

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062104.D
 Acq On : 25 Jun 2020 12:24
 Operator : JC/MD
 Sample : VN0625MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:00:58 PM

Quant Time: Jun 26 02:19:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	233292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	422380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	400676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	170931	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
35) Dibromofluoromethane	7.54	113	135958	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.06	98	521542	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.37	95	182146	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45116	17.109	ug/l	100
3) Chloromethane	2.03	50	58928	18.129	ug/l	99
4) Vinyl Chloride	2.16	62	69295	16.687	ug/l	99
5) Bromomethane	2.54	94	47254	17.607	ug/l	95
6) Chloroethane	2.67	64	48571	17.122	ug/l	97
7) Trichlorofluoromethane	2.98	101	80177	15.669	ug/l	100
8) Diethyl Ether	3.37	74	34340	19.219	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46755	17.449	ug/l	98
10) Methyl Iodide	3.91	142	52092	17.262	ug/l	98
11) Tert butyl alcohol	4.72	59	44994	95.721	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	46309	17.288	ug/l	96
13) Acrolein	3.56	56	42981	93.394	ug/l	99
14) Allyl chloride	4.27	41	67219	18.431	ug/l	99
15) Acrylonitrile	4.93	53	124132	96.909	ug/l	99
16) Acetone	3.77	43	104508	99.256	ug/l	99
17) Carbon Disulfide	4.01	76	131669	17.194	ug/l	99
18) Methyl Acetate	4.27	43	48428	18.608	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	168074	19.635	ug/l	100
20) Methylene Chloride	4.50	84	60997	20.167	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	53914	17.667	ug/l	97
22) Diisopropyl ether	5.90	45	155484	18.724	ug/l	97
23) Vinyl Acetate	5.84	43	654973	96.606	ug/l	99
24) 1,1-Dichloroethane	5.79	63	98016	18.330	ug/l	99
25) 2-Butanone	6.78	43	152005	94.990	ug/l	99
26) 2,2-Dichloropropane	6.77	77	77269	17.340	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	62111	18.088	ug/l	99
28) Bromochloromethane	7.14	49	41691	17.969	ug/l	99
29) Tetrahydrofuran	7.16	42	101742	97.061	ug/l	99
30) Chloroform	7.32	83	99838	18.351	ug/l	99
31) Cyclohexane	7.61	56	75638	16.722	ug/l	92
32) 1,1,1-Trichloroethane	7.52	97	81878	17.846	ug/l	100
36) 1,1-Dichloropropene	7.75	75	70041	16.497	ug/l	99
37) Ethyl Acetate	6.88	43	65058	18.506	ug/l	99
38) Carbon Tetrachloride	7.73	117	67844	16.950	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	75146	16.154	ug/l	100
40) Benzene	8.00	78	224777	17.370	ug/l	100
41) Methacrylonitrile	7.14	41	33613m	20.624	ug/l	
42) 1,2-Dichloroethane	8.08	62	80757	18.471	ug/l	99
43) Isopropyl Acetate	8.12	43	107262	18.716	ug/l #	88
44) Trichloroethene	8.80	130	54623	16.734	ug/l	96
45) 1,2-Dichloropropane	9.08	63	59375	18.599	ug/l	100
46) Dibromomethane	9.17	93	40321	18.629	ug/l	100
47) Bromodichloromethane	9.37	83	80626	18.448	ug/l	99
48) Methyl methacrylate	9.16	41	47208	18.372	ug/l	99
49) 1,4-Dioxane	9.16	88	17528	307.597	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	317479	94.817	ug/l	100
52) Toluene	10.12	92	142510	18.049	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	86614	18.014	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	93907	18.345	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	59101	19.042	ug/l	98
56) Ethyl methacrylate	10.40	69	77785	18.780	ug/l	100
57) 1,3-Dichloropropane	10.68	76	99227	18.574	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	153275	97.421	ug/l	100
59) 2-Hexanone	10.72	43	223444	92.415	ug/l	98
60) Dibromochloromethane	10.87	129	60901	18.534	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59254	18.580	ug/l	100
64) Tetrachloroethene	10.60	164	44651	16.314	ug/l	98
65) Chlorobenzene	11.40	112	152649	17.349	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	54787	18.007	ug/l	99
67) Ethyl Benzene	11.48	91	257344	17.318	ug/l	100
68) m/p-Xylenes	11.59	106	202010	35.146	ug/l	98
69) o-Xylene	11.92	106	93354	17.214	ug/l	98
70) Styrene	11.94	104	156825	17.340	ug/l	99
71) Bromoform	12.10	173	38965	18.012	ug/l #	96
73) Isopropylbenzene	12.22	105	242467	16.550	ug/l	99
74) N-amyl acetate	12.04	43	85347	18.110	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	84994	17.433	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	74421m	16.703	ug/l	
77) Bromobenzene	12.50	156	61851	17.004	ug/l	99
78) n-propylbenzene	12.56	91	277448	16.556	ug/l	99
79) 2-Chlorotoluene	12.65	91	167716	16.554	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	200896	16.915	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25280	16.570	ug/l	95
82) 4-Chlorotoluene	12.75	91	173970	16.605	ug/l	99
83) tert-Butylbenzene	12.97	119	162936	16.030	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	205208	17.300	ug/l	97
85) sec-Butylbenzene	13.15	105	221645	16.503	ug/l	100
86) p-Isopropyltoluene	13.26	119	196431	16.693	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	106683	16.703	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	107162	16.276	ug/l	98
89) n-Butylbenzene	13.59	91	160548	16.411	ug/l	98
90) Hexachloroethane	13.85	117	36438	15.783	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	107505	17.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14231	18.221	ug/l	96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	47054	17.391	ug/l	97
94) Hexachlorobutadiene	14.98	225	19042	16.204	ug/l	95
95) Naphthalene	15.10	128	135136	17.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	48731	17.614	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

Tot Ion:168 Resp: 233292

Ion Ratio Lower Upper

168 100

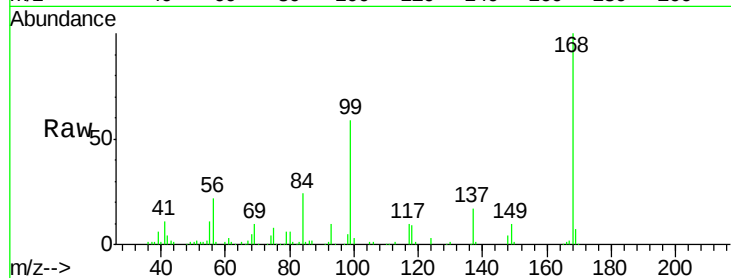
99 58.6 45.8 68.8

Manual Integrations

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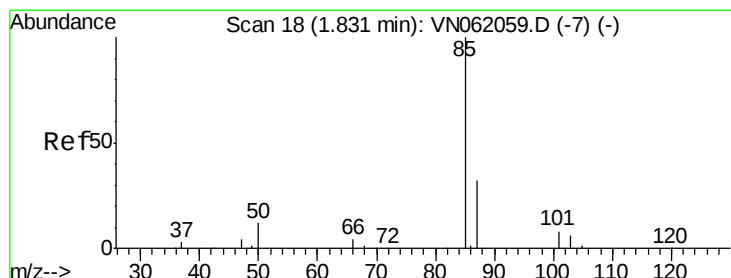
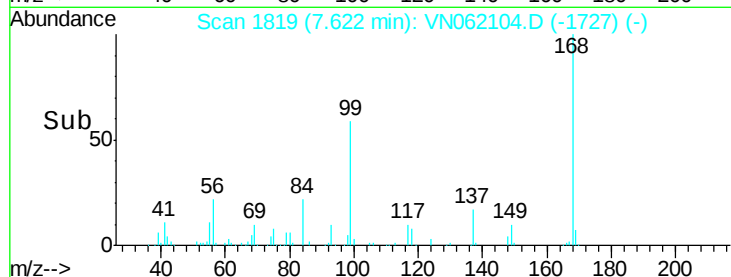
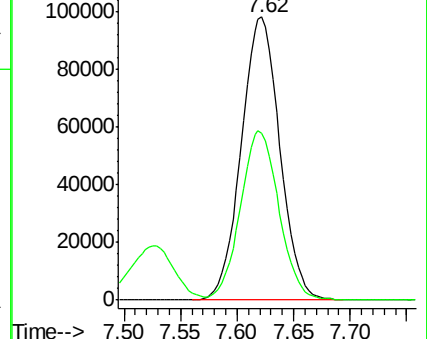
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.109 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062104.D

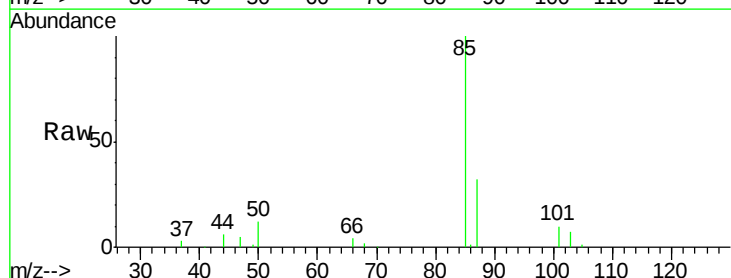
Acq: 25 Jun 2020 12:24

Tgt Ion: 85 Resp: 45116

Ion Ratio Lower Upper

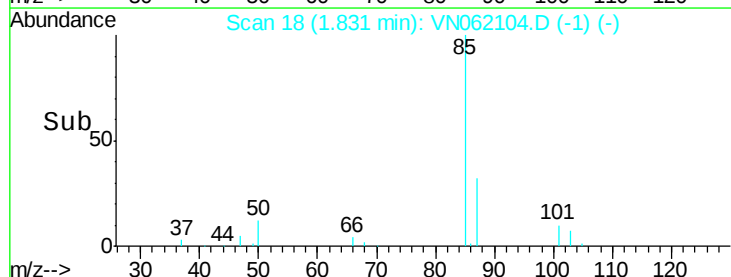
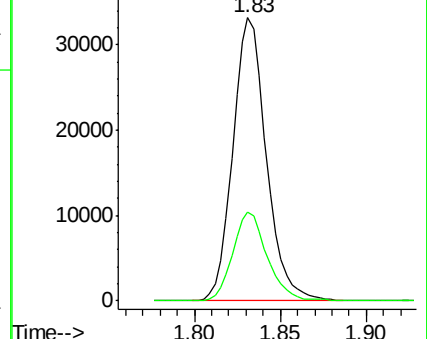
85 100

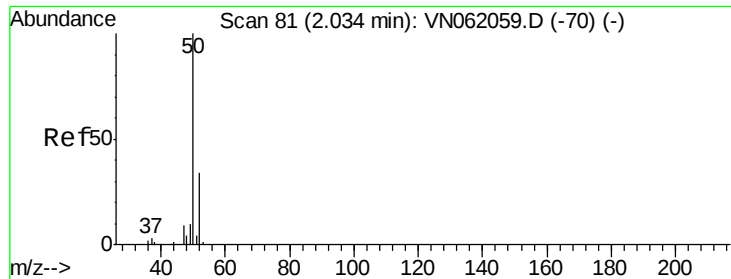
87 31.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.129 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

Tot Ion: 50 Resp: 58928

Ion Ratio Lower Upper

50 100

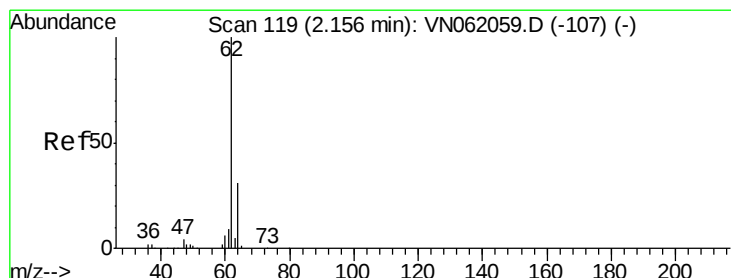
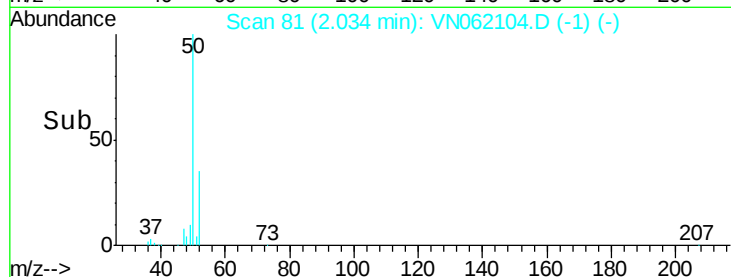
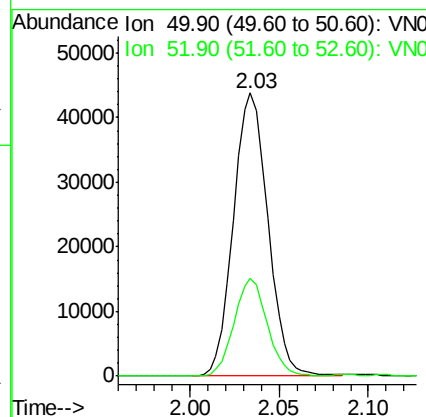
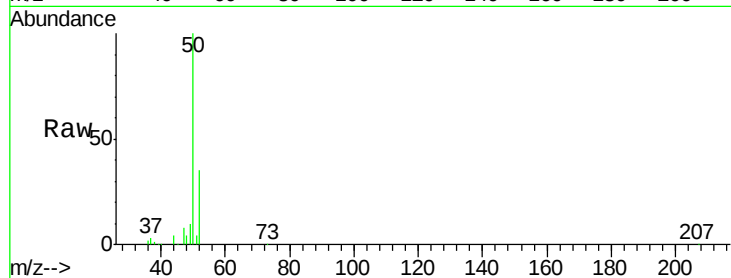
52 34.7 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.687 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062104.D

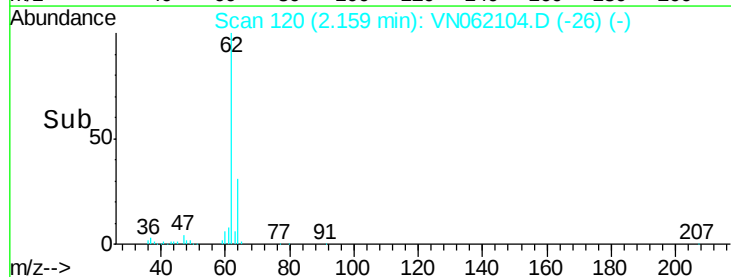
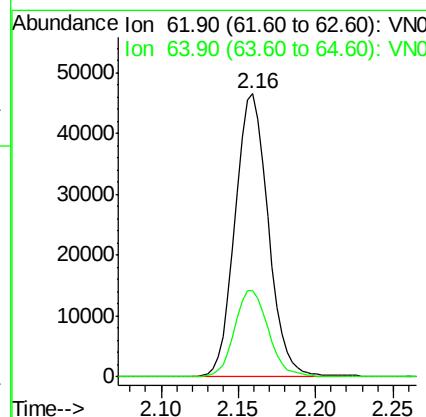
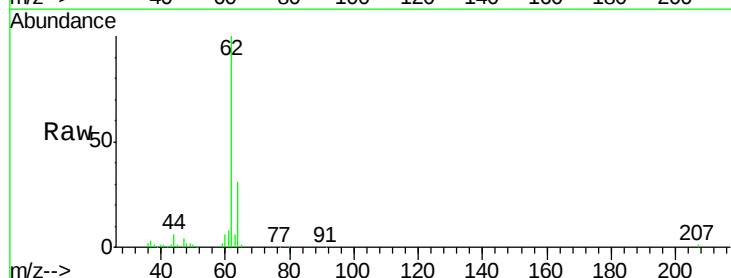
Acq: 25 Jun 2020 12:24

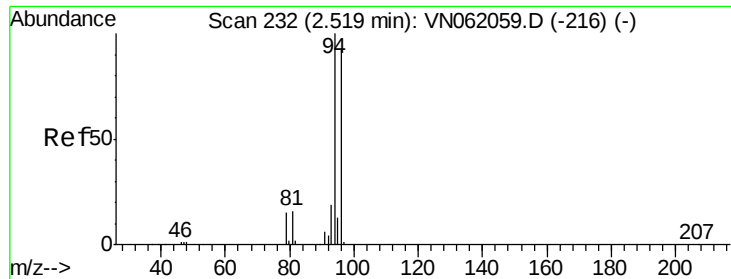
Tgt Ion: 62 Resp: 69295

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7





#5

Bromomethane

Concen: 17.607 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.02 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

Tot Ion: 94 Resp: 47254

Ion Ratio Lower Upper

94 100

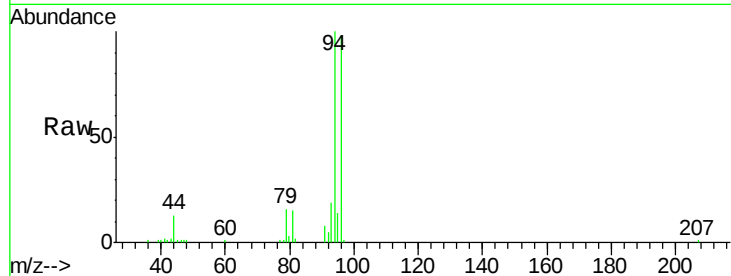
96 96.6 73.4 110.2

Manual Integrations

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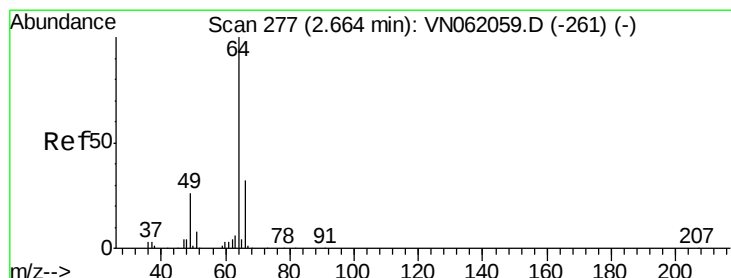
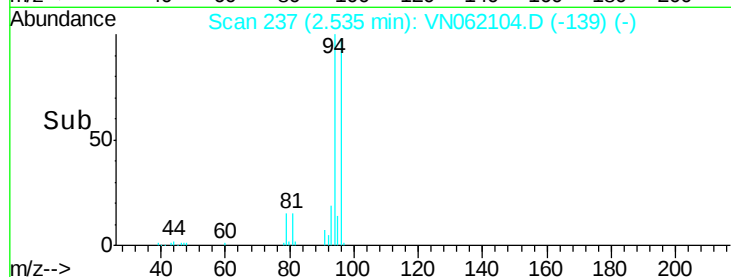
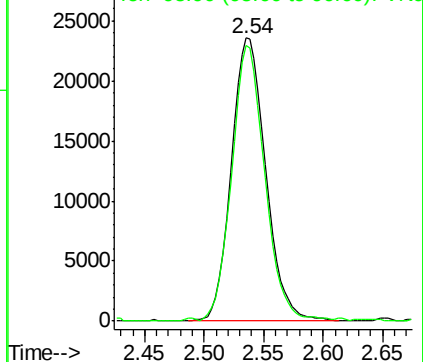
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 17.122 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062104.D

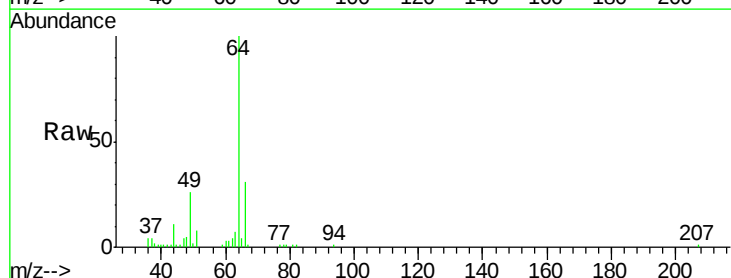
Acq: 25 Jun 2020 12:24

Tgt Ion: 64 Resp: 48571

Ion Ratio Lower Upper

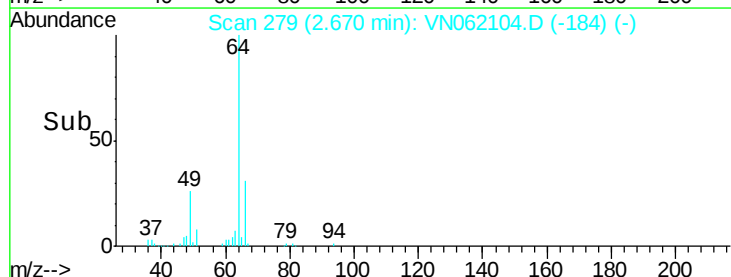
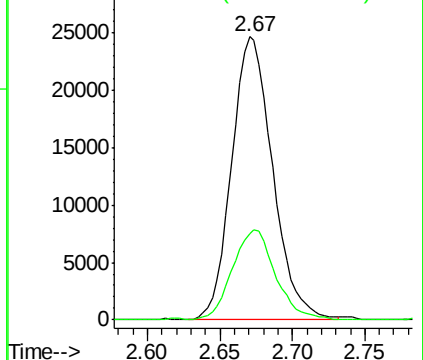
64 100

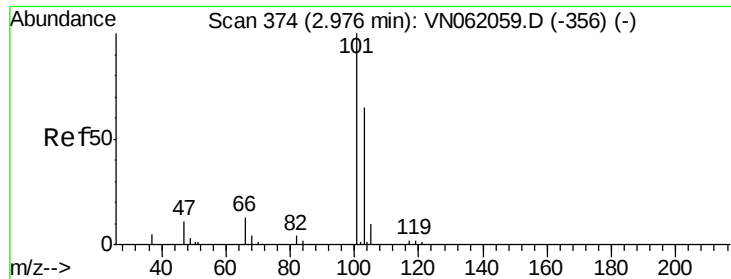
66 30.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

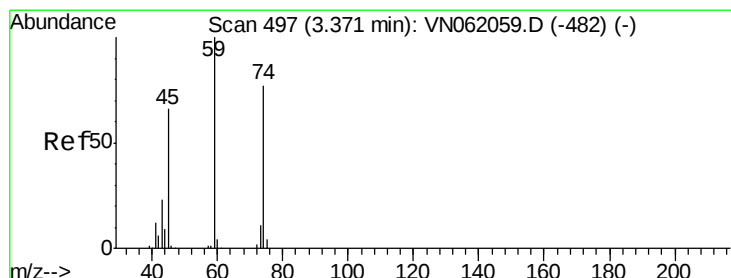
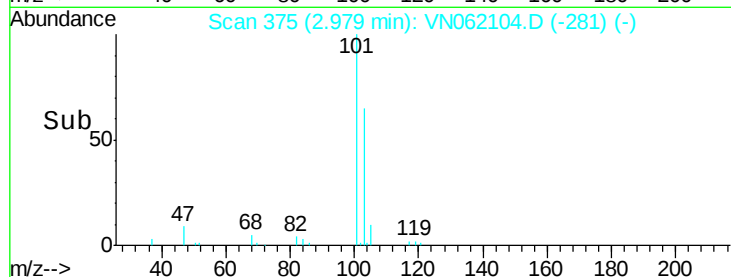
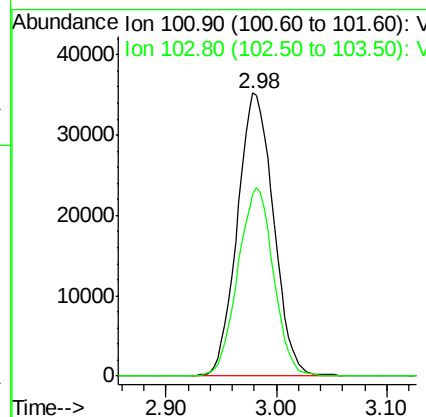
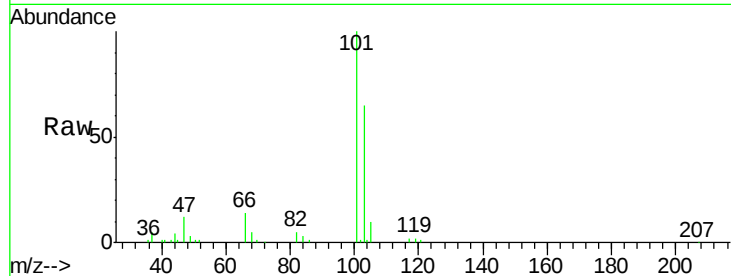
Trichlorofluoromethane
 Concen: 15.669 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
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 VN0625MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.8	77.6

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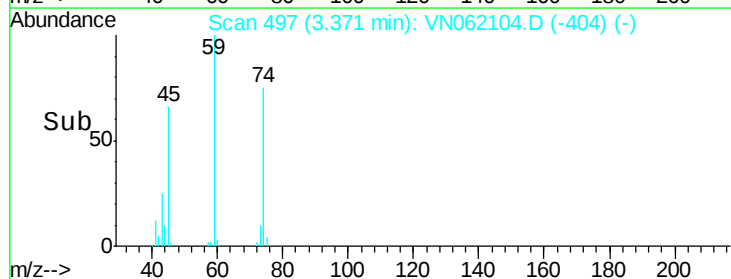
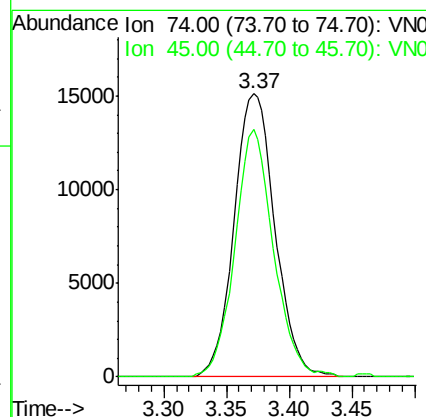
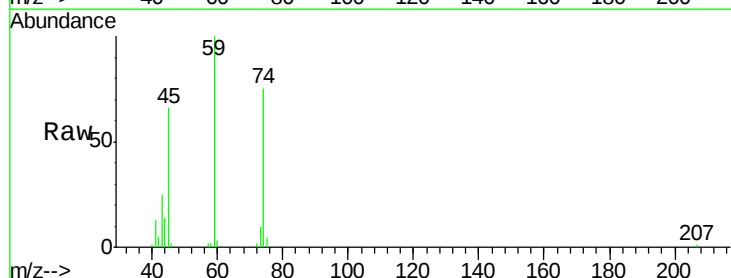
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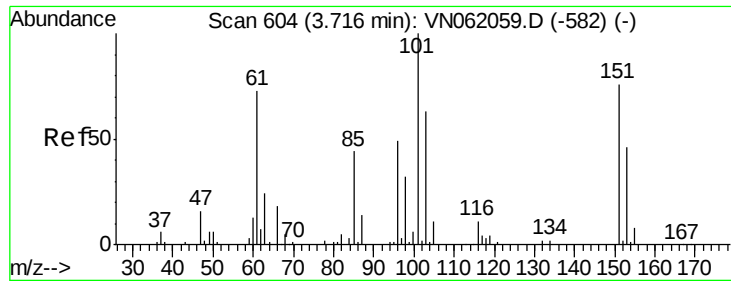


#8

Diethyl Ether
 Concen: 19.219 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.6	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.449 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

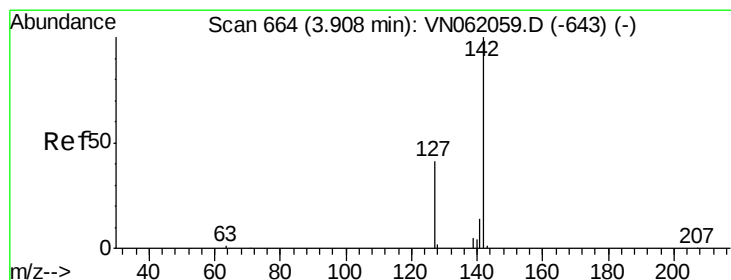
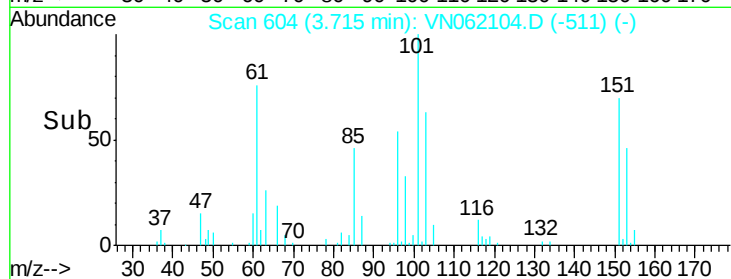
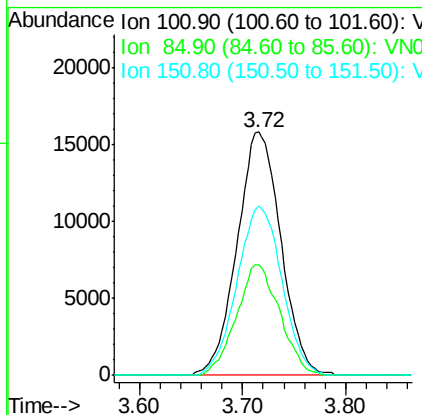
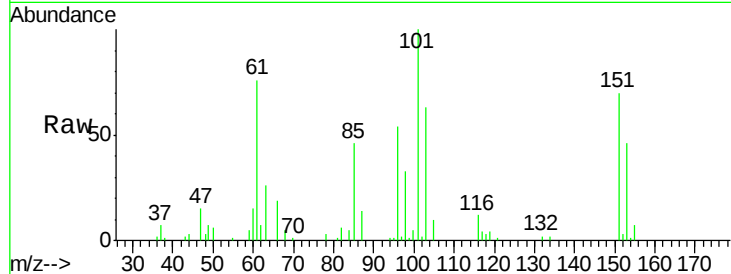
ClientSampleId :

VN0625MBS01

Tot Ion:	101	Resp:	46755
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.5	51.7
151	71.2	57.8	86.8

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#10

Methyl Iodide

Concen: 17.262 ug/l

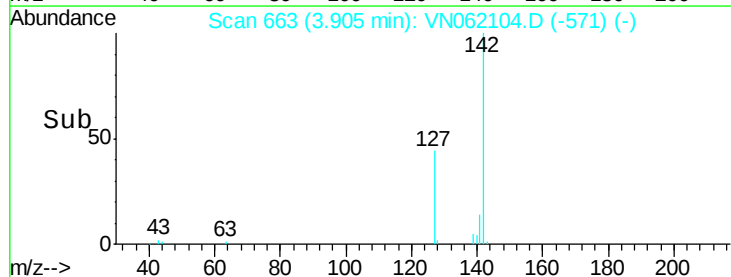
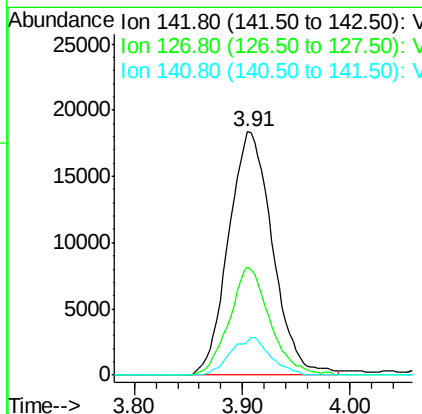
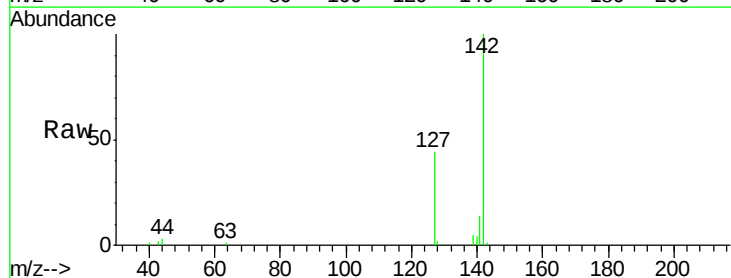
RT: 3.91 min Scan# 663

