

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062207.D
 Acq On : 30 Jun 2020 00:09
 Operator : JC/MD
 Sample : VN0629WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:42:31 AM

Quant Time: Jun 30 06:14:22 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	7.63	168	211235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	363414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	167748	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
35) Dibromofluoromethane	7.55	113	131691	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.06	98	523937	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.38	95	171478	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42533	17.814	ug/l	98
3) Chloromethane	2.03	50	56673	19.341	ug/l	100
4) Vinyl Chloride	2.16	62	68111	18.114	ug/l	99
5) Bromomethane	2.53	94	47991	19.748	ug/l	95
6) Chloroethane	2.67	64	47931	18.661	ug/l	96
7) Trichlorofluoromethane	2.98	101	82190	17.740	ug/l	99
8) Diethyl Ether	3.37	74	31684	19.584	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45222	18.639	ug/l	98
10) Methyl Iodide	3.91	142	53445	19.559	ug/l	99
11) Tert butyl alcohol	4.74	59	44563	104.703	ug/l	100
12) 1,1-Dichloroethene	3.70	96	45877	18.915	ug/l	96
13) Acrolein	3.57	56	39757	95.409	ug/l	100
14) Allyl chloride	4.27	41	66445	20.121	ug/l	98
15) Acrylonitrile	4.93	53	119603	103.123	ug/l	98
16) Acetone	3.78	43	97944	102.880	ug/l	96
17) Carbon Disulfide	4.01	76	129740	18.707	ug/l	98
18) Methyl Acetate	4.28	43	48789	20.704	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	155665	20.085	ug/l	99
20) Methylene Chloride	4.50	84	57780	21.108	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	49973	18.086	ug/l	95
22) Diisopropyl ether	5.90	45	152305	20.256	ug/l	94
23) Vinyl Acetate	5.84	43	623111	101.504	ug/l	99
24) 1,1-Dichloroethane	5.80	63	95705	19.767	ug/l	99
25) 2-Butanone	6.79	43	149964	103.500	ug/l	99
26) 2,2-Dichloropropane	6.78	77	66955	16.595	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	58722	18.886	ug/l	100
28) Bromochloromethane	7.15	49	41483	19.747	ug/l	97
29) Tetrahydrofuran	7.17	42	98997	104.304	ug/l	100
30) Chloroform	7.33	83	96955	19.682	ug/l	99
31) Cyclohexane	7.62	56	79699	19.460	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	80445	19.364	ug/l	99
36) 1,1-Dichloropropene	7.75	75	70513	17.824	ug/l	98
37) Ethyl Acetate	6.88	43	66382	20.264	ug/l	99
38) Carbon Tetrachloride	7.73	117	66523	17.836	ug/l	98

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75293	17.370	ug/l	97
40) Benzene	8.00	78	220821	18.313	ug/l	99
41) Methacrylonitrile	7.14	41	28580m	18.819	ug/l	
42) 1,2-Dichloroethane	8.09	62	75474	18.526	ug/l	100
43) Isopropyl Acetate	8.13	43	103610	19.402	ug/l	98
44) Trichloroethene	8.80	130	54239	17.832	ug/l	99
45) 1,2-Dichloropropane	9.09	63	57506	19.331	ug/l	97
46) Dibromomethane	9.18	93	36729	18.211	ug/l	99
47) Bromodichloromethane	9.37	83	76806	18.860	ug/l	99
48) Methyl methacrylate	9.17	41	46565	19.448	ug/l	96
49) 1,4-Dioxane	9.17	88	20089	378.336	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	317168	101.655	ug/l	99
52) Toluene	10.12	92	136484	18.551	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	79617	17.770	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	86617	18.159	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	56814	19.645	ug/l	98
56) Ethyl methacrylate	10.40	69	72735	18.845	ug/l	98
57) 1,3-Dichloropropane	10.68	76	94654	19.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	136929	94.065	ug/l	98
59) 2-Hexanone	10.72	43	225965	100.297	ug/l	98
60) Dibromochloromethane	10.87	129	55313	18.065	ug/l	100
61) 1,2-Dibromoethane	10.98	107	54216	18.245	ug/l	98
64) Tetrachloroethene	10.60	164	42377	17.071	ug/l	95
65) Chlorobenzene	11.40	112	145641	18.249	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	51006	18.483	ug/l	99
67) Ethyl Benzene	11.48	91	247810	18.386	ug/l	100
68) m/p-Xylenes	11.60	106	188313	36.123	ug/l	98
69) o-Xylene	11.92	106	89392	18.174	ug/l	96
70) Styrene	11.94	104	149371	18.209	ug/l	100
71) Bromoform	12.10	173	35069	17.873	ug/l #	99
73) Isopropylbenzene	12.22	105	236325	19.266	ug/l	99
74) N-amyl acetate	12.05	43	80678	20.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81556	19.979	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	73459m	19.692	ug/l	
77) Bromobenzene	12.50	156	57420	18.855	ug/l	96
78) n-propylbenzene	12.57	91	275013	19.600	ug/l	98
79) 2-Chlorotoluene	12.65	91	164494	19.392	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	196432	19.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	22641	17.724	ug/l	97
82) 4-Chlorotoluene	12.75	91	166339	18.963	ug/l	100
83) tert-Butylbenzene	12.97	119	164752	19.360	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	194837	19.618	ug/l	98
85) sec-Butylbenzene	13.15	105	221010	19.654	ug/l	99
86) p-Isopropyltoluene	13.26	119	190848	19.371	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	96995	18.138	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	98431	17.856	ug/l	98
89) n-Butylbenzene	13.59	91	148261	18.101	ug/l	99
90) Hexachloroethane	13.85	117	38163	19.743	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	96389	18.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12954	19.810	ug/l	99

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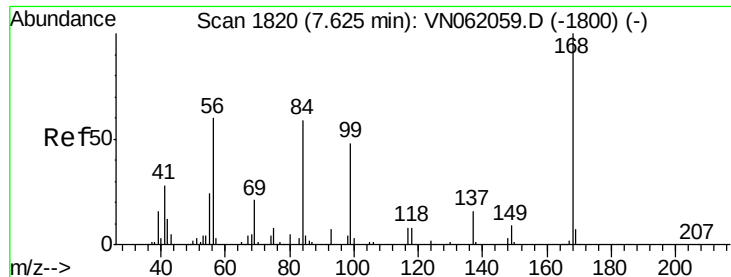
Manual Integrations
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QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39176	17.293	ug/l	99
94) Hexachlorobutadiene	14.99	225	19777	20.100	ug/l	99
95) Naphthalene	15.11	128	111475	17.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	40690	17.566	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion:168 Resp: 211235

Ion Ratio Lower Upper

168 100

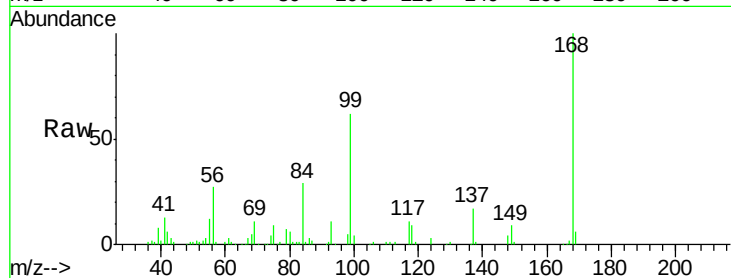
99 61.5 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

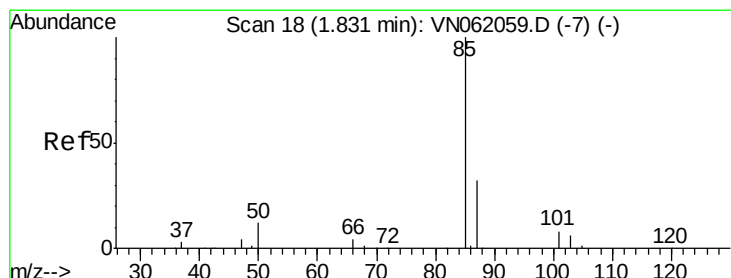
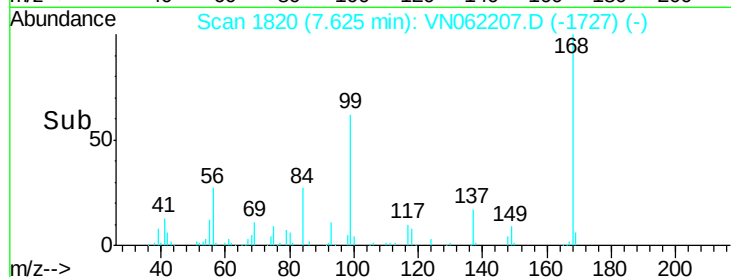
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.814 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062207.D

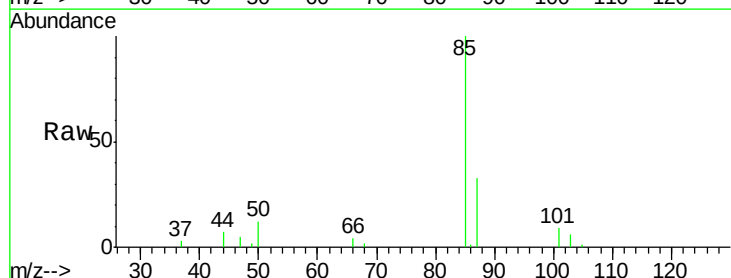
Acq: 30 Jun 2020 00:09

Tgt Ion: 85 Resp: 42533

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

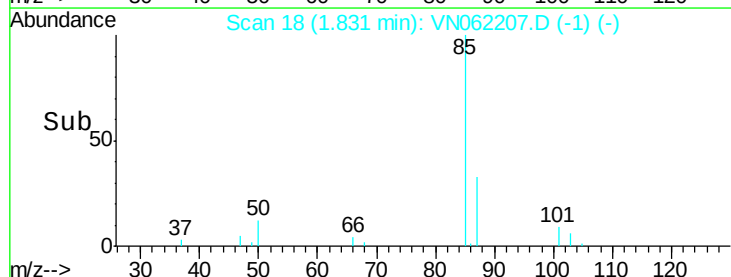
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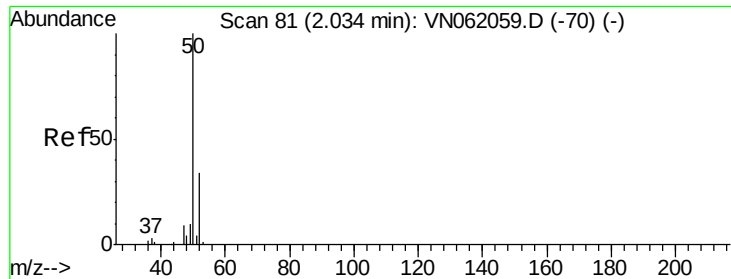
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.341 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion: 50 Resp: 56673

Ion Ratio Lower Upper

50 100

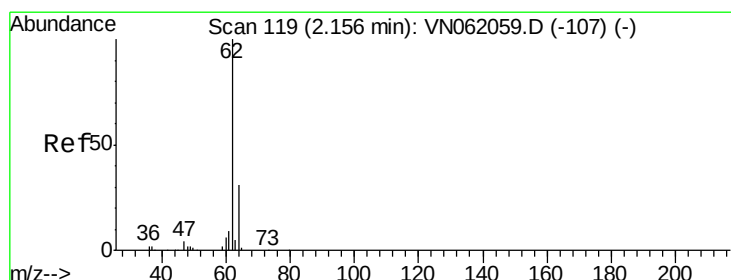
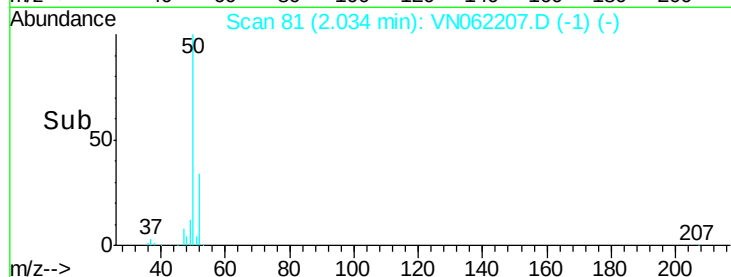
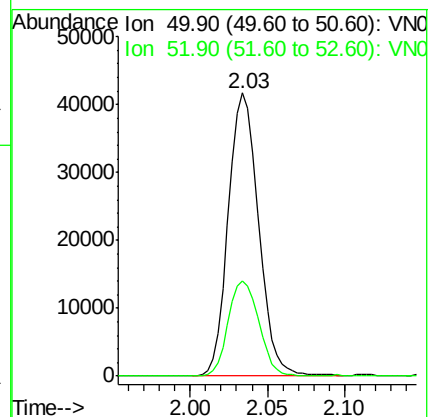
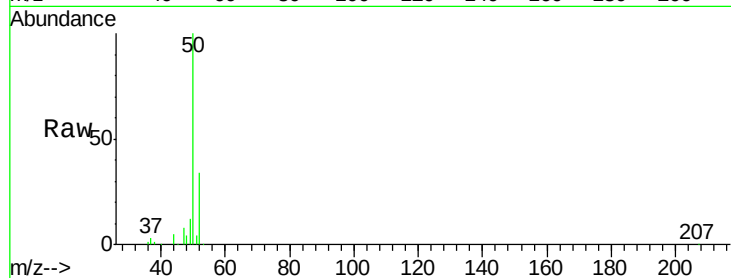
52 33.6 27.0 40.6

Manual Integrations

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6/30/2020 10:42:31 AM



#4

Vinyl Chloride

Concen: 18.114 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062207.D

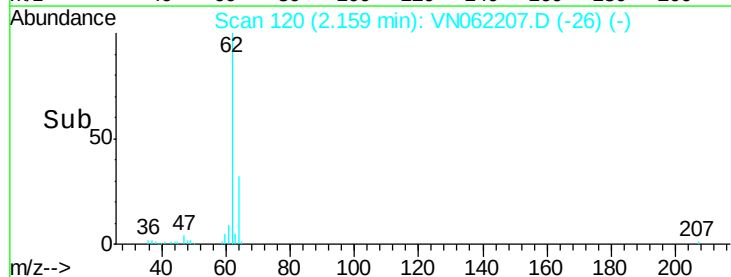
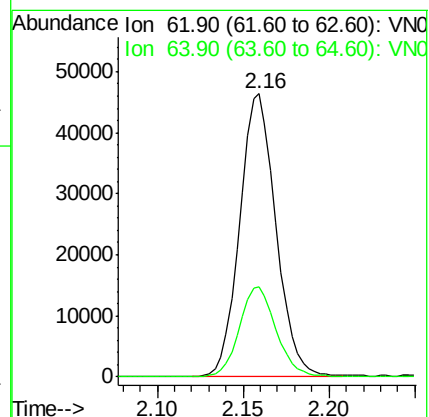
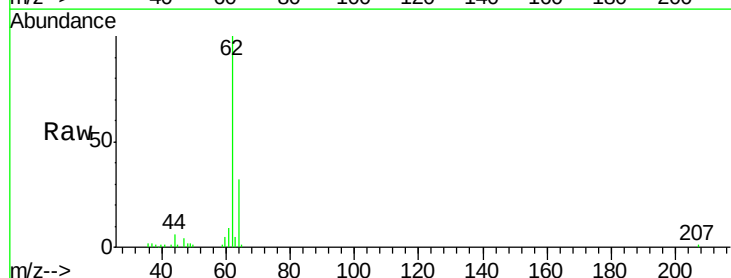
Acq: 30 Jun 2020 00:09

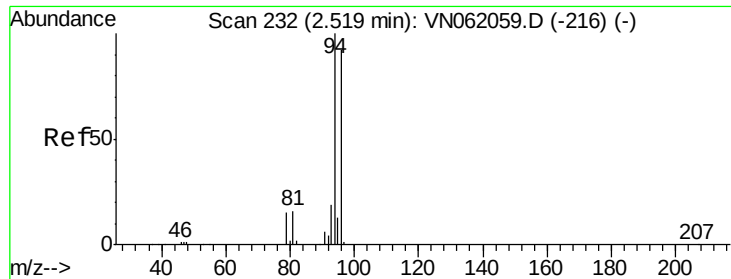
Tgt Ion: 62 Resp: 68111

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 19.748 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion: 94 Resp: 47991

Ion Ratio Lower Upper

94 100

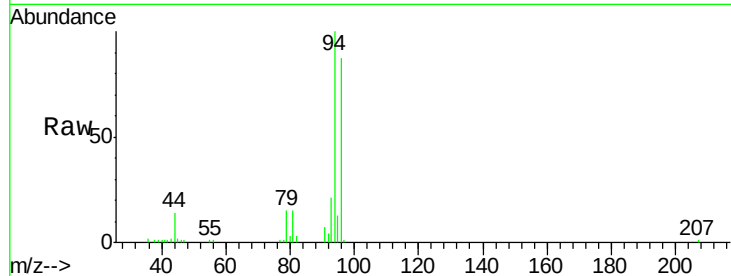
96 87.3 73.4 110.2

Manual Integrations

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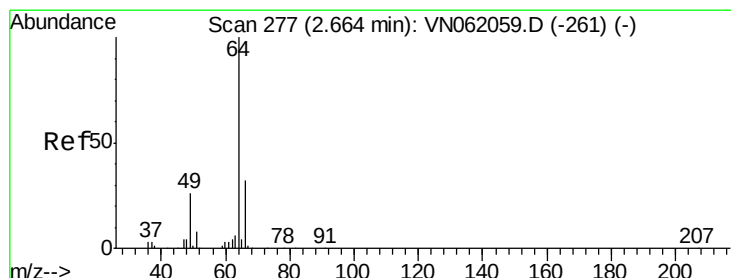
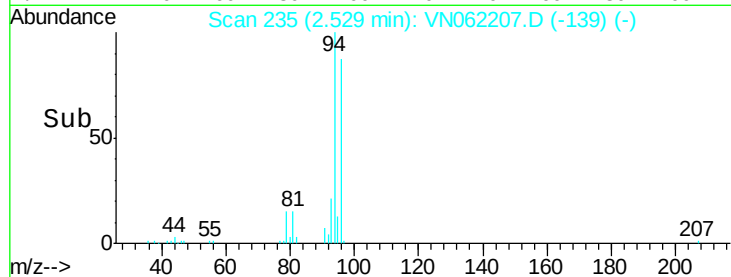
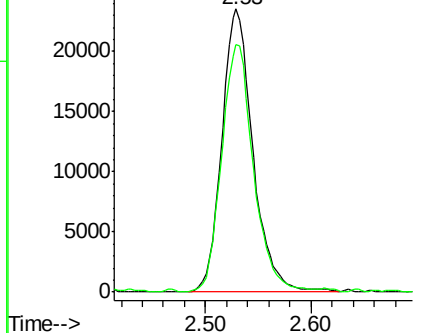
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.661 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062207.D

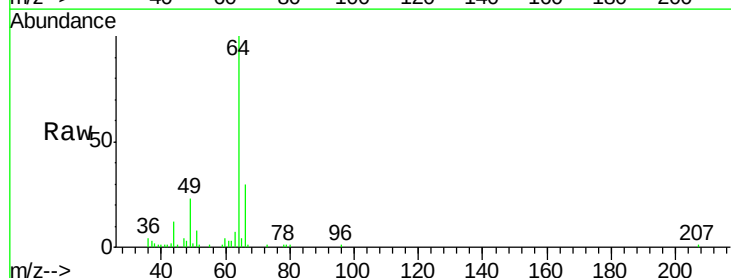
Acq: 30 Jun 2020 00:09

Tgt Ion: 64 Resp: 47931

Ion Ratio Lower Upper

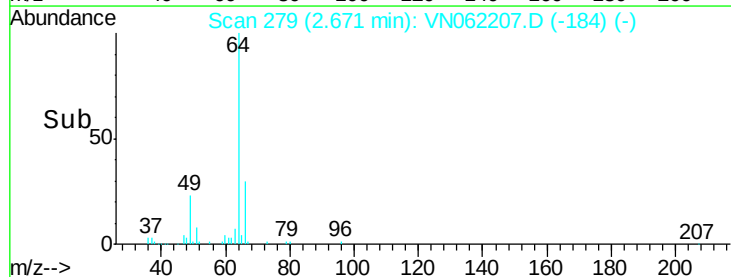
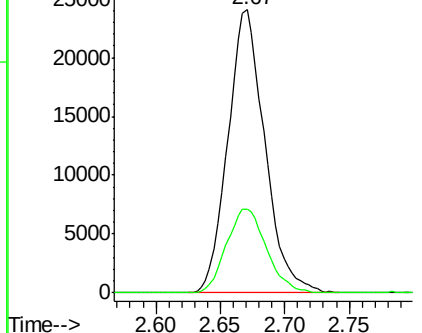
64 100

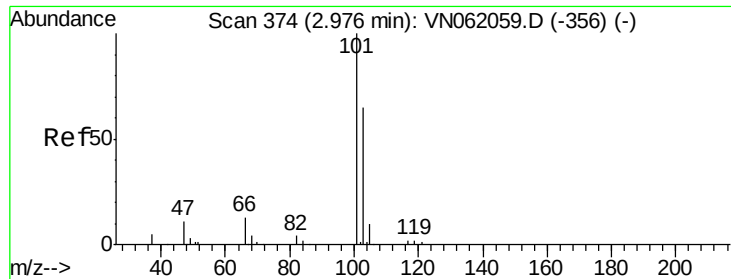
66 29.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

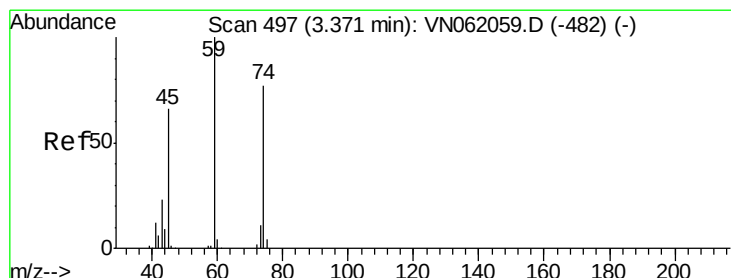
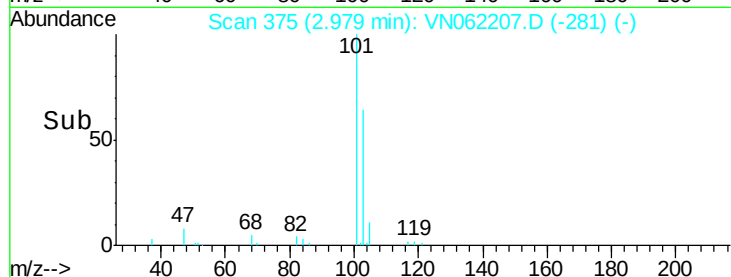
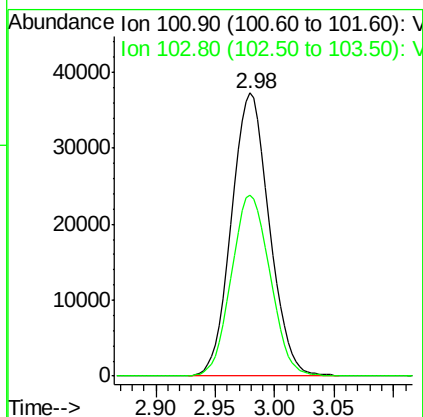
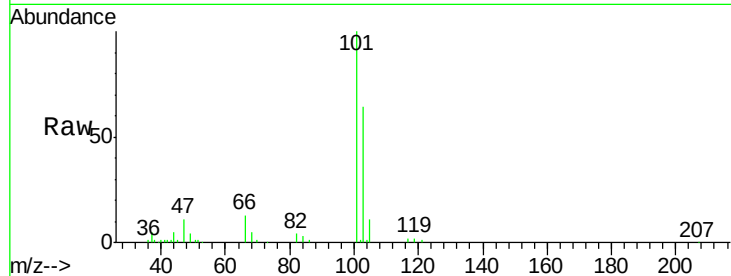
Trichlorofluoromethane
Concen: 17.740 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
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ClientSampled :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.8	77.6

Manual Integrations
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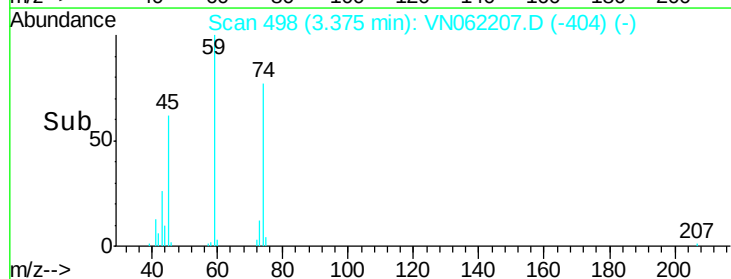
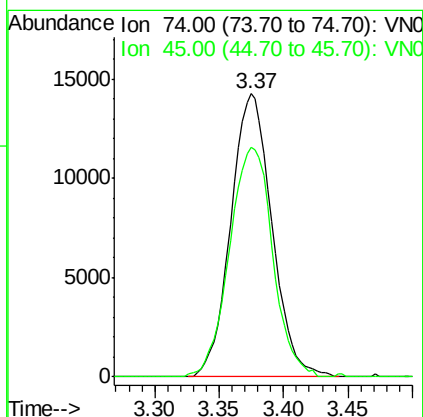
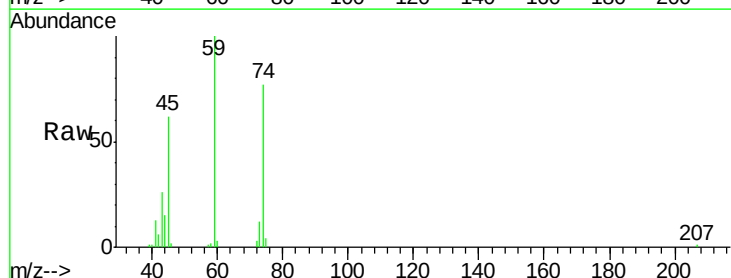
MMDadoda
6/30/2020 10:42:31 AM

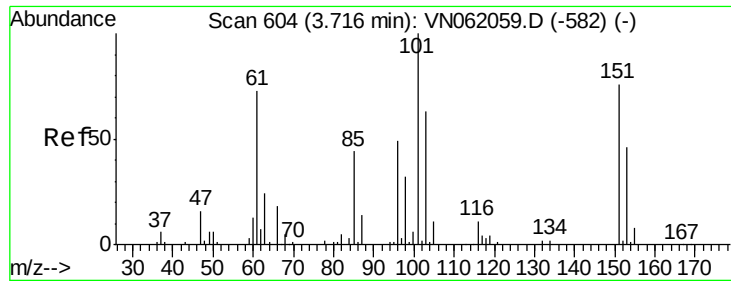


#8

Diethyl Ether
Concen: 19.584 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.1	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.639 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

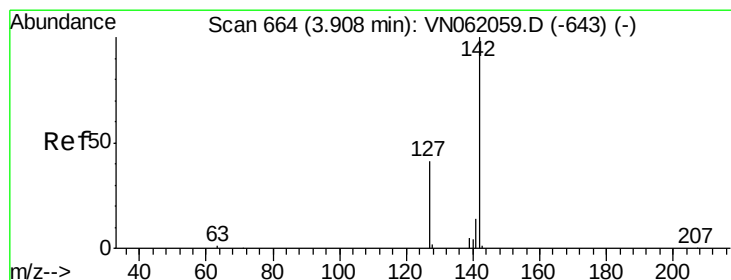
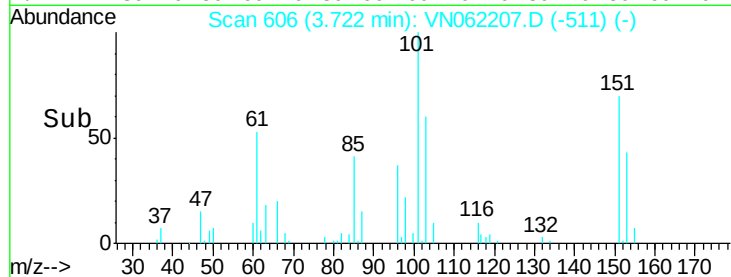
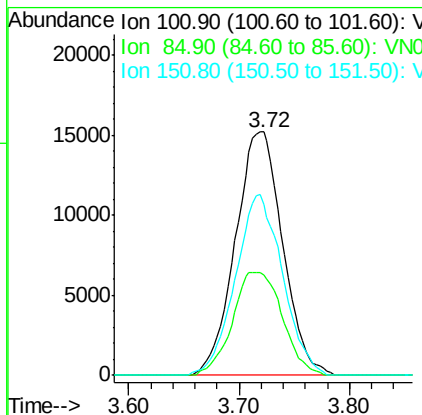
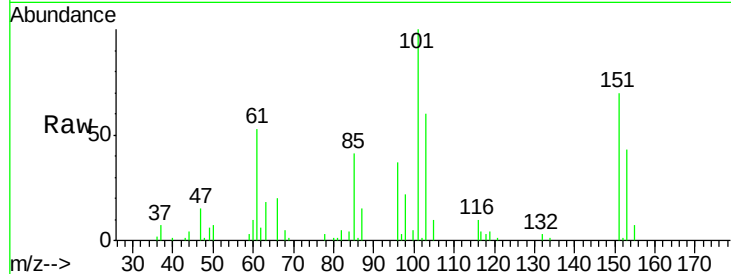
ClientSampleId :

VN0629WBS02

Tot Ion:	101	Resp:	45222
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.5	51.7
151	73.9	57.8	86.8

Manual Integrations
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6/30/2020 10:42:31 AM



#10

Methyl Iodide

Concen: 19.559 ug/l

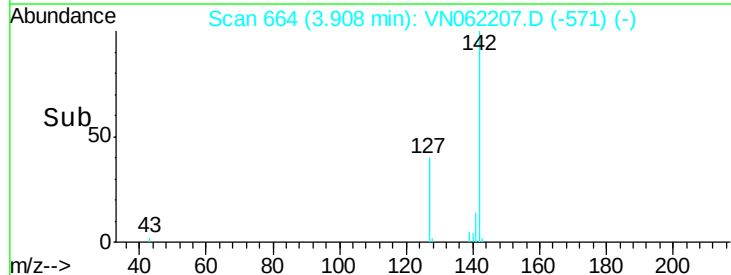
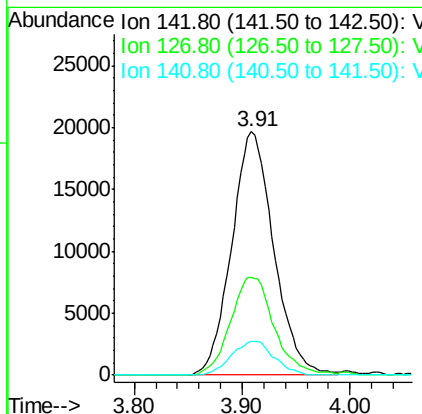
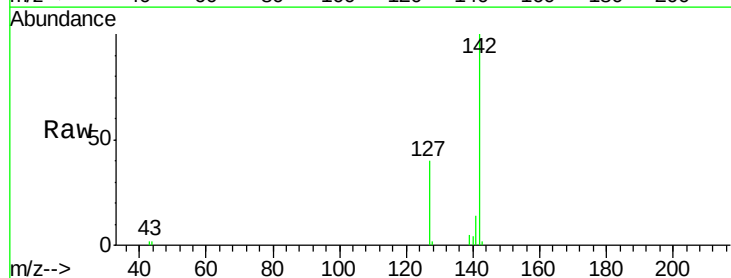
RT: 3.91 min Scan# 664

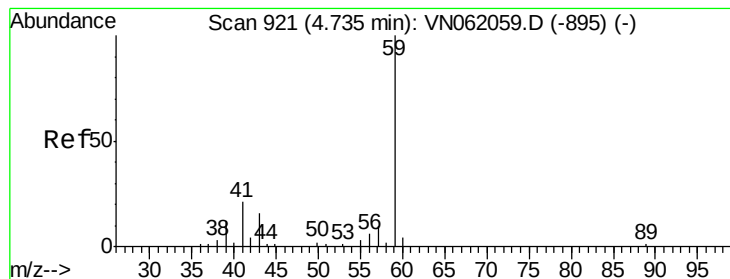
Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion:	142	Resp:	53445
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.6	50.4
141	14.1	11.3	16.9





