

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063500.D
 Acq On : 21 Sep 2020 20:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:07:26 PM

Quant Time: Sep 22 04:34:22 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	7.63	168	281688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	219606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	225961	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
35) Dibromofluoromethane	7.55	113	163990	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
50) Toluene-d8	10.06	98	621369	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.38	95	240037	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	145949	45.734	ug/l	100
3) Chloromethane	2.04	50	183720	43.518	ug/l	98
4) Vinyl Chloride	2.17	62	183973	49.186	ug/l	100
5) Bromomethane	2.53	94	115526	52.020	ug/l	98
6) Chloroethane	2.68	64	110216	48.004	ug/l	96
7) Trichlorofluoromethane	2.99	101	280874	50.331	ug/l	98
8) Diethyl Ether	3.38	74	104681	48.119	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	152298	48.527	ug/l	98
10) Methyl Iodide	3.92	142	205443	50.280	ug/l	99
11) Tert butyl alcohol	4.72	59	128143	192.903	ug/l	100
12) 1,1-Dichloroethene	3.70	96	151812	47.758	ug/l	95
13) Acrolein	3.57	56	113740	462.028	ug/l	100
14) Allyl chloride	4.28	41	290404	46.185	ug/l	98
15) Acrylonitrile	4.93	53	390460	231.079	ug/l	100
16) Acetone	3.77	43	340371	220.869	ug/l	99
17) Carbon Disulfide	4.02	76	415056	44.888	ug/l	100
18) Methyl Acetate	4.28	43	197340	50.442	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	555995	46.929	ug/l	98
20) Methylene Chloride	4.51	84	184414	47.232	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	165950	47.120	ug/l	96
22) Diisopropyl ether	5.90	45	604452	47.135	ug/l	99
23) Vinyl Acetate	5.84	43	2461785	233.748	ug/l	99
24) 1,1-Dichloroethane	5.80	63	333354	47.614	ug/l	99
25) 2-Butanone	6.78	43	525145	221.570	ug/l	99
26) 2,2-Dichloropropane	6.78	77	262893	42.649	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	196620	49.324	ug/l	98
28) Bromochloromethane	7.15	49	148698	45.999	ug/l	97
29) Tetrahydrofuran	7.16	42	356223	220.063	ug/l	99
30) Chloroform	7.33	83	341619	48.634	ug/l	100
31) Cyclohexane	7.61	56	282830	42.707	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	303783	48.624	ug/l	99
36) 1,1-Dichloropropene	7.75	75	253387	47.007	ug/l	99
37) Ethyl Acetate	6.88	43	232427	43.933	ug/l	98
38) Carbon Tetrachloride	7.74	117	257832	46.857	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	255485	43.670	ug/l	98
40) Benzene	8.00	78	730210	47.455	ug/l	99
41) Methacrylonitrile	7.13	41	106152m	44.612	ug/l	
42) 1,2-Dichloroethane	8.09	62	292303	47.236	ug/l	99
43) Isopropyl Acetate	8.13	43	407771	43.106	ug/l #	89
44) Trichloroethene	8.80	130	177498	47.559	ug/l	96
45) 1,2-Dichloropropane	9.08	63	197780	47.193	ug/l	99
46) Dibromomethane	9.17	93	131319	47.674	ug/l	98
47) Bromodichloromethane	9.37	83	275117	48.077	ug/l	98
48) Methyl methacrylate	9.17	41	204990	44.106	ug/l	96
49) 1,4-Dioxane	9.16	88	53545	802.810	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1188265	224.373	ug/l	100
52) Toluene	10.13	92	454484	49.125	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	303813	47.557	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	314929	46.736	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	181048	49.268	ug/l	98
56) Ethyl methacrylate	10.40	69	270968	47.234	ug/l	99
57) 1,3-Dichloropropane	10.68	76	304841	46.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	692509	230.118	ug/l	98
59) 2-Hexanone	10.72	43	852883	222.292	ug/l	99
60) Dibromochloromethane	10.87	129	203747	49.078	ug/l	98
61) 1,2-Dibromoethane	10.98	107	186975	48.975	ug/l	100
64) Tetrachloroethene	10.60	164	157518	49.675	ug/l	97
65) Chlorobenzene	11.41	112	475849	48.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	178826	49.351	ug/l	99
67) Ethyl Benzene	11.48	91	894276	48.039	ug/l	99
68) m/p-Xylenes	11.59	106	646834	96.371	ug/l	100
69) o-Xylene	11.92	106	316321	49.473	ug/l	98
70) Styrene	11.94	104	538094	50.185	ug/l	99
71) Bromoform	12.10	173	132675	49.149	ug/l #	100
73) Isopropylbenzene	12.23	105	849541	48.275	ug/l	99
74) N-amyl acetate	12.05	43	372768	44.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	247506	45.423	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	247537m	45.540	ug/l	
77) Bromobenzene	12.50	156	201051	50.789	ug/l	94
78) n-propylbenzene	12.57	91	979094	47.768	ug/l	100
79) 2-Chlorotoluene	12.65	91	592922	48.257	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	712440	48.550	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	86870	43.816	ug/l	98
82) 4-Chlorotoluene	12.75	91	623798	48.051	ug/l	100
83) tert-Butylbenzene	12.97	119	579392	47.838	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	725800	48.966	ug/l	100
85) sec-Butylbenzene	13.15	105	762388	47.026	ug/l	99
86) p-Isopropyltoluene	13.26	119	686830	48.033	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	357075	48.667	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	362563	48.604	ug/l	99
89) n-Butylbenzene	13.59	91	613992	46.584	ug/l	100
90) Hexachloroethane	13.85	117	124581	45.755	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	347586	48.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58018	44.714	ug/l	97