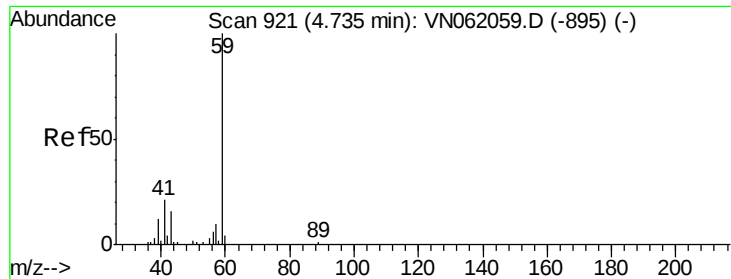
Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	142	Resp:	52092
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.6	50.4
141	14.0	11.3	16.9





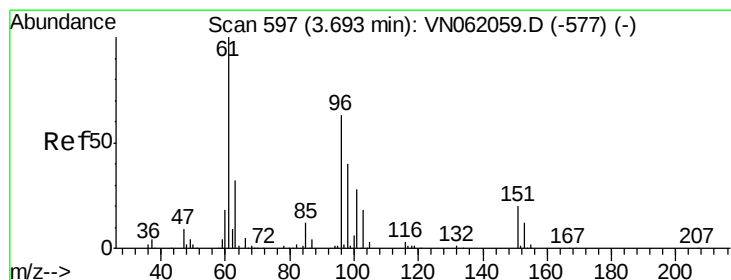
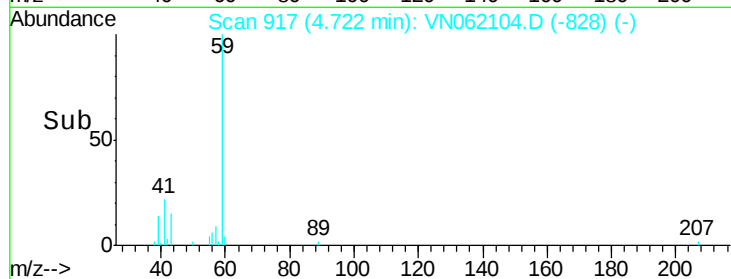
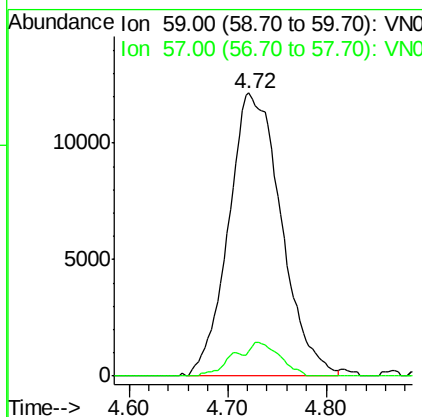
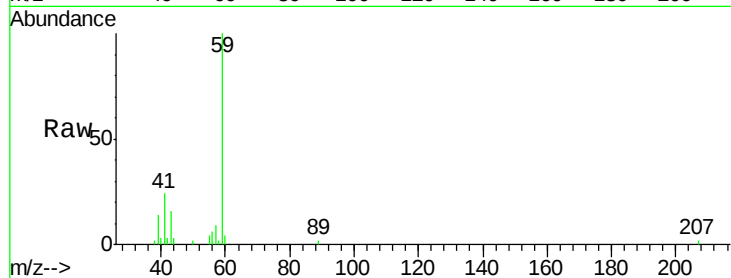
#11
Tert butyl alcohol
Concen: 95.721 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion: 59 Resp: 44994
Ion Ratio Lower Upper
59 100
57 6.8 8.3 12.5#

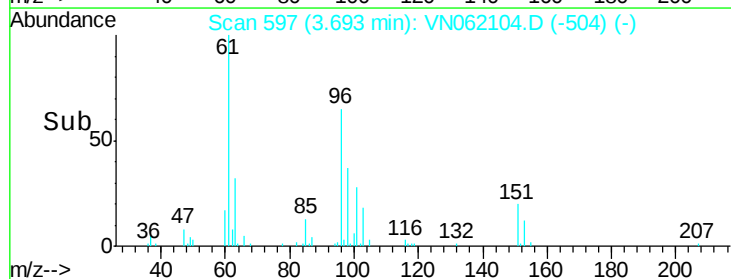
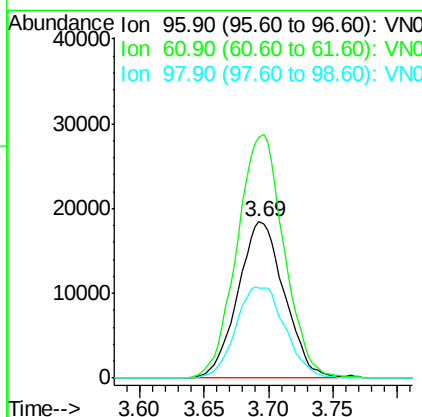
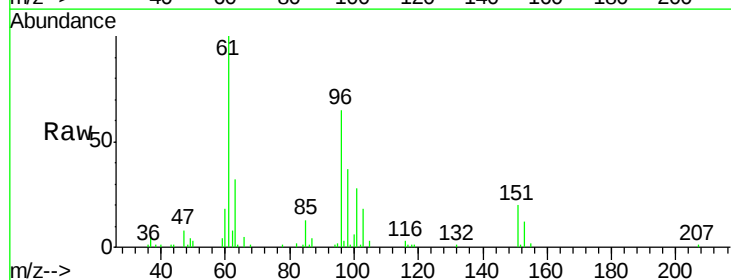
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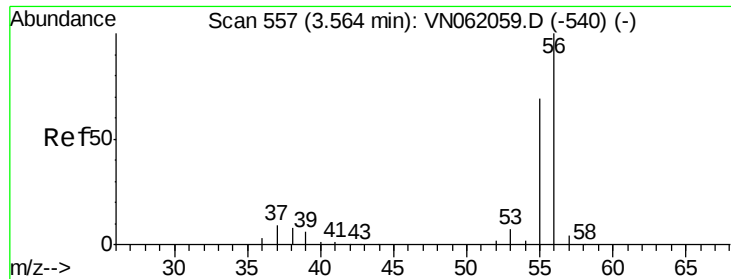
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.288 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion: 96 Resp: 46309
Ion Ratio Lower Upper
96 100
61 154.3 126.7 190.1
98 57.8 51.0 76.4





#13

Acrolein

Concen: 93.394 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

Tot Ion: 56 Resp: 42981

Ion Ratio Lower Upper

56 100

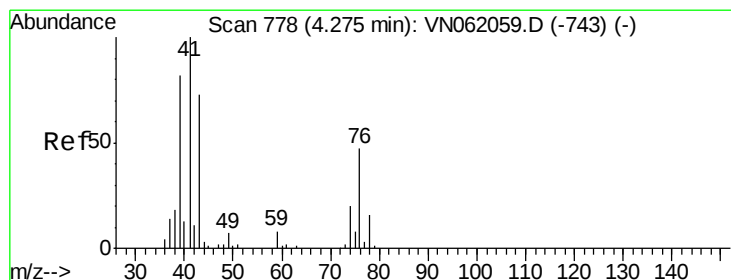
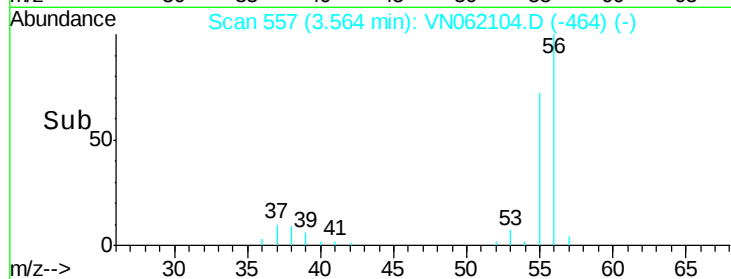
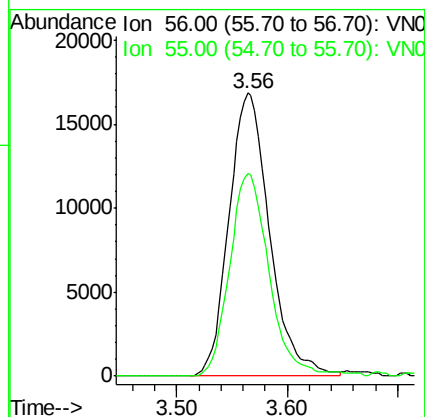
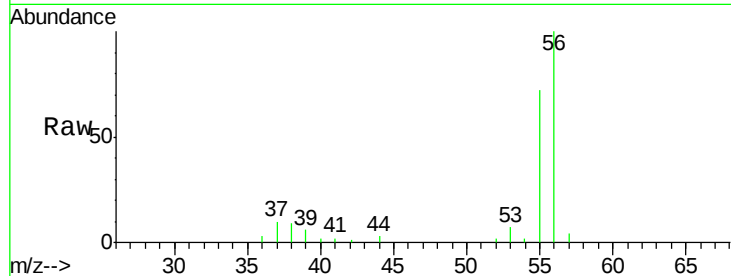
55 68.8 55.5 83.3

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#14

Allyl chloride

Concen: 18.431 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

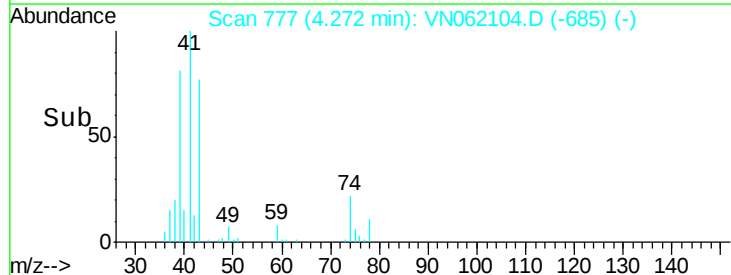
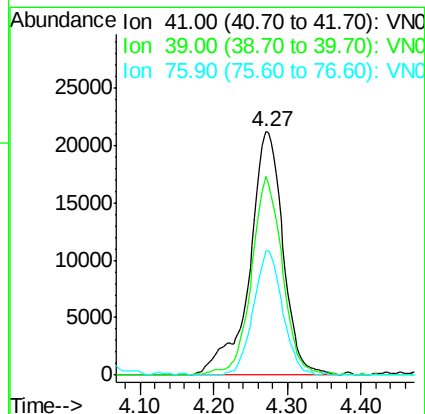
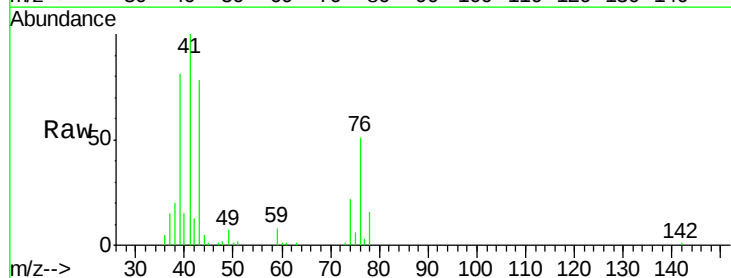
Tgt Ion: 41 Resp: 67219

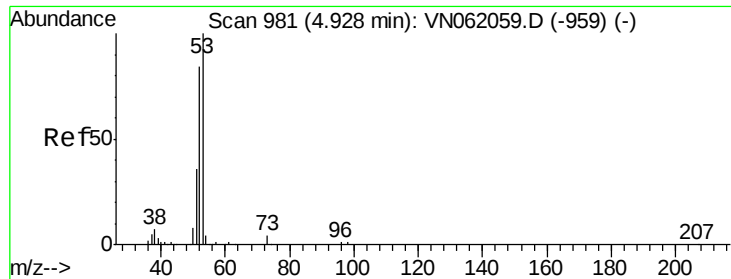
Ion Ratio Lower Upper

41 100

39 74.7 60.0 90.0

76 44.2 34.1 51.1





#15

Acrylonitrile

Concen: 96.909 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

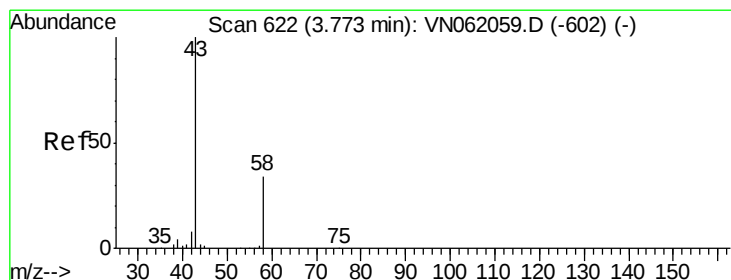
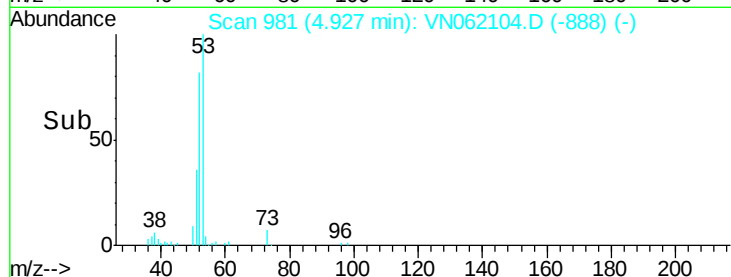
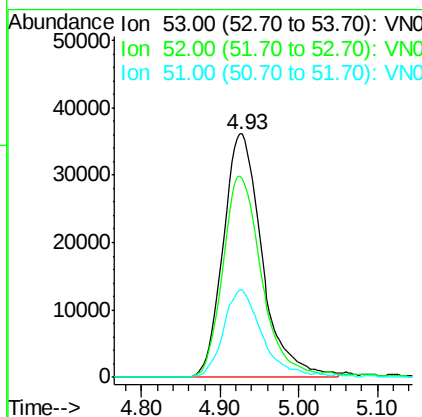
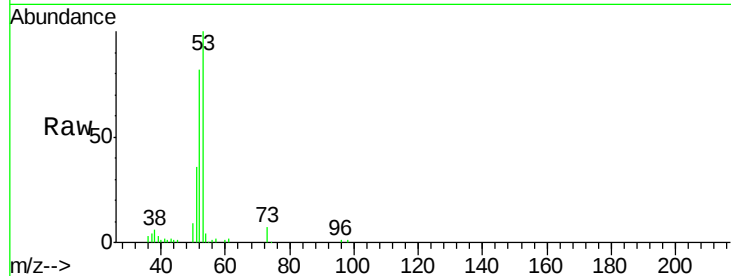
ClientSampleId :

VN0625MBS01

Tot Ion:	53	Resp:	124132
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.2	99.4
51	35.4	28.9	43.3

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#16

Acetone

Concen: 99.256 ug/l

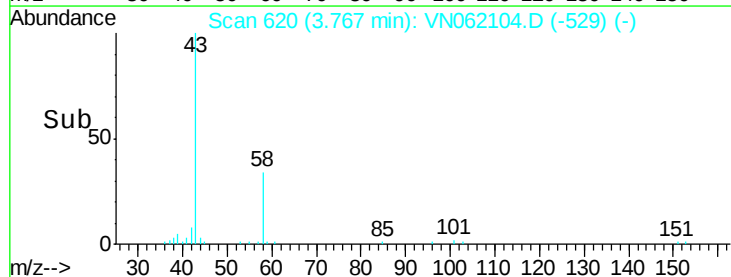
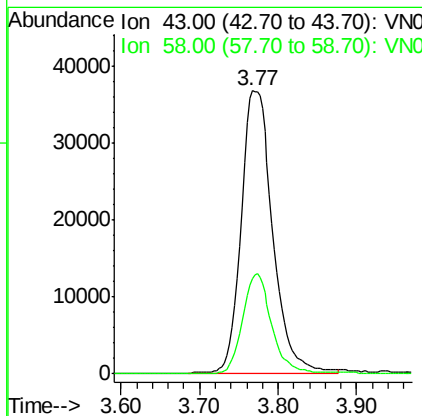
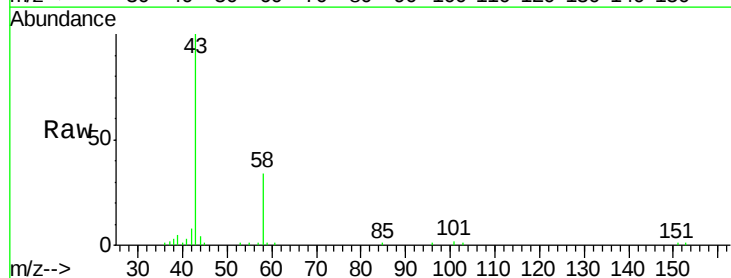
RT: 3.77 min Scan# 620

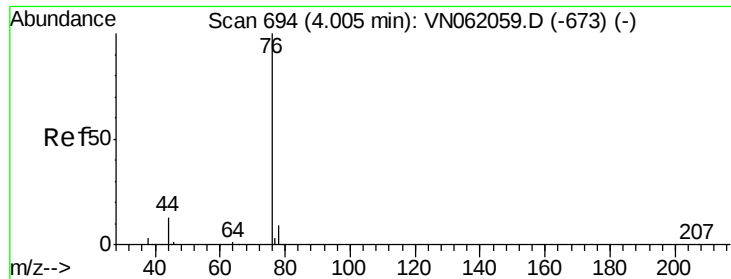
Delta R.T. -0.01 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	43	Resp:	104508
Ion Ratio	Lower	Upper	
43	100		
58	33.8	27.5	41.3





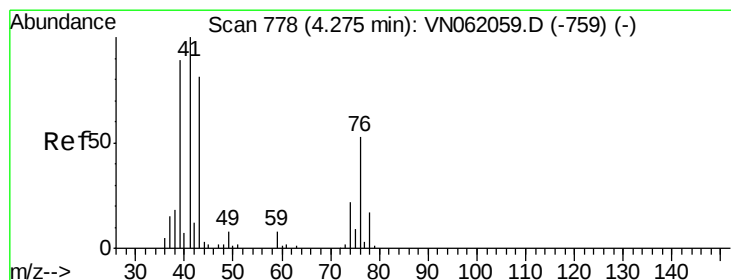
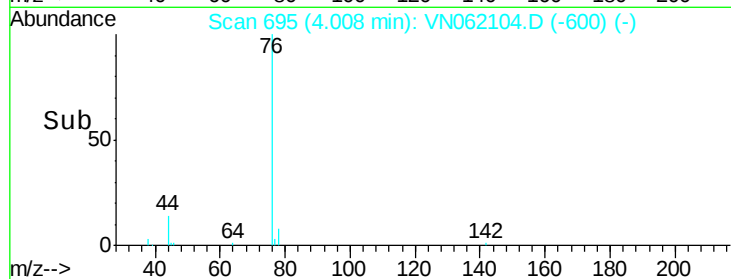
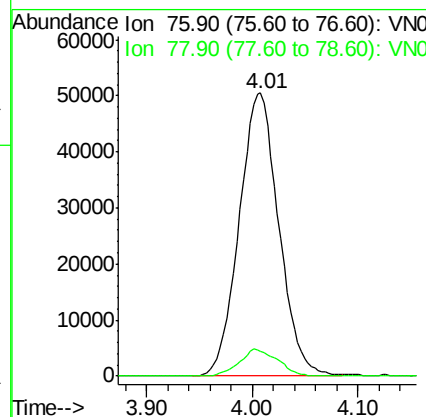
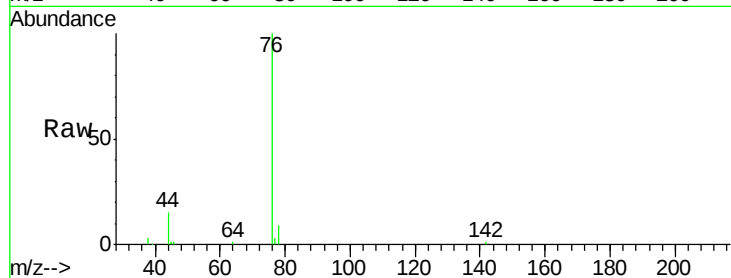
#17
Carbon Disulfide
Concen: 17.194 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

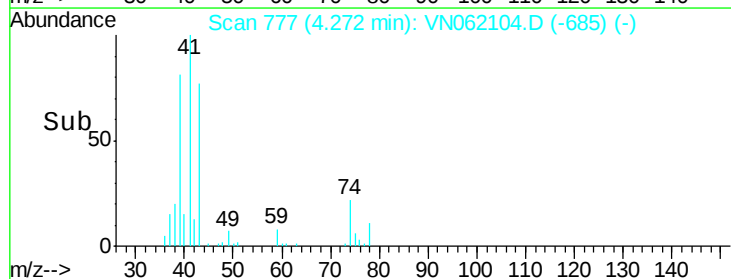
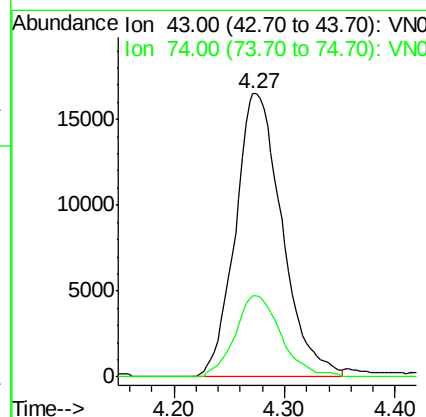
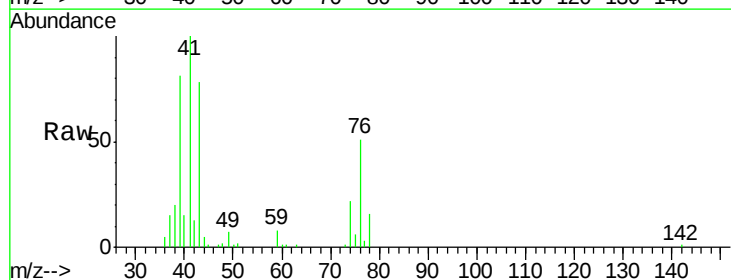
Manual Integrations
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6/26/2020 7:00:58 PM



#18
Methyl Acetate
Concen: 18.608 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.2	22.9	34.3





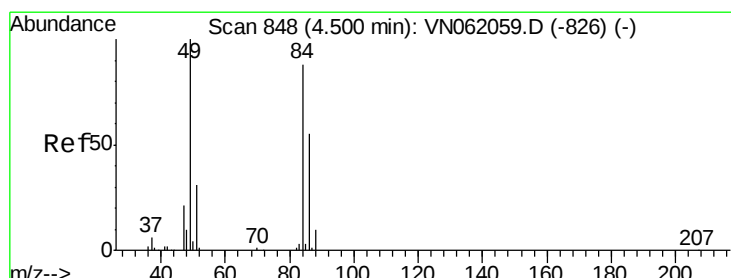
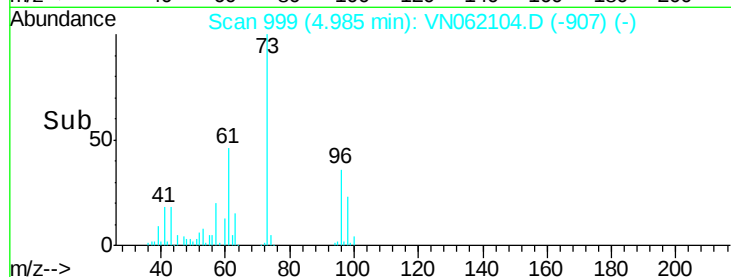
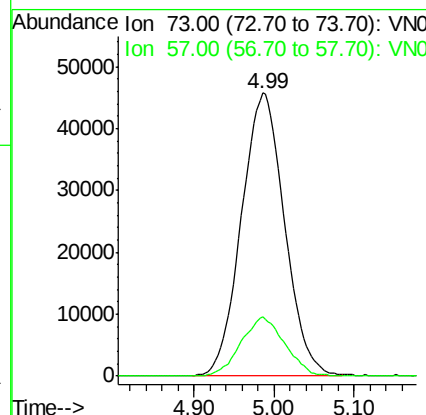
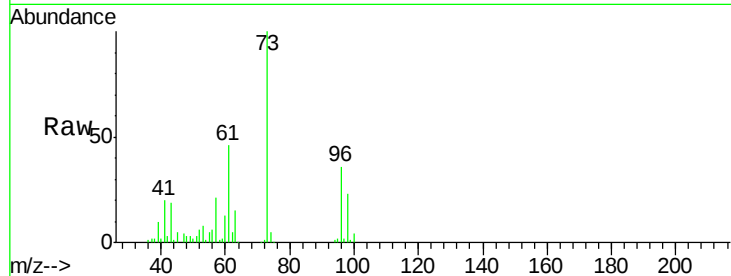
#19
Methvl tert-butvl Ether
Concen: 19.635 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	73	Resp	168074
Ion Ratio	Lower	Upper	
73	100		
57	20.8	16.6	24.8

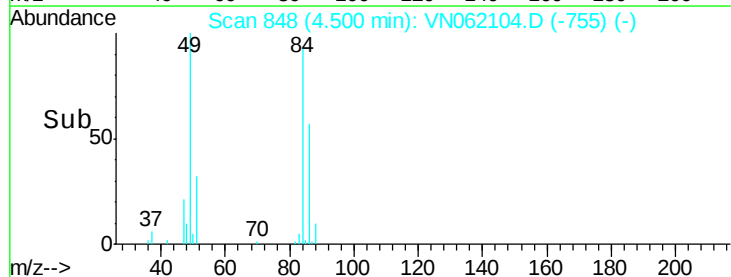
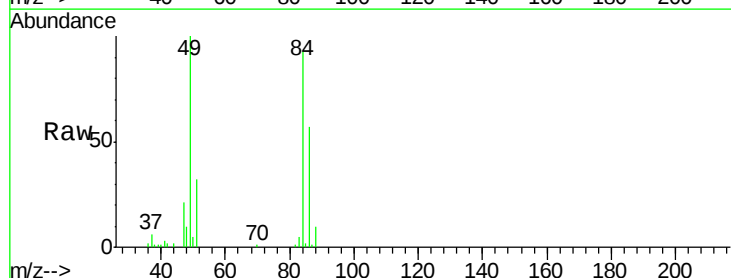
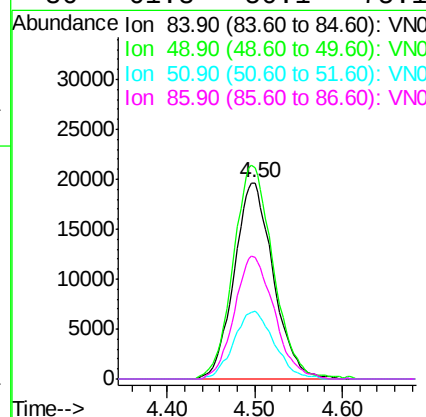
Manual Integrations
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#20
Methylene Chloride
Concen: 20.167 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	84	Resp	60997
Ion Ratio	Lower	Upper	
84	100		
49	108.0	90.6	136.0
51	34.3	27.8	41.8
86	61.8	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 17.667 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

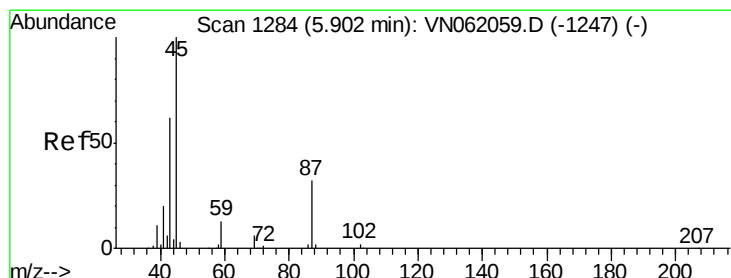
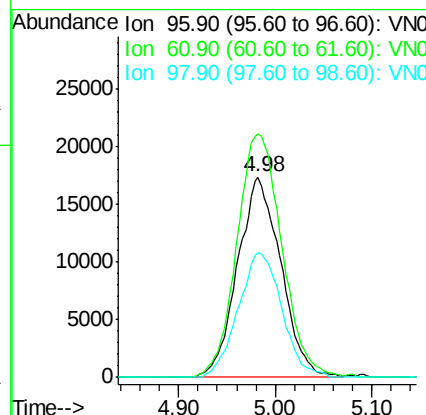
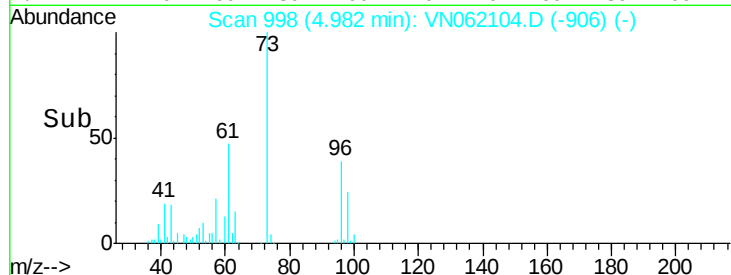
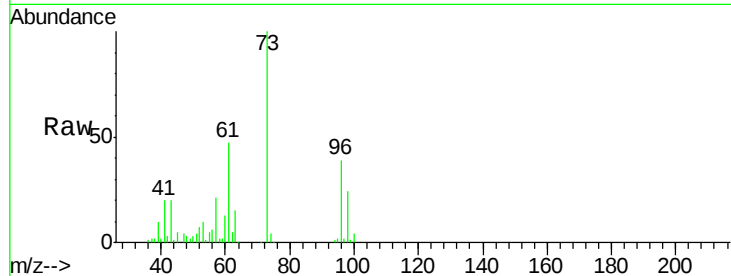
ClientSampleId :

VN0625MBS01

Tot Ion:	96	Resp:	53914
Ion	Ratio	Lower	Upper
96	100		
61	121.7	101.4	152.2
98	62.5	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.724 ug/l

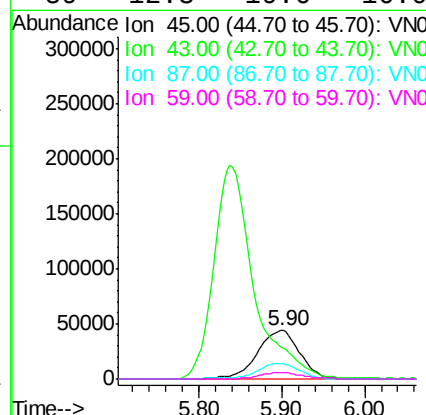
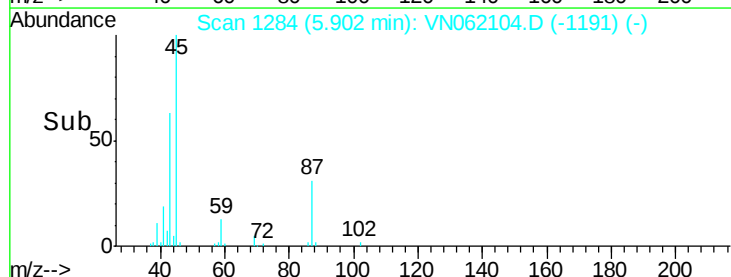
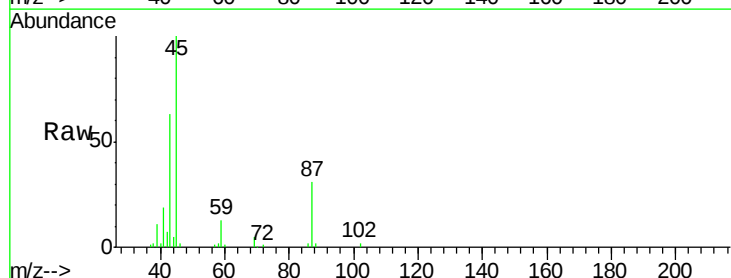
RT: 5.90 min Scan# 1284

