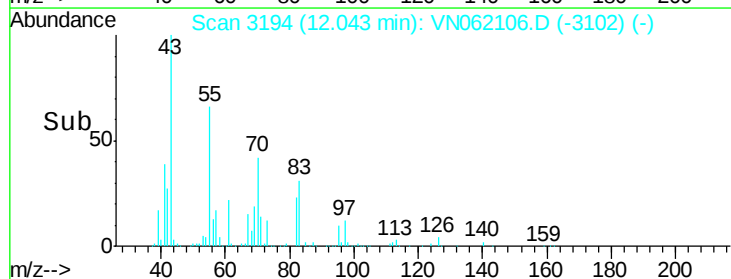
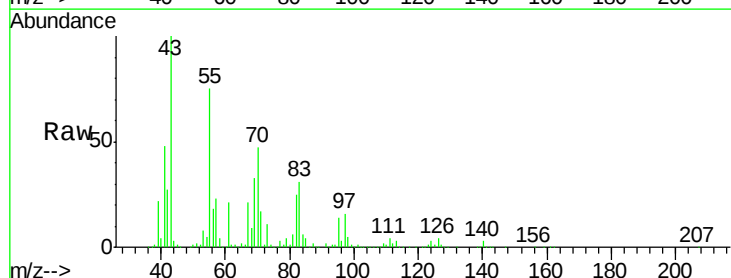
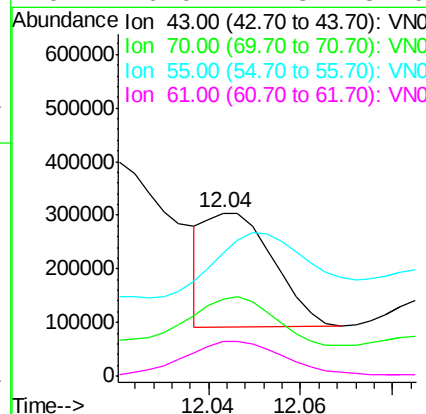
Ion Ratio Lower Upper

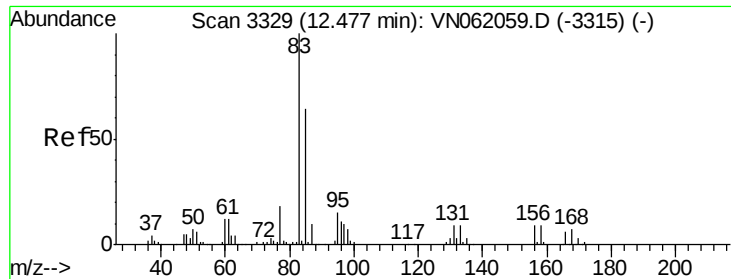
43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 39.026 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

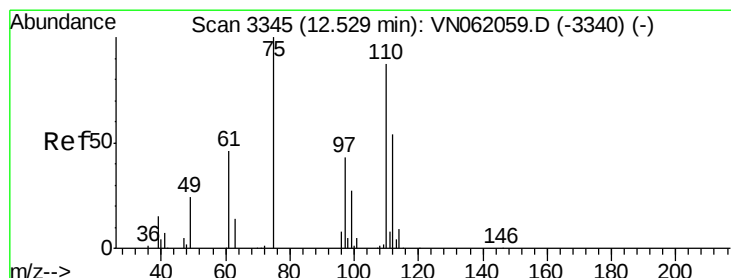
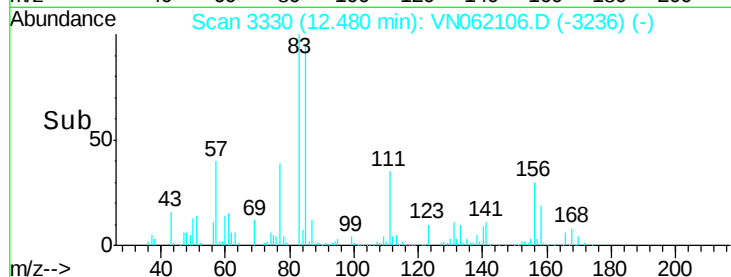
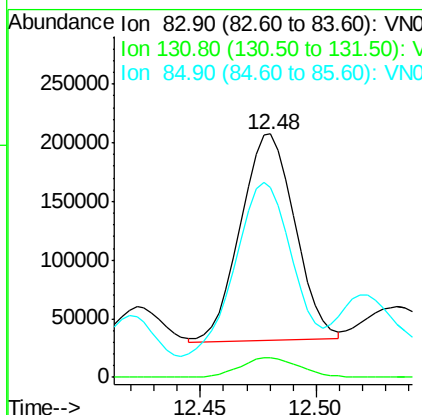
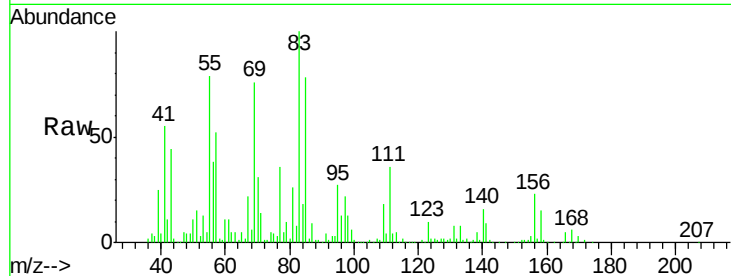
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.8	14.4
85	101.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 43.329 ug/l m

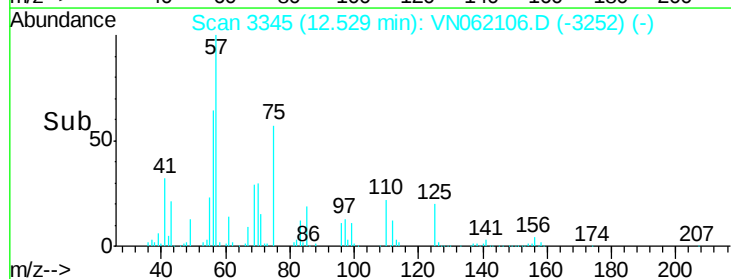
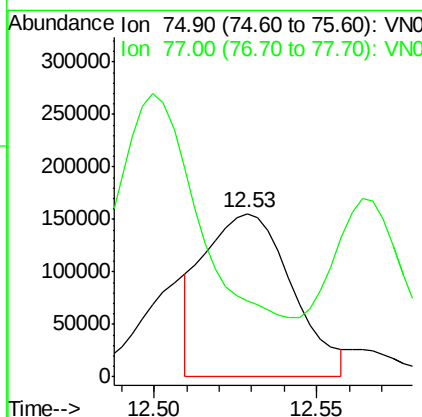
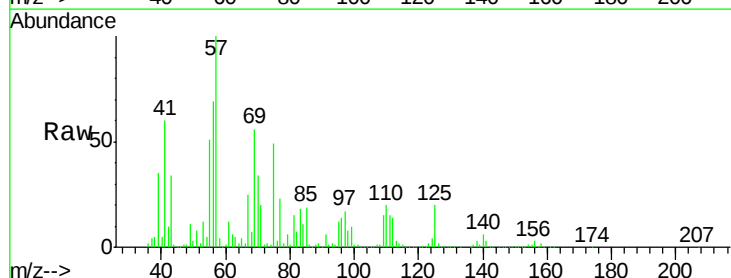
RT: 12.53 min Scan# 3345