#11

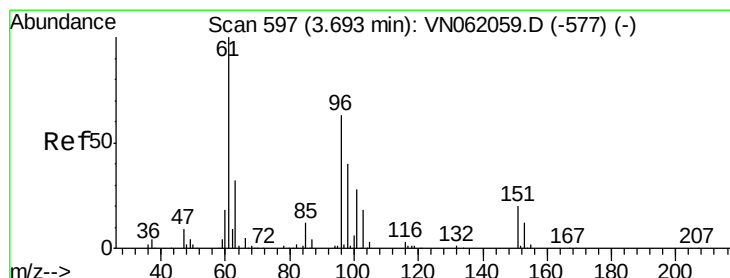
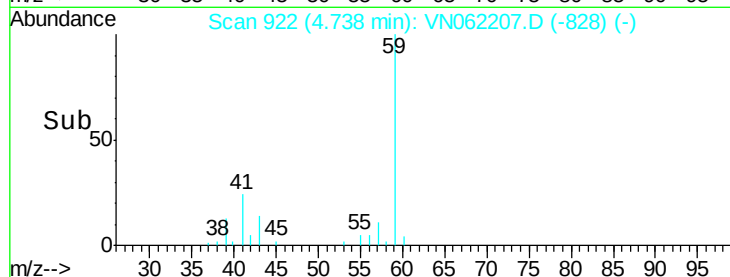
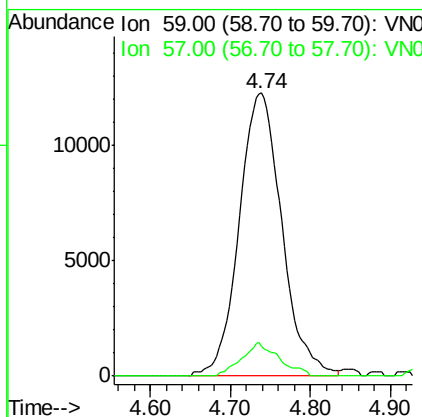
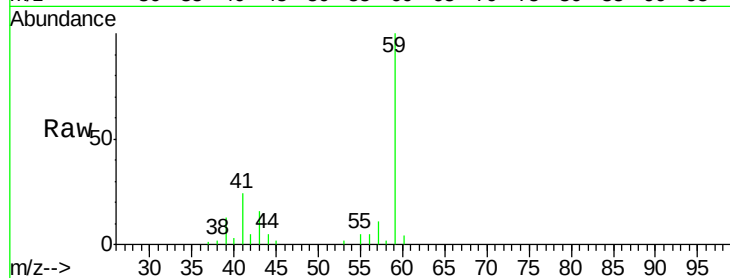
Tert butyl alcohol
 Concen: 104.703 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

Manual Integrations
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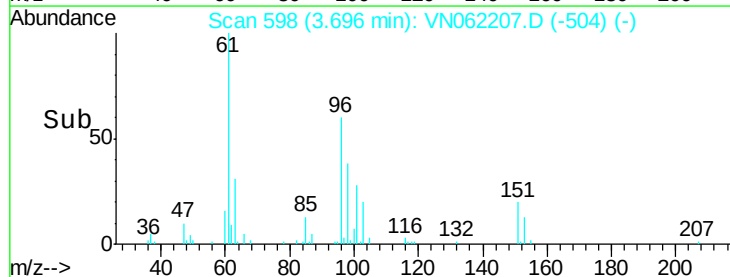
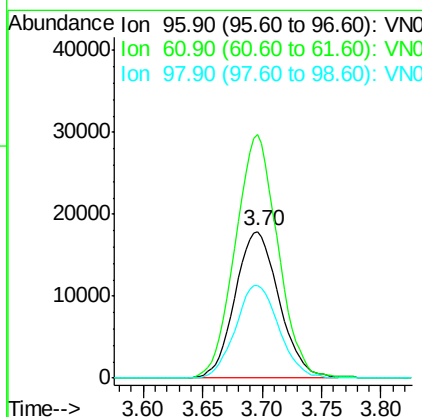
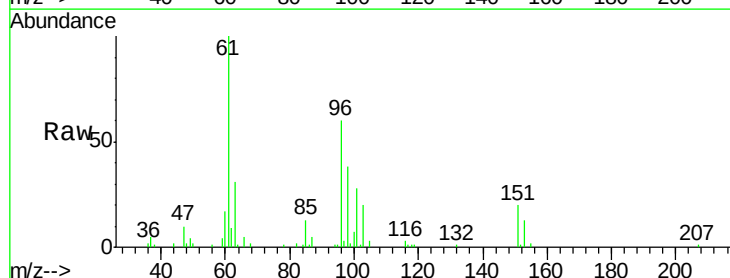
MMDadoda
 6/30/2020 10:42:31 AM

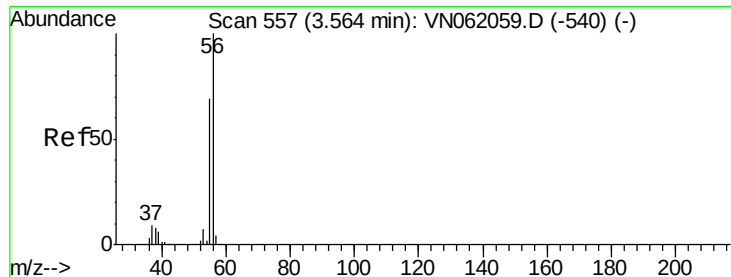


#12

1,1-Dichloroethene
 Concen: 18.915 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.9	126.7	190.1
98	62.9	51.0	76.4





#13

Acrolein

Concen: 95.409 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion: 56 Resp: 39757

Ion Ratio Lower Upper

56 100

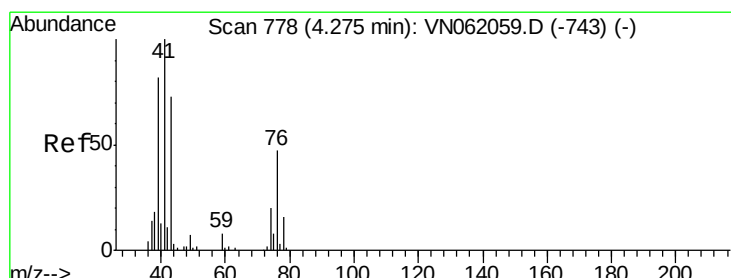
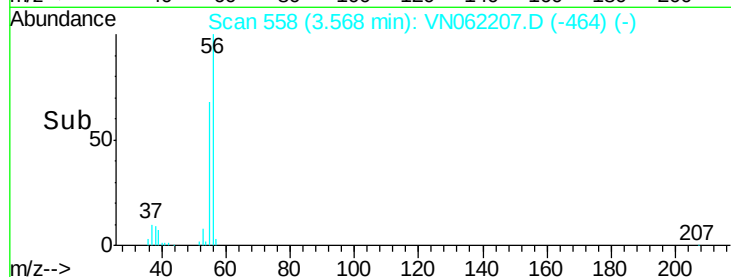
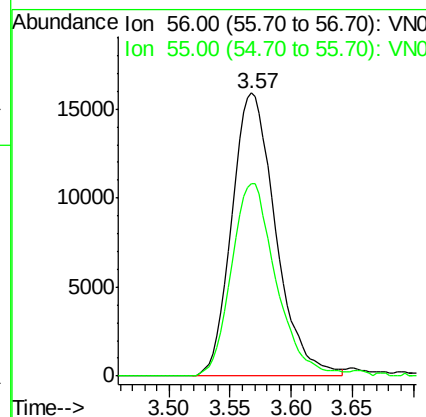
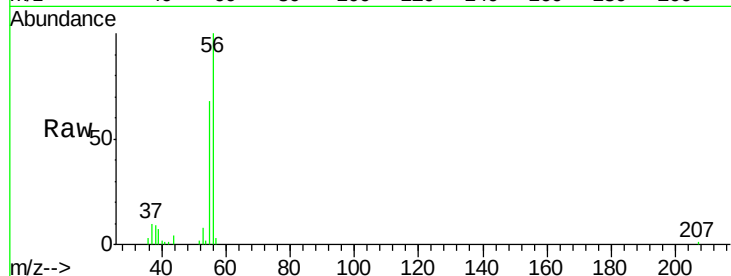
55 69.2 55.5 83.3

Manual Integrations

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6/30/2020 10:42:31 AM



#14

Allyl chloride

Concen: 20.121 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

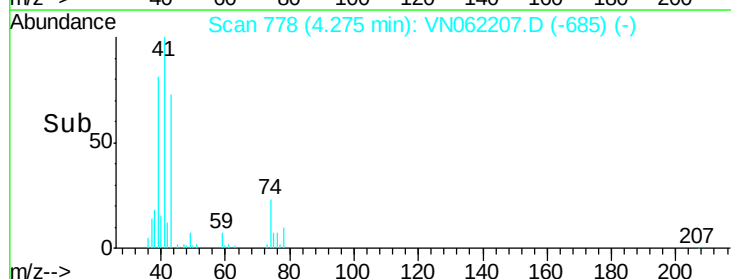
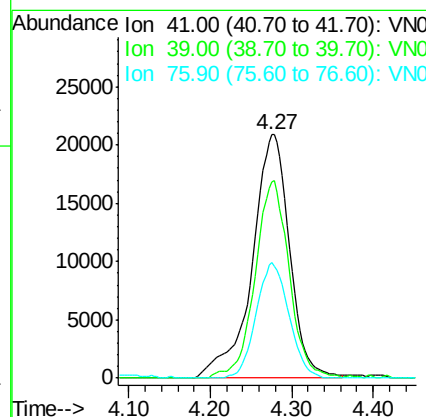
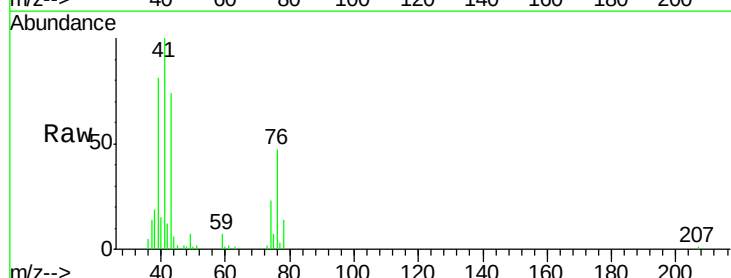
Tgt Ion: 41 Resp: 66445

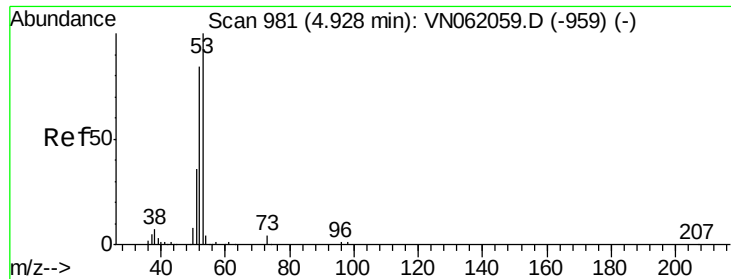
Ion Ratio Lower Upper

41 100

39 73.8 60.0 90.0

76 41.3 34.1 51.1





#15

Acrylonitrile

Concen: 103.123 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

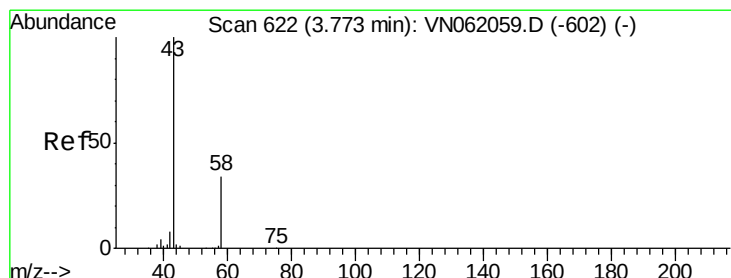
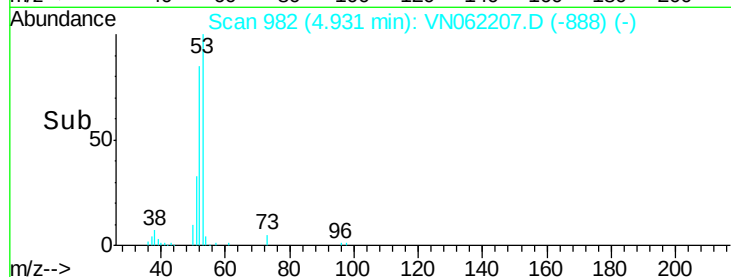
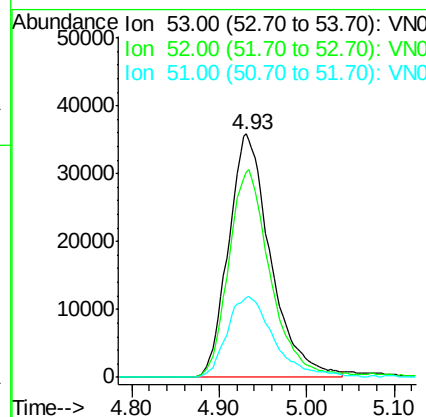
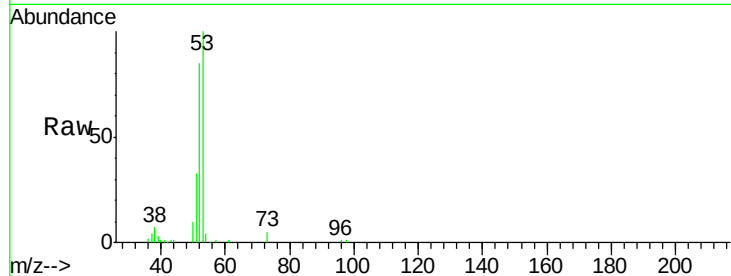
ClientSampleId :

VN0629WBS02

Tot Ion:	53	Resp:	119603
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.2	99.4
51	37.1	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 102.880 ug/l

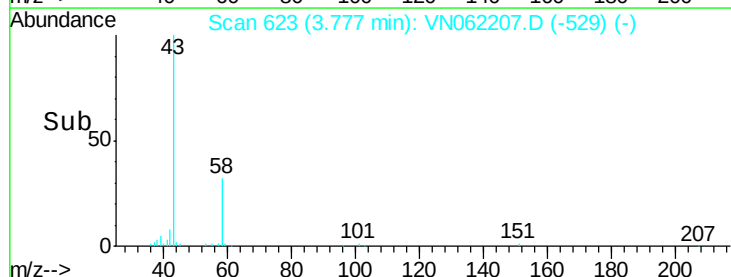
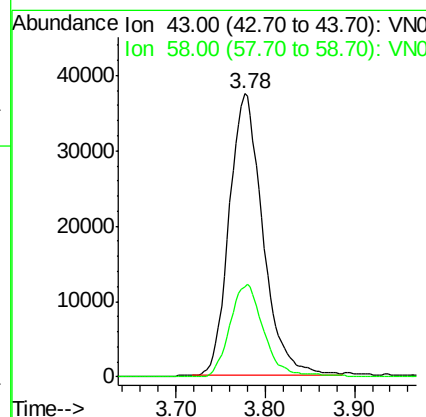
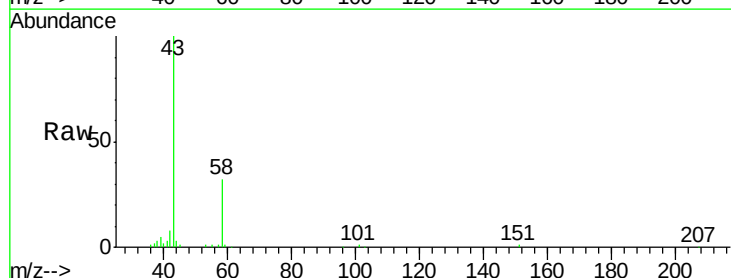
RT: 3.78 min Scan# 623

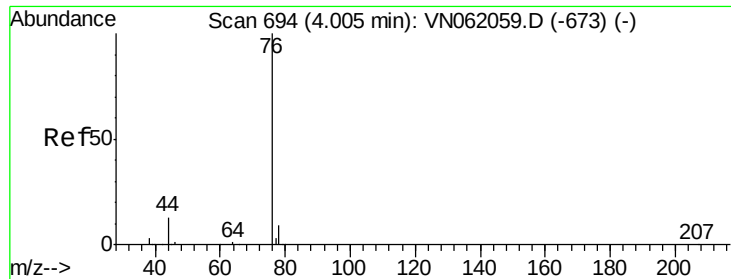
Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion:	43	Resp:	97944
Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.5	41.3





#17

Carbon Disulfide

Concen: 18.707 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion: 76 Resp: 129740

Ion Ratio Lower Upper

76 100

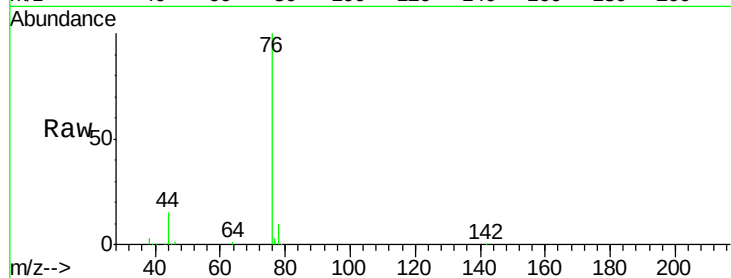
78 9.9 7.2 10.8

Manual Integrations

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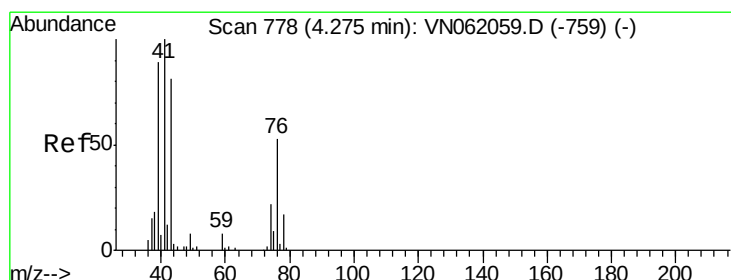
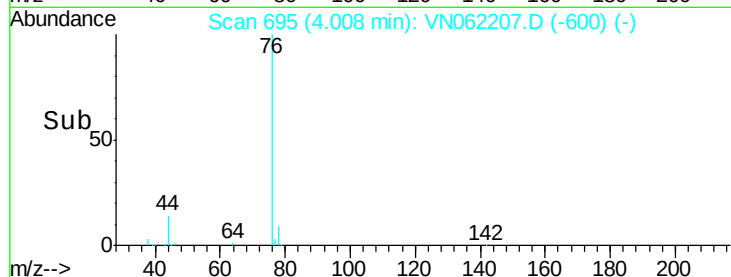
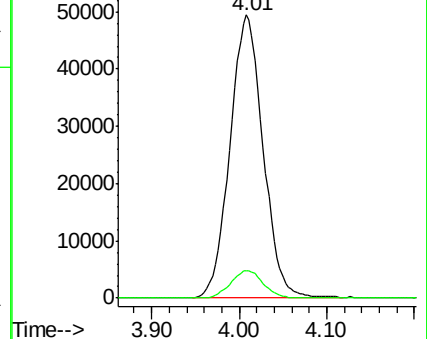
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Abundance Ion 75.90 (75.60 to 76.60): VN062207.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062207.D (-600) (-)



#18

Methyl Acetate

Concen: 20.704 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062207.D

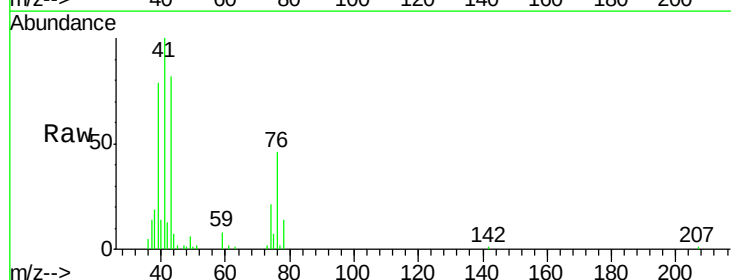
Acq: 30 Jun 2020 00:09

Tgt Ion: 43 Resp: 48789

Ion Ratio Lower Upper

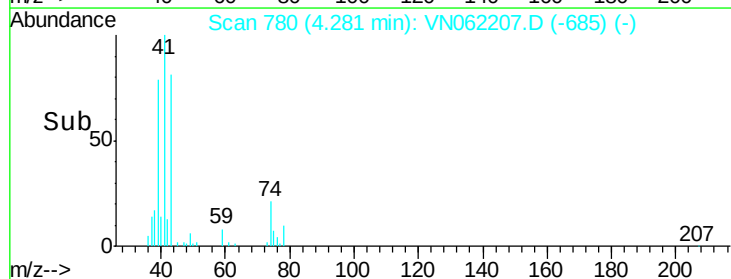
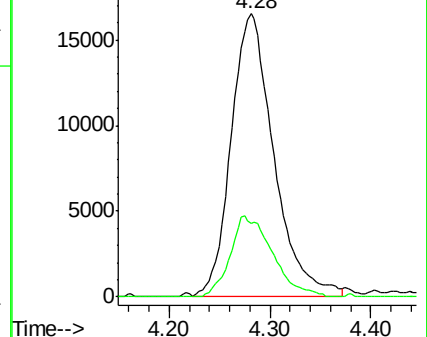
43 100

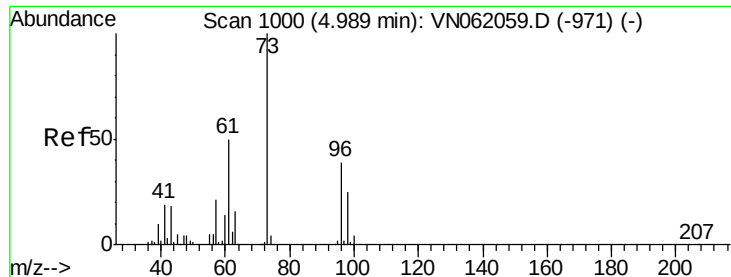
74 28.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062207.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062207.D (-685) (-)





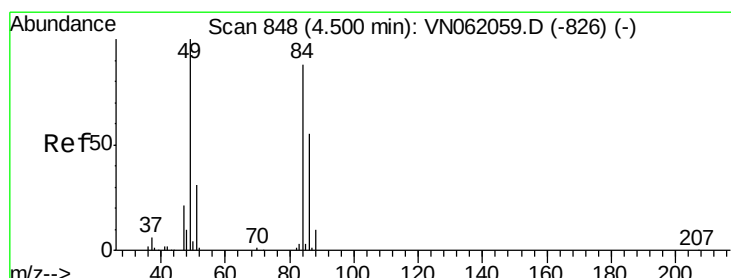
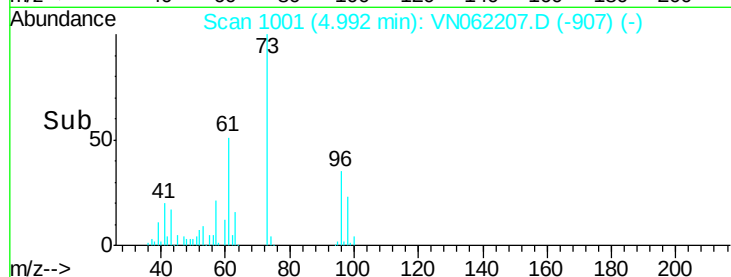
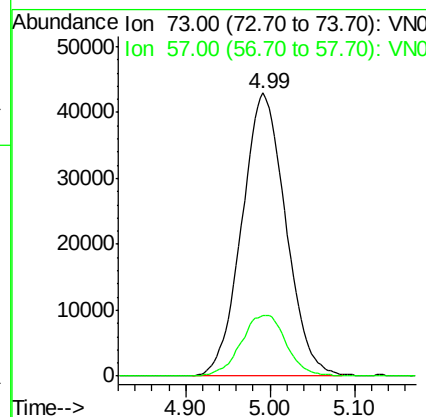
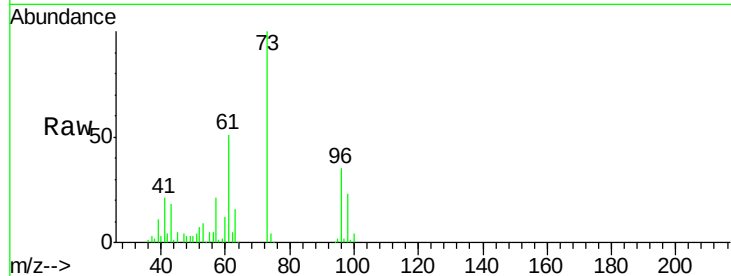
#19
Methvl tert-butvl Ether
Concen: 20.085 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion: 73 Resp: 155665
Ion Ratio Lower Upper
73 100
57 21.3 16.6 24.8

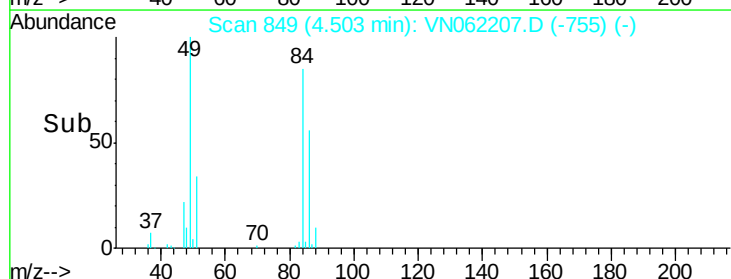
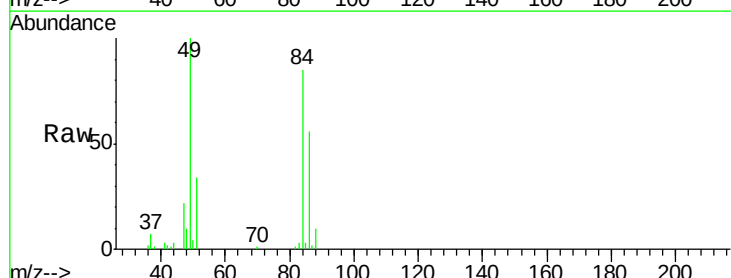
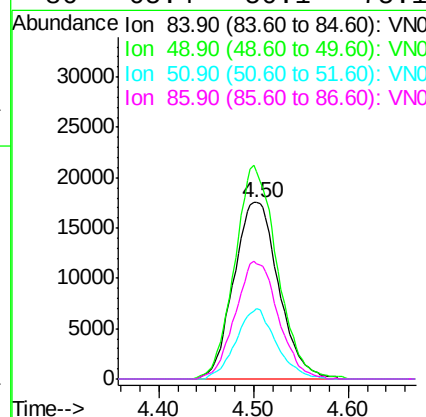
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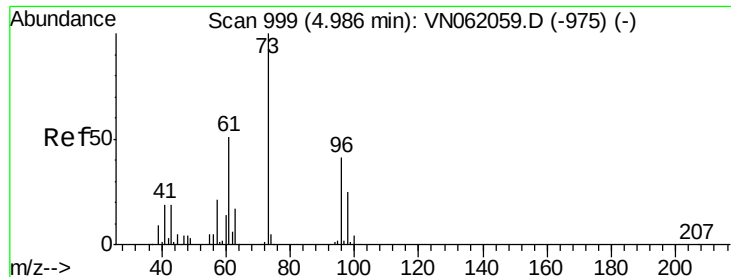
MMDadoda
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#20
Methylene Chloride
Concen: 21.108 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 84 Resp: 57780
Ion Ratio Lower Upper
84 100
49 117.3 90.6 136.0
51 39.6 27.8 41.8
86 65.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.086 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

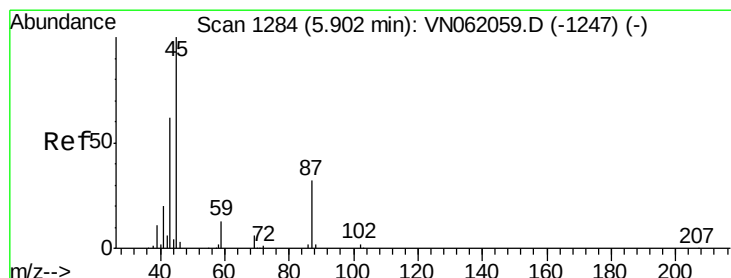
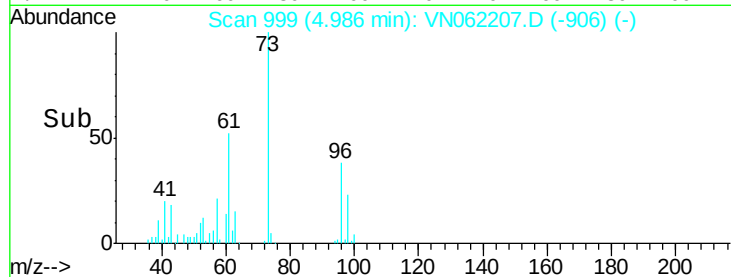
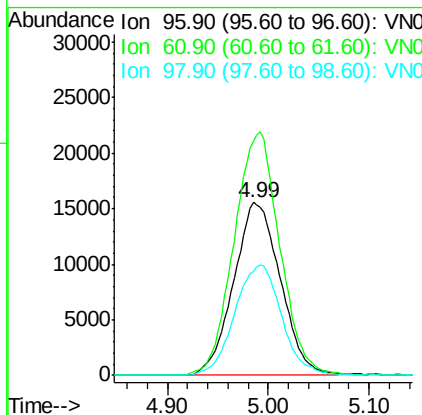
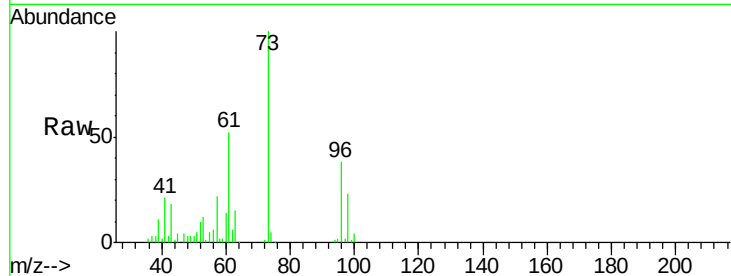
ClientSampleId :

VN0629WBS02

Tot Ion:	96	Resp:	49973
Ion	Ratio	Lower	Upper
96	100		
61	134.9	101.4	152.2
98	60.2	49.3	73.9

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6/30/2020 10:42:31 AM



#22

Diisopropyl ether

Concen: 20.256 ug/l

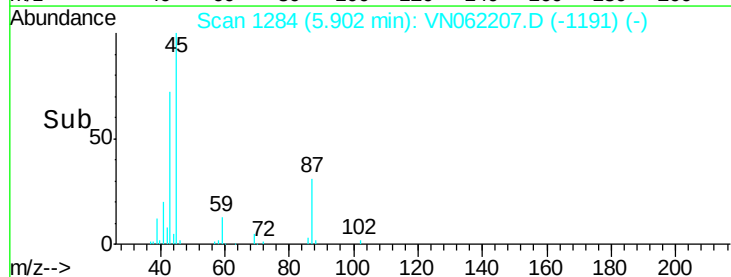
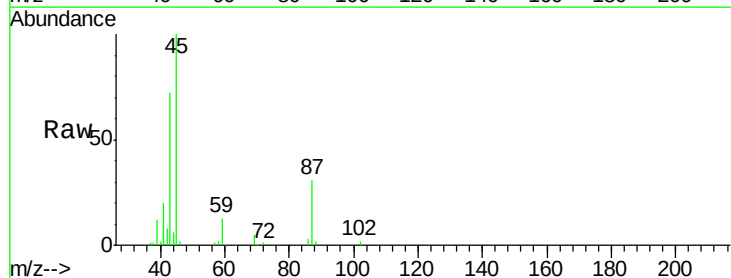
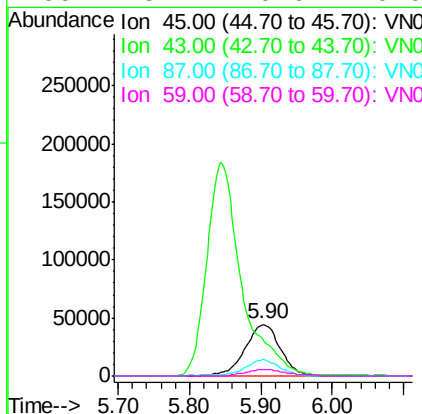
RT: 5.90 min Scan# 1284

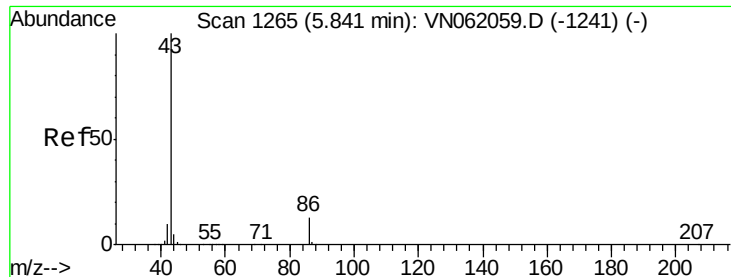
Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion:	45	Resp:	152305
Ion	Ratio	Lower	Upper
45	100		
43	69.7	49.7	74.5
87	31.3	25.9	38.9
59	13.2	10.6	16.0