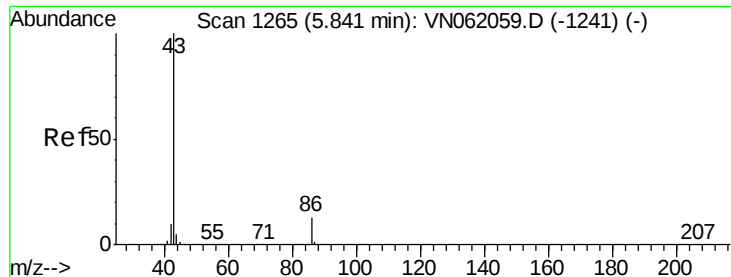
Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	45	Resp:	155484
Ion	Ratio	Lower	Upper
45	100		
43	60.4	49.7	74.5
87	30.6	25.9	38.9
59	12.3	10.6	16.0





#23

Vinyl Acetate

Concen: 96.606 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

Tot Ion: 43 Resp: 654973

Ion Ratio Lower Upper

43 100

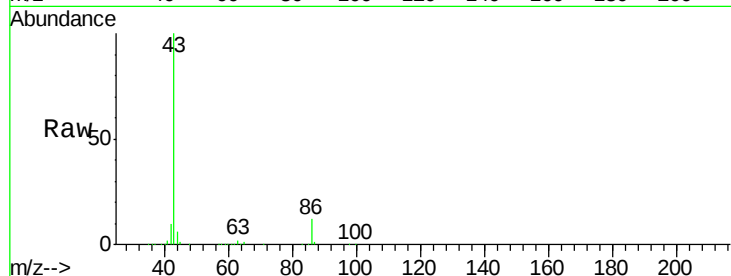
86 12.1 10.1 15.1

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Abundance Ion 43.00 (42.70 to 43.70): VN062104.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062104.D (-1172) (-)

5.84

200000

150000

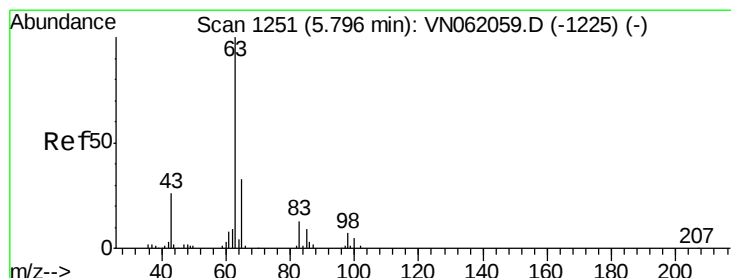
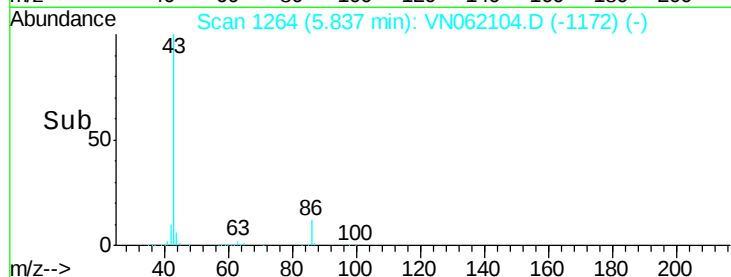
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 18.330 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

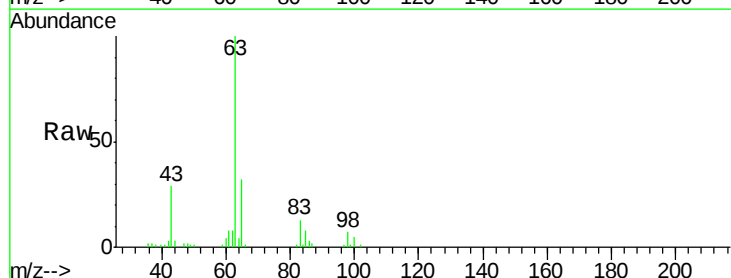
Tgt Ion: 63 Resp: 98016

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 5.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062104.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062104.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062104.D (-1158) (-)

5.79

40000

30000

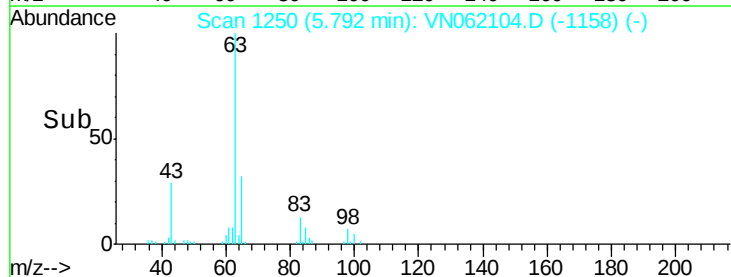
20000

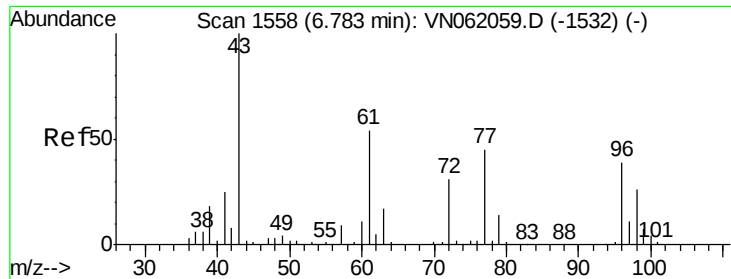
10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 94.990 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

Tot Ion: 43 Resp: 152005

Ion Ratio Lower Upper

43 100

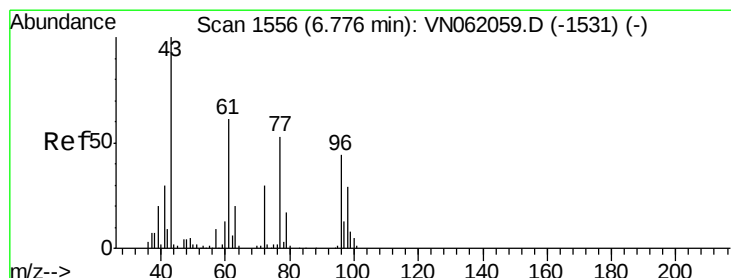
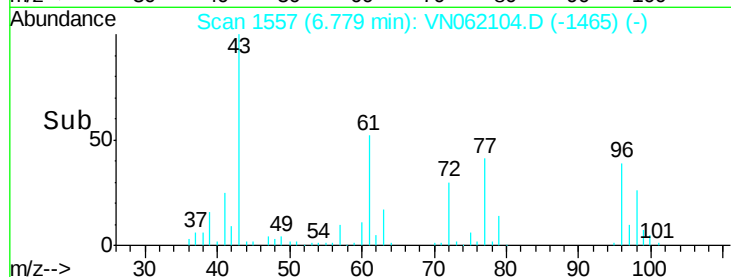
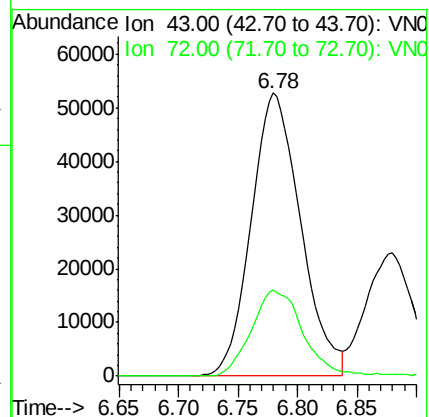
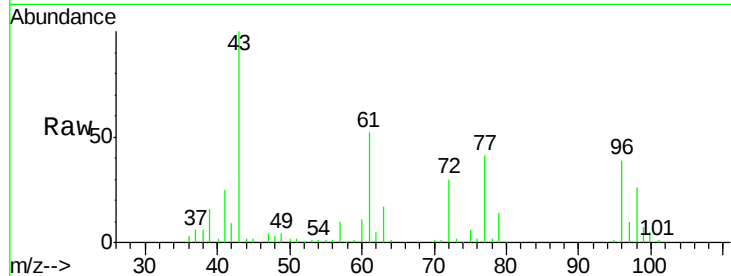
72 30.3 24.8 37.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.340 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062104.D

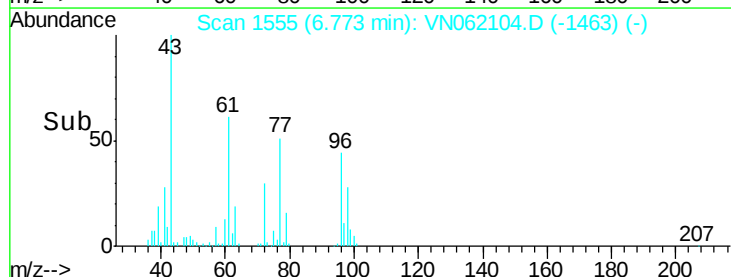
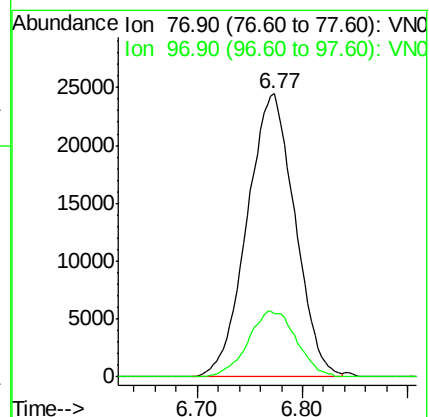
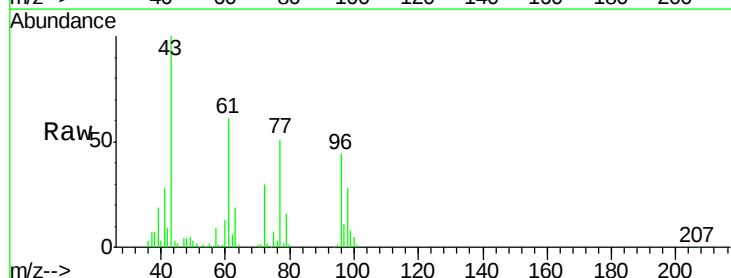
Acq: 25 Jun 2020 12:24

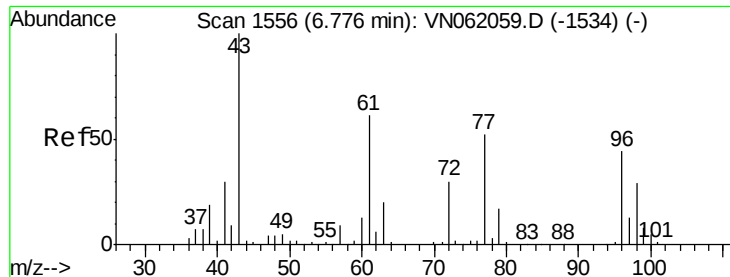
Tgt Ion: 77 Resp: 77269

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.088 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

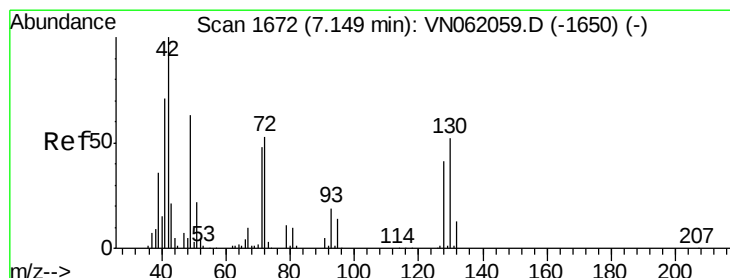
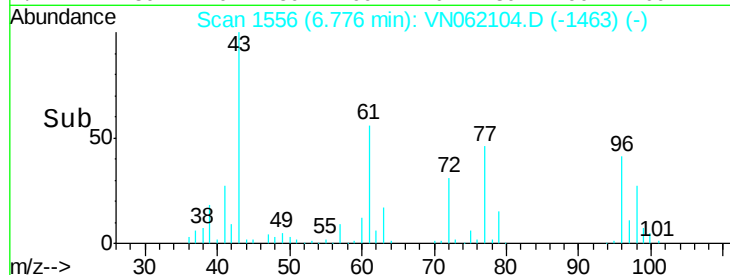
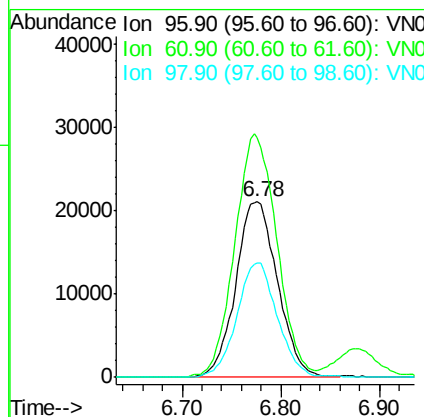
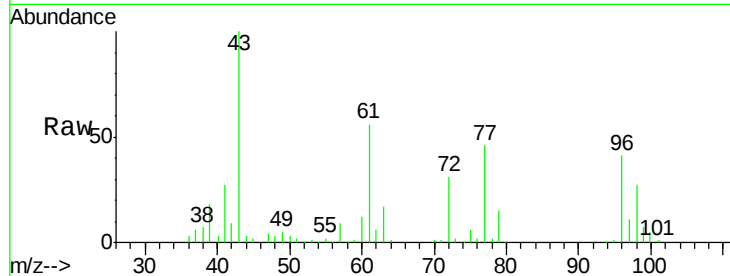
ClientSampleId :

VN0625MBS01

Tot Ion:	96	Resp:	62111
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	280.4
98	62.9	0.0	129.4

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#28

Bromochloromethane

Concen: 17.969 ug/l

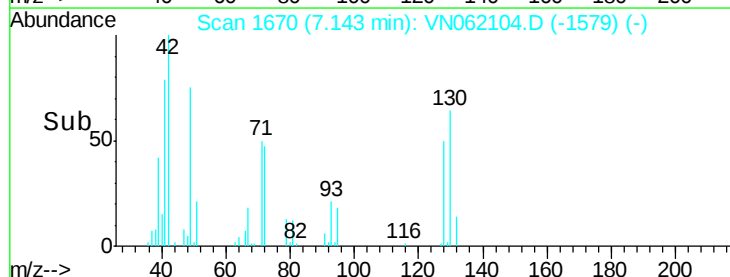
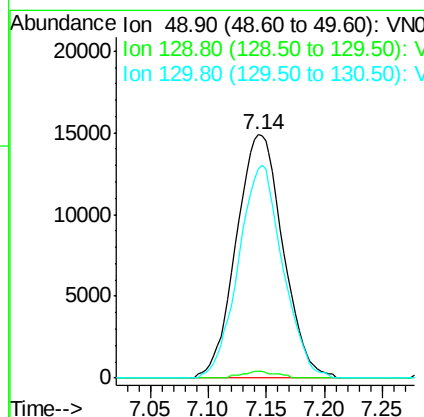
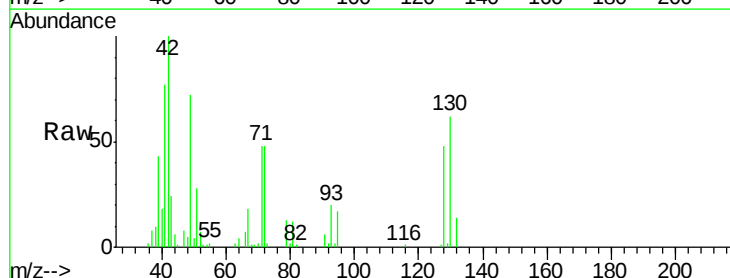
RT: 7.14 min Scan# 1670

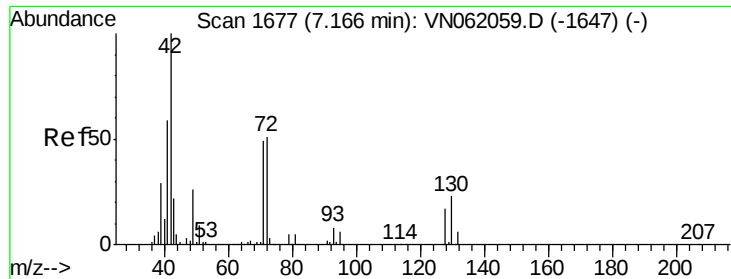
Delta R.T. -0.01 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	49	Resp:	41691
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	82.6	65.5	98.3





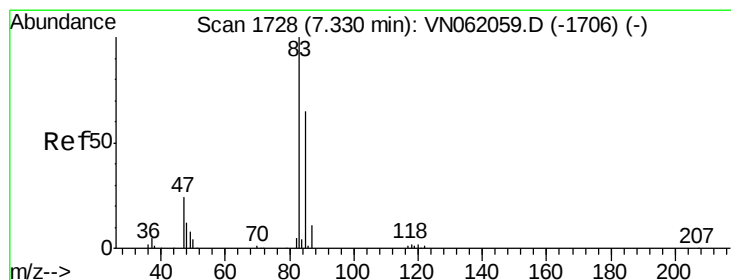
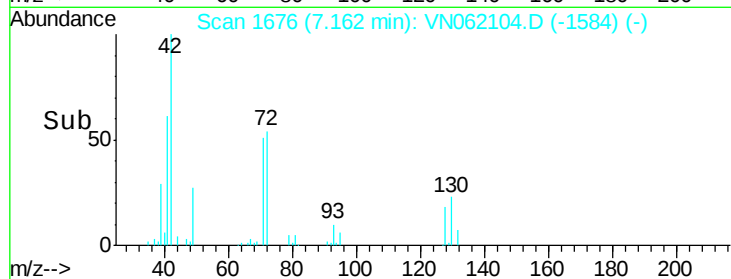
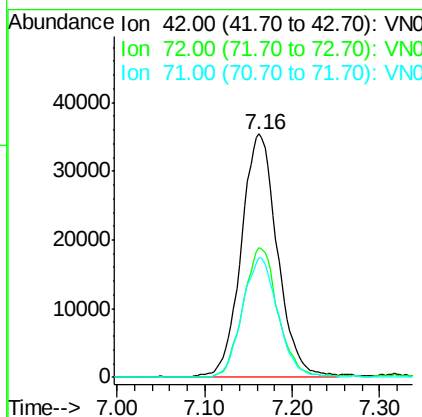
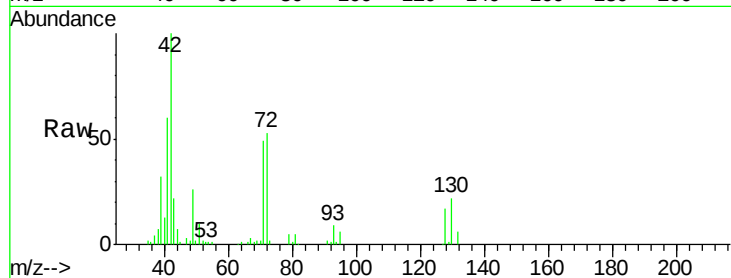
#29
Tetrahydrofuran
Concen: 97.061 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.1	41.1	61.7
71	48.3	38.2	57.4

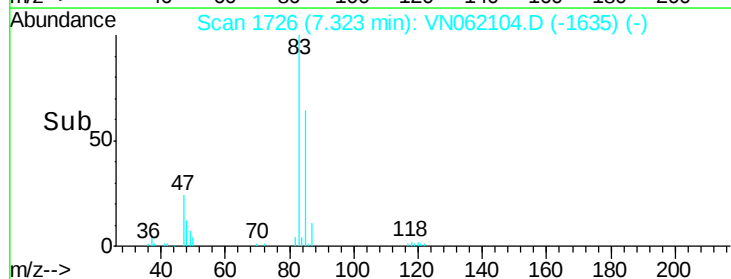
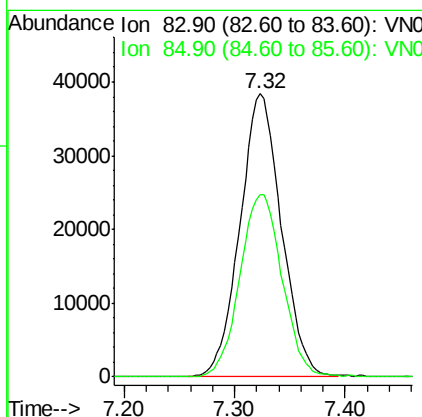
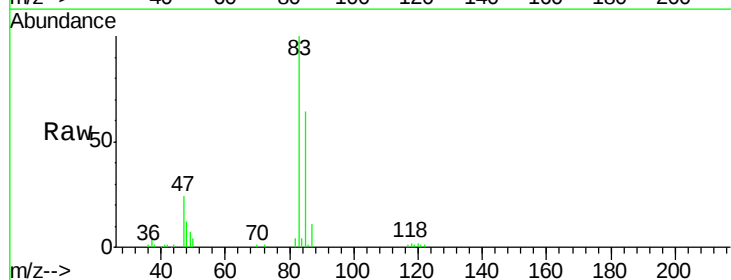
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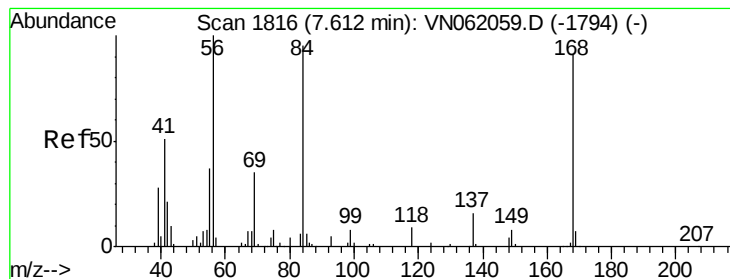
MMDadoda
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#30
Chloroform
Concen: 18.351 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.3	78.5





#31

Cyclohexane

Concen: 16.722 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

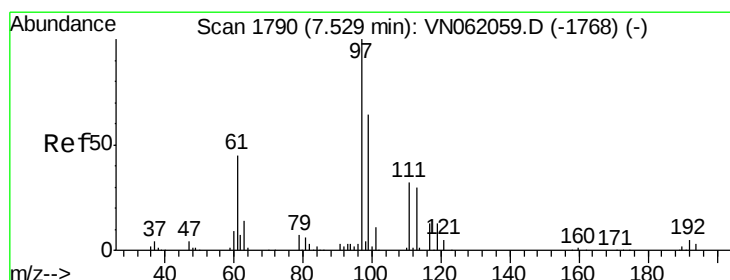
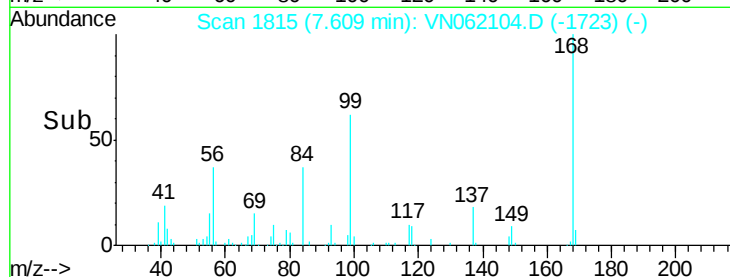
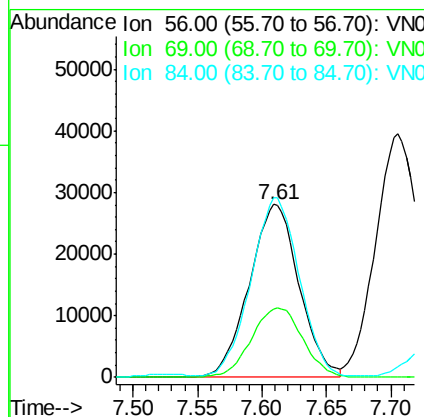
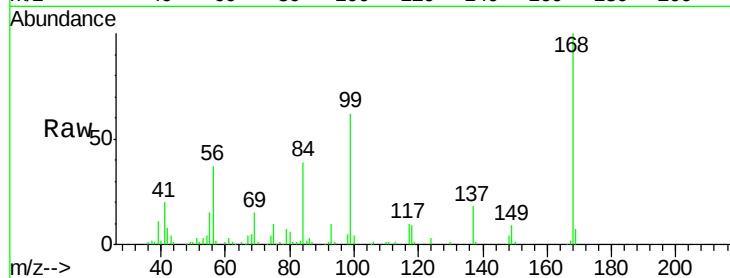
ClientSampleId :

VN0625MBS01

Tot Ion:	56	Resp:	75638
Ion Ratio	Lower	Upper	
56	100		
69	39.7	28.0	42.0
84	103.0	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 17.846 ug/l

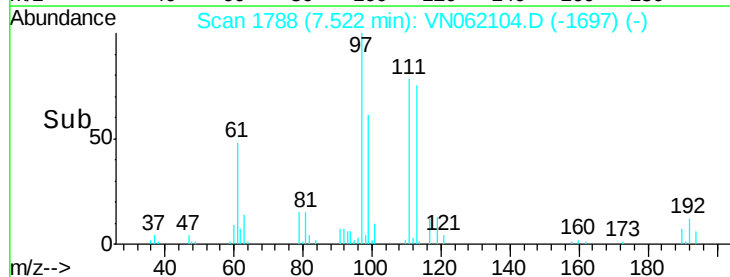
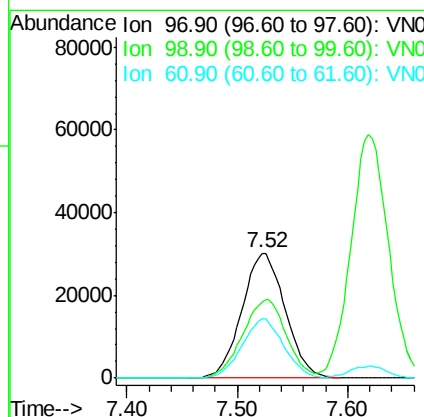
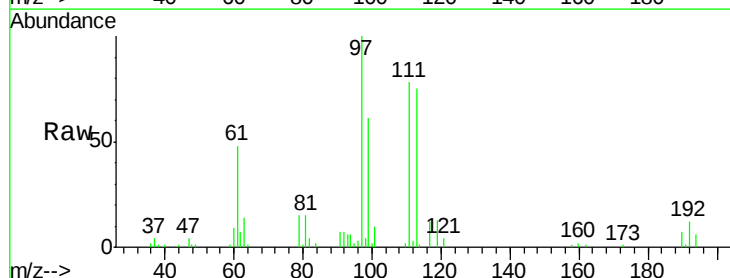
RT: 7.52 min Scan# 1788

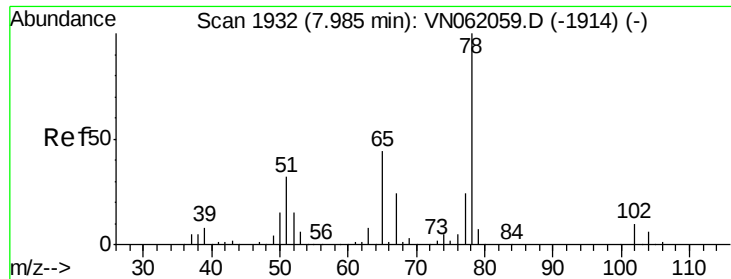
Delta R.T. -0.01 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	97	Resp:	81878
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.0	76.4
61	45.6	36.2	54.2





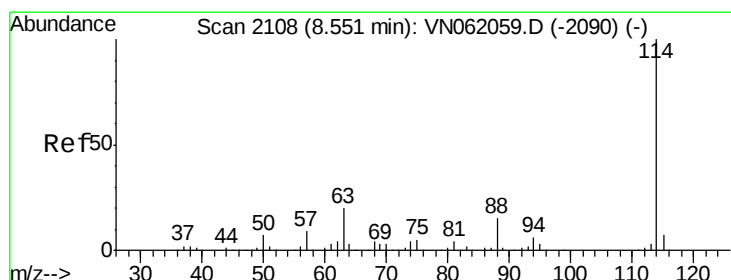
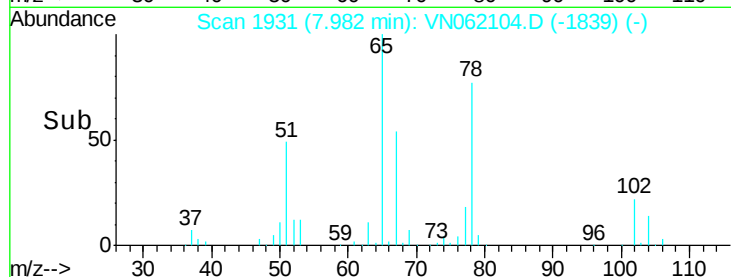
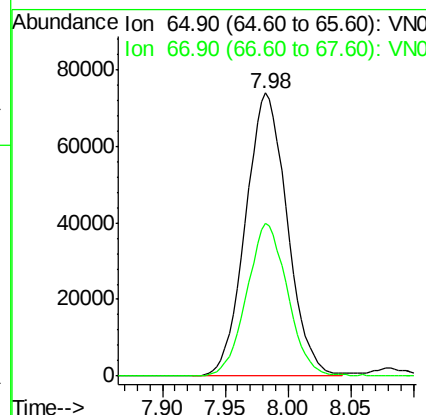
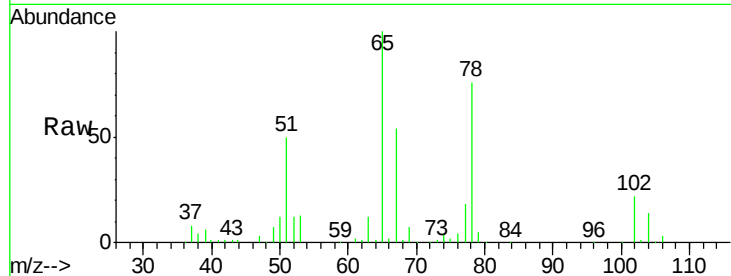
#33
 1,2-Dichloroethane-d4
 Concen: 52.211 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170931		
67	52.8	0.0	106.2	

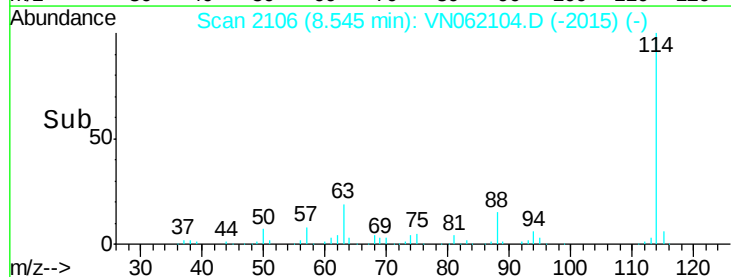
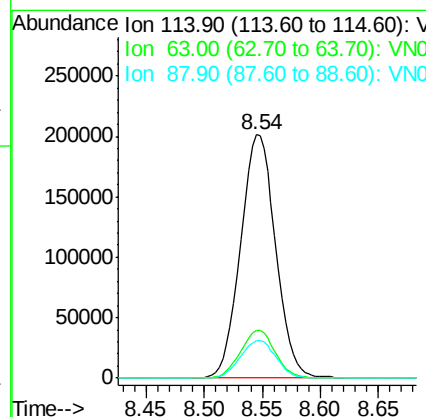
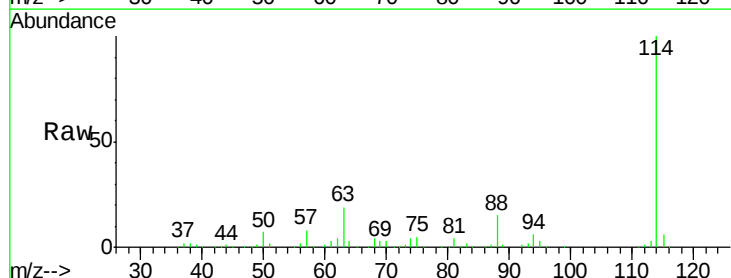
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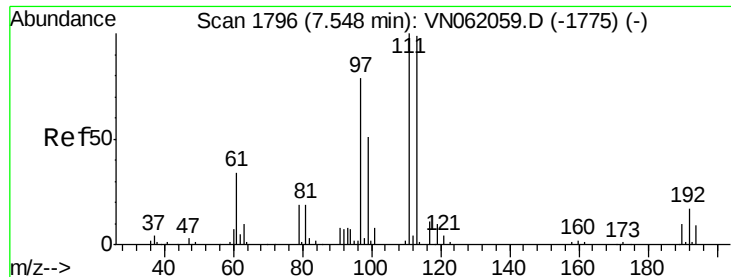
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	422380		
63	19.4	0.0	39.2	
88	15.5	0.0	30.8	