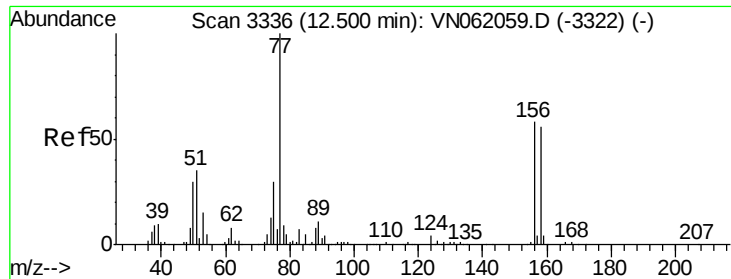
Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





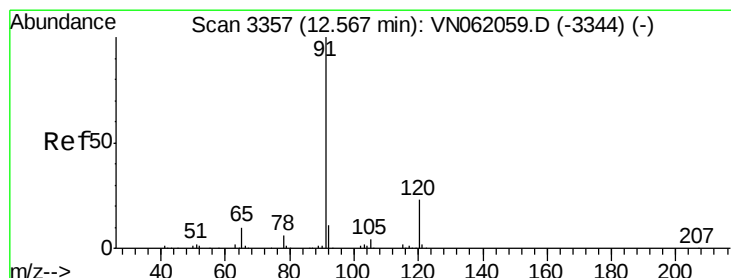
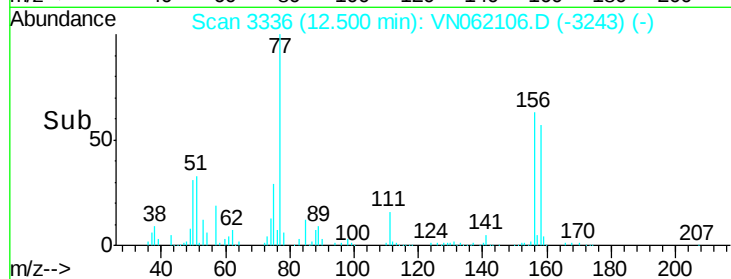
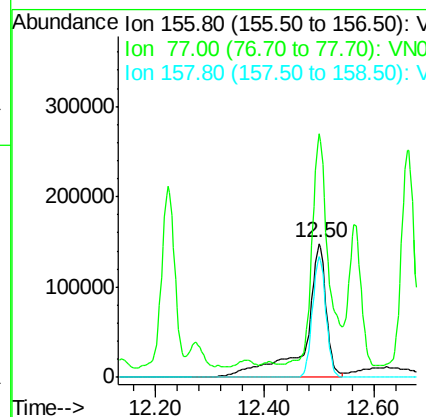
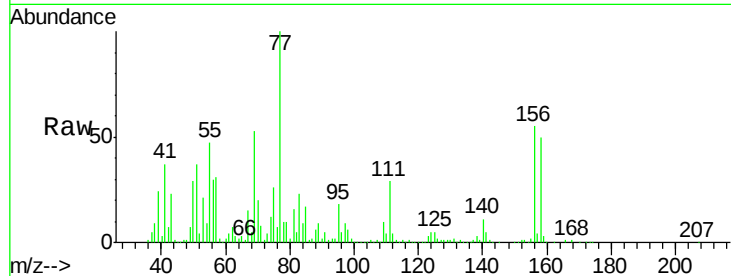
#77
Bromobenzene
Concen: 71.817 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ion	Ratio	Lower	Upper
395184	156	100		
	77	131.4	104.6	313.8
	158	58.1	48.0	144.0

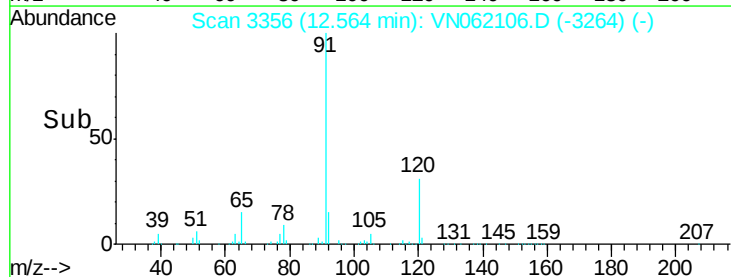
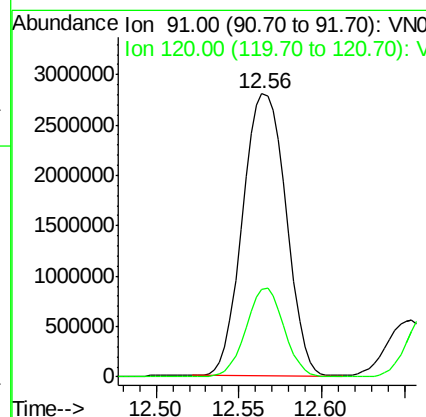
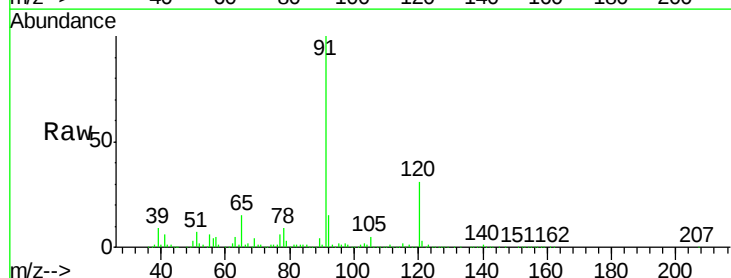
Manual Integrations
APPROVED

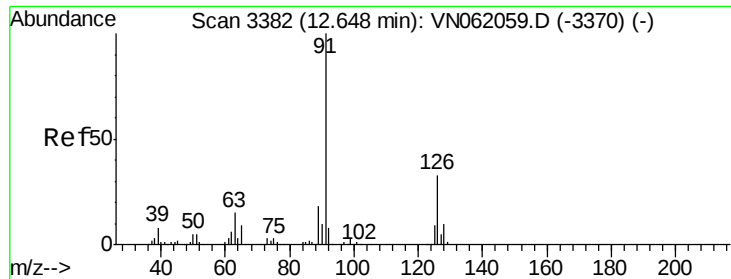
MMDadoda
6/26/2020 7:01:04 PM



#78
n-propylbenzene
Concen: 201.196 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ion	Ratio	Lower	Upper
5100826	91	100		
	120	27.5	11.4	34.1





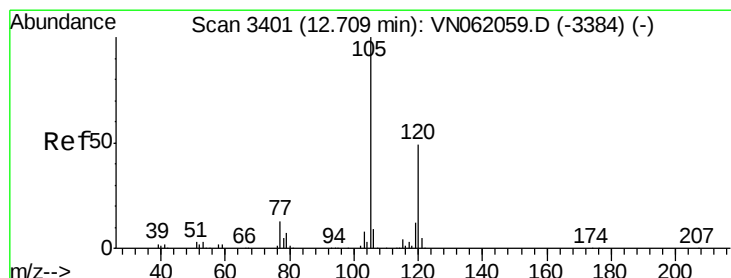
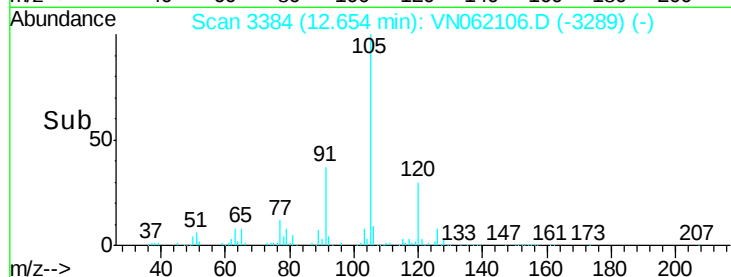
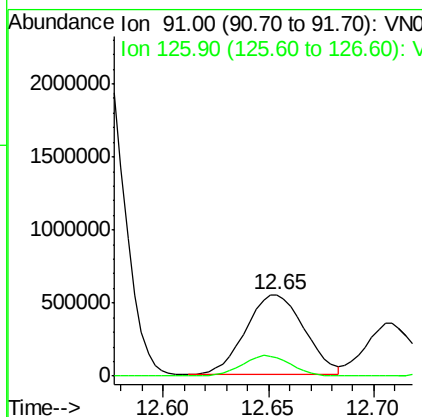
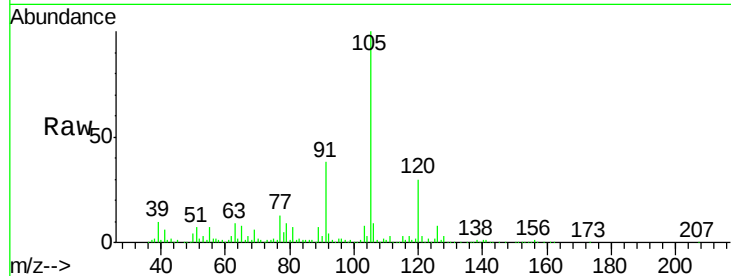
#79
2-Chlorotoluene
Concen: 69.026 ug/l
RT: 12.65 min Scan# 3384
Delta R.T. 0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 91 Resp: 1057952
Ion Ratio Lower Upper
91 100
126 21.8 16.9 50.7

