

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063450.D
 Acq On : 18 Sep 2020 12:09
 Operator : JC/MD
 Sample : VN0918WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:49:41 AM

Quant Time: Sep 21 01:48:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	290117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	499467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214385	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	222794	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	7.55	113	157078	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
50) Toluene-d8	10.06	98	608920	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	12.38	95	226809	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	60125	18.293	ug/l	96
3) Chloromethane	2.04	50	72252	16.617	ug/l	99
4) Vinyl Chloride	2.16	62	70573	18.320	ug/l	98
5) Bromomethane	2.54	94	45362	19.832	ug/l	96
6) Chloroethane	2.67	64	42361	17.914	ug/l	93
7) Trichlorofluoromethane	2.99	101	107768	18.750	ug/l	100
8) Diethyl Ether	3.37	74	40488	18.070	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59700	18.470	ug/l	99
10) Methyl Iodide	3.91	142	75101	17.846	ug/l	99
11) Tert butyl alcohol	4.72	59	56263	82.236	ug/l	100
12) 1,1-Dichloroethene	3.70	96	59808	18.268	ug/l	97
13) Acrolein	3.57	56	25305	99.806	ug/l	97
14) Allyl chloride	4.28	41	112892	17.432	ug/l	99
15) Acrylonitrile	4.93	53	151159	86.859	ug/l	99
16) Acetone	3.77	43	131020	82.549	ug/l	98
17) Carbon Disulfide	4.01	76	161391	16.947	ug/l	98
18) Methyl Acetate	4.28	43	71737	17.804	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	213820	17.523	ug/l	99
20) Methylene Chloride	4.50	84	71726	17.837	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	63673	17.554	ug/l	95
22) Diisopropyl ether	5.90	45	232818	17.628	ug/l	95
23) Vinyl Acetate	5.84	43	959160	88.427	ug/l	99
24) 1,1-Dichloroethane	5.79	63	126992	17.612	ug/l	99
25) 2-Butanone	6.78	43	205769	84.296	ug/l	96
26) 2,2-Dichloropropane	6.78	77	110523	17.409	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	74420	18.126	ug/l	99
28) Bromochloromethane	7.15	49	62058	18.639	ug/l	99
29) Tetrahydrofuran	7.16	42	138800	83.255	ug/l	99
30) Chloroform	7.33	83	128139	17.712	ug/l	97
31) Cyclohexane	7.61	56	117131	17.173	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	115365	17.929	ug/l	99
36) 1,1-Dichloropropene	7.75	75	97866	18.392	ug/l	98
37) Ethyl Acetate	6.88	43	88626	16.970	ug/l	98
38) Carbon Tetrachloride	7.73	117	98060	18.053	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	103519	17.925	ug/l	97
40) Benzene	8.00	78	280725	18.481	ug/l	99
41) Methacrylonitrile	7.14	41	48989m	20.856	ug/l	
42) 1,2-Dichloroethane	8.08	62	113190	18.530	ug/l	99
43) Isopropyl Acetate	8.13	43	159828	17.115	ug/l	100
44) Trichloroethene	8.80	130	69156	18.771	ug/l	97
45) 1,2-Dichloropropane	9.08	63	75308	18.203	ug/l	98
46) Dibromomethane	9.17	93	50182	18.455	ug/l	99
47) Bromodichloromethane	9.37	83	101525	17.973	ug/l	95
48) Methyl methacrylate	9.16	41	74748	16.292	ug/l	94
49) 1,4-Dioxane	9.17	88	22648	343.986	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	464779	88.904	ug/l	100
52) Toluene	10.12	92	172103	18.845	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	113707	18.031	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	120901	18.175	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	66776	18.408	ug/l	98
56) Ethyl methacrylate	10.40	69	100095	17.675	ug/l	99
57) 1,3-Dichloropropane	10.68	76	118533	18.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	256735	86.422	ug/l	97
59) 2-Hexanone	10.72	43	332771	87.861	ug/l	99
60) Dibromochloromethane	10.87	129	74293	18.128	ug/l	96
61) 1,2-Dibromoethane	10.98	107	68075	18.063	ug/l	98
64) Tetrachloroethene	10.60	164	61629	19.706	ug/l	99
65) Chlorobenzene	11.41	112	179041	18.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	66222	18.530	ug/l	100
67) Ethyl Benzene	11.48	91	339487	18.490	ug/l	99
68) m/p-Xylenes	11.60	106	251296	37.961	ug/l	96
69) o-Xylene	11.92	106	119290	18.917	ug/l	99
70) Styrene	11.94	104	199853	18.899	ug/l	99
71) Bromoform	12.10	173	46575	17.494	ug/l #	100
73) Isopropylbenzene	12.22	105	325010	18.918	ug/l	99
74) N-amyl acetate	12.05	43	139227	17.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	95477	17.949	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	91435m	17.231	ug/l	
77) Bromobenzene	12.50	156	73100	18.916	ug/l	97
78) n-propylbenzene	12.57	91	377613	18.872	ug/l	99
79) 2-Chlorotoluene	12.65	91	221841	18.495	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	274571	19.166	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	32598	16.842	ug/l	95
82) 4-Chlorotoluene	12.75	91	234814	18.528	ug/l	99
83) tert-Butylbenzene	12.97	119	221382	18.724	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	274382	18.962	ug/l	100
85) sec-Butylbenzene	13.15	105	295261	18.656	ug/l	99
86) p-Isopropyltoluene	13.26	119	268112	19.207	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	133718	18.669	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	135872	18.658	ug/l	98
89) n-Butylbenzene	13.59	91	243926	18.958	ug/l	98
90) Hexachloroethane	13.85	117	46607	17.534	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	131868	18.752	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21075	16.638	ug/l	97

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ClientSampleId :
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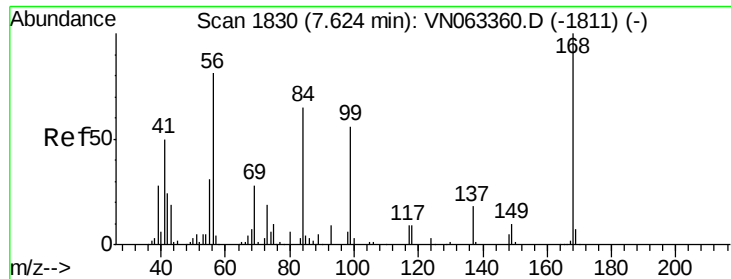
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	75662	18.251	ug/l	99
94) Hexachlorobutadiene	14.98	225	34339	20.008	ug/l	98
95) Naphthalene	15.10	128	238754	17.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	71160	17.765	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampled :

VN0918WBS01

Tot Ion:168 Resp: 290117

Ion Ratio Lower Upper

168 100

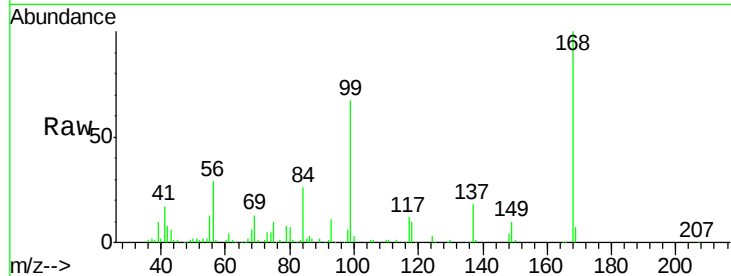
99 66.6 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

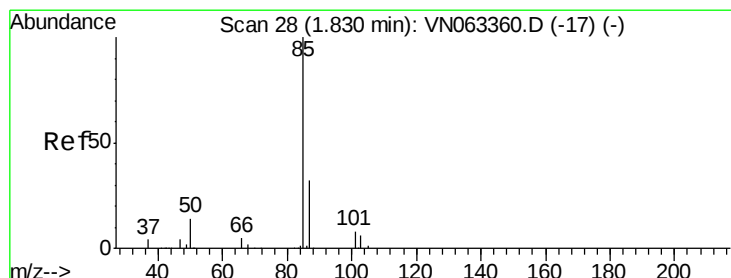
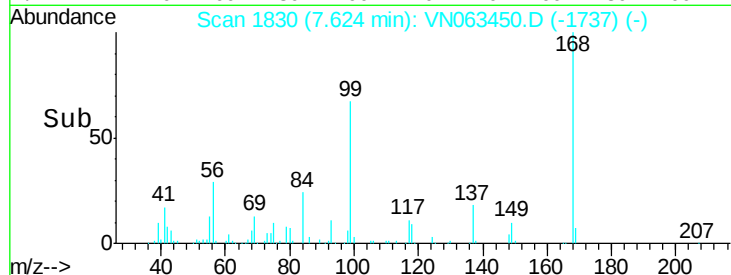
7.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.293 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063450.D

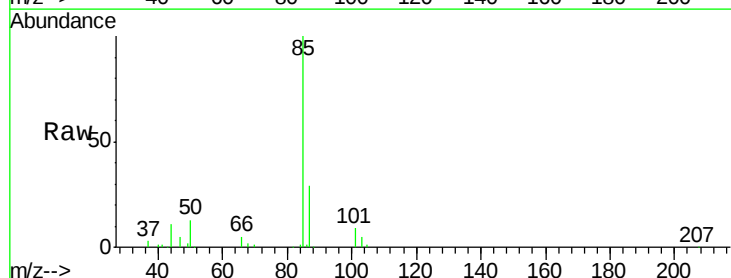
Acq: 18 Sep 2020 12:09

Tgt Ion: 85 Resp: 60125

Ion Ratio Lower Upper

85 100

87 29.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

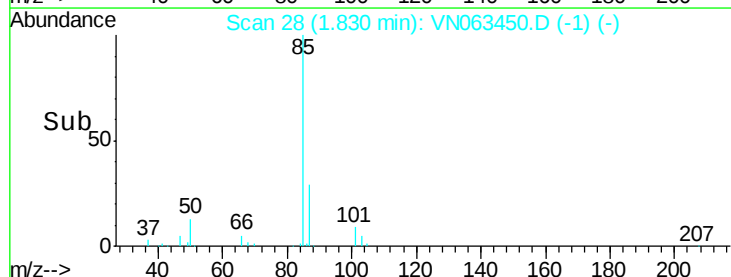
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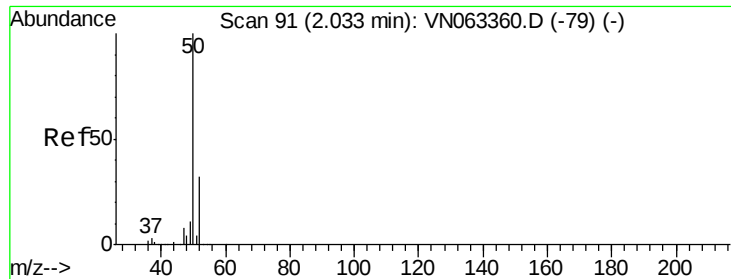
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.617 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tot Ion: 50 Resp: 72252

Ion Ratio Lower Upper

50 100

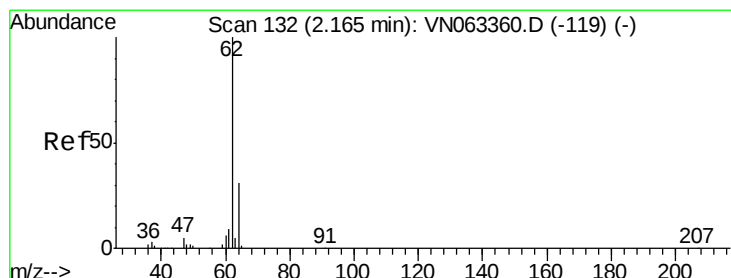
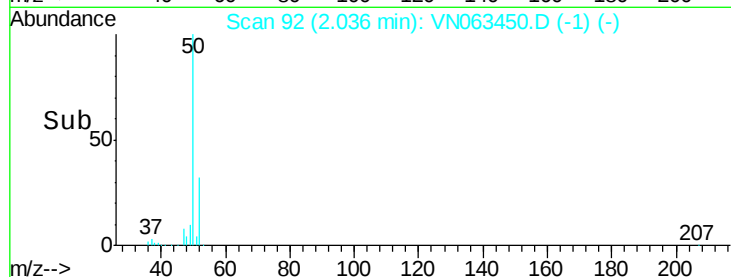
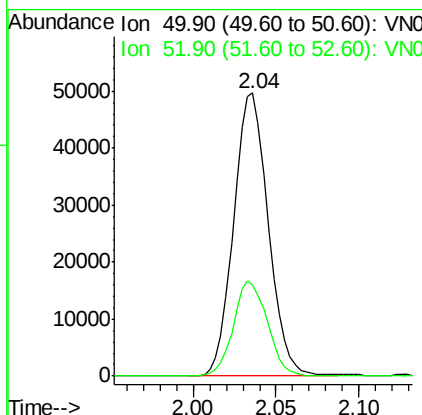
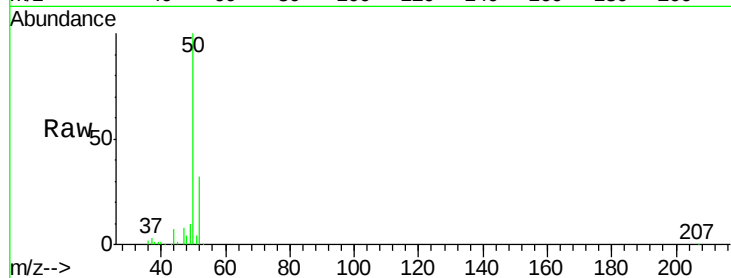
52 32.1 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.320 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063450.D

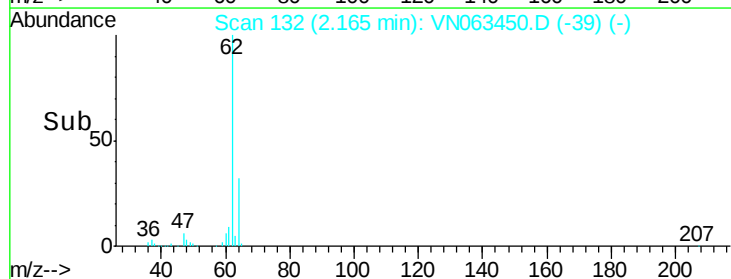
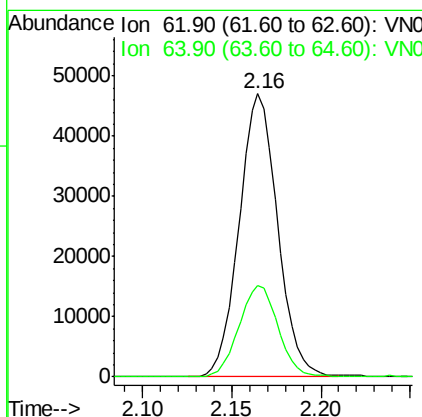
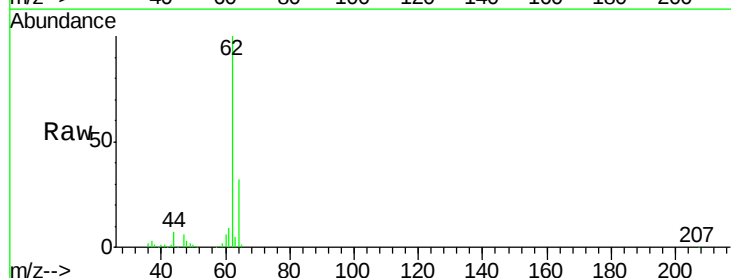
Acq: 18 Sep 2020 12:09

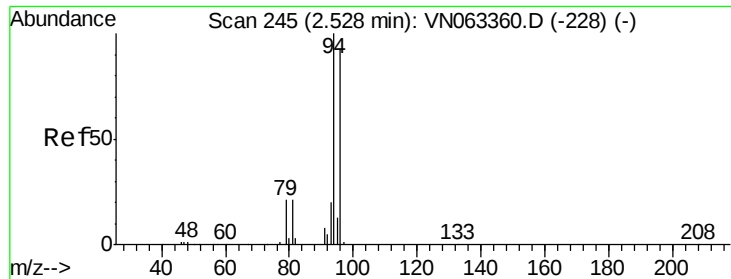
Tgt Ion: 62 Resp: 70573

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 19.832 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tot Ion: 94 Resp: 45362

Ion Ratio Lower Upper

94 100

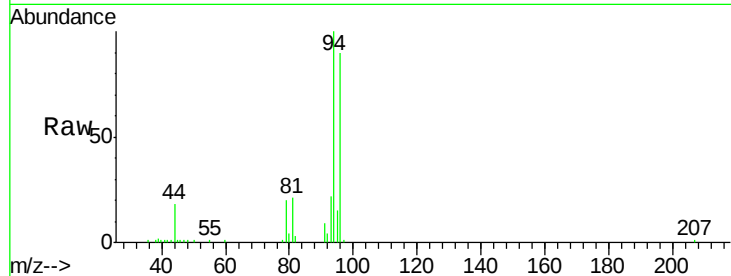
96 89.7 74.5 111.7

Manual Integrations

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9/21/2020 11:49:41 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

15000

10000

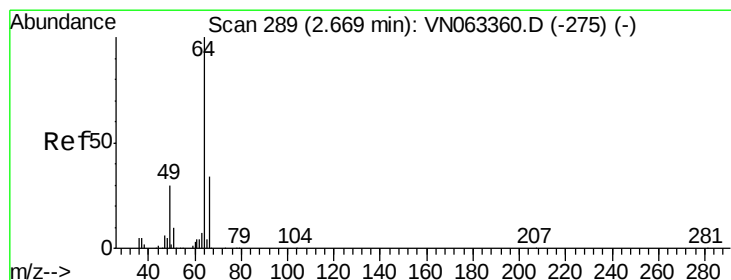
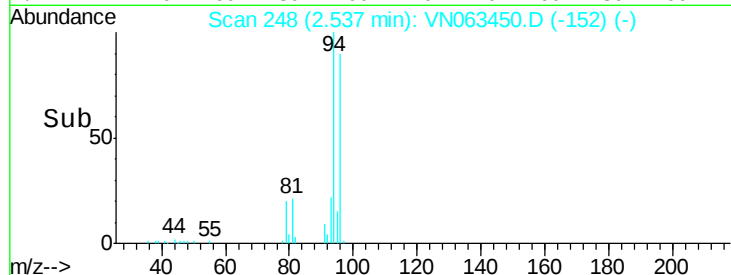
5000

0

Time-->

2.45 2.50 2.55 2.60

2.54



#6

Chloroethane

Concen: 17.914 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063450.D

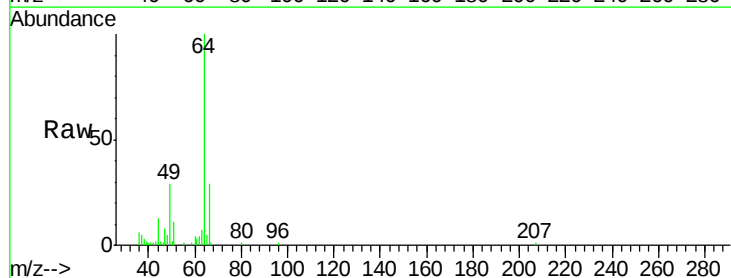
Acq: 18 Sep 2020 12:09

Tgt Ion: 64 Resp: 42361

Ion Ratio Lower Upper

64 100

66 29.5 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

25000

20000

15000

10000

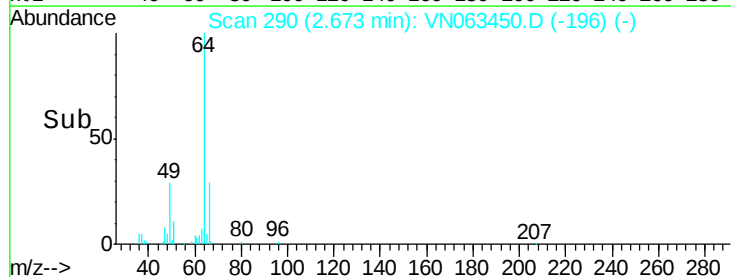
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0

Time-->

2.60 2.65 2.70 2.75 2.80

2.67





#7

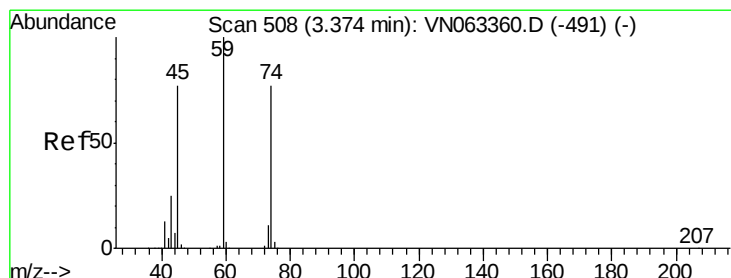
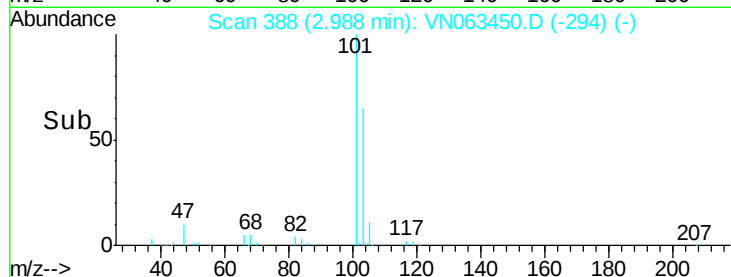
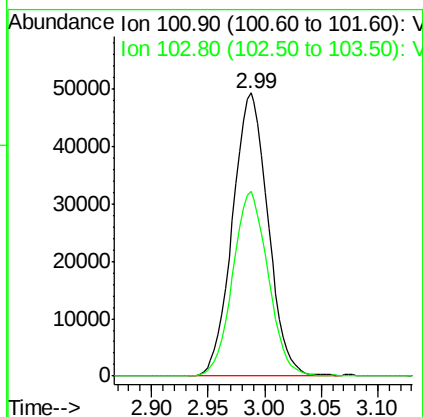
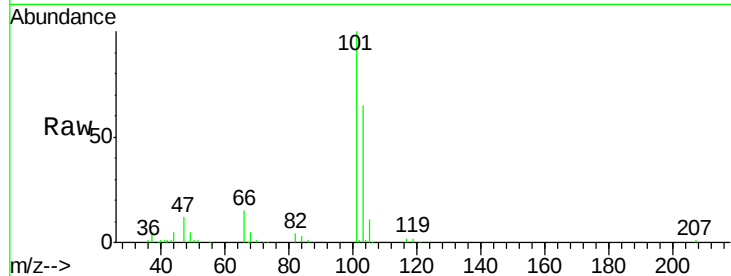
Trichlorofluoromethane
 Concen: 18.750 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
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 ClientSampleId :
 VN0918WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

Manual Integrations
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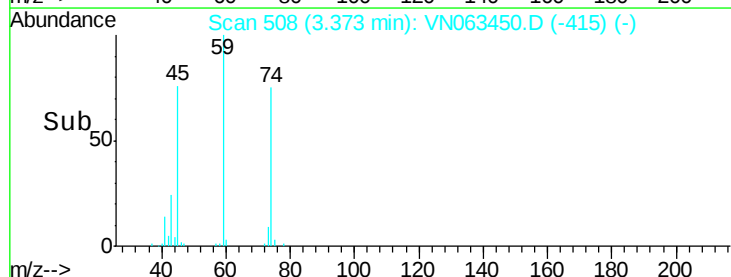
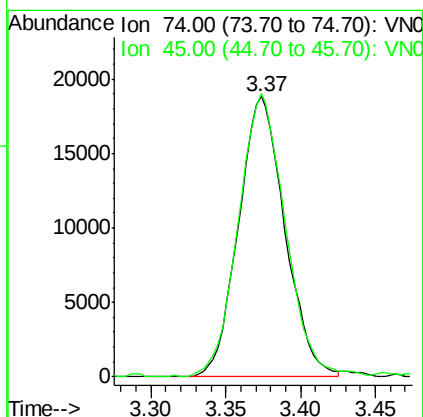
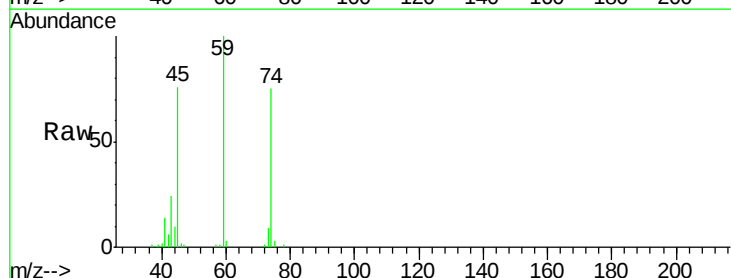
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 9/21/2020 11:49:41 AM

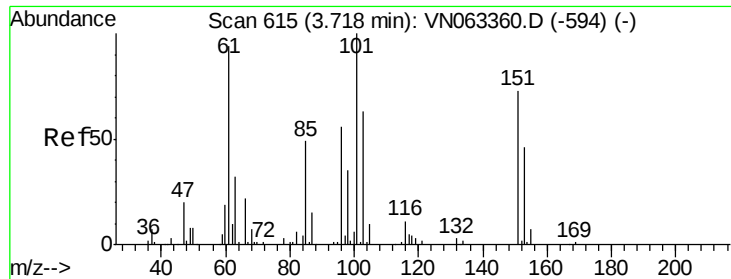


#8

Diethyl Ether
 Concen: 18.070 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.470 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

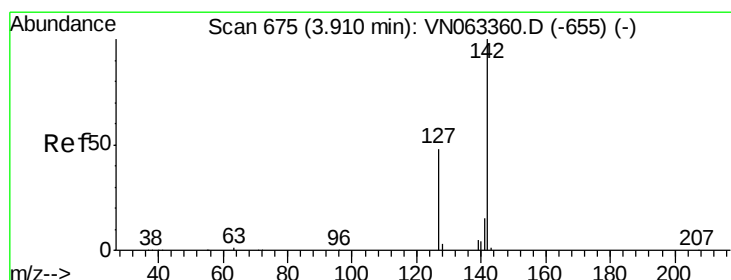
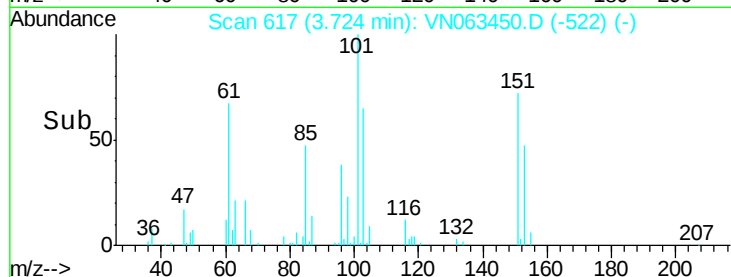
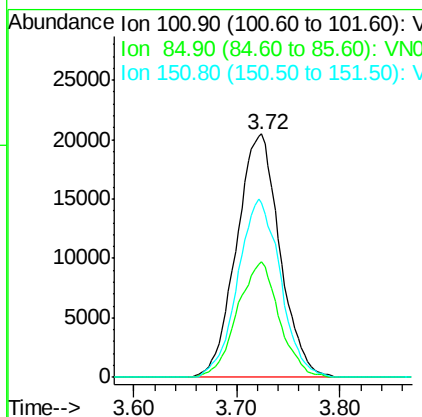
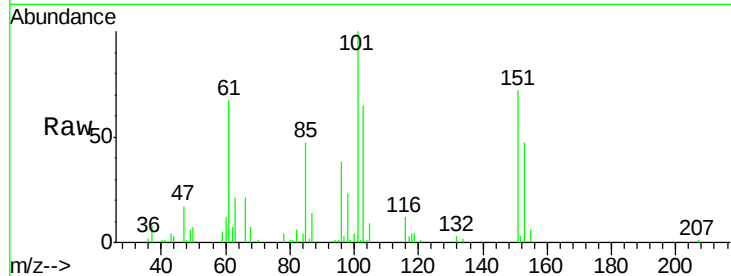
ClientSampled :

VN0918WBS01

Tot Ion:	101	Resp:	59700
Ion Ratio	Lower	Upper	
101	100		
85	46.0	37.7	56.5
151	72.2	57.7	86.5

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9/21/2020 11:49:41 AM



#10

Methyl Iodide

Concen: 17.846 ug/l

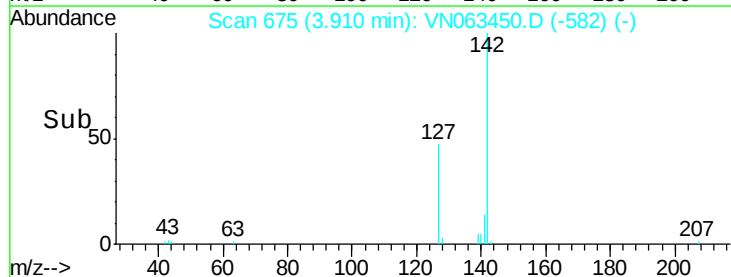
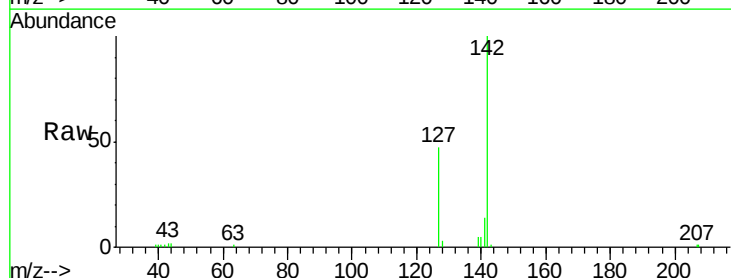
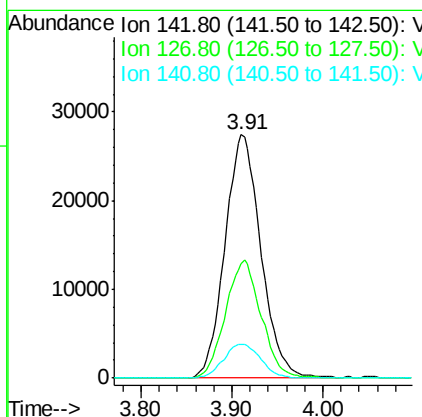
RT: 3.91 min Scan# 675

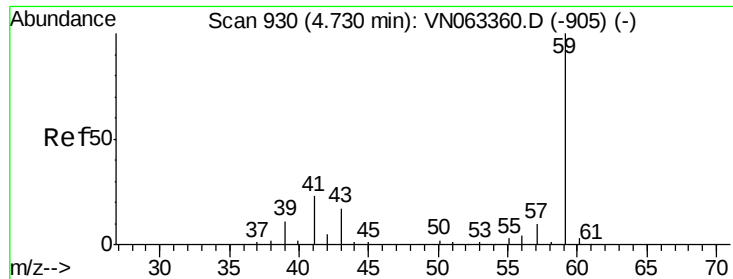
Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Tgt Ion:	142	Resp:	75101
Ion Ratio	Lower	Upper	
142	100		
127	48.0	39.0	58.6
141	14.5	11.6	17.4





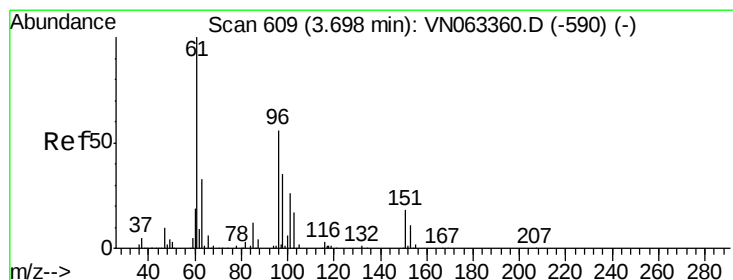
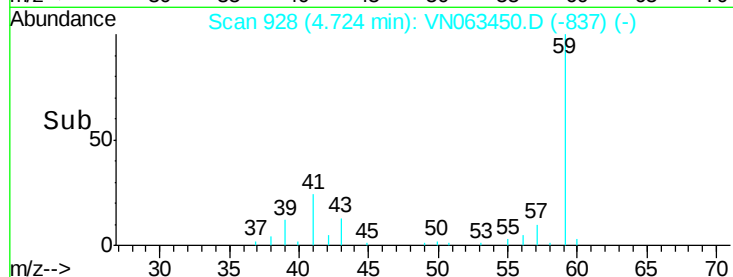
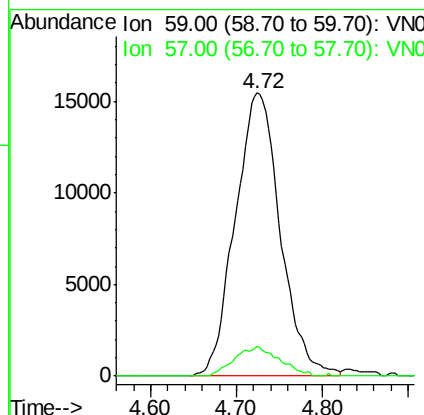
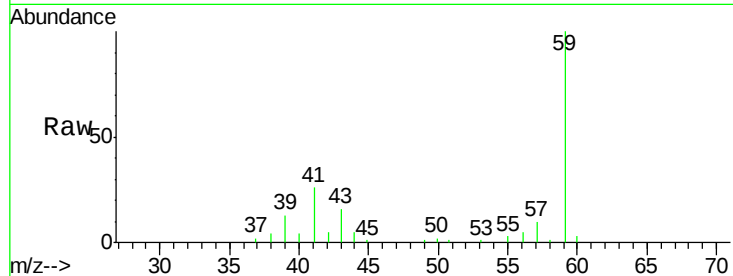
#11
Tert butyl alcohol
Concen: 82.236 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampled :
VN0918WBS01