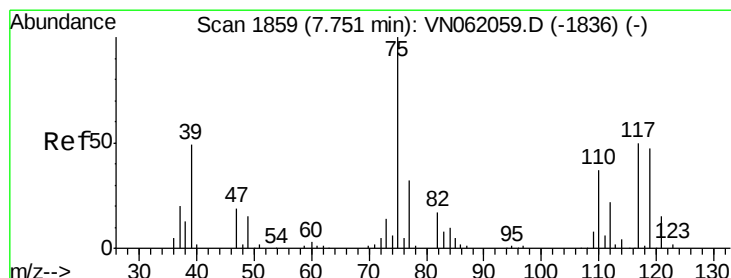
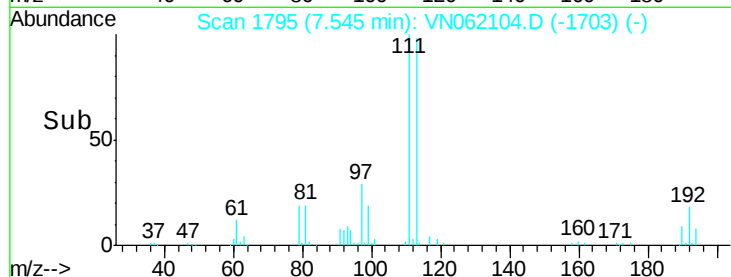
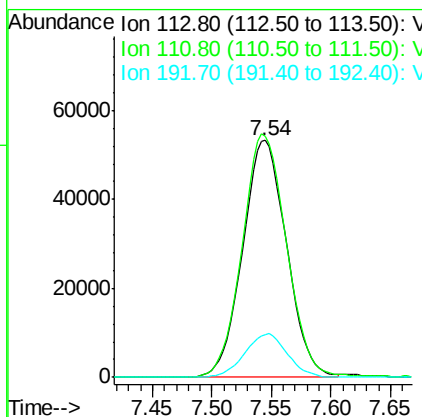
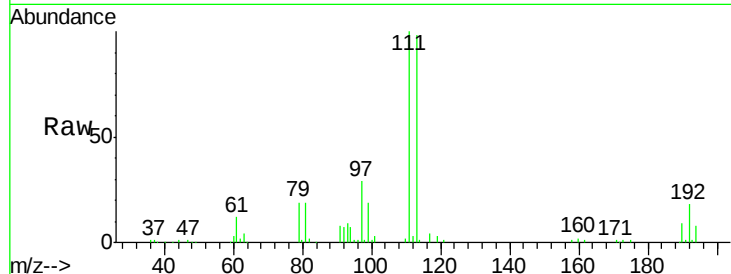
#35
 Dibromofluoromethane
 Concen: 50.173 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.7	82.2	123.4	
192	17.8	14.0	21.0	

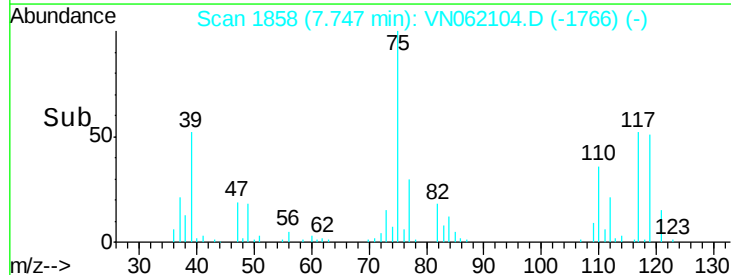
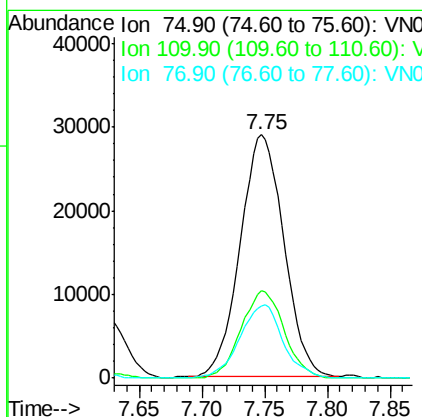
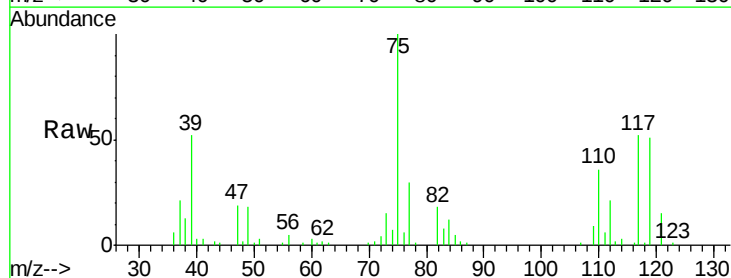
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#36
 1,1-Dichloropropene
 Concen: 16.497 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.5	17.9	53.8	
77	30.0	24.9	37.3	





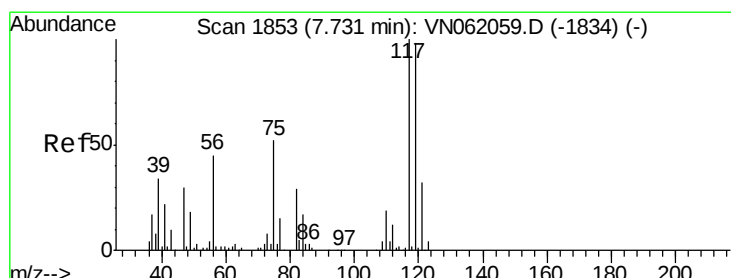
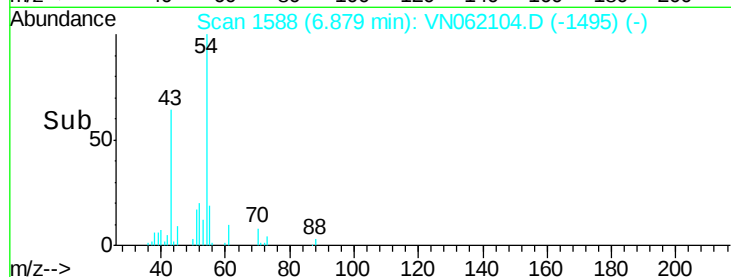
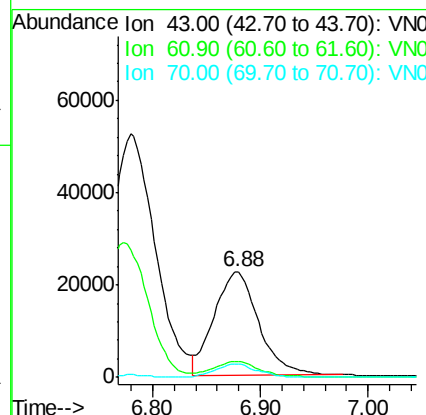
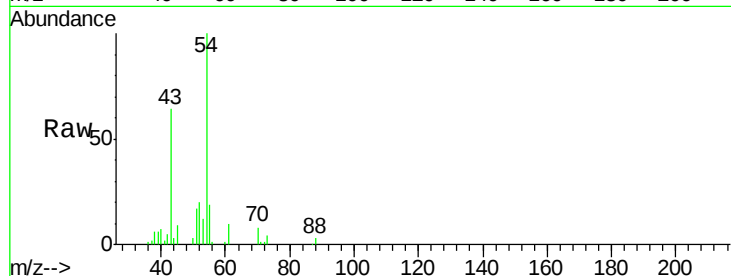
#37
Ethyl Acetate
Concen: 18.506 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.0	18.0
70	12.0	9.6	14.4

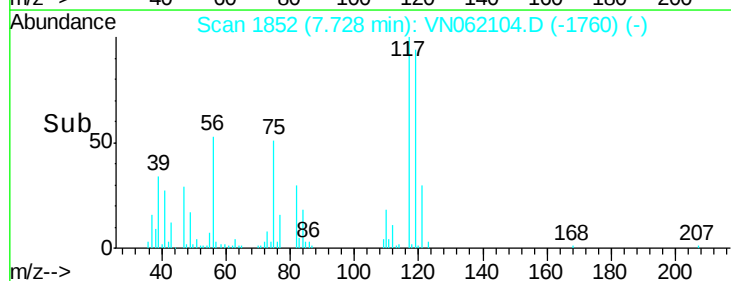
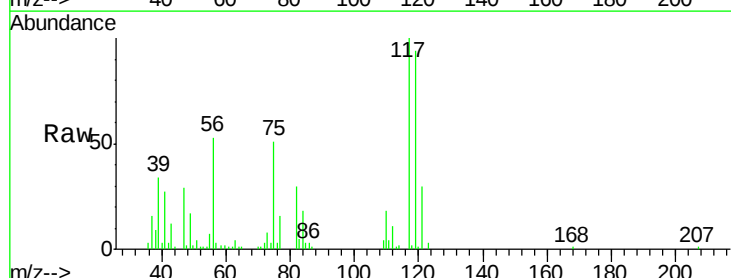
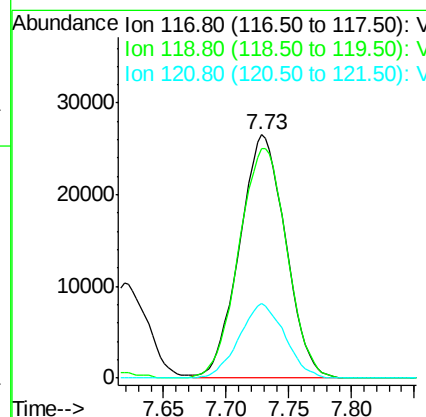
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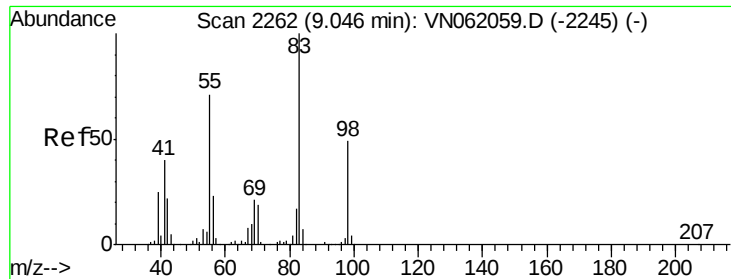
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#38
Carbon Tetrachloride
Concen: 16.950 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.2	117.2
121	30.4	25.8	38.6





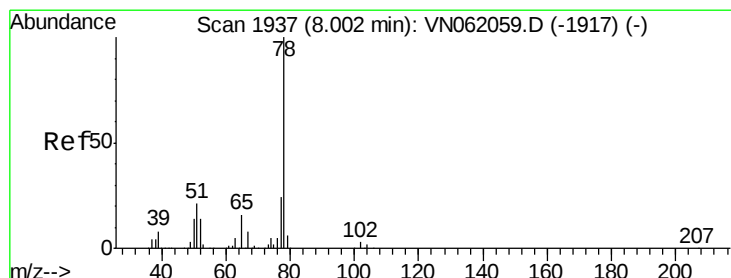
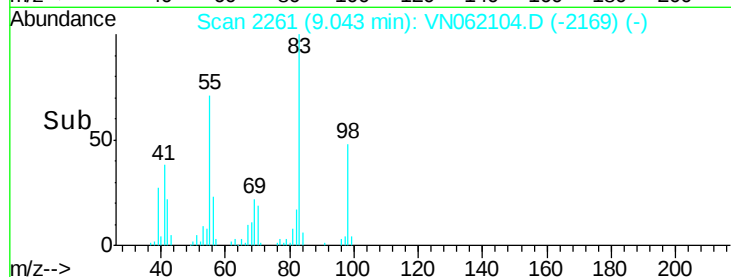
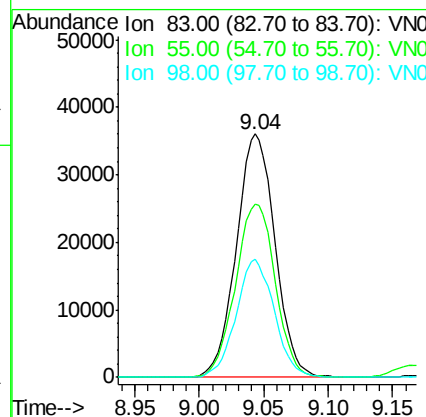
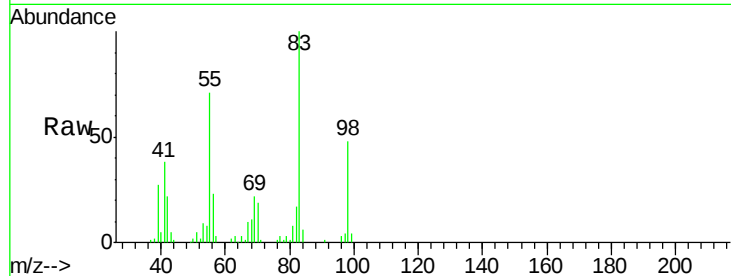
#39
Methvlcvclohexane
Concen: 16.154 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	83	Resp	75146
Ion Ratio	100	Lower	Upper
83	100		
55	71.1	57.0	85.6
98	48.3	39.0	58.6

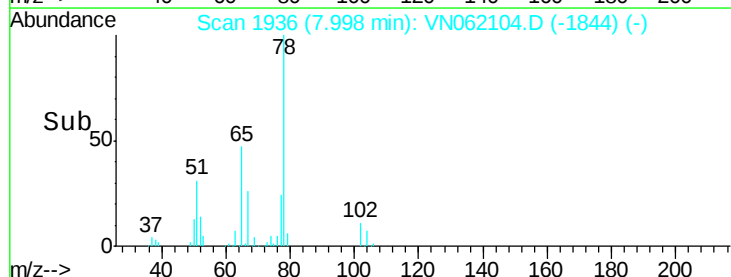
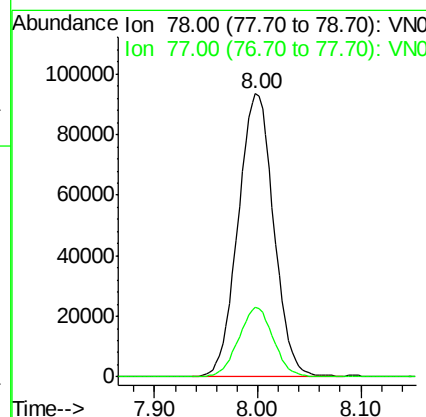
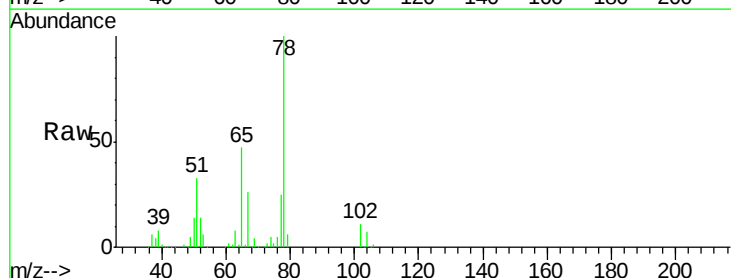
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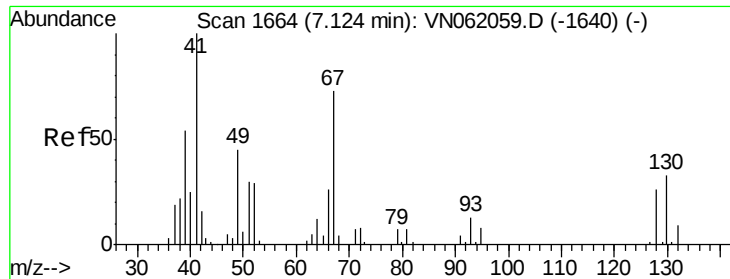
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#40
Benzene
Concen: 17.370 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	78	Resp	224777
Ion Ratio	100	Lower	Upper
78	100		
77	24.6	19.5	29.3





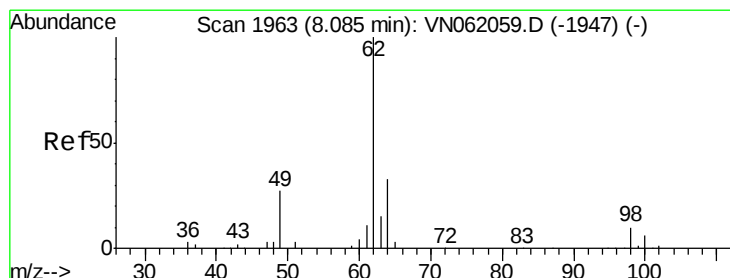
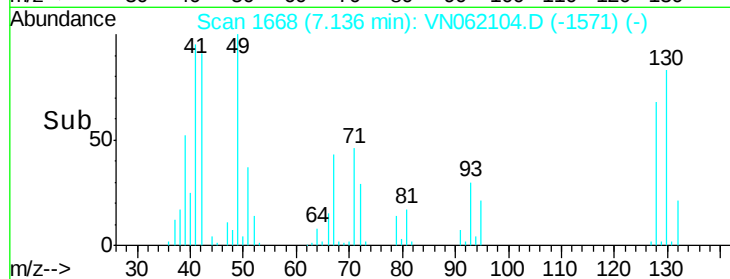
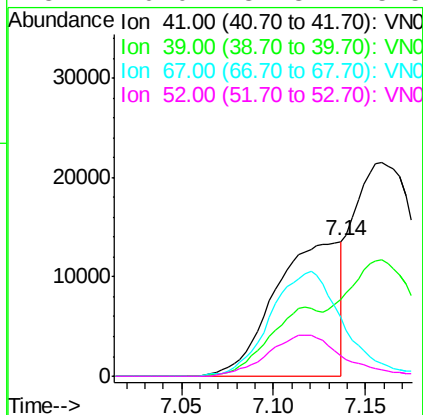
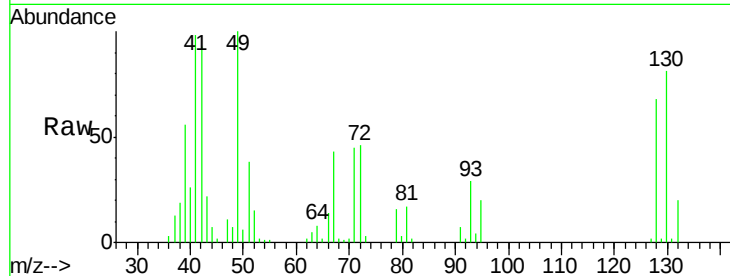
#41
Methacrylonitrile
Concen: 20.624 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	86.3	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

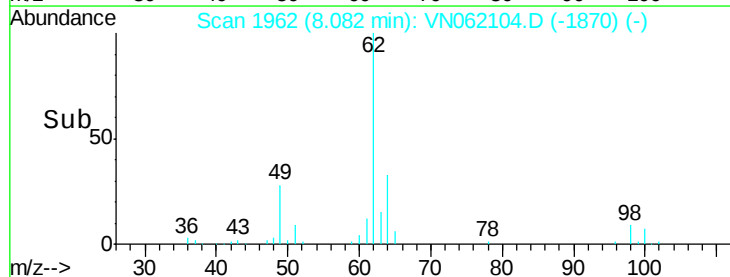
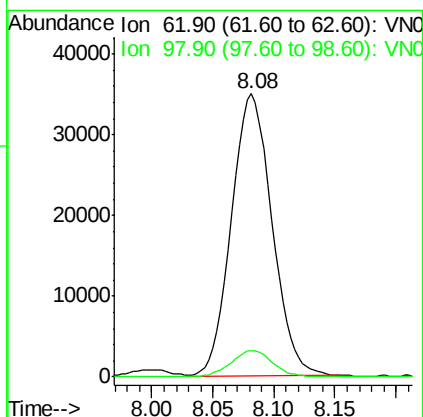
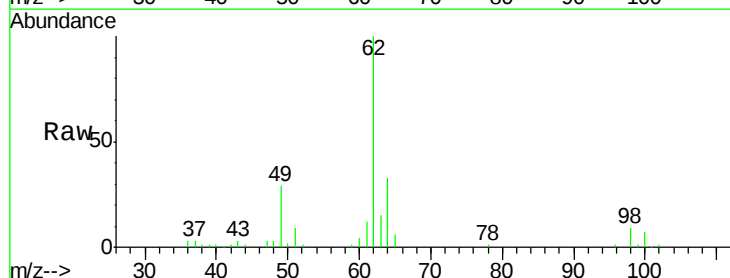
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#42
1,2-Dichloroethane
Concen: 18.471 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8





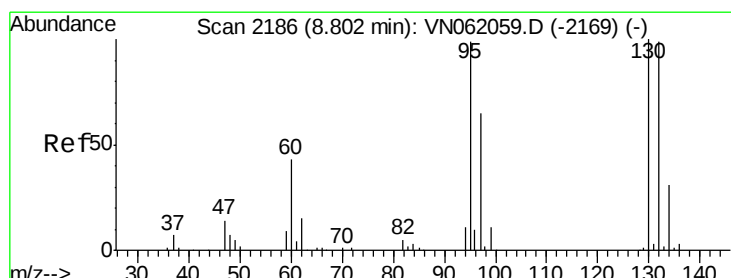
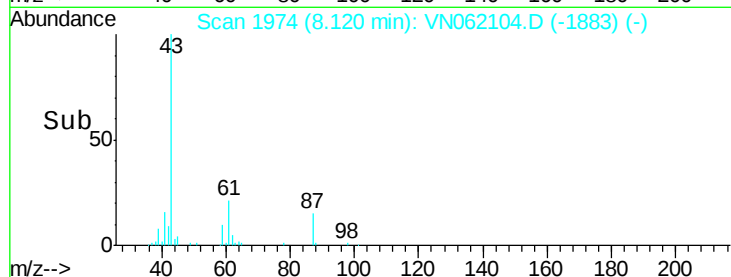
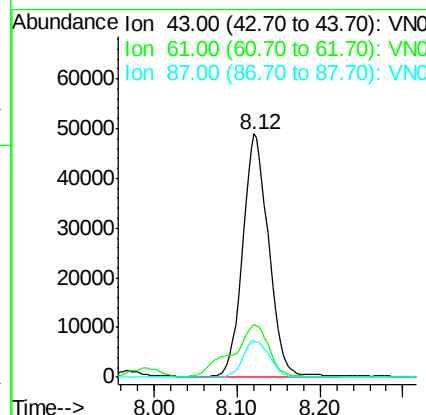
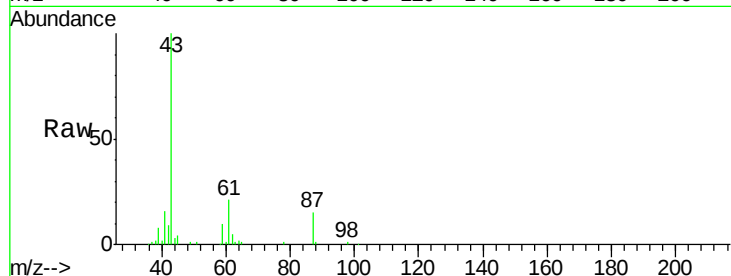
#43
Isopropyl Acetate
Concen: 18.716 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.01 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.8	17.2	25.8
87	15.3	12.1	18.1

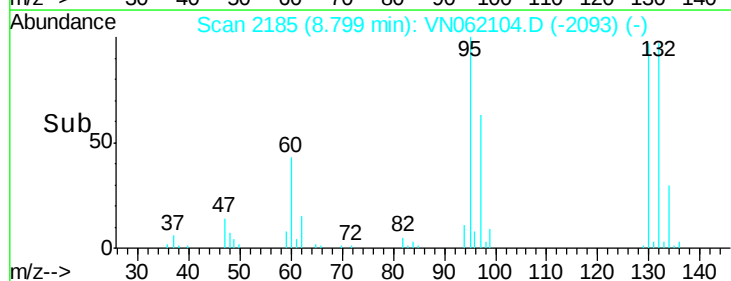
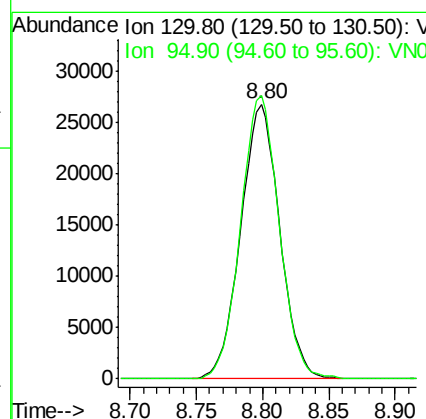
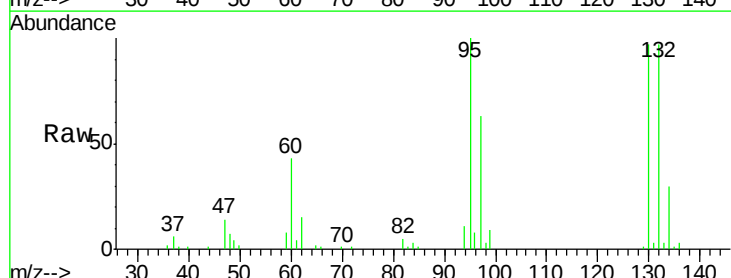
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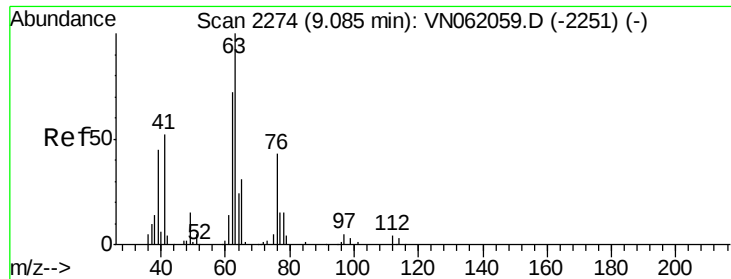
MMDadoda
6/26/2020 7:00:58 PM



#44
Trichloroethene
Concen: 16.734 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	197.8





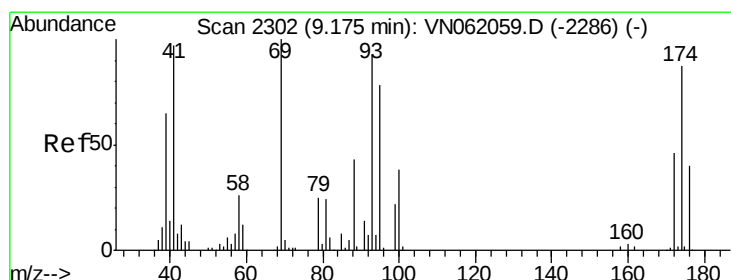
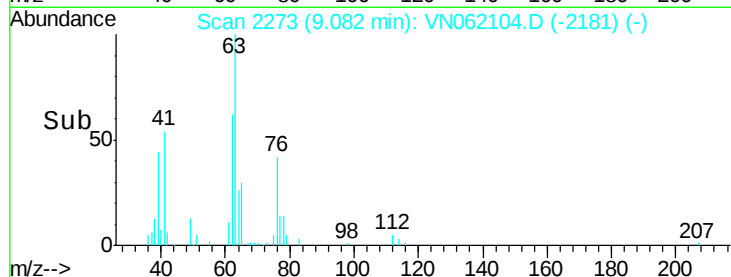
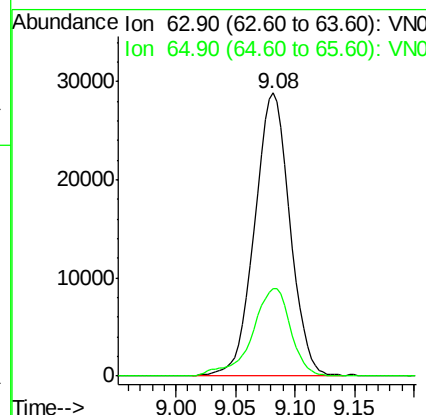
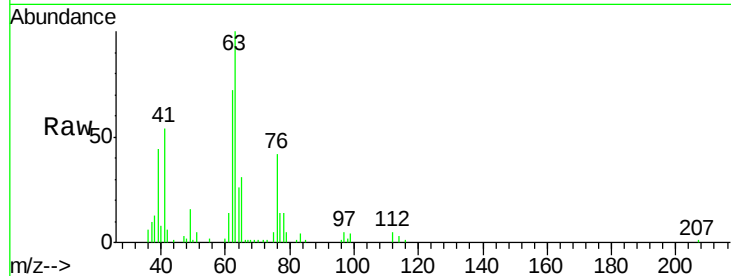
#45
 1,2-Dichloropropane
 Concen: 18.599 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Tot Ion: 63 Resp: 59375
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.4

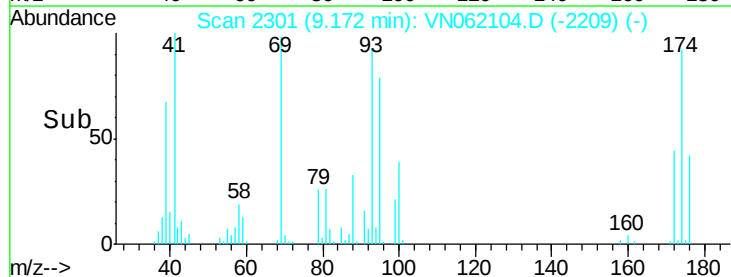
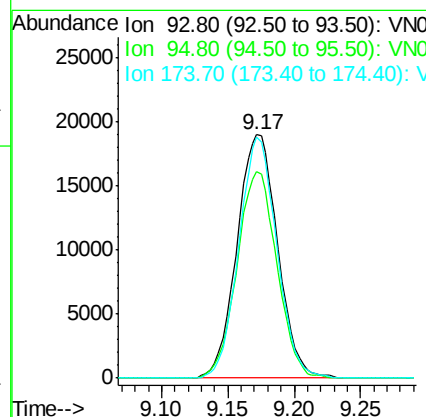
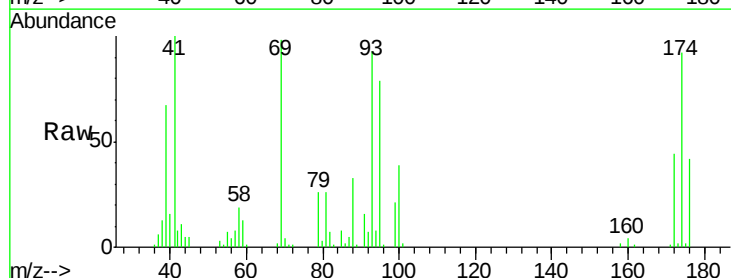
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 6/26/2020 7:00:58 PM



#46
 Dibromomethane
 Concen: 18.629 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 93 Resp: 40321
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 92.7 74.4 111.6