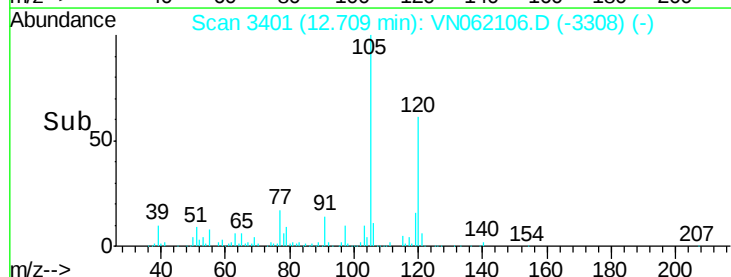
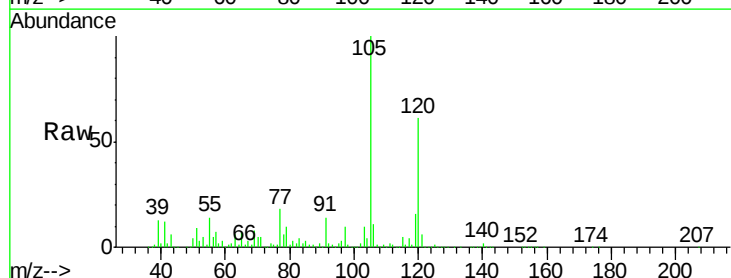
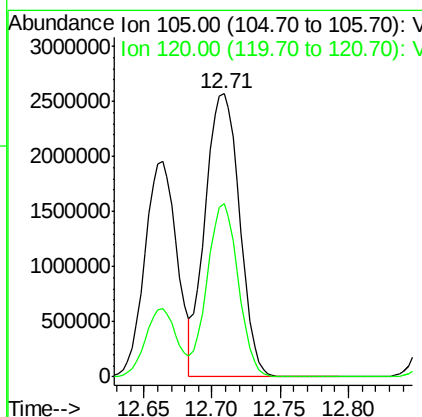
Manual Integrations
APPROVED

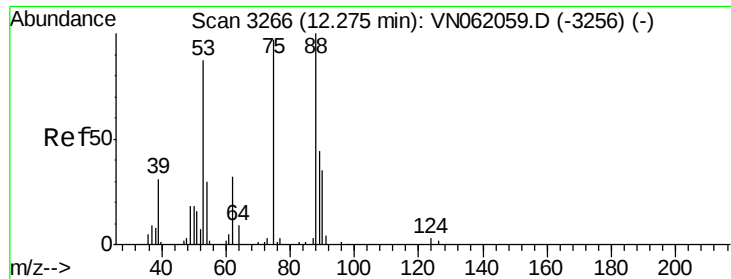
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 250.611 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion:105 Resp: 4502841
Ion Ratio Lower Upper
105 100
120 55.4 24.6 74.0





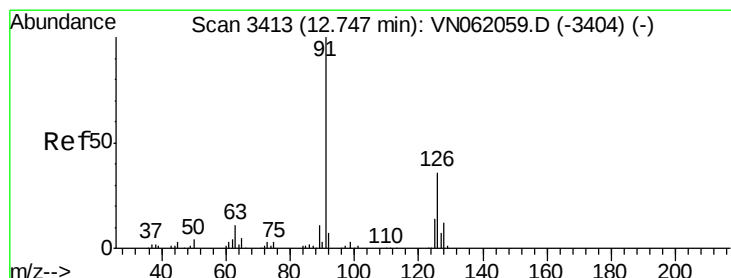
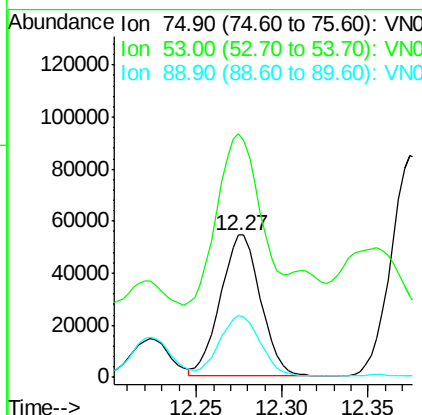
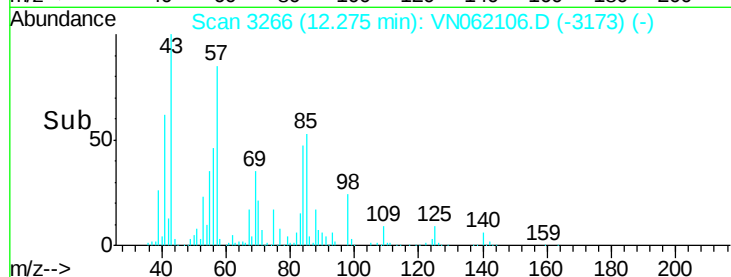
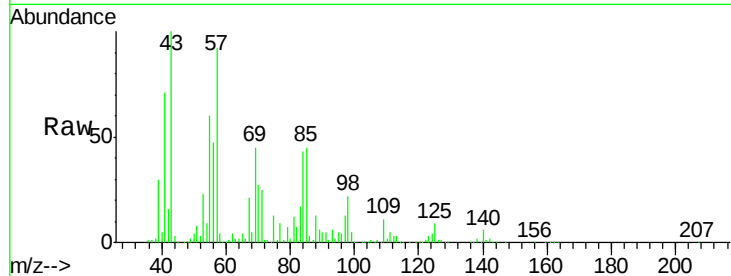
#81
trans-1,4-Dichloro-2-butene
Concen: 38.229 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	128.7	72.0	108.0#
89	44.0	36.9	55.3