#23

Vinyl Acetate

Concen: 101.504 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion: 43 Resp: 623111

Ion Ratio Lower Upper

43 100

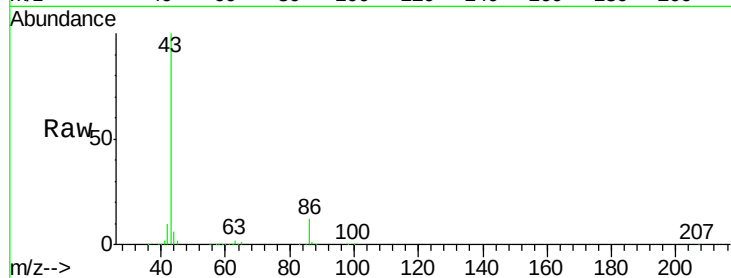
86 12.3 10.1 15.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN062207.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062207.D (-1172) (-)

5.84

200000

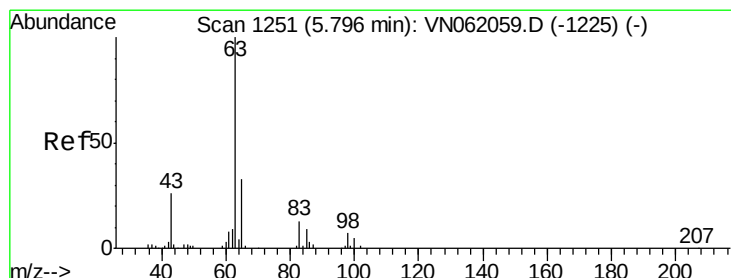
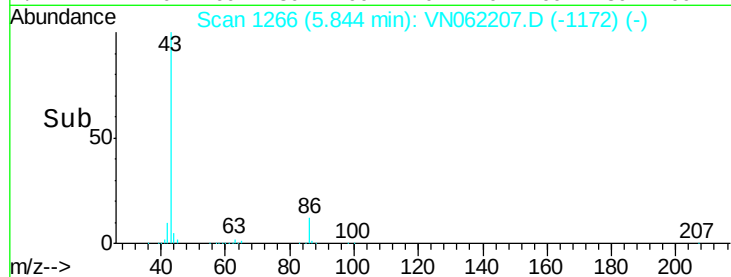
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.767 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

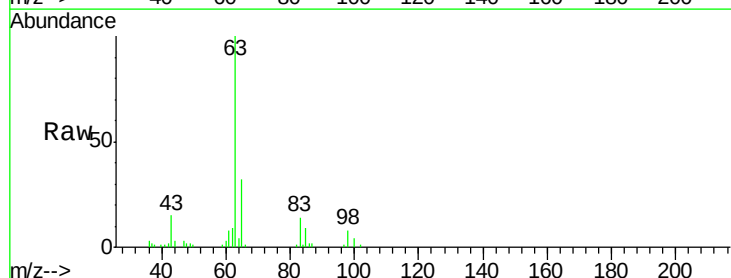
Tgt Ion: 63 Resp: 95705

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062207.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062207.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062207.D (-1158) (-)

5.80

40000

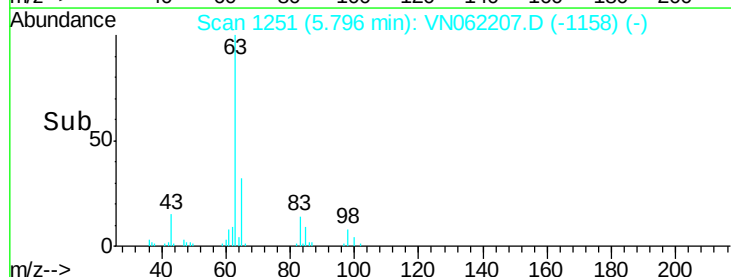
30000

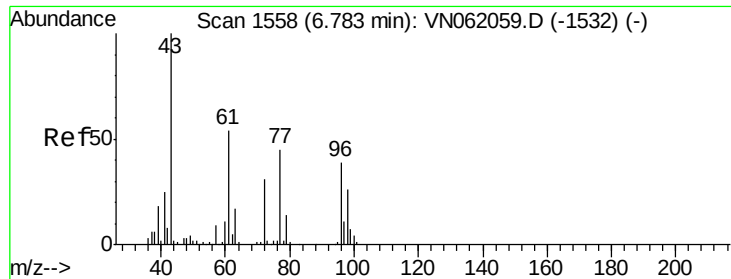
20000

10000

0

Time-->





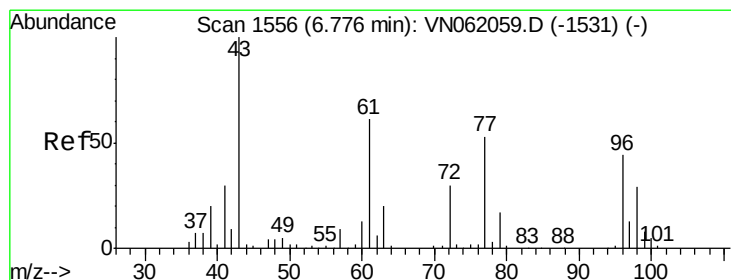
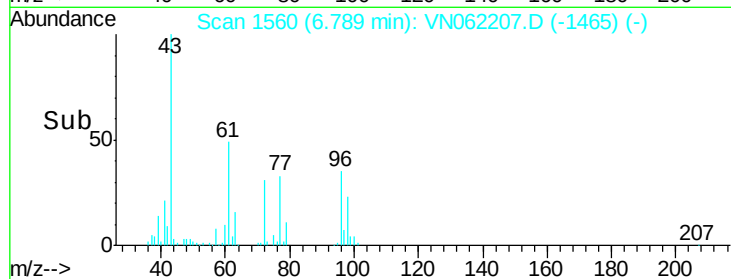
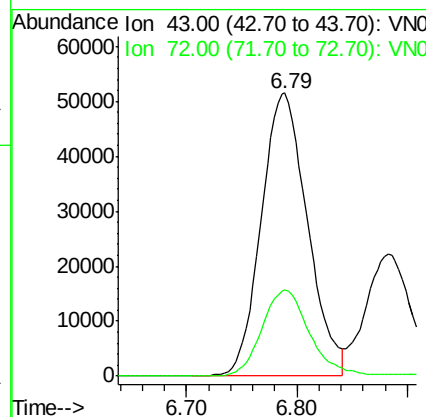
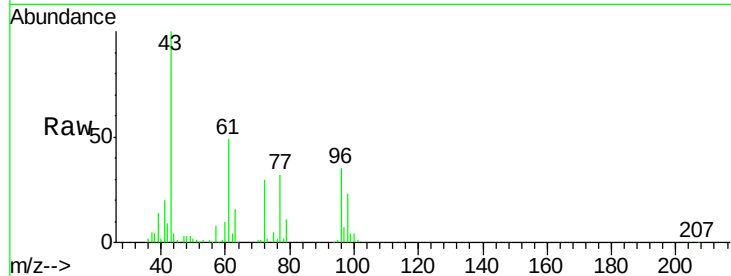
#25
 2-Butanone
 Concen: 103.500 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
72	30.5	24.8	37.2

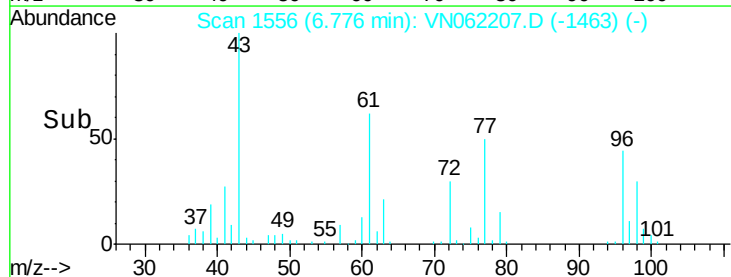
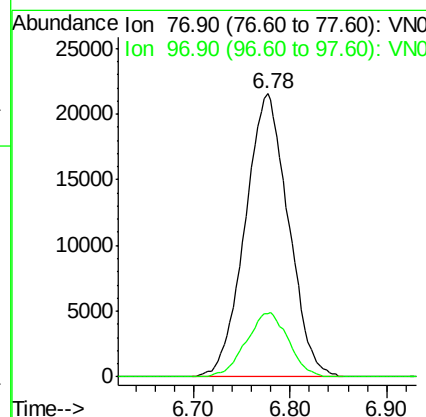
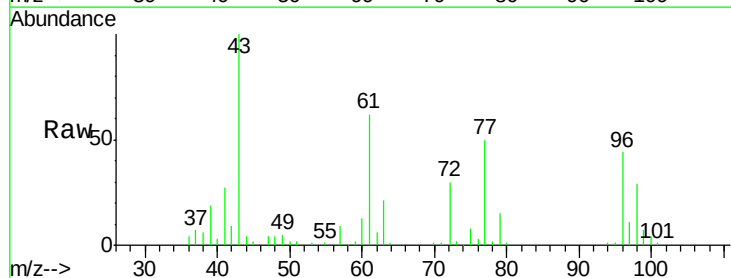
Manual Integrations
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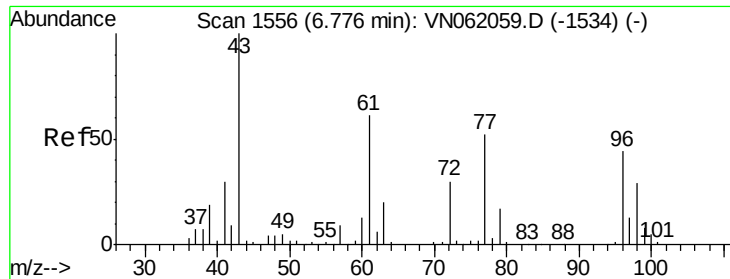
MMDadoda
 6/30/2020 10:42:31 AM



#26
 2,2-Dichloropropane
 Concen: 16.595 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.8	35.3





#27

cis-1,2-Dichloroethene

Concen: 18.886 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

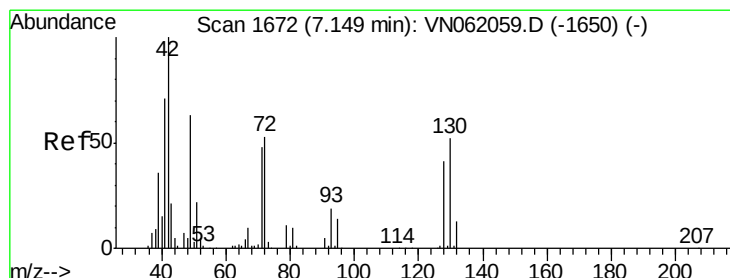
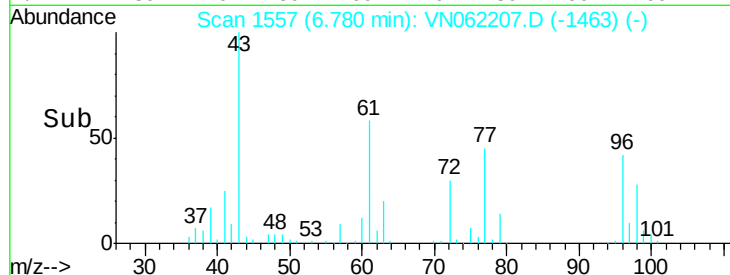
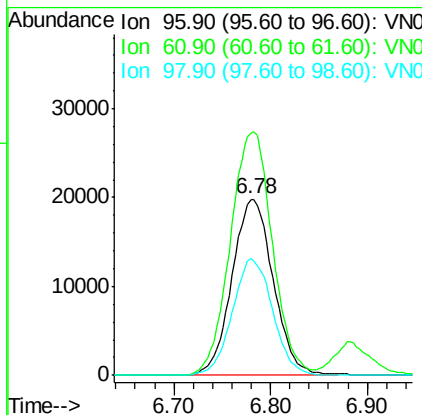
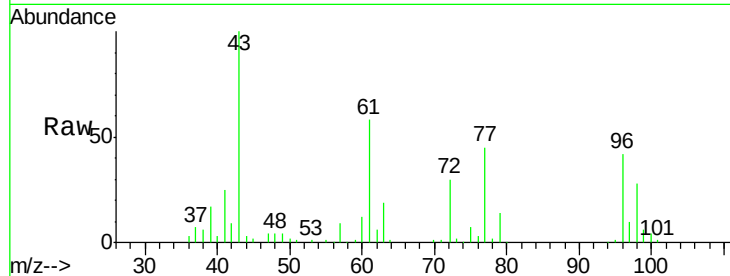
ClientSampleId :

VN0629WBS02

Tot Ion:	96	Resp:	58722
Ion	Ratio	Lower	Upper
96	100		
61	140.4	0.0	280.4
98	64.4	0.0	129.4

Manual Integrations
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6/30/2020 10:42:31 AM



#28

Bromochloromethane

Concen: 19.747 ug/l

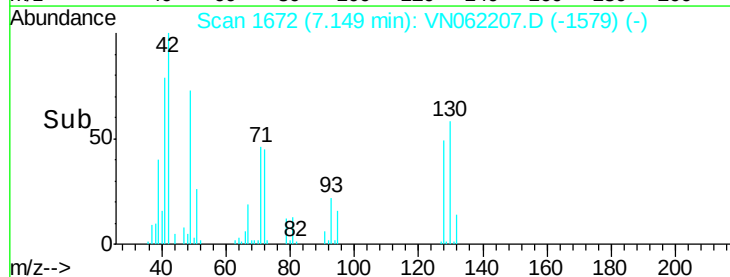
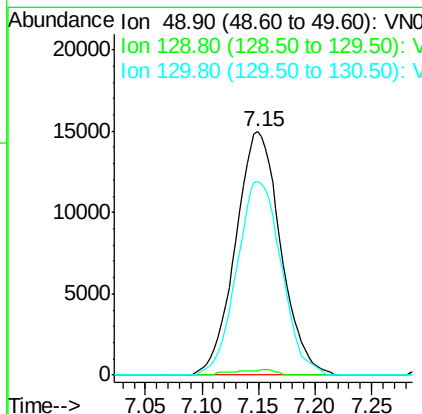
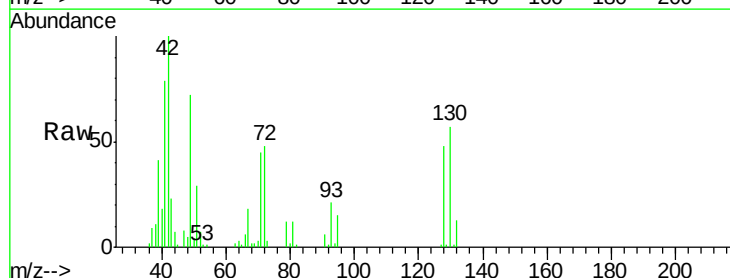
RT: 7.15 min Scan# 1672

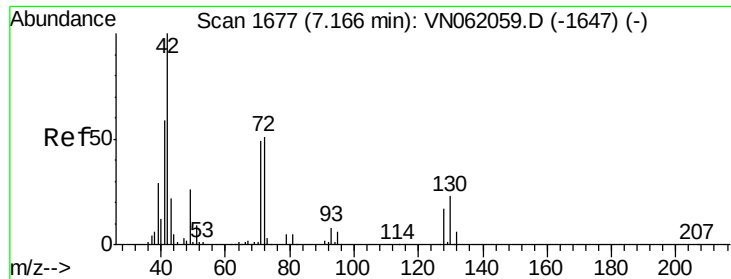
Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion:	49	Resp:	41483
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.4
130	78.9	65.5	98.3





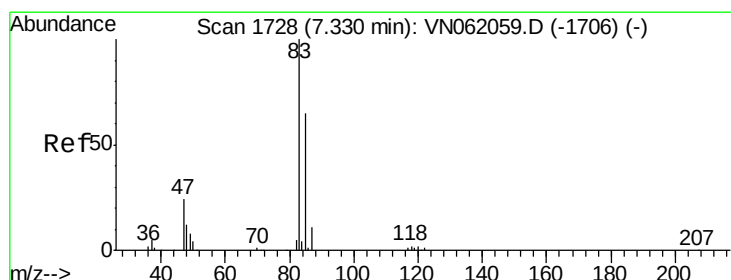
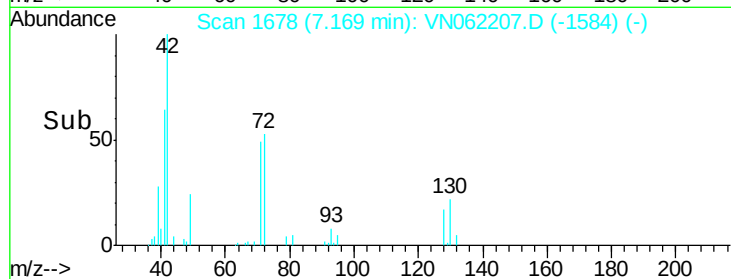
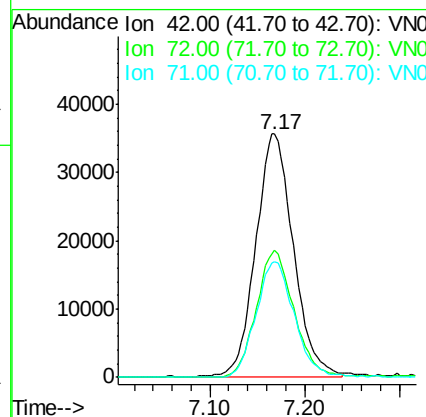
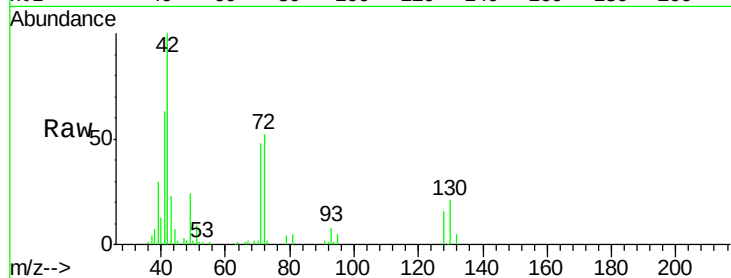
#29
Tetrahydrofuran
Concen: 104.304 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.8	41.1	61.7
71	48.0	38.2	57.4

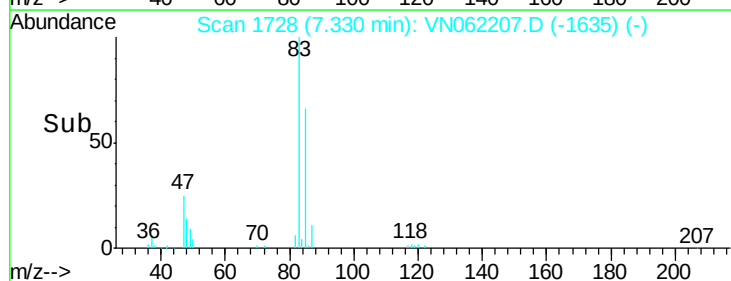
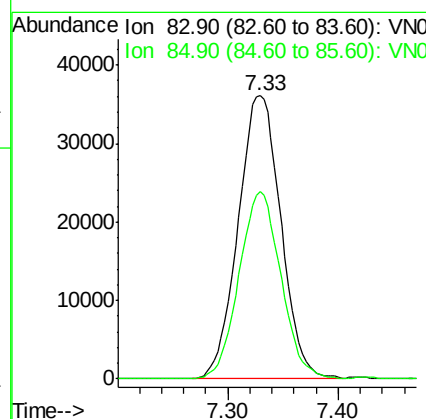
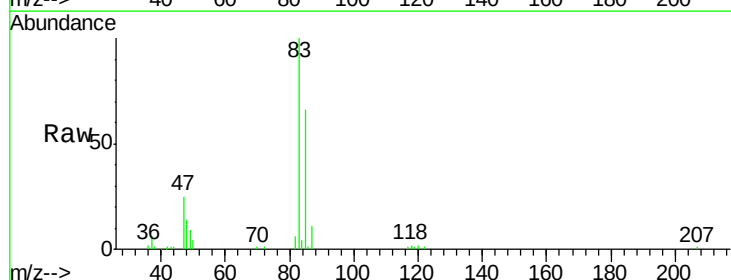
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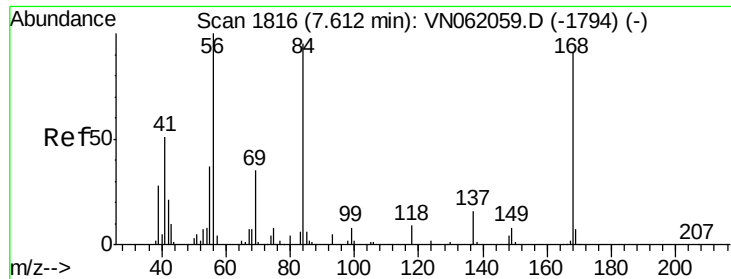
MMDadoda
6/30/2020 10:42:31 AM



#30
Chloroform
Concen: 19.682 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.3	78.5





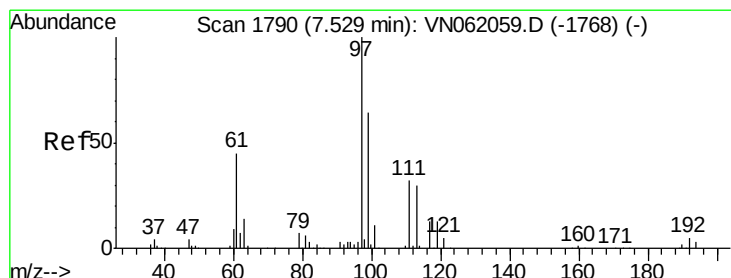
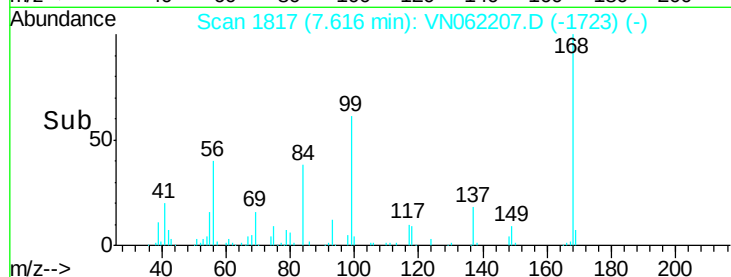
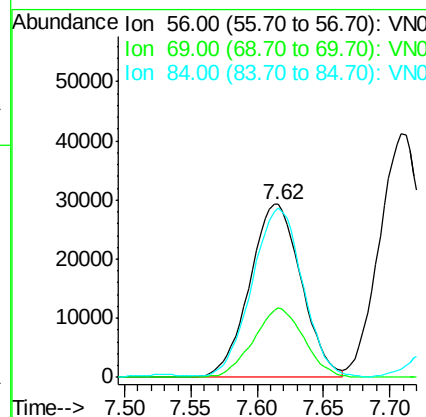
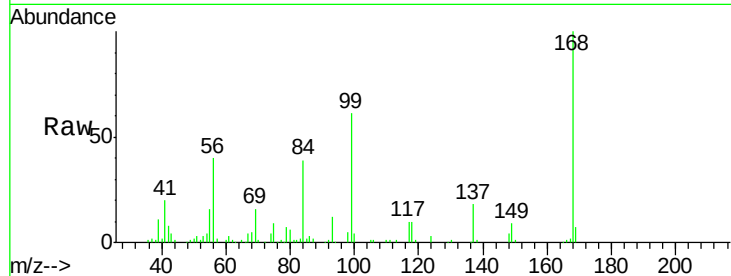
#31
Cyclohexane
Concen: 19.460 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.2	28.0	42.0
84	96.6	76.1	114.1

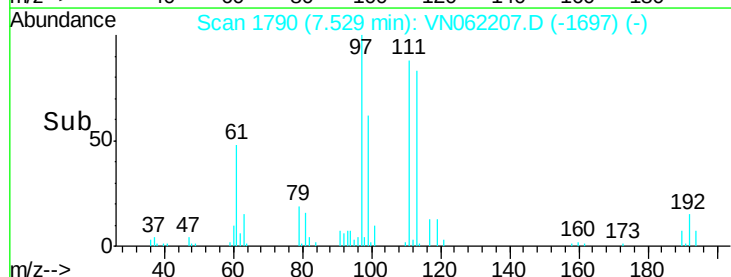
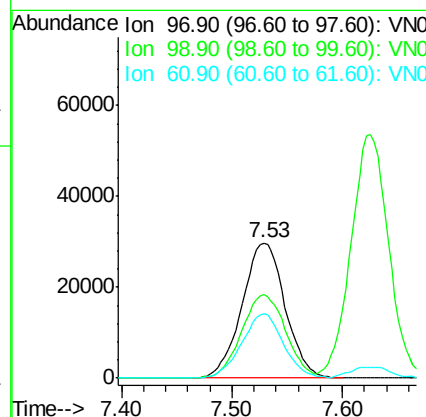
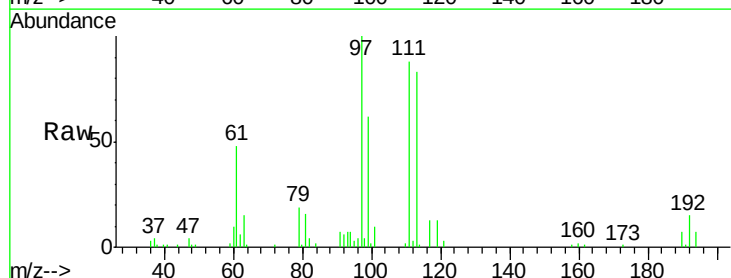
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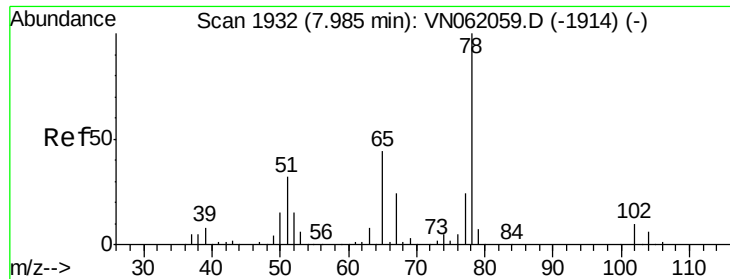
MMDadoda
6/30/2020 10:42:31 AM



#32
1,1,1-Trichloroethane
Concen: 19.364 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.4
61	46.3	36.2	54.2





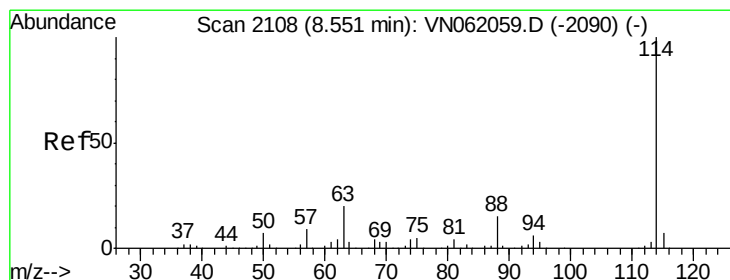
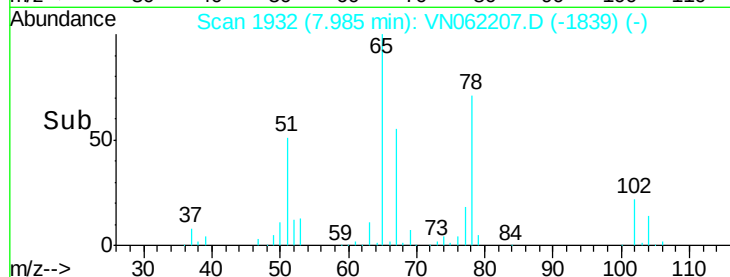
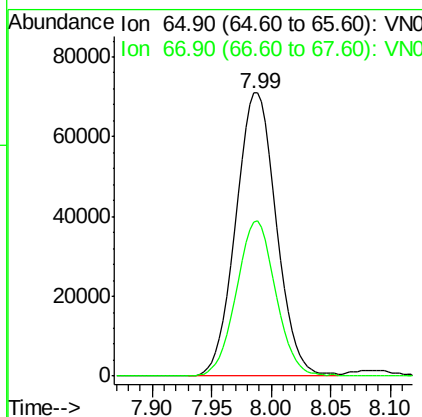
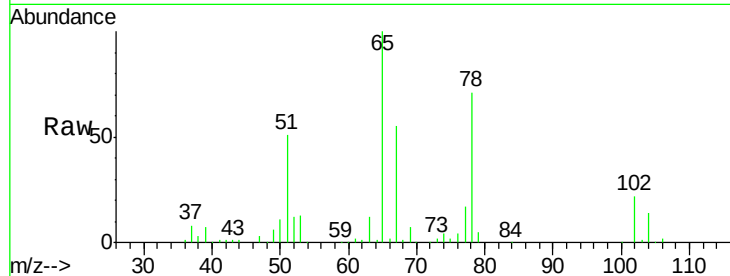
#33
 1,2-Dichloroethane-d4
 Concen: 56.589 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2

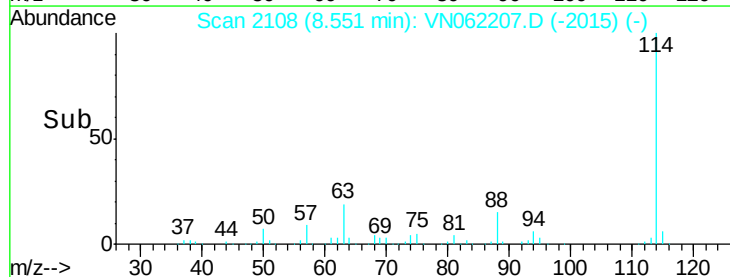
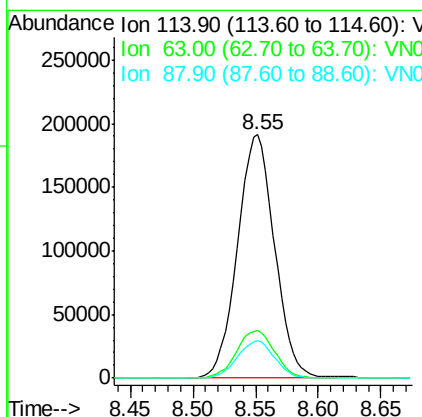
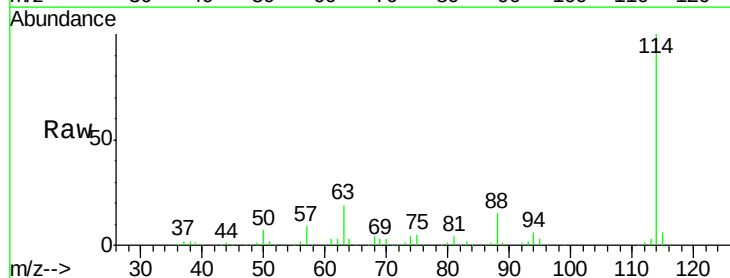
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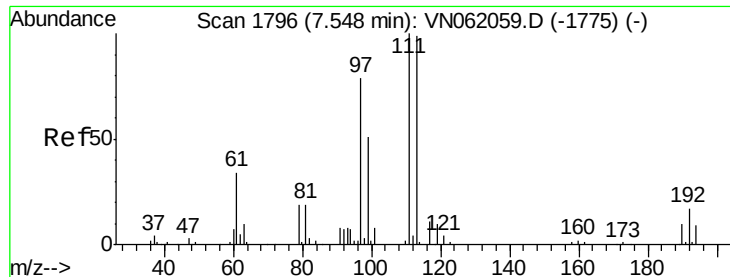
MMDadoda
 6/30/2020 10:42:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.2
88	15.4	0.0	30.8