Tot Ion: 59 Resp: 56263
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

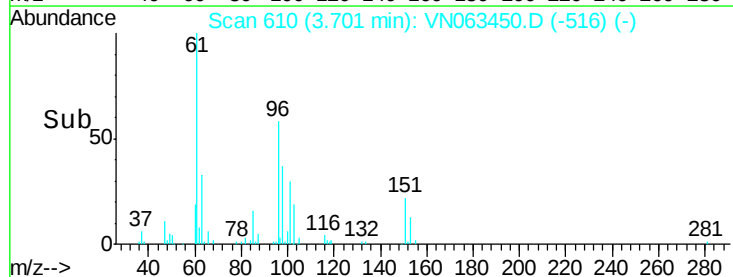
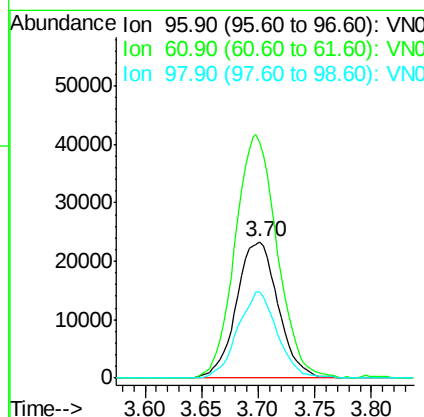
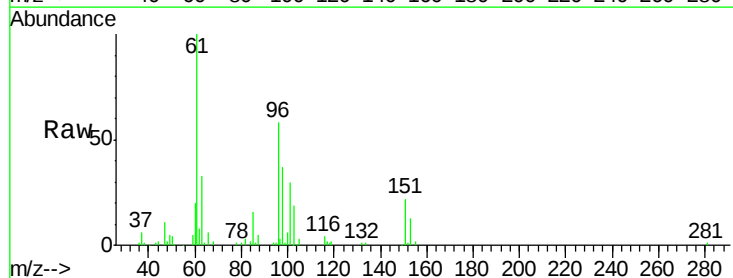
Manual Integrations
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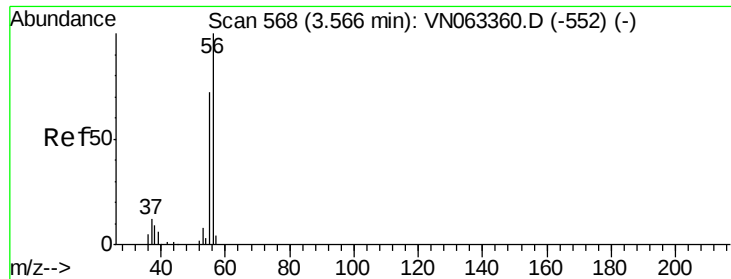
MMDadoda
9/21/2020 11:49:41 AM



#12
1,1-Dichloroethene
Concen: 18.268 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion: 96 Resp: 59808
Ion Ratio Lower Upper
96 100
61 173.3 143.4 215.2
98 63.6 50.6 76.0





#13

Acrolein

Concen: 99.806 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tot Ion: 56 Resp: 25305

Ion Ratio Lower Upper

56 100

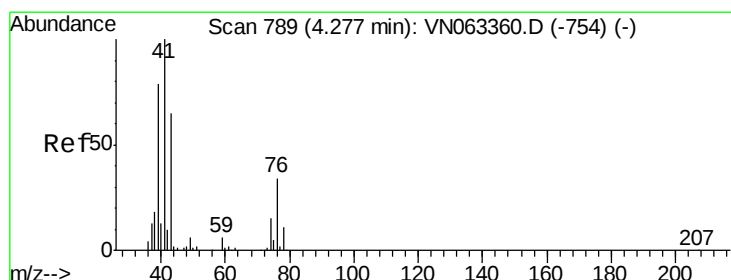
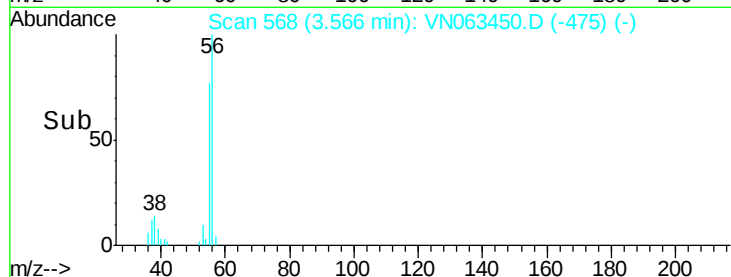
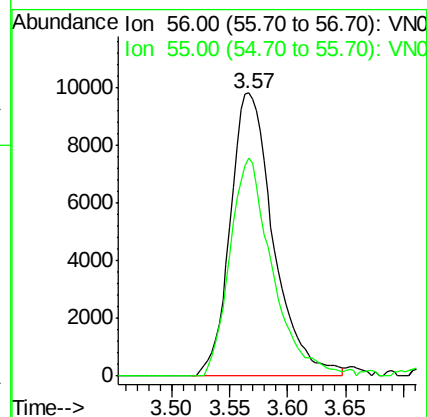
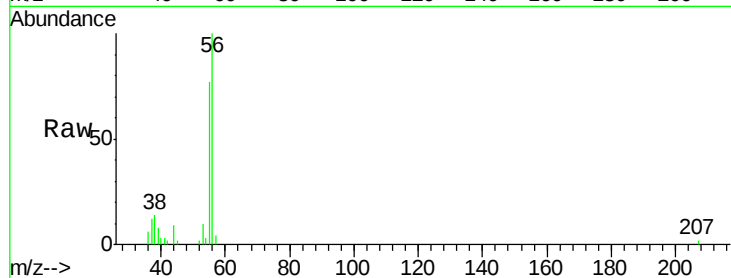
55 75.4 58.2 87.2

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#14

Allyl chloride

Concen: 17.432 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

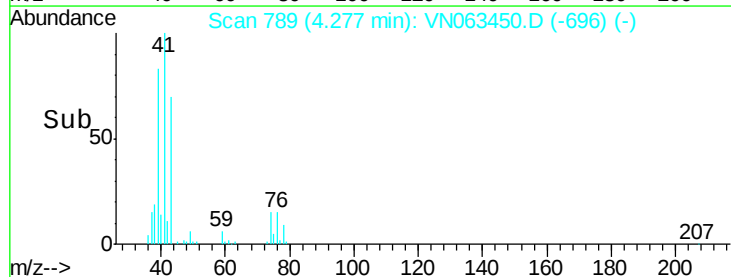
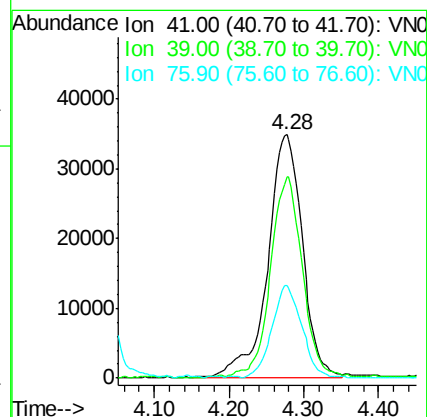
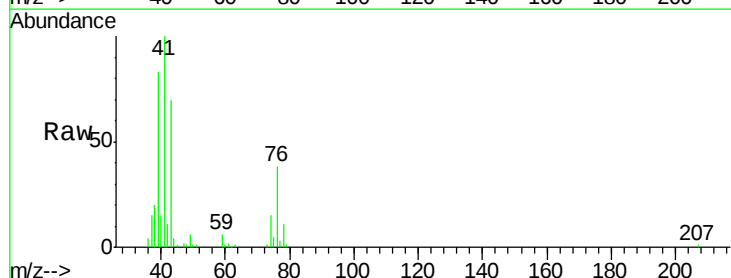
Tgt Ion: 41 Resp: 112892

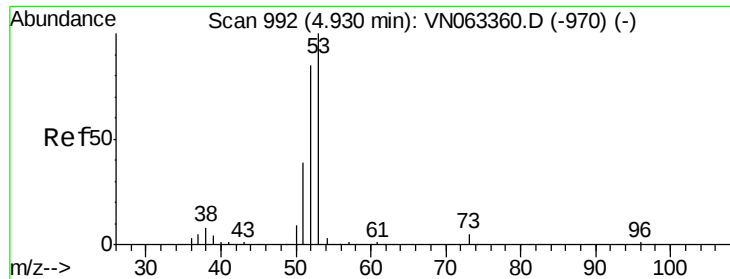
Ion Ratio Lower Upper

41 100

39 74.6 59.3 88.9

76 32.8 25.3 37.9





#15

Acrylonitrile

Concen: 86.859 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

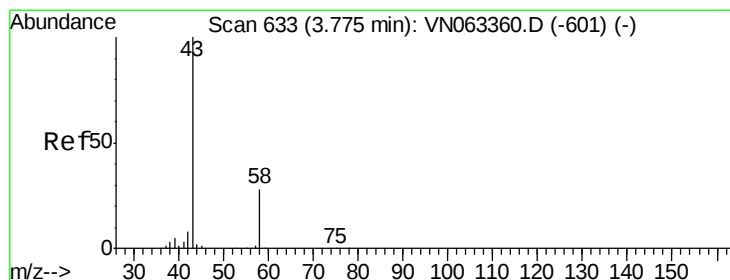
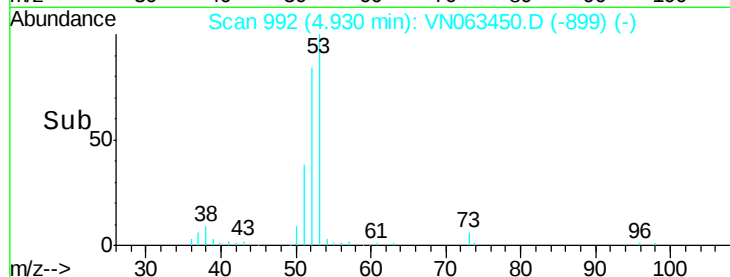
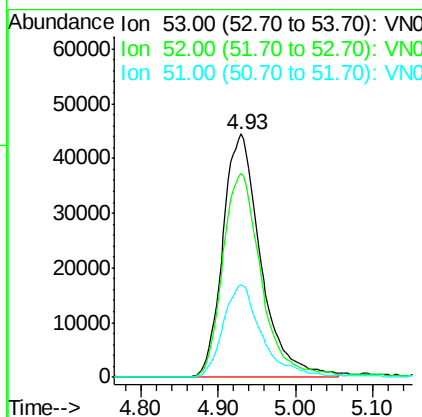
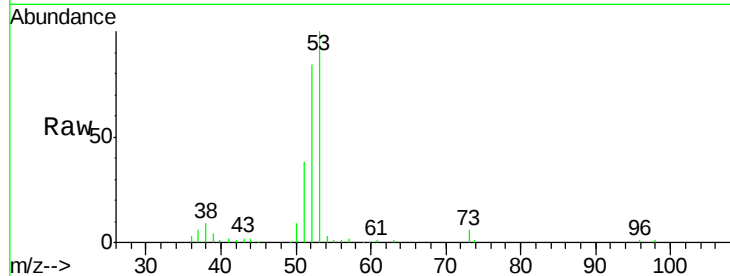
ClientSampleId :

VN0918WBS01

Tot Ion:	53	Resp:	151159
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.4	99.6
51	38.7	30.2	45.4

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#16

Acetone

Concen: 82.549 ug/l

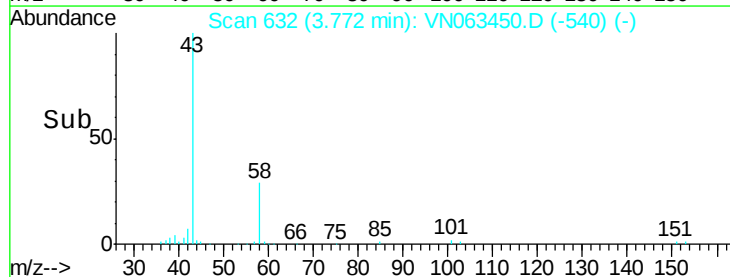
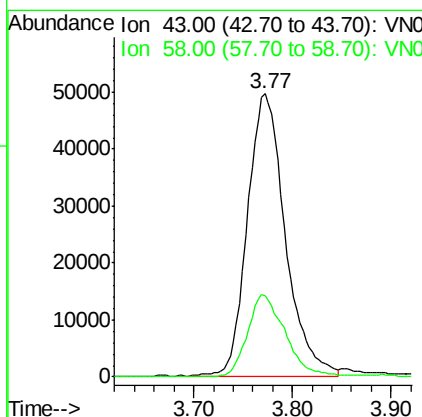
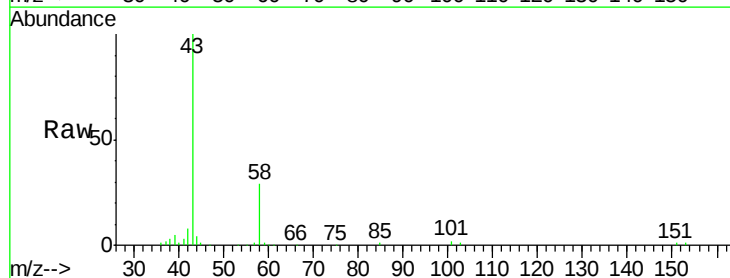
RT: 3.77 min Scan# 632

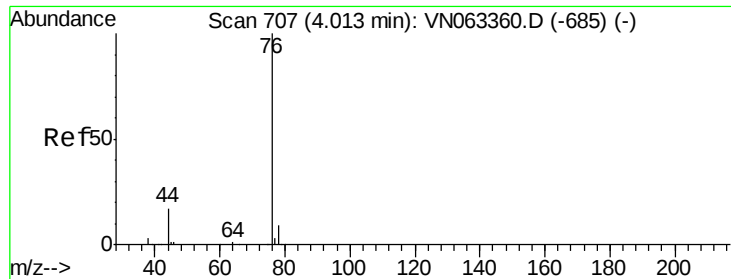
Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Tgt Ion:	43	Resp:	131020
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.3	33.5





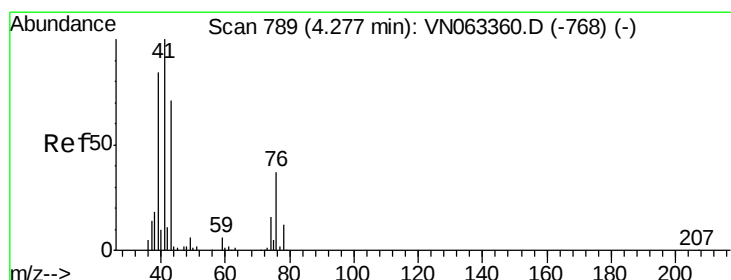
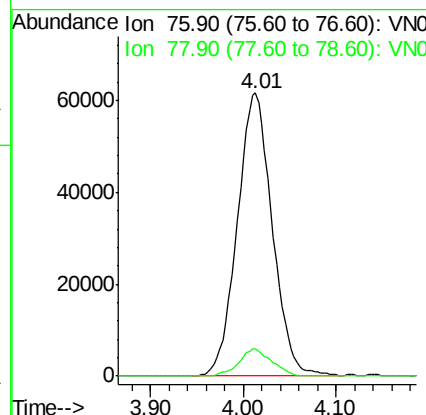
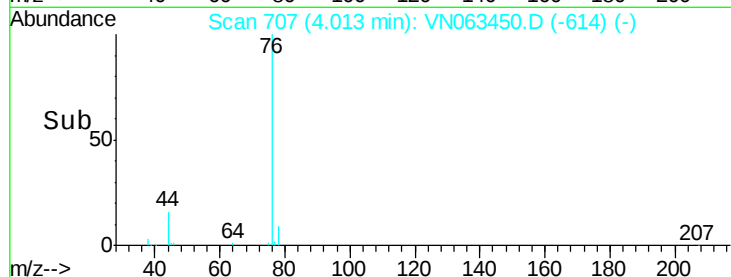
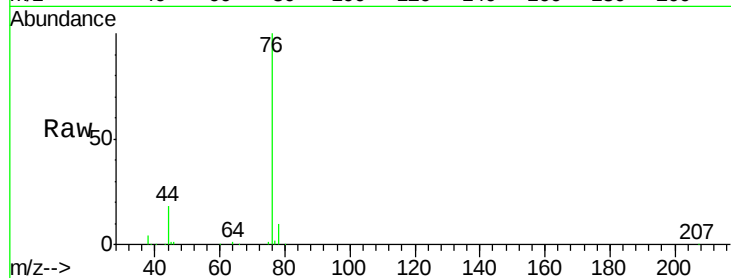
#17
Carbon Disulfide
Concen: 16.947 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

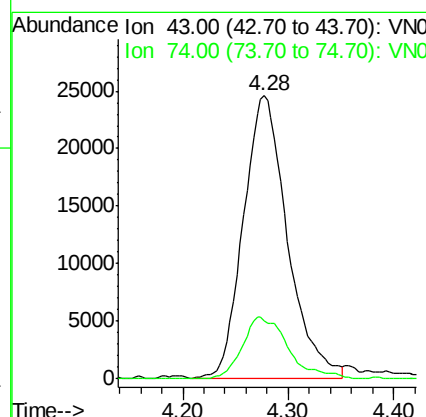
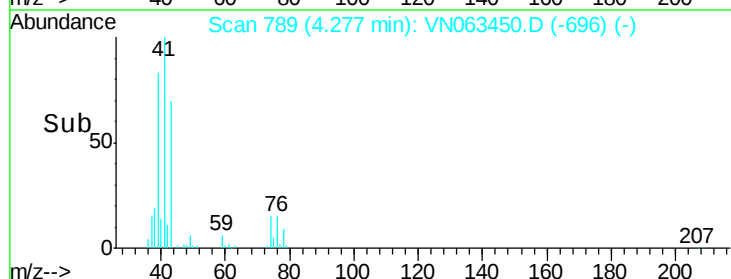
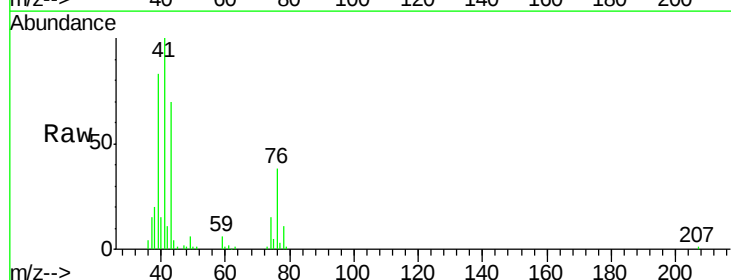
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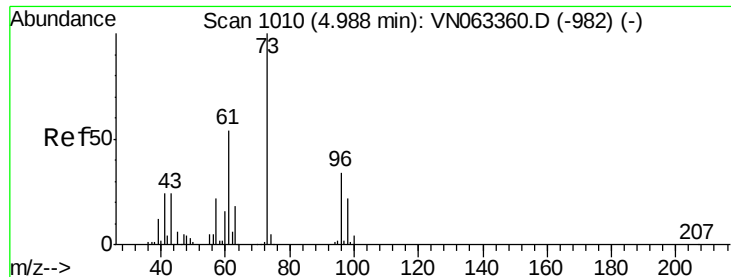
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#18
Methyl Acetate
Concen: 17.804 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2





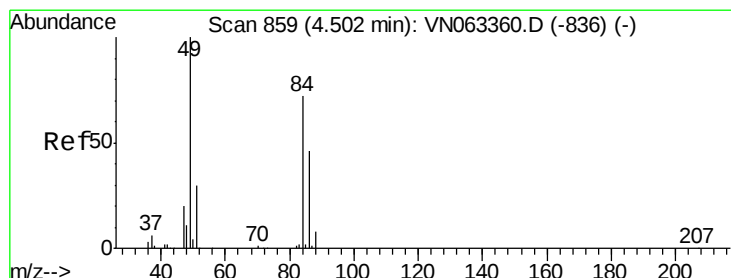
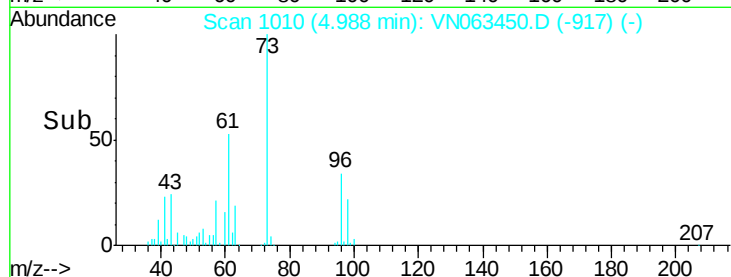
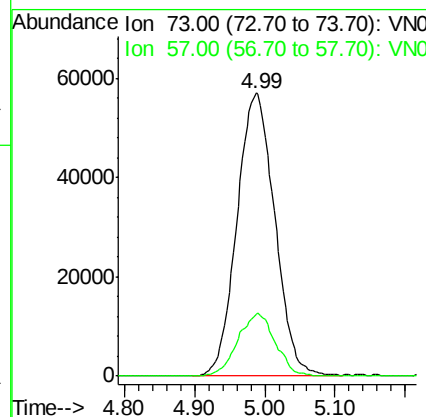
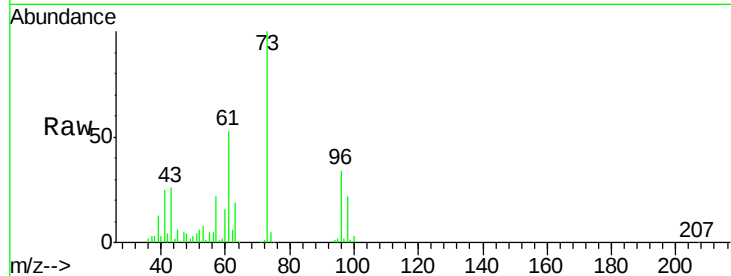
#19
Methyl tert-butyl Ether
Concen: 17.523 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion: 73 Resp: 213820
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

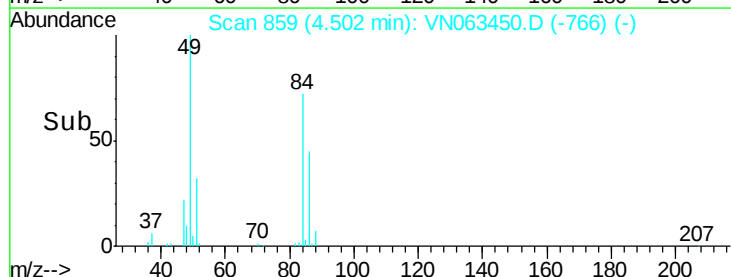
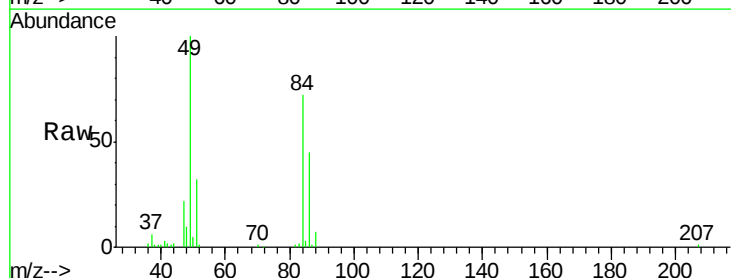
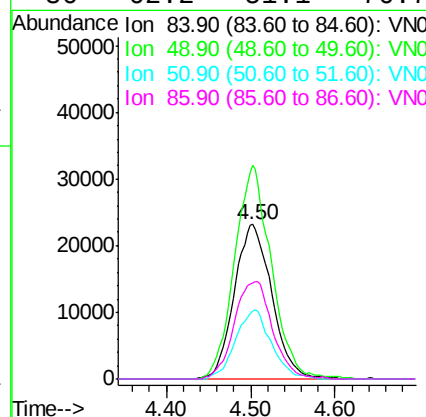
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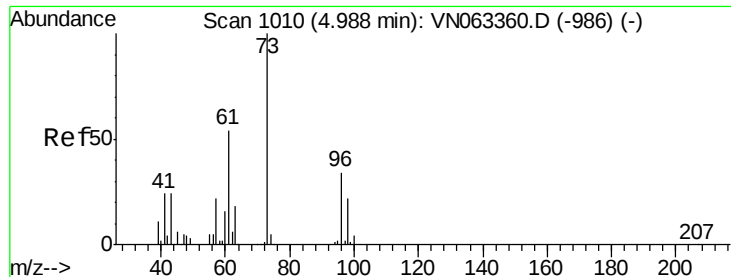
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#20
Methylene Chloride
Concen: 17.837 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion: 84 Resp: 71726
Ion Ratio Lower Upper
84 100
49 138.2 110.7 166.1
51 44.1 32.9 49.3
86 62.2 51.1 76.7





#21

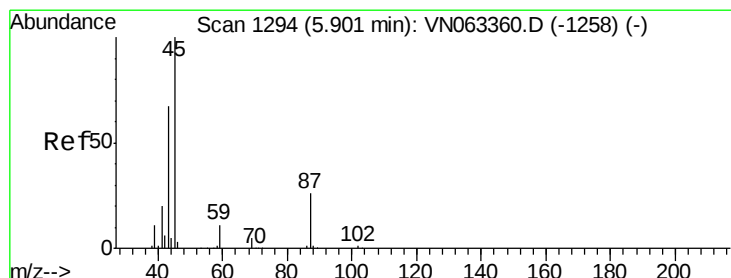
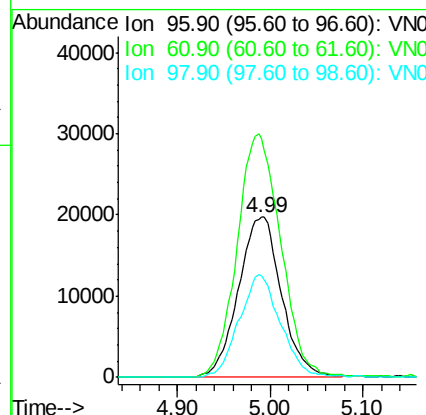
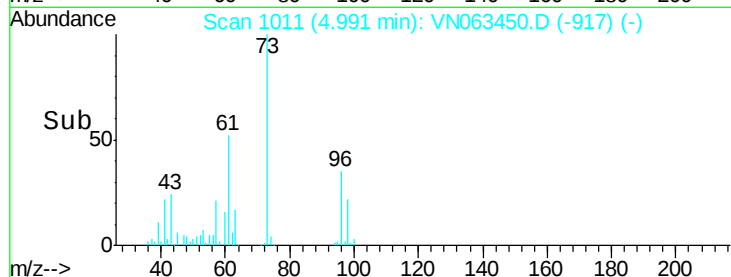
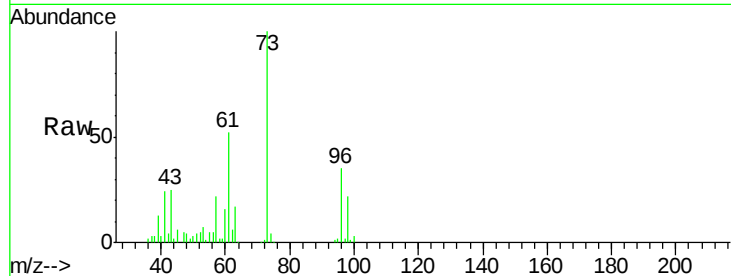
trans-1,2-Dichloroethene
Concen: 17.554 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.0	126.2	189.4
98	63.1	51.0	76.4

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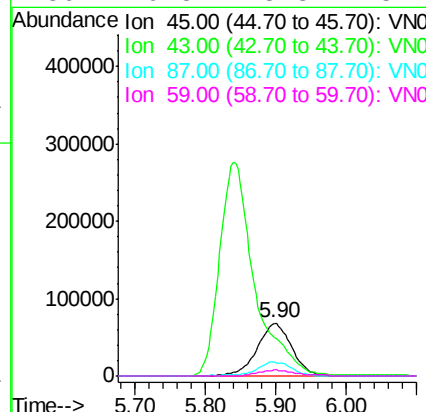
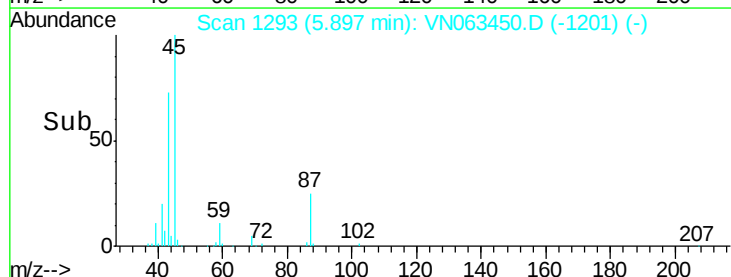
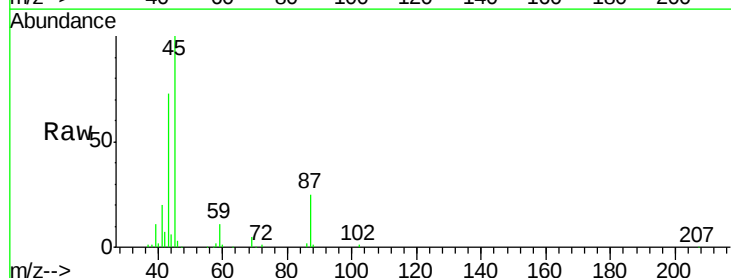
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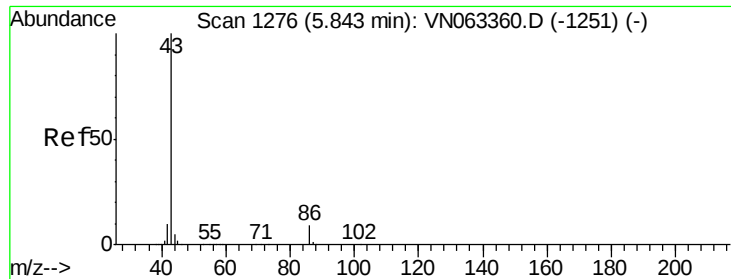


#22

Diisopropyl ether
Concen: 17.628 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.0	53.5	80.3
87	25.4	21.2	31.8
59	10.8	8.8	13.2





#23

Vinyl Acetate

Concen: 88.427 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tot Ion: 43 Resp: 959160

Ion Ratio Lower Upper

43 100

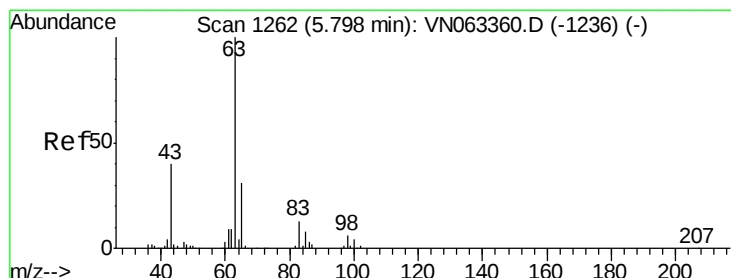
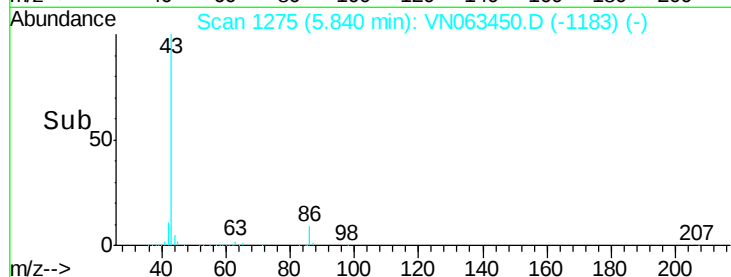
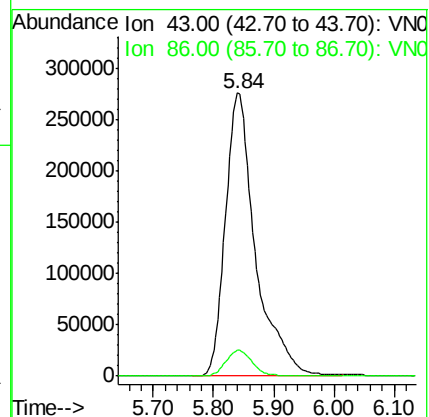
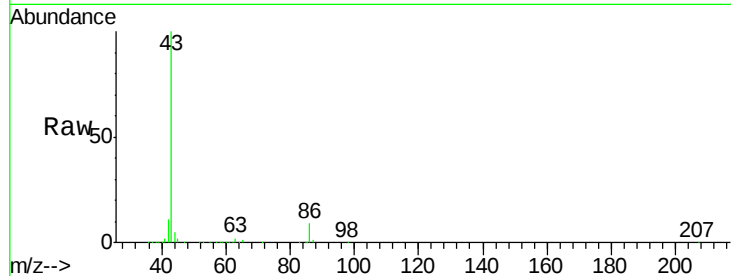
86 9.2 7.1 10.7