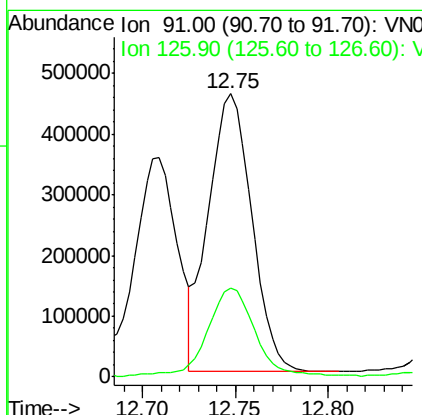
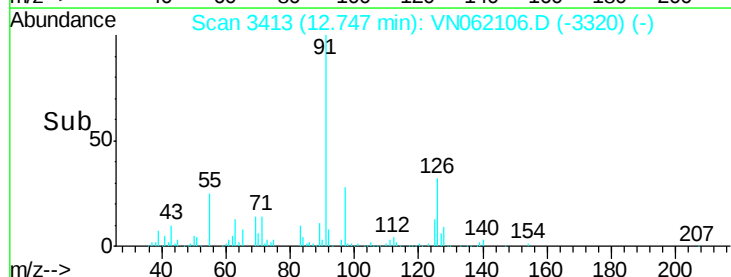
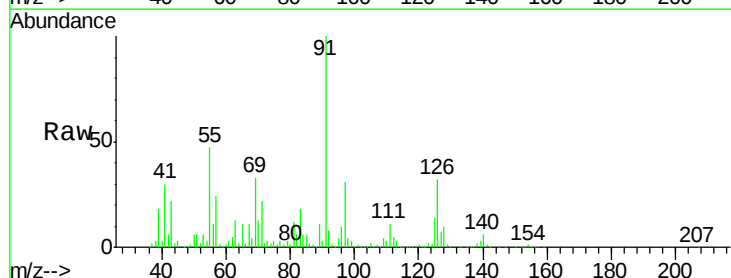
Manual Integrations
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6/26/2020 7:01:04 PM



#82
4-Chlorotoluene
Concen: 46.977 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.7	50.1





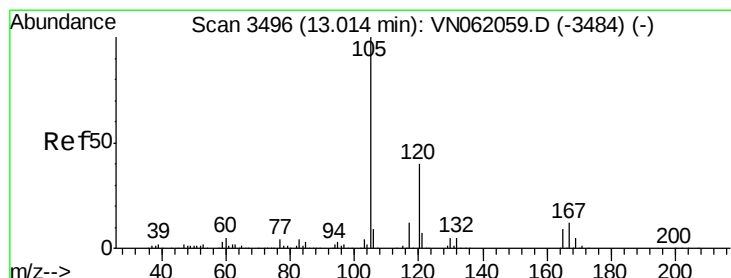
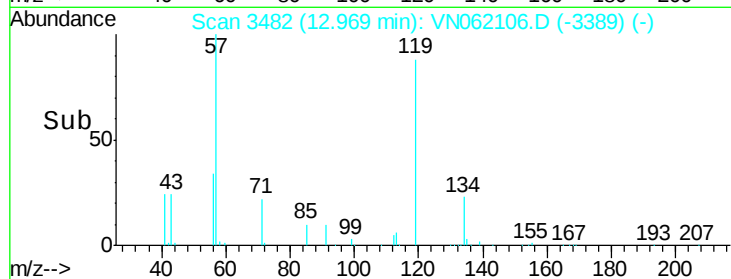
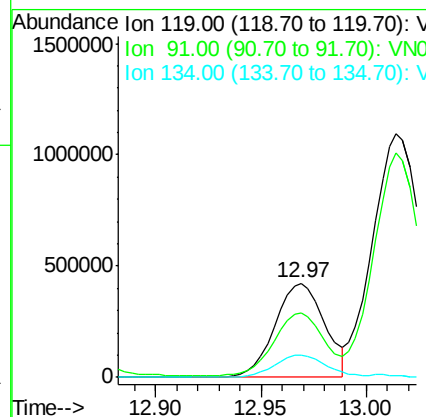
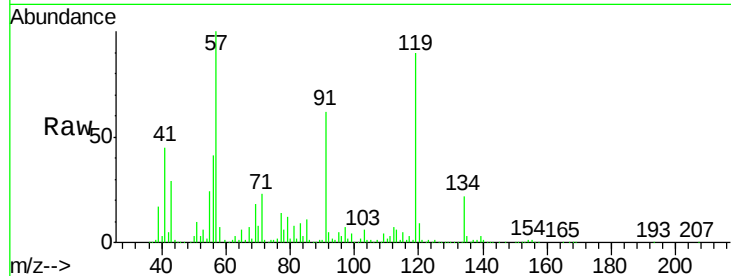
#83
tert-Butylbenzene
Concen: 45.143 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	31.7	95.1
134	25.0	13.1	39.1

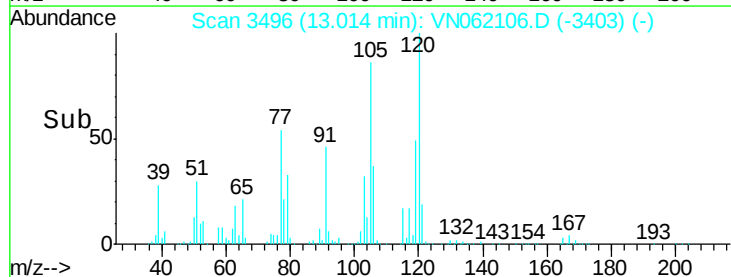
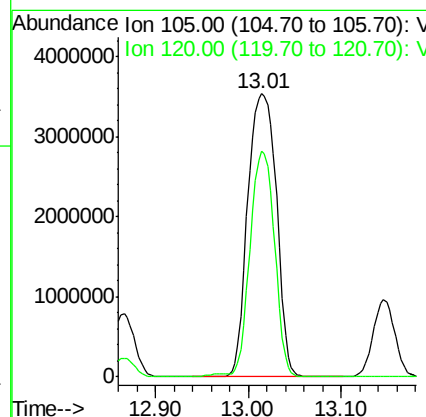
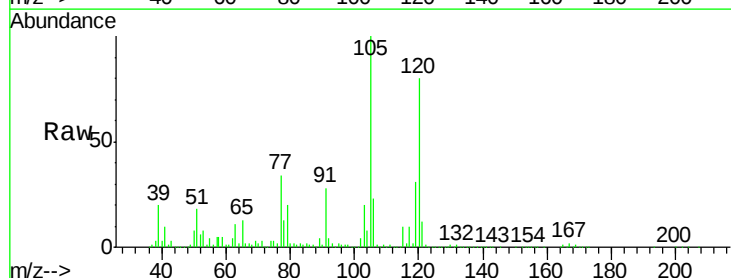
Manual Integrations
APPROVED

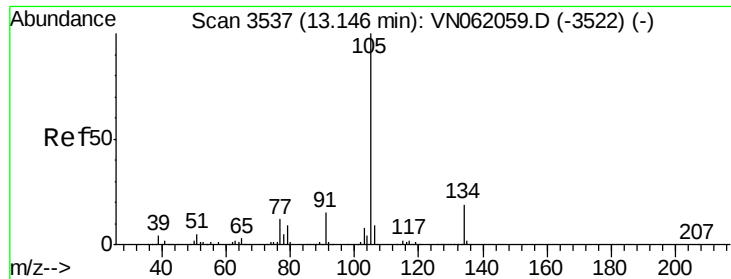
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#84
1,2,4-Trimethylbenzene
Concen: 423.204 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	68.1	23.2	69.5





#85

sec-Butylbenzene

Concen: 76.535 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:105 Resp: 1555062