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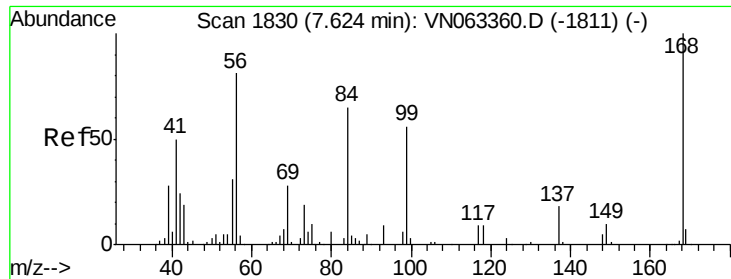
Manual Integrations
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MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	195346	46.000	ug/l	100
94) Hexachlorobutadiene	14.98	225	85753	48.777	ug/l	96
95) Naphthalene	15.10	128	648922	46.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	186915	45.554	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 281688

Ion Ratio Lower Upper

168 100

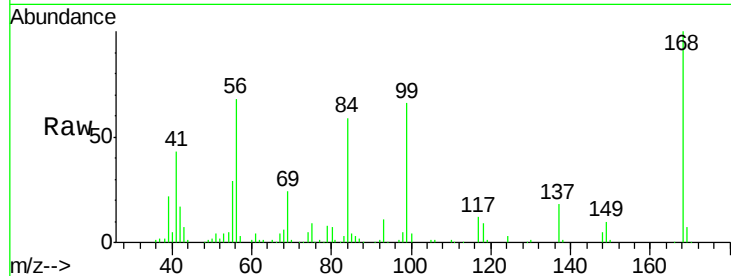
99 65.9 53.0 79.6

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

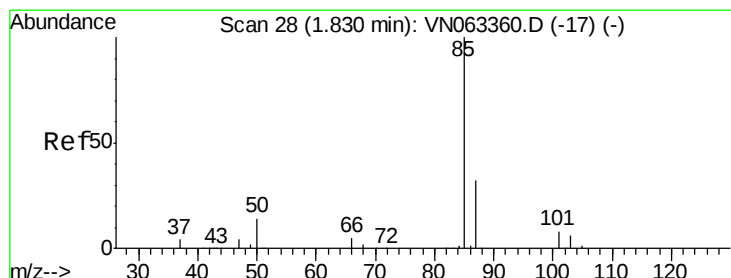
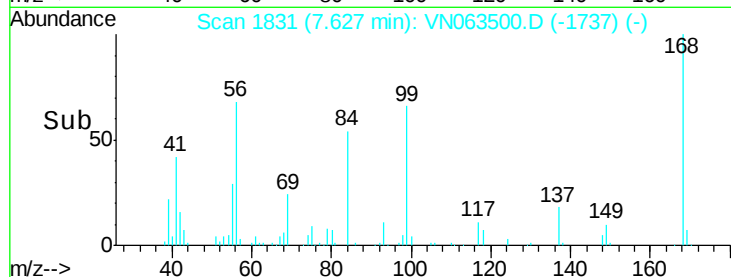