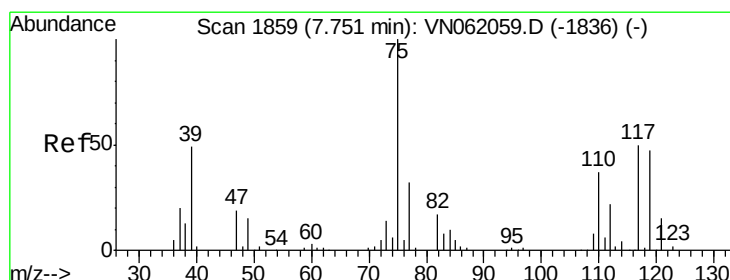
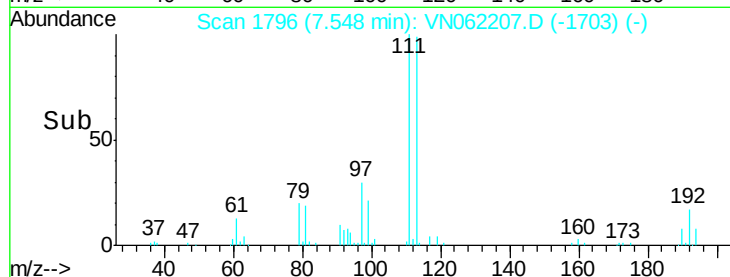
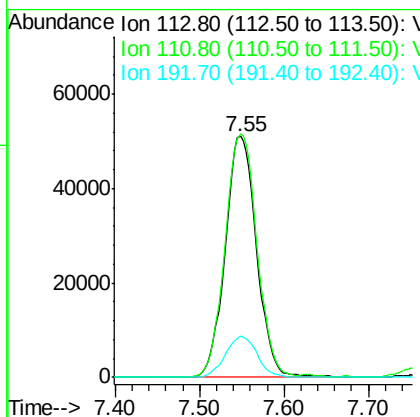
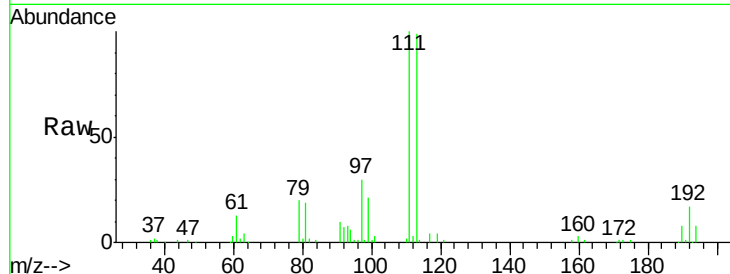
#35
 Dibromofluoromethane
 Concen: 52.155 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131691		
111	103.0	82.2	123.4	
192	17.2	14.0	21.0	

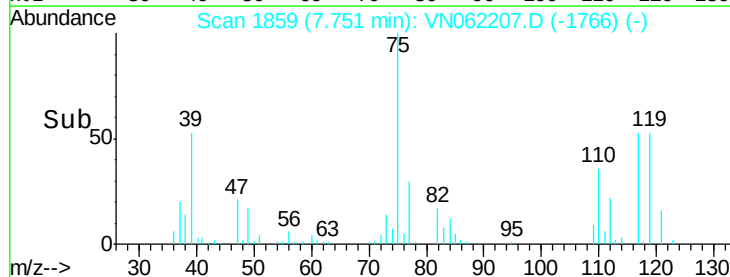
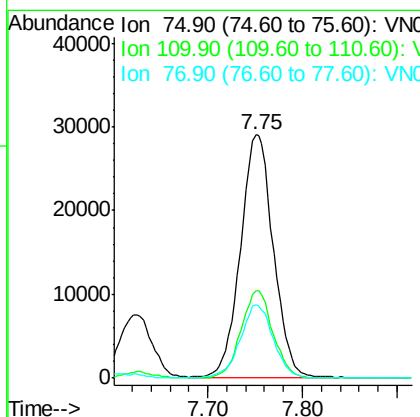
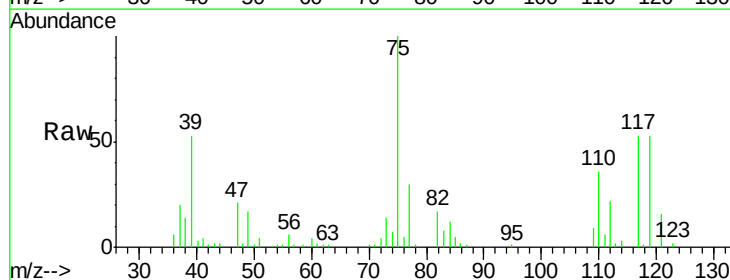
Manual Integrations
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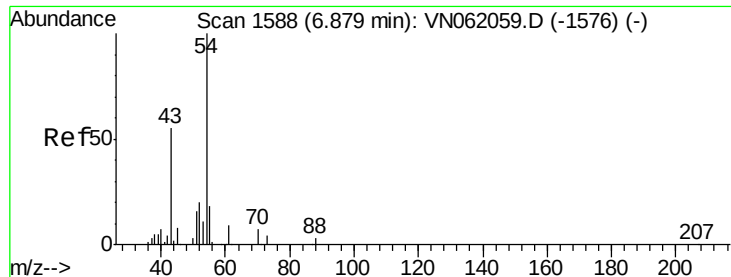
MMDadoda
 6/30/2020 10:42:31 AM



#36
 1,1-Dichloropropene
 Concen: 17.824 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70513		
110	34.6	17.9	53.8	
77	29.9	24.9	37.3	





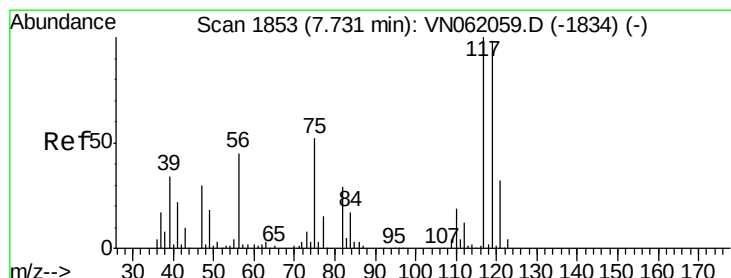
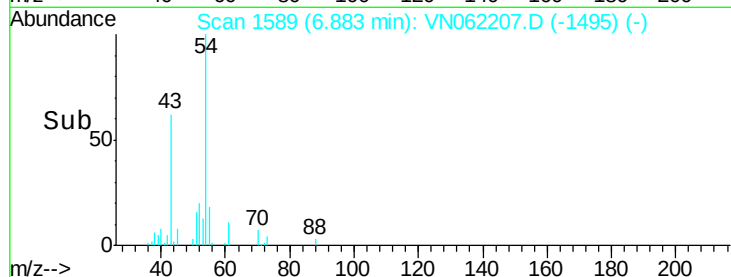
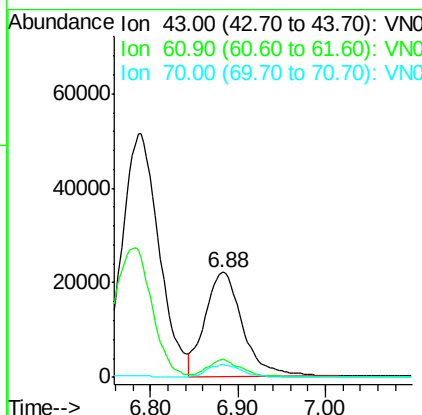
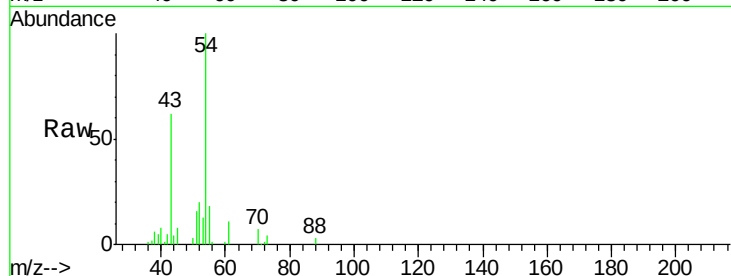
#37
Ethyl Acetate
Concen: 20.264 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	15.3	12.0	18.0	
70	11.3	9.6	14.4	

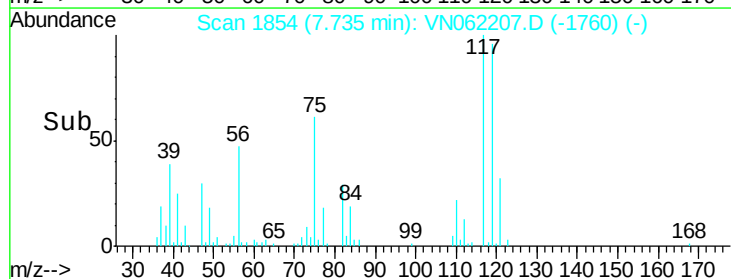
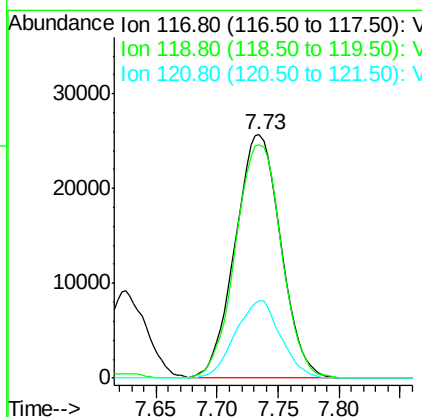
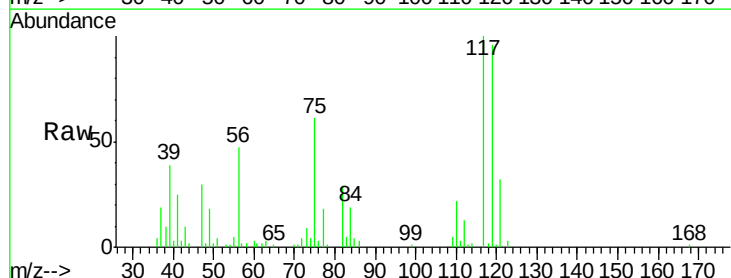
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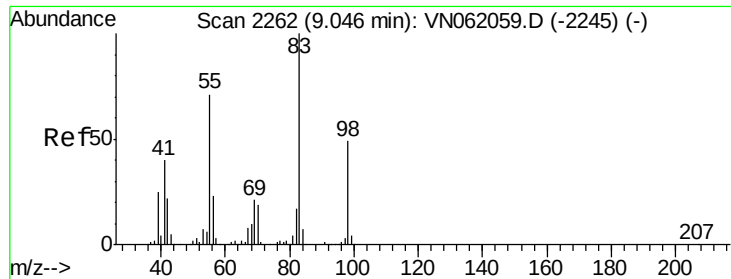
MMDadoda
6/30/2020 10:42:31 AM



#38
Carbon Tetrachloride
Concen: 17.836 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	96.0	78.2	117.2	
121	31.7	25.8	38.6	





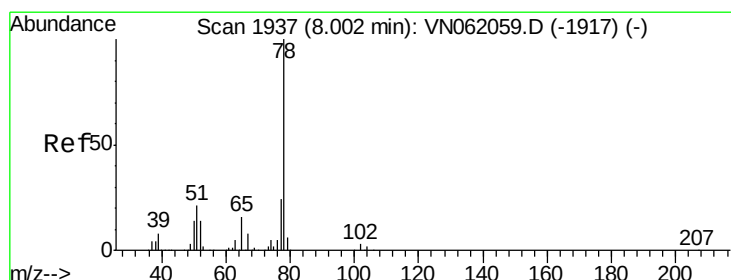
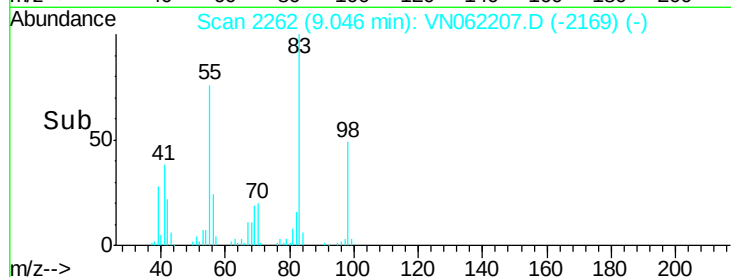
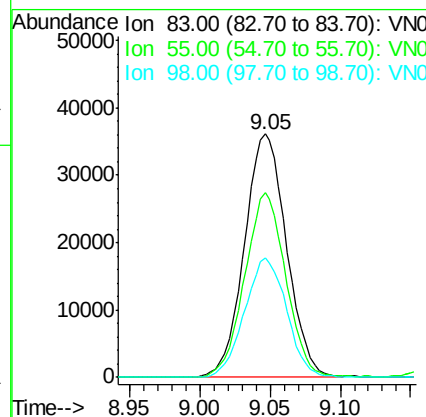
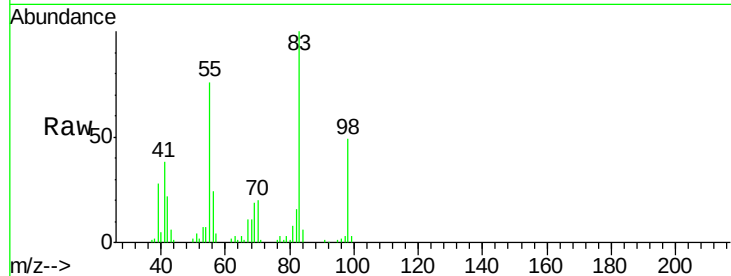
#39
Methylvlcyclohexane
Concen: 17.370 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	83	Resp	75293
Ion Ratio	100	Lower	Upper
83	100		
55	75.8	57.0	85.6
98	48.9	39.0	58.6

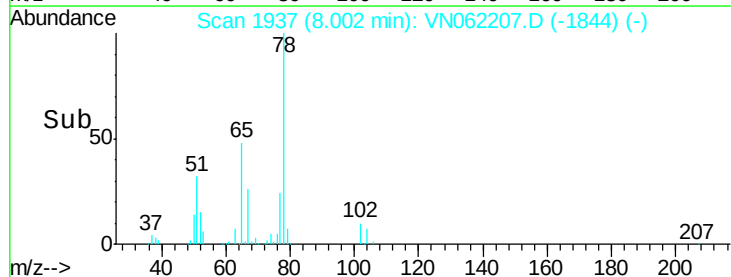
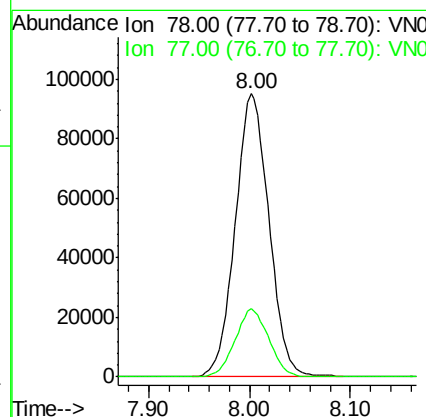
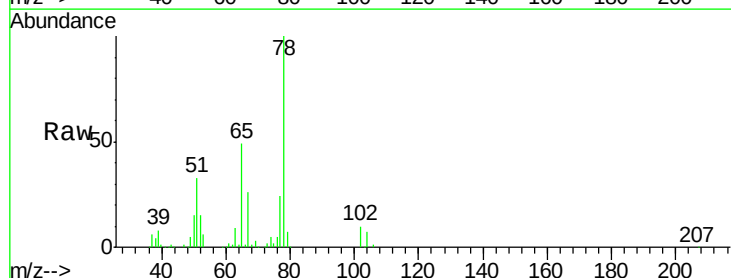
Manual Integrations
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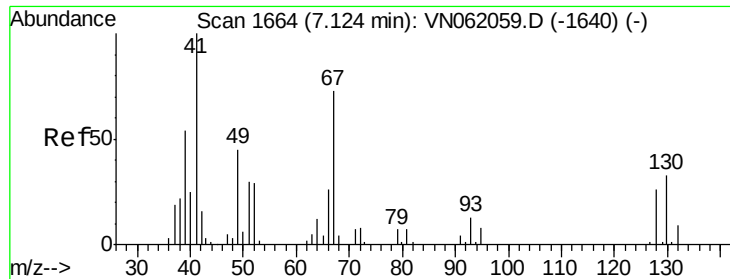
MMDadoda
6/30/2020 10:42:31 AM



#40
Benzene
Concen: 18.313 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	78	Resp	220821
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	19.5	29.3





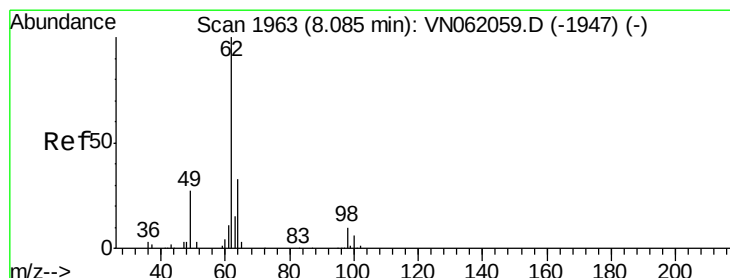
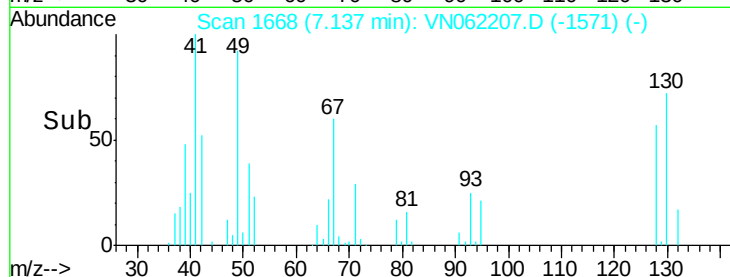
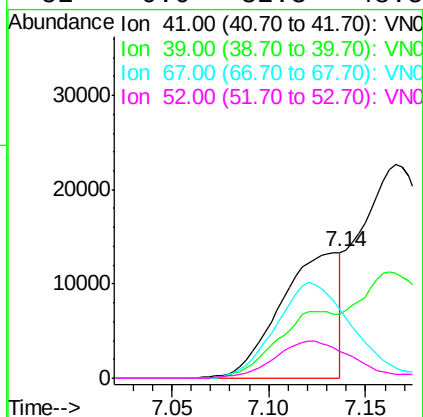
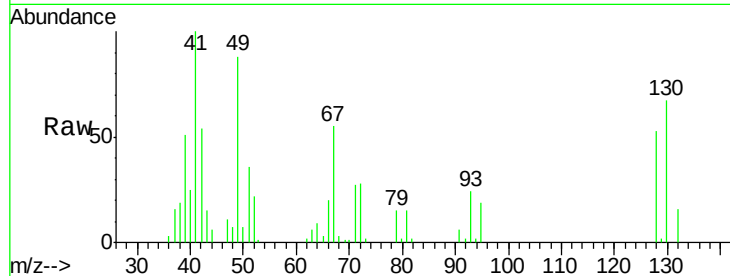
#41
Methacrylonitrile
Concen: 18.819 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	91.2	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

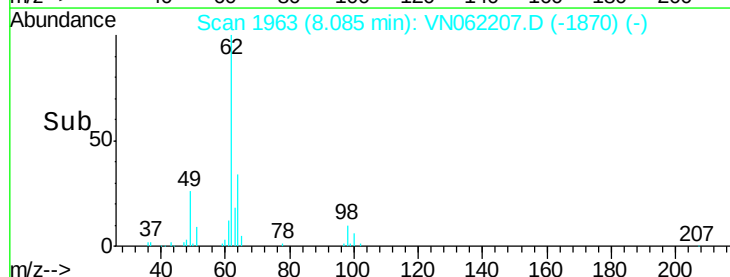
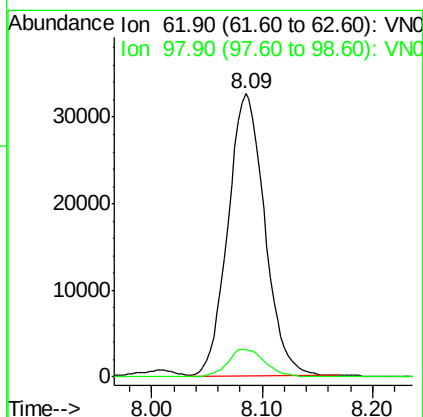
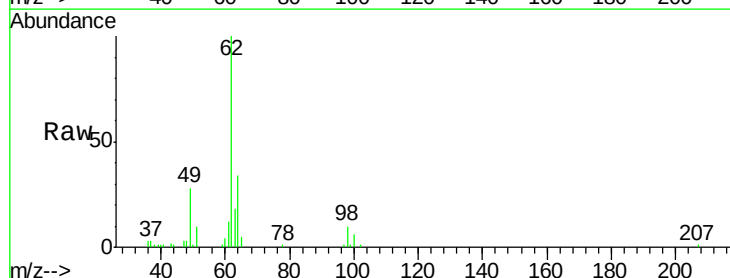
Manual Integrations
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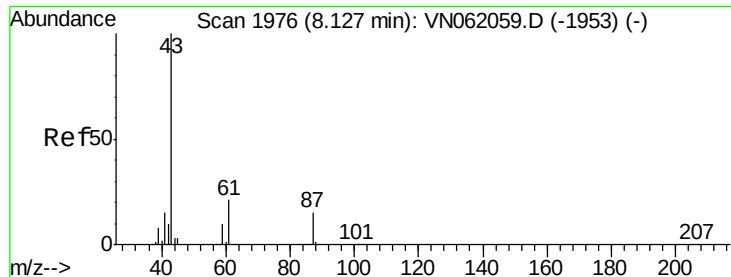
MMDadoda
6/30/2020 10:42:31 AM



#42
1,2-Dichloroethane
Concen: 18.526 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.402 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

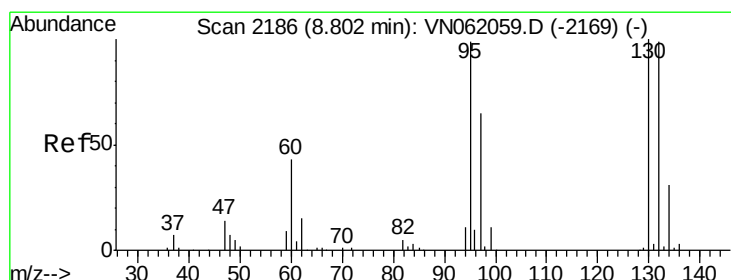
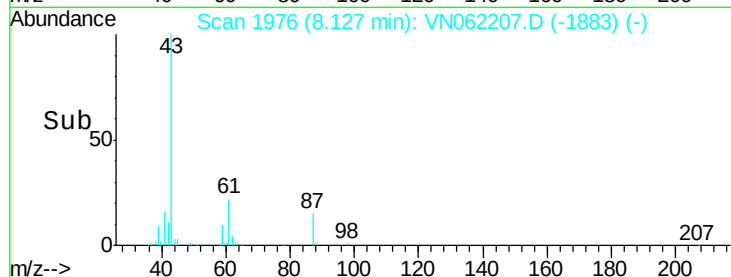
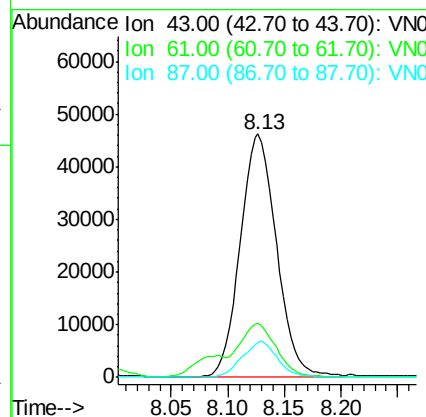
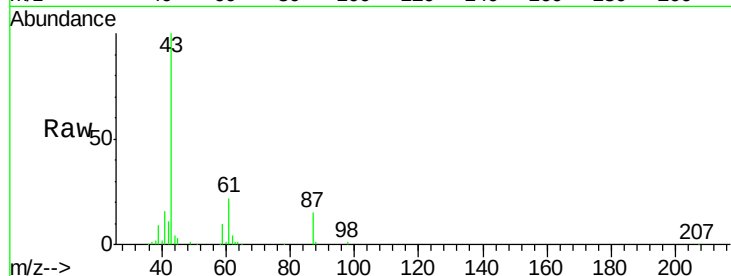
ClientSampleId :

VN0629WBS02

Tot Ion:	43	Resp:	103610
Ion	Ratio	Lower	Upper
43	100		
61	22.8	17.2	25.8
87	14.3	12.1	18.1

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#44

Trichloroethene

Concen: 17.832 ug/l

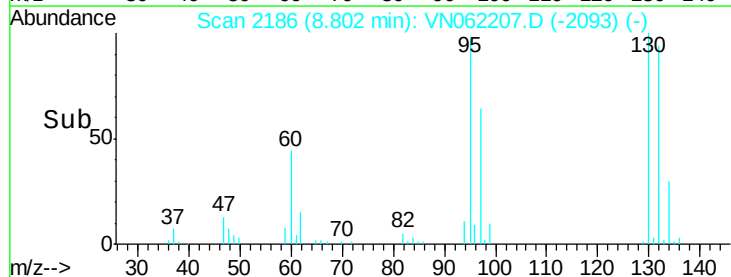
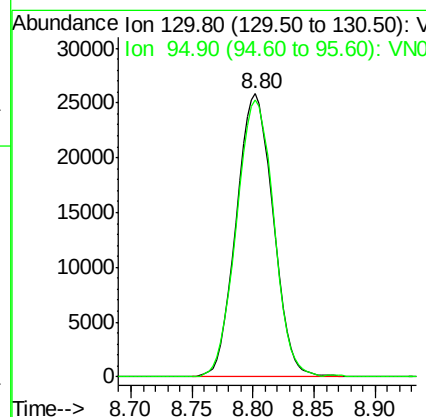
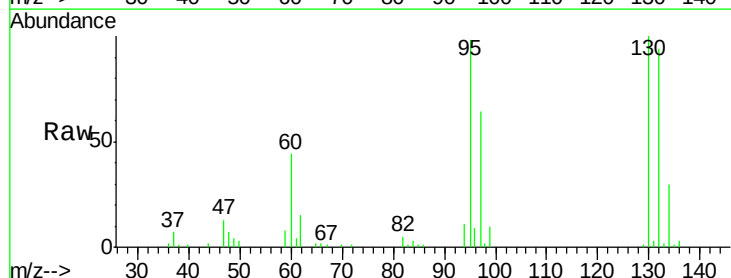
RT: 8.80 min Scan# 2186

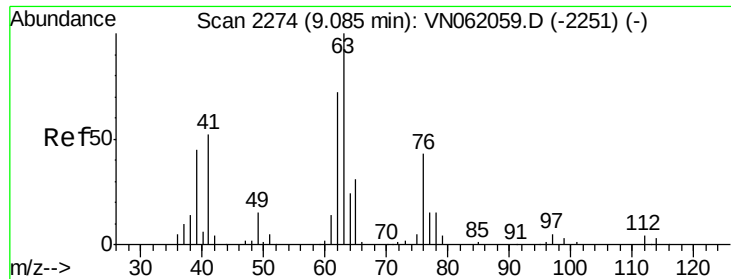
Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion:	130	Resp:	54239
Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	197.8





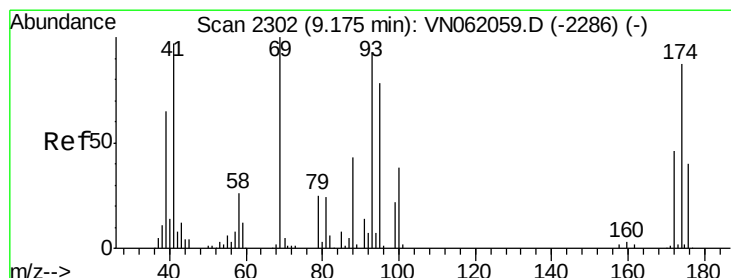
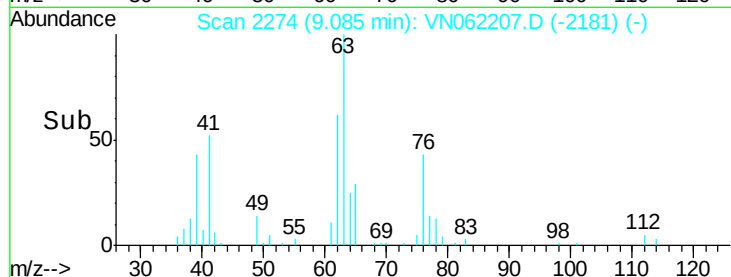
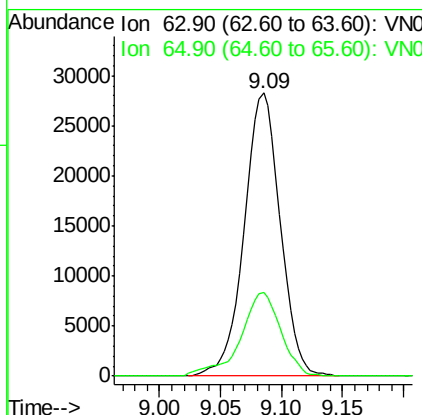
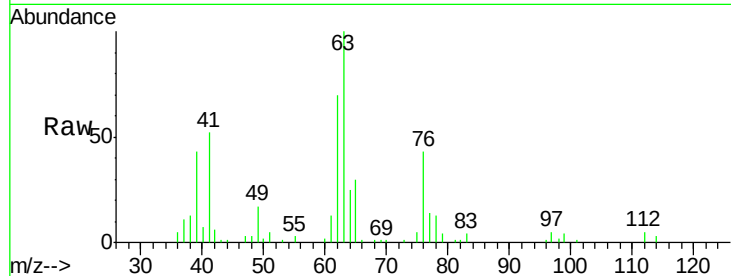
#45
 1,2-Dichloropropane
 Concen: 19.331 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion: 63 Resp: 57506
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.4

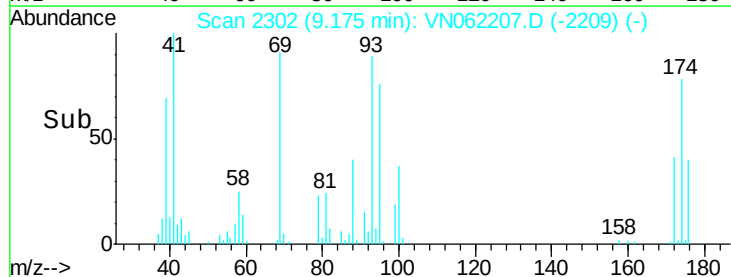
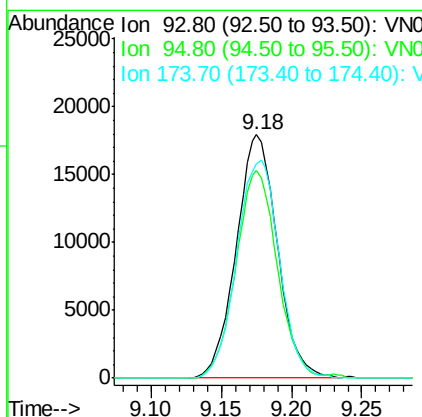
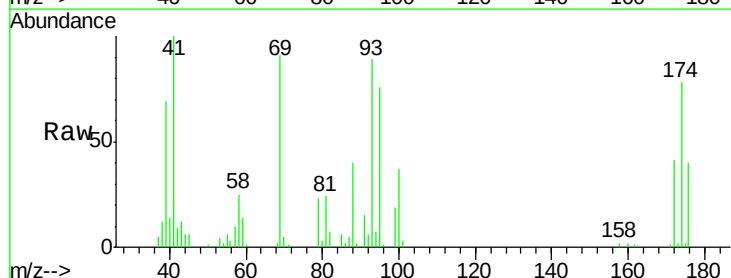
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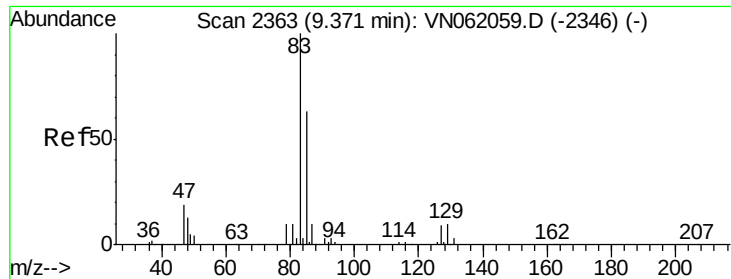
MMDadoda
 6/30/2020 10:42:31 AM



#46
 Dibromomethane
 Concen: 18.211 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 93 Resp: 36729
 Ion Ratio Lower Upper
 93 100
 95 85.4 67.0 100.6
 174 92.5 74.4 111.6





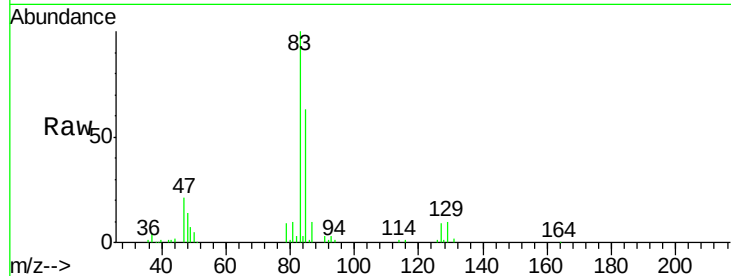
#47
Bromodichloromethane
Concen: 18.860 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