Ion Ratio Lower Upper

105 100

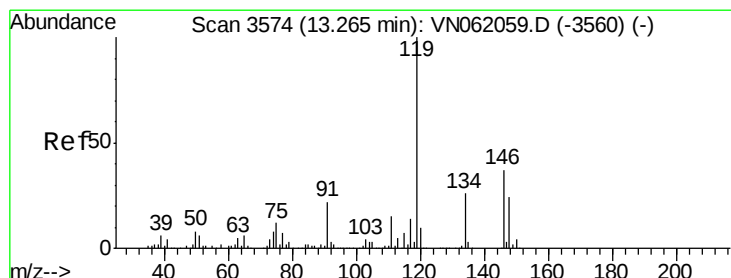
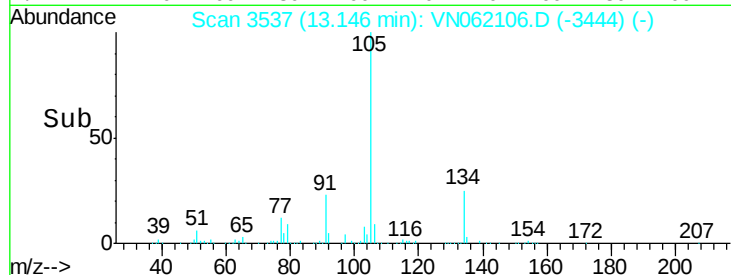
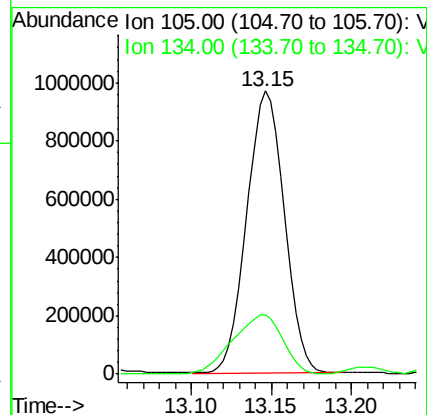
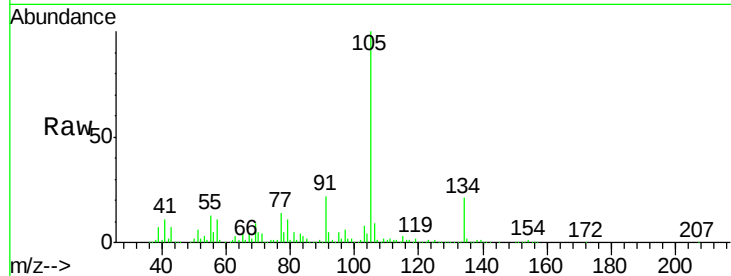
134 28.3 9.7 29.1

Manual Integrations

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6/26/2020 7:01:04 PM



#86

p-Isopropyltoluene

Concen: 65.167 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

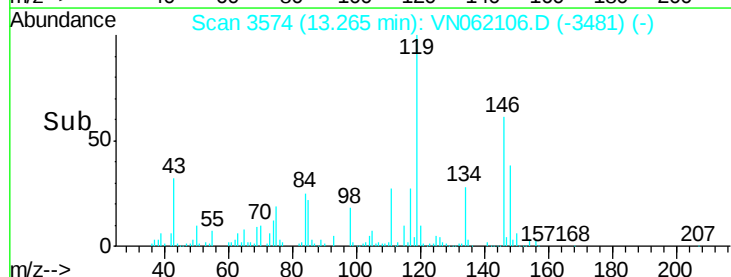
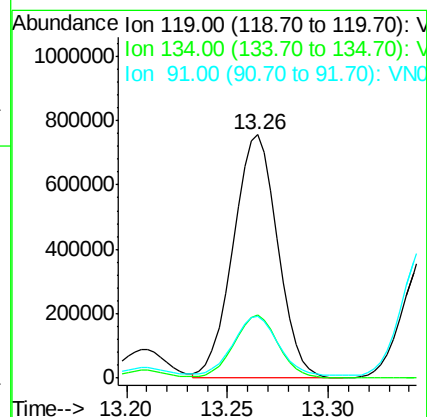
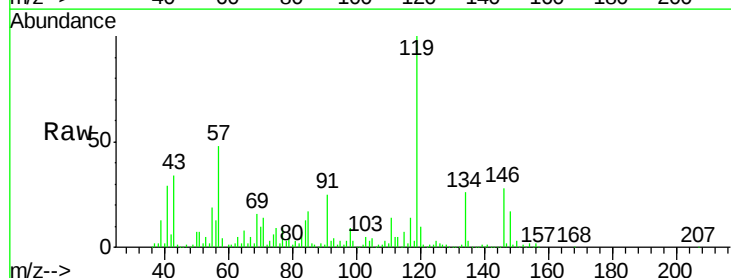
Tgt Ion:119 Resp: 1160051

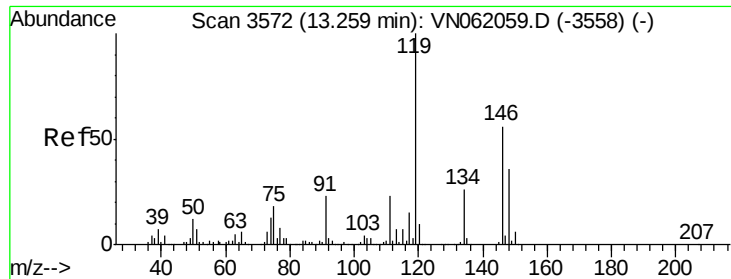
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.7 11.3 33.8





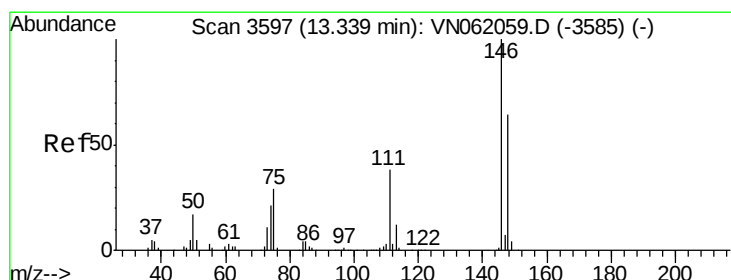
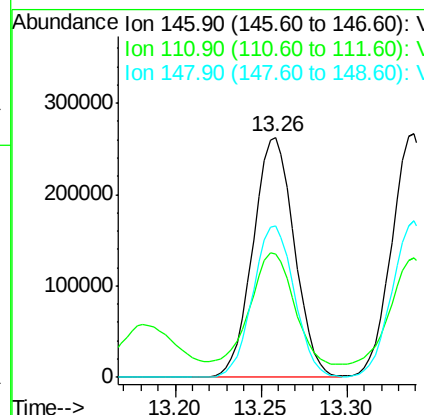
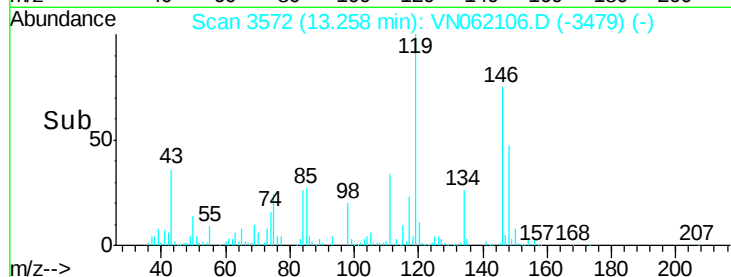
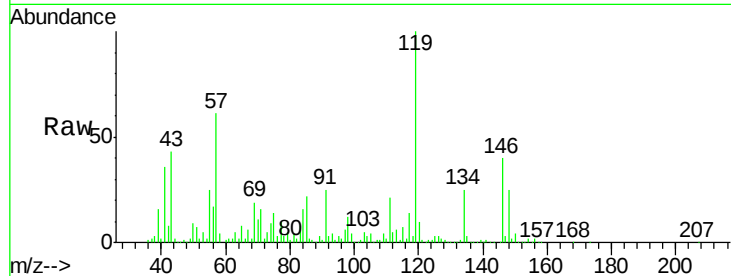
#87
 1,3-Dichlorobenzene
 Concen: 45.320 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.3	20.3	61.0
148	63.2	31.8	95.3