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.734 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063500.D

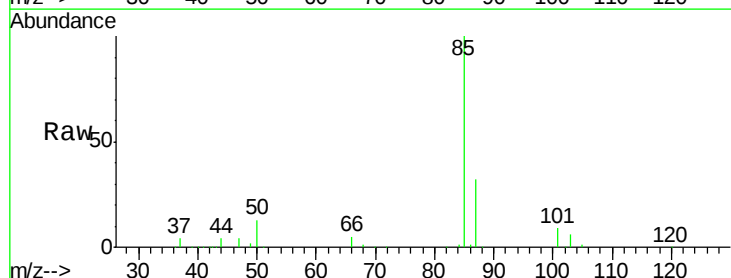
Acq: 21 Sep 2020 20:54

Tgt Ion: 85 Resp: 145949

Ion Ratio Lower Upper

85 100

87 31.8 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

120000

100000

80000

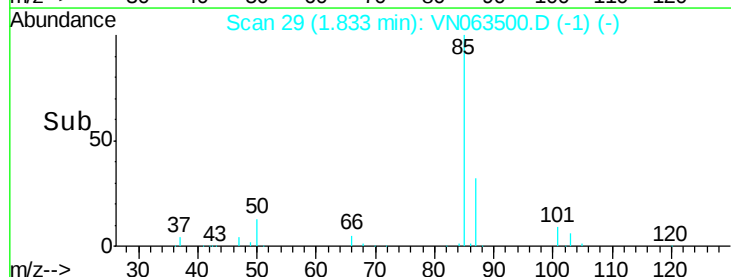
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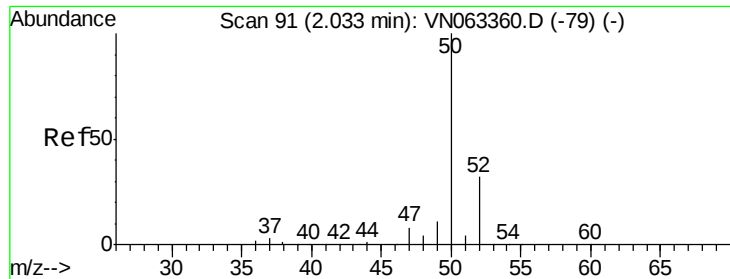
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 43.518 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 183720

Ion Ratio Lower Upper

50 100

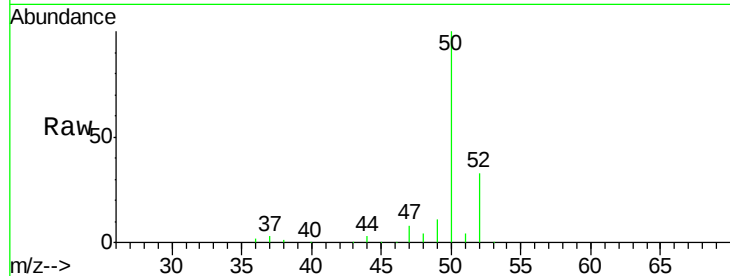
52 33.5 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