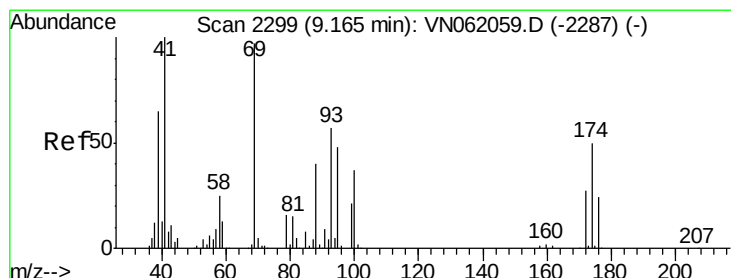
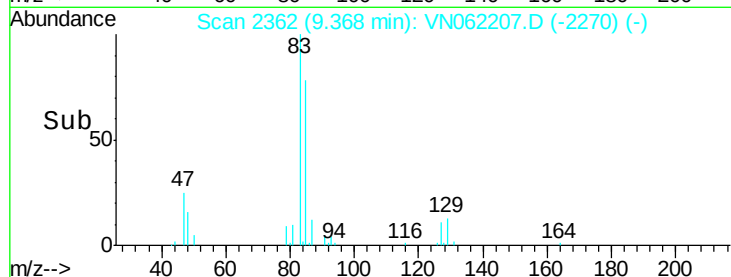
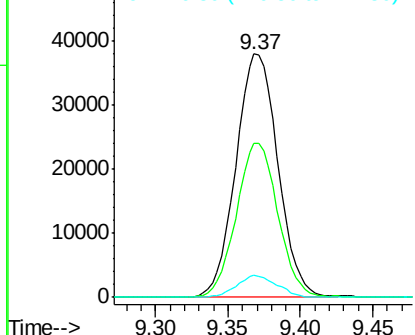
Tot Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.3	75.5
127	9.1	6.9	10.3

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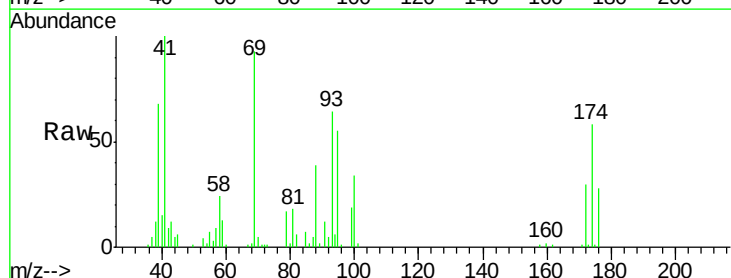


Abundance Ion 82.90 (82.60 to 83.60): VN062207.D (-2270) (-)
Ion 84.90 (84.60 to 85.60): VN062207.D (-2270) (-)
Ion 126.80 (126.50 to 127.50): VN062207.D (-2270) (-)

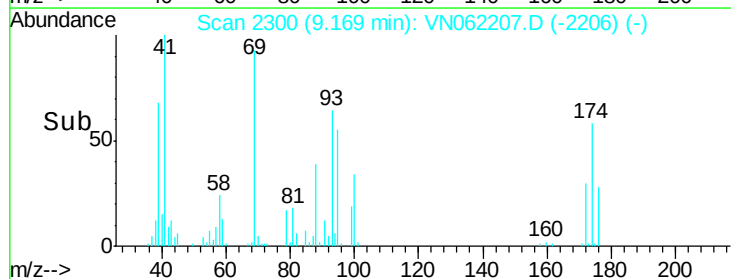
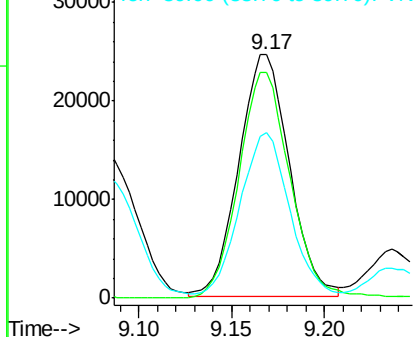


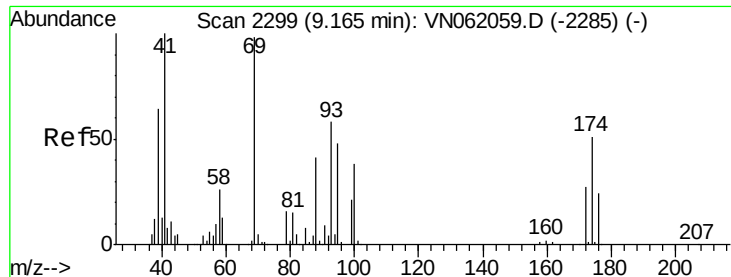
#48
Methyl methacrylate
Concen: 19.448 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.7	80.7	121.1
39	67.1	54.5	81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062207.D (-2206) (-)
Ion 69.00 (68.70 to 69.70): VN062207.D (-2206) (-)
Ion 39.00 (38.70 to 39.70): VN062207.D (-2206) (-)





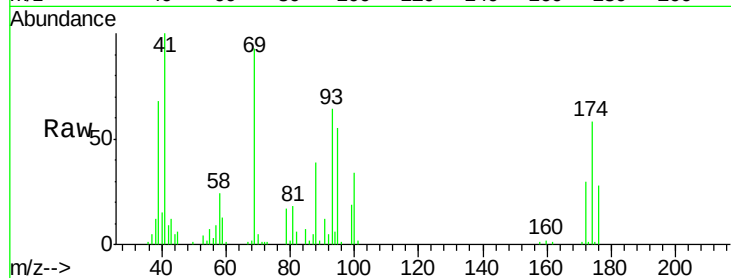
#49
1,4-Dioxane
Concen: 378.336 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	22.0	33.0
58	65.5	49.2	73.8

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6/30/2020 10:42:31 AM

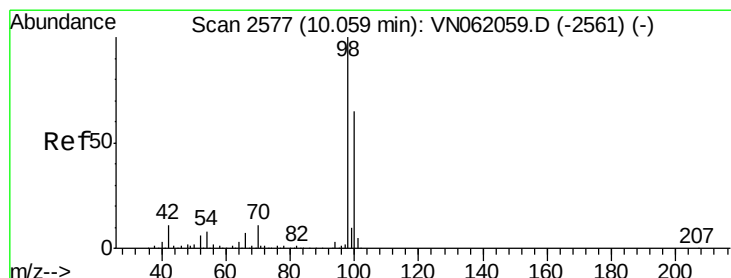
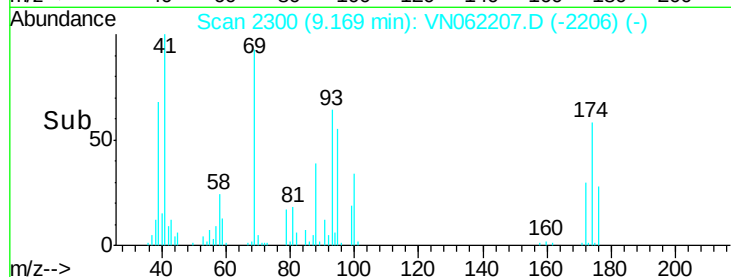
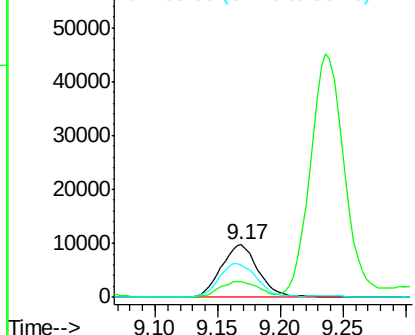


Abundance

Ion 88.00 (87.70 to 88.70): VN062207.D (-2206) (-)

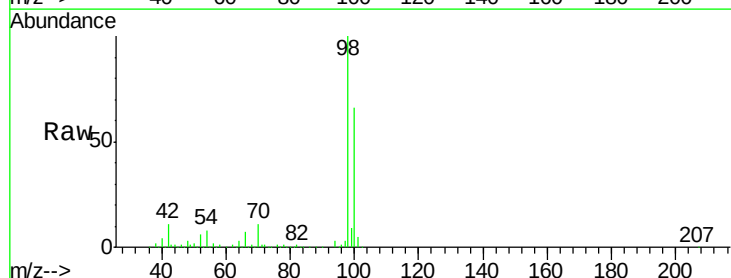
Ion 43.00 (42.70 to 43.70): VN062207.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN062207.D (-2206) (-)



#50
Toluene-d8
Concen: 51.909 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

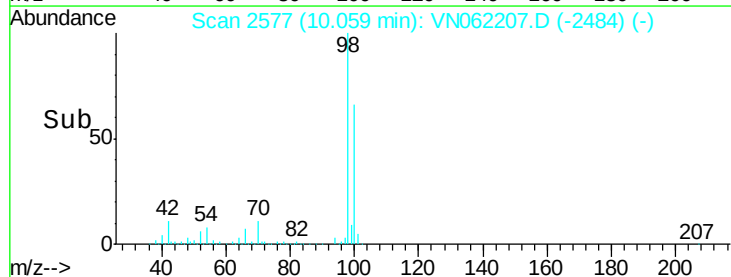
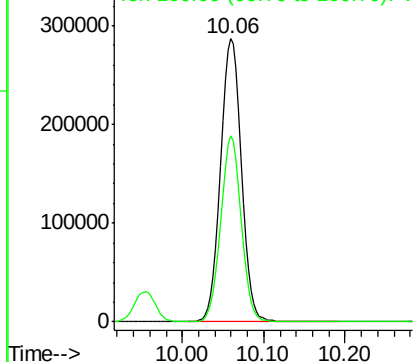
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8

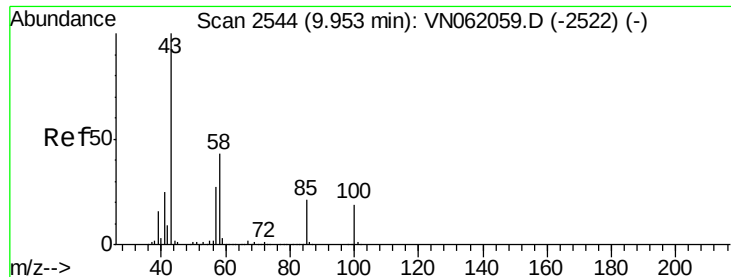


Abundance

Ion 98.00 (97.70 to 98.70): VN062207.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062207.D (-2484) (-)





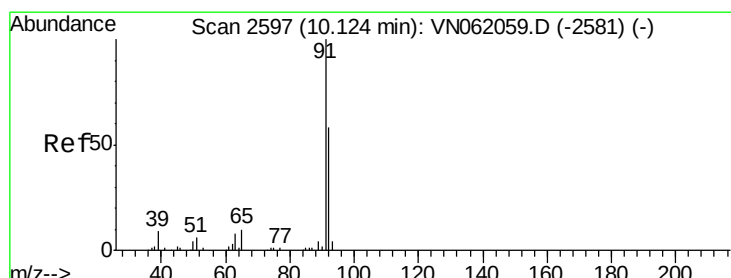
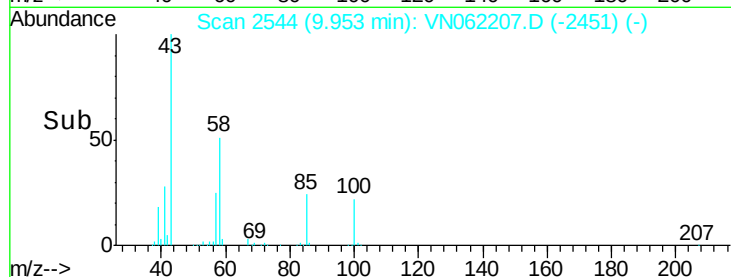
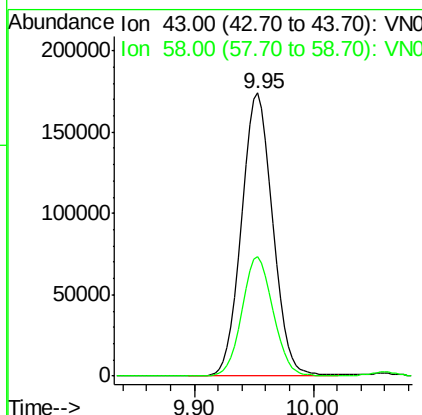
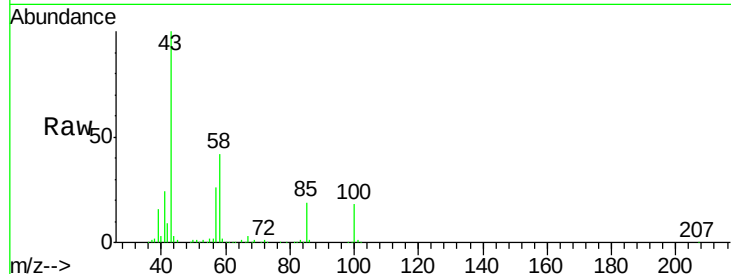
#51
4-Methyl-2-Pentanone
Concen: 101.655 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.1	34.2	51.2

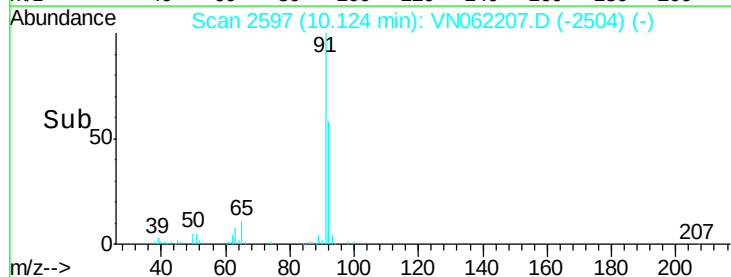
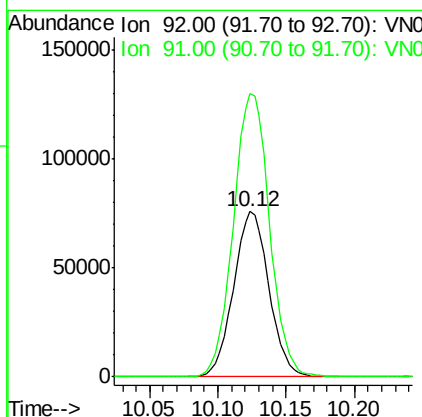
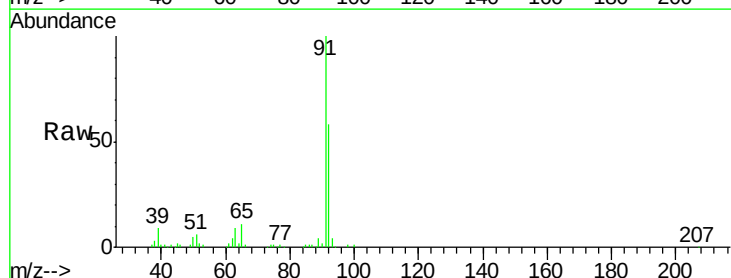
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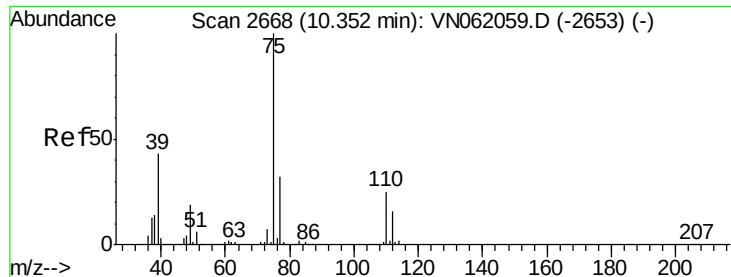
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6/30/2020 10:42:31 AM



#52
Toluene
Concen: 18.551 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.3	137.4	206.0





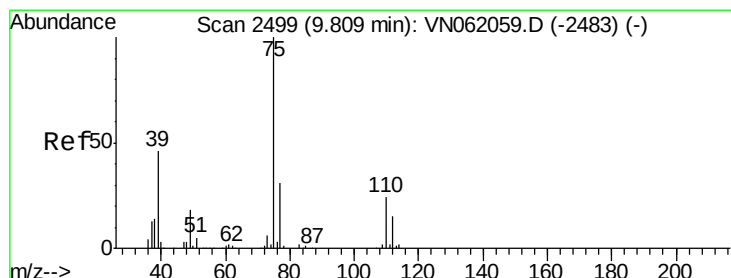
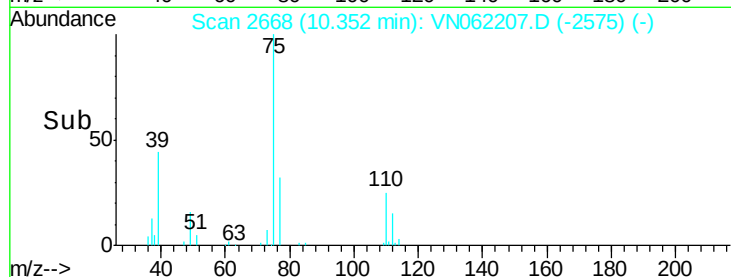
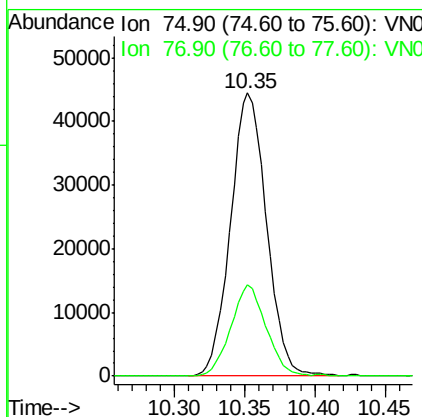
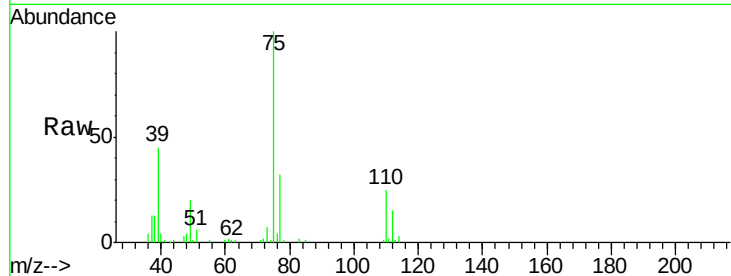
#53
t-1,3-Dichloropropene
Concen: 17.770 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3

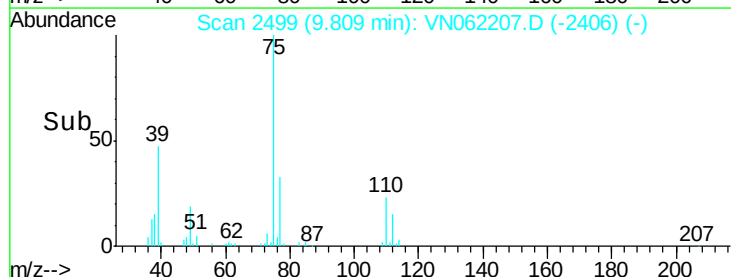
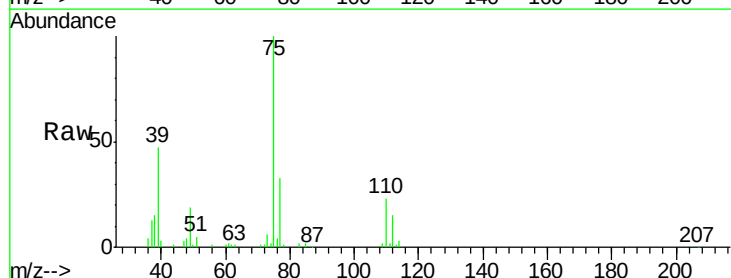
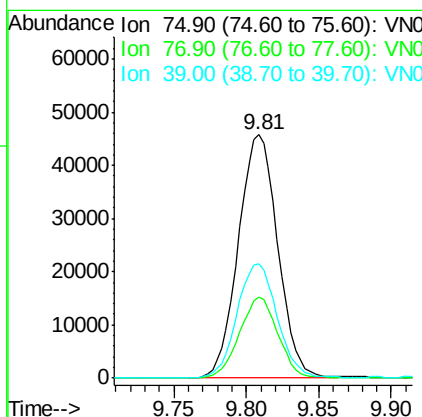
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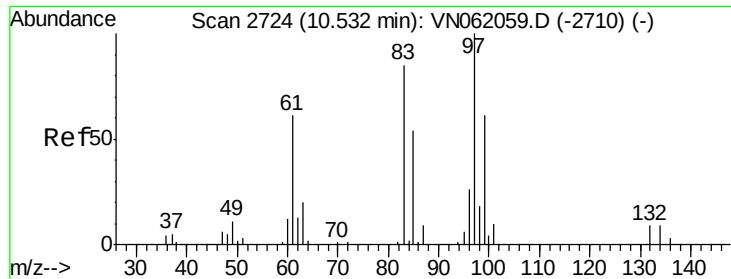
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6/30/2020 10:42:31 AM



#54
cis-1,3-Dichloropropene
Concen: 18.159 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.0	37.6
39	47.1	36.9	55.3





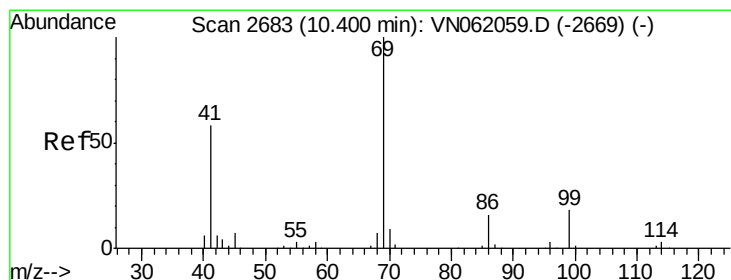
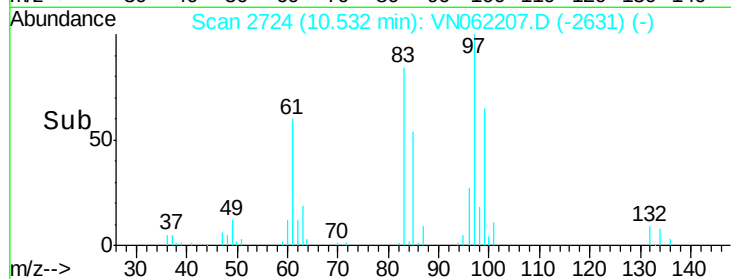
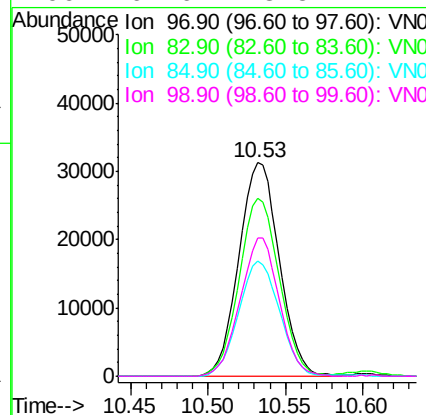
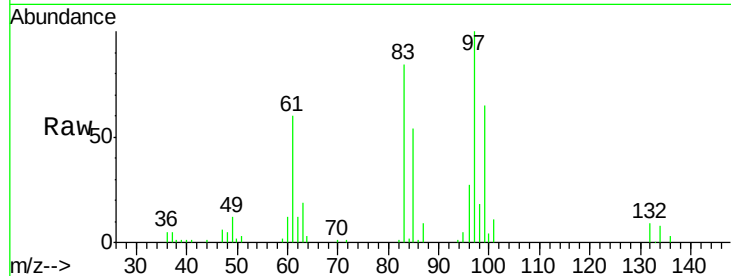
#55
 1,1,2-Trichloroethane
 Concen: 19.645 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	97	Resp	56814
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.2	102.2
85	53.8	43.2	64.8
99	64.6	48.5	72.7

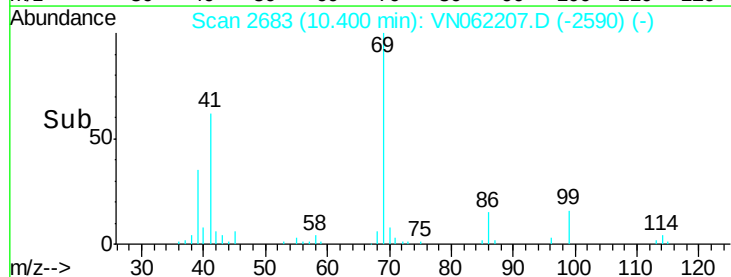
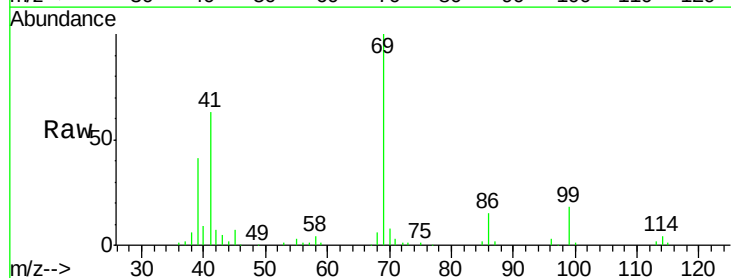
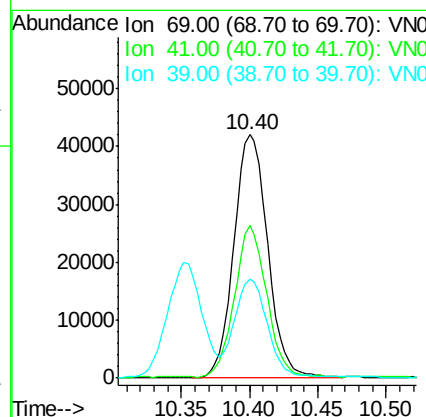
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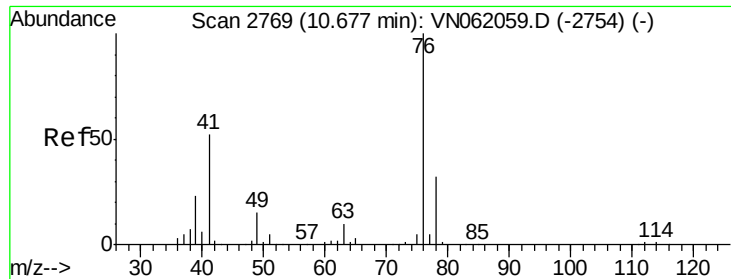
MMDadoda
 6/30/2020 10:42:31 AM



#56
 Ethyl methacrylate
 Concen: 18.845 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	69	Resp	72735
Ion	Ratio	Lower	Upper
69	100		
41	60.4	46.6	70.0
39	39.3	31.0	46.4





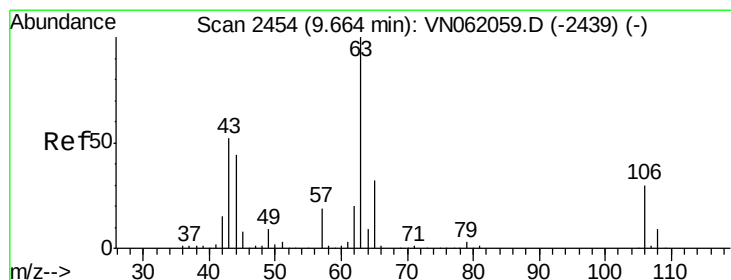
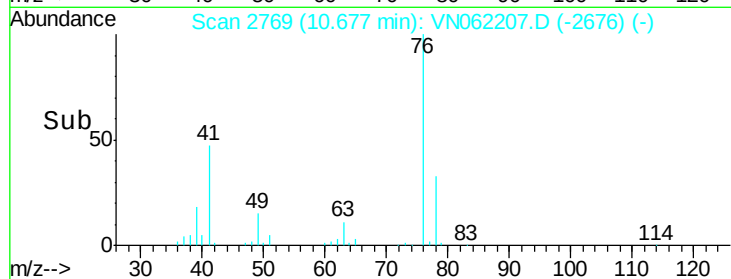
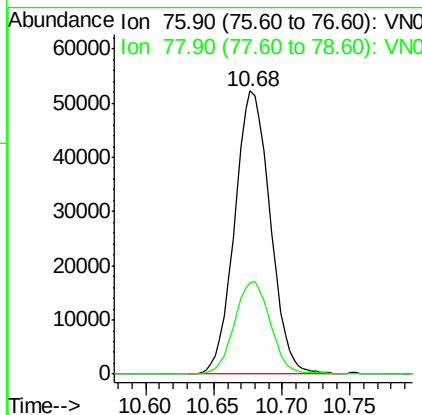
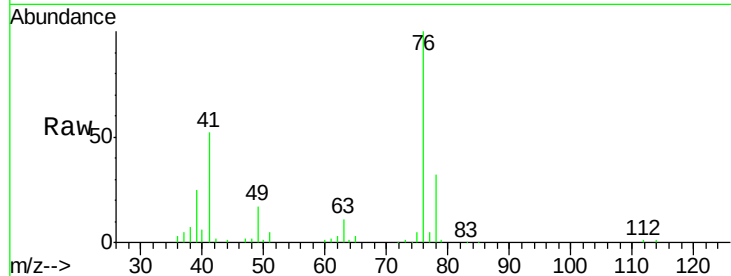
#57
 1,3-Dichloropropane
 Concen: 19.015 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion: 76 Resp: 94654
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8

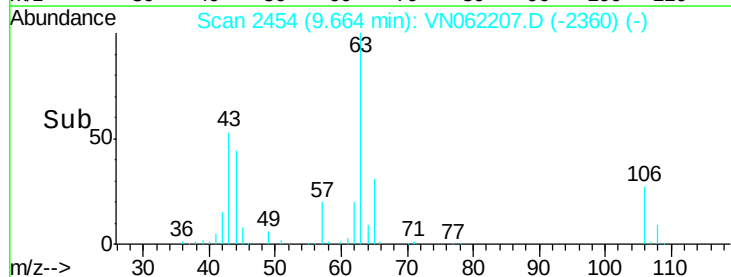
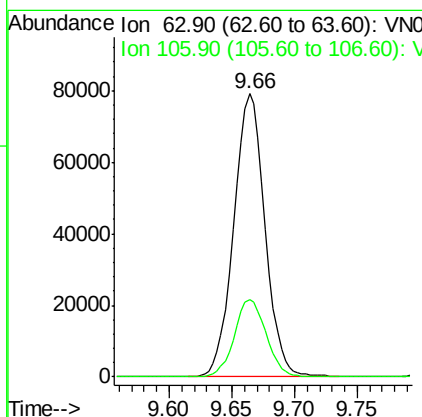
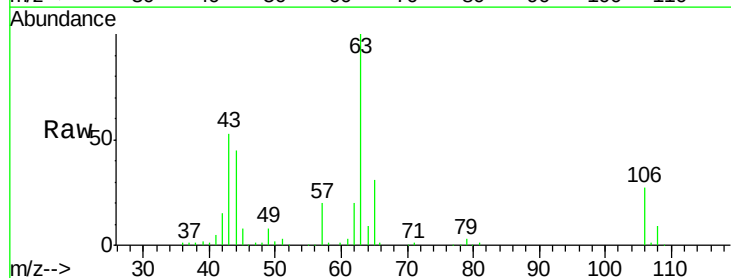
Manual Integrations
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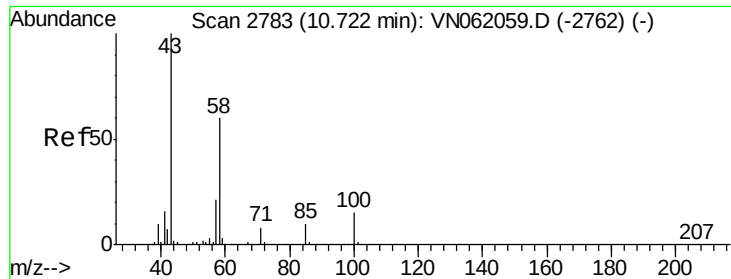
MMDadoda
 6/30/2020 10:42:31 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.065 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 63 Resp: 136929
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.2 34.8