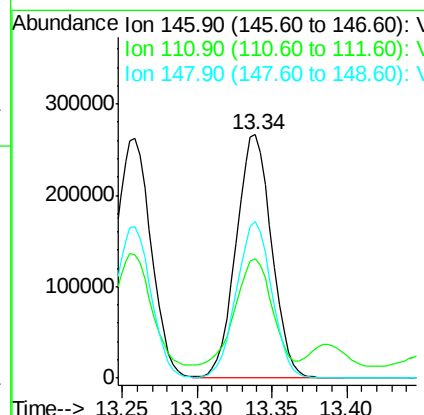
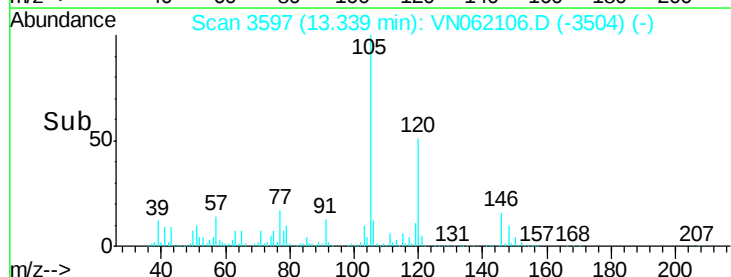
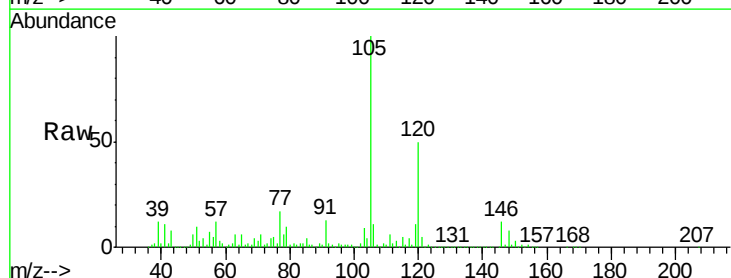
Manual Integrations
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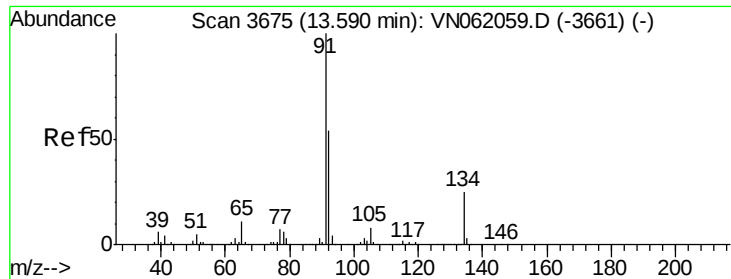
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#88
 1,4-Dichlorobenzene
 Concen: 44.145 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	19.9	59.6
148	64.4	31.9	95.9





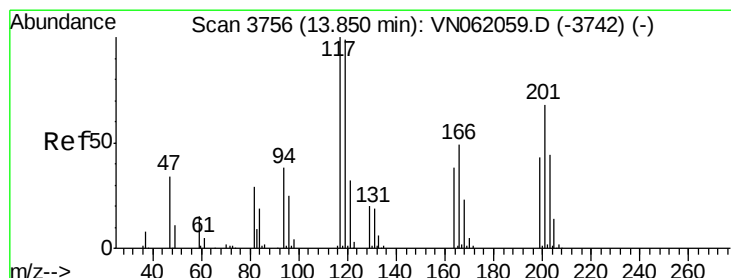
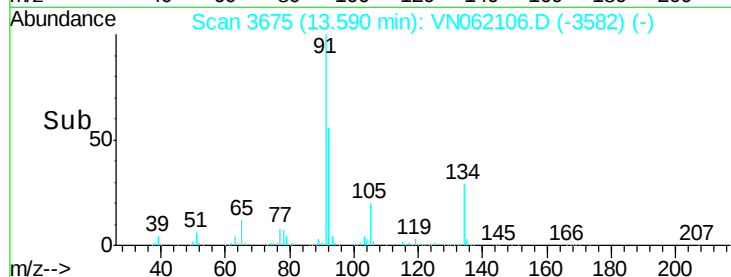
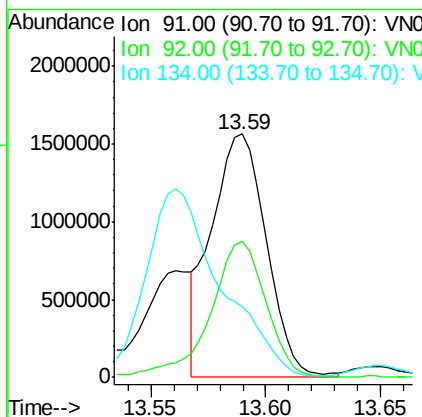
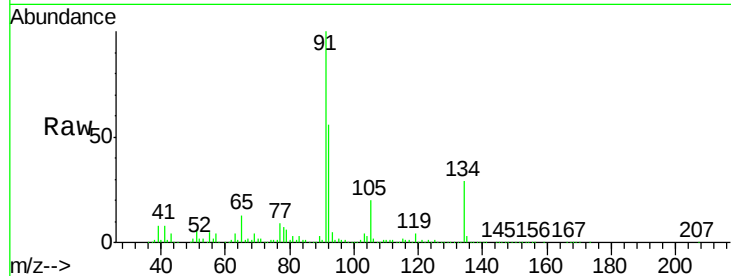
#89
n-Butylbenzene
Concen: 177.270 ug/l m
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 91 Resp: 2623525
Ion Ratio Lower Upper
91 100
92 55.3 26.6 79.7
134 0.0 12.3 36.9#

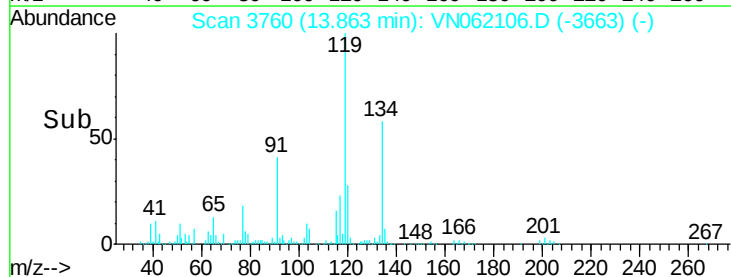
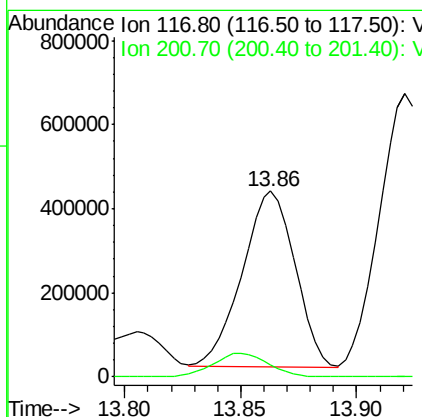
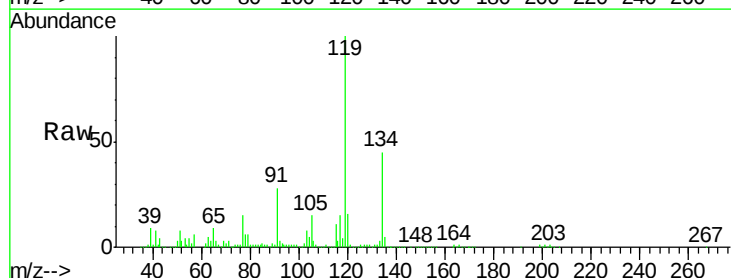
Manual Integrations
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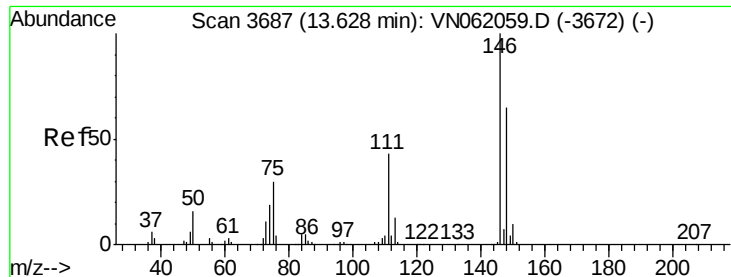
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#90
Hexachloroethane
Concen: 189.122 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 117 Resp: 660524
Ion Ratio Lower Upper
117 100
201 14.4 32.7 98.1#