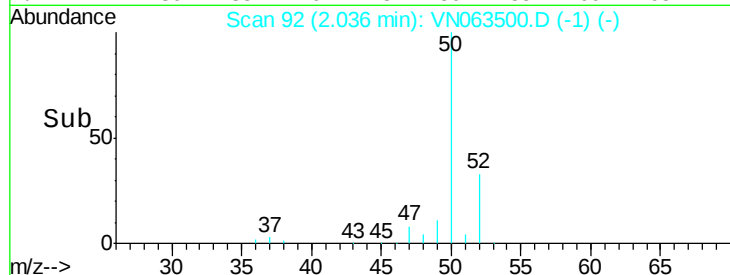
150000

100000

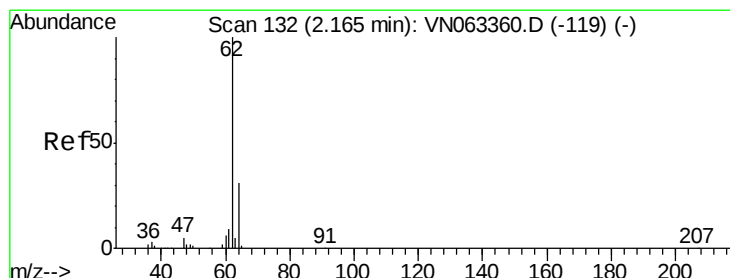
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 49.186 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063500.D

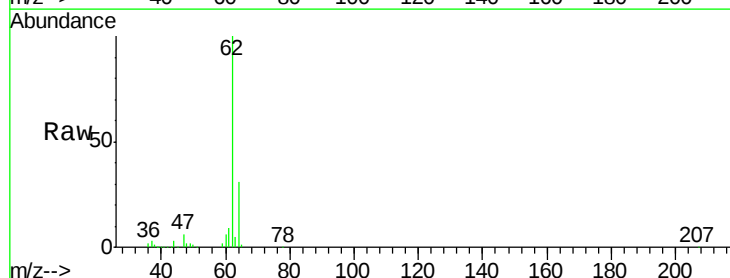
Acq: 21 Sep 2020 20:54

Tgt Ion: 62 Resp: 183973

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

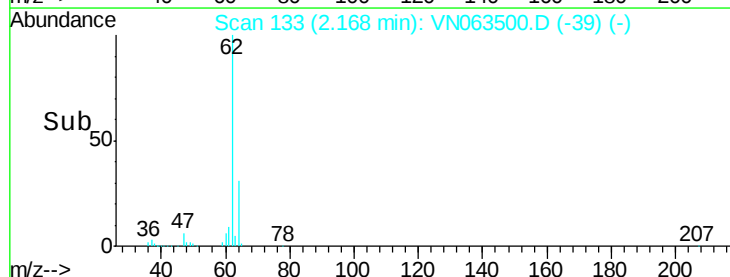
Ion 63.90 (63.60 to 64.60): VN0

100000

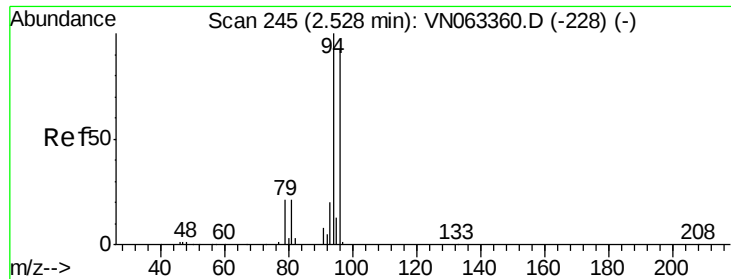
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 52.020 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 115526