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#24

1,1-Dichloroethane

Concen: 17.612 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

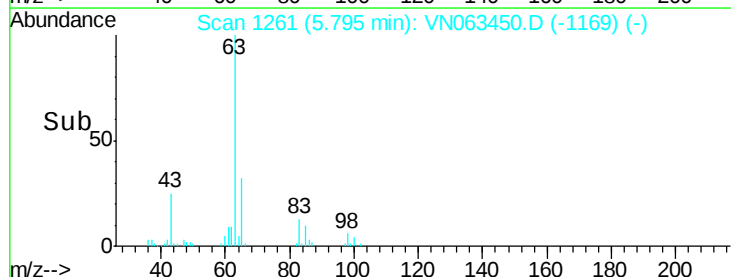
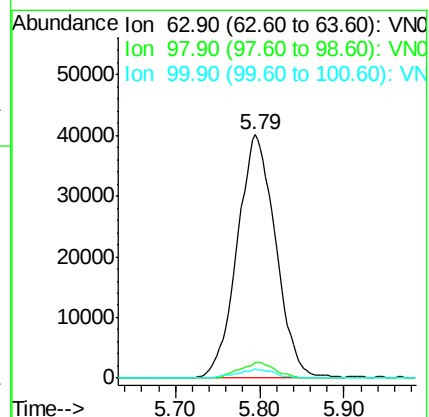
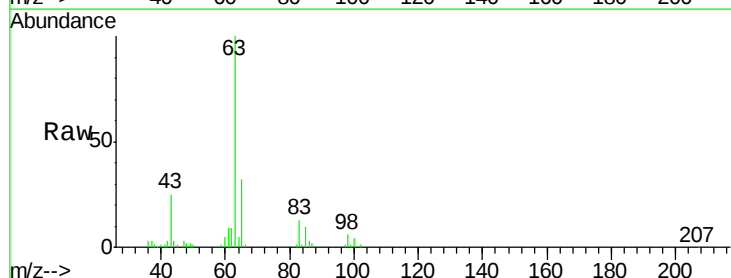
Tgt Ion: 63 Resp: 126992

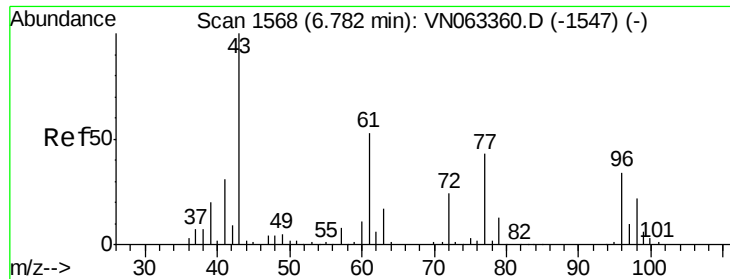
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 3.7 2.1 6.3





#25

2-Butanone

Concen: 84.296 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampled :

VN0918WBS01

Tot Ion: 43 Resp: 205769

Ion Ratio Lower Upper

43 100

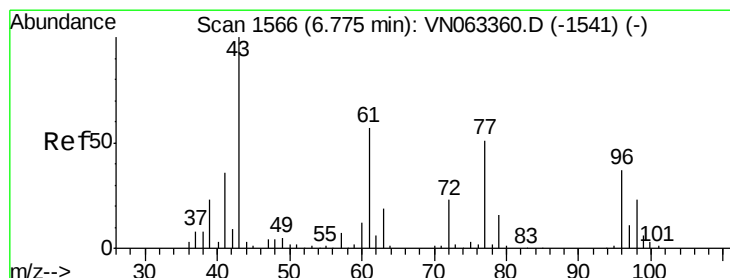
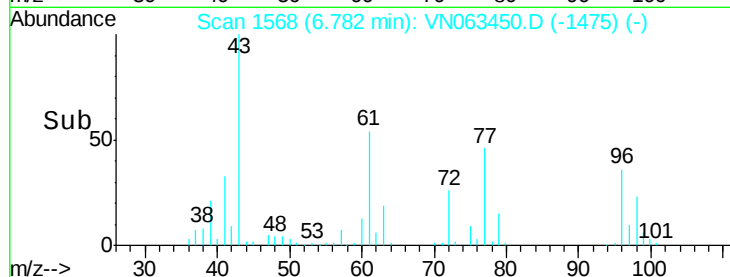
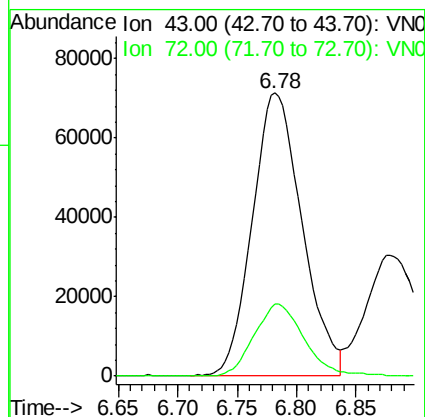
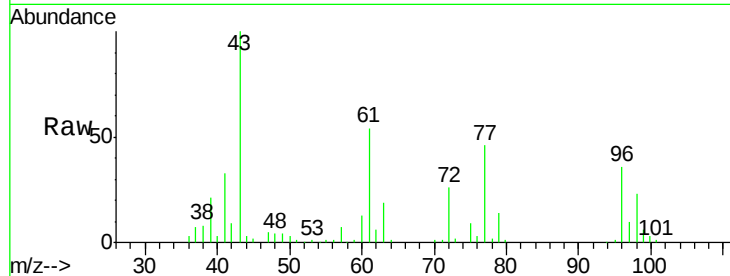
72 25.7 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.409 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063450.D

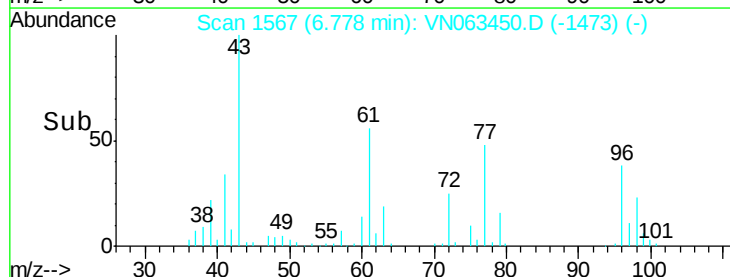
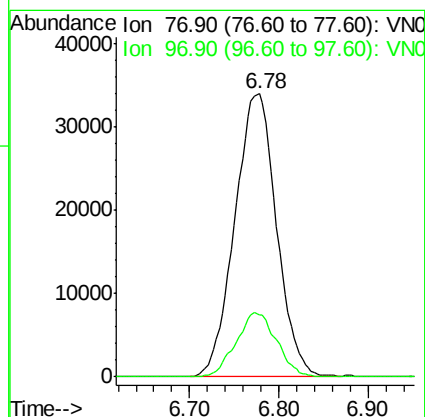
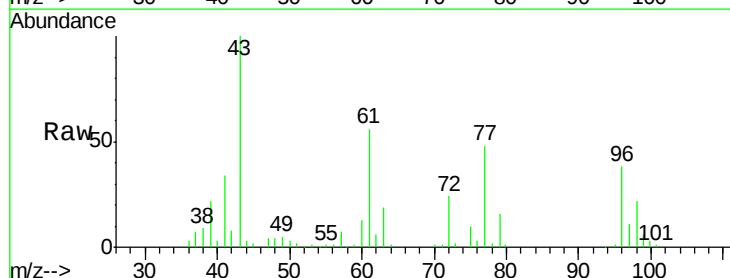
Acq: 18 Sep 2020 12:09

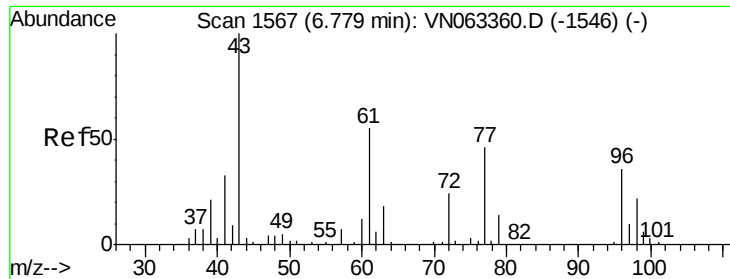
Tgt Ion: 77 Resp: 110523

Ion Ratio Lower Upper

77 100

97 21.8 10.5 31.6





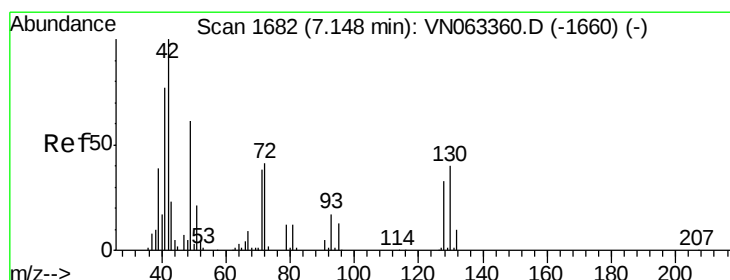
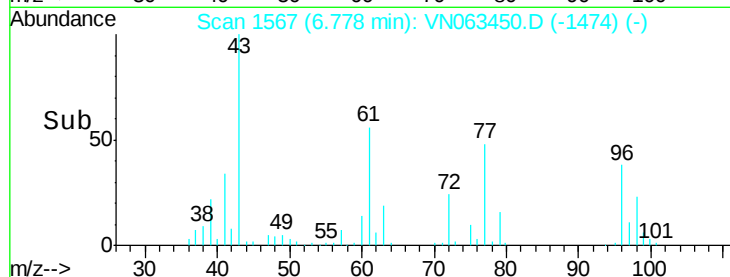
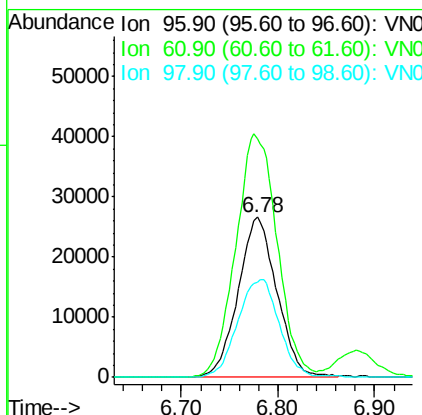
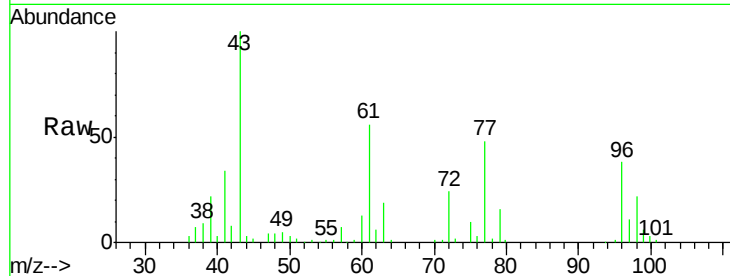
#27
 cis-1,2-Dichloroethene
 Concen: 18.126 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.5	0.0	319.6
98	65.1	0.0	127.8

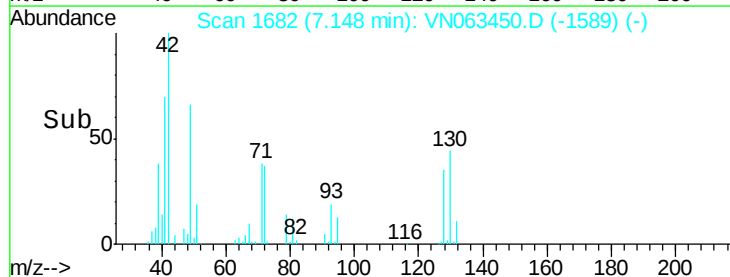
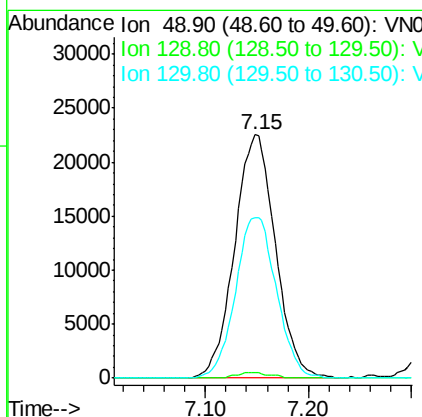
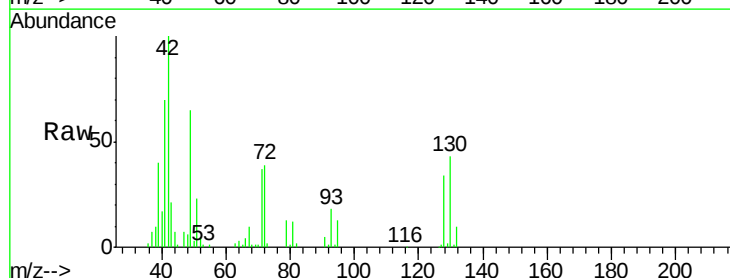
Manual Integrations
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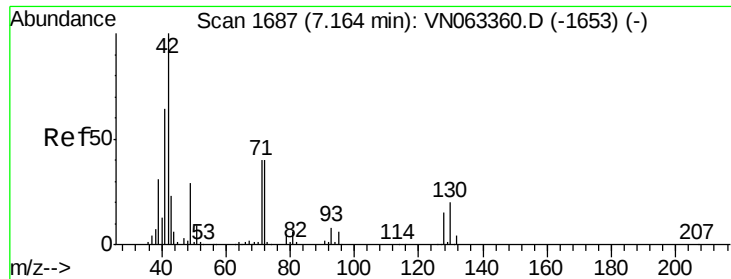
MMDadoda
 9/21/2020 11:49:41 AM



#28
 Bromochloromethane
 Concen: 18.639 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	66.3	52.2	78.2





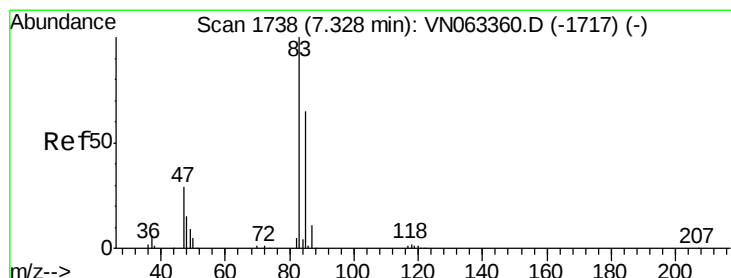
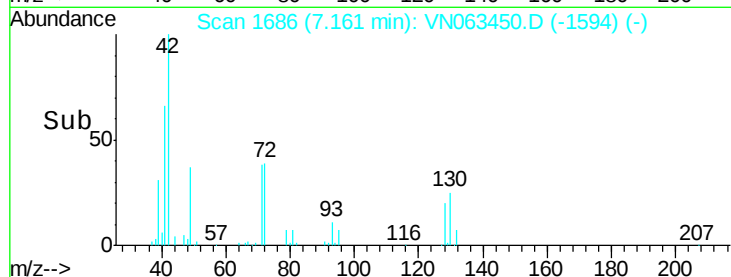
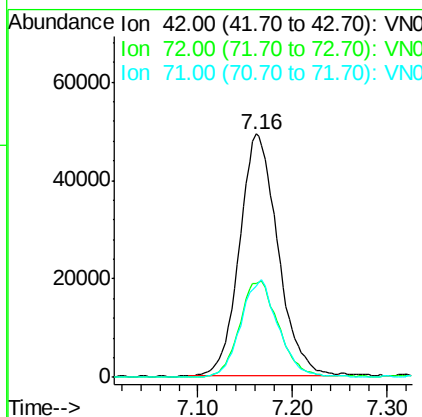
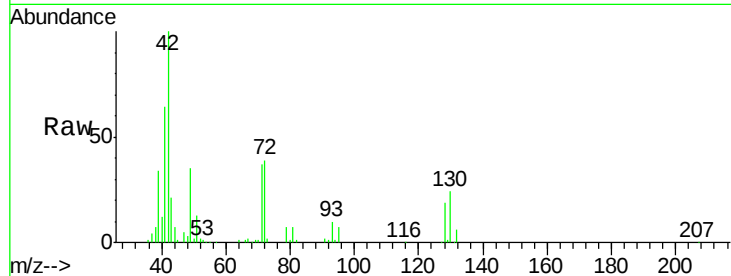
#29
Tetrahydrofuran
Concen: 83.255 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.1	48.1
71	39.2	31.2	46.8

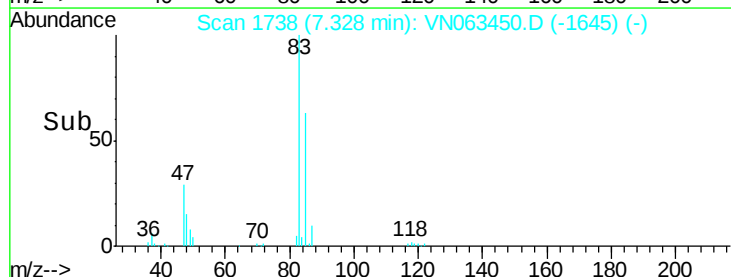
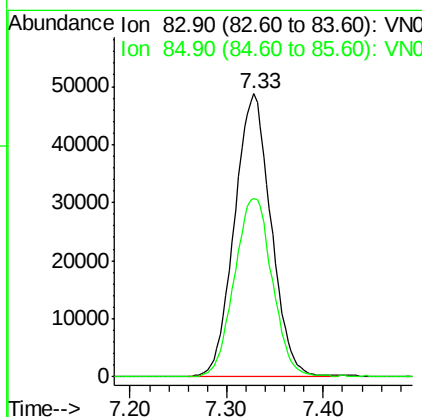
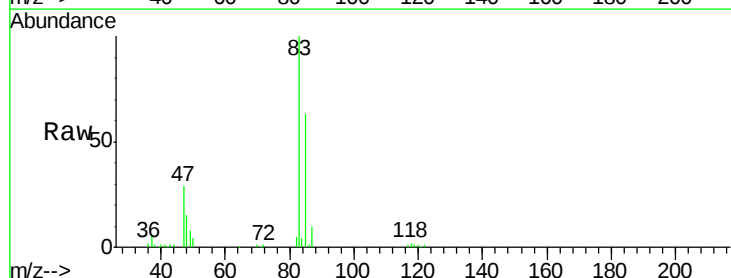
Manual Integrations
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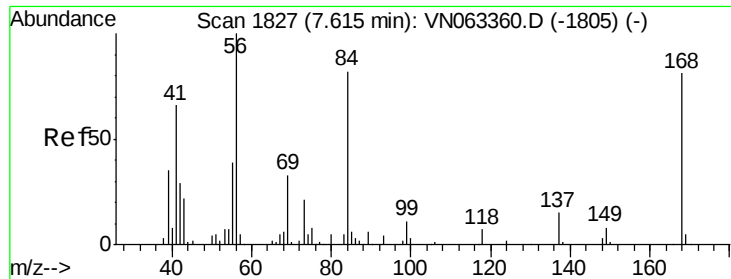
MMDadoda
9/21/2020 11:49:41 AM



#30
Chloroform
Concen: 17.712 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.1	78.1





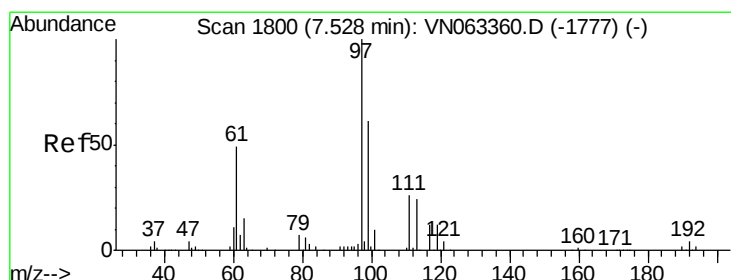
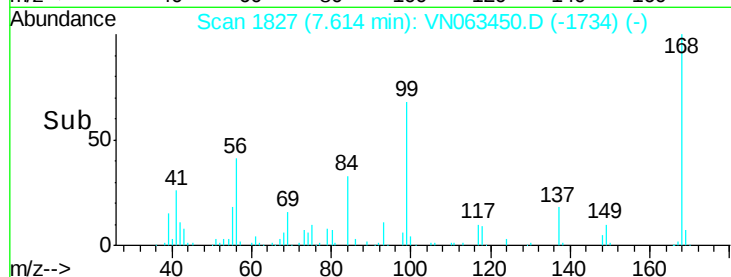
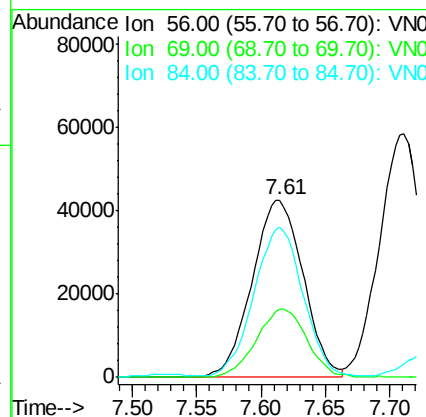
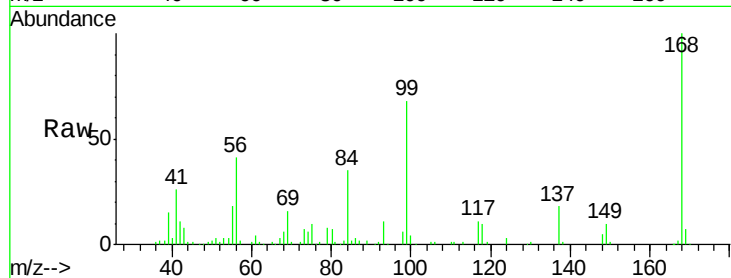
#31
Cyclohexane
Concen: 17.173 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.7	26.1	39.1
84	83.3	65.4	98.2

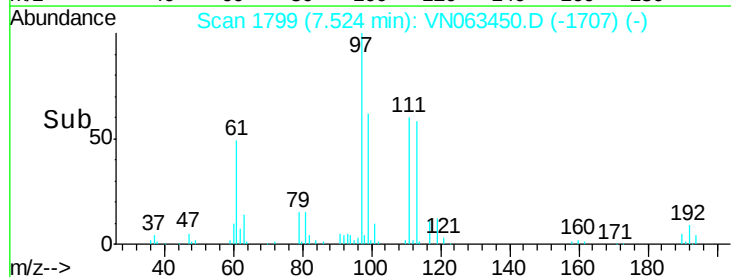
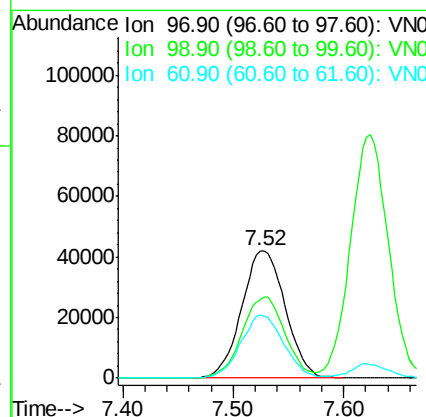
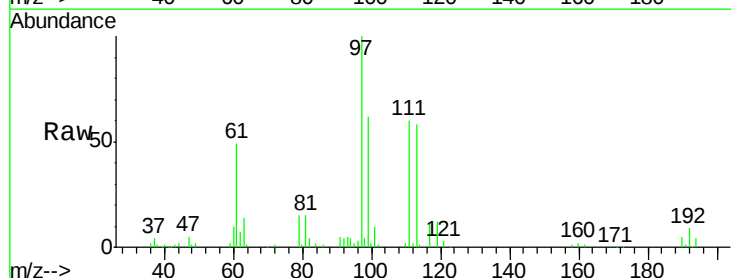
Manual Integrations
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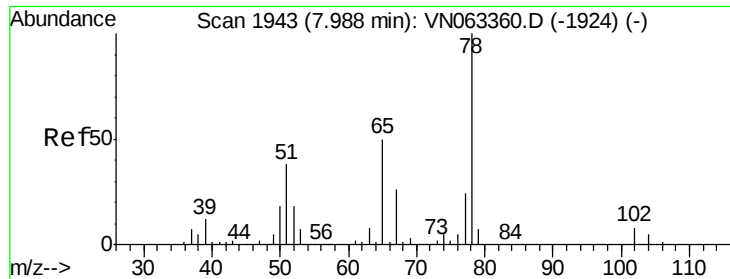
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.929 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	50.6	76.0
61	48.5	39.2	58.8





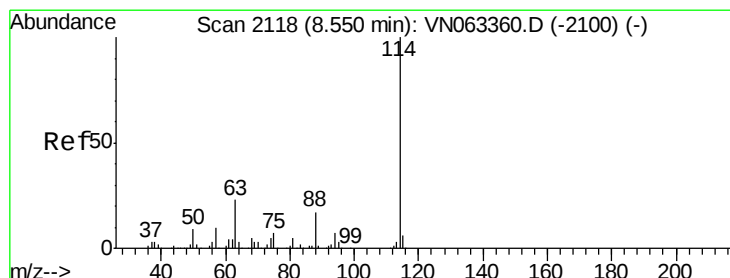
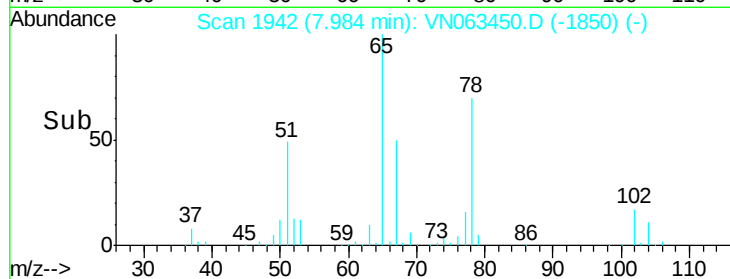
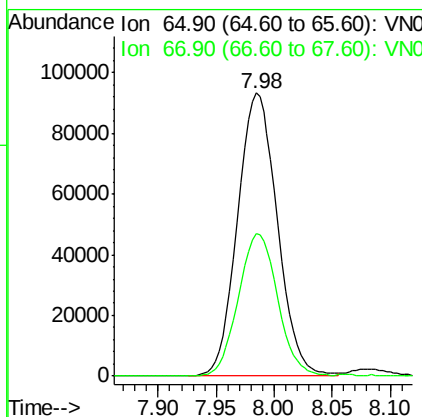
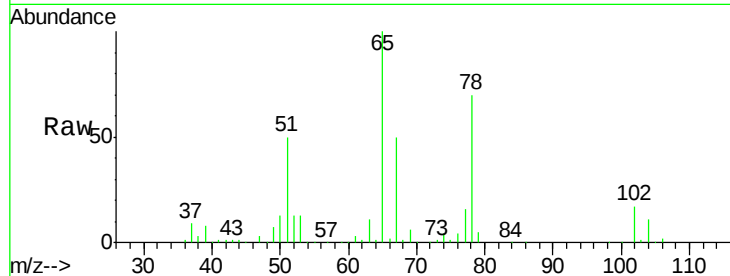
#33
 1,2-Dichloroethane-d4
 Concen: 45.113 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	222794		
67	49.8	0.0	104.2	

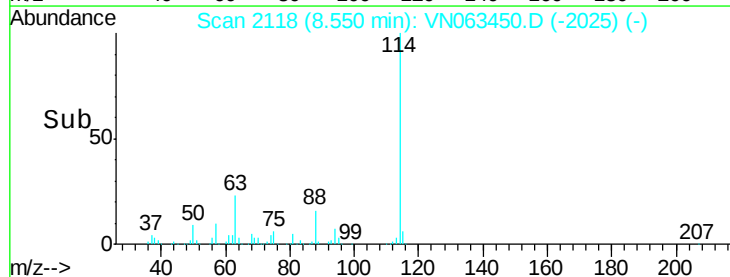
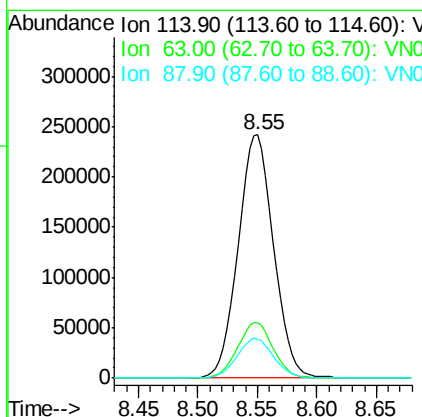
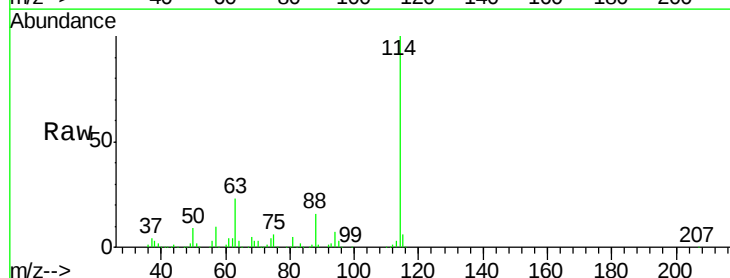
Manual Integrations
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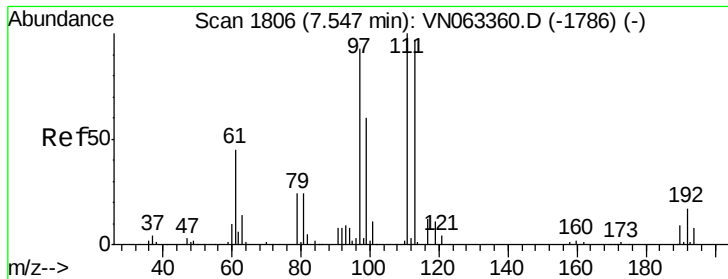
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 9/21/2020 11:49:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	499467		
63	23.0	0.0	46.4	
88	16.2	0.0	33.2	





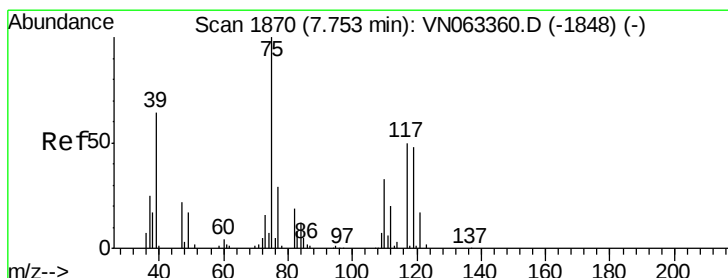
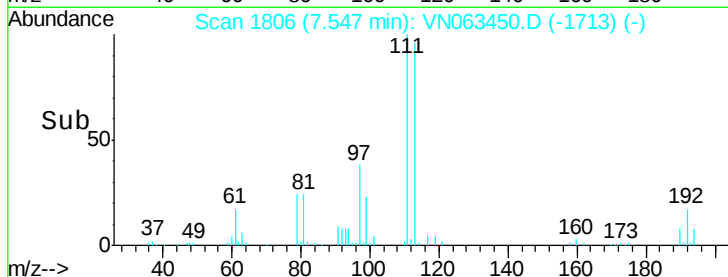
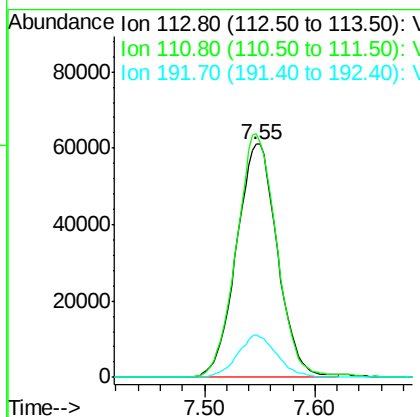
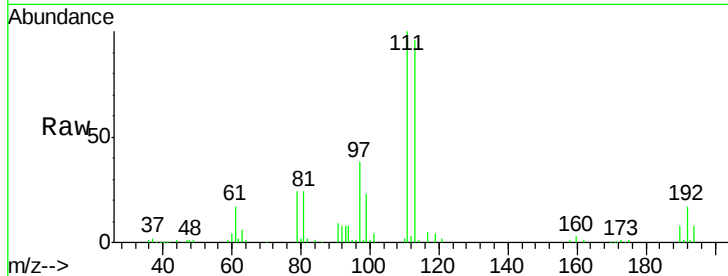
#35
 Dibromofluoromethane
 Concen: 45.428 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	82.9	124.3	
192	17.4	13.9	20.9	