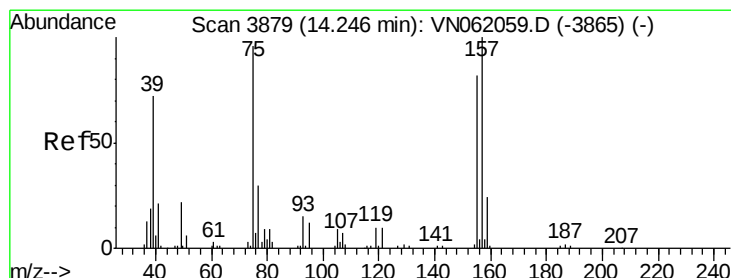
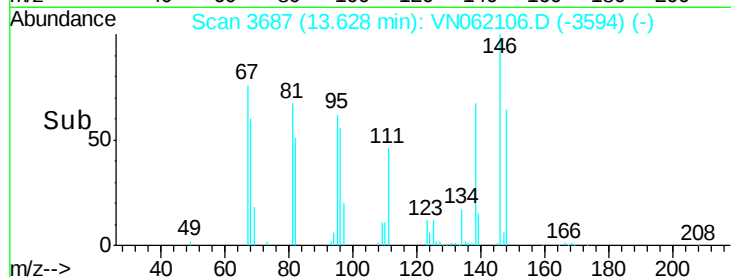
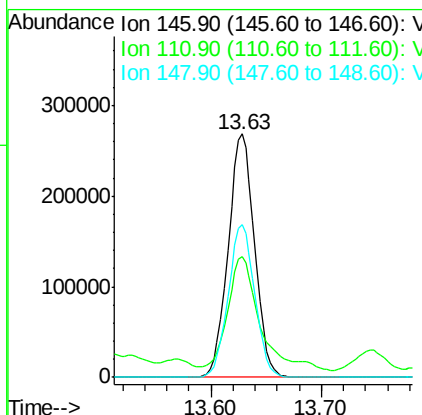
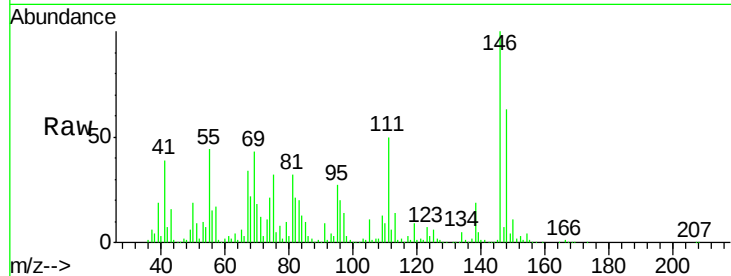
#91
 1,2-Dichlorobenzene
 Concen: 47.390 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	56.2	21.2	63.6
148	63.0	31.9	95.5

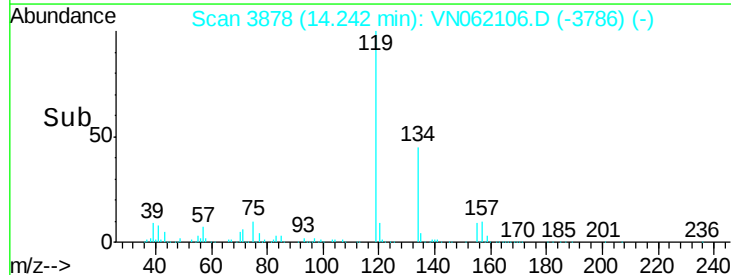
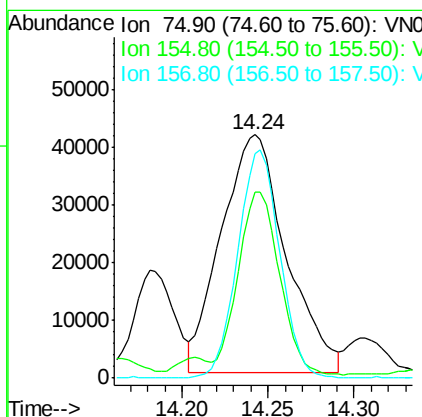
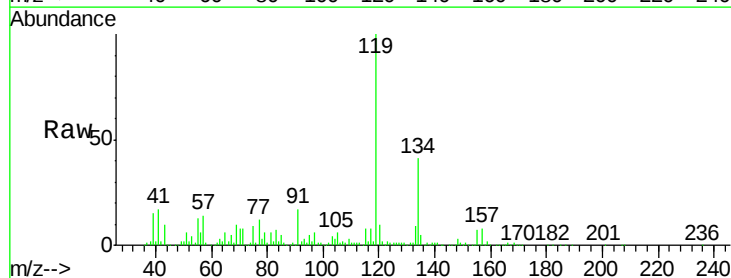
Manual Integrations
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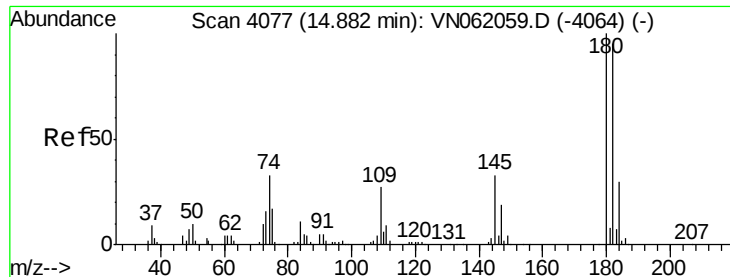
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 91.799 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	49.2	40.8	122.4
157	61.9	51.4	154.3





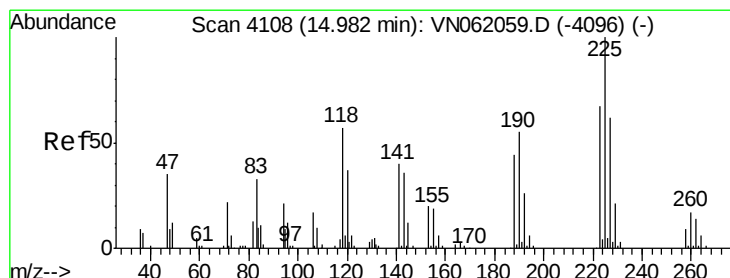
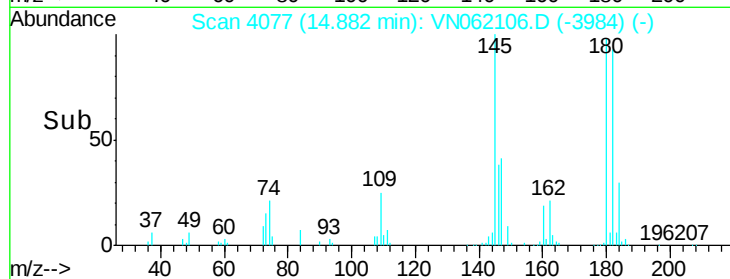
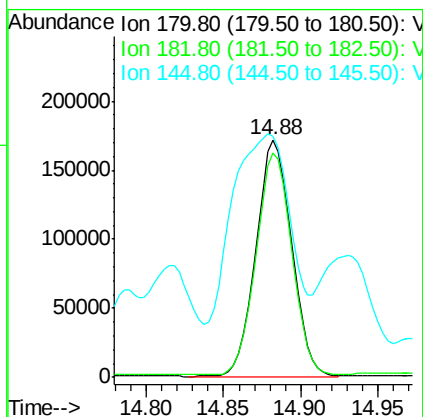
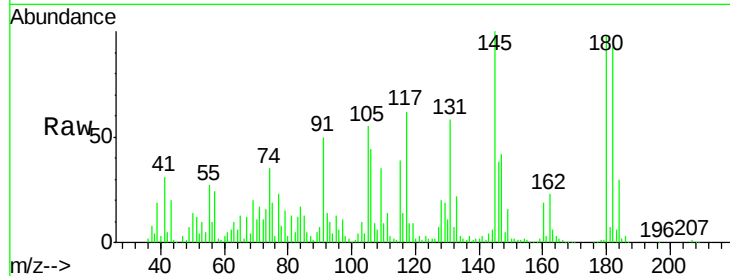
#93
 1,2,4-Trichlorobenzene
 Concen: 67.270 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.0	144.2
145	152.5	16.0	48.0#