Ion Ratio Lower Upper

94 100

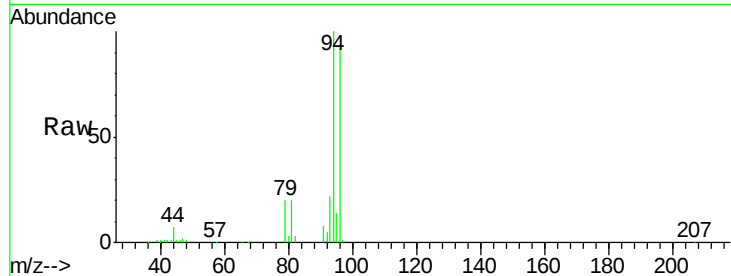
96 91.6 74.5 111.7

Manual Integrations

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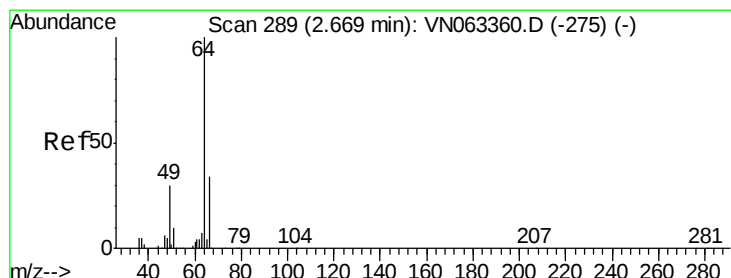
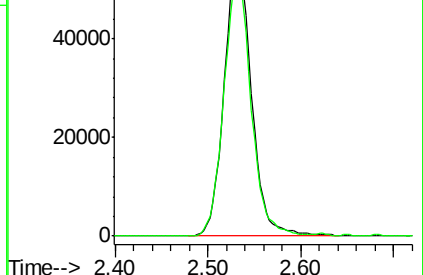
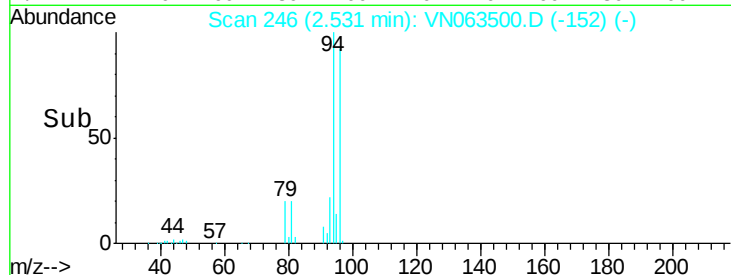


Abundance Ion 93.90 (93.60 to 94.60): VN063360.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN063500.D (-152) (-)