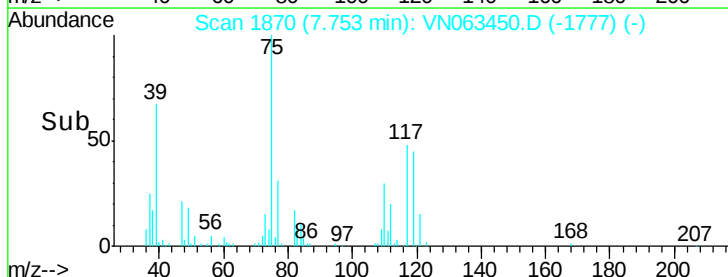
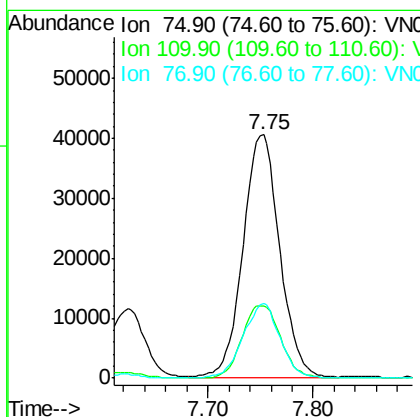
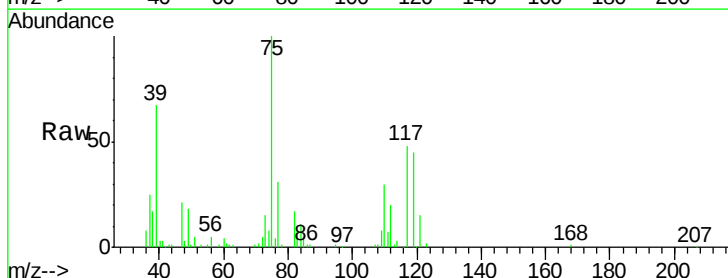
Manual Integrations
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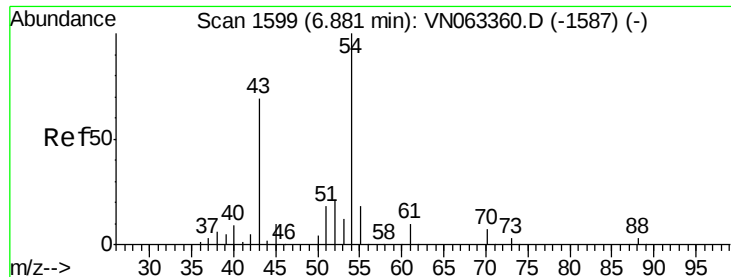
MMDadoda
 9/21/2020 11:49:41 AM



#36
 1,1-Dichloropropene
 Concen: 18.392 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	31.6	16.5	49.5	
77	31.1	24.6	36.8	





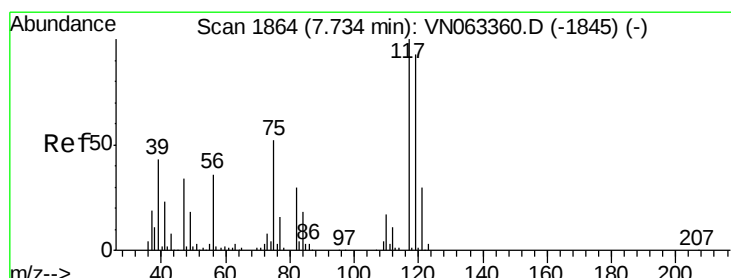
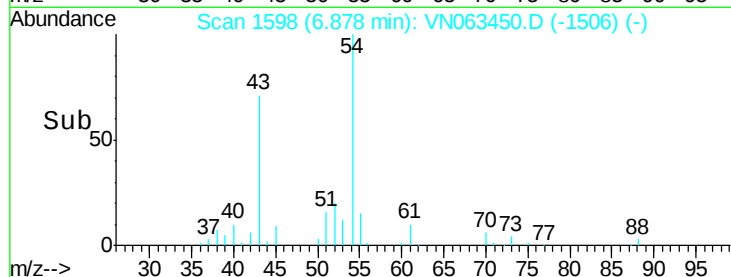
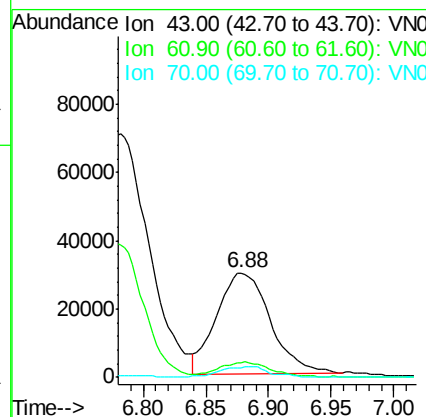
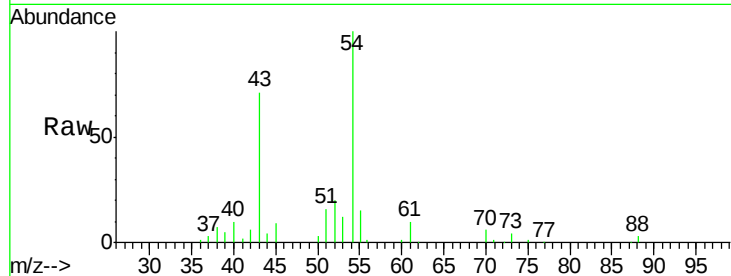
#37
Ethyl Acetate
Concen: 16.970 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	10.1	7.2	10.8

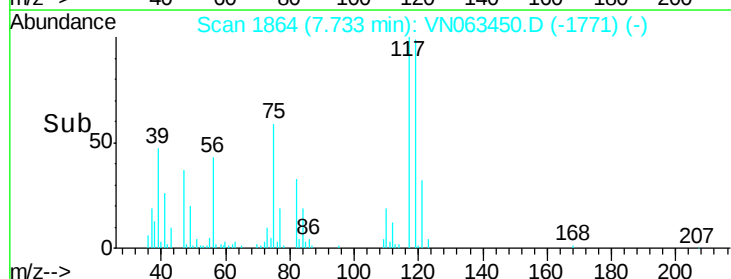
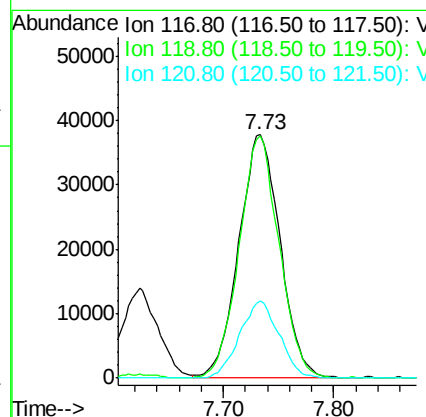
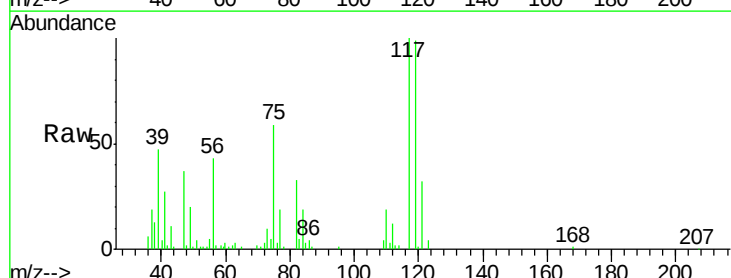
Manual Integrations
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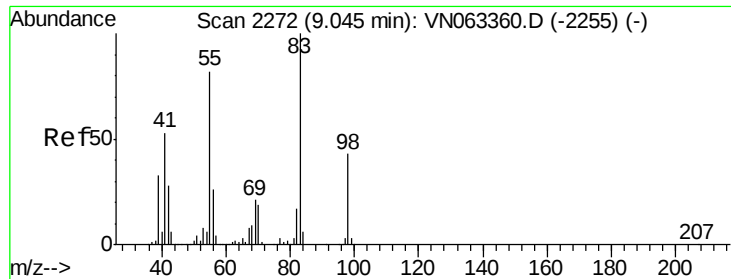
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.053 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	74.5	111.7
121	31.9	24.1	36.1





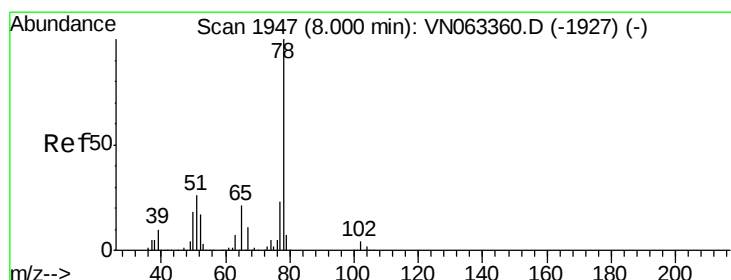
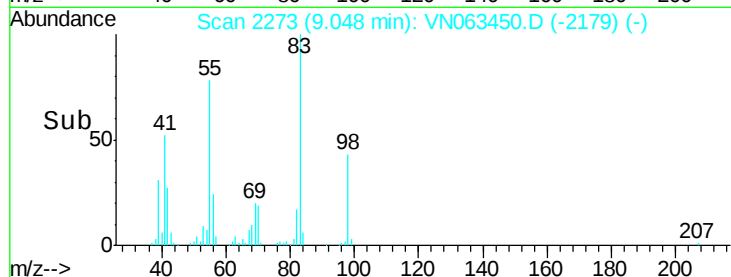
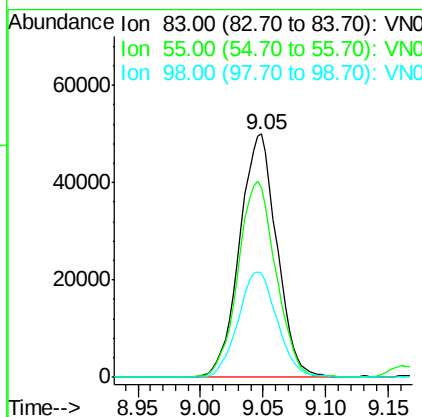
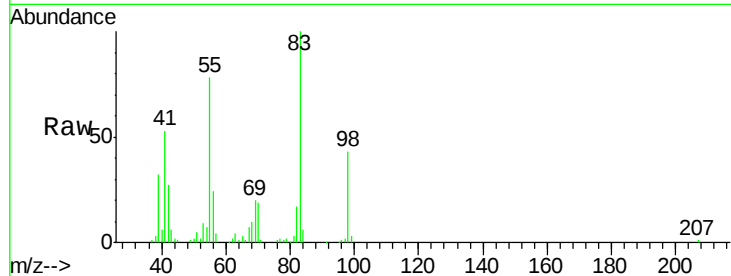
#39
Methvlcvclohexane
Concen: 17.925 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.2	65.5	98.3	
98	42.9	34.2	51.4	

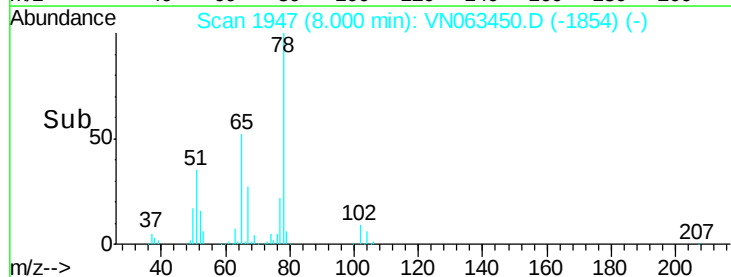
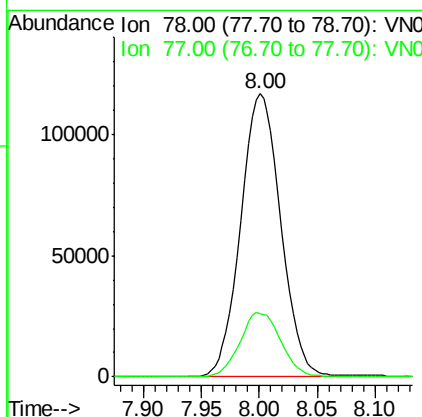
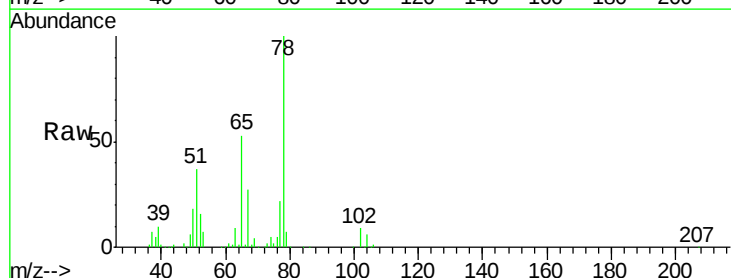
Manual Integrations
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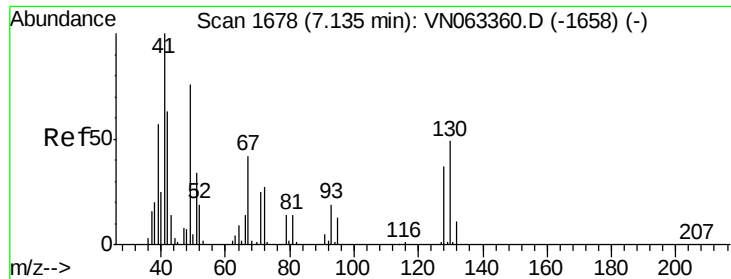
MMDadoda
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#40
Benzene
Concen: 18.481 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.3	18.3	27.5	





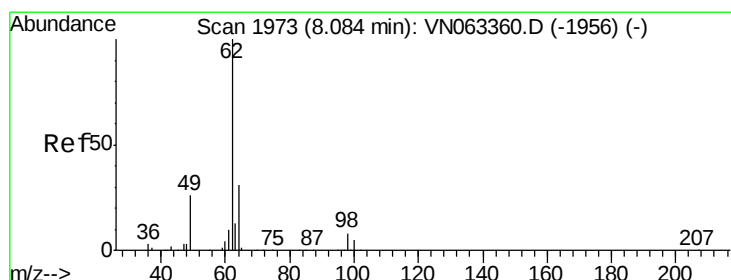
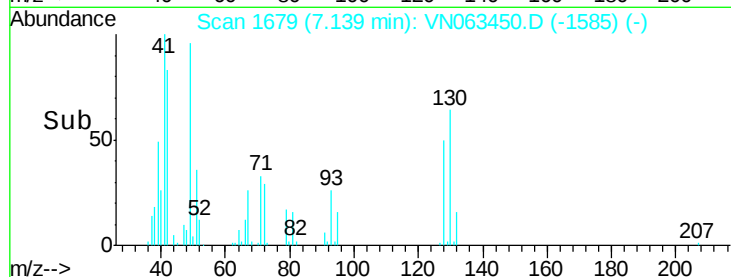
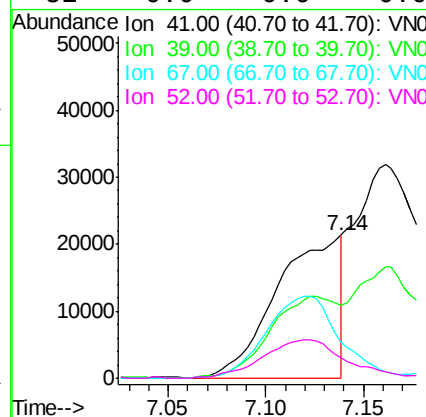
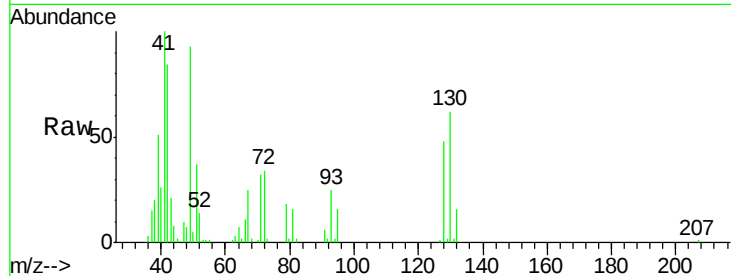
#41
Methacrylonitrile
Concen: 20.856 ug/l m
RT: 7.14 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		48989		
39	83.4	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0

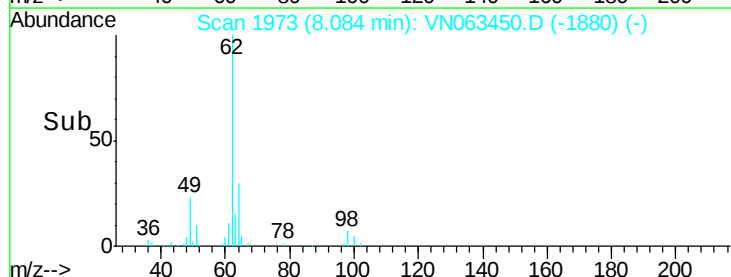
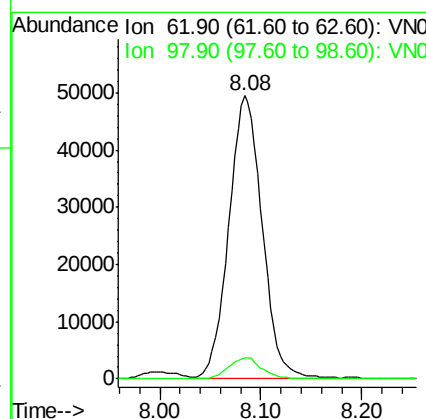
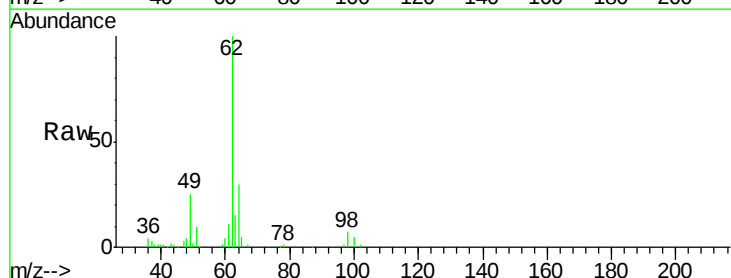
Manual Integrations
APPROVED

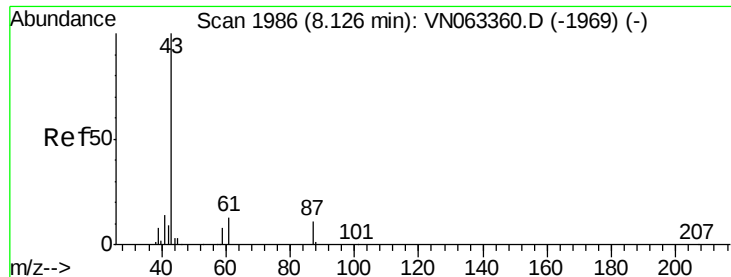
MMDadoda
9/21/2020 11:49:41 AM



#42
1,2-Dichloroethane
Concen: 18.530 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		113190		
98	7.4	0.0	15.6		





#43

Isopropyl Acetate

Concen: 17.115 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

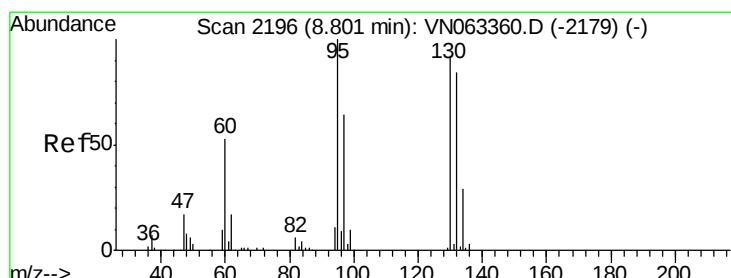
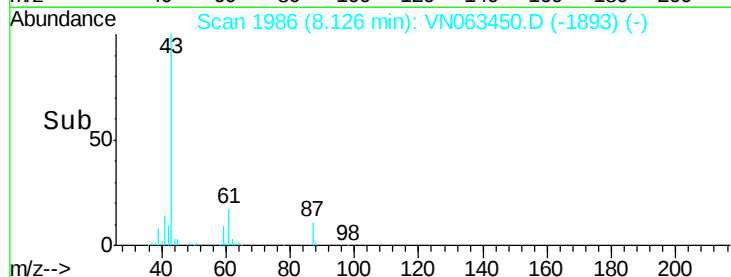
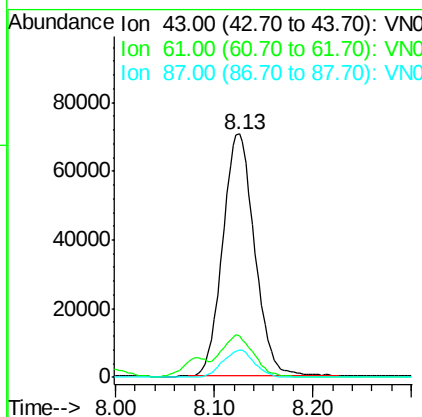
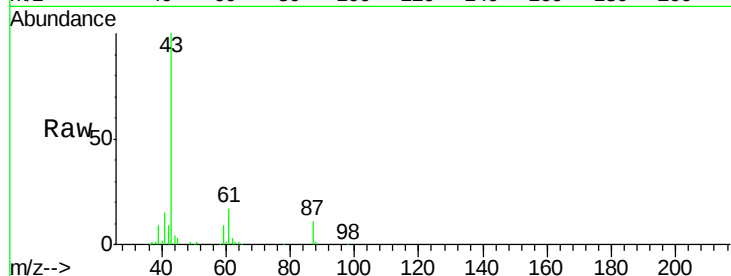
ClientSampleId :

VN0918WBS01

Tot Ion:	43	Resp:	159828
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.2	21.2
87	11.3	9.0	13.6

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#44

Trichloroethene

Concen: 18.771 ug/l

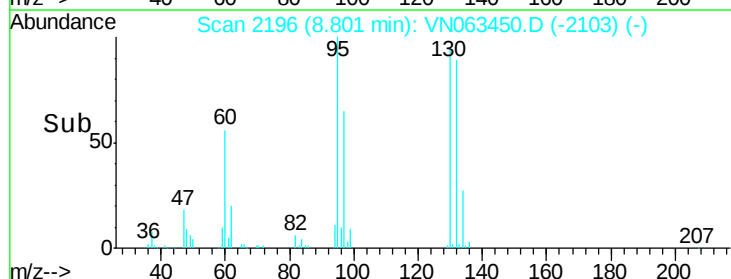
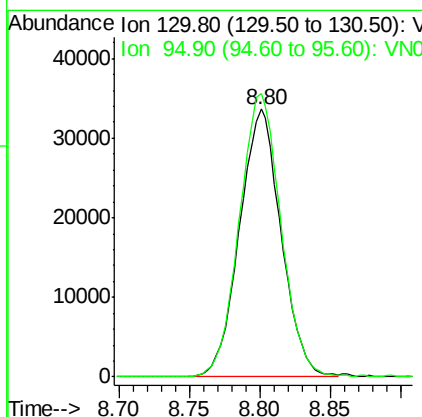
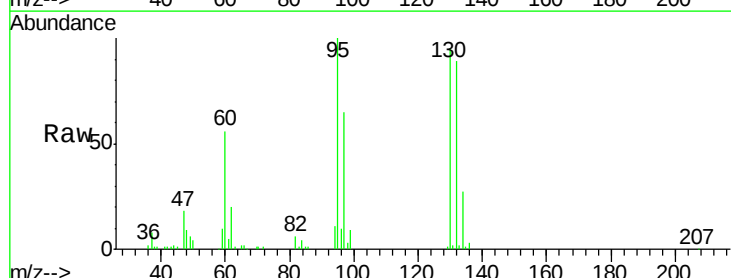
RT: 8.80 min Scan# 2196

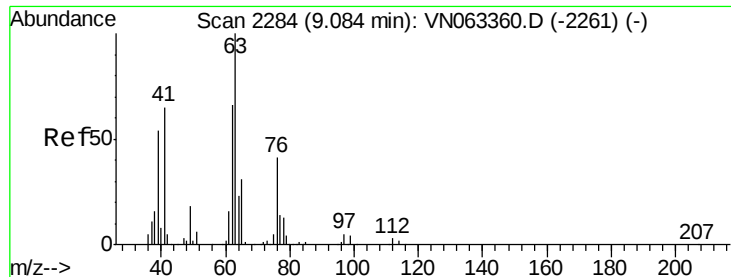
Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Tgt Ion:	130	Resp:	69156
Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	217.4





#45

1,2-Dichloropropane

Concen: 18.203 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampled :

VN0918WBS01

Tot Ion: 63 Resp: 75308

Ion Ratio Lower Upper

63 100

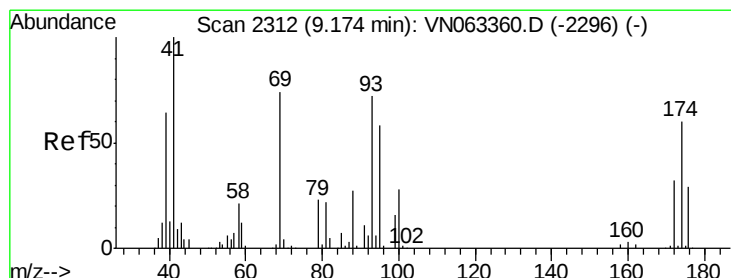
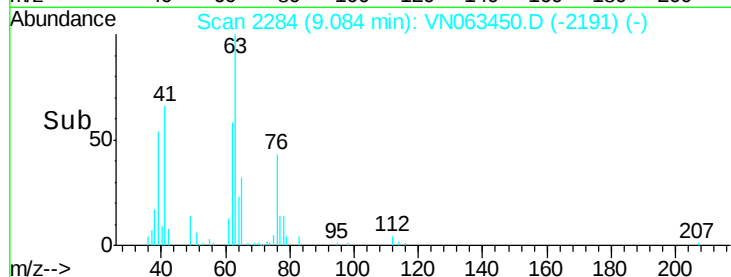
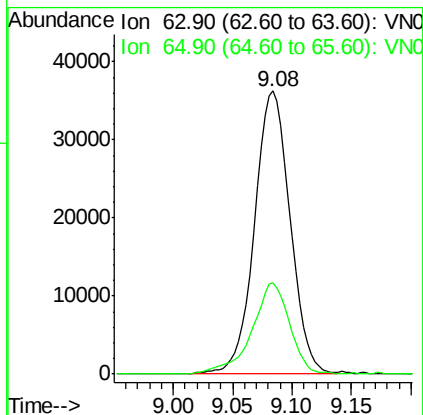
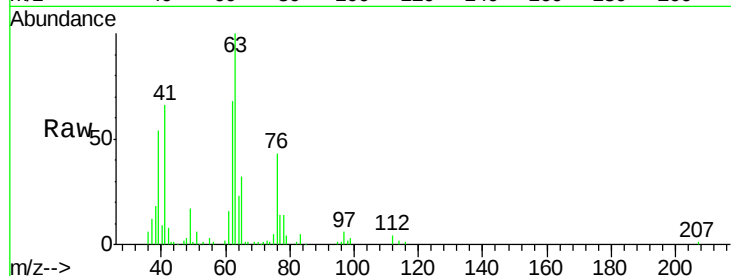
65 32.2 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 18.455 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

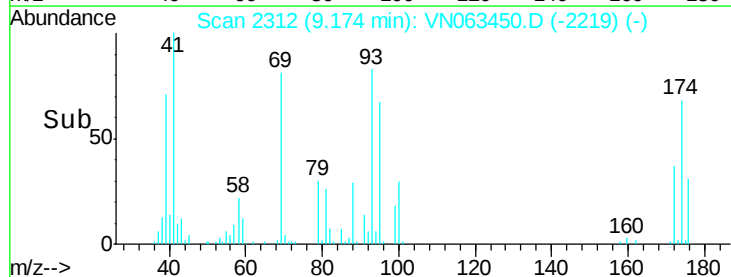
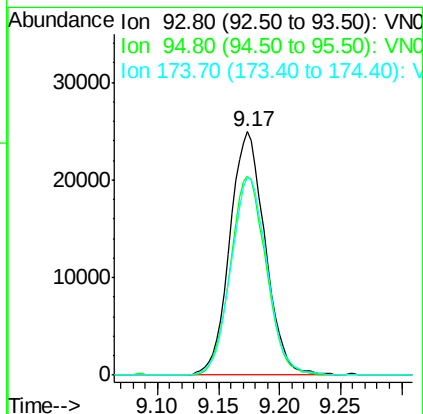
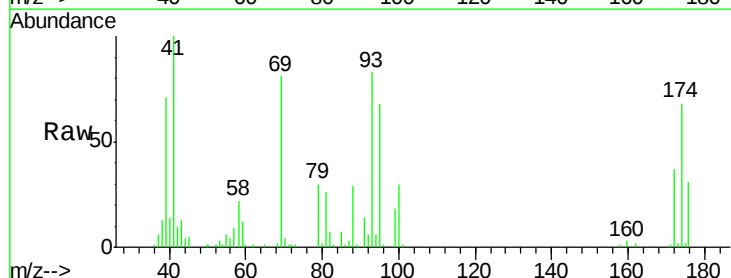
Tgt Ion: 93 Resp: 50182

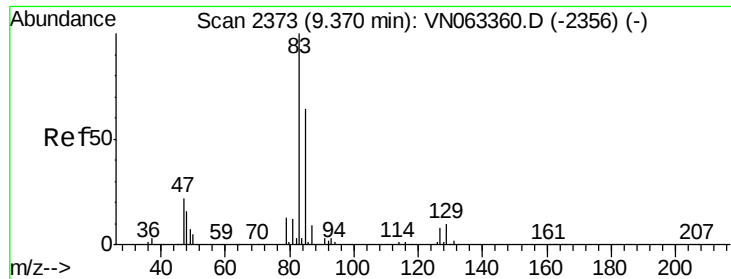
Ion Ratio Lower Upper

93 100

95 82.3 65.6 98.4

174 83.2 68.1 102.1





#47

Bromodichloromethane

Concen: 17.973 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

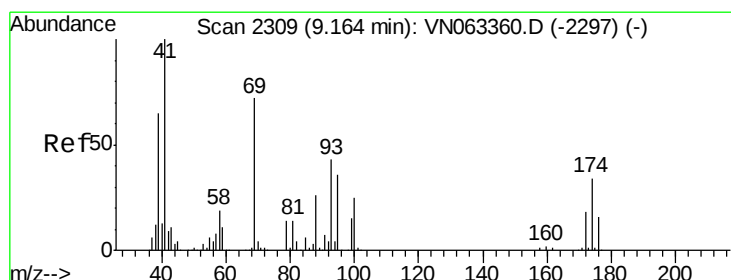
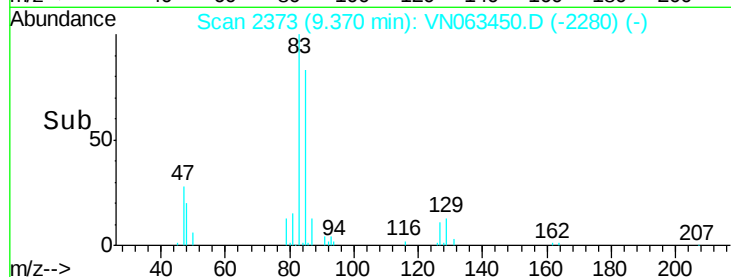
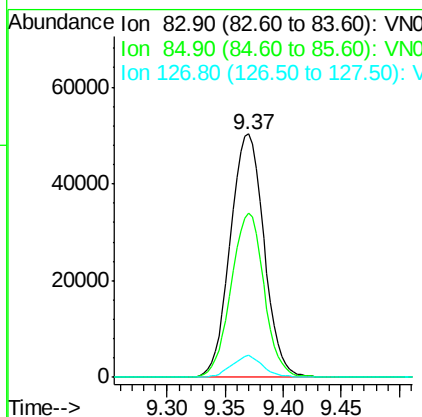
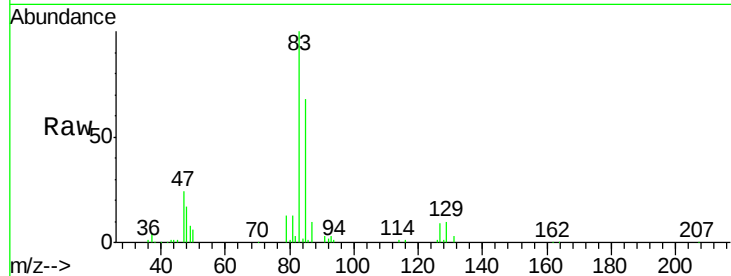
ClientSampleId :