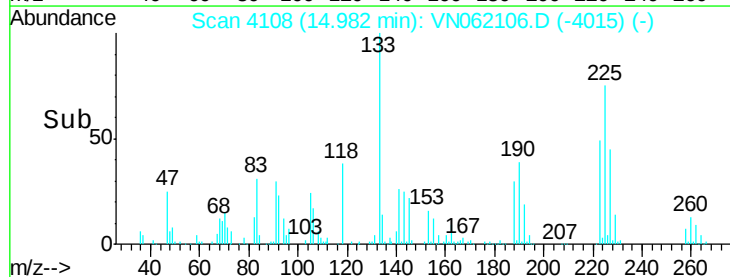
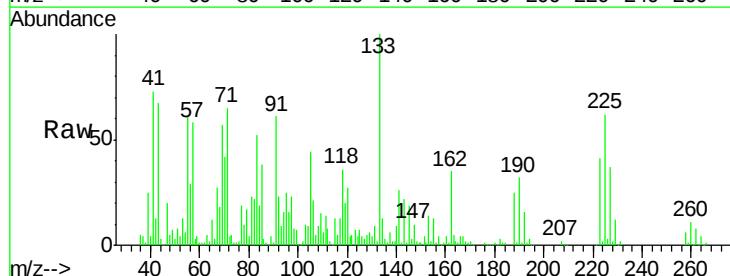
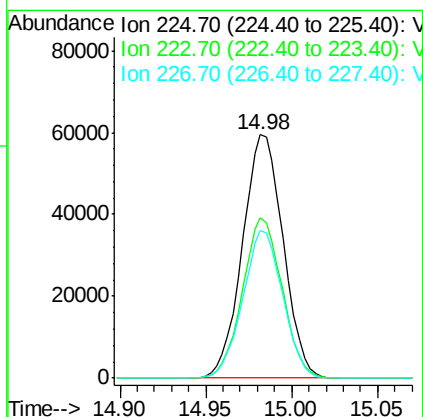
Manual Integrations
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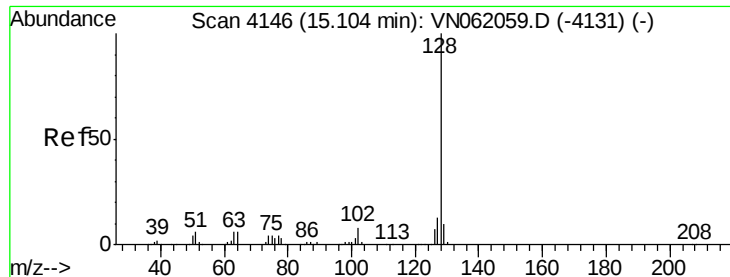
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#94
 Hexachlorobutadiene
 Concen: 54.767 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.9	98.7
227	59.4	31.3	93.8





#95

Naphthalene

Concen: 316.770 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:128 Resp: 4639404

Ion Ratio Lower Upper

128 100

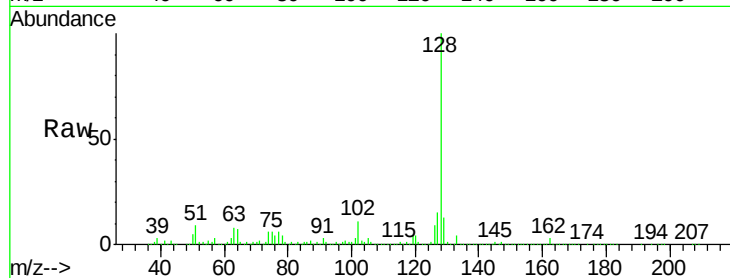
127 14.2 10.5 15.7

129 12.3 8.6 13.0

Manual Integrations
APPROVED

MMDadoda

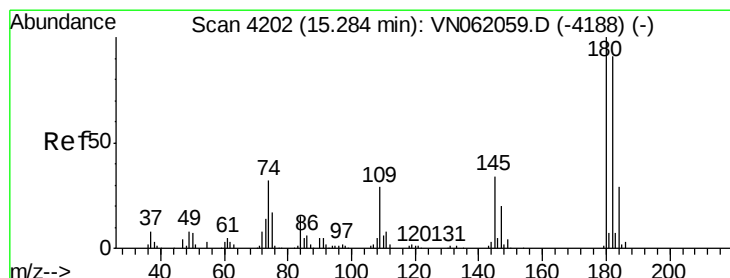
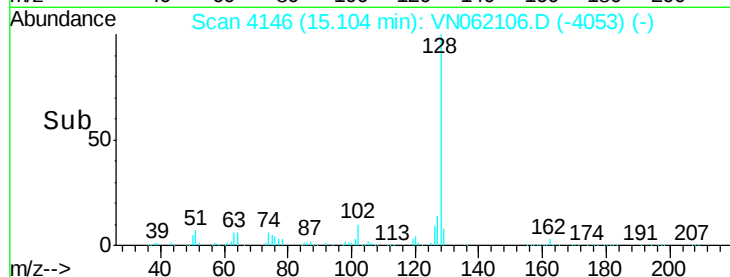
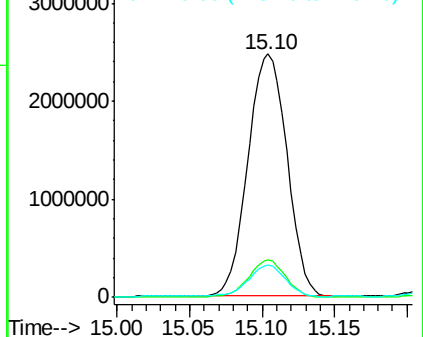
6/26/2020 7:01:04 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 64.444 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

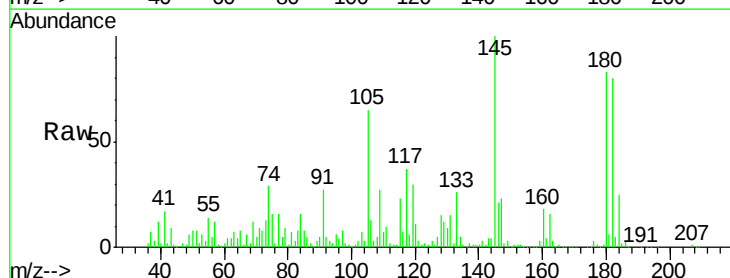
Tgt Ion:180 Resp: 269726

Ion Ratio Lower Upper

180 100

182 93.8 46.8 140.4

145 0.0 16.4 49.2#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