2.53

Time-->



#6

Chloroethane

Concen: 48.004 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063500.D

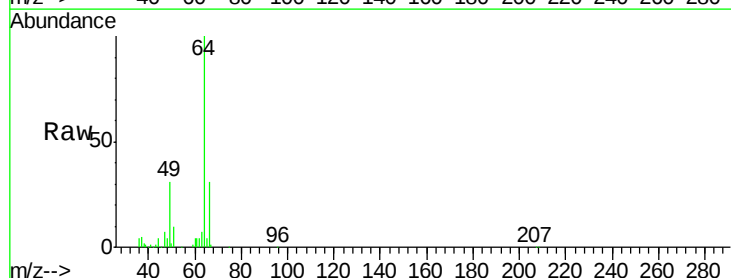
Acq: 21 Sep 2020 20:54

Tgt Ion: 64 Resp: 110216

Ion Ratio Lower Upper

64 100

66 31.3 26.9 40.3

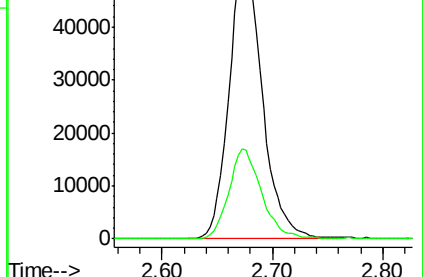
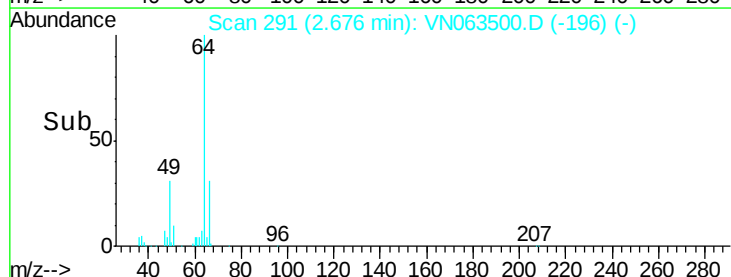


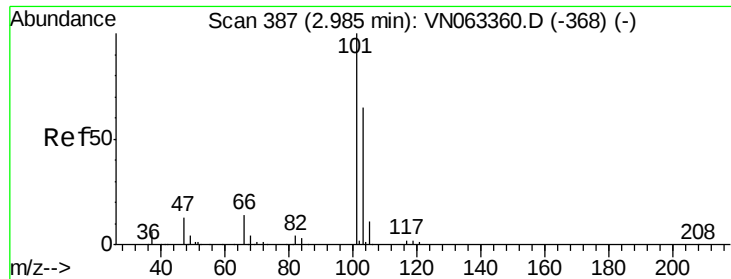
Abundance Ion 63.90 (63.60 to 64.60): VN063360.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063500.D (-196) (-)

2.68

Time-->





#7

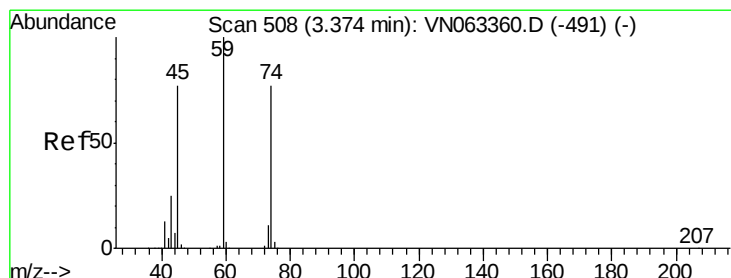
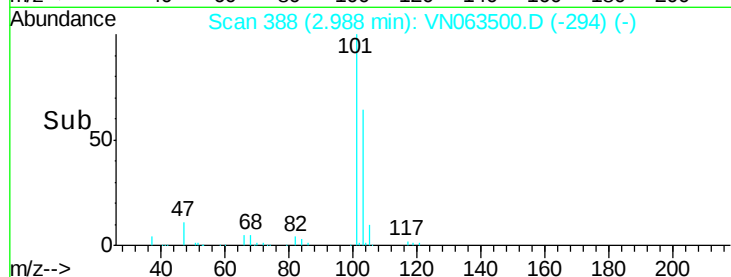
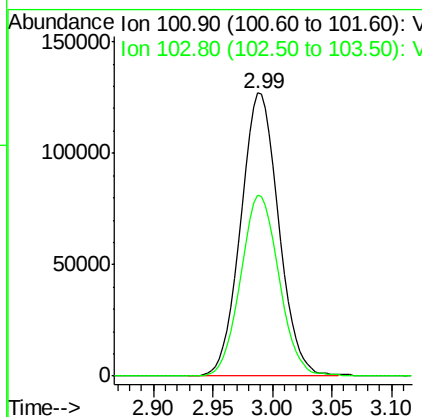
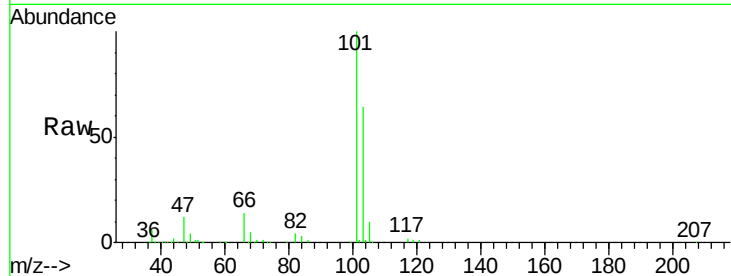
Trichlorofluoromethane
 Concen: 50.331 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.3	78.5