VN0918WBS01

Tot Ion:	83	Resp:	101525
Ion Ratio	Lower	Upper	
83	100		
85	67.6	51.0	76.6
127	9.1	6.3	9.5

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#48

Methyl methacrylate

Concen: 16.292 ug/l

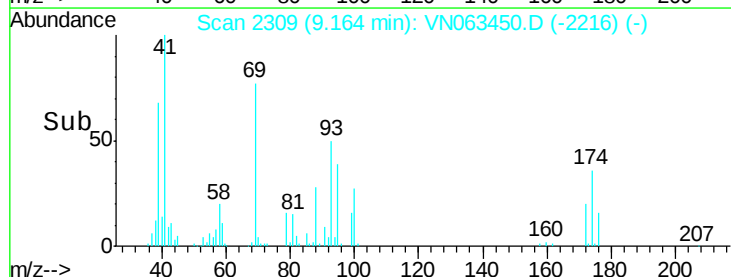
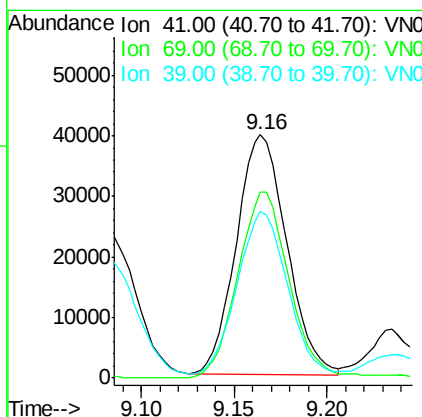
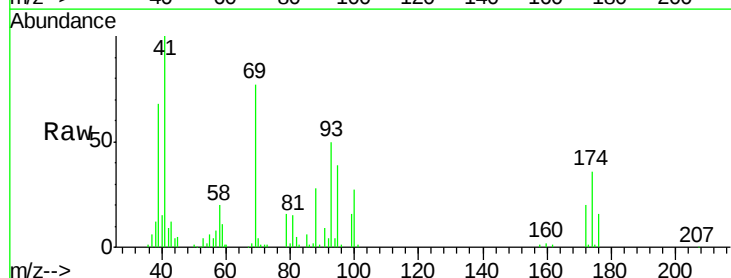
RT: 9.16 min Scan# 2309

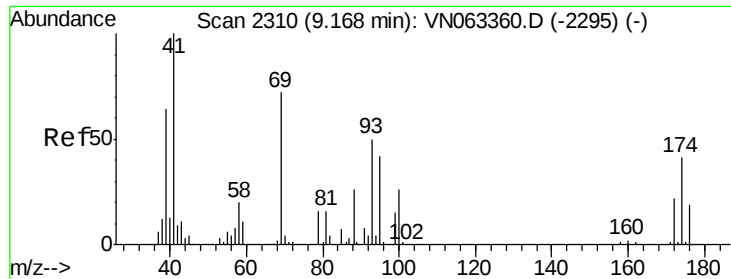
Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Tgt Ion:	41	Resp:	74748
Ion Ratio	Lower	Upper	
41	100		
69	79.2	59.3	88.9
39	70.5	52.9	79.3





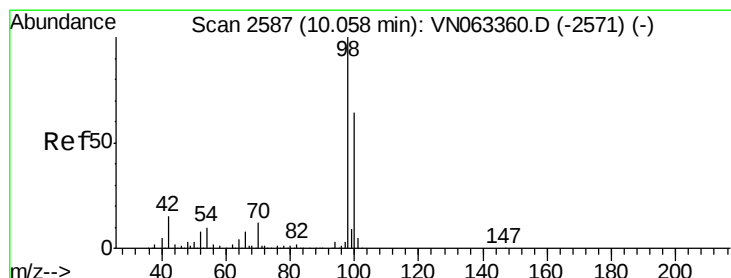
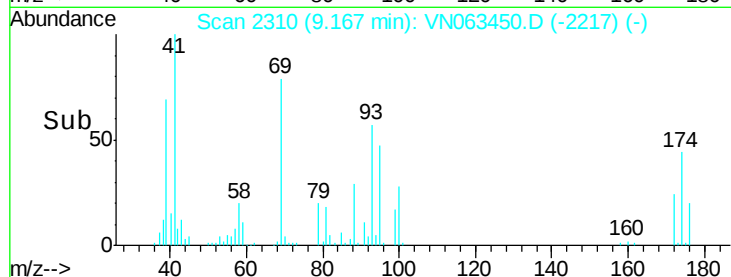
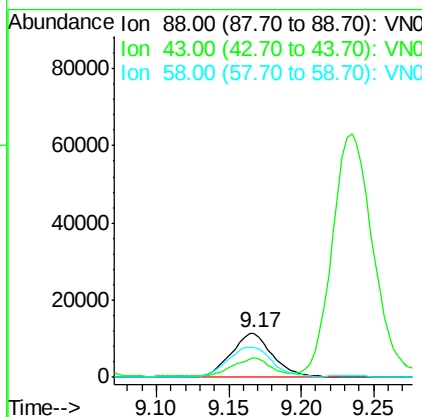
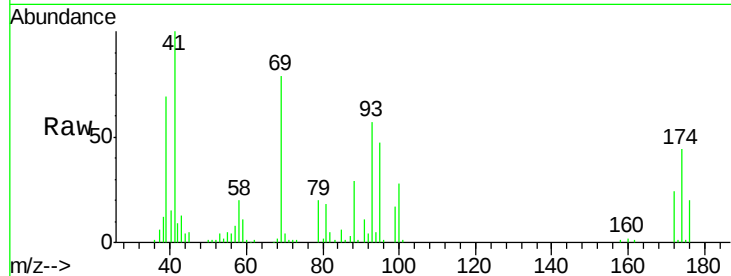
#49
1,4-Dioxane
Concen: 343.986 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampled :
VN0918WBS01

Tot Ion	88	Resp	22648
Ion Ratio	Lower	Upper	
88	100		
43	38.5	32.6	49.0
58	74.1	60.0	90.0

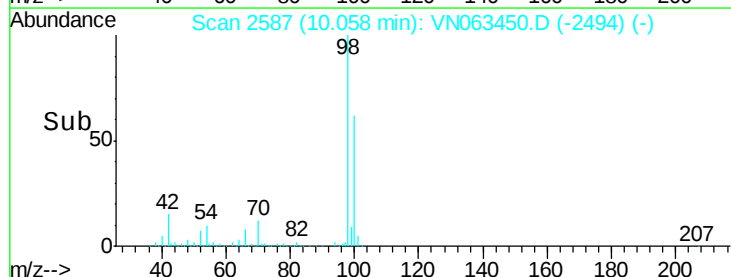
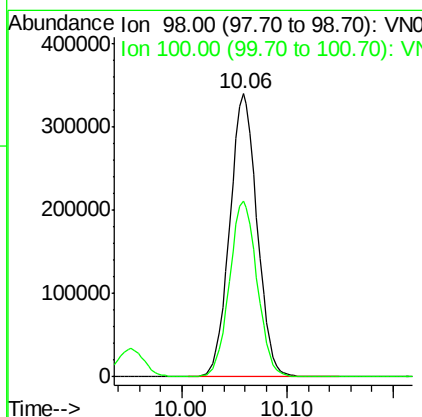
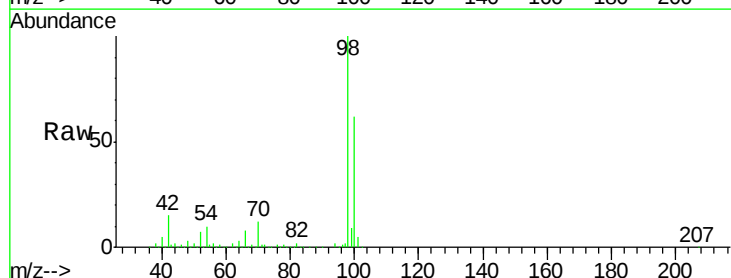
Manual Integrations
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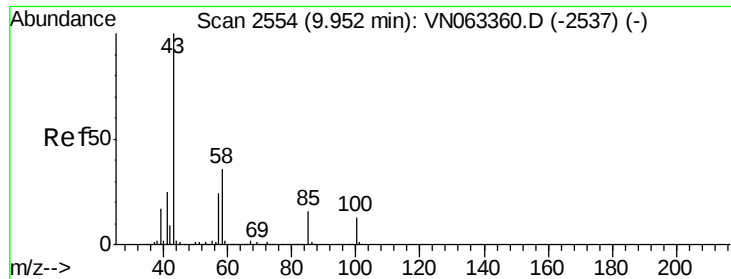
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#50
Toluene-d8
Concen: 46.834 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	98	Resp	608920
Ion Ratio	Lower	Upper	
98	100		
100	62.8	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 88.904 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampled :

VN0918WBS01

Tot Ion: 43 Resp: 464779

Ion Ratio Lower Upper

43 100

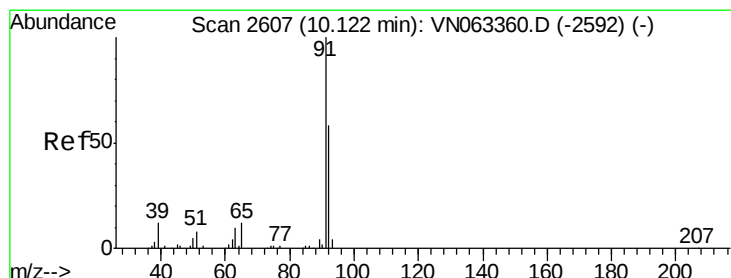
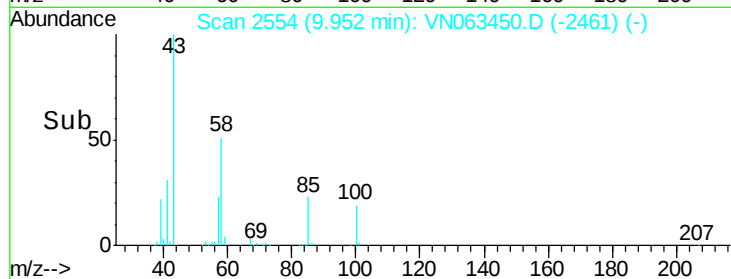
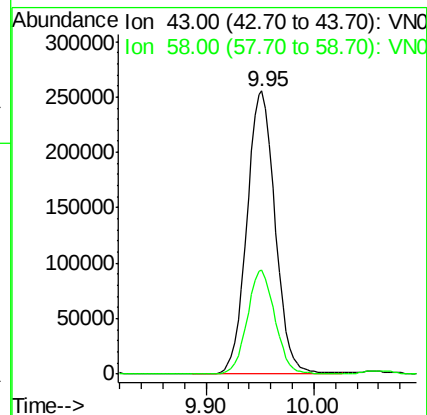
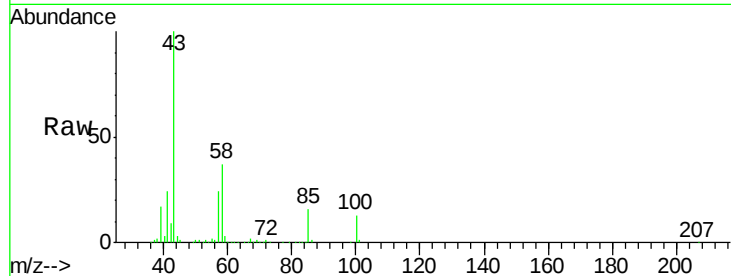
58 36.2 29.0 43.6

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#52

Toluene

Concen: 18.845 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063450.D

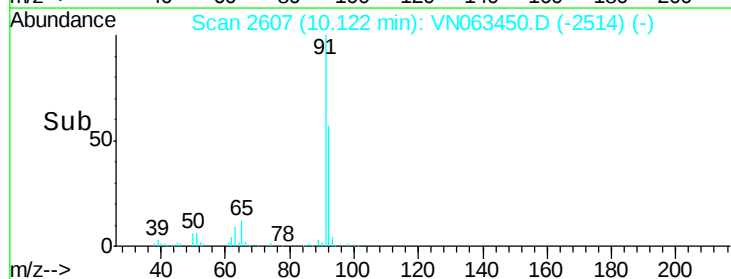
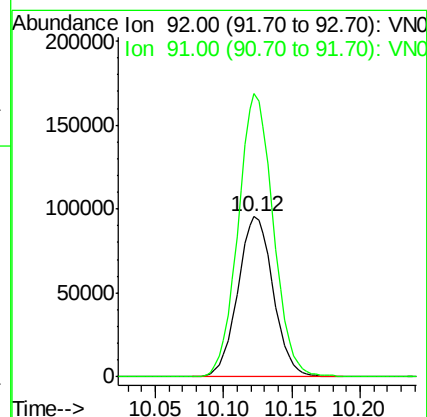
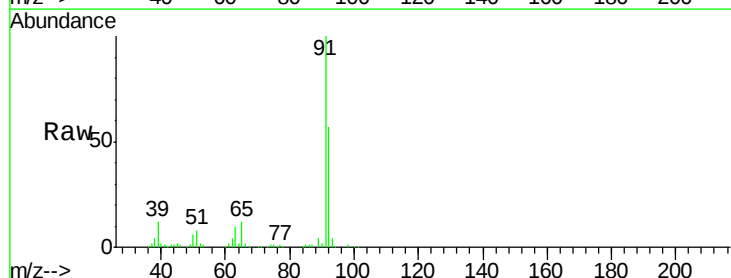
Acq: 18 Sep 2020 12:09

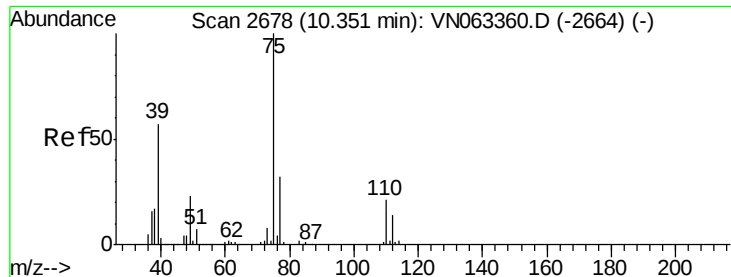
Tgt Ion: 92 Resp: 172103

Ion Ratio Lower Upper

92 100

91 175.6 139.7 209.5





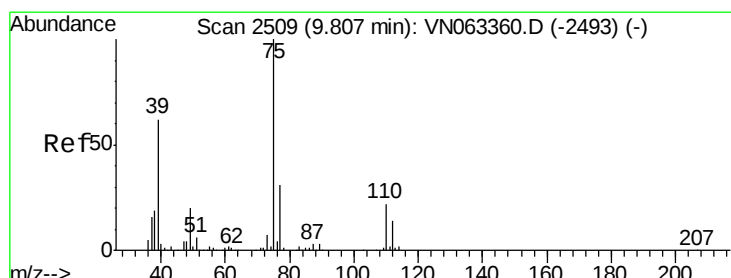
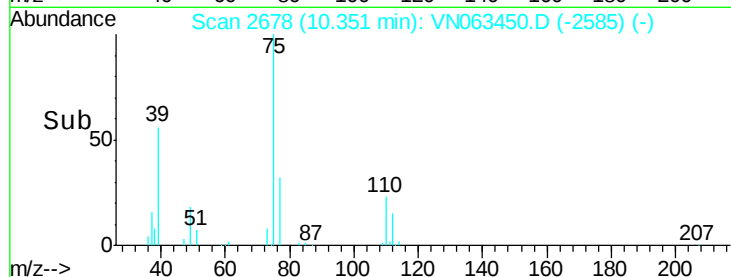
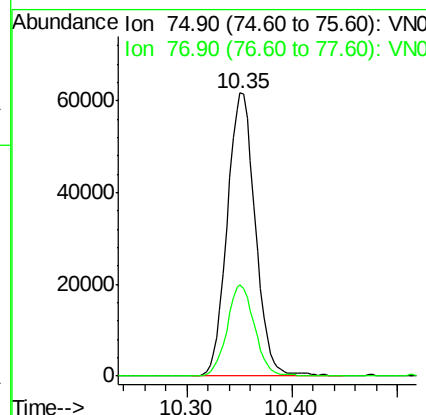
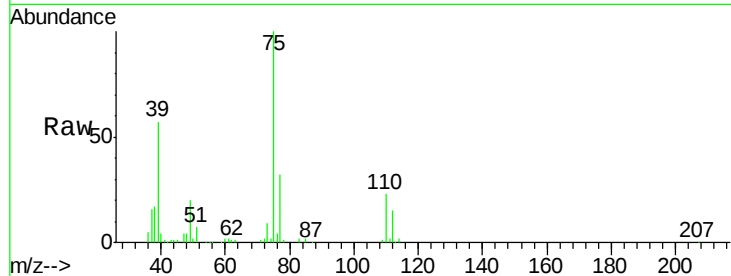
#53
t-1,3-Dichloropropene
Concen: 18.031 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion: 75 Resp: 113707
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2

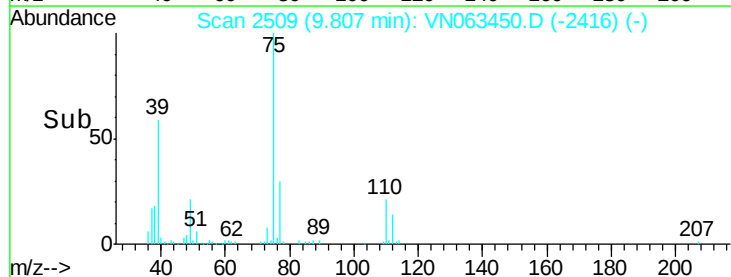
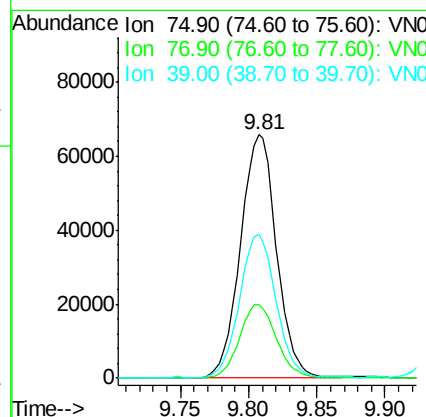
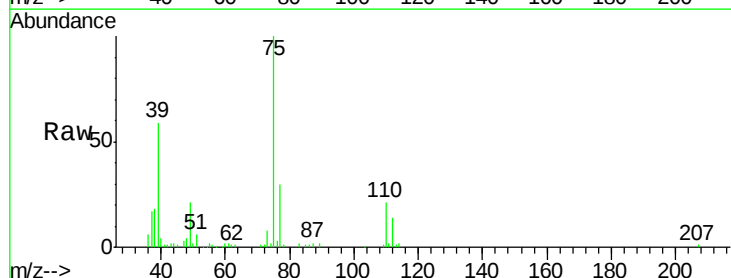
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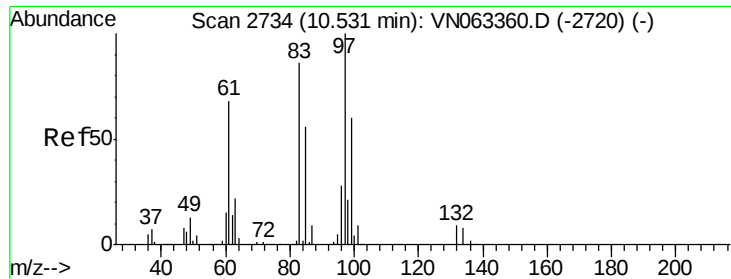
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#54
cis-1,3-Dichloropropene
Concen: 18.175 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion: 75 Resp: 120901
Ion Ratio Lower Upper
75 100
77 30.3 24.6 37.0
39 58.7 49.8 74.8





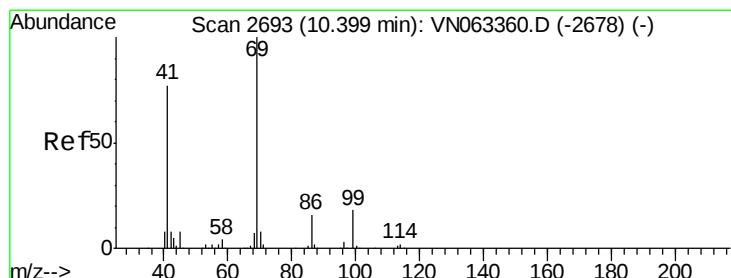
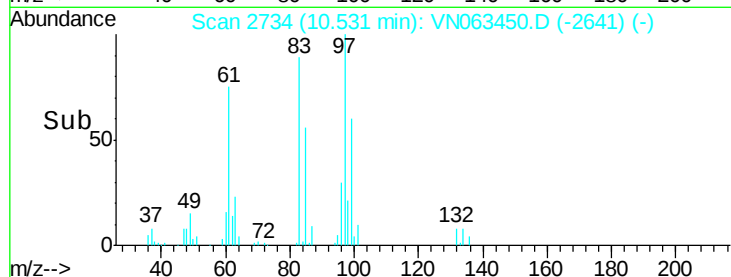
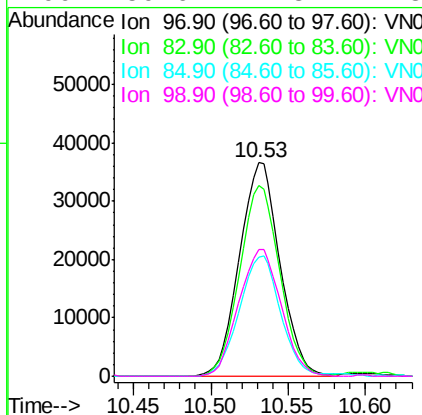
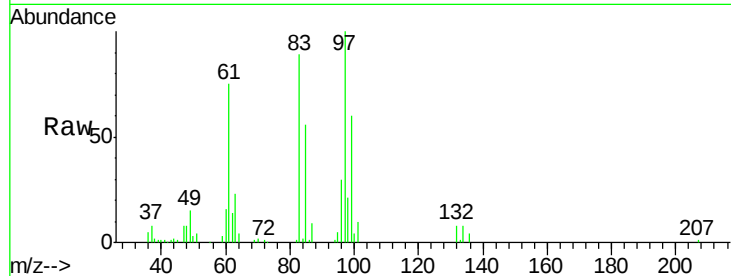
#55
 1,1,2-Trichloroethane
 Concen: 18.408 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Tot Ion:	97	Resp:	66776
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.9	103.3
85	55.9	44.8	67.2
99	59.6	47.8	71.8

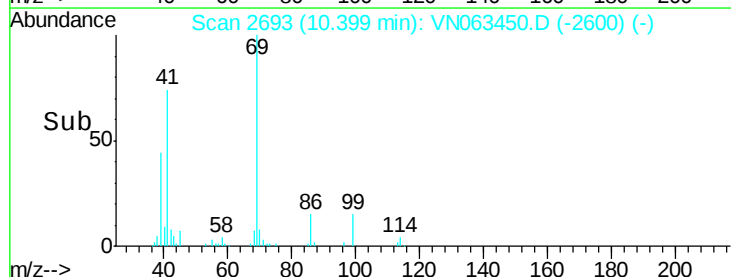
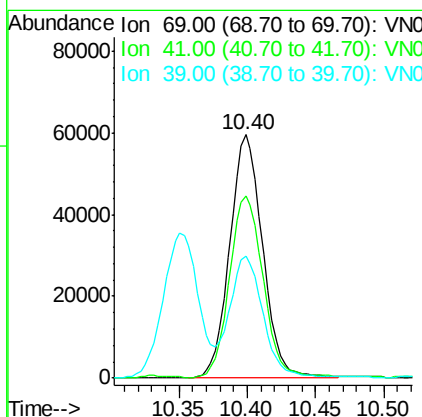
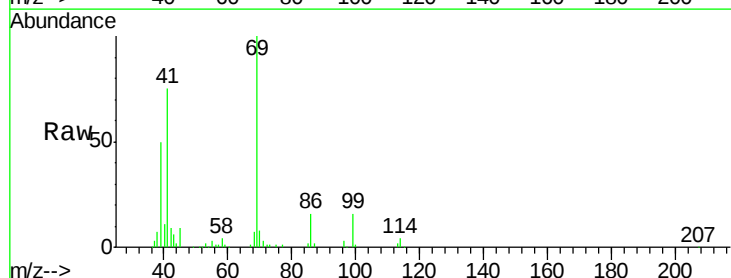
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#56
 Ethyl methacrylate
 Concen: 17.675 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion:	69	Resp:	100095
Ion	Ratio	Lower	Upper
69	100		
41	75.7	61.0	91.6
39	49.6	39.2	58.8





#57

1,3-Dichloropropane

Concen: 18.120 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tot Ion: 76 Resp: 118533

Ion Ratio Lower Upper

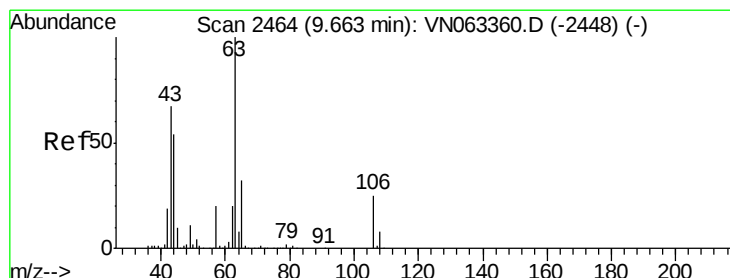
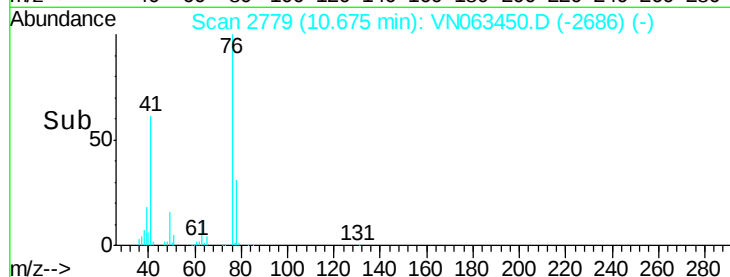
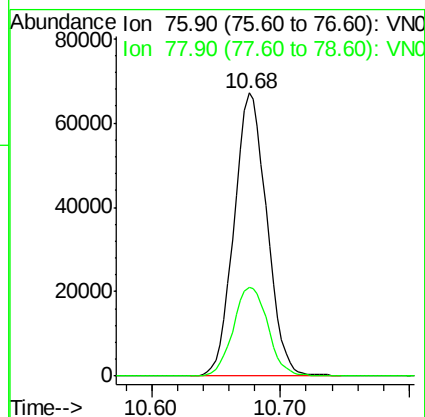
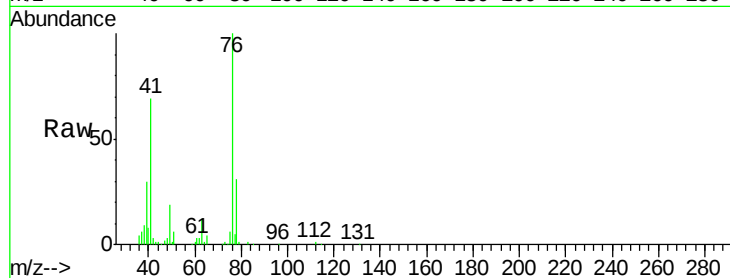
76 100

78 33.1 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 86.422 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063450.D

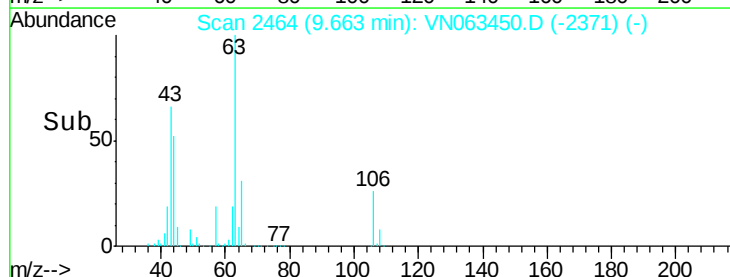
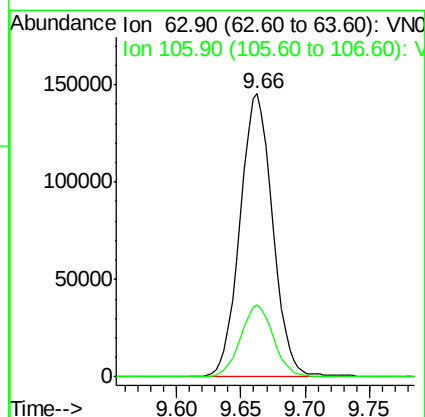
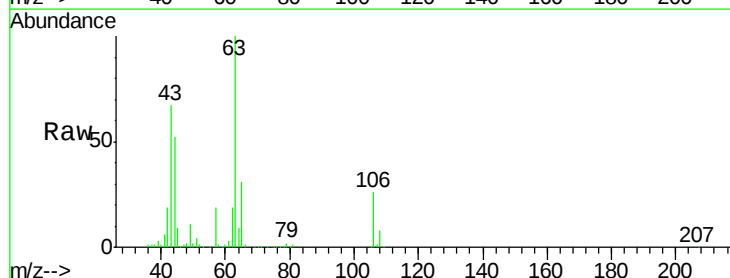
Acq: 18 Sep 2020 12:09

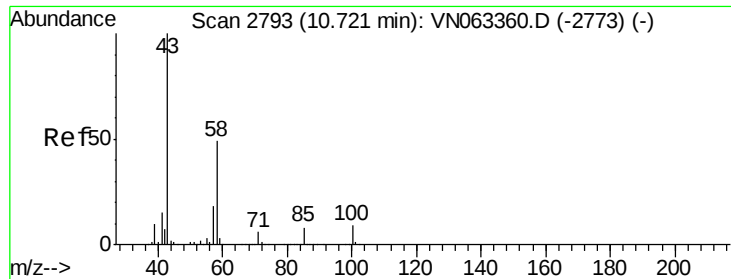
Tgt Ion: 63 Resp: 256735

Ion Ratio Lower Upper

63 100

106 25.7 19.5 29.3





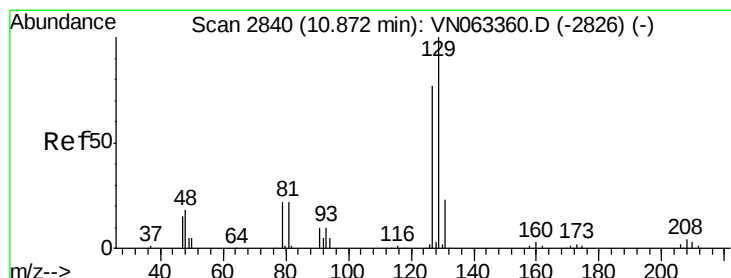
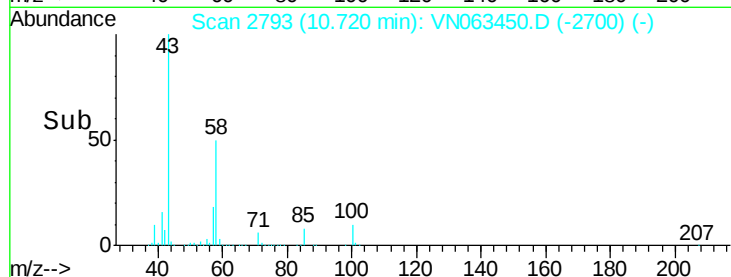
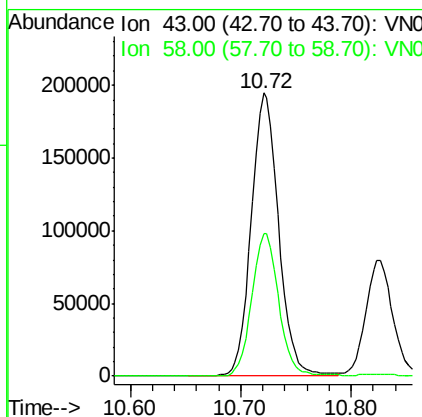
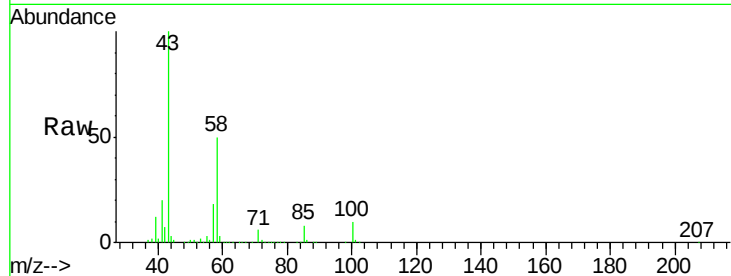
#59
2-Hexanone
Concen: 87.861 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion: 43 Resp: 332771
Ion Ratio Lower Upper
43 100
58 50.1 24.7 74.1