#47

Bromodichloromethane

Concen: 18.448 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

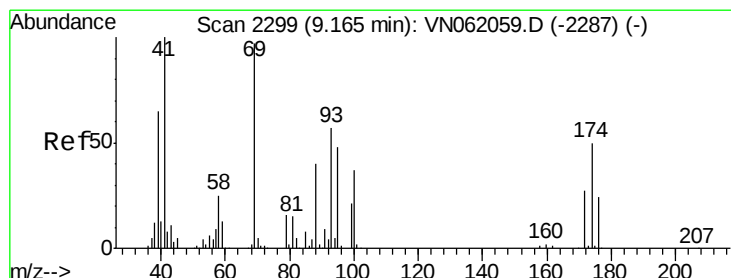
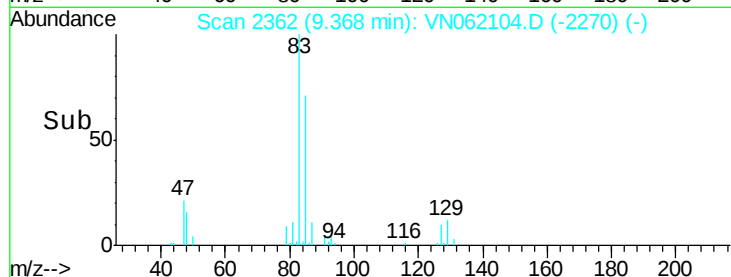
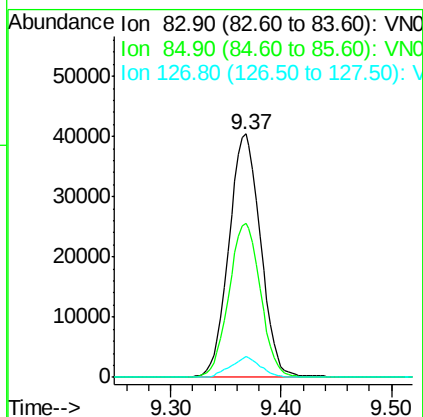
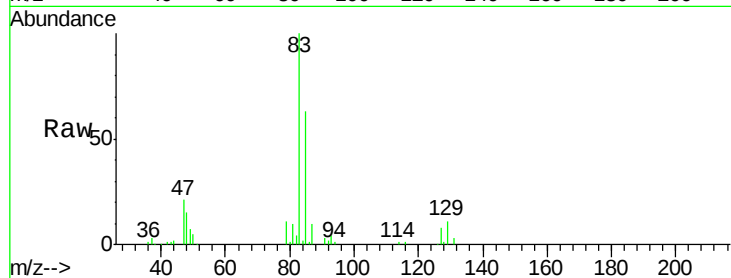
ClientSampleId :

VN0625MBS01

Tot Ion:	83	Resp:	80626
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.3	75.5
127	8.5	6.9	10.3

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#48

Methyl methacrylate

Concen: 18.372 ug/l

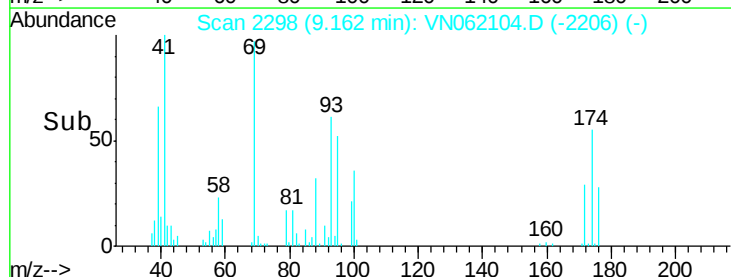
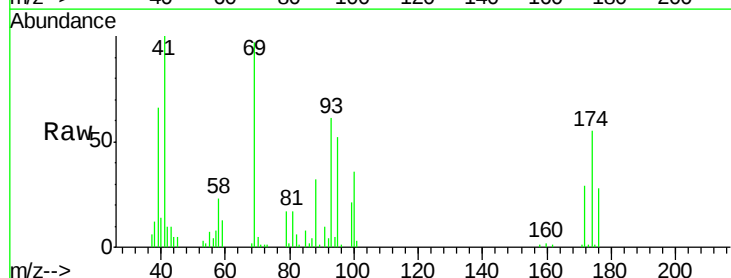
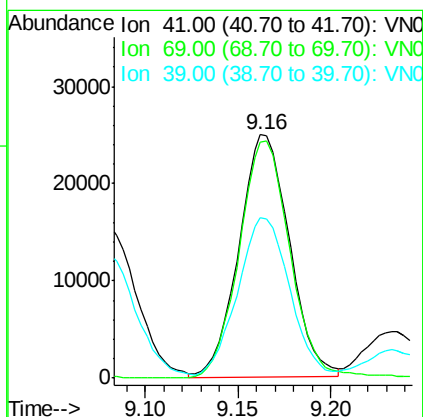
RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	41	Resp:	47208
Ion Ratio	Lower	Upper	
41	100		
69	99.2	80.7	121.1
39	69.0	54.5	81.7





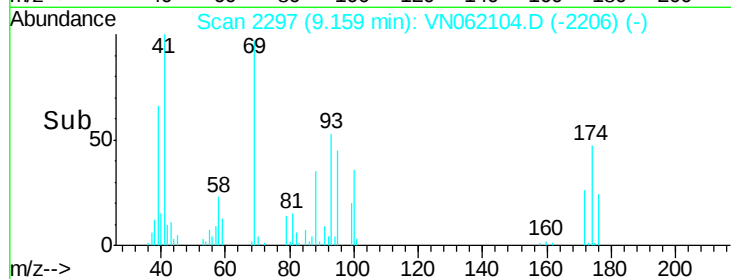
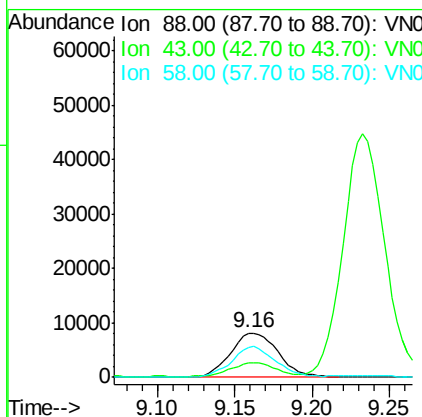
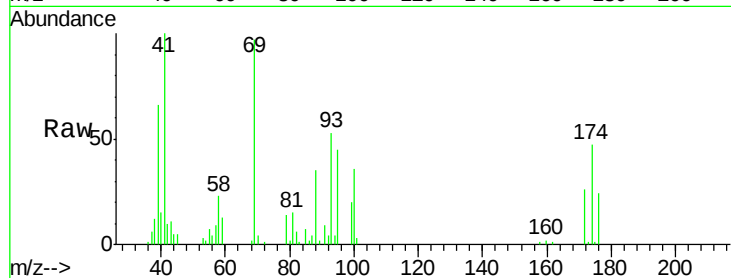
#49
1,4-Dioxane
Concen: 307.597 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.01 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	22.0	33.0
58	63.3	49.2	73.8

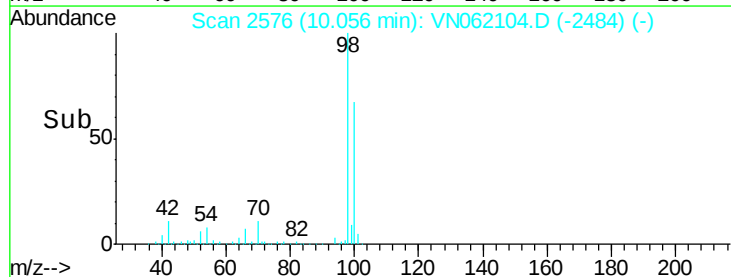
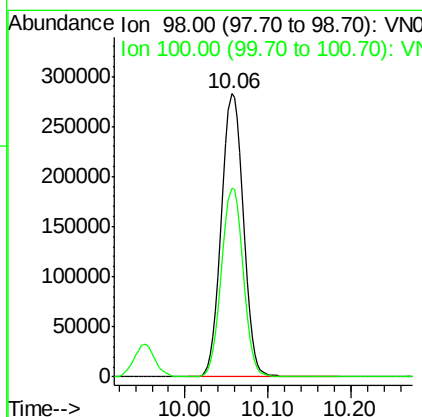
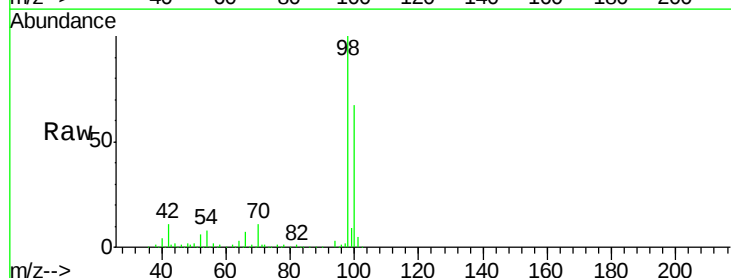
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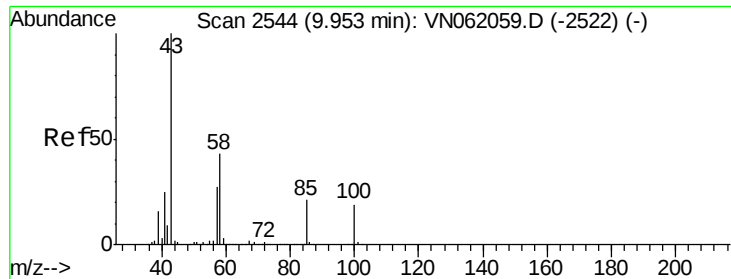
MMDadoda
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#50
Toluene-d8
Concen: 48.149 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 94.817 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0625MBS01

Tot Ion: 43 Resp: 317479

Ion Ratio Lower Upper

43 100

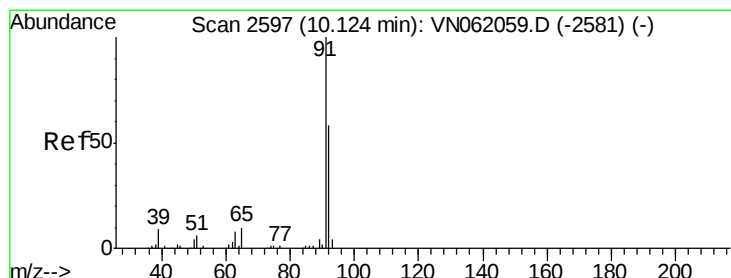
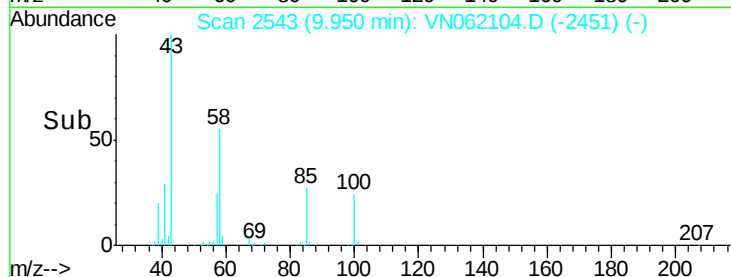
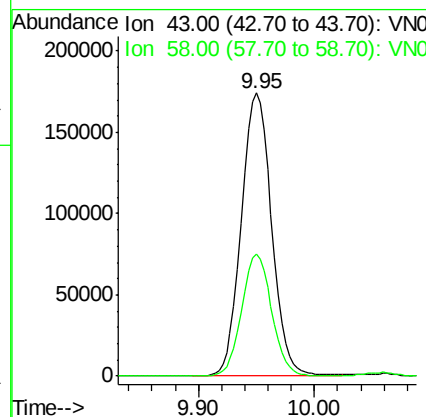
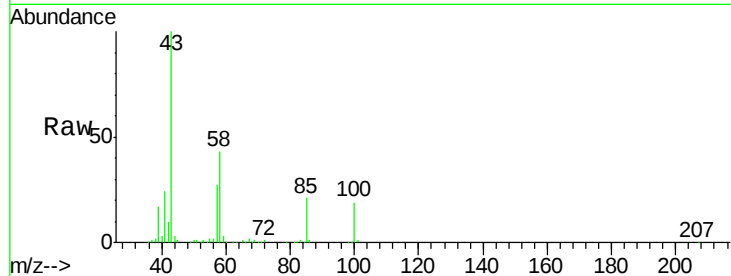
58 42.6 34.2 51.2

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#52

Toluene

Concen: 18.049 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062104.D

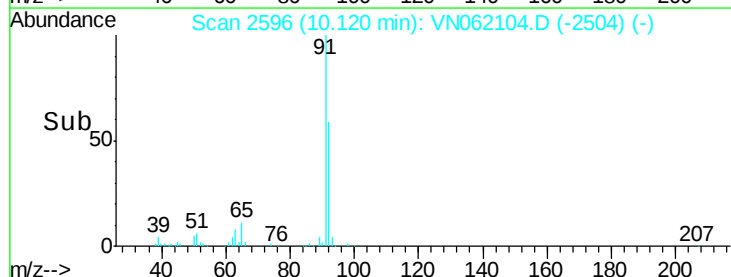
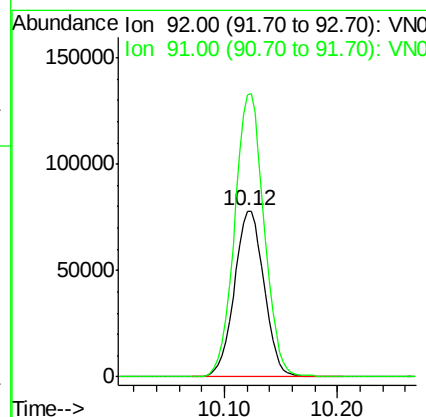
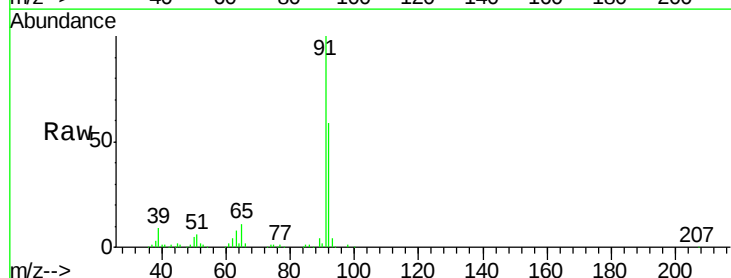
Acq: 25 Jun 2020 12:24

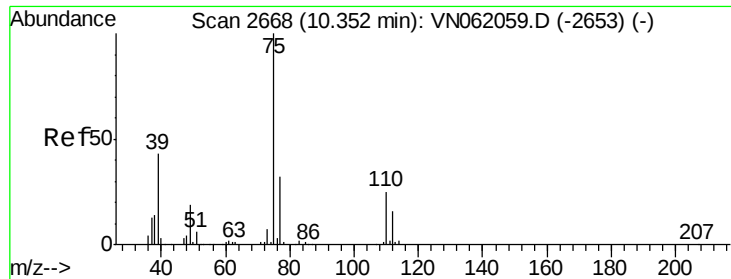
Tgt Ion: 92 Resp: 142510

Ion Ratio Lower Upper

92 100

91 169.6 137.4 206.0





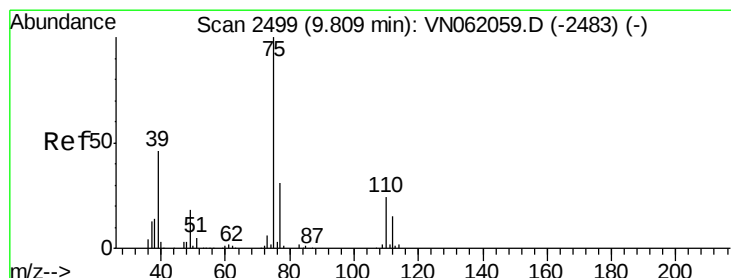
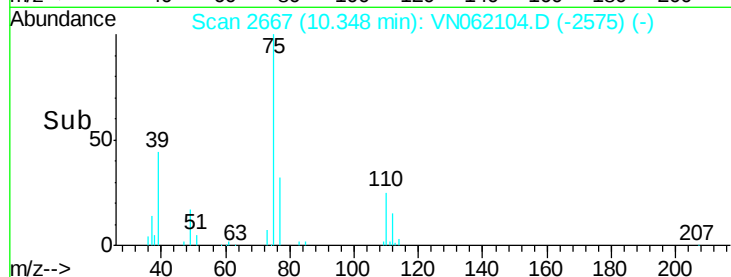
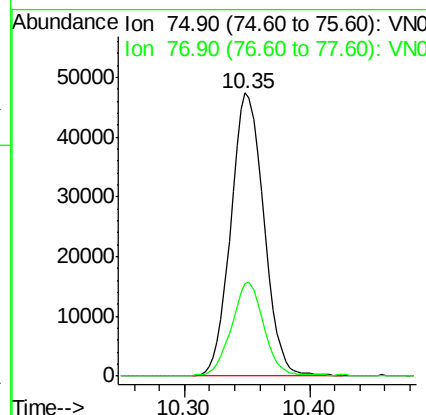
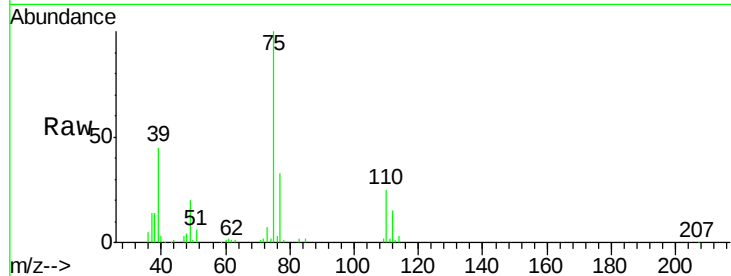
#53
t-1,3-Dichloropropene
Concen: 18.014 ug/l
RT: 10.35 min Scan# 2667
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.5	38.3

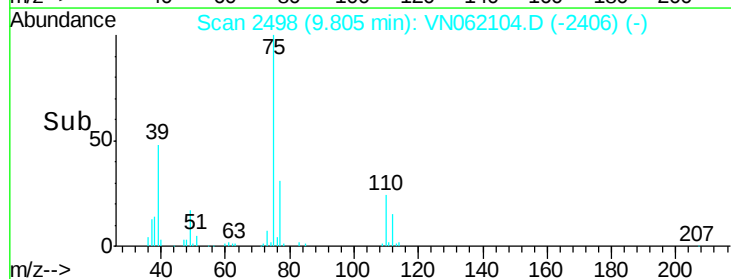
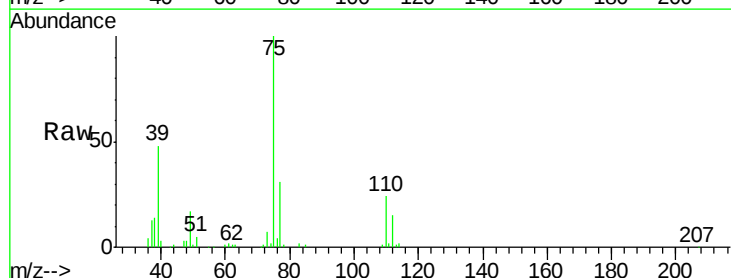
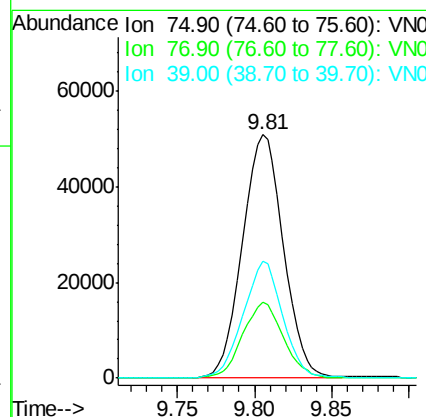
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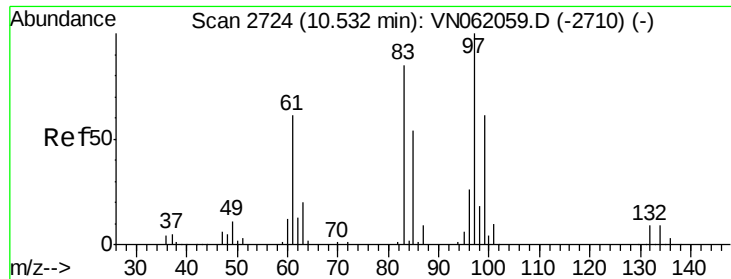
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#54
cis-1,3-Dichloropropene
Concen: 18.345 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.6
39	48.1	36.9	55.3





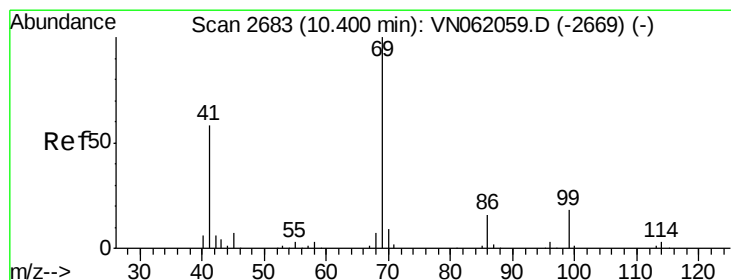
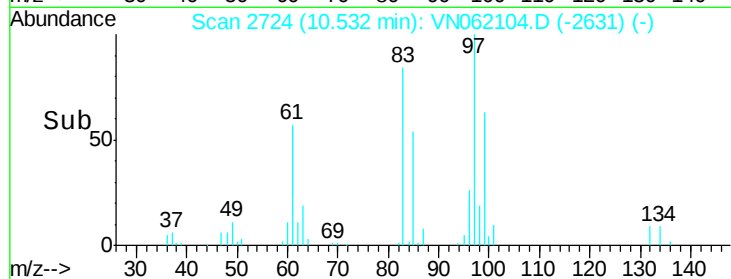
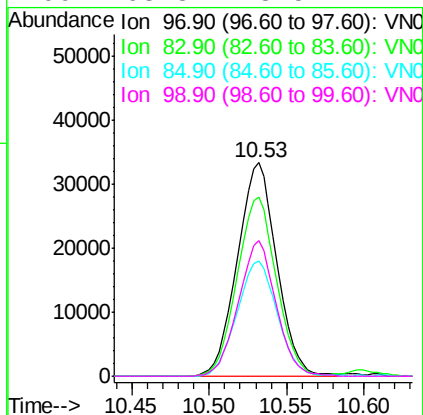
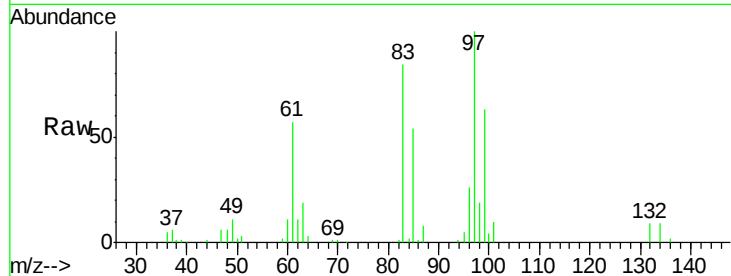
#55
 1,1,2-Trichloroethane
 Concen: 19.042 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		59101		
83	84.0	68.2	102.2		
85	53.8	43.2	64.8		
99	63.3	48.5	72.7		

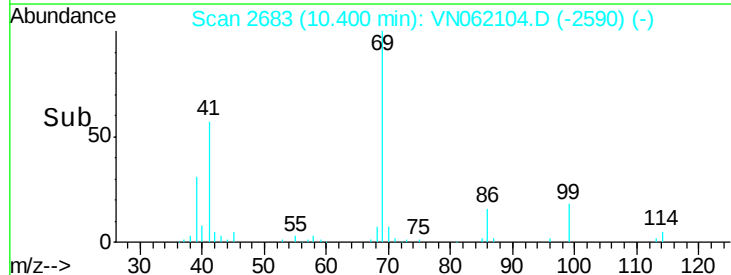
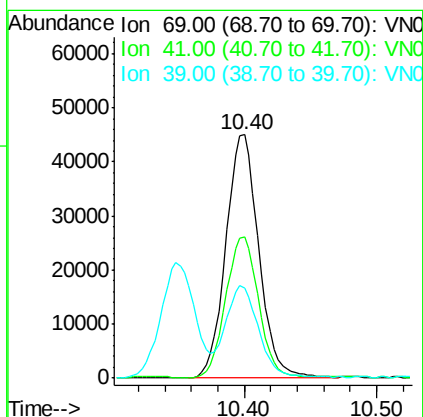
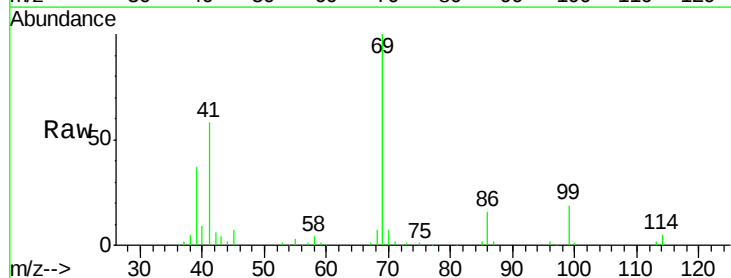
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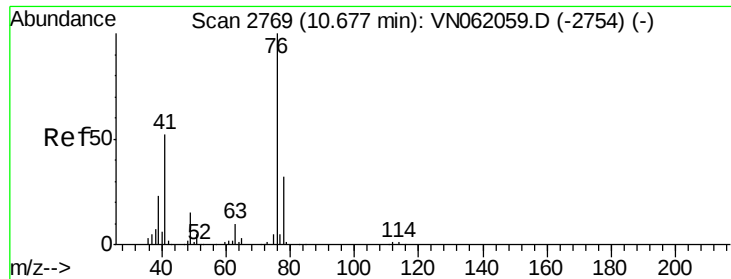
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 6/26/2020 7:00:58 PM



#56
 Ethyl methacrylate
 Concen: 18.780 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		77785		
41	58.1	46.6	70.0		
39	38.3	31.0	46.4		





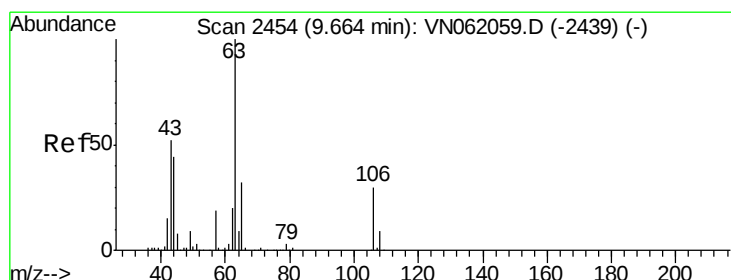
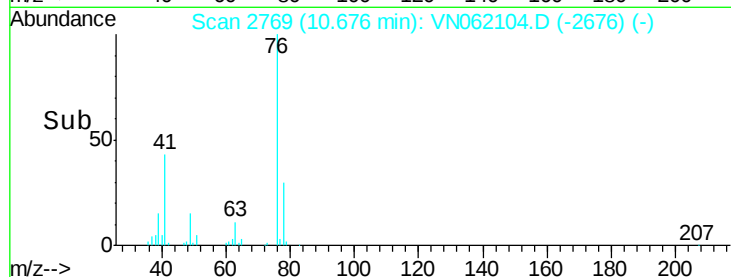
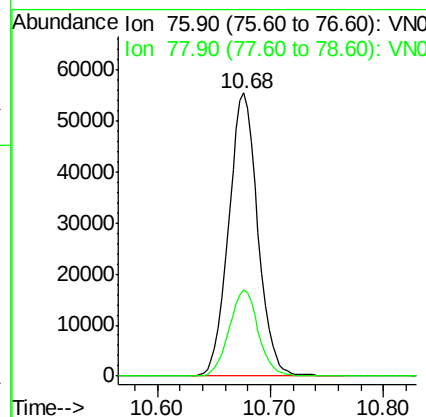
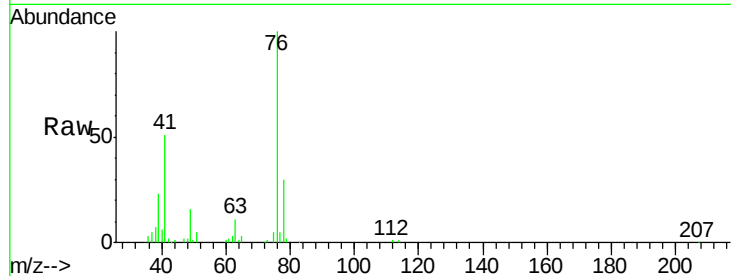
#57
 1,3-Dichloropropane
 Concen: 18.574 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.4	25.8	38.8

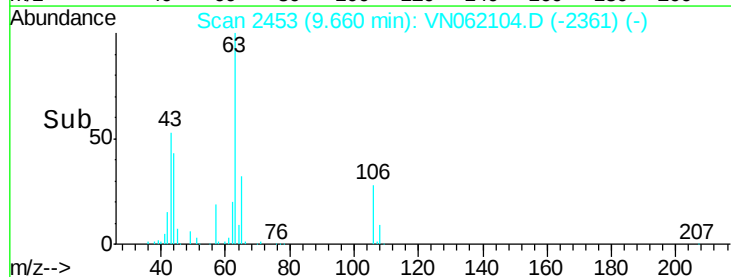
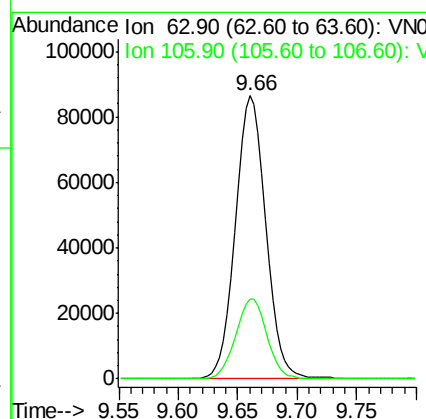
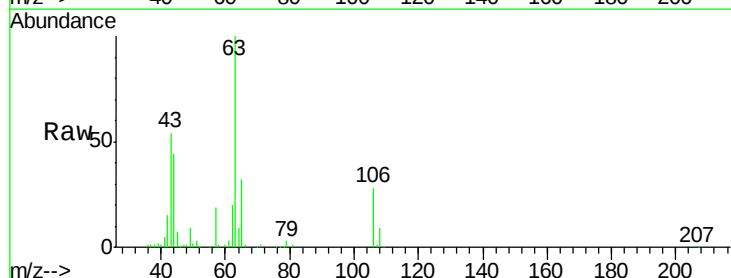
Manual Integrations
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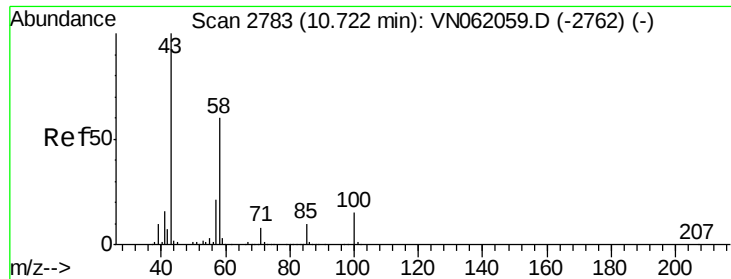
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 6/26/2020 7:00:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.421 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.2	34.8