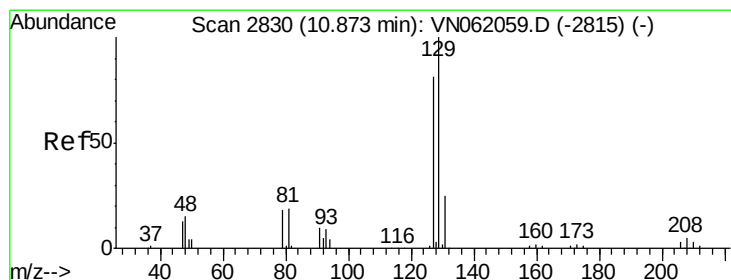
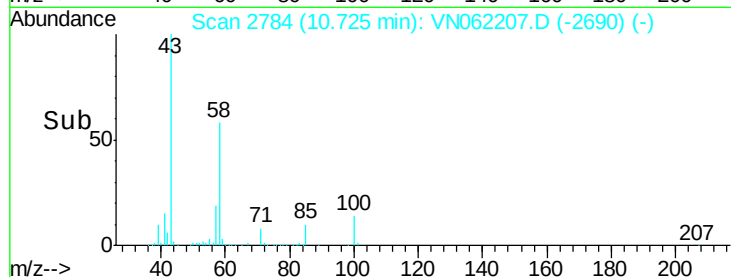
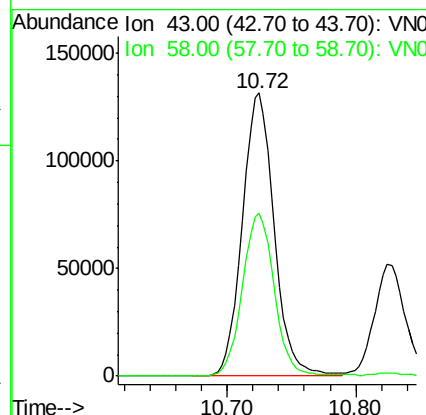
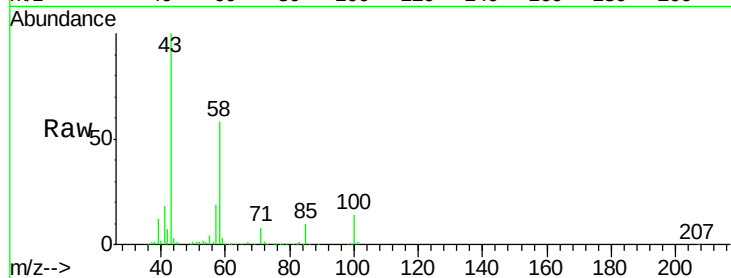
#59
2-Hexanone
Concen: 100.297 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.8	29.5	88.5

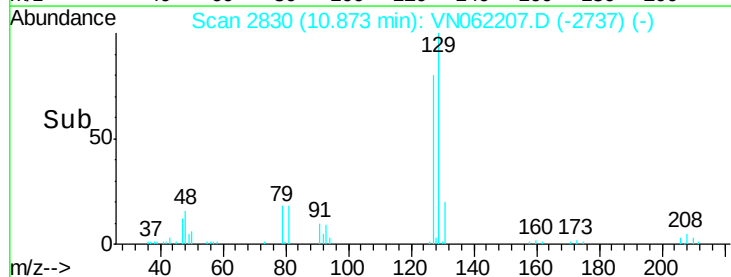
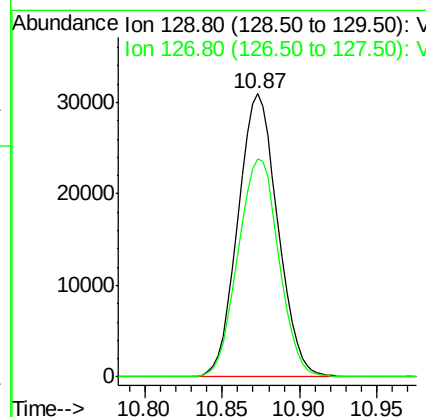
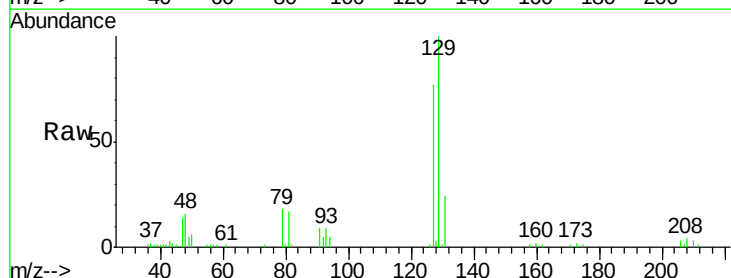
Manual Integrations
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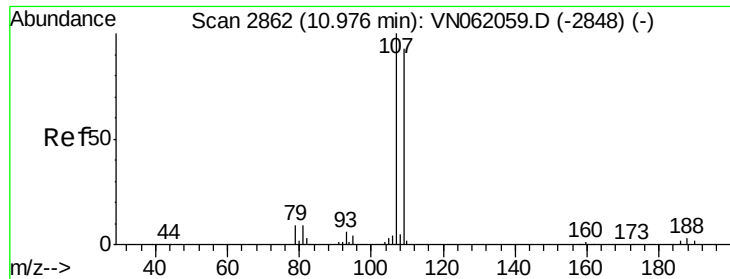
MMDadoda
6/30/2020 10:42:31 AM



#60
Dibromochloromethane
Concen: 18.065 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.5	118.5





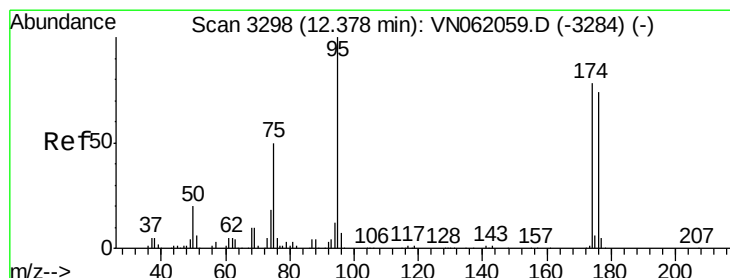
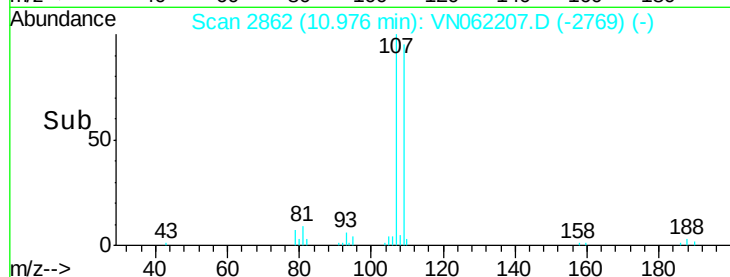
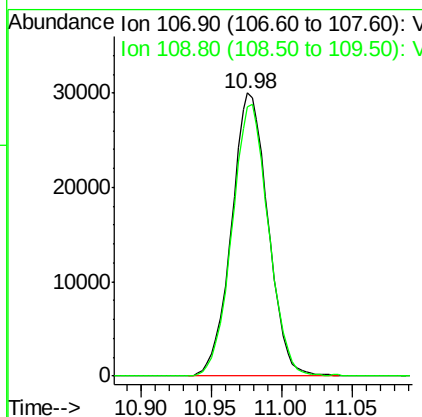
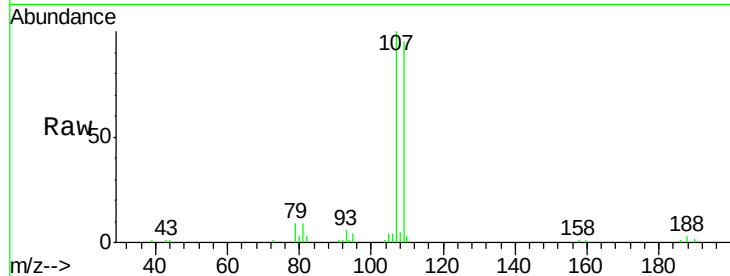
#61
 1,2-Dibromoethane
 Concen: 18.245 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion: 107 Resp: 54216
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.0 112.6

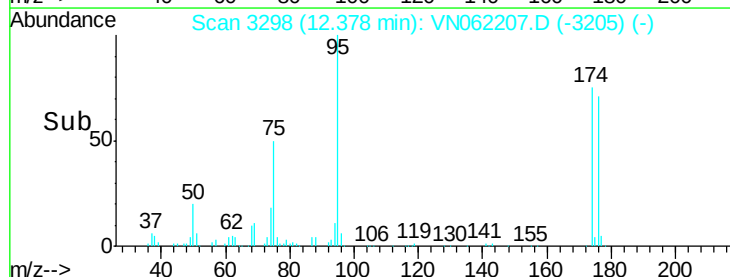
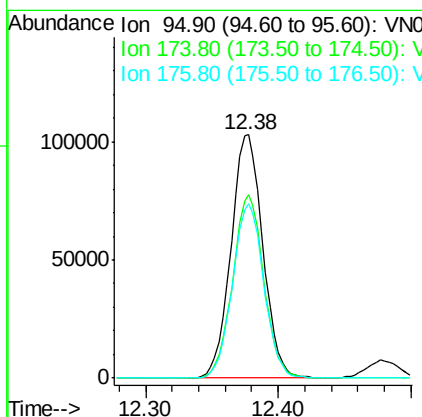
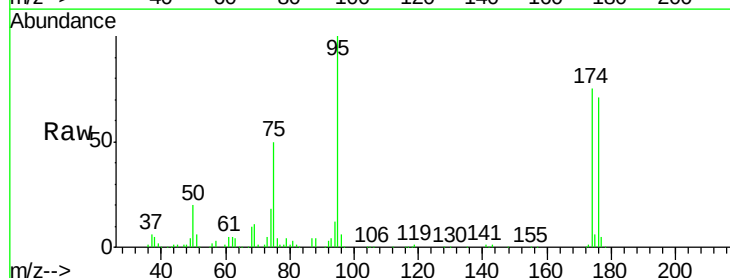
Manual Integrations
 APPROVED

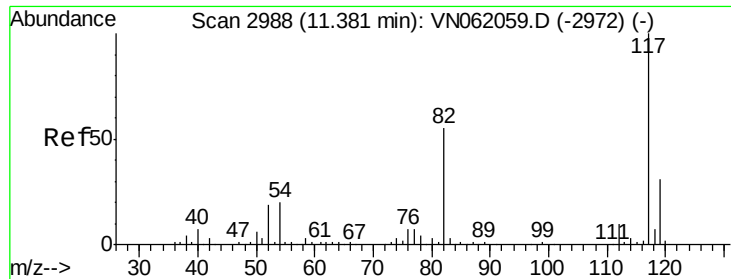
MMDadoda
 6/30/2020 10:42:31 AM



#62
 4-Bromofluorobenzene
 Concen: 50.285 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 95 Resp: 171478
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 154.8
 176 70.4 0.0 147.4





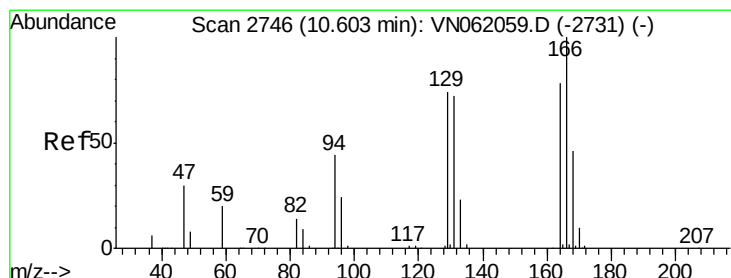
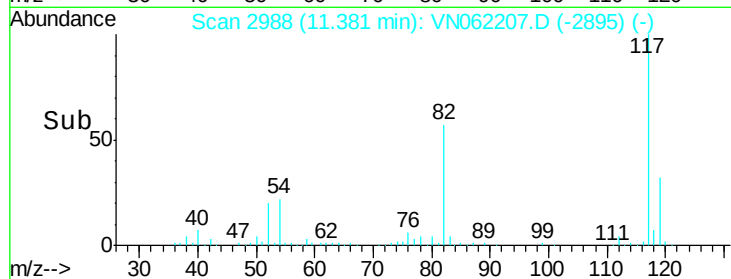
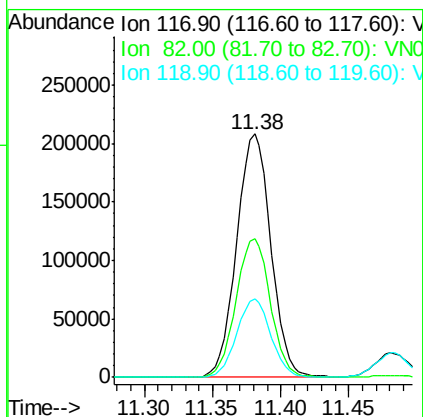
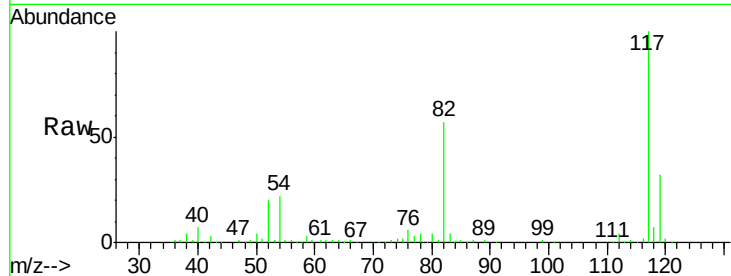
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.8	65.8
119	32.2	25.2	37.8

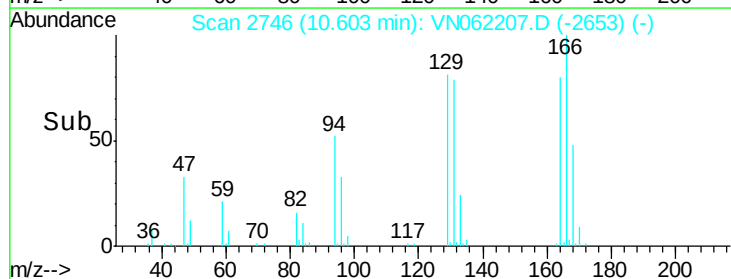
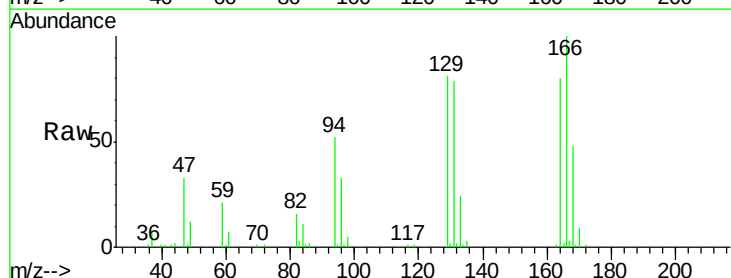
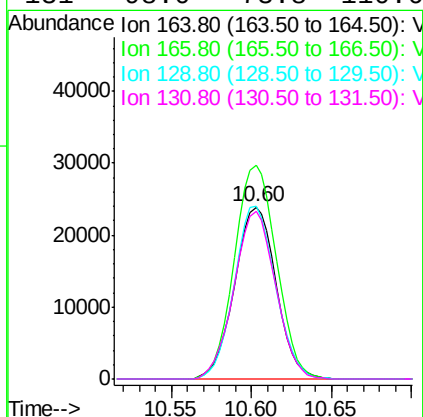
Manual Integrations
APPROVED

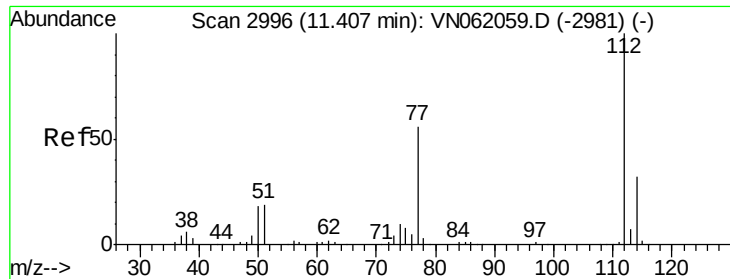
MMDadoda
6/30/2020 10:42:31 AM



#64
Tetrachloroethene
Concen: 17.071 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	102.9	154.3
129	100.4	75.8	113.8
131	98.0	73.8	110.6





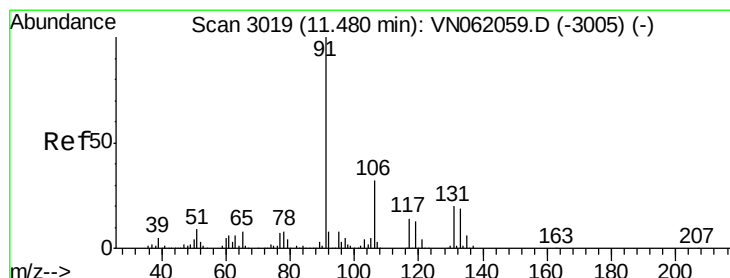
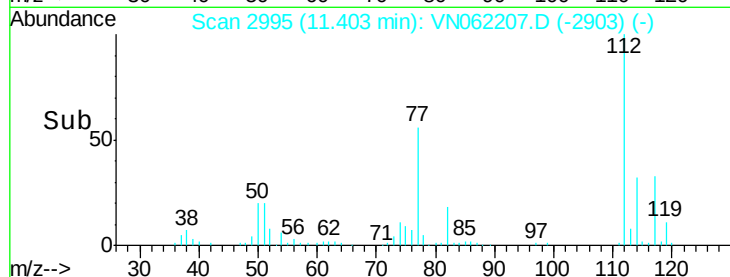
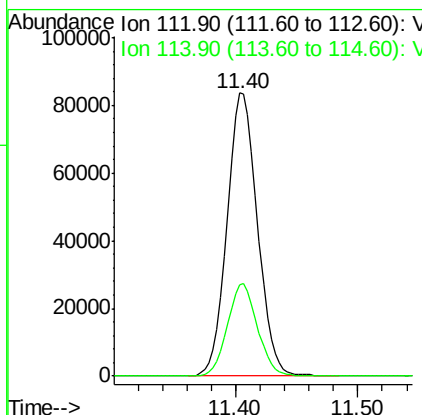
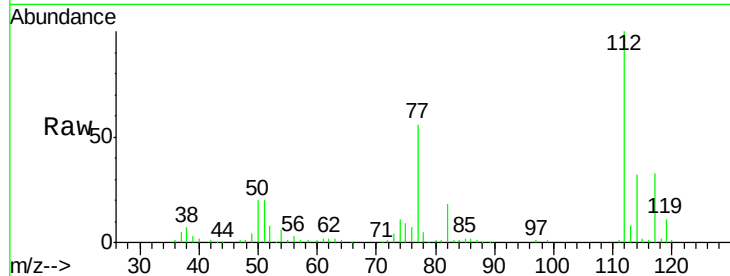
#65
Chlorobenzene
Concen: 18.249 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion:112 Resp: 145641
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

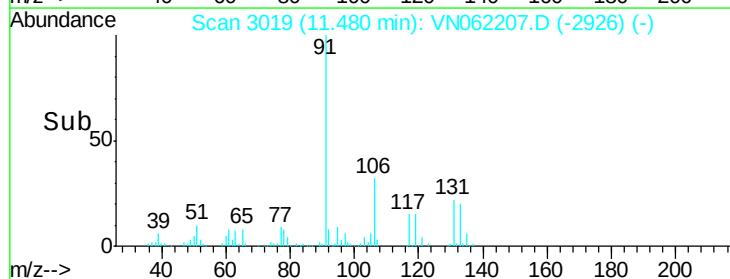
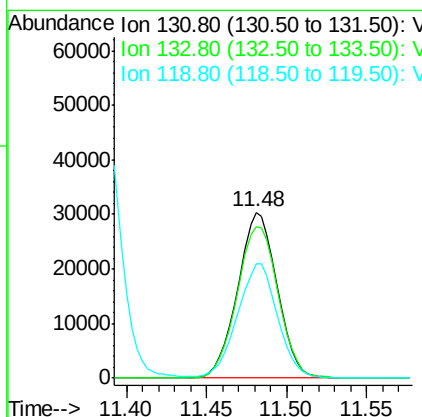
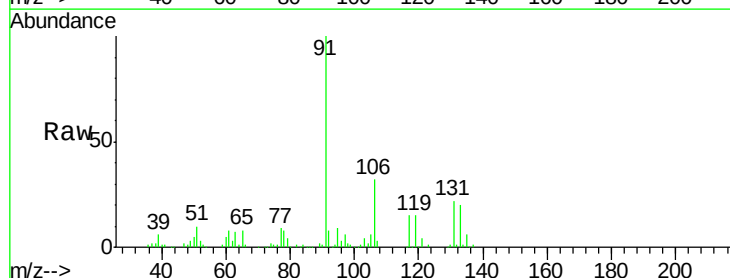
Manual Integrations
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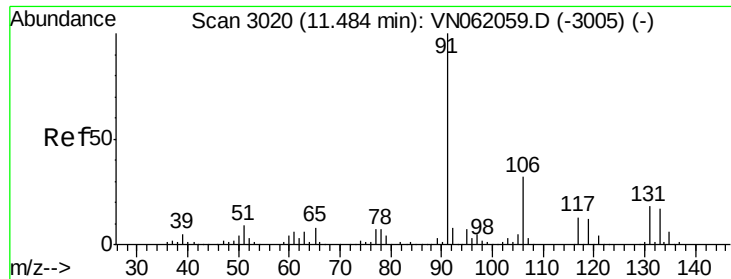
MMDadoda
6/30/2020 10:42:31 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.483 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion:131 Resp: 51006
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 70.5 34.4 103.3





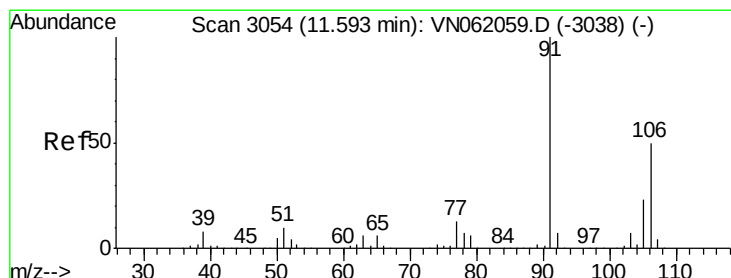
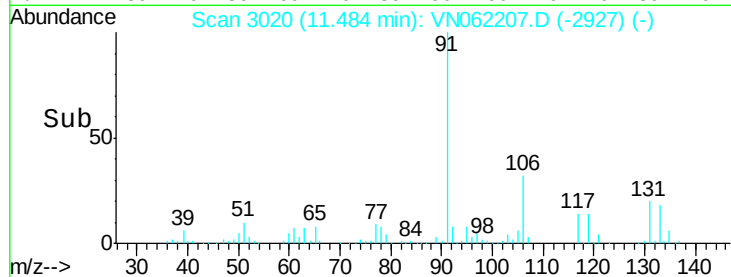
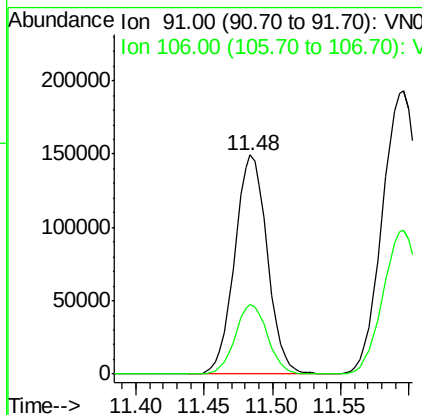
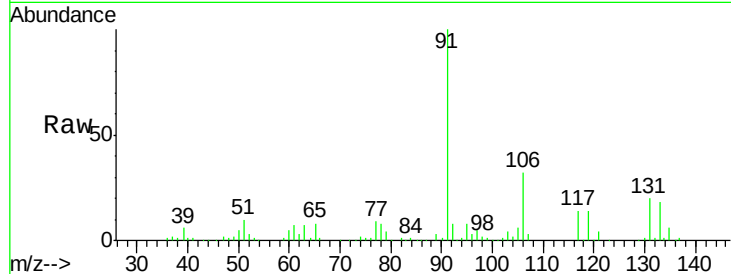
#67
Ethyl Benzene
Concen: 18.386 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion: 91 Resp: 247810
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9

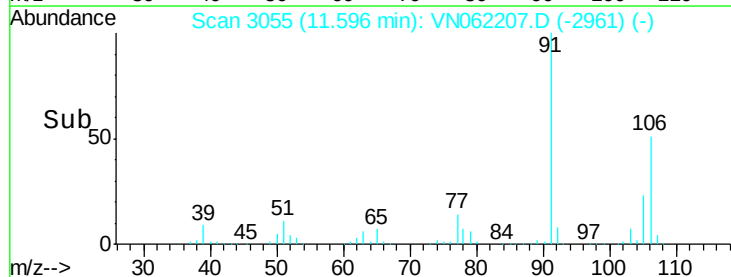
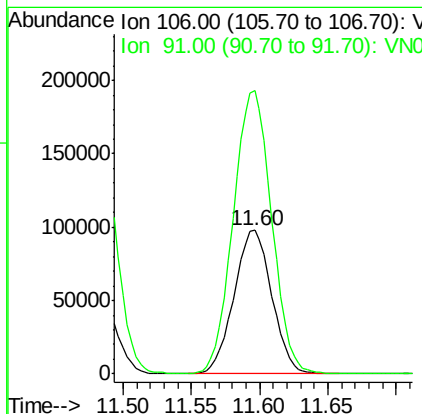
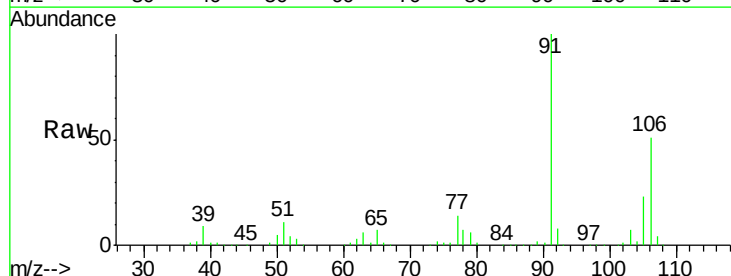
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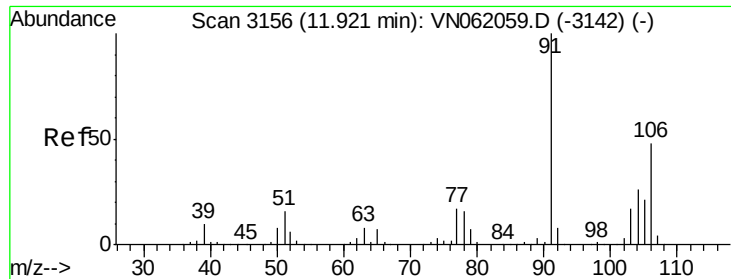
MMDadoda
6/30/2020 10:42:31 AM



#68
m/p-Xylenes
Concen: 36.123 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 106 Resp: 188313
Ion Ratio Lower Upper
106 100
91 199.8 157.8 236.8





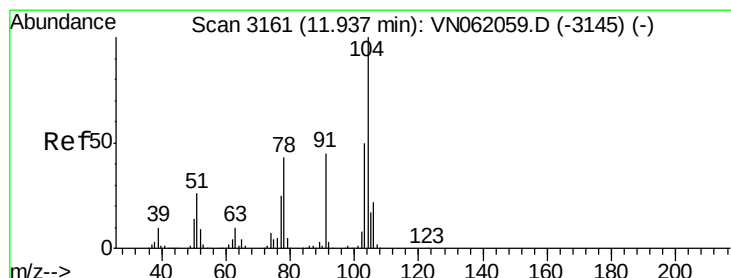
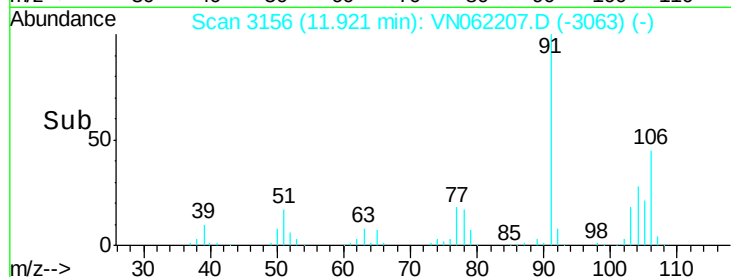
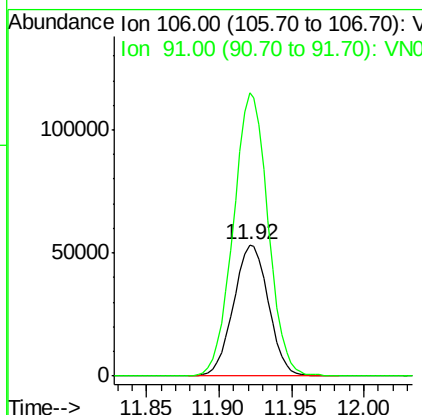
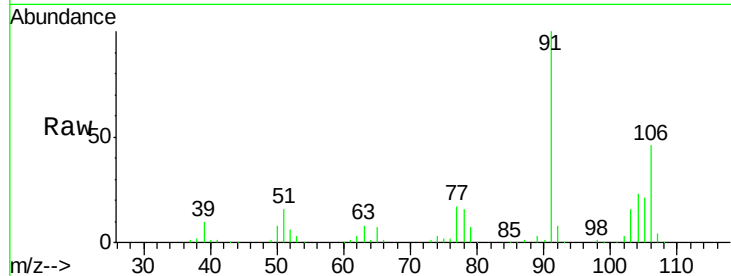
#69
o-Xylene
Concen: 18.174 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		89392		
91	214.0	104.0	311.9		

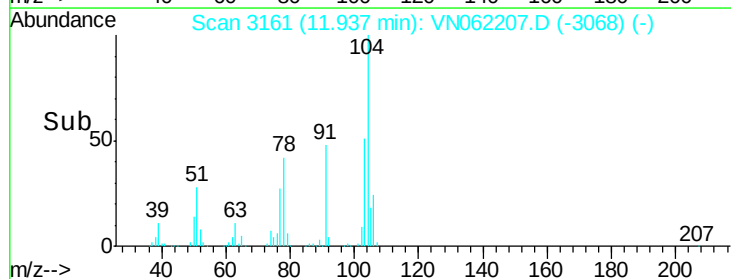
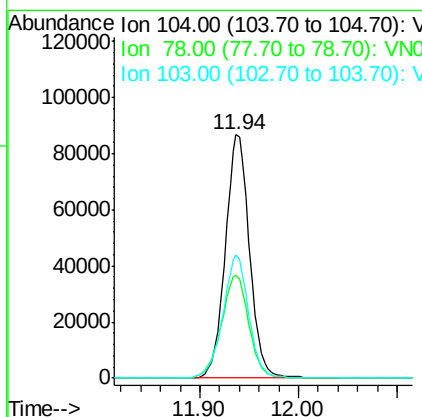
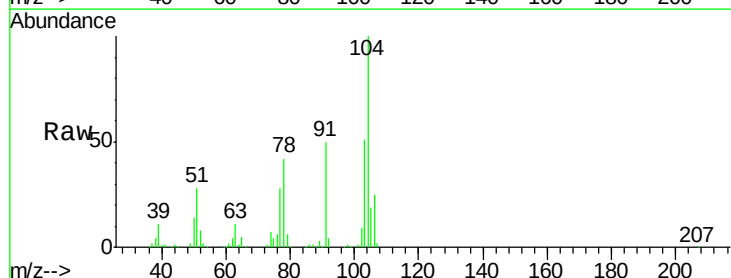
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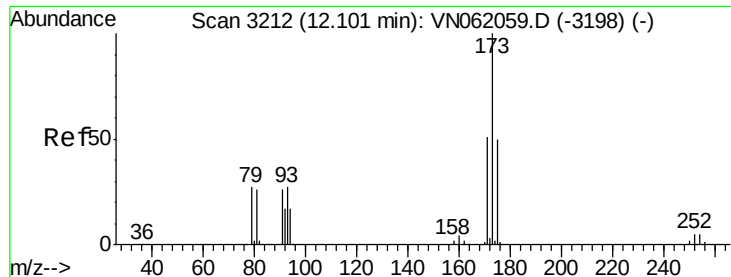
MMDadoda
6/30/2020 10:42:31 AM



#70
Styrene
Concen: 18.209 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		149371		
78	47.6	37.7	56.5		
103	53.6	43.0	64.6		





#71

Bromoform

Concen: 17.873 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion:173 Resp: 35069