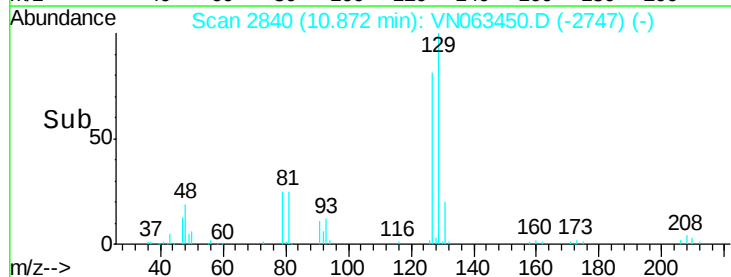
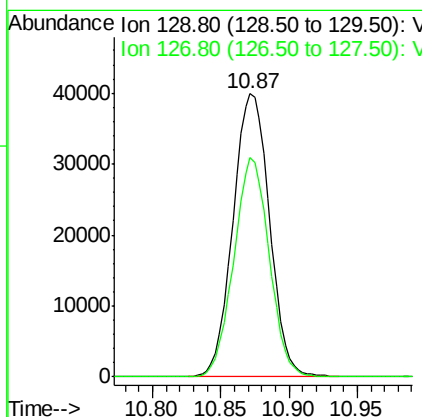
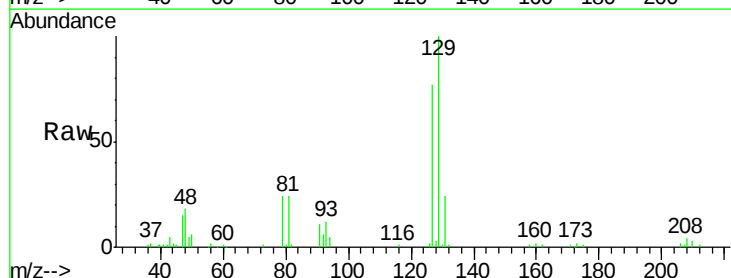
Manual Integrations
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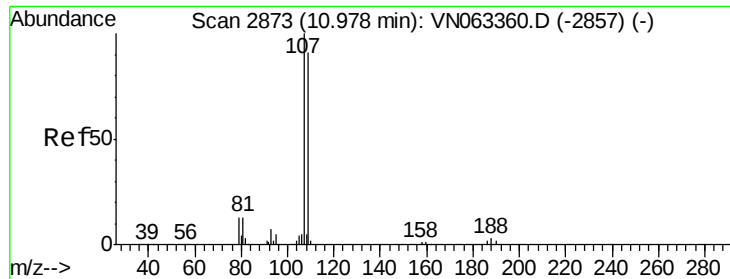
MMDadoda
9/21/2020 11:49:41 AM



#60
Dibromochloromethane
Concen: 18.128 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion: 129 Resp: 74293
Ion Ratio Lower Upper
129 100
127 74.8 39.1 117.3





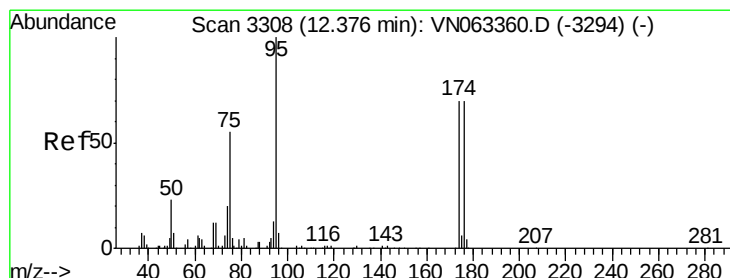
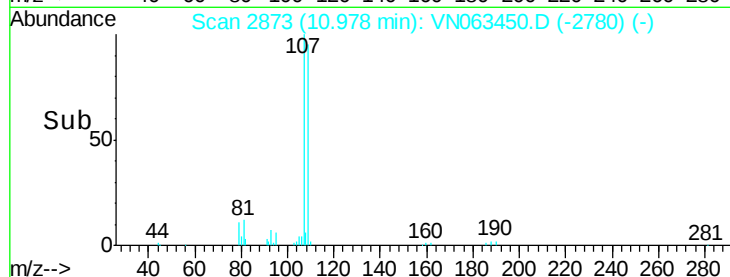
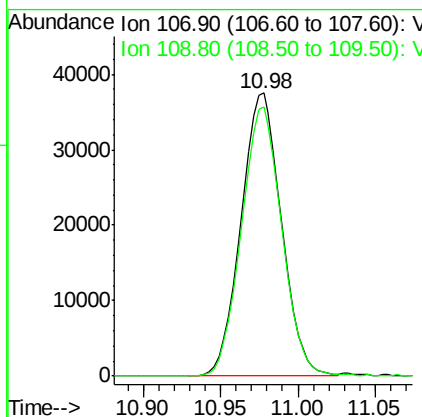
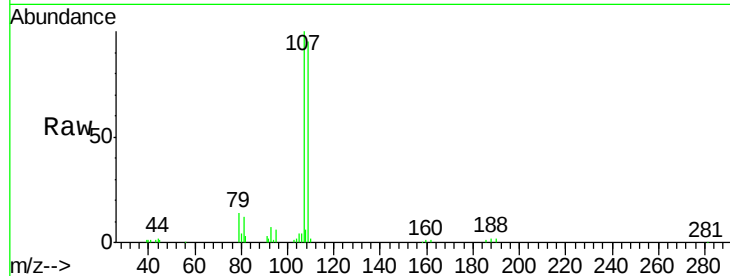
#61
 1,2-Dibromoethane
 Concen: 18.063 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.6	111.8

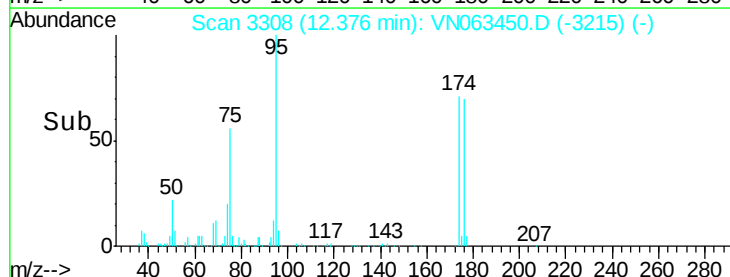
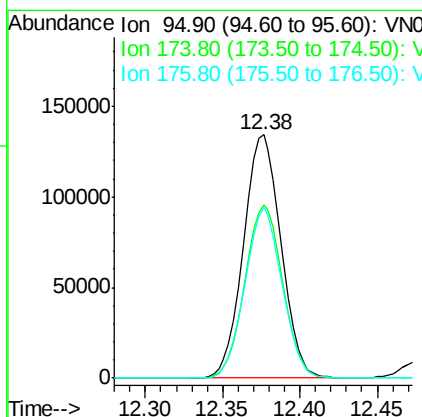
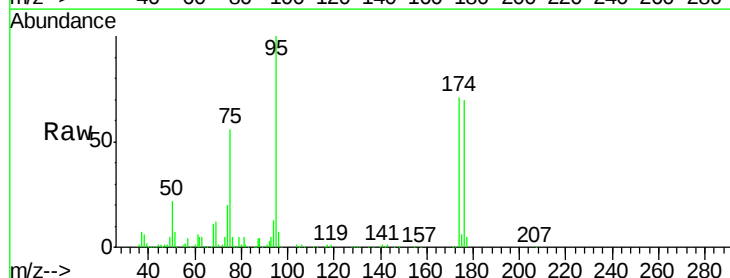
Manual Integrations
 APPROVED

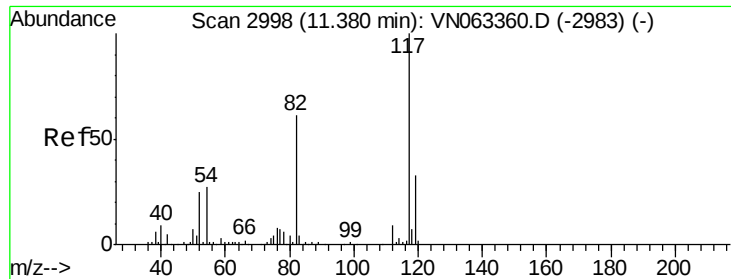
MMDadoda
 9/21/2020 11:49:41 AM



#62
 4-Bromofluorobenzene
 Concen: 47.587 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	140.8
176	69.5	0.0	137.6





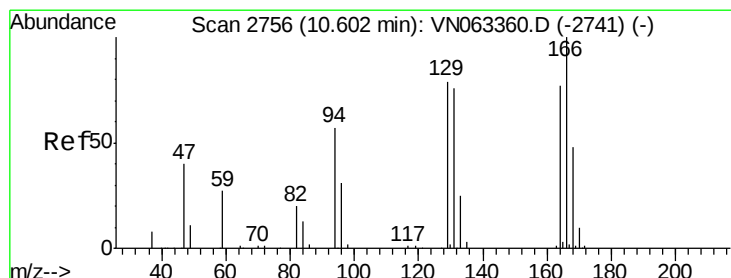
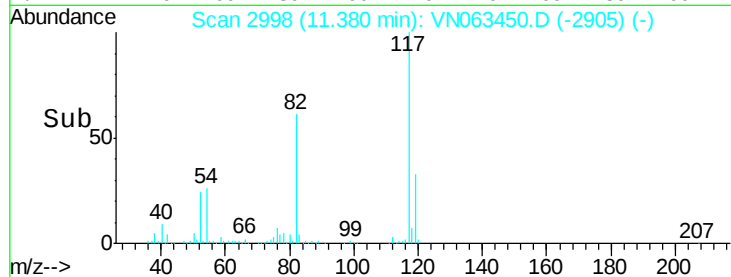
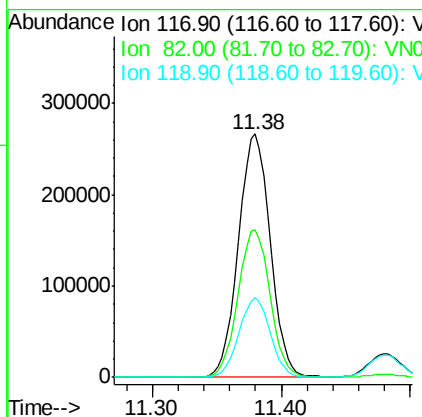
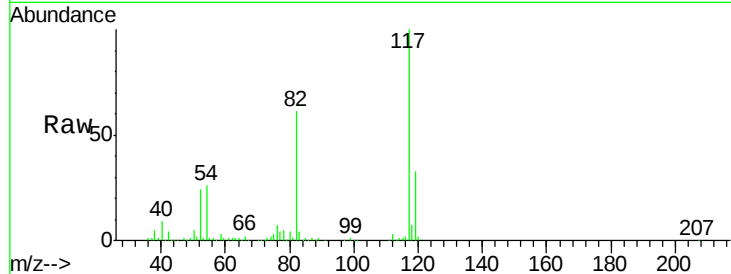
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	459293		
82	60.9		49.2	73.8
119	32.5		26.2	39.4

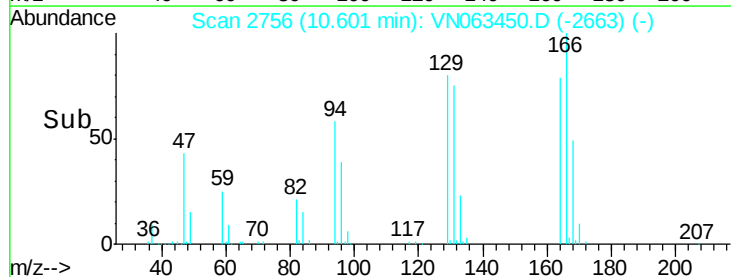
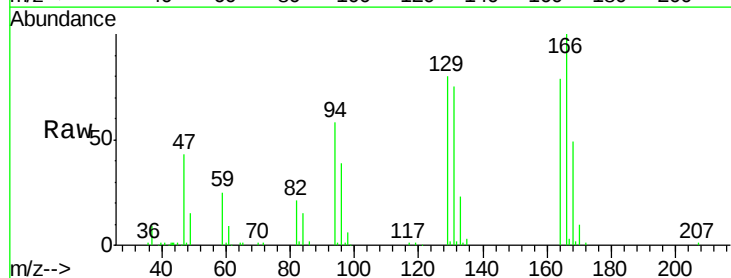
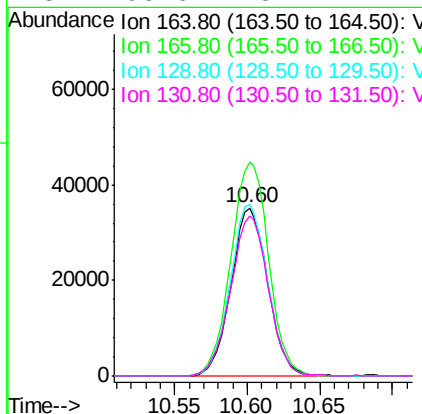
Manual Integrations
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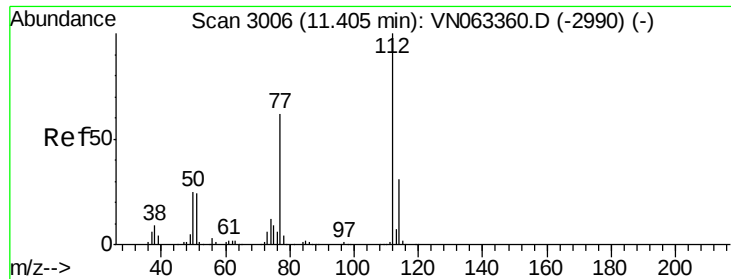
MMDadoda
9/21/2020 11:49:41 AM



#64
Tetrachloroethene
Concen: 19.706 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61629		
166	127.2		103.4	155.0
129	102.1		81.8	122.6
131	95.6		78.2	117.4





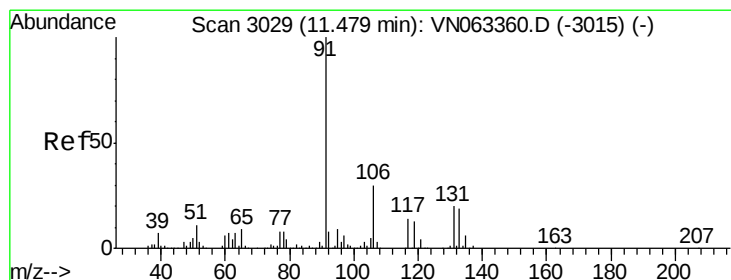
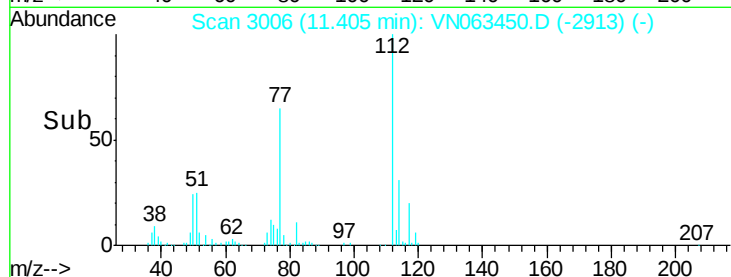
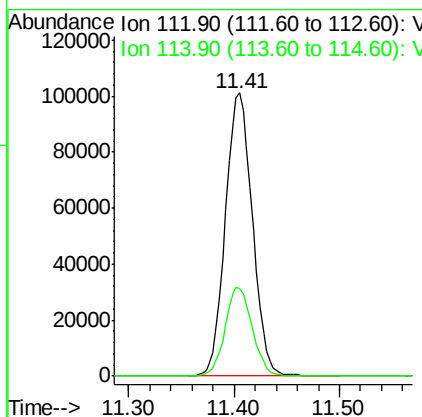
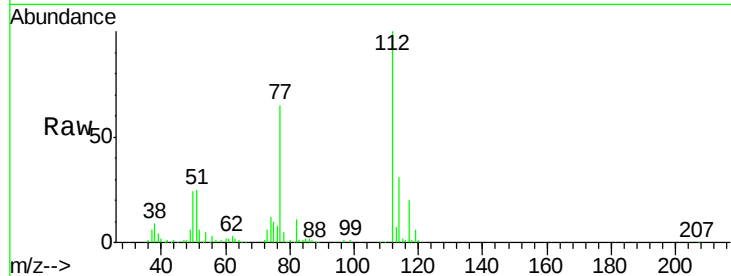
#65
Chlorobenzene
Concen: 18.364 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion:112 Resp: 179041
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.6

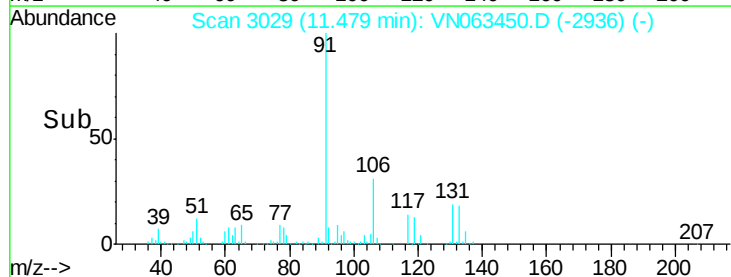
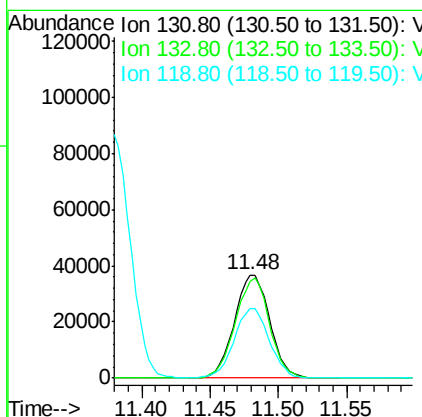
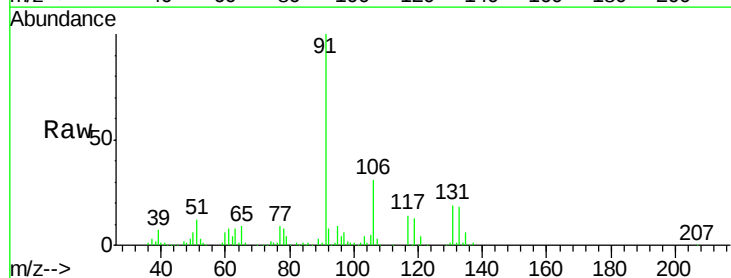
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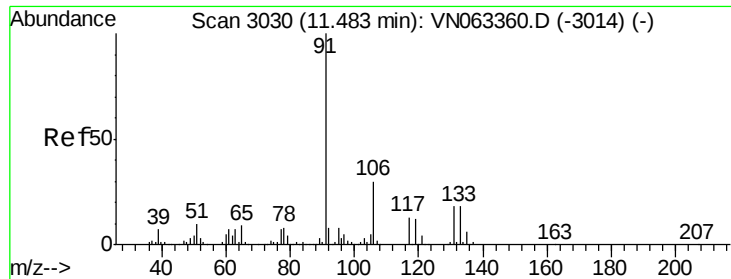
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.530 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion:131 Resp: 66222
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 67.1 33.6 100.8





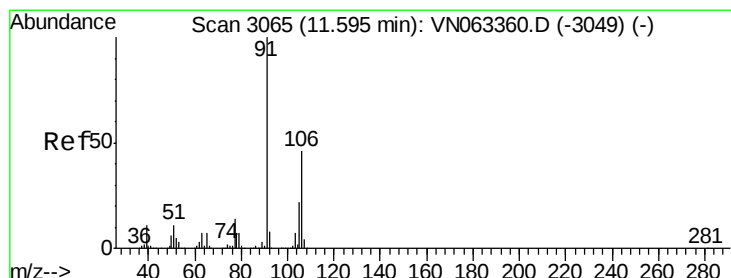
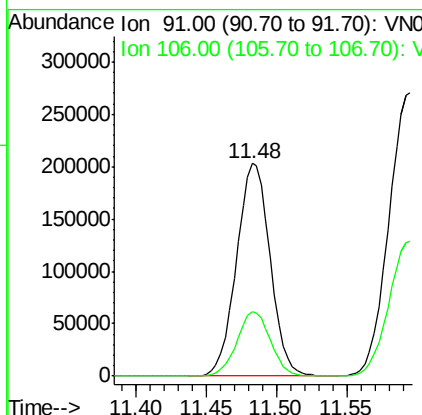
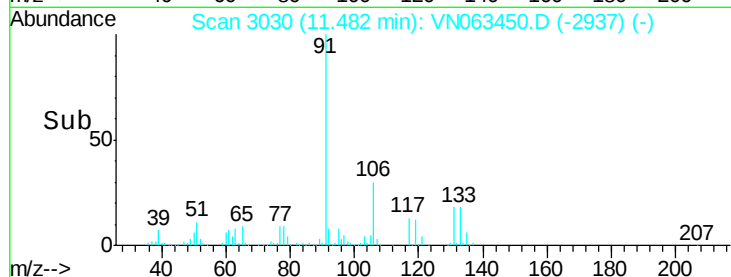
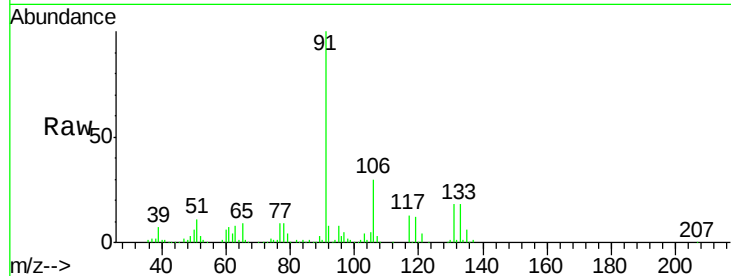
#67
Ethyl Benzene
Concen: 18.490 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampled :
VN0918WBS01

Tot Ion: 91 Resp: 339487
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

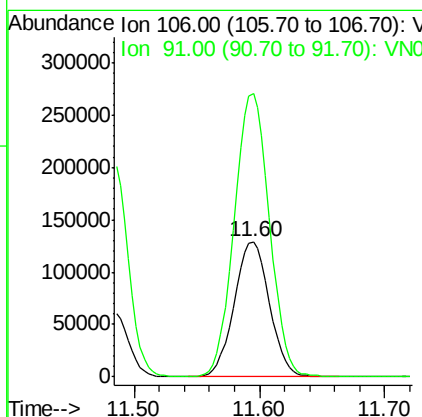
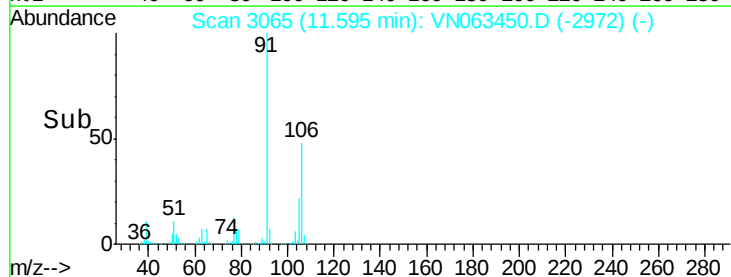
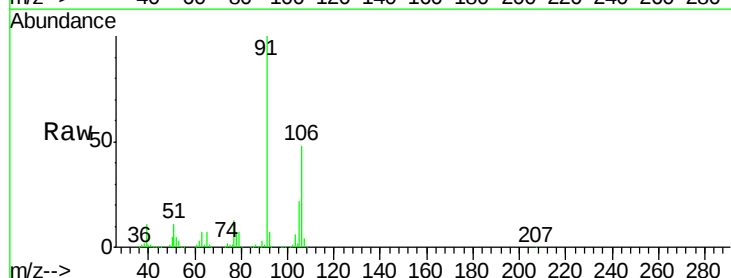
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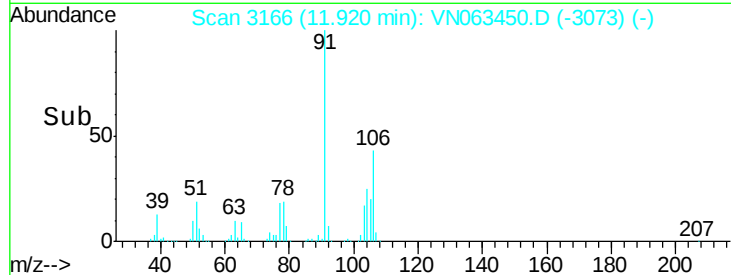
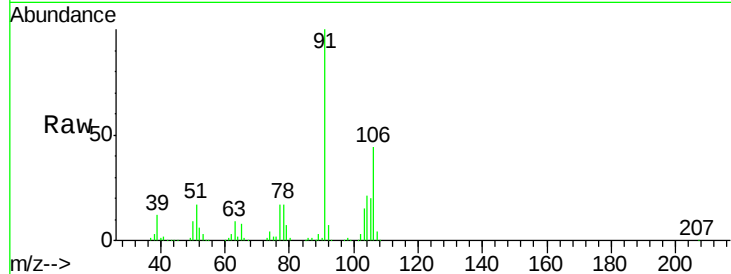
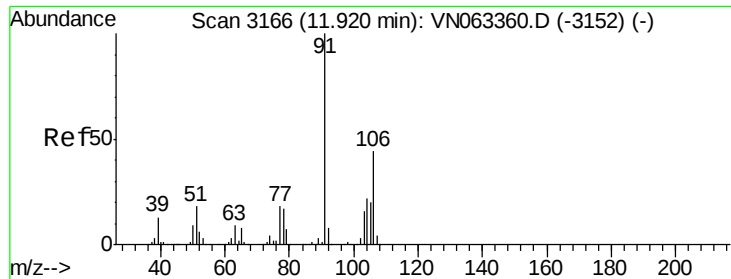
MMDadoda
9/21/2020 11:49:41 AM



#68
m/p-Xylenes
Concen: 37.961 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion: 106 Resp: 251296
Ion Ratio Lower Upper
106 100
91 208.3 171.2 256.8





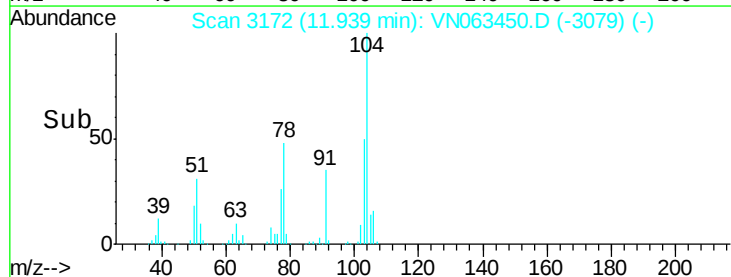
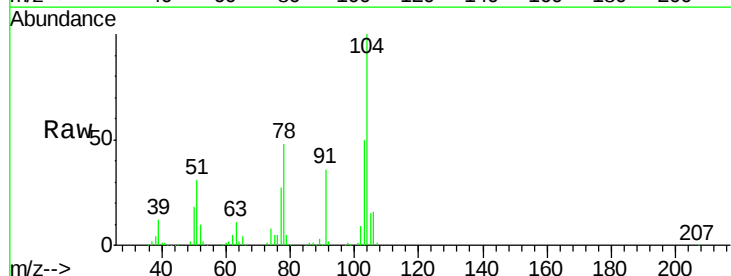
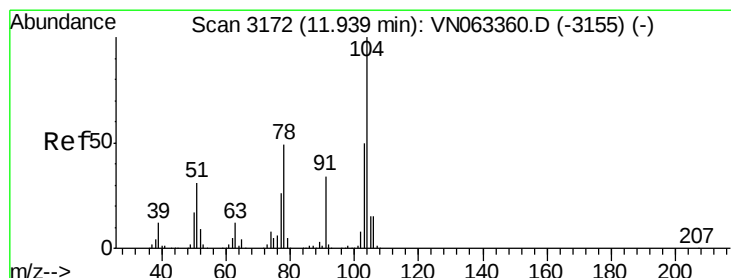
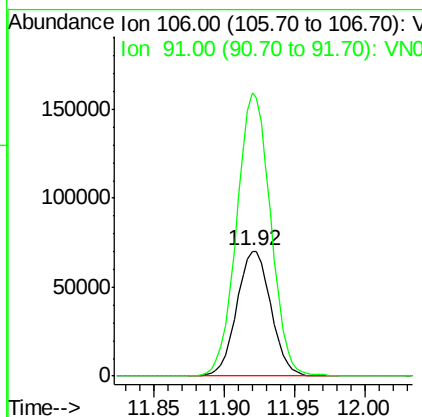
#69
o-Xylene
Concen: 18.917 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tot Ion:106 Resp: 119290
Ion Ratio Lower Upper
106 100
91 225.4 113.6 340.8

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

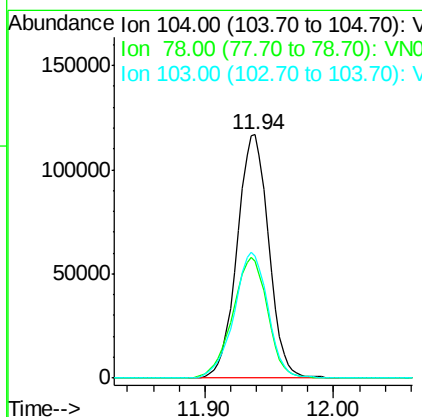
Manual Integrations
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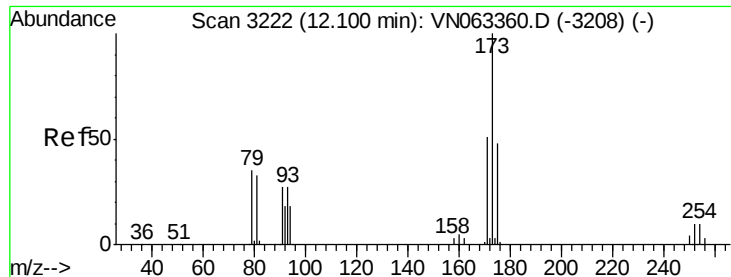
MMDadoda
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#70
Styrene
Concen: 18.899 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion:104 Resp: 199853
Ion Ratio Lower Upper
104 100
78 54.6 44.4 66.6
103 55.3 43.7 65.5





#71

Bromoform

Concen: 17.494 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tot Ion:173 Resp: 46575

Ion Ratio Lower Upper

173 100

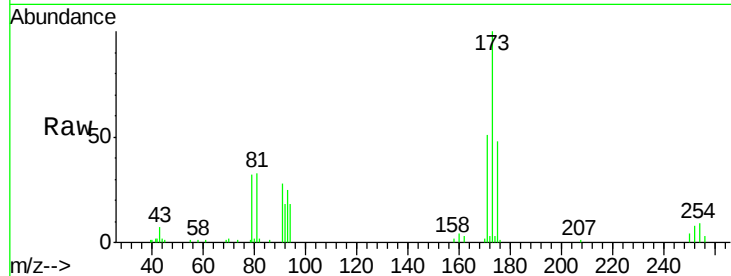
175 47.7 24.0 72.0

254 0.0 0.0 0.0

Manual Integrations
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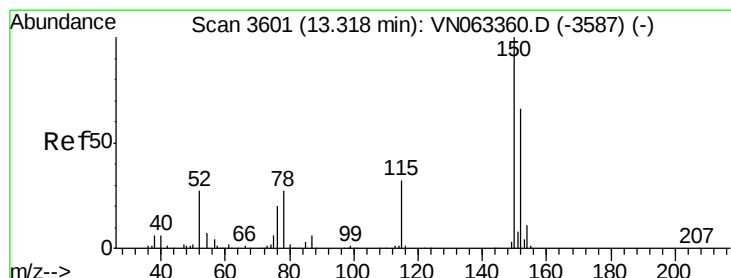
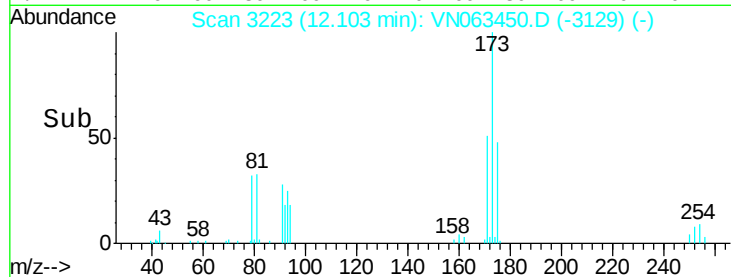
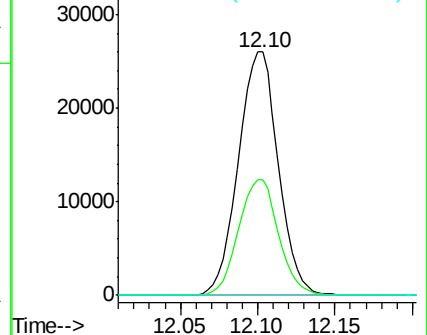
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 3601