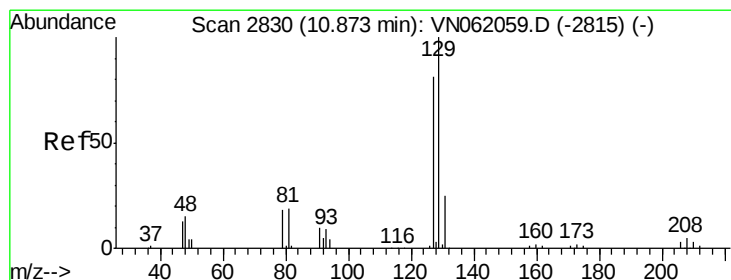
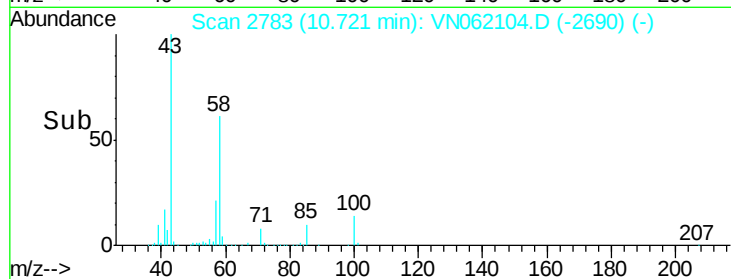
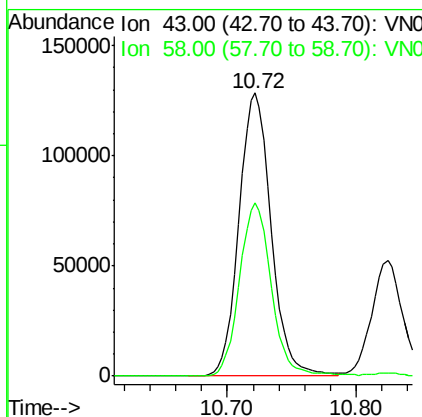
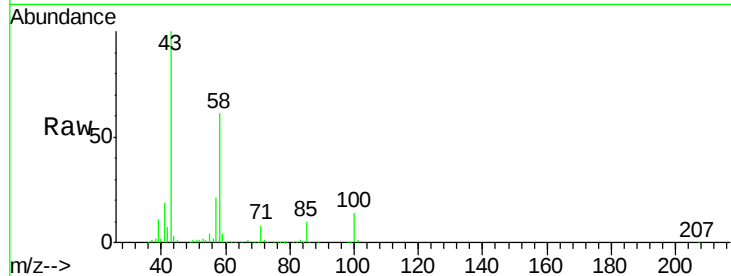
#59
2-Hexanone
Concen: 92.415 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.6	29.5	88.5

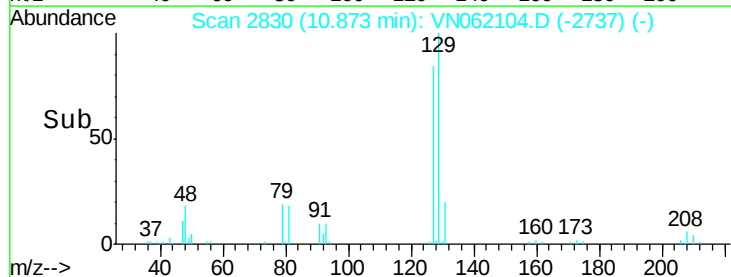
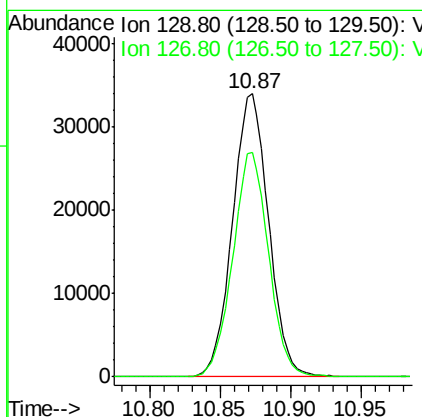
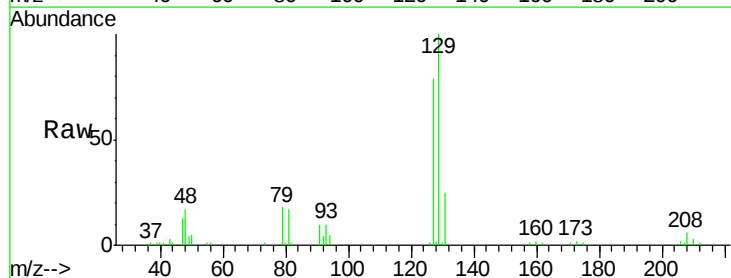
Manual Integrations
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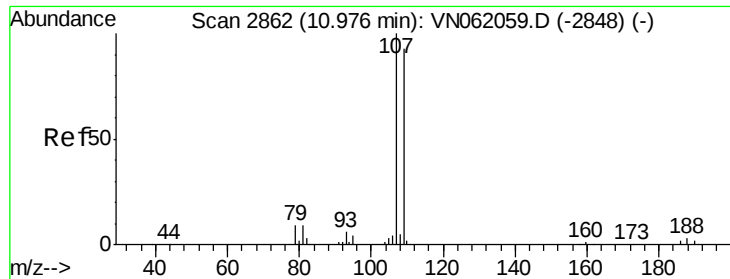
MMDadoda
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#60
Dibromochloromethane
Concen: 18.534 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.5	118.5





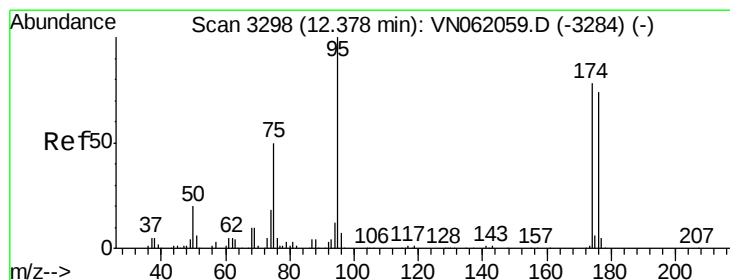
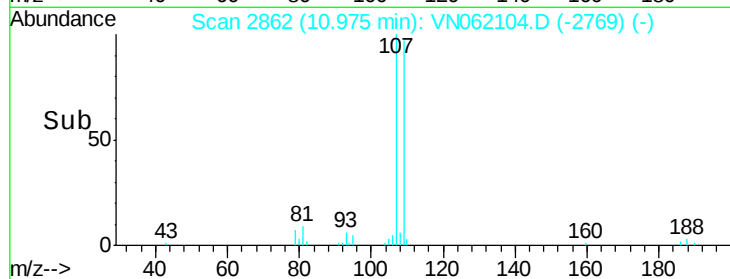
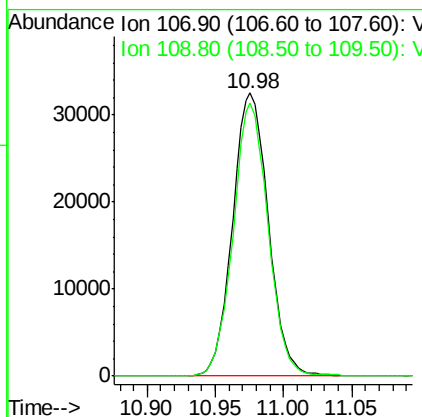
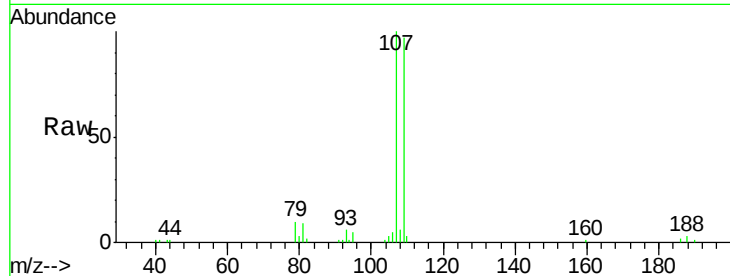
#61
 1,2-Dibromoethane
 Concen: 18.580 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.0	112.6

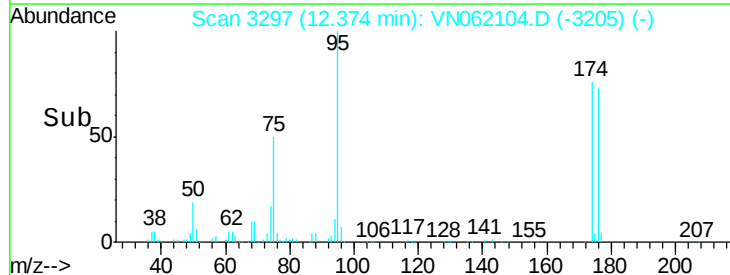
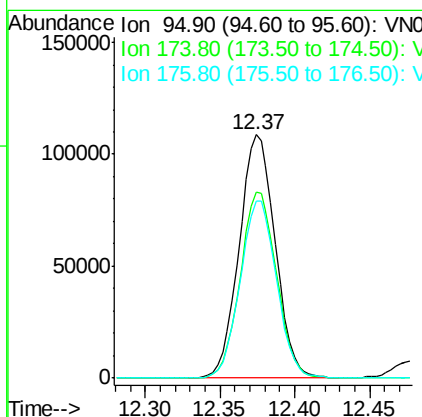
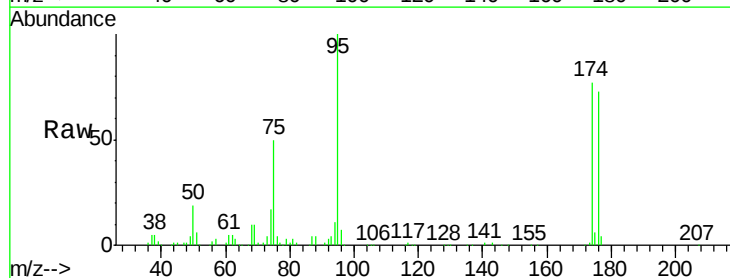
Manual Integrations
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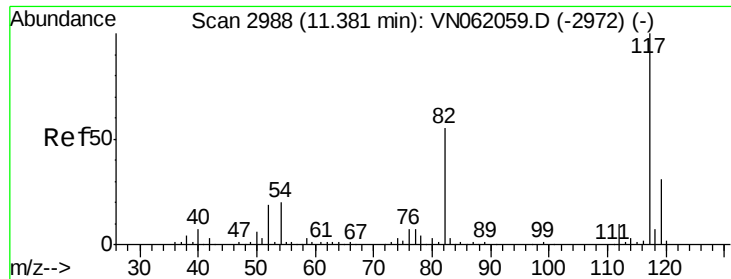
MMDadoda
 6/26/2020 7:00:58 PM



#62
 4-Bromofluorobenzene
 Concen: 49.772 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	154.8
176	73.6	0.0	147.4





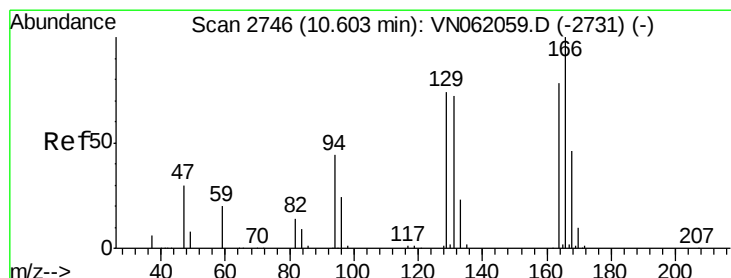
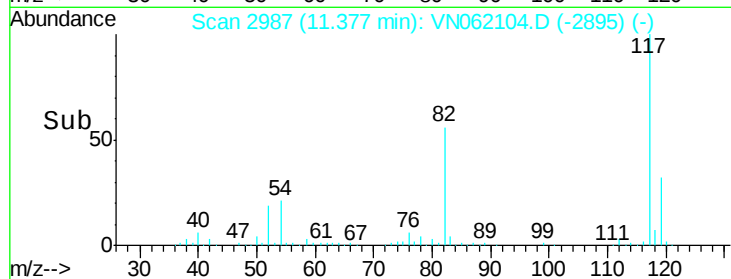
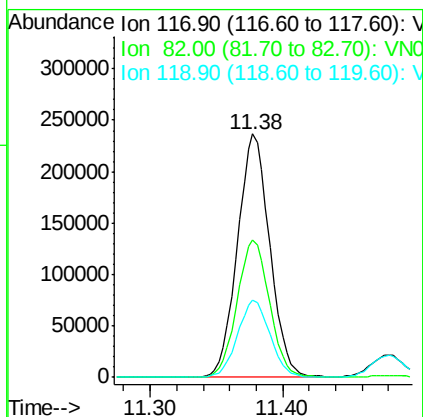
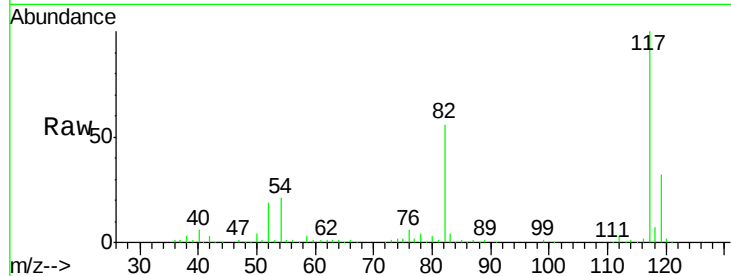
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.8	65.8
119	31.6	25.2	37.8

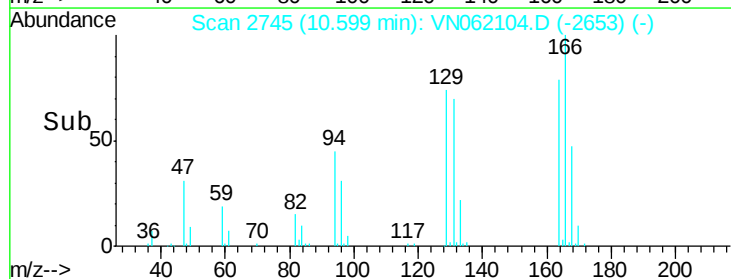
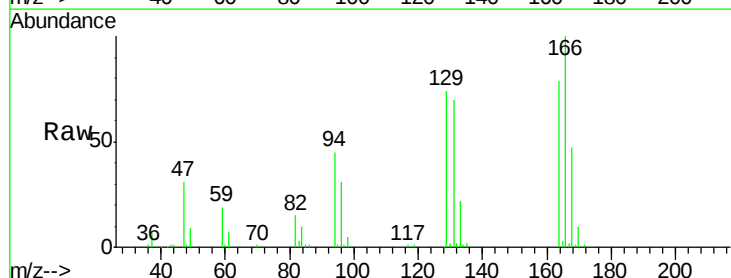
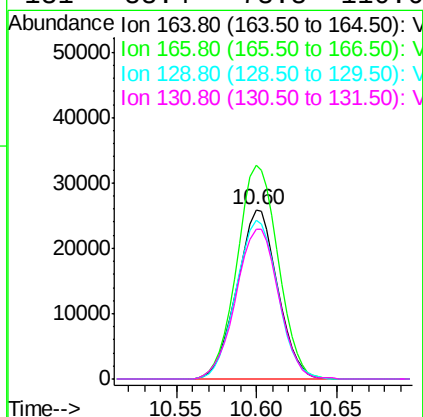
Manual Integrations
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#64
Tetrachloroethene
Concen: 16.314 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.9	154.3
129	93.8	75.8	113.8
131	88.4	73.8	110.6





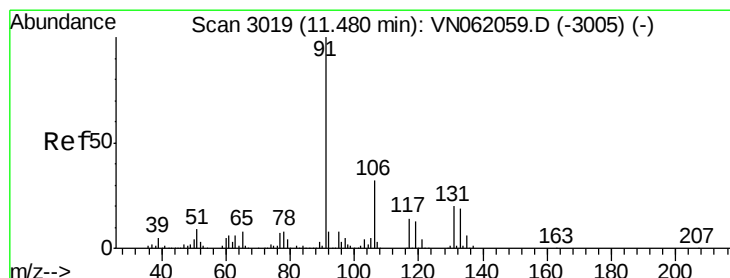
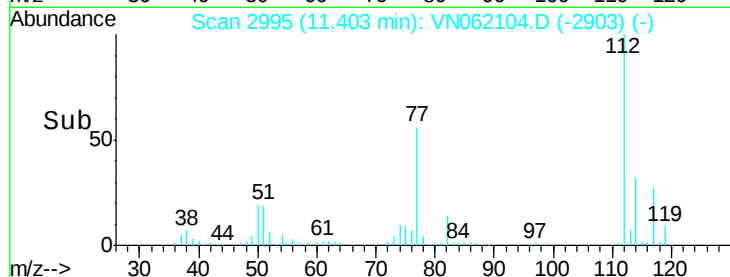
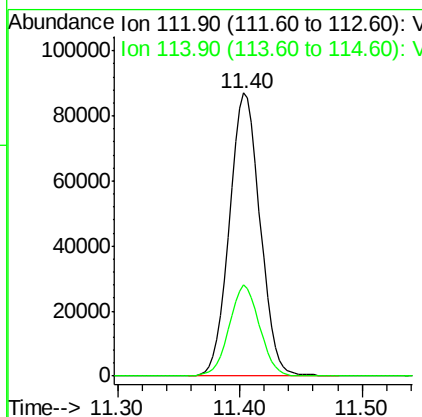
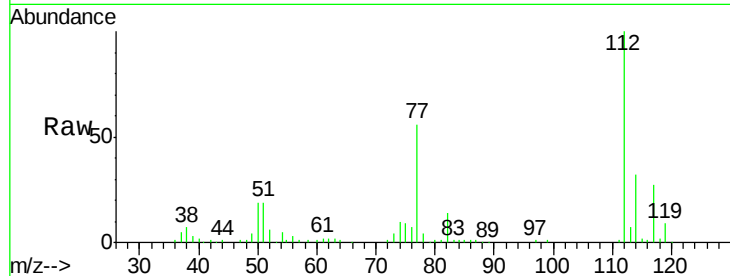
#65
Chlorobenzene
Concen: 17.349 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0625MBS01

Tot Ion:112 Resp: 152649
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

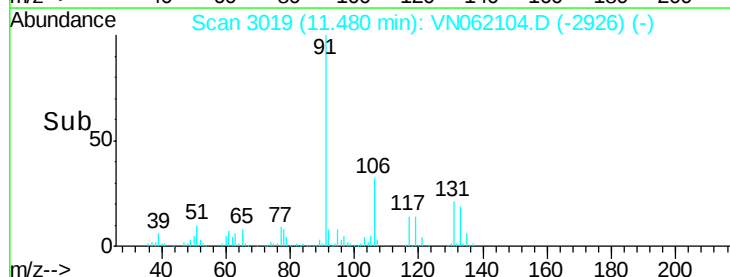
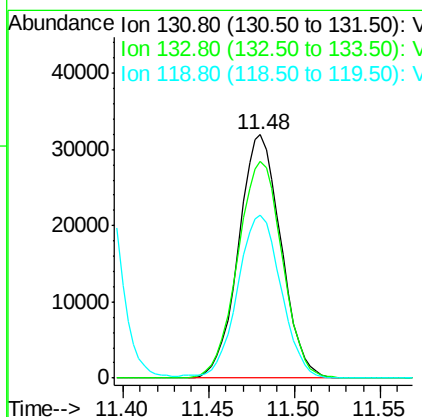
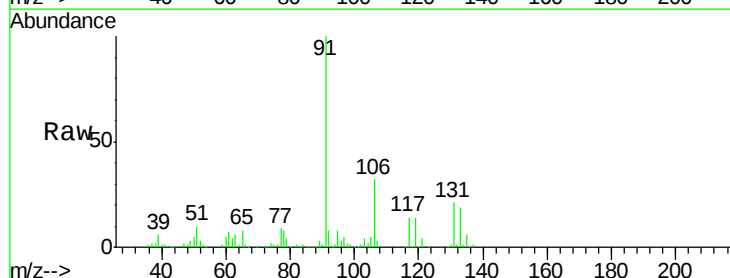
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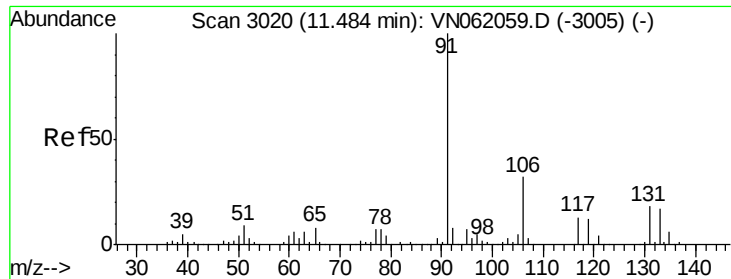
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.007 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion:131 Resp: 54787
Ion Ratio Lower Upper
131 100
133 93.5 47.6 142.9
119 68.2 34.4 103.3





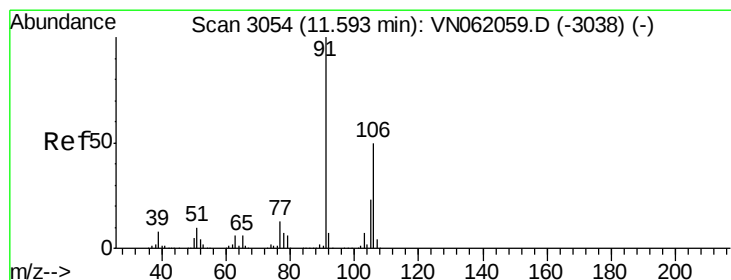
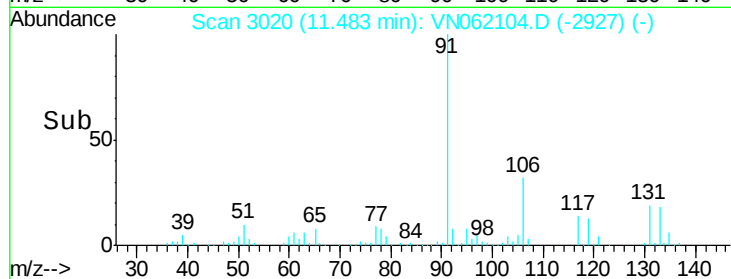
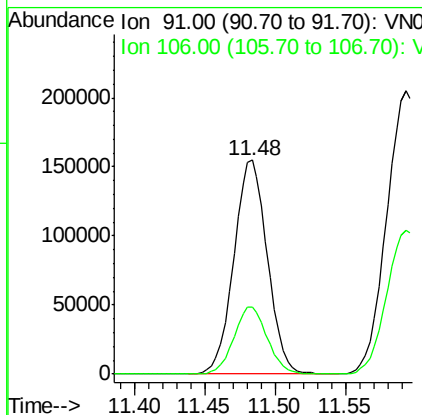
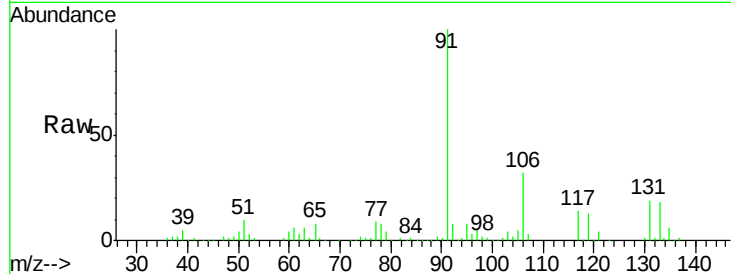
#67
Ethyl Benzene
Concen: 17.318 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion: 91 Resp: 257344
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

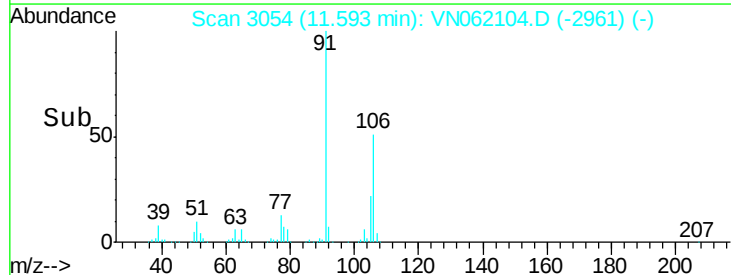
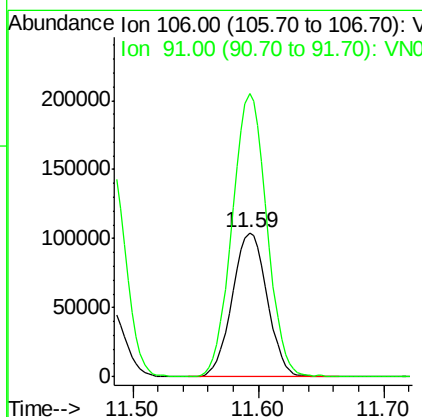
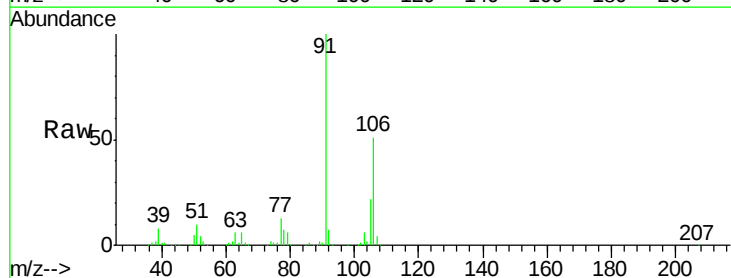
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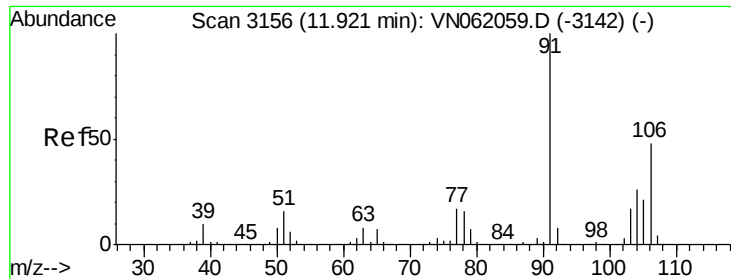
MMDadoda
6/26/2020 7:00:58 PM



#68
m/p-Xylenes
Concen: 35.146 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion: 106 Resp: 202010
Ion Ratio Lower Upper
106 100
91 194.9 157.8 236.8





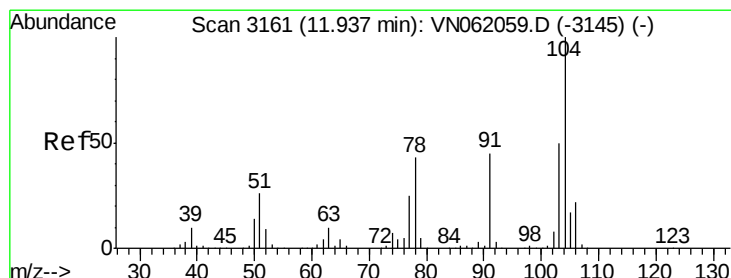
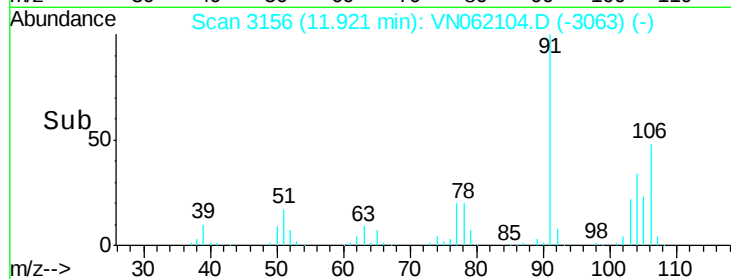
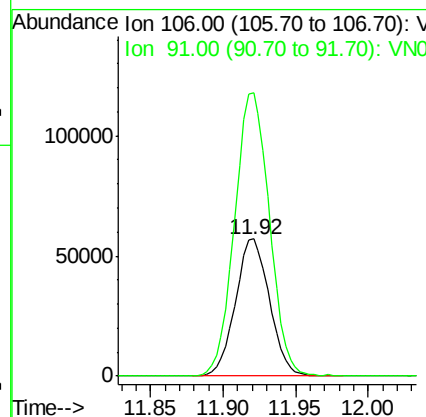
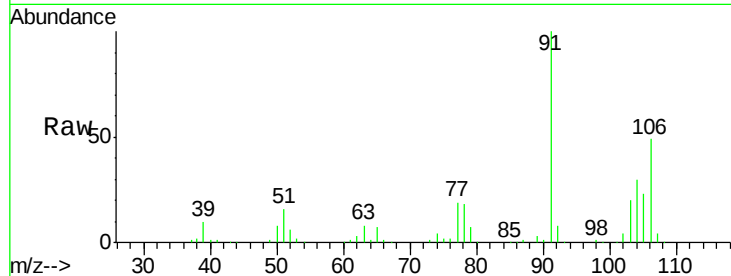
#69
o-Xylene
Concen: 17.214 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0625MBS01

Tot Ion:106 Resp: 93354
Ion Ratio Lower Upper
106 100
91 211.1 104.0 311.9

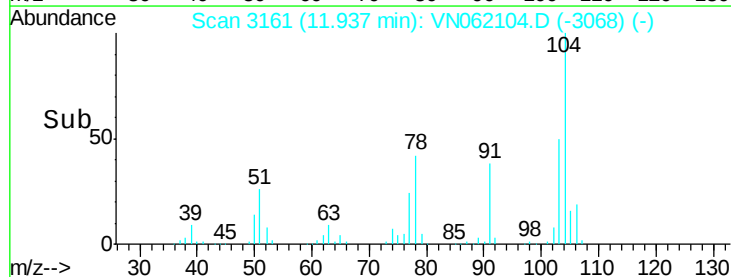
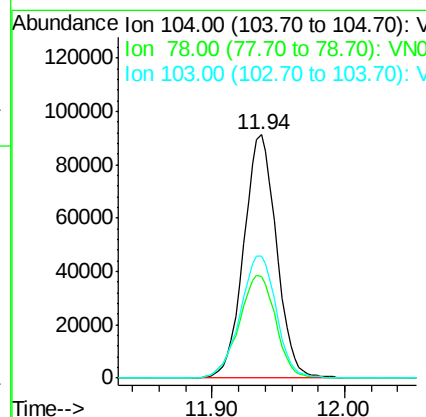
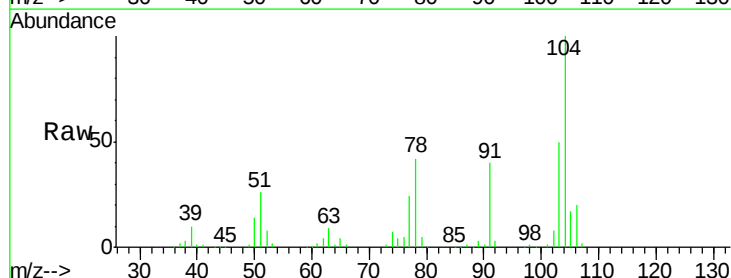
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#70
Styrene
Concen: 17.340 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion:104 Resp: 156825
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.4 43.0 64.6





#71

Bromoform

Concen: 18.012 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

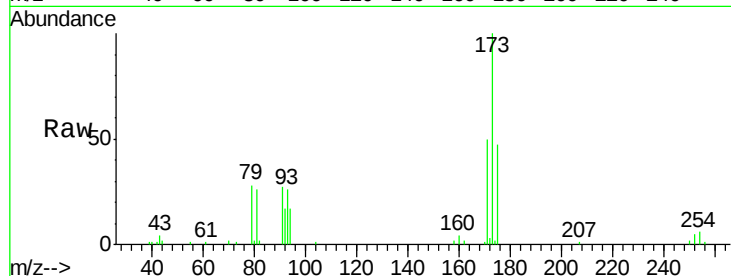
ClientSampleId :