Ion Ratio Lower Upper

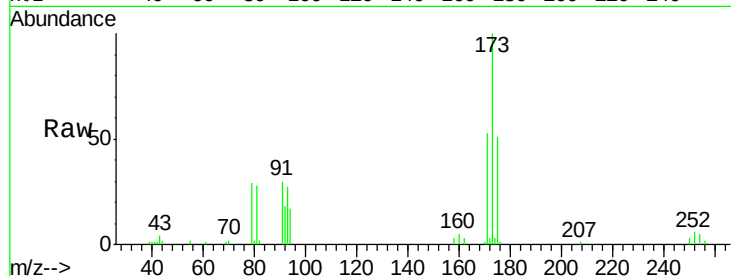
173 100

175 48.4 24.7 74.1

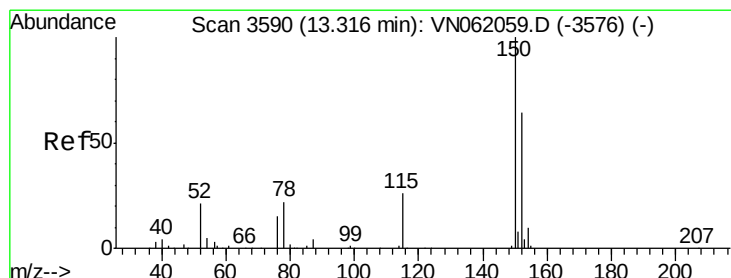
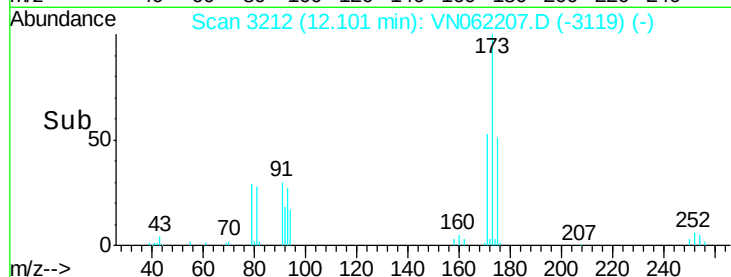
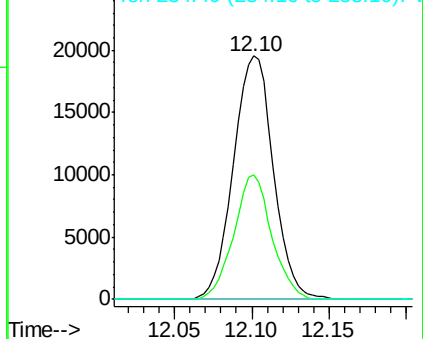
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

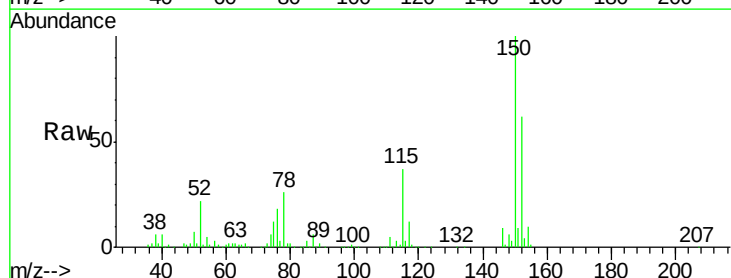
Tgt Ion:152 Resp: 158467

Ion Ratio Lower Upper

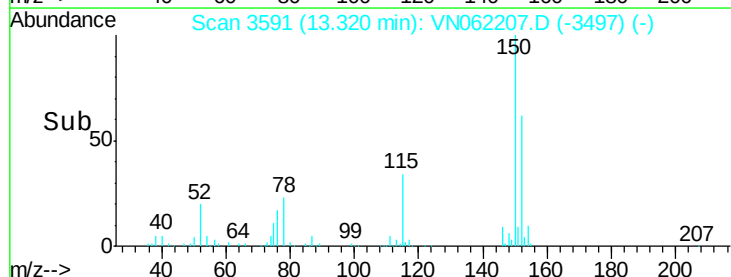
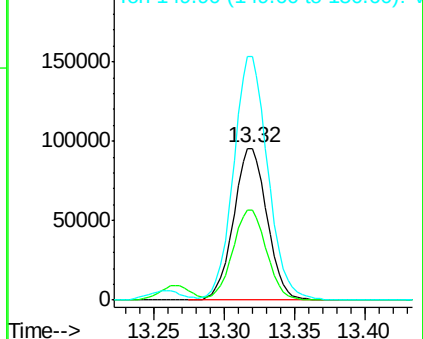
152 100

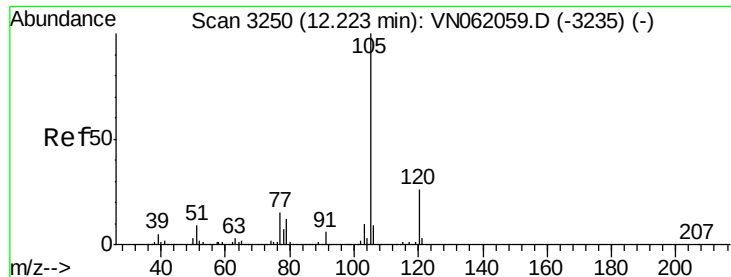
115 60.1 29.5 88.5

150 164.5 0.0 351.4



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





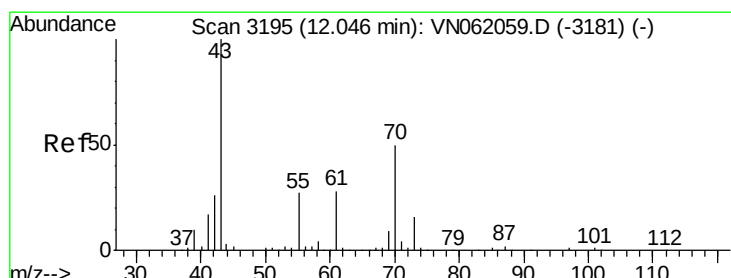
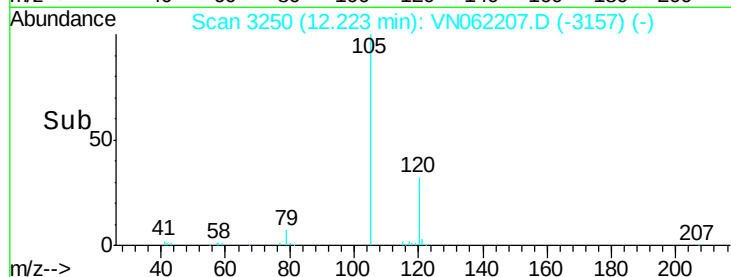
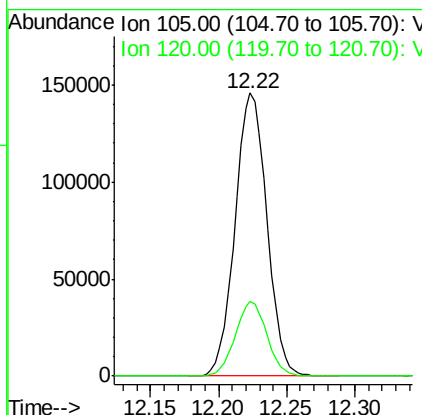
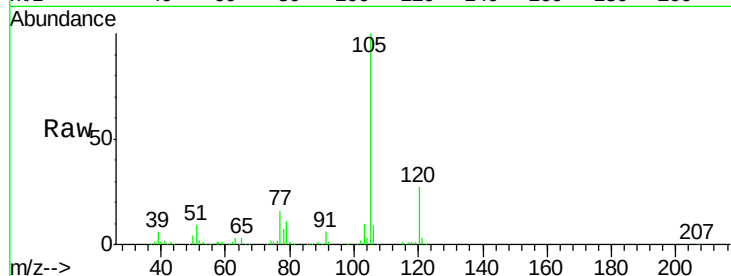
#73
Isopropylbenzene
Concen: 19.266 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.6

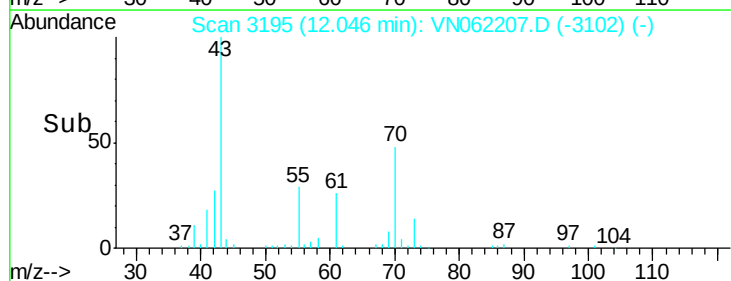
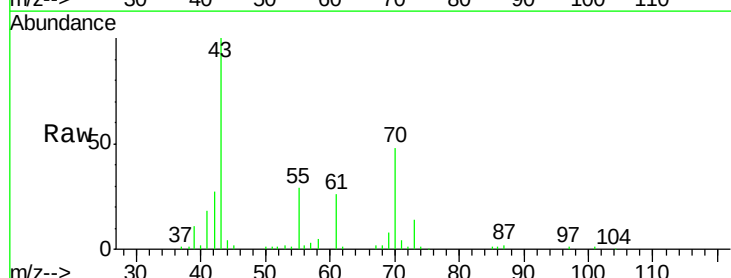
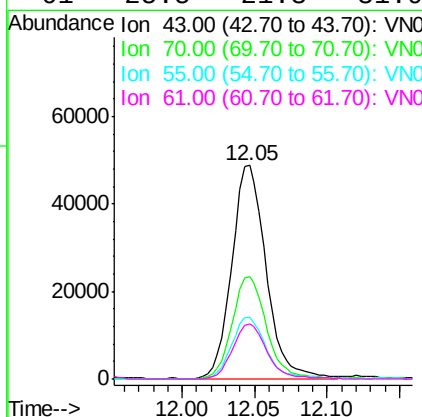
Manual Integrations
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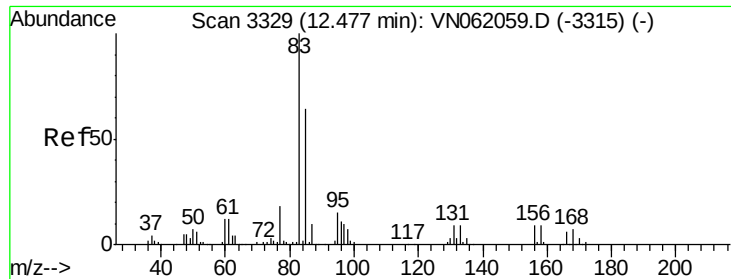
MMDadoda
6/30/2020 10:42:31 AM



#74
N-ethyl acetate
Concen: 20.015 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.0	39.4	59.2
55	29.1	21.7	32.5
61	25.5	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.979 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

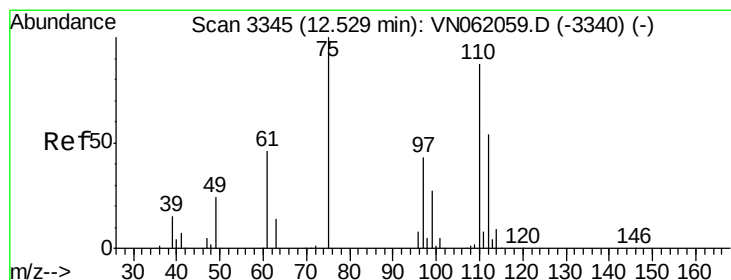
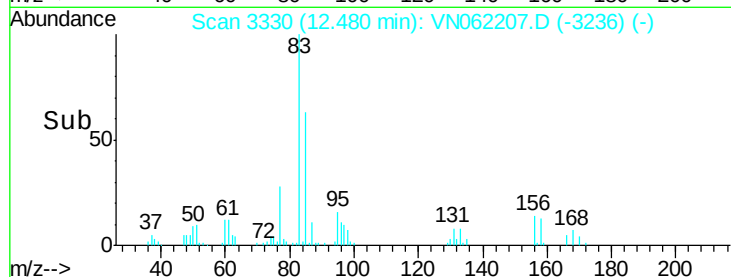
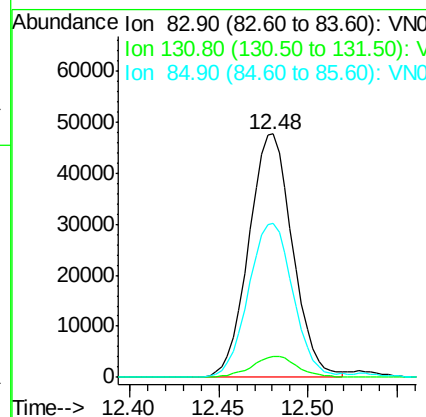
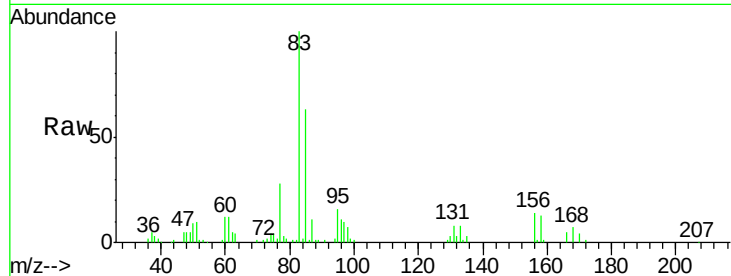
ClientSampleId :

VN0629WBS02

Tot Ion:	83	Resp:	81556
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.8	14.4
85	64.8	32.4	97.0

Manual Integrations
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6/30/2020 10:42:31 AM



#76

1,2,3-Trichloropropane

Concen: 19.692 ug/l m

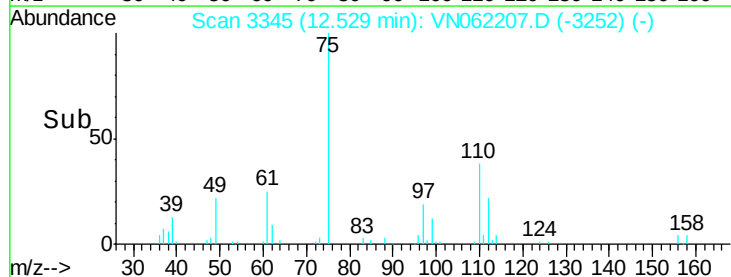
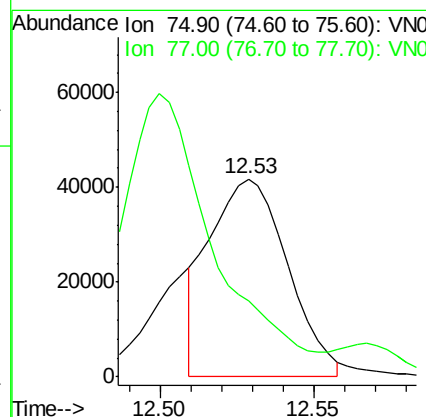
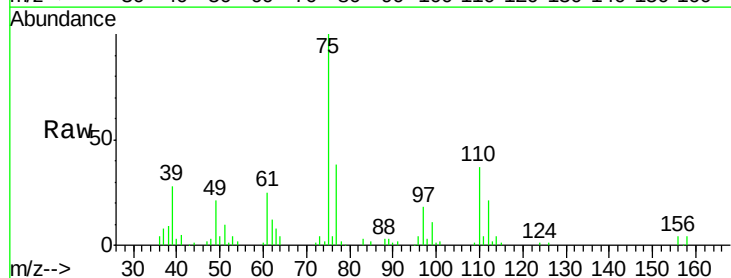
RT: 12.53 min Scan# 3345

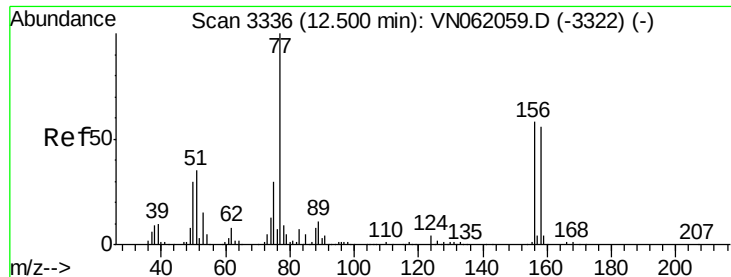
Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion:	75	Resp:	73459
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.855 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

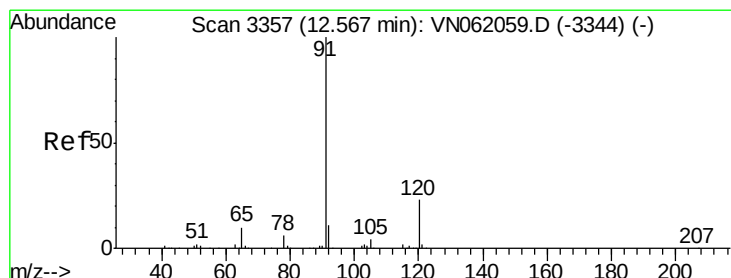
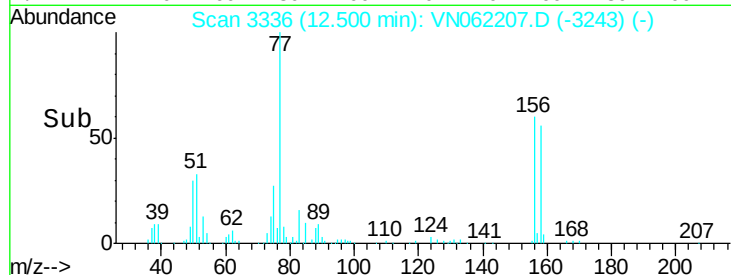
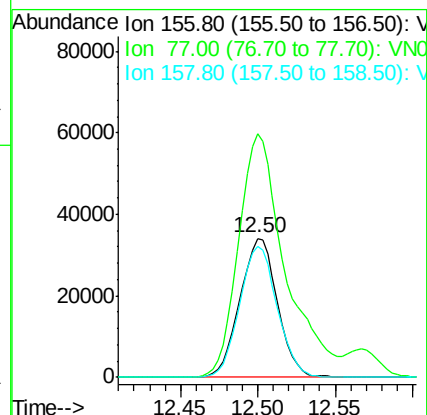
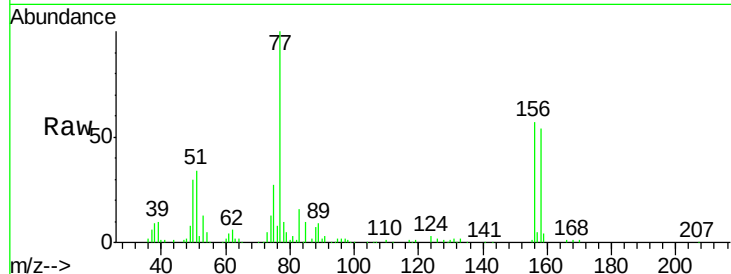
ClientSampleId :

VN0629WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	217.0	104.6	313.8
158	94.2	48.0	144.0

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#78

n-propylbenzene

Concen: 19.600 ug/l

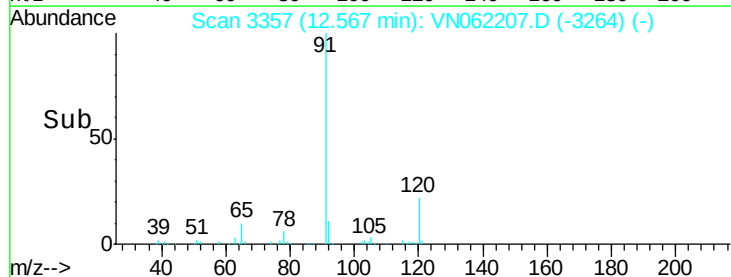
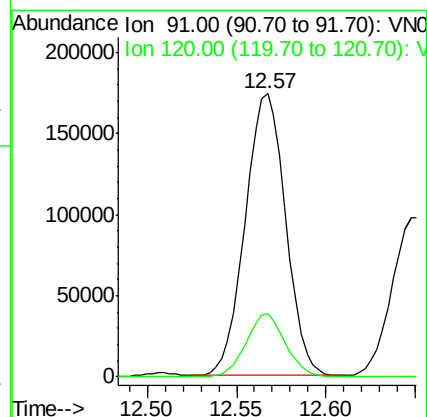
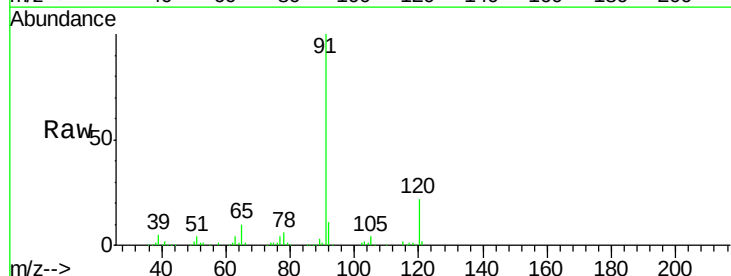
RT: 12.57 min Scan# 3357

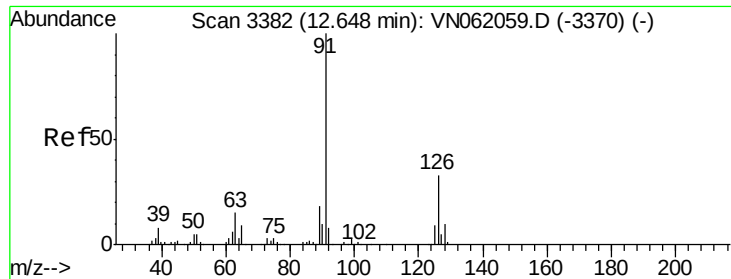
Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.4	34.1





#79

2-Chlorotoluene

Concen: 19.392 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion: 91 Resp: 164494

Ion Ratio Lower Upper

91 100

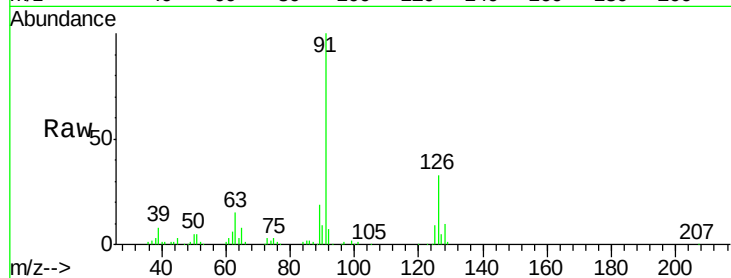
126 33.2 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VN062207.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062207.D (-3383) (-)

150000

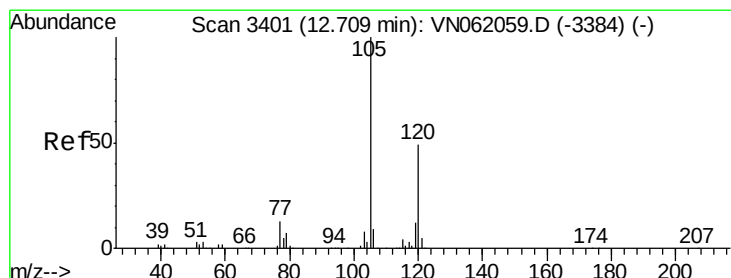
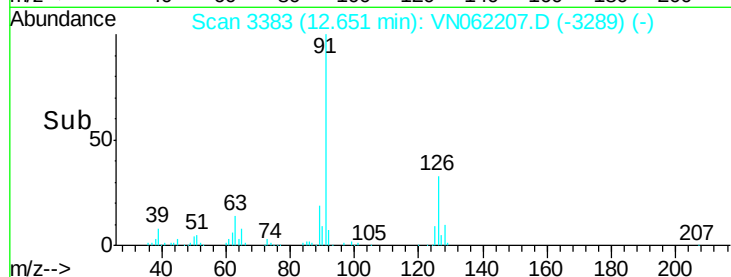
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.754 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062207.D

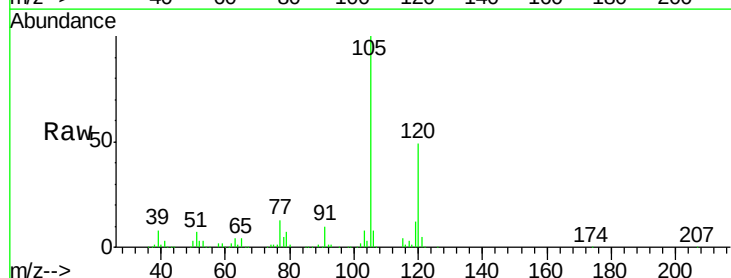
Acq: 30 Jun 2020 00:09

Tgt Ion: 105 Resp: 196432

Ion Ratio Lower Upper

105 100

120 48.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062207.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062207.D (-3401) (-)

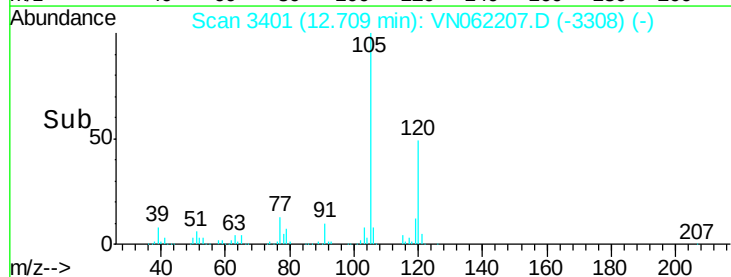
100000

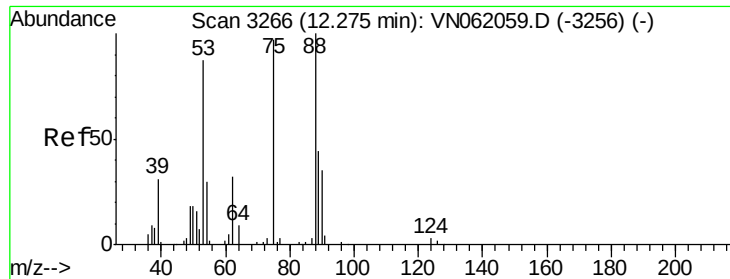
50000

0

12.70 12.71 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.724 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

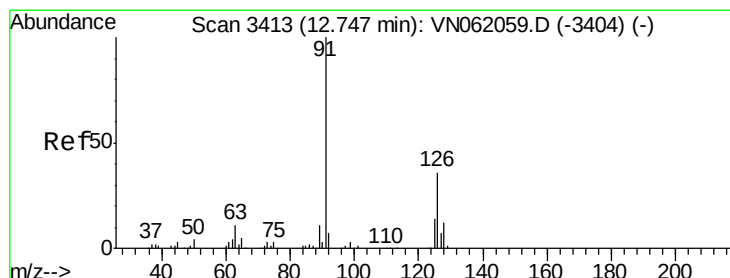
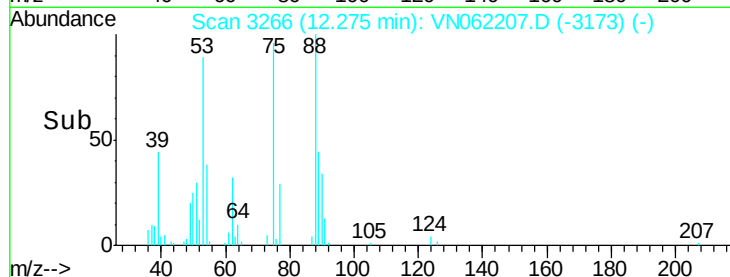
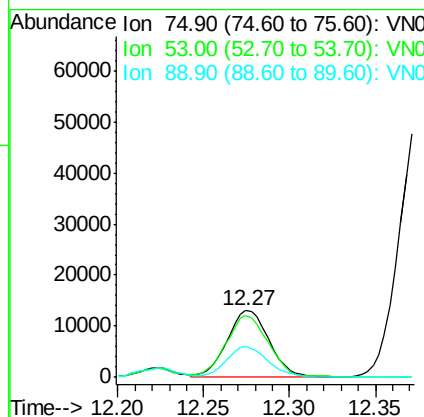
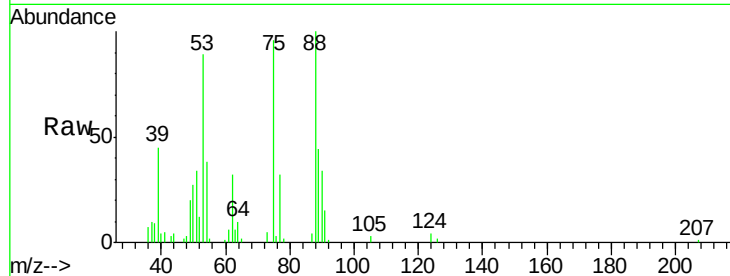
ClientSampleId :

VN0629WBS02

Tot Ion:	75	Resp:	22641
Ion	Ratio	Lower	Upper
75	100		
53	93.4	72.0	108.0
89	44.7	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.963 ug/l

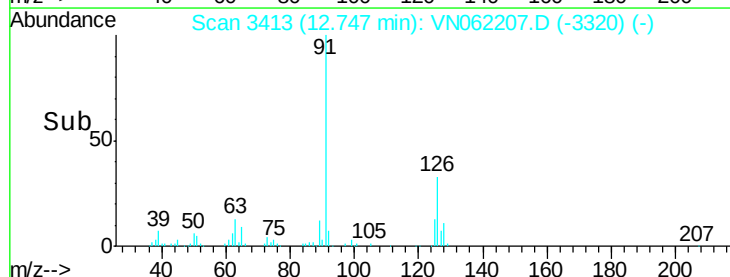
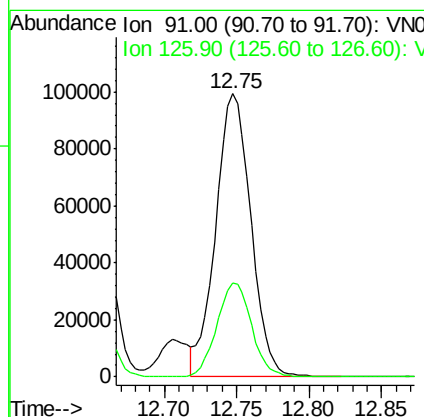
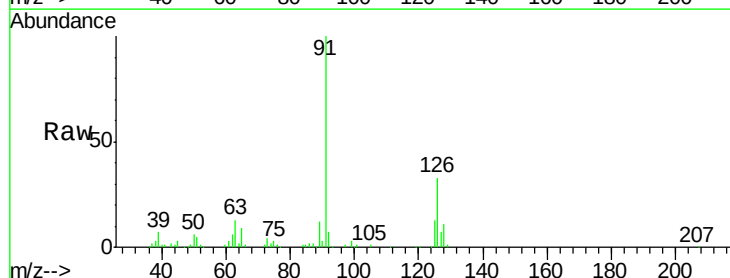
RT: 12.75 min Scan# 3413

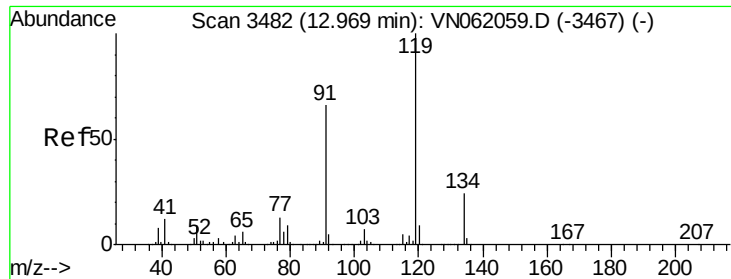
Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion:	91	Resp:	166339
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.7	50.1





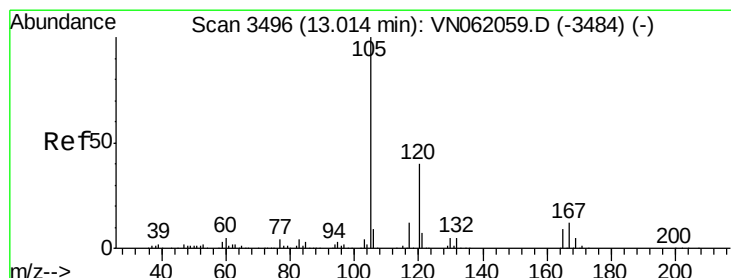
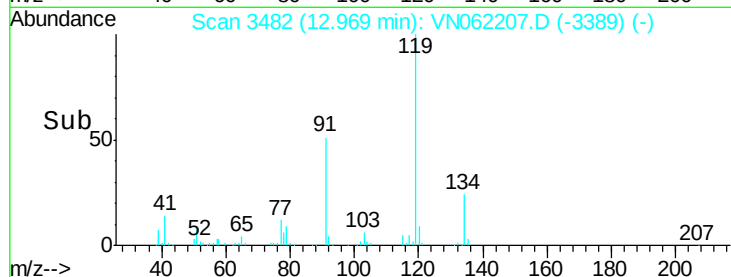
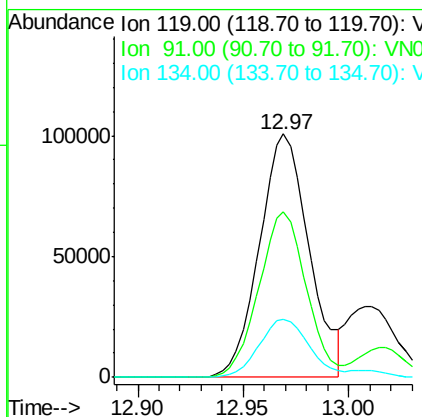
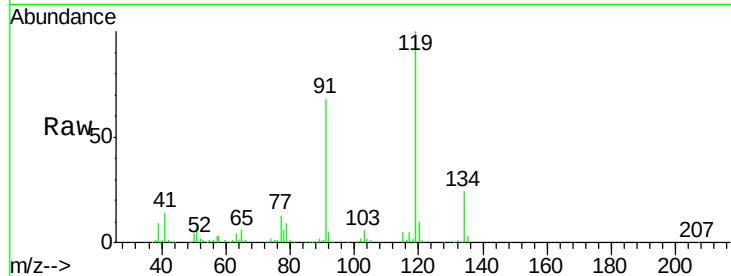
#83
 tert-Butylbenzene
 Concen: 19.360 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	164752		
91	65.5	31.7	95.1	
134	24.2	13.1	39.1	