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

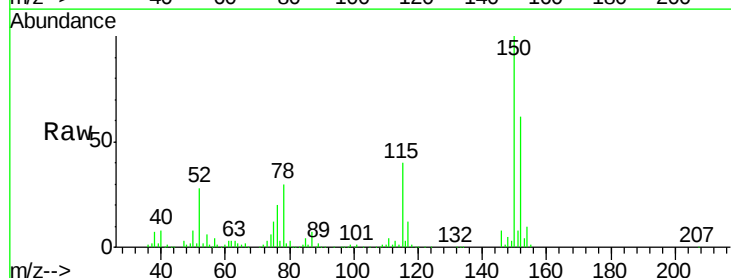
Tgt Ion:152 Resp: 214385

Ion Ratio Lower Upper

152 100

115 63.2 32.2 96.6

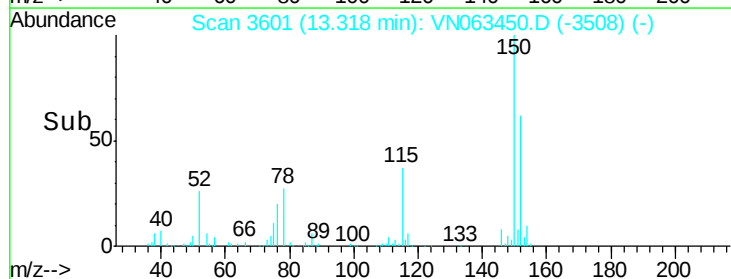
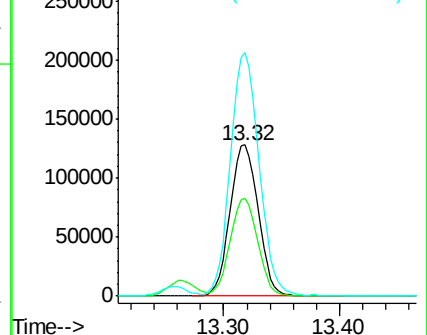
150 163.0 0.0 343.4

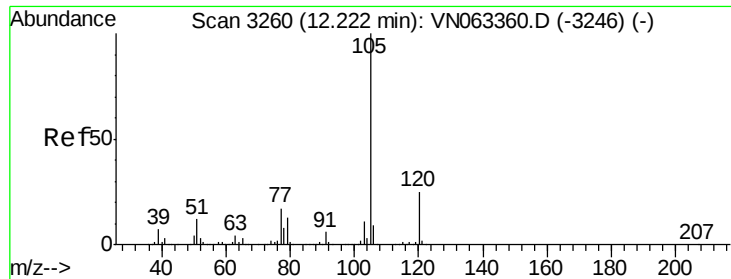


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





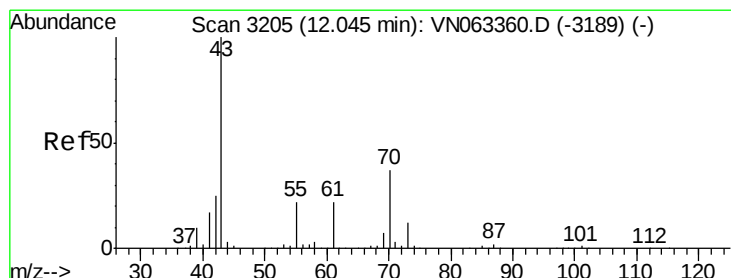
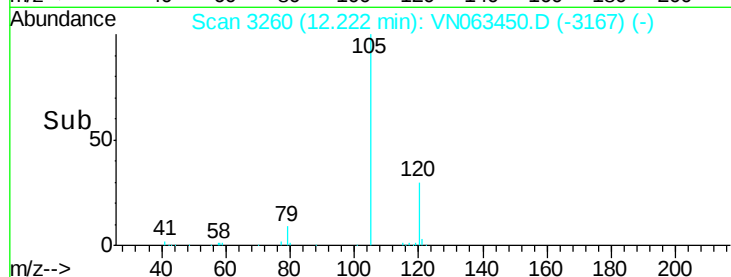
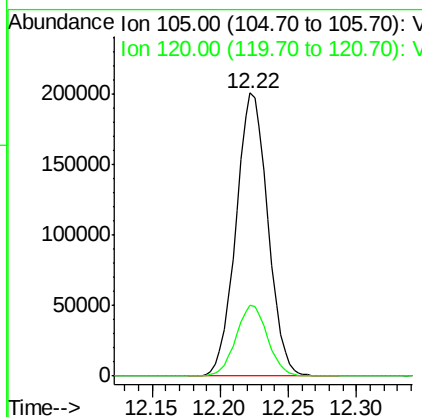
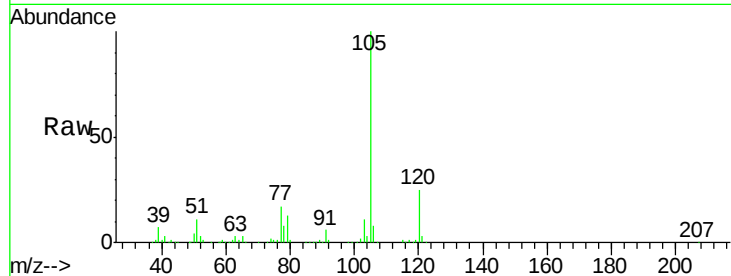
#73
Isopropylbenzene
Concen: 18.918 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampled :
VN0918WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	24.8	12.7	38.0

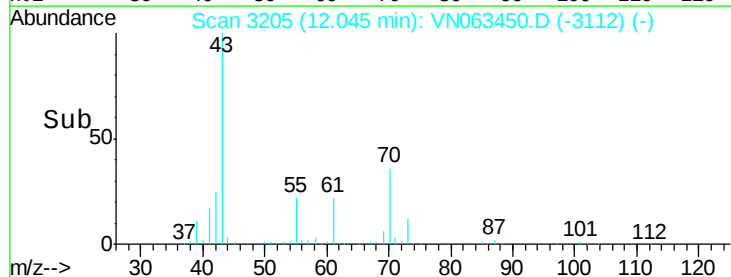
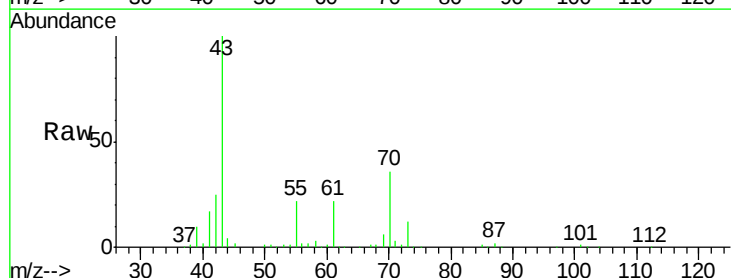
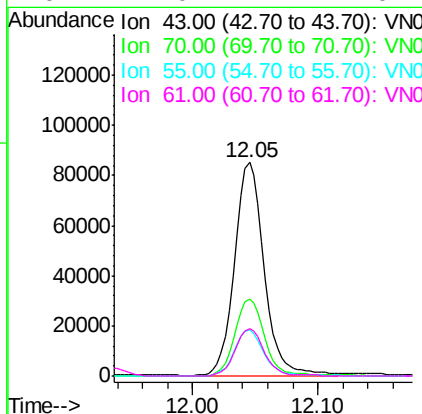
Manual Integrations
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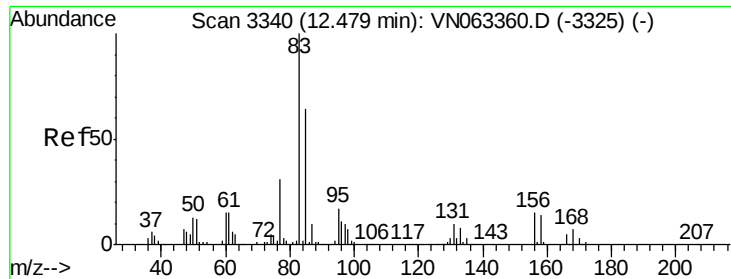
MMDadoda
9/21/2020 11:49:41 AM



#74
N-ethyl acetate
Concen: 17.120 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.1	29.6	44.4
55	21.8	17.7	26.5
61	22.0	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.949 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

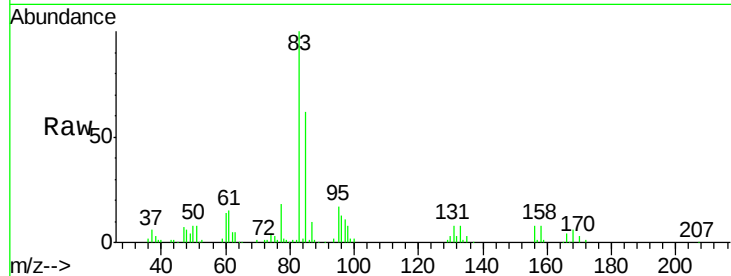
ClientSampleId :

VN0918WBS01

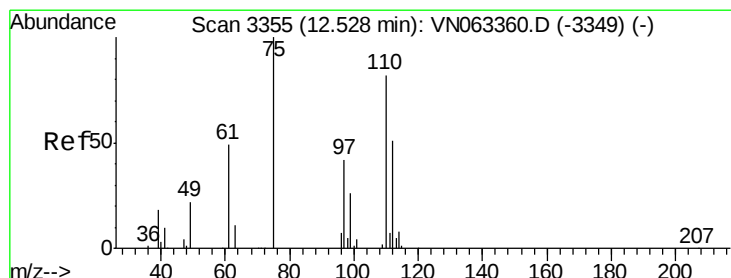
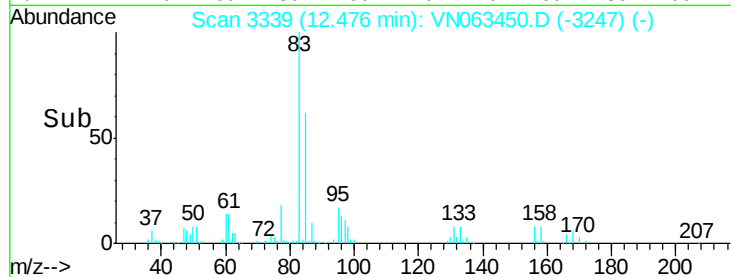
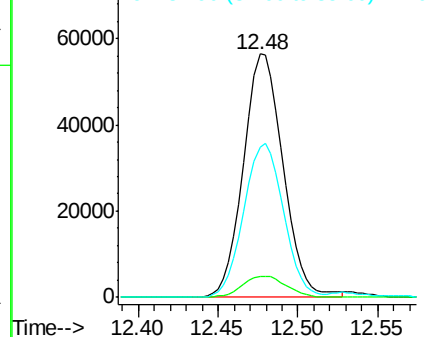
Tot Ion:	83	Resp:	95477
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	63.5	32.0	96.0

Manual Integrations
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MMDadoda
9/21/2020 11:49:41 AM



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 17.231 ug/l m

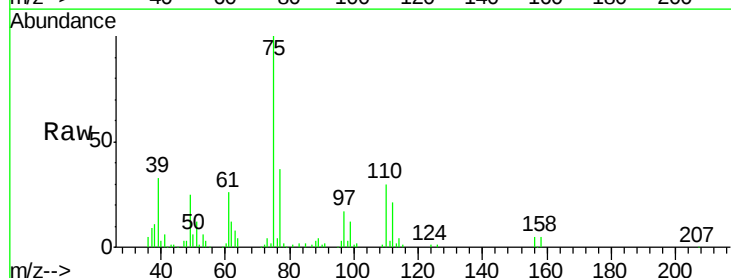
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

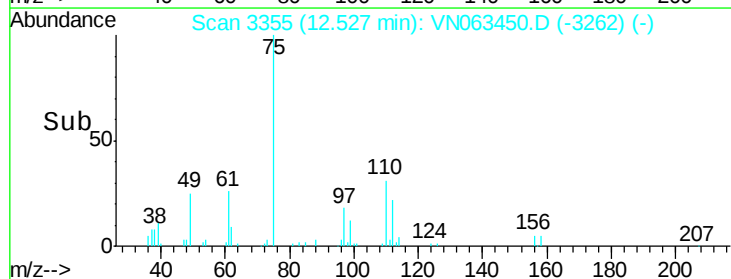
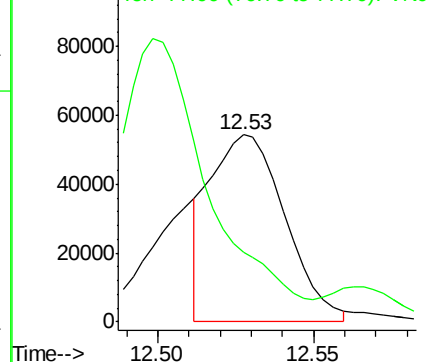
Lab File: VN063450.D

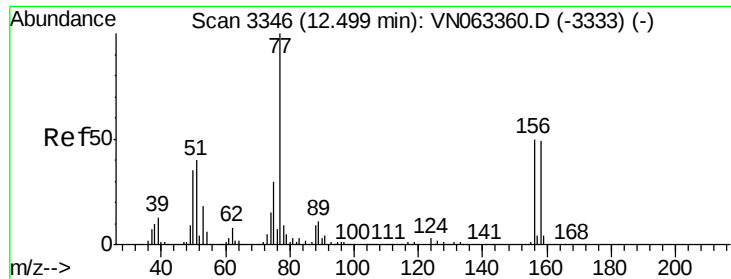
Acq: 18 Sep 2020 12:09

Tgt Ion:	75	Resp:	91435
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 18.916 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

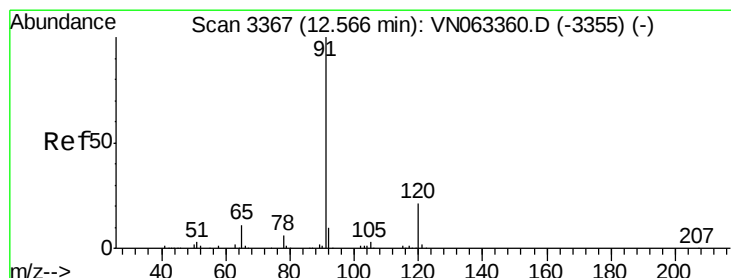
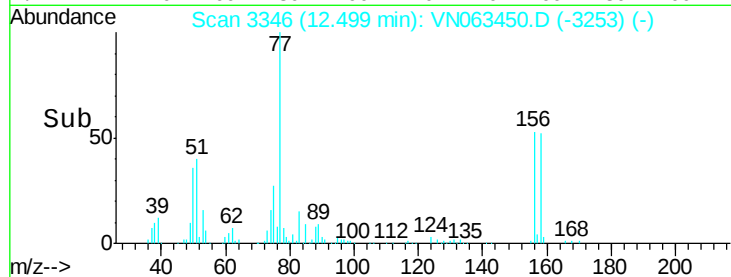
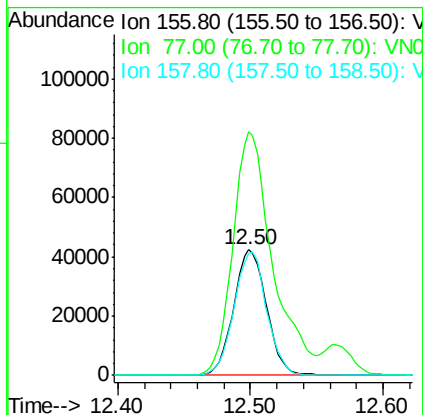
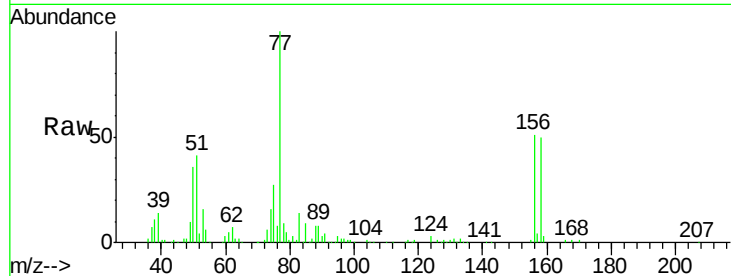
ClientSampleId :

VN0918WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	234.5	120.2	360.6
158	97.5	48.9	146.6

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#78

n-propylbenzene

Concen: 18.872 ug/l

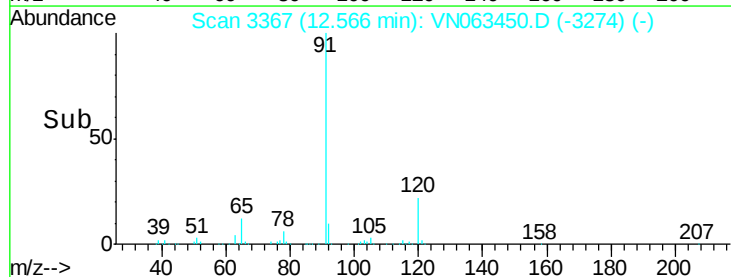
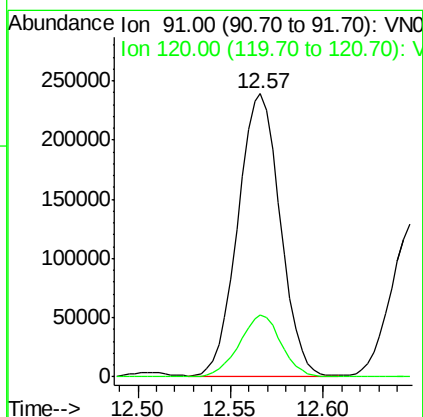
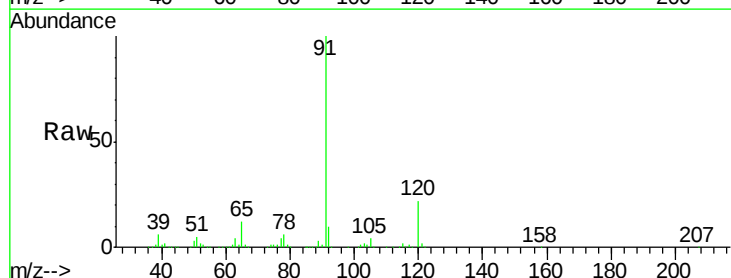
RT: 12.57 min Scan# 3367

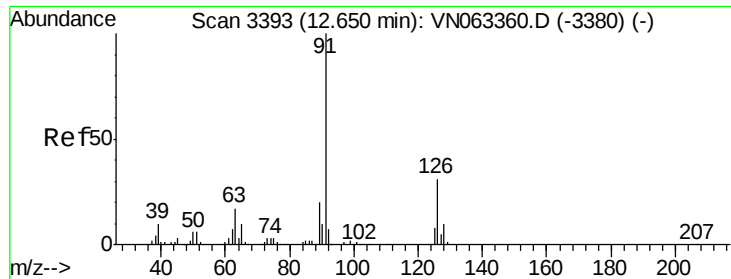
Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.3





#79

2-Chlorotoluene

Concen: 18.495 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tot Ion: 91 Resp: 221841

Ion Ratio Lower Upper

91 100

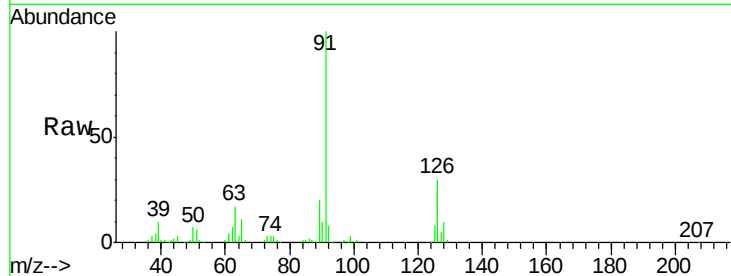
126 31.2 15.8 47.3

Manual Integrations

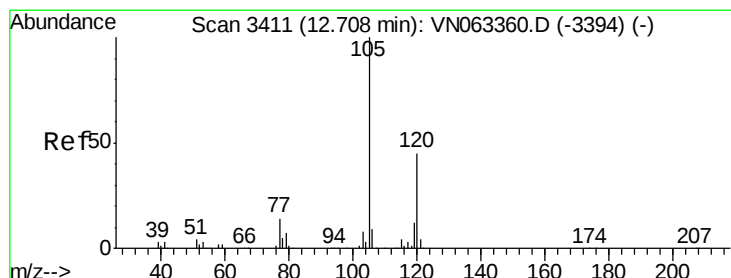
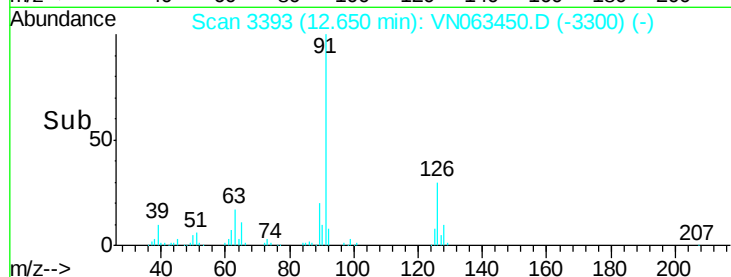
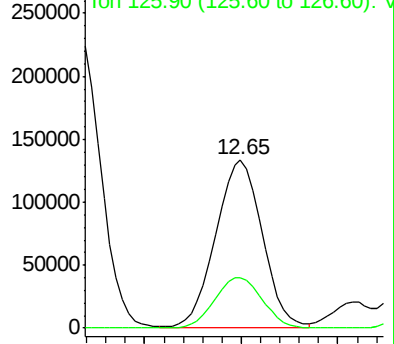
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Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.166 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063450.D

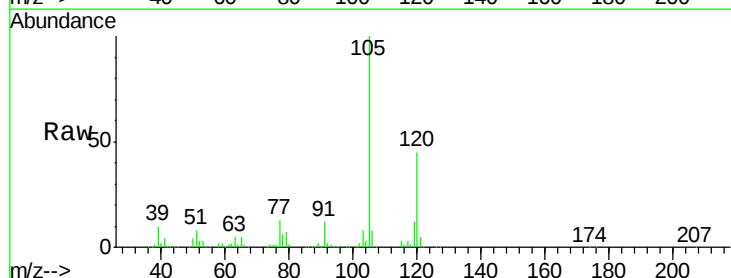
Acq: 18 Sep 2020 12:09

Tgt Ion: 105 Resp: 274571

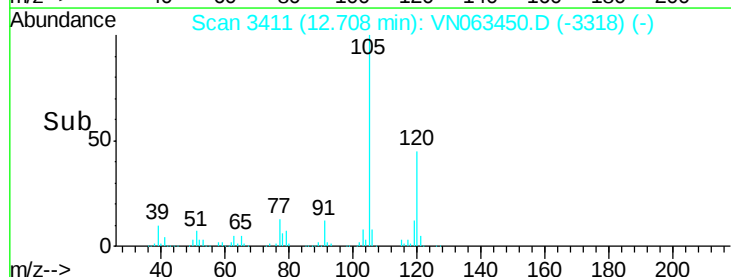
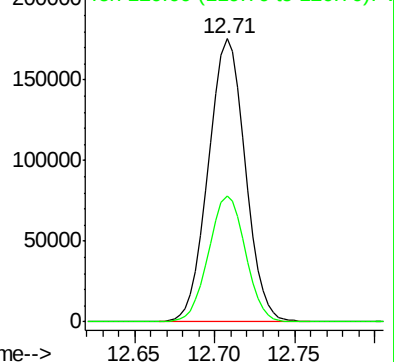
Ion Ratio Lower Upper

105 100

120 44.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.842 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tot Ion: 75 Resp: 32598

Ion Ratio Lower Upper

75 100

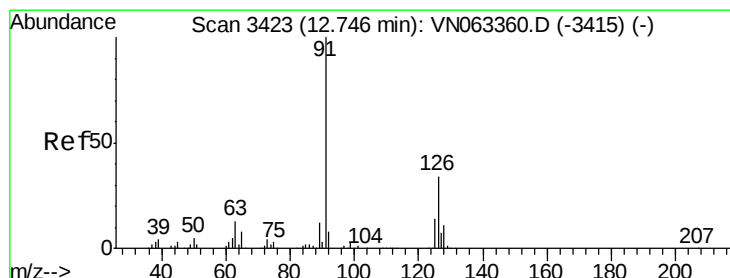
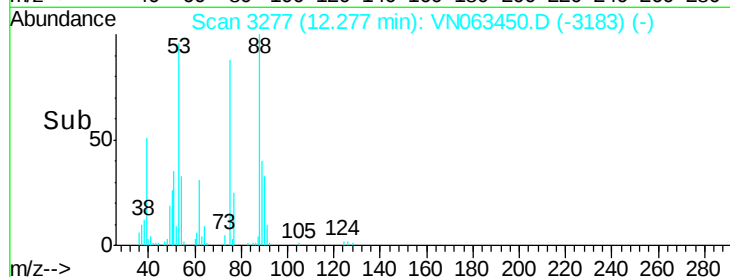
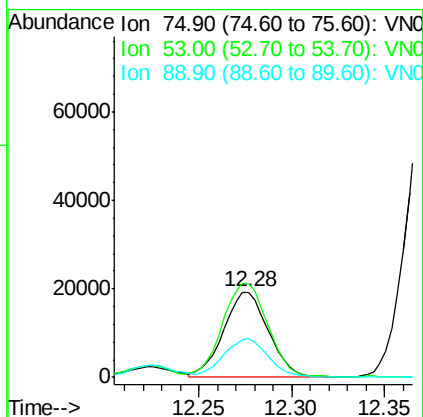
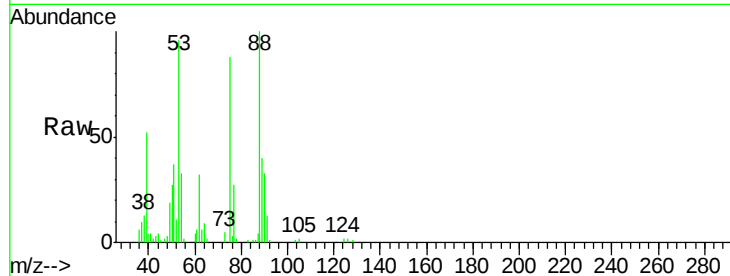
53 112.2 85.7 128.5

89 44.8 38.0 57.0

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#82

4-Chlorotoluene

Concen: 18.528 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063450.D

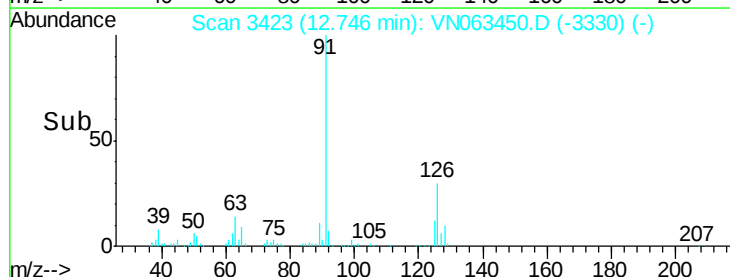
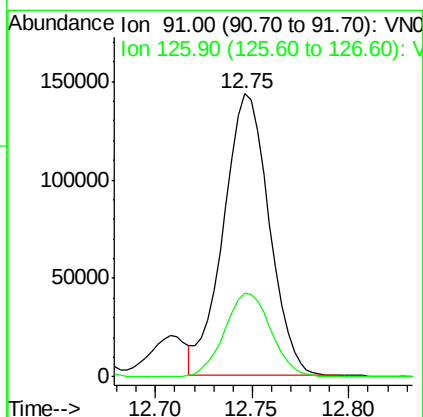
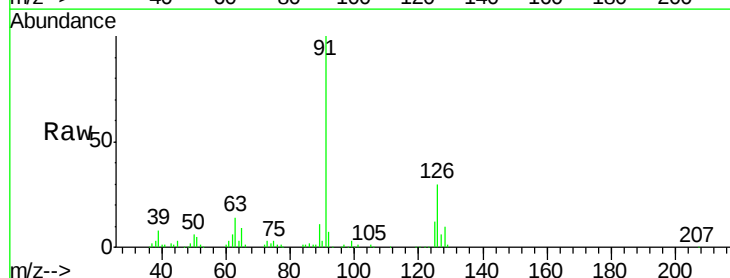
Acq: 18 Sep 2020 12:09

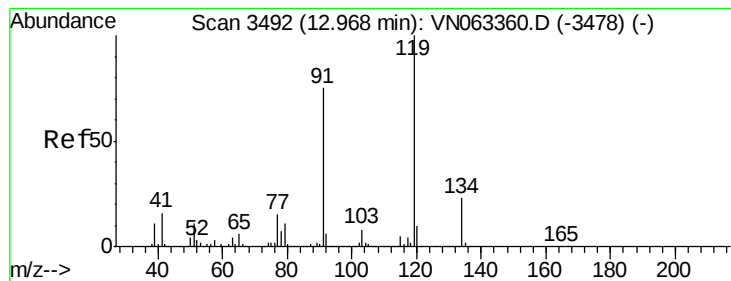
Tgt Ion: 91 Resp: 234814

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5





#83

tert-Butylbenzene

Concen: 18.724 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tot Ion:119 Resp: 221382
Ion Ratio Lower Upper

119 100

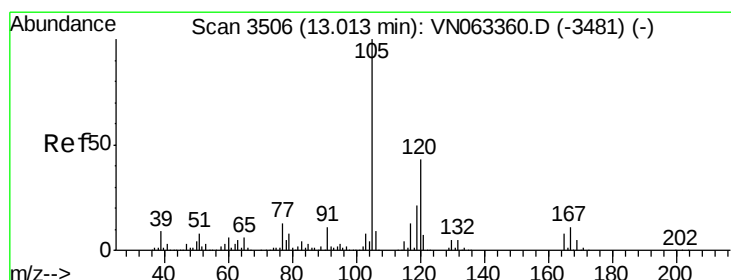
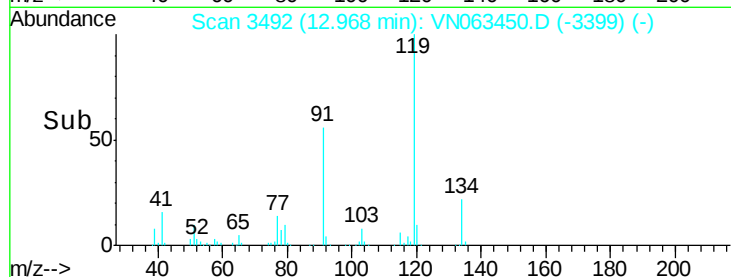
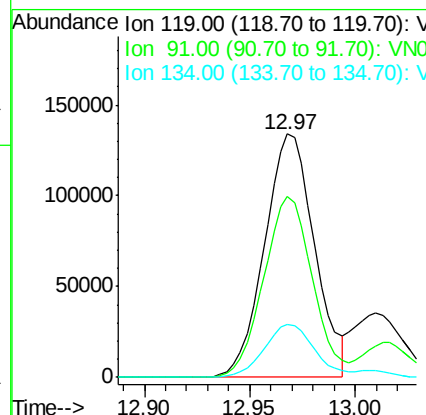
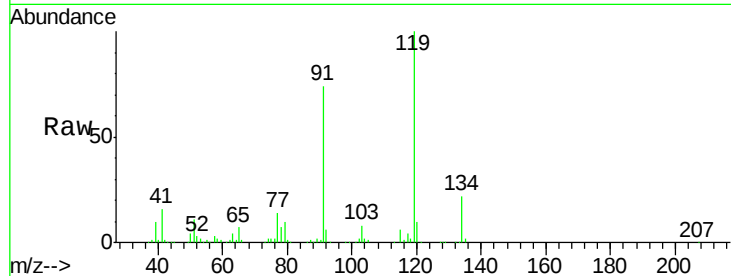
91 72.2 36.3 108.9