VN0625MBS01

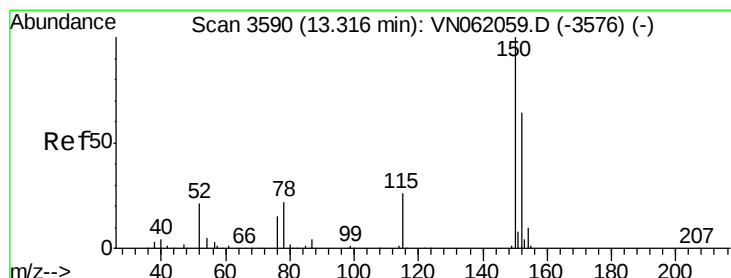
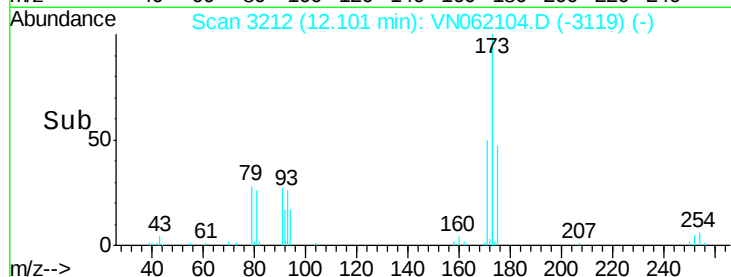
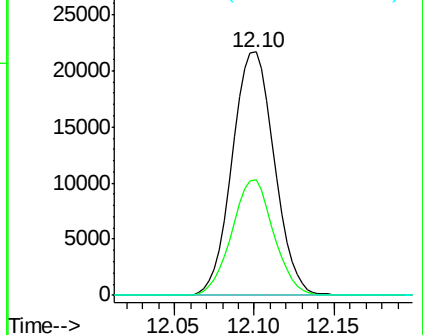
Tot Ion:	173	Resp:	38965
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.7	74.1
254	0.0	0.0	0.0

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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

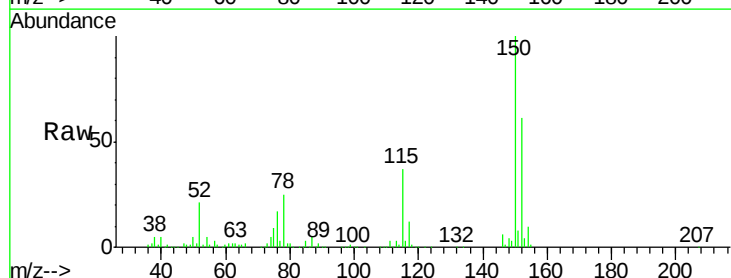
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

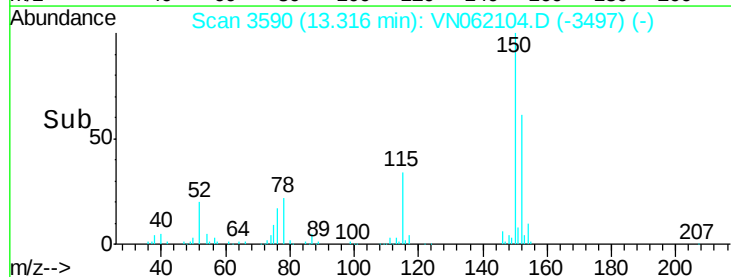
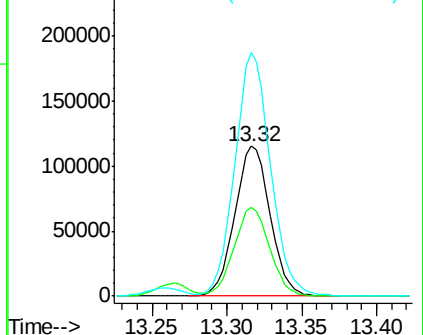
Lab File: VN062104.D

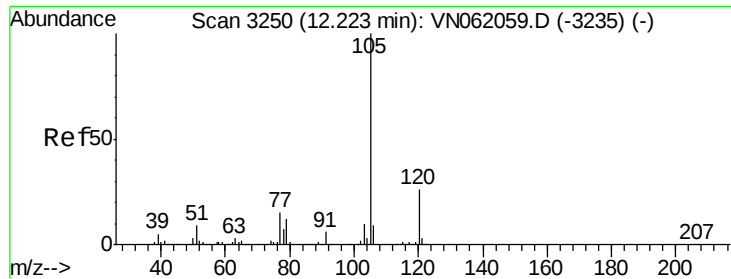
Acq: 25 Jun 2020 12:24

Tgt Ion:	152	Resp:	189268
Ion Ratio	Lower	Upper	
152	100		
115	59.2	29.5	88.5
150	164.2	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





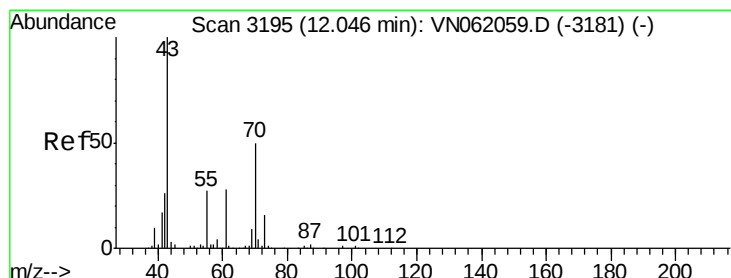
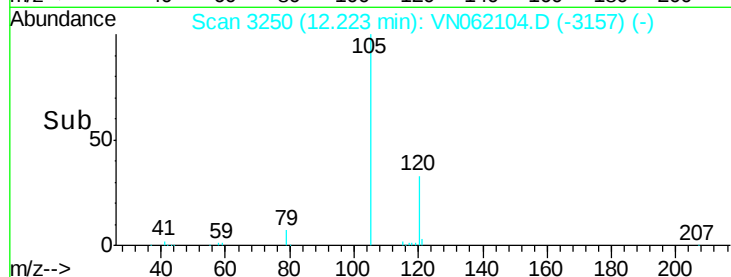
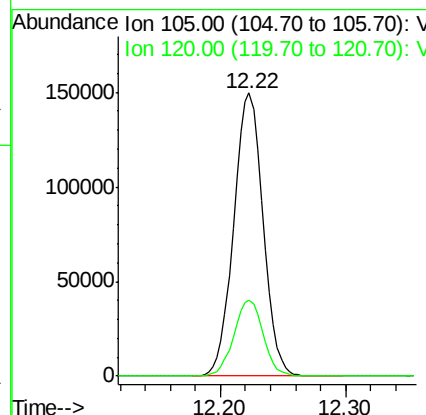
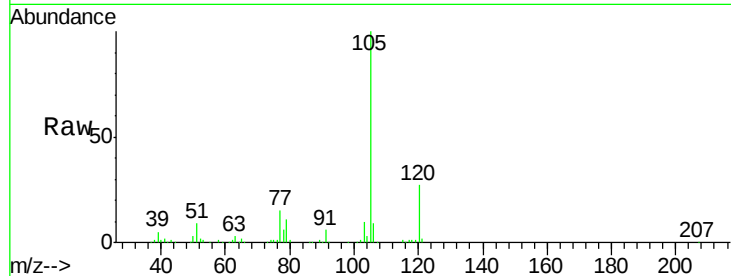
#73
Isopropylbenzene
Concen: 16.550 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.2	39.6

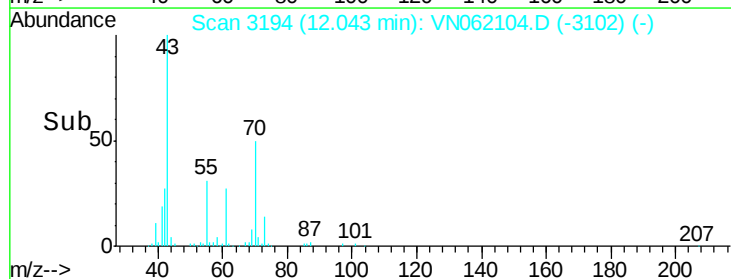
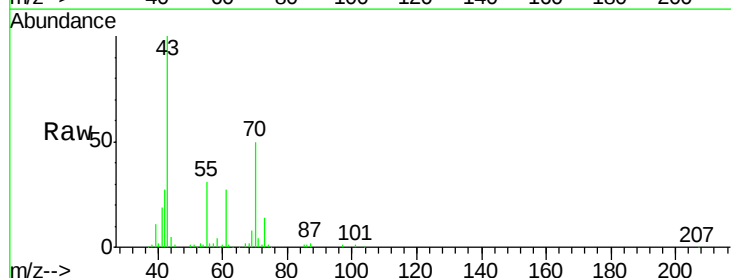
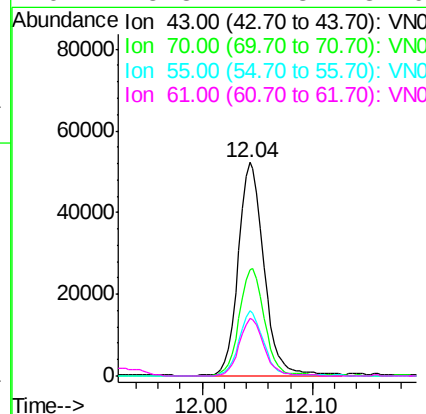
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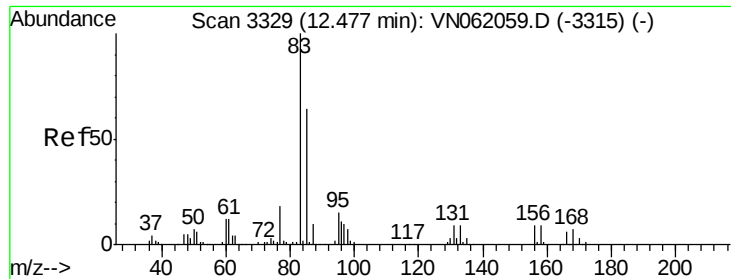
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#74
N-ethyl acetate
Concen: 18.110 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.4	39.4	59.2
55	29.1	21.7	32.5
61	25.8	21.3	31.9





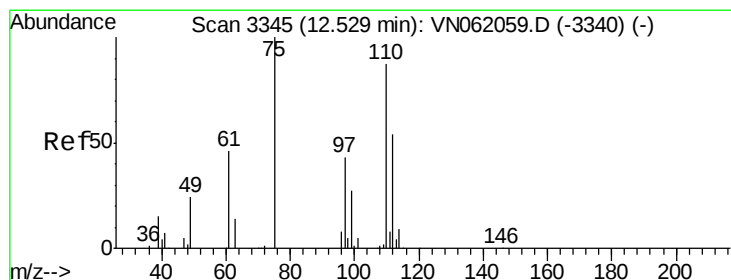
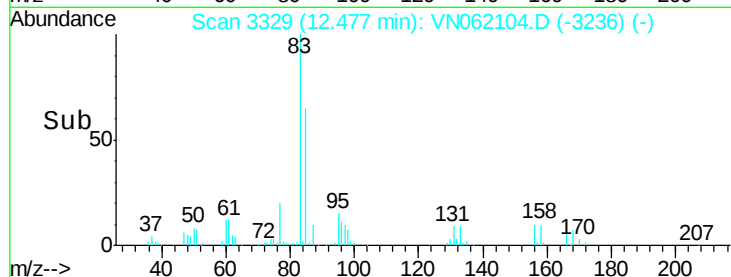
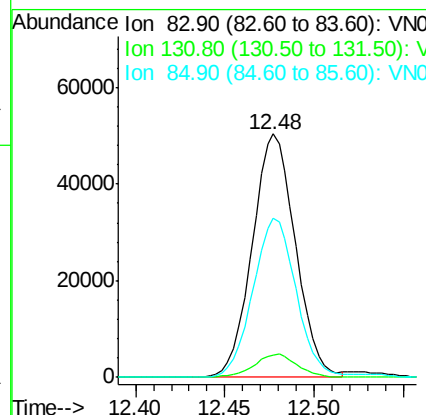
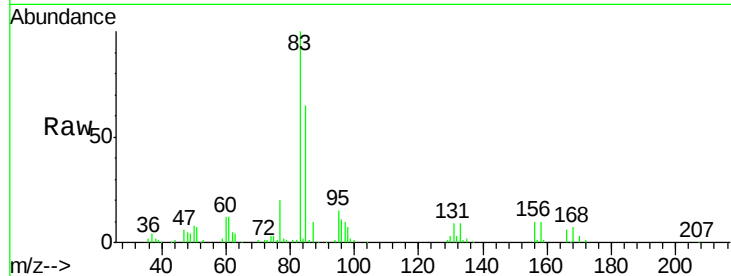
#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.433 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Tot Ion	83	Resp	84994
Ion Ratio	100	Lower	Upper
83	100		
131	9.5	4.8	14.4
85	65.3	32.4	97.0

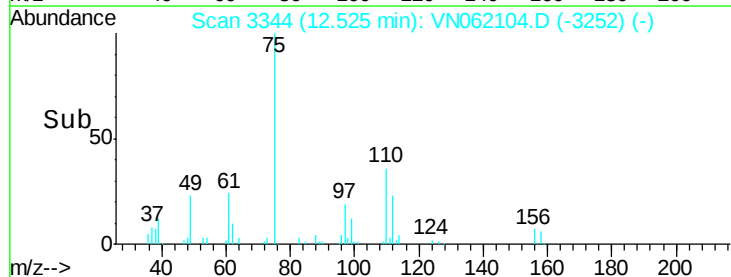
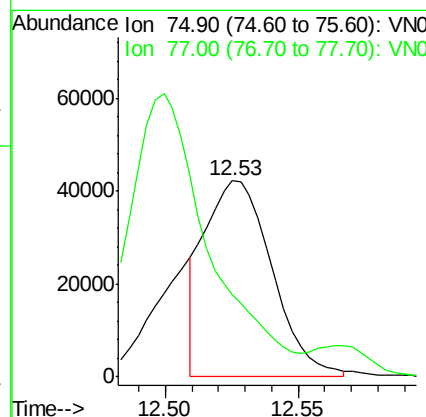
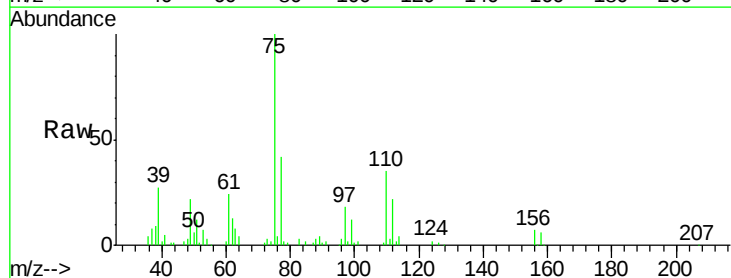
Manual Integrations
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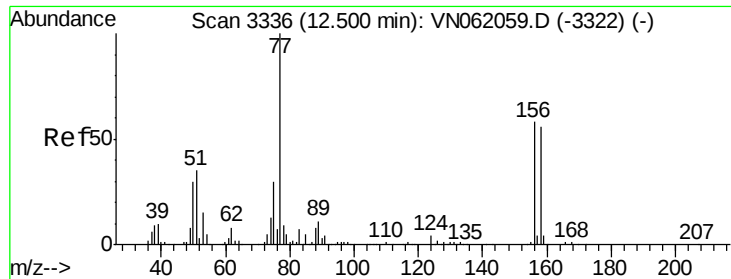
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 6/26/2020 7:00:58 PM



#76
 1,2,3-Trichloropropane
 Concen: 16.703 ug/l m
 RT: 12.53 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion	75	Resp	74421
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.004 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

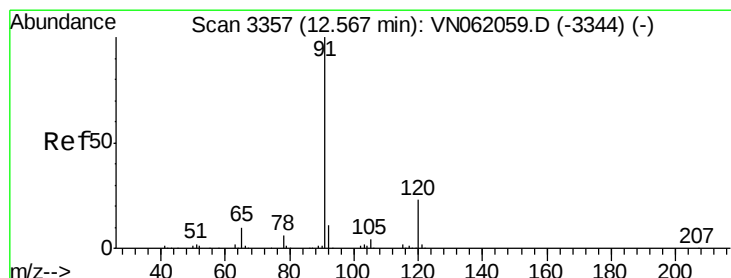
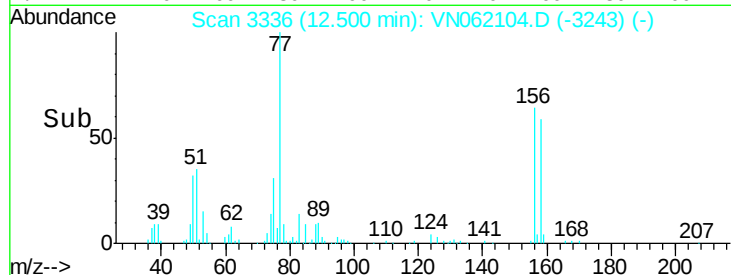
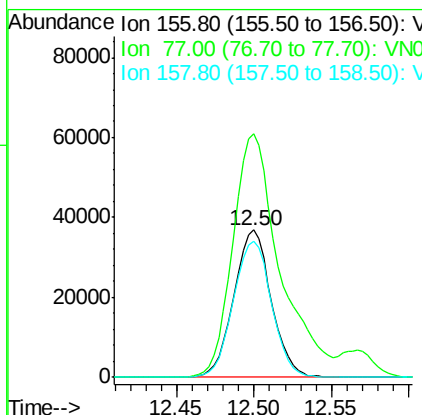
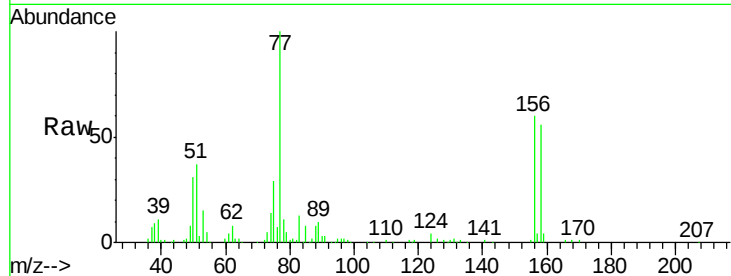
ClientSampleId :

VN0625MBS01

Tot Ion	156	Resp	61851
Ion Ratio	Lower	Upper	
156	100		
77	208.3	104.6	313.8
158	94.6	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 16.556 ug/l

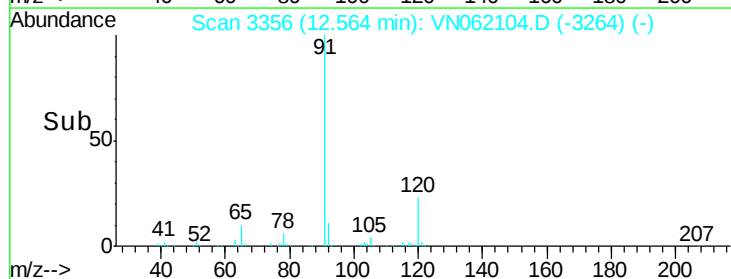
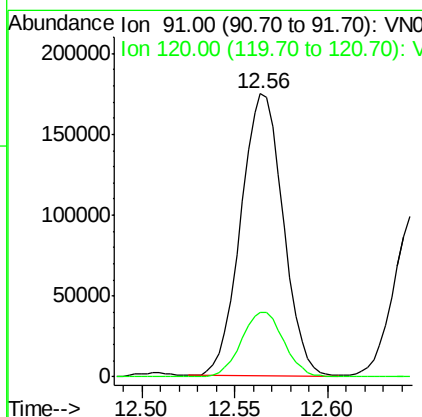
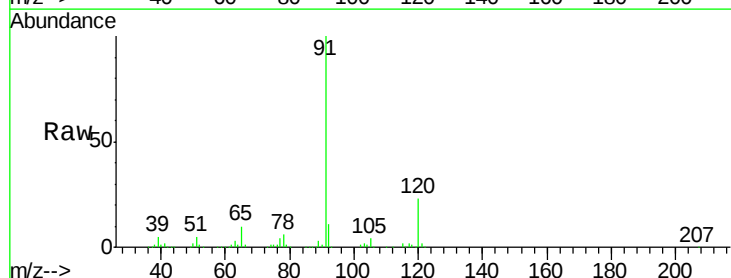
RT: 12.56 min Scan# 3356

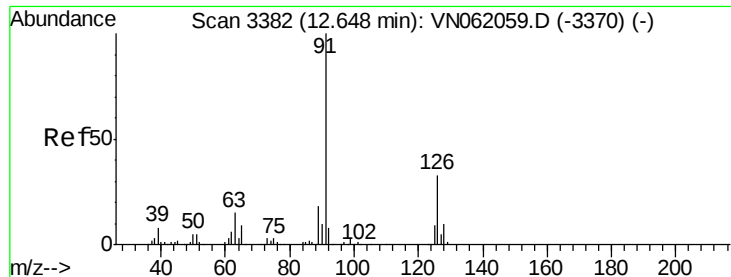
Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion	91	Resp	277448
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.4	34.1





#79

2-Chlorotoluene

Concen: 16.554 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

Tot Ion: 91 Resp: 167716

Ion Ratio Lower Upper

91 100

126 34.4

16.9

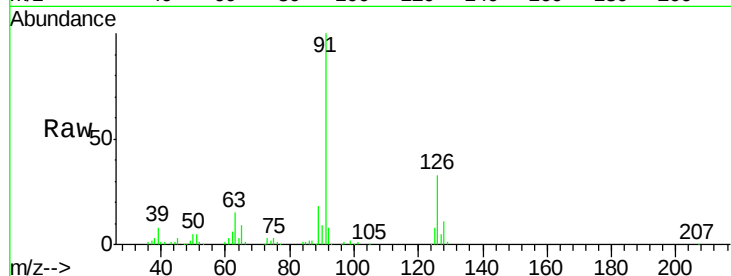
50.7

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Abundance Ion 91.00 (90.70 to 91.70): VN062104.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062104.D (-3382) (-)

200000

150000

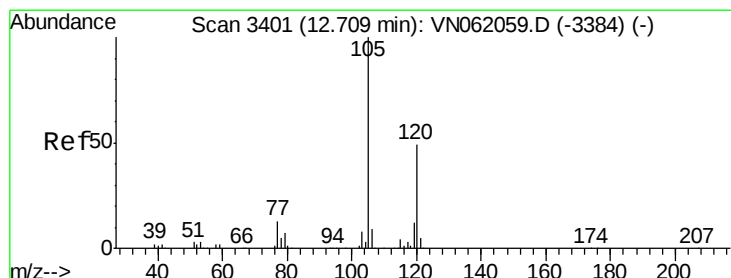
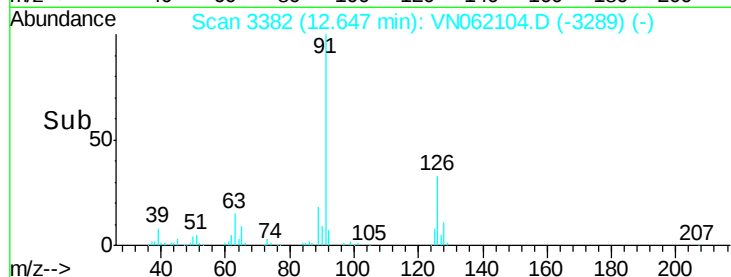
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 16.915 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:105 Resp: 200896

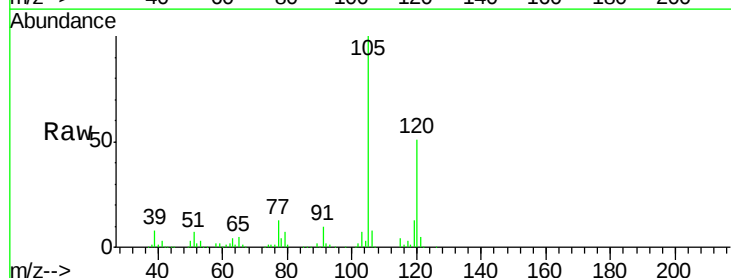
Ion Ratio Lower Upper

105 100

120 49.5

24.6

74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062104.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062104.D (-3384) (-)

150000

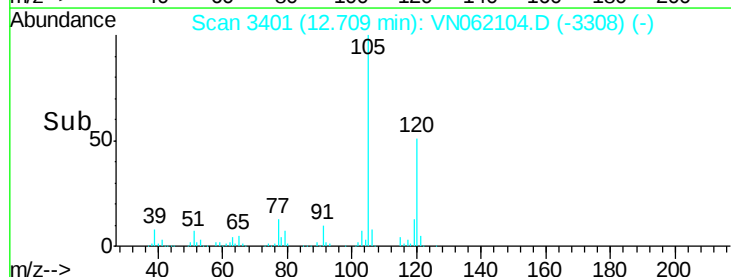
100000

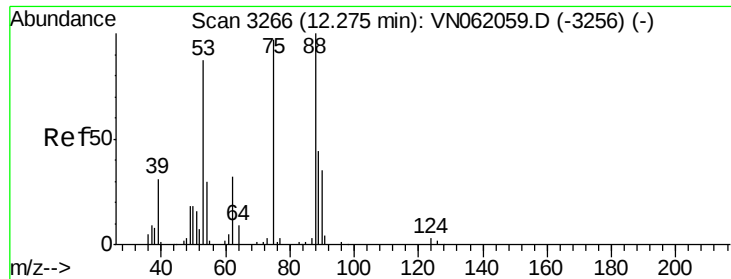
50000

0

12.65 12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.570 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

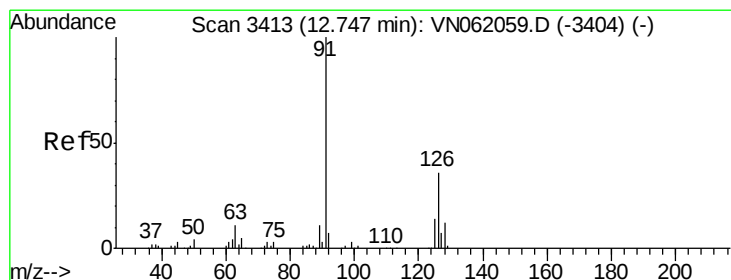
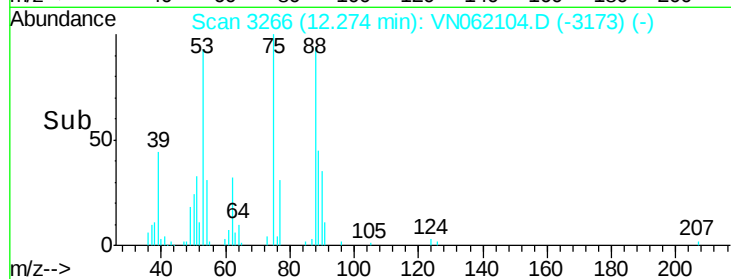
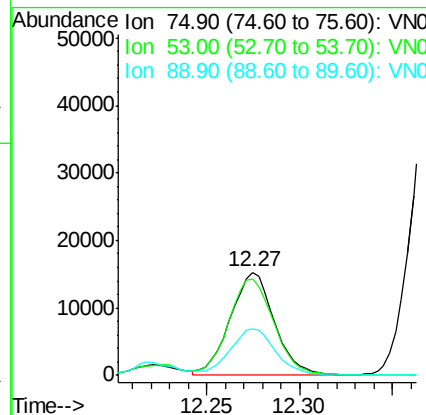
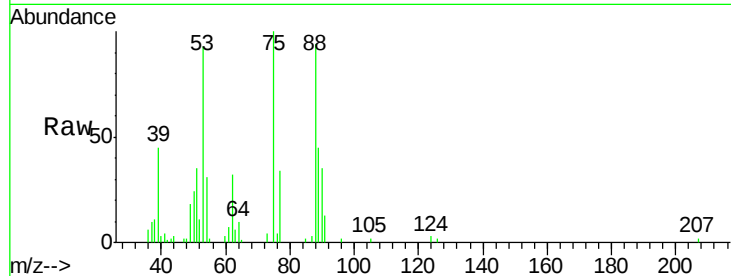
ClientSampleId :

VN0625MBS01

Tot Ion:	75	Resp:	25280
Ion	Ratio	Lower	Upper
75	100		
53	96.3	72.0	108.0
89	46.7	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 16.605 ug/l

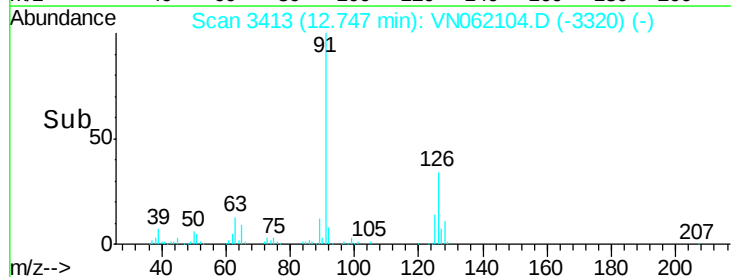
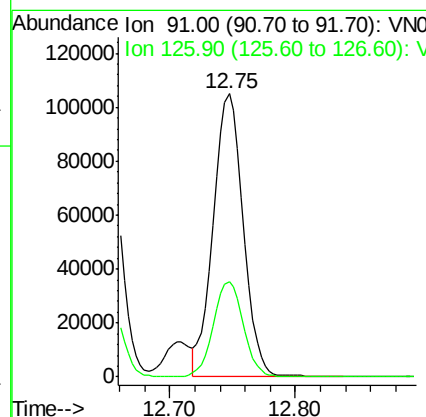
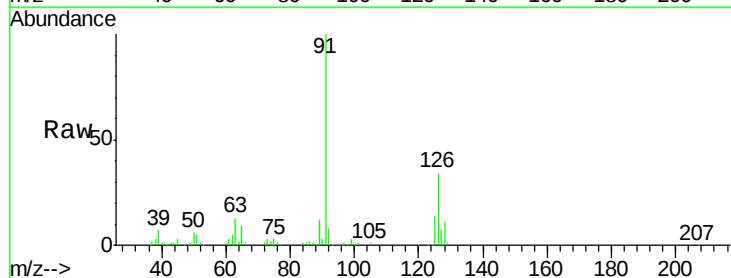
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	91	Resp:	173970
Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.7	50.1





#83

tert-Butylbenzene

Concen: 16.030 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

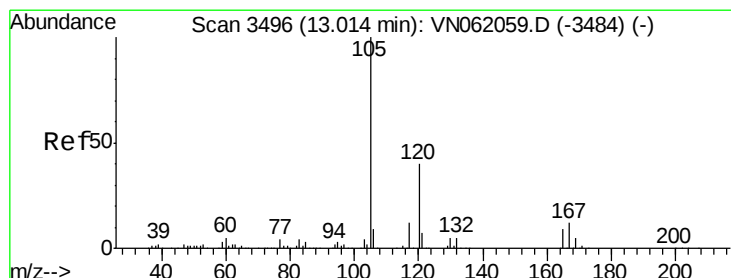
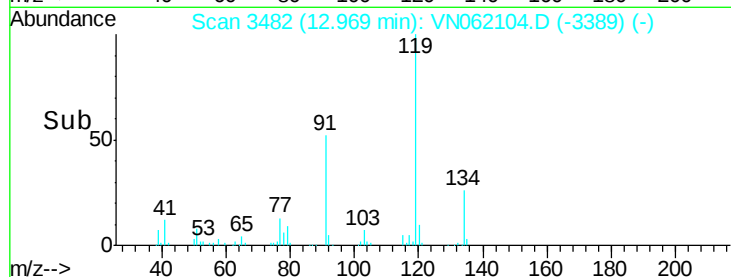
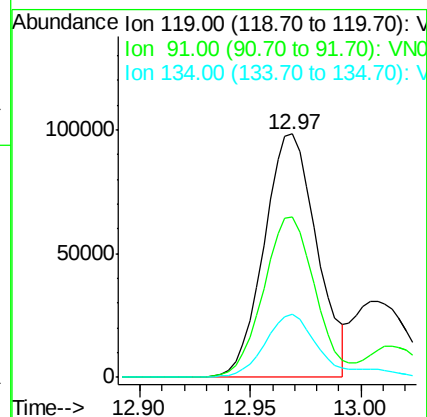
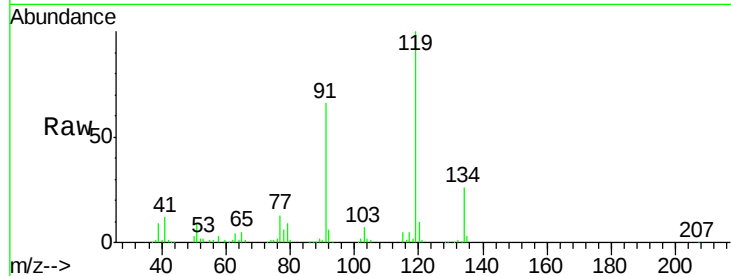
ClientSampleId :