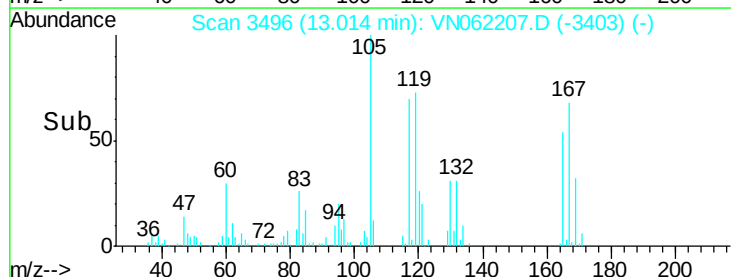
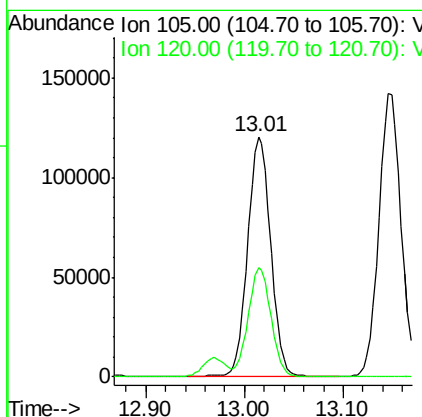
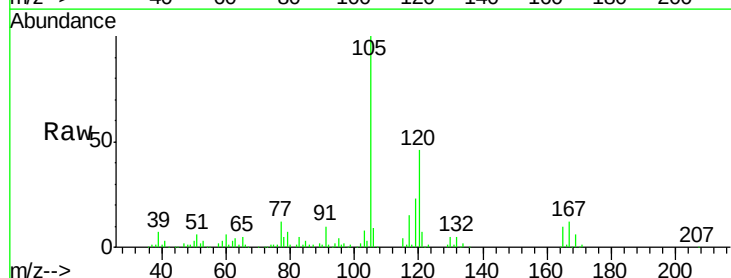
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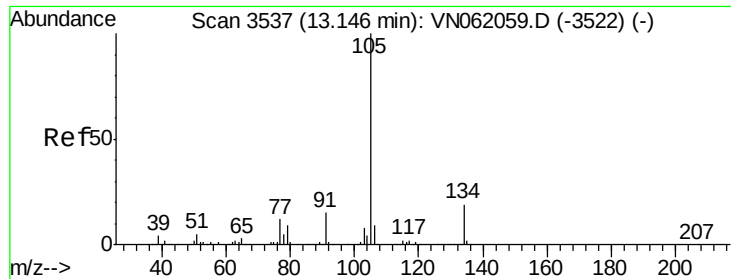
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.618 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194837		
120	44.8	23.2	69.5	





#85

sec-Butylbenzene

Concen: 19.654 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion:105 Resp: 221010

Ion Ratio Lower Upper

105 100

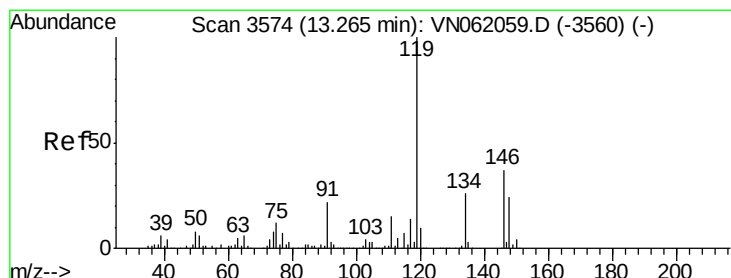
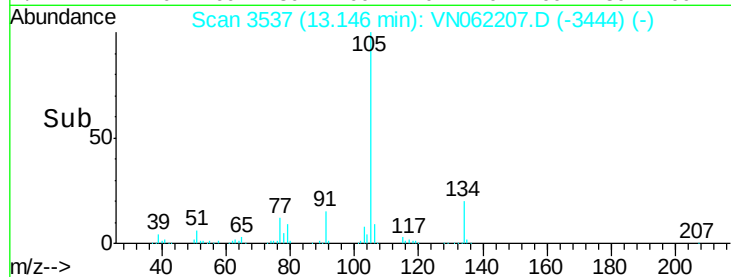
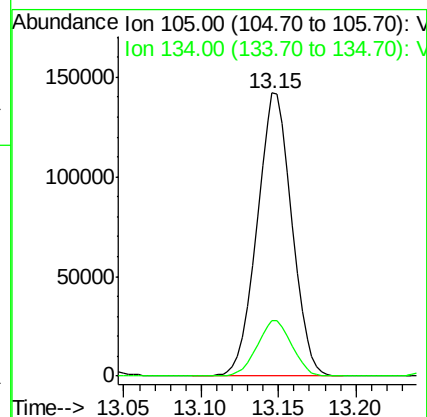
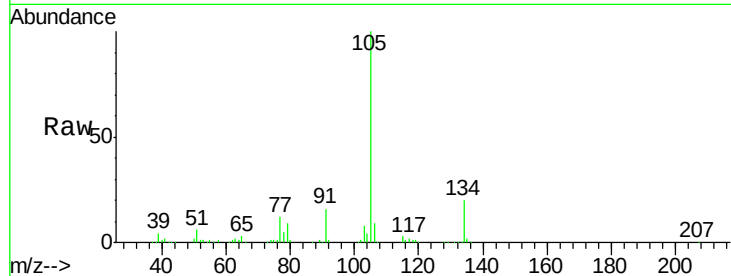
134 19.8 9.7 29.1

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6/30/2020 10:42:31 AM



#86

p-Isopropyltoluene

Concen: 19.371 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

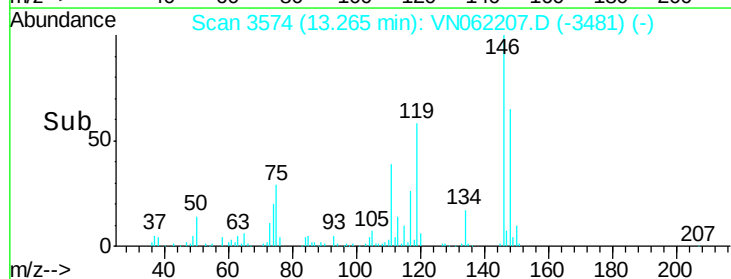
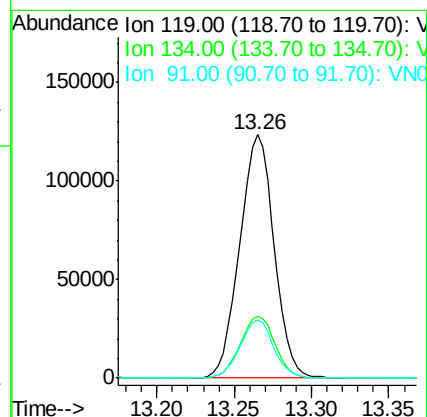
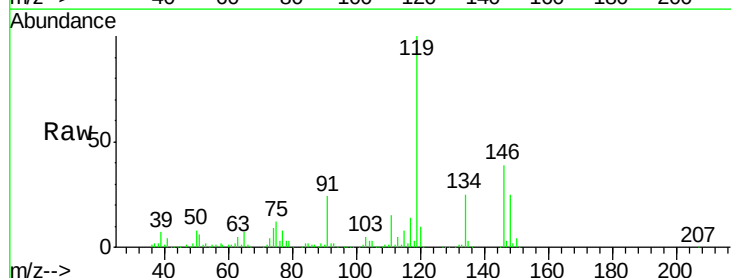
Tgt Ion:119 Resp: 190848

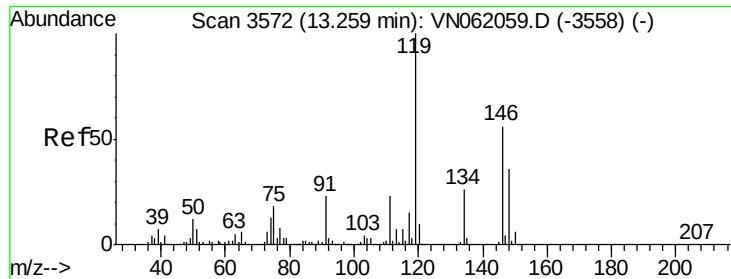
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.4 11.3 33.8





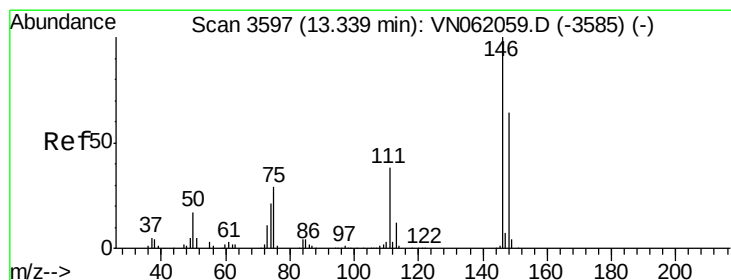
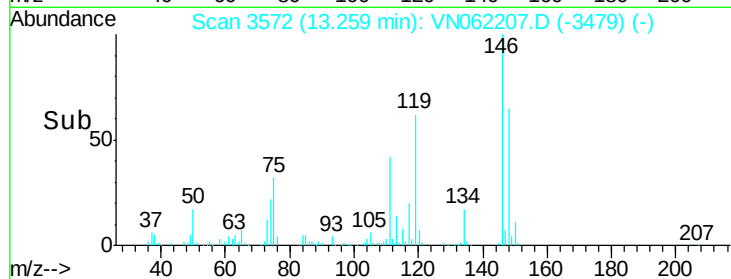
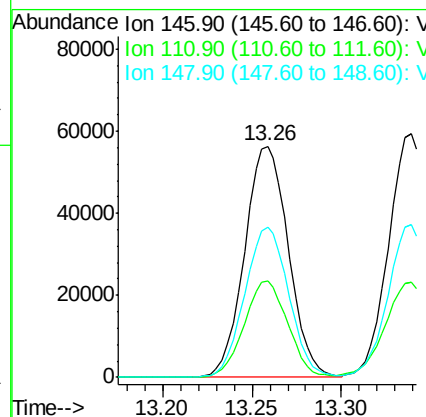
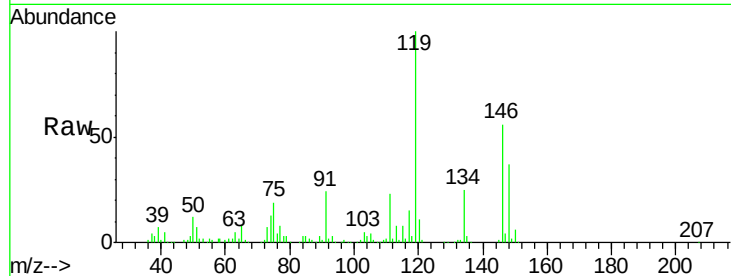
#87
 1,3-Dichlorobenzene
 Concen: 18.138 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	65.0	31.8	95.3

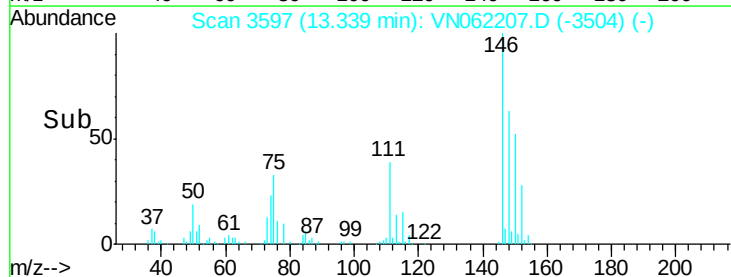
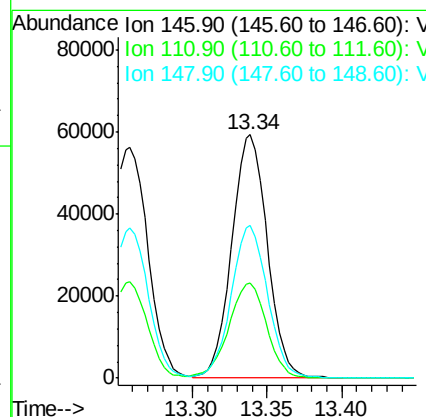
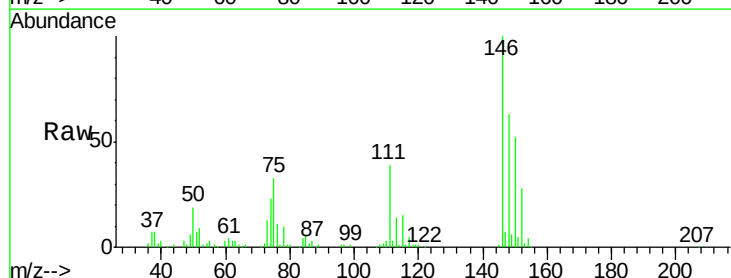
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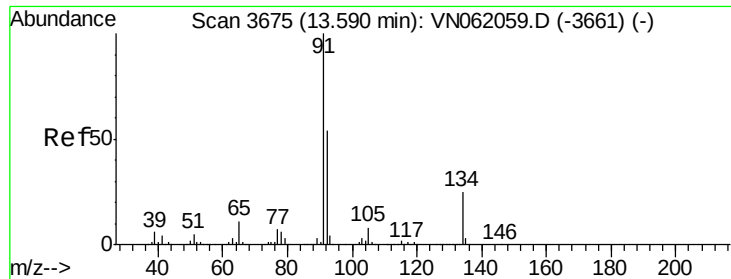
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#88
 1,4-Dichlorobenzene
 Concen: 17.856 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.9	59.6
148	64.4	31.9	95.9





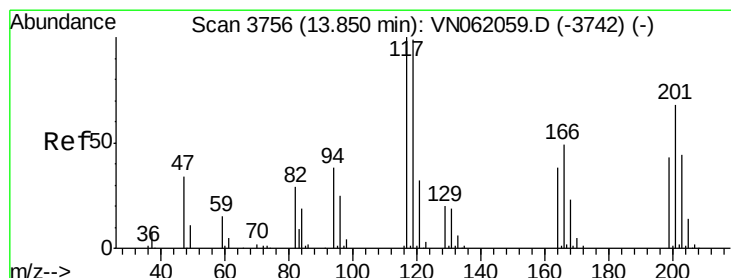
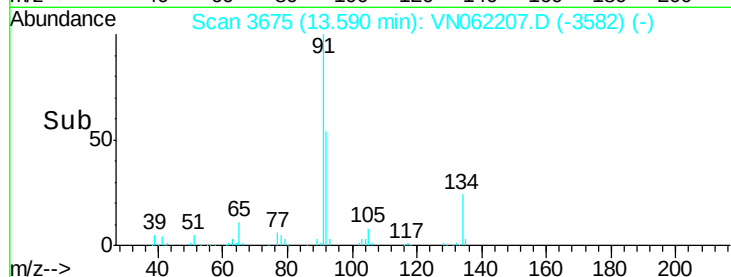
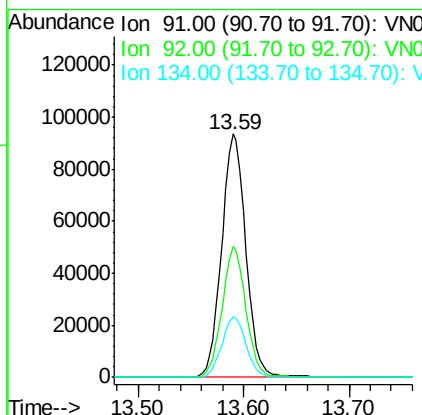
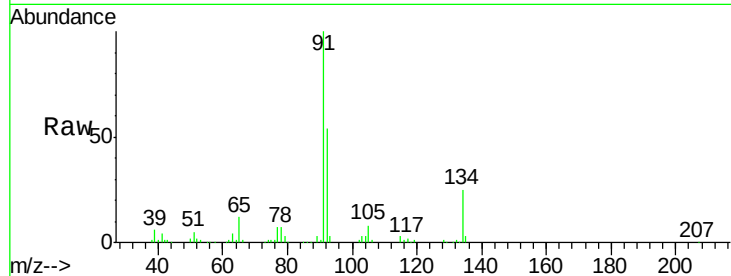
#89
n-Butylbenzene
Concen: 18.101 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	24.8	12.3	36.9

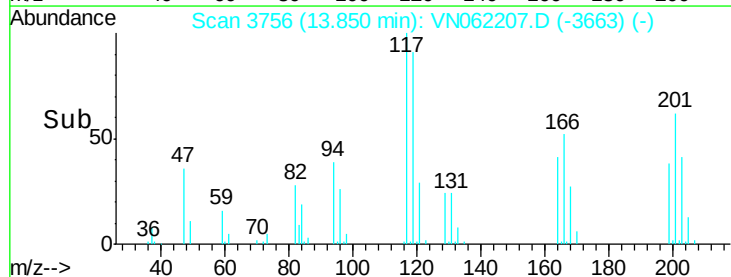
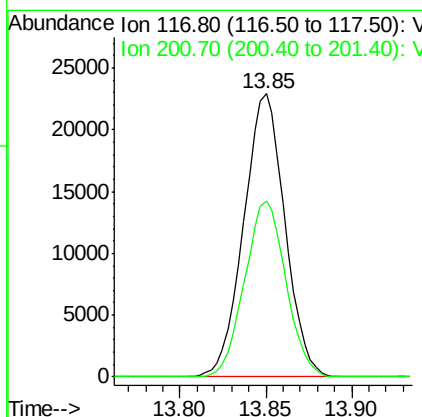
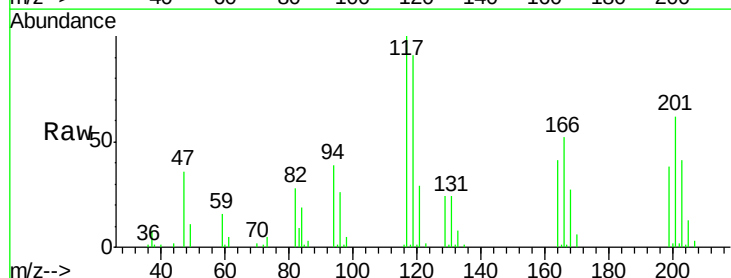
Manual Integrations
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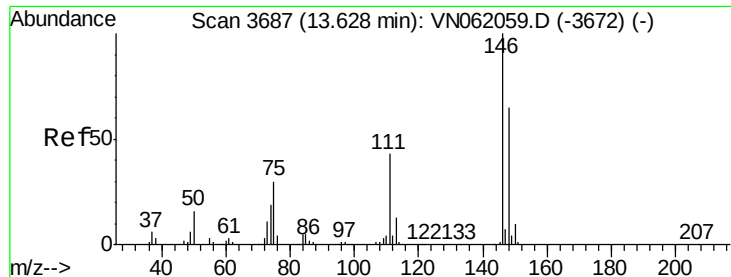
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#90
Hexachloroethane
Concen: 19.743 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.9	32.7	98.1





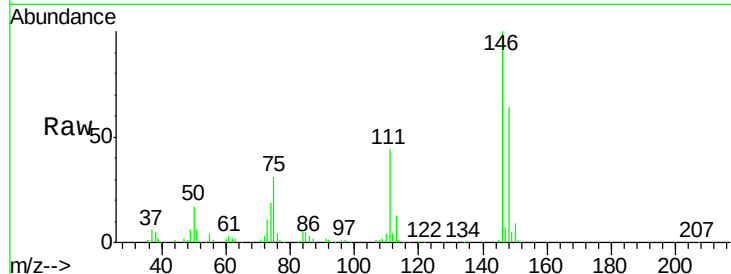
#91
 1,2-Dichlorobenzene
 Concen: 18.587 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

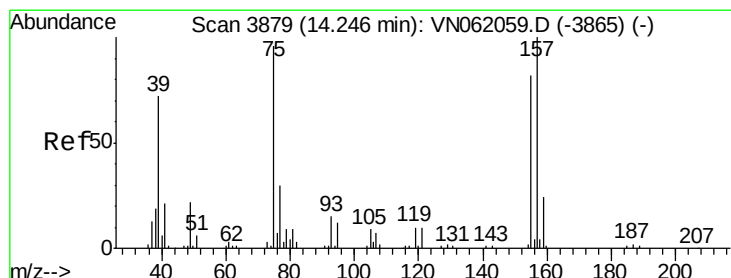
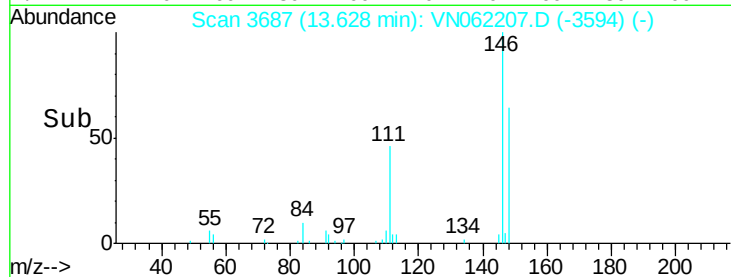
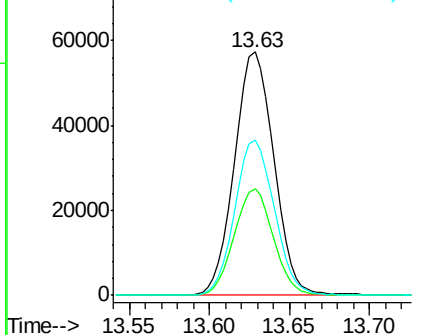
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.2	63.6
148	64.0	31.9	95.5

Manual Integrations
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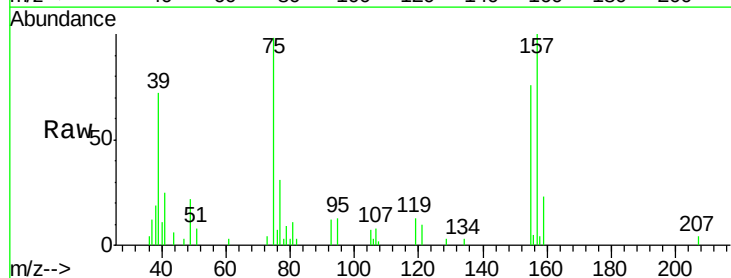


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

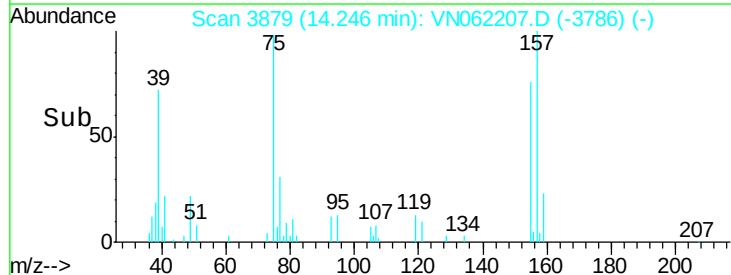
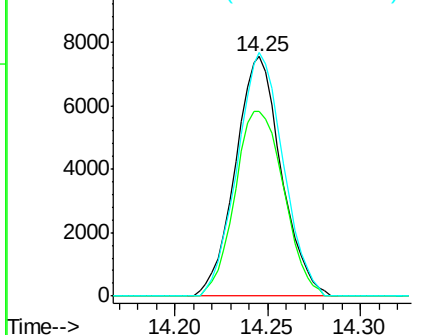


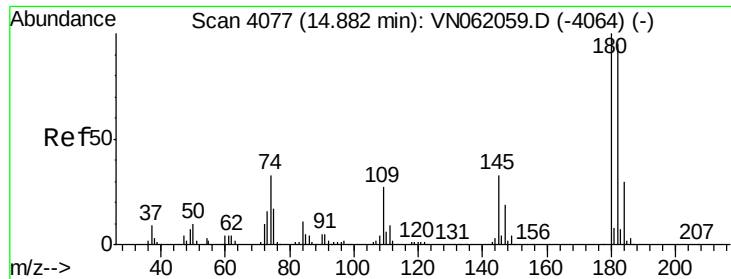
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.810 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.2	40.8	122.4
157	101.6	51.4	154.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





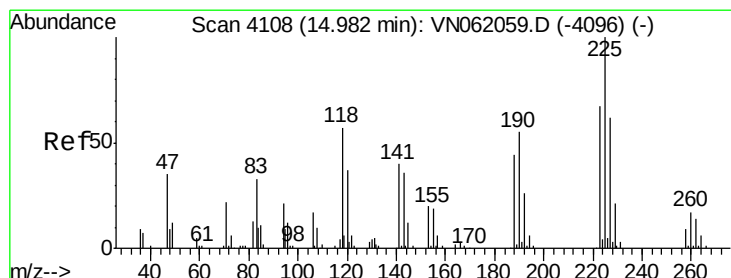
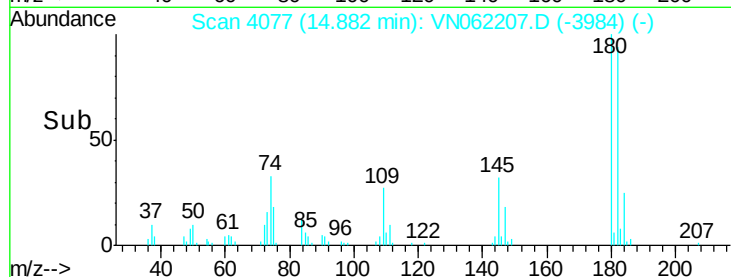
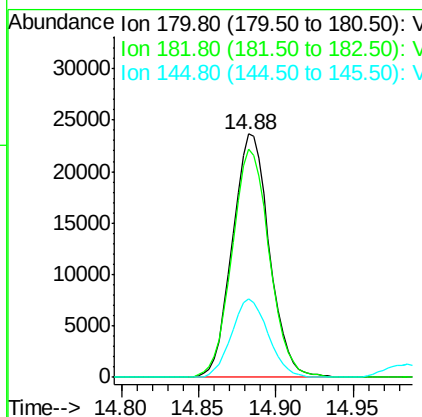
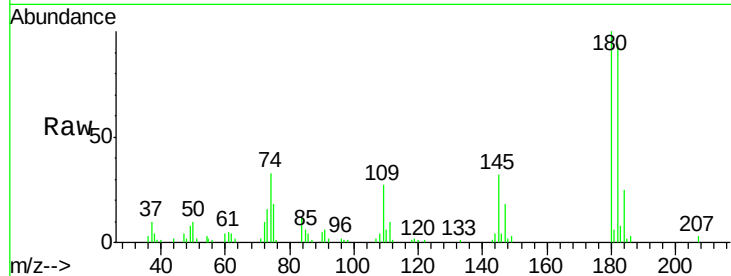
#93
 1,2,4-Trichlorobenzene
 Concen: 17.293 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	31.9	16.0	48.0

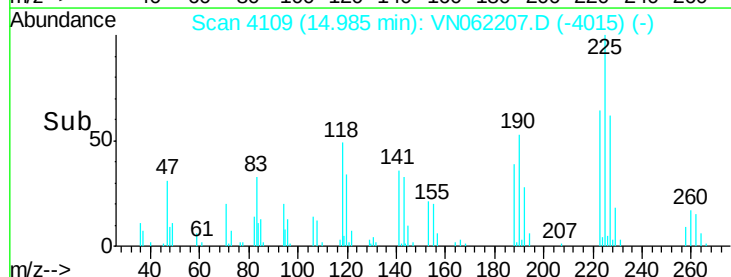
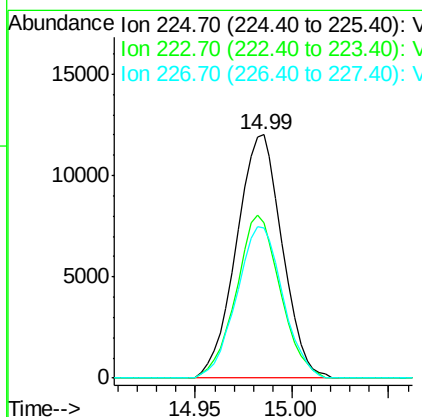
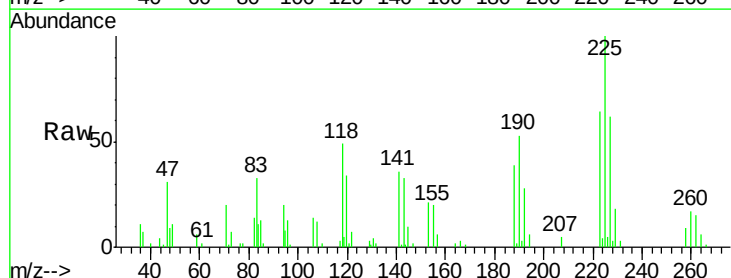
Manual Integrations
 APPROVED

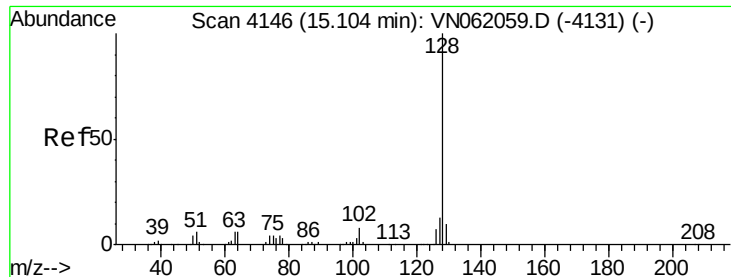
MMDadoda
 6/30/2020 10:42:31 AM



#94
 Hexachlorobutadiene
 Concen: 20.100 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.9	98.7
227	62.5	31.3	93.8





#95

Naphthalene

Concen: 17.574 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

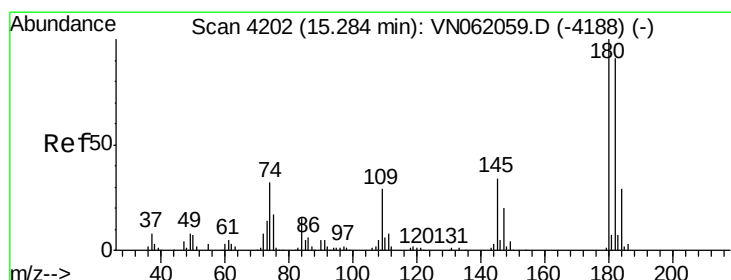
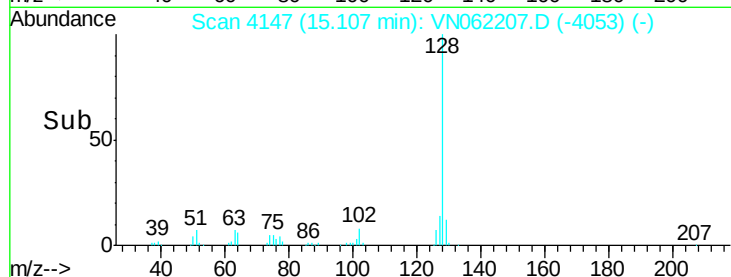
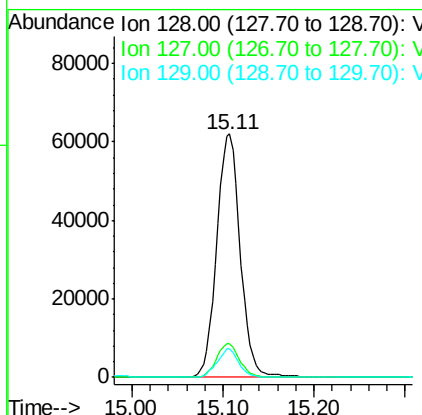
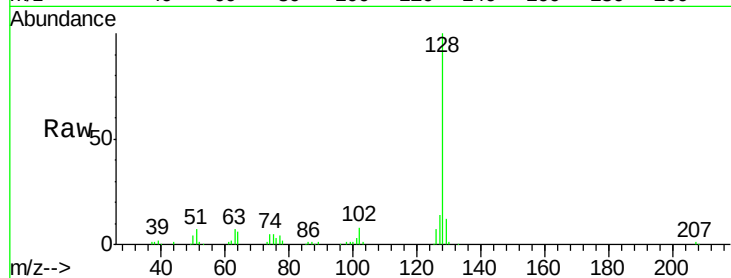
ClientSampleId :

VN0629WBS02

Tot Ion:	128	Resp:	111475
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/30/2020 10:42:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.566 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion:	180	Resp:	40690
Ion Ratio	Lower	Upper	
180	100		
182	96.3	46.8	140.4
145	33.3	16.4	49.2