134 22.0 12.3 36.8

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#84

1,2,4-Trimethylbenzene

Concen: 18.962 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

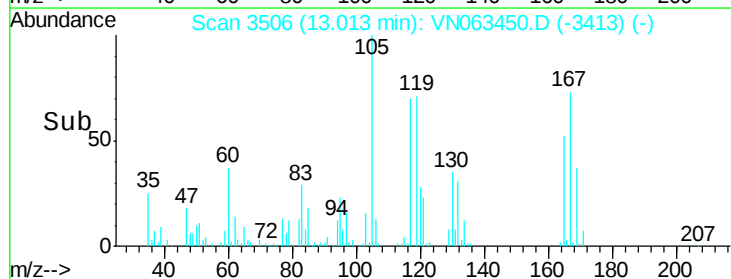
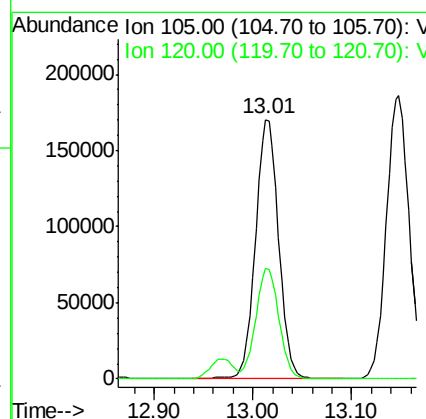
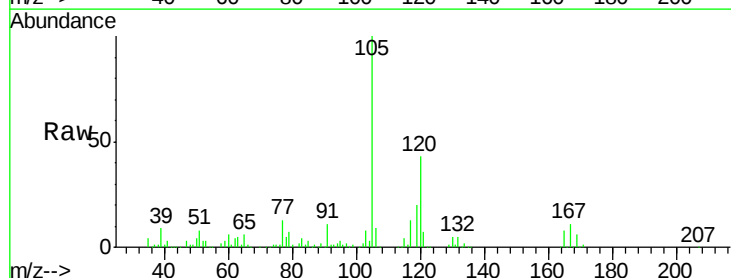
Lab File: VN063450.D

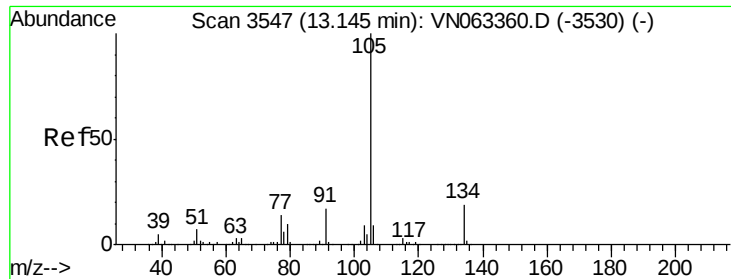
Acq: 18 Sep 2020 12:09

Tgt Ion:105 Resp: 274382
Ion Ratio Lower Upper

105 100

120 42.5 21.3 63.9





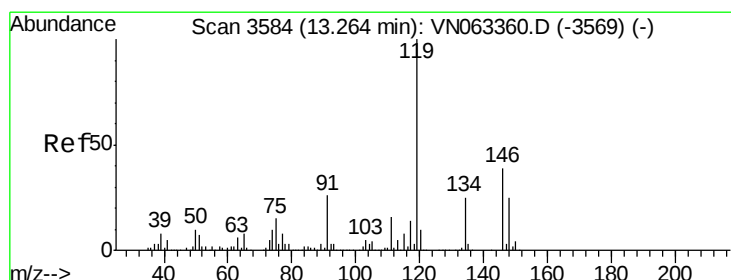
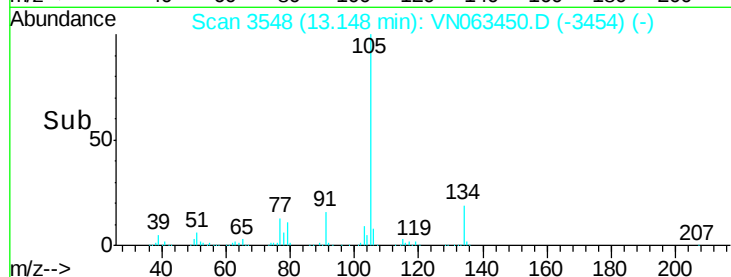
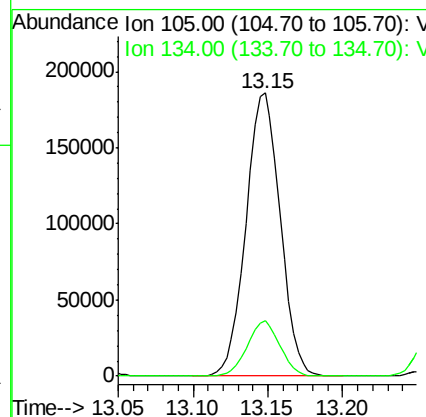
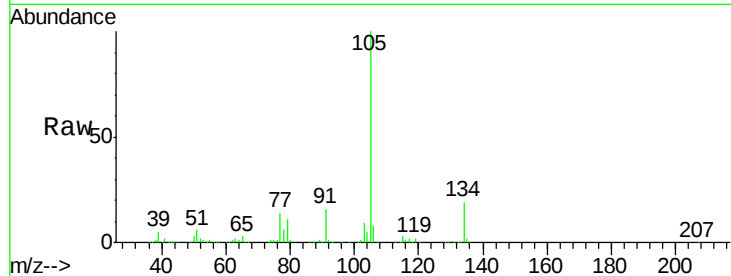
#85
 sec-Butylbenzene
 Concen: 18.656 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	295261		
134	18.7	9.3	27.7	

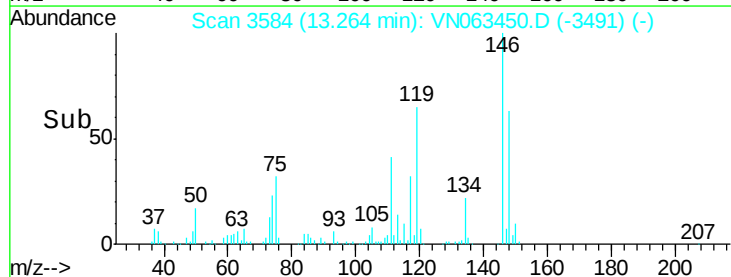
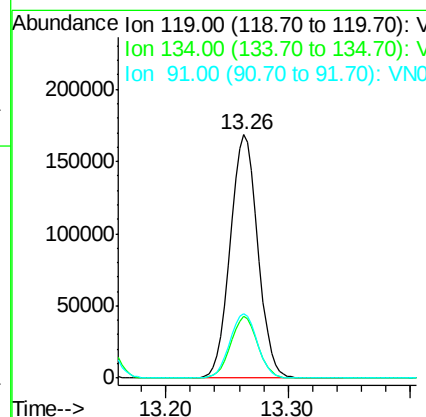
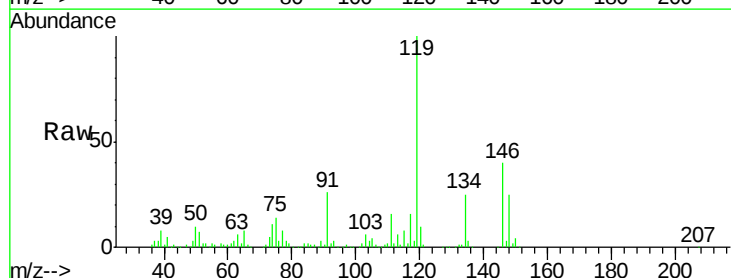
Manual Integrations
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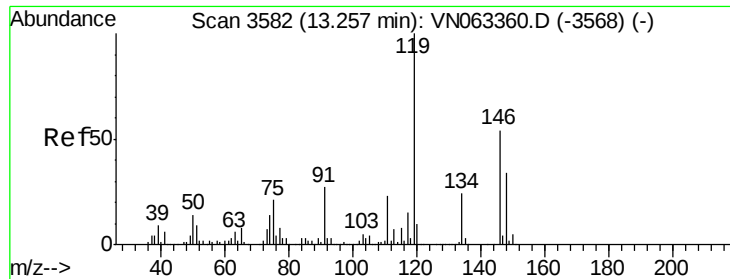
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#86
 p-Isopropyltoluene
 Concen: 19.207 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	268112		
134	24.8	12.5	37.5	
91	26.2	13.4	40.1	





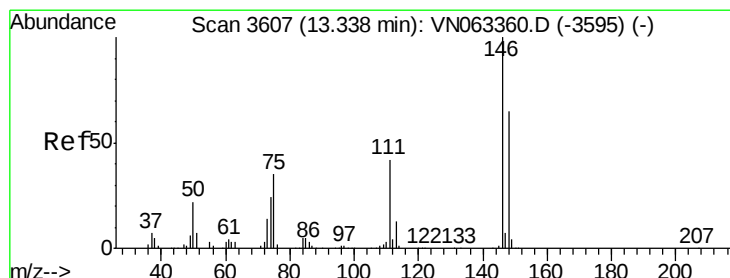
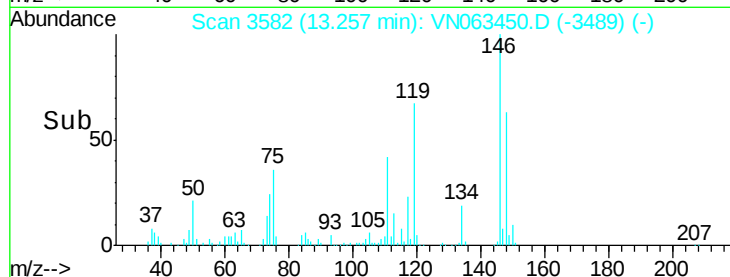
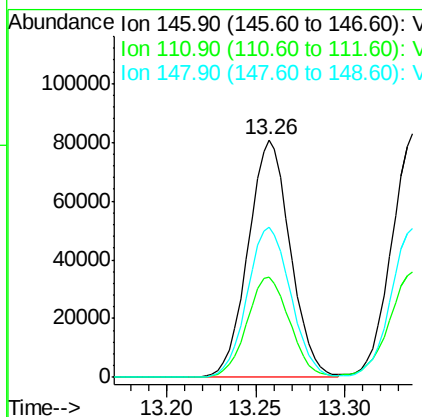
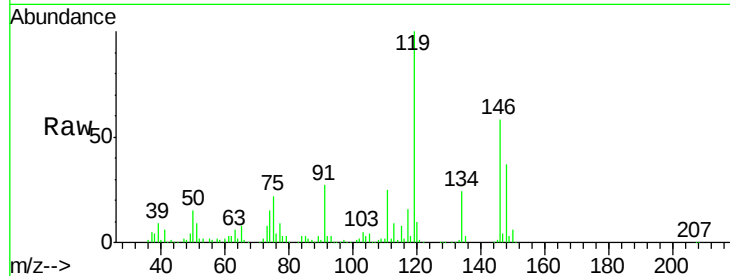
#87
 1,3-Dichlorobenzene
 Concen: 18.669 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	65.0	31.9	95.7

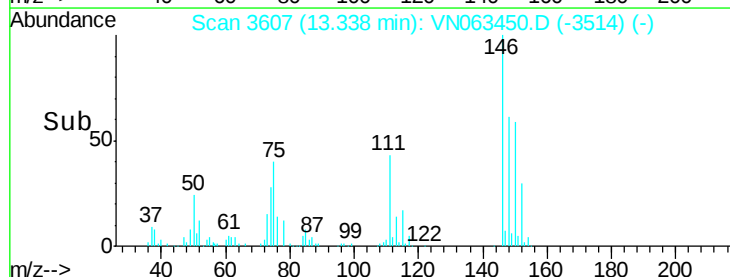
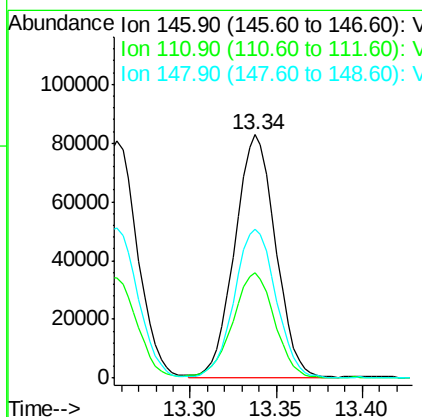
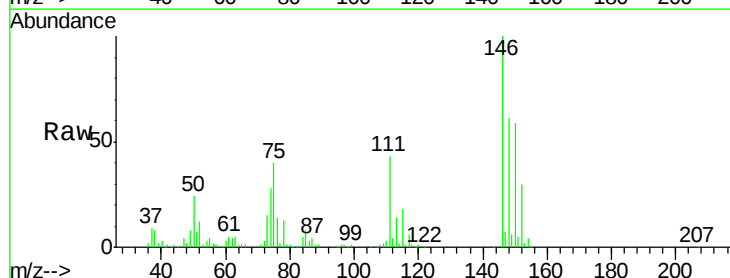
Manual Integrations
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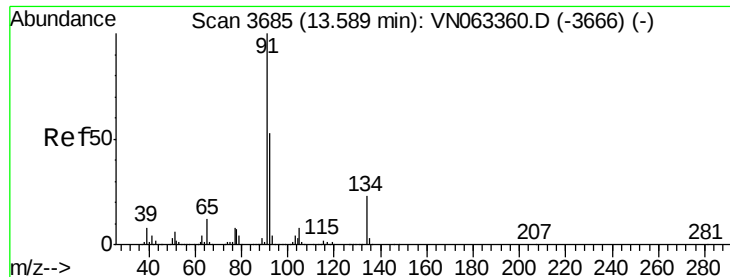
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#88
 1,4-Dichlorobenzene
 Concen: 18.658 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.2	63.6
148	62.6	31.9	95.9





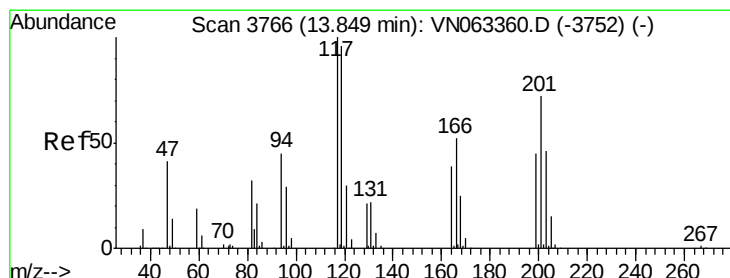
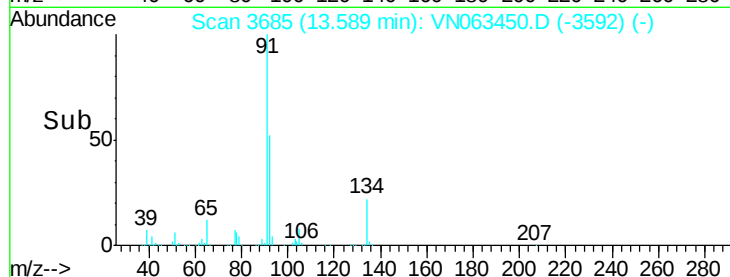
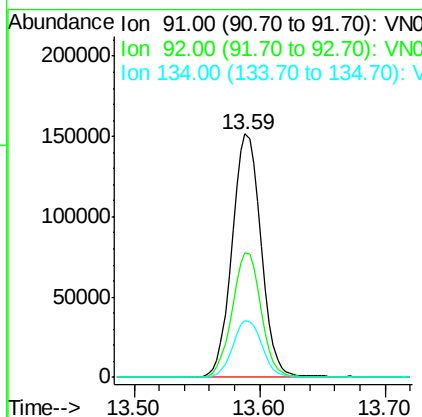
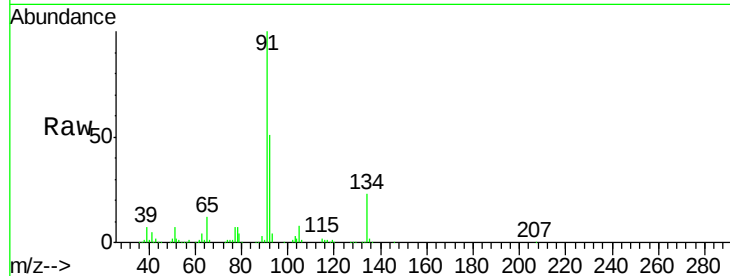
#89
n-Butylbenzene
Concen: 18.958 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	26.0	78.0
134	23.6	11.7	35.0

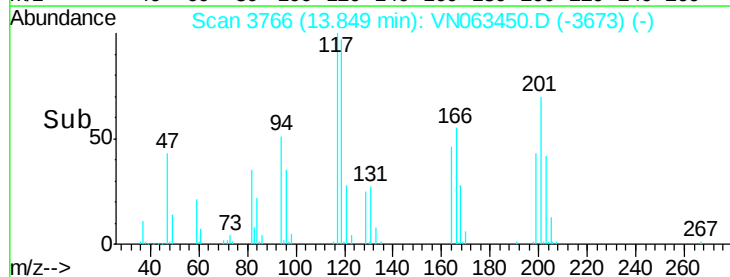
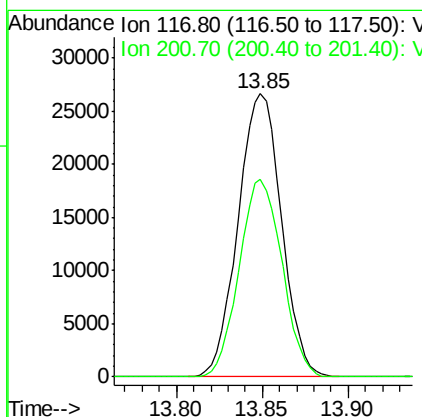
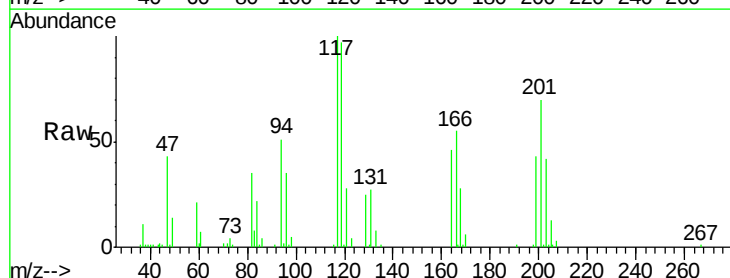
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#90
Hexachloroethane
Concen: 17.534 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063450.D
Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.8	35.5	106.7





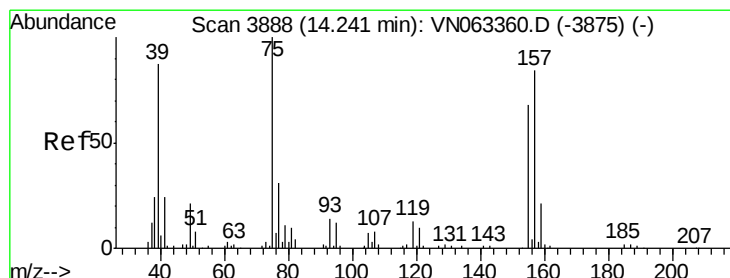
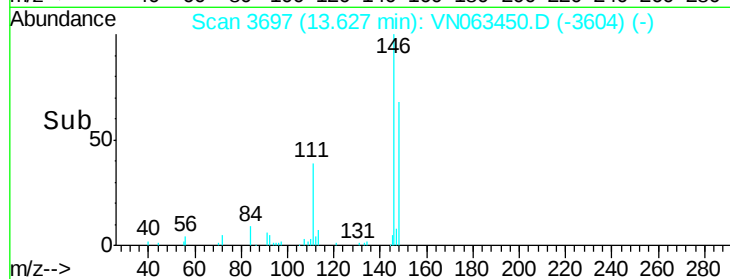
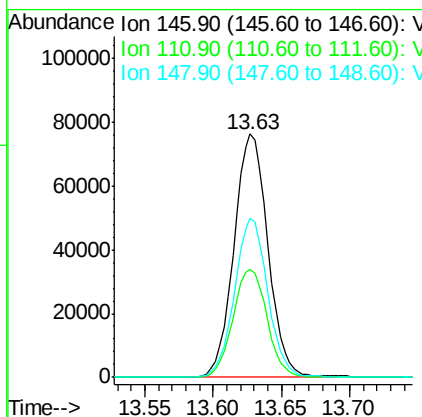
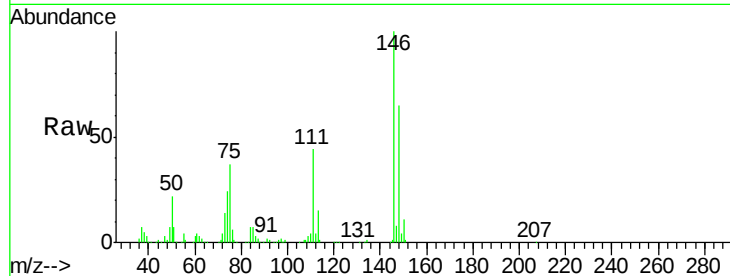
#91
 1,2-Dichlorobenzene
 Concen: 18.752 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
 MSVOA_N
 ClientSampled :
 VN0918WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.4	67.2
148	63.8	32.0	96.0

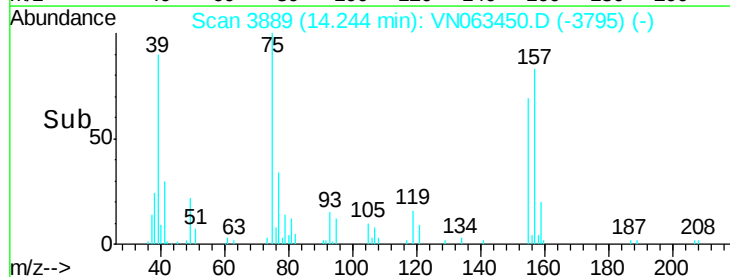
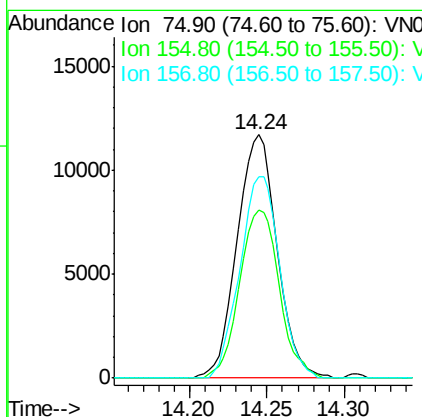
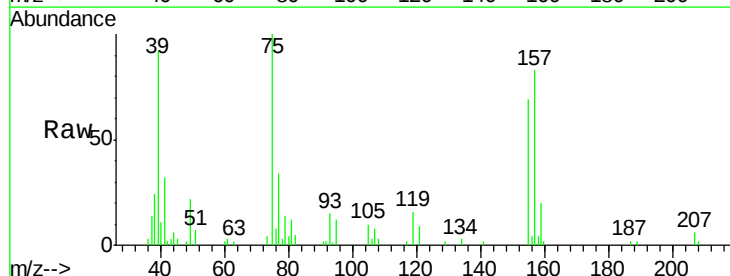
Manual Integrations
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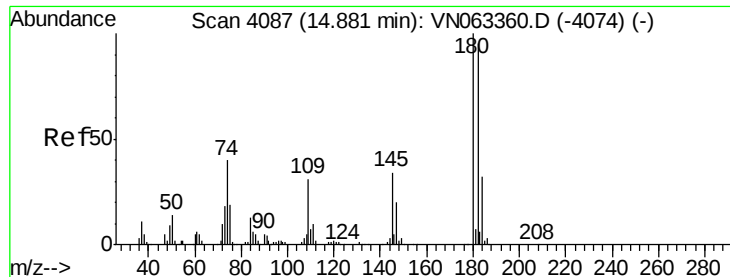
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.638 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.6	34.6	103.9
157	82.3	43.7	131.1





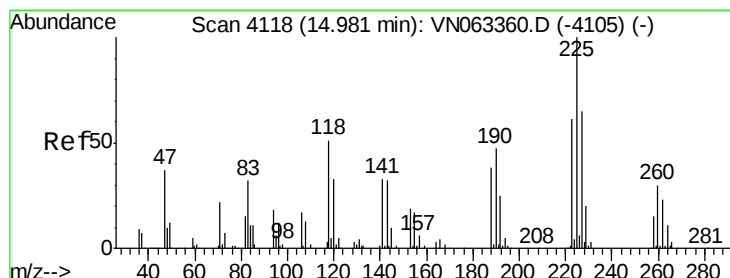
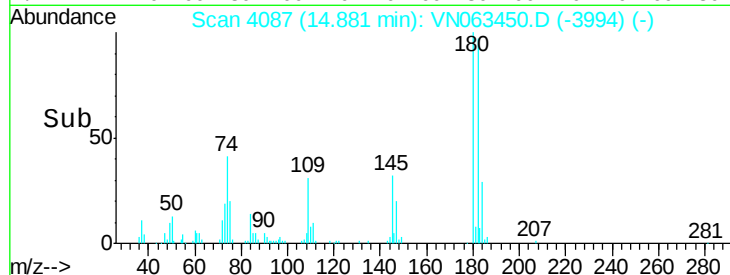
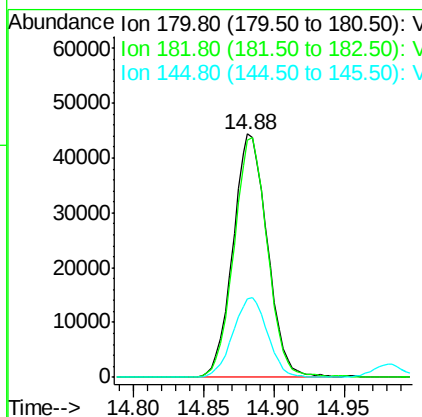
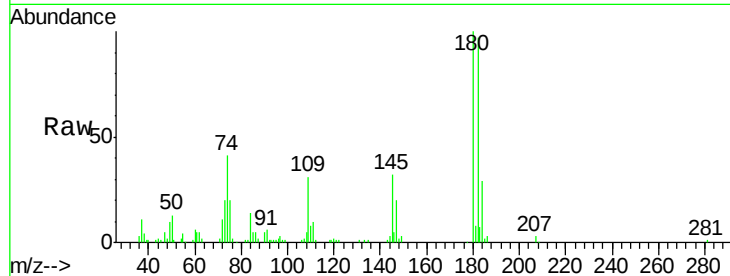
#93
 1,2,4-Trichlorobenzene
 Concen: 18.251 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	33.0	16.6	49.7

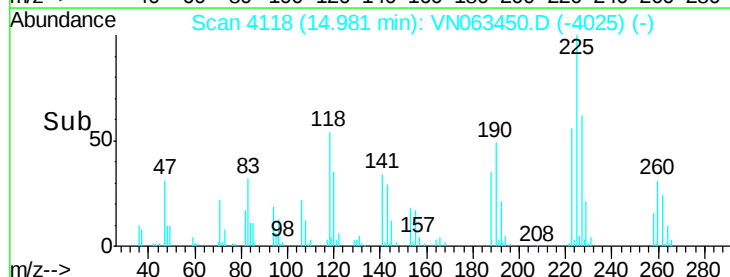
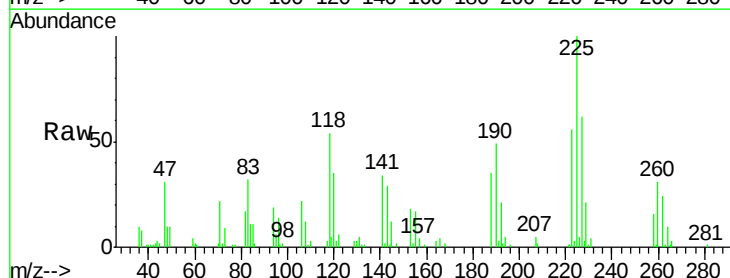
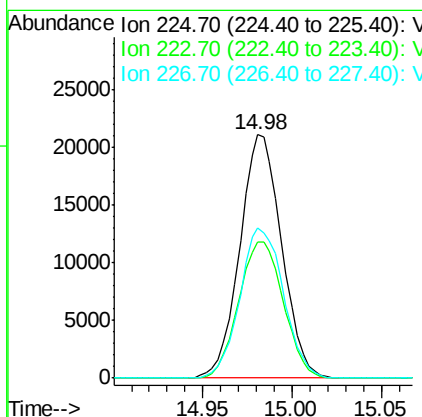
Manual Integrations
 APPROVED

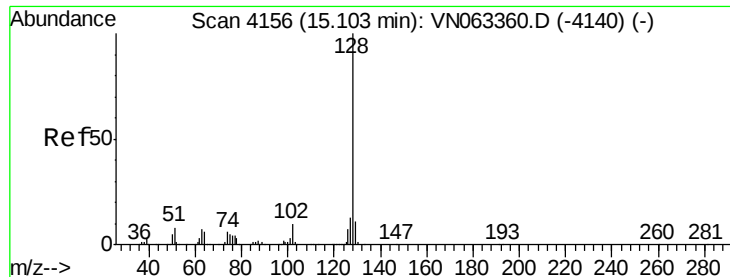
MMDadoda
 9/21/2020 11:49:41 AM



#94
 Hexachlorobutadiene
 Concen: 20.008 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063450.D
 Acq: 18 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	30.6	91.6
227	64.3	31.2	93.6





#95

Naphthalene

Concen: 17.432 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Instrument :

MSVOA_N

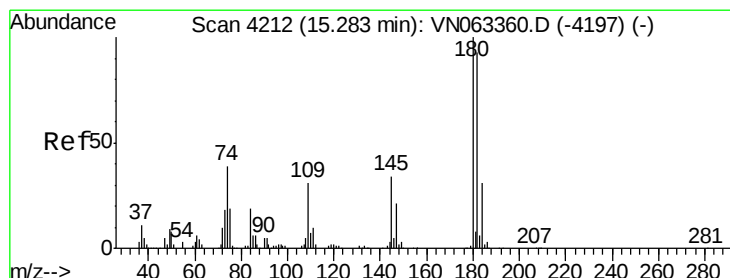
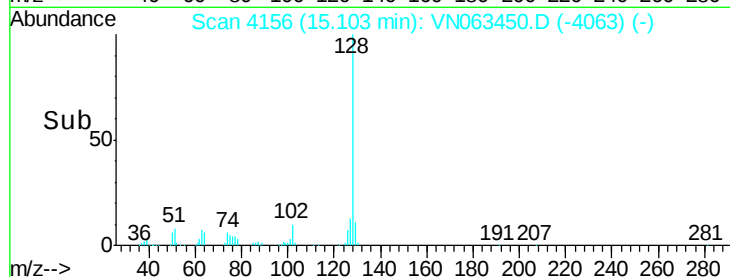
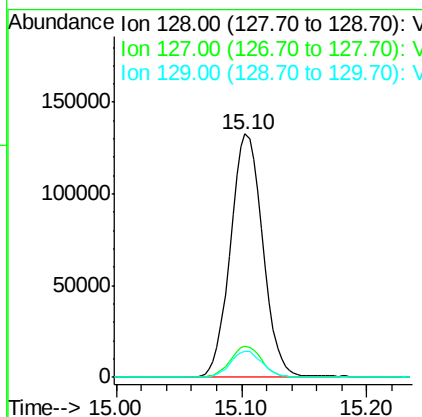
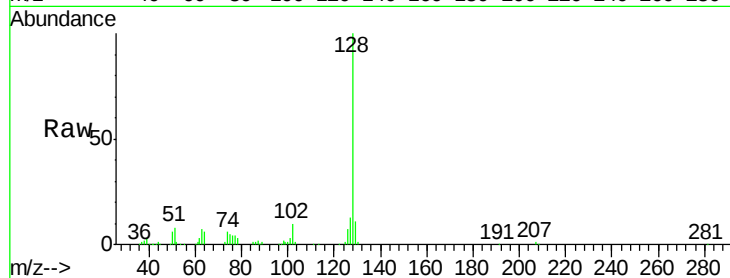
ClientSampleId :

VN0918WBS01

Tot Ion:	128	Resp:	238754
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/21/2020 11:49:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.765 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063450.D

Acq: 18 Sep 2020 12:09

Tgt Ion:	180	Resp:	71160
Ion Ratio	Lower	Upper	
180	100		
182	91.8	46.7	140.1
145	34.9	16.8	50.3