VN0625MBS01

Tot Ion:	119	Resp:	162936
Ion Ratio	Lower	Upper	
119	100		
91	64.6	31.7	95.1
134	25.3	13.1	39.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 17.300 ug/l

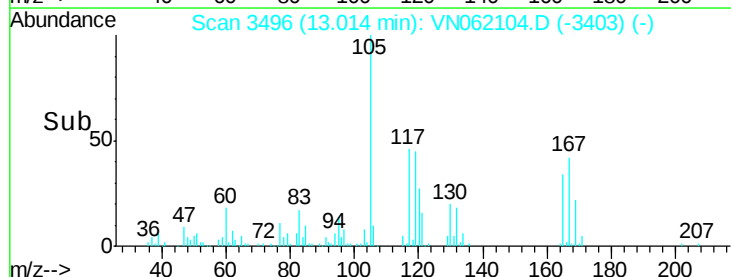
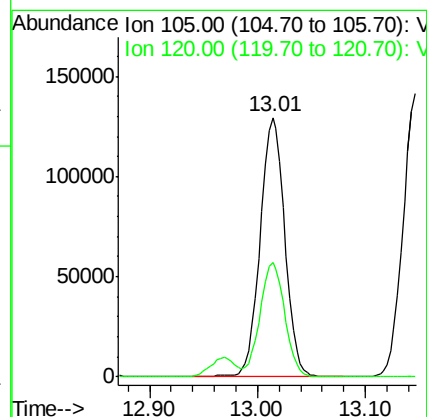
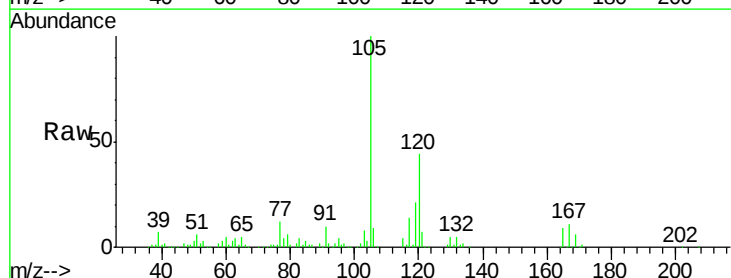
RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	105	Resp:	205208
Ion Ratio	Lower	Upper	
105	100		
120	44.3	23.2	69.5





#85

sec-Butylbenzene

Concen: 16.503 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0625MBS01

Tot Ion:105 Resp: 221645

Ion Ratio Lower Upper

105 100

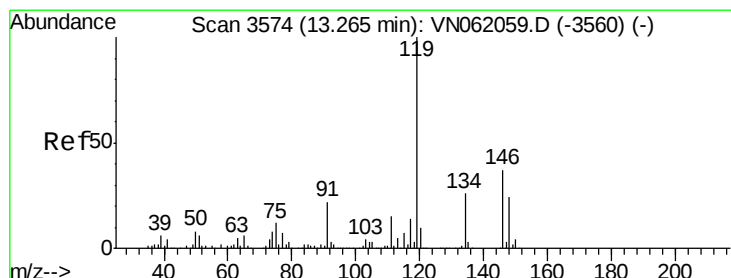
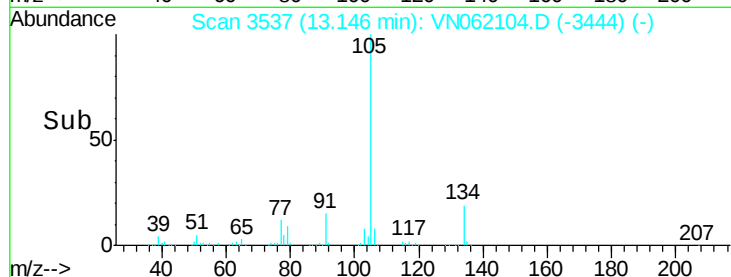
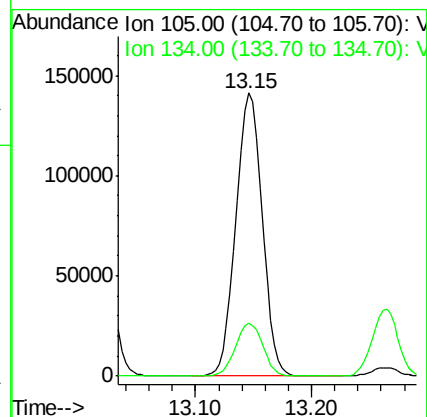
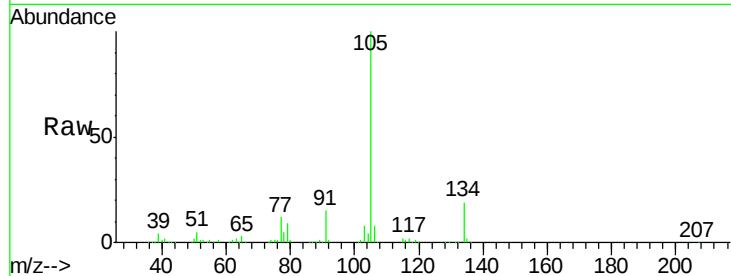
134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 16.693 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

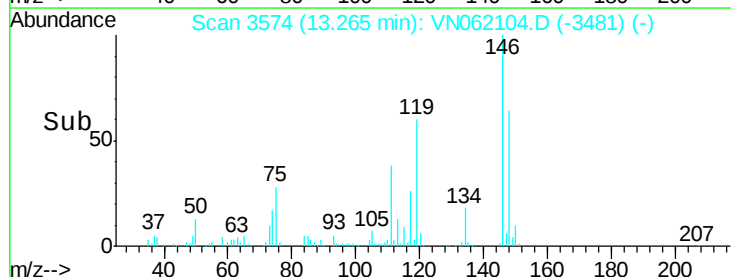
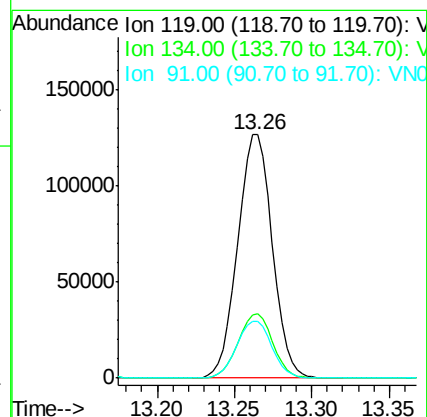
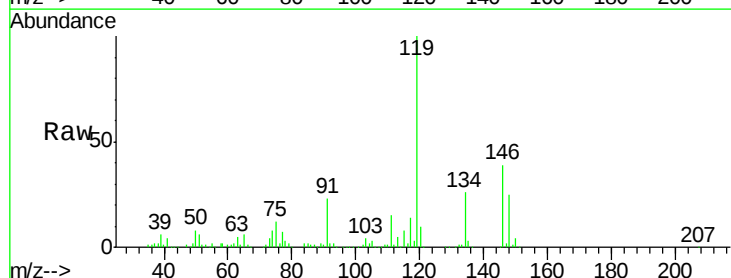
Tgt Ion:119 Resp: 196431

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 24.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 16.703 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

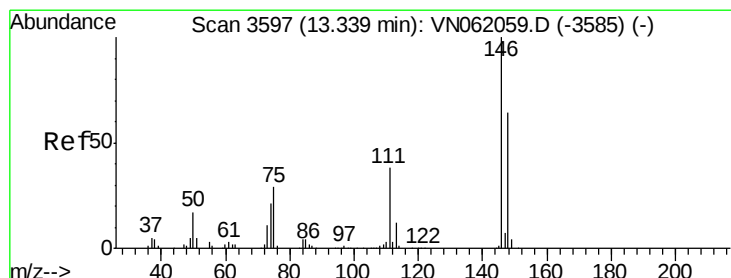
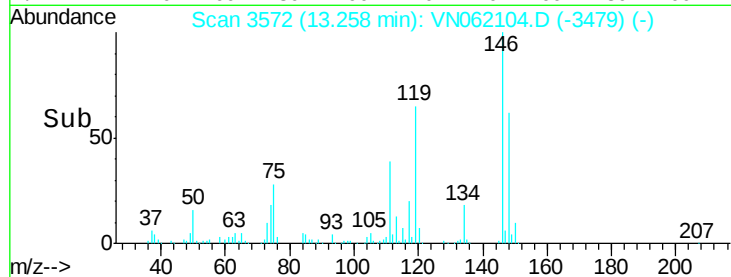
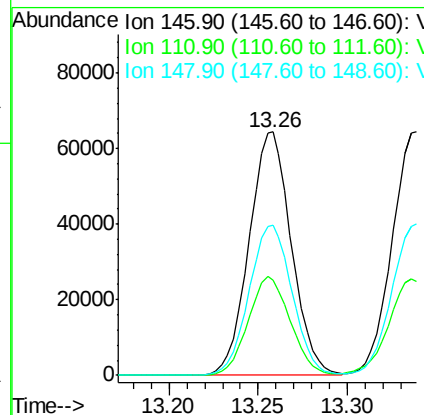
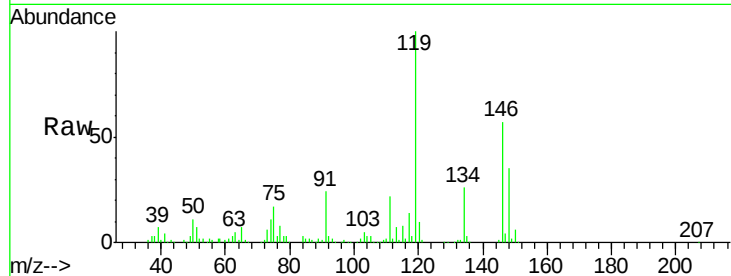
ClientSampleId :

VN0625MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	61.0
148	63.0	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 16.276 ug/l

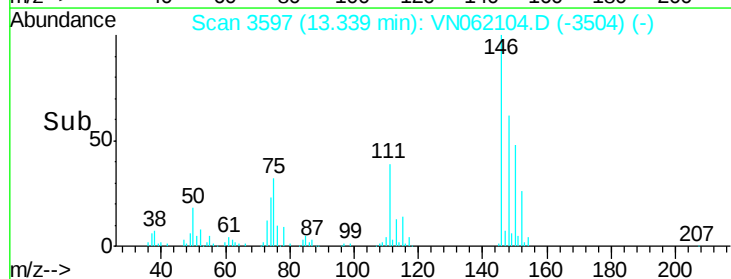
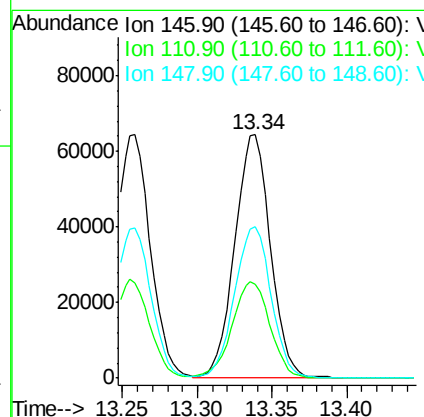
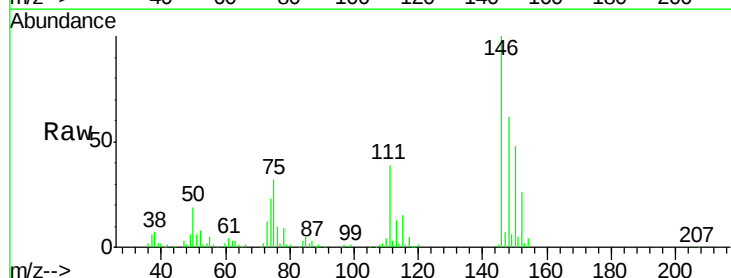
RT: 13.34 min Scan# 3597

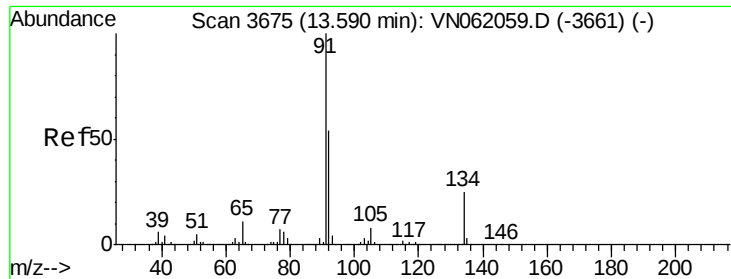
Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	19.9	59.6
148	63.3	31.9	95.9





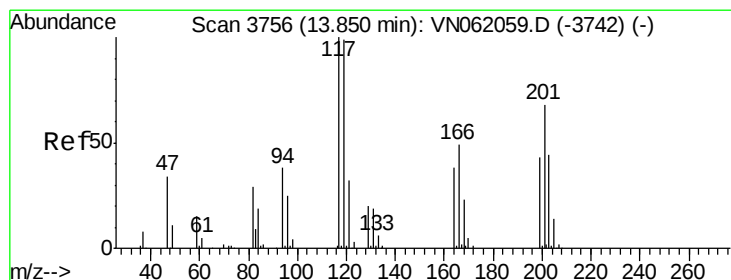
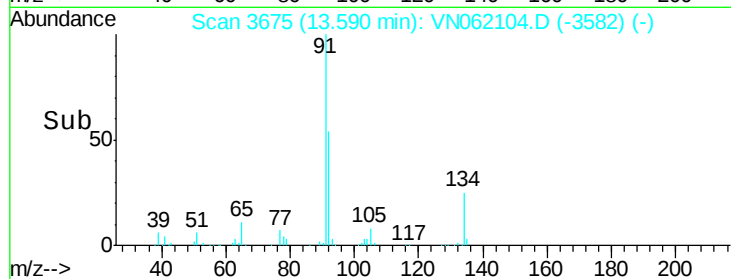
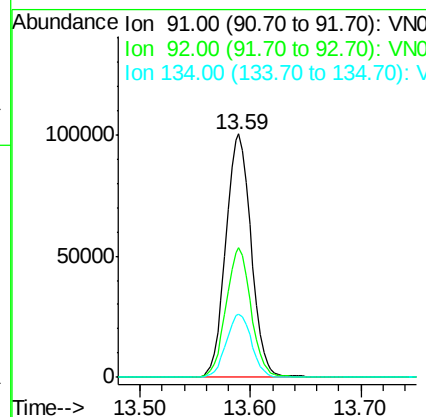
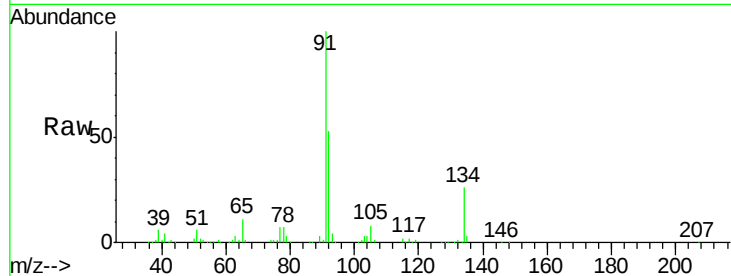
#89
n-Butylbenzene
Concen: 16.411 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.6	79.7
134	25.9	12.3	36.9

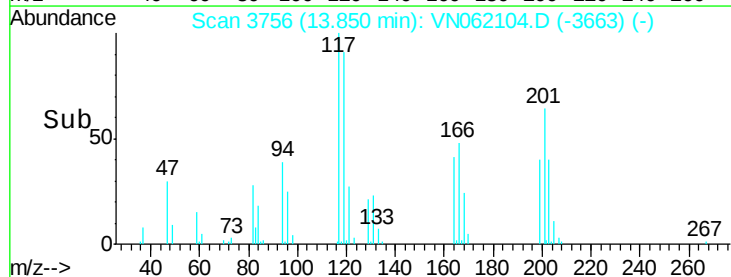
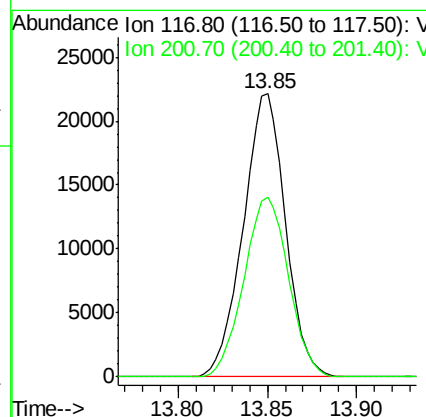
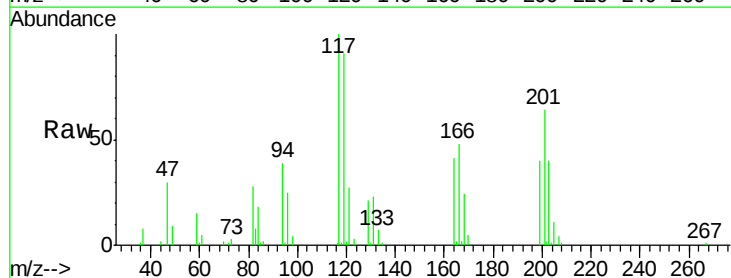
Manual Integrations
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#90
Hexachloroethane
Concen: 15.783 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.1	32.7	98.1





#91

1,2-Dichlorobenzene

Concen: 17.357 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

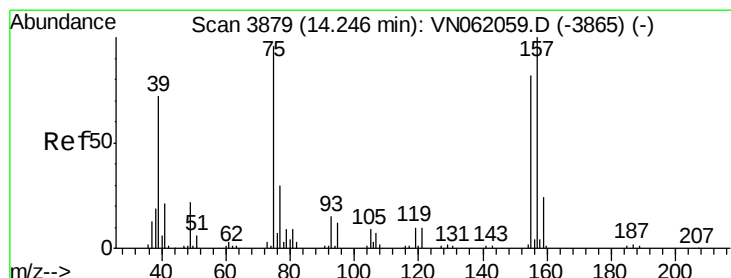
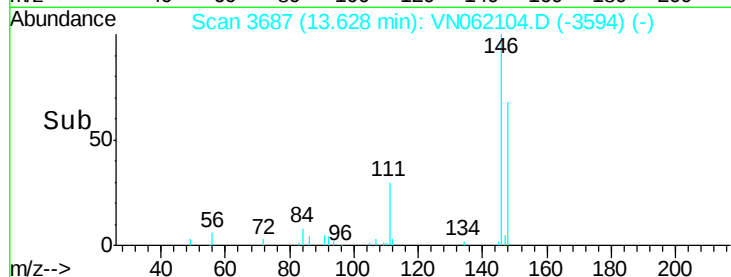
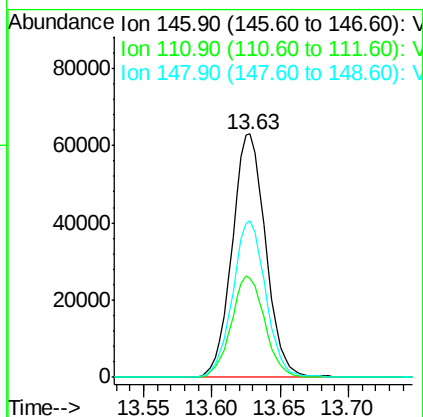
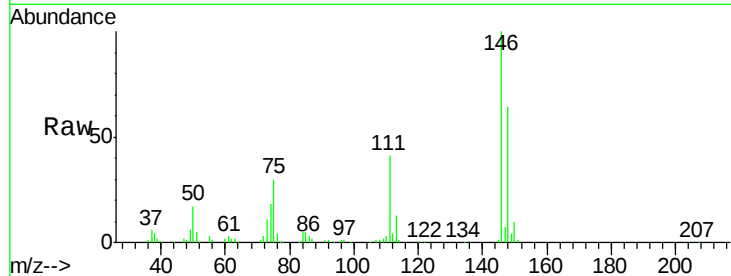
ClientSampleId :

VN0625MBS01

Tot Ion:	146	Resp:	107505
Ion Ratio	Lower	Upper	
146	100		
111	41.3	21.2	63.6
148	63.3	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.221 ug/l

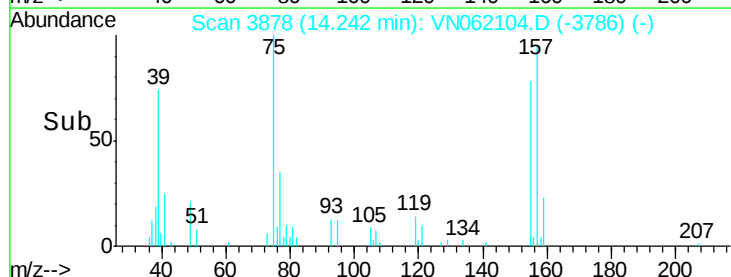
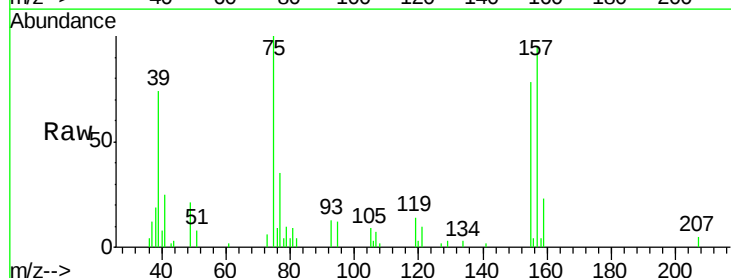
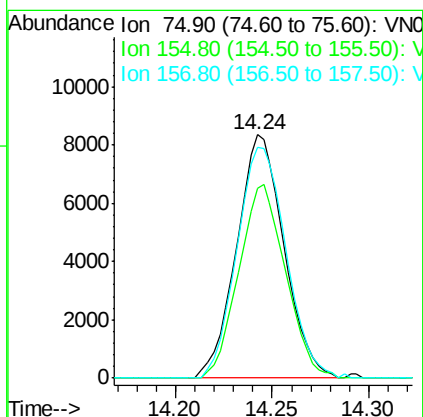
RT: 14.24 min Scan# 3878

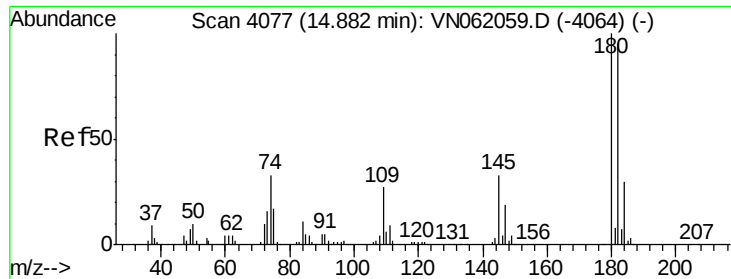
Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	75	Resp:	14231
Ion Ratio	Lower	Upper	
75	100		
155	78.3	40.8	122.4
157	98.3	51.4	154.3





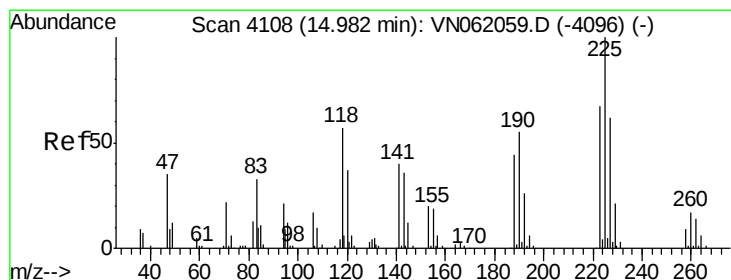
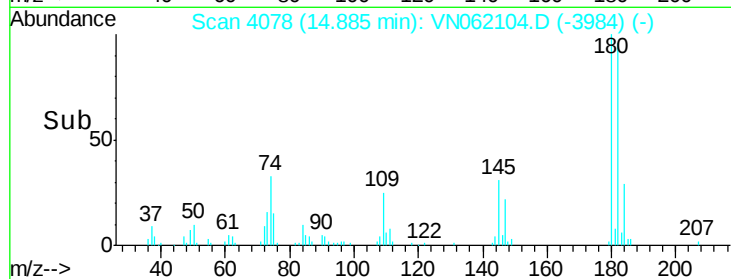
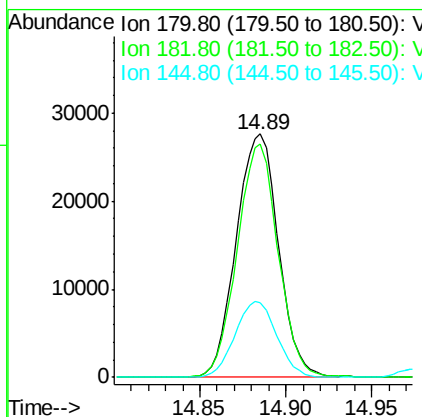
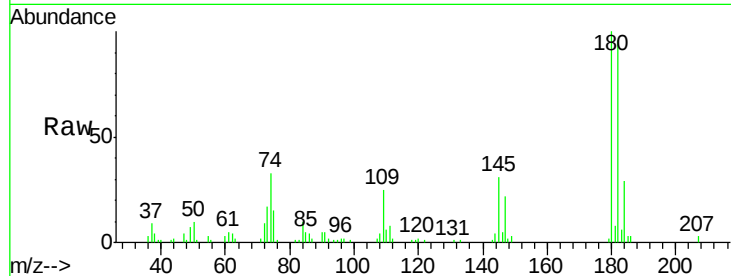
#93
 1,2,4-Trichlorobenzene
 Concen: 17.391 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.0	144.2
145	30.8	16.0	48.0

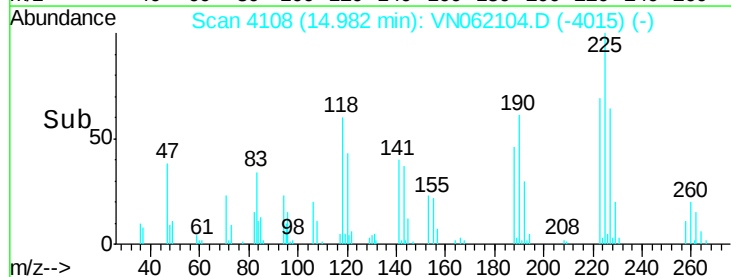
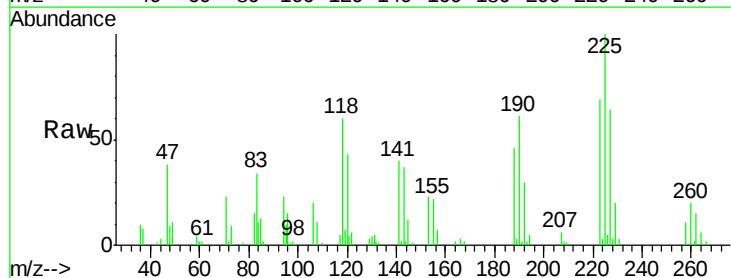
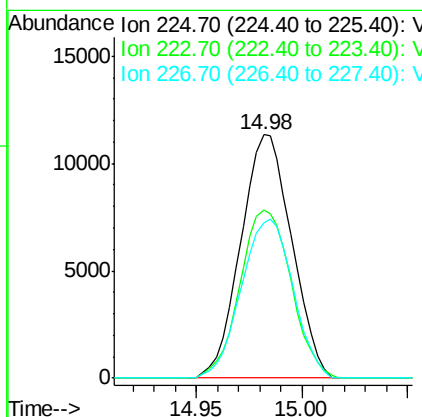
Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:00:58 PM



#94
 Hexachlorobutadiene
 Concen: 16.204 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.6	32.9	98.7
227	66.3	31.3	93.8





#95

Naphthalene

Concen: 17.777 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

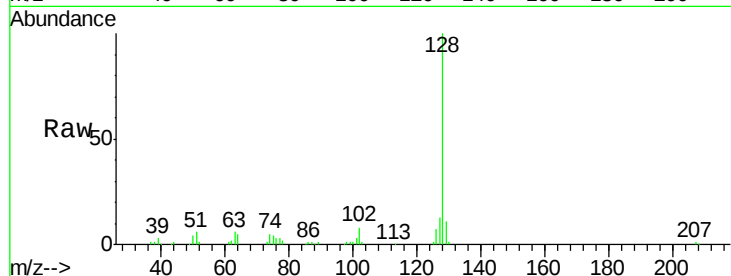
ClientSampleId :

VN0625MBS01

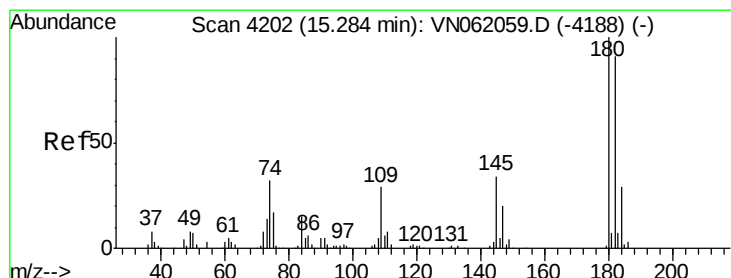
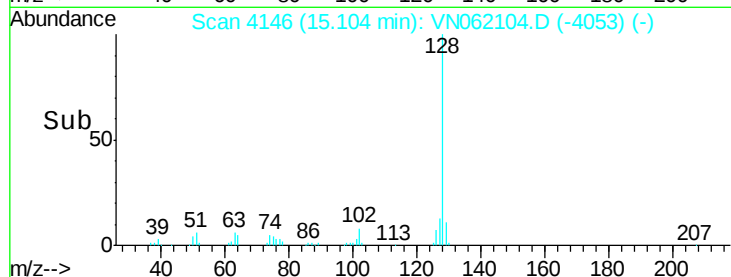
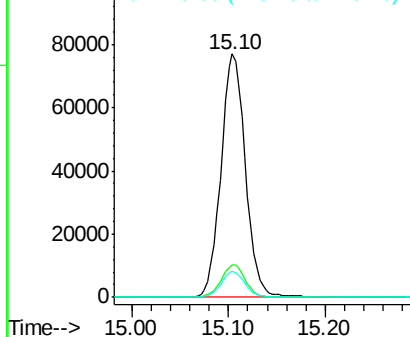
Tot Ion:	128	Resp:	135136
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/26/2020 7:00:58 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.614 ug/l

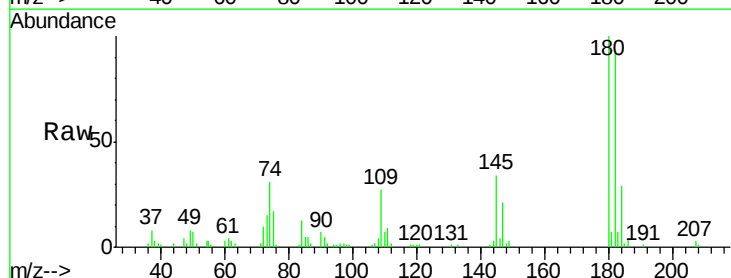
RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion:	180	Resp:	48731
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.8	140.4
145	34.0	16.4	49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