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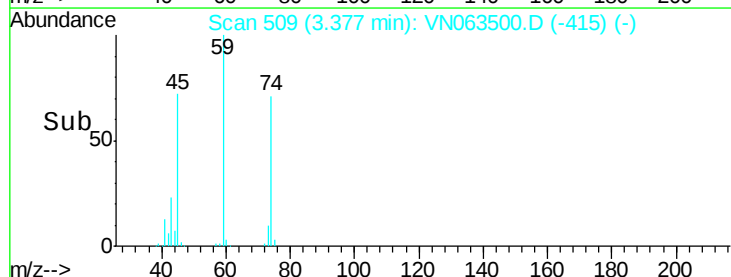
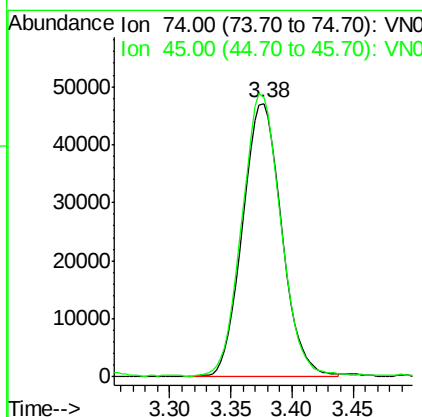
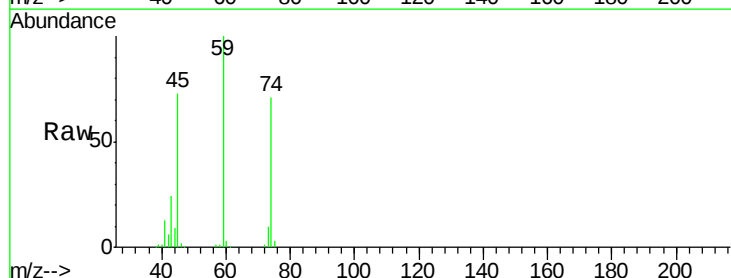
MMDadoda
 9/22/2020 2:07:26 PM

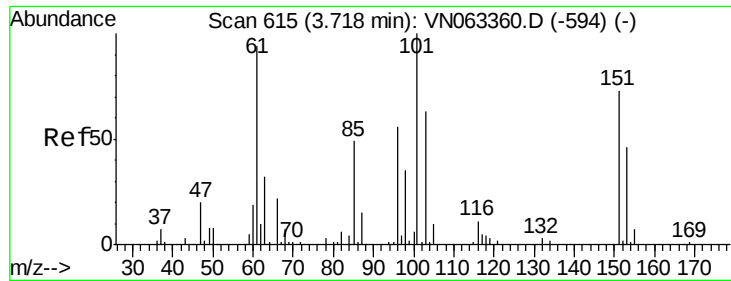


#8

Diethyl Ether
 Concen: 48.119 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.527 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

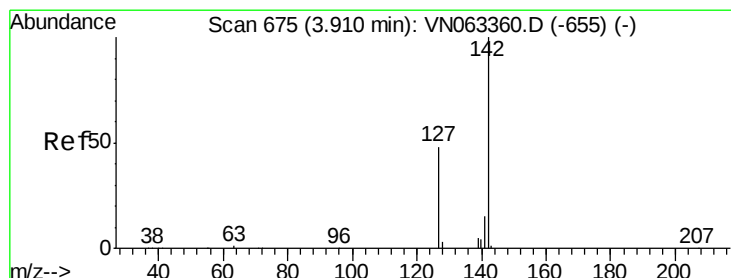
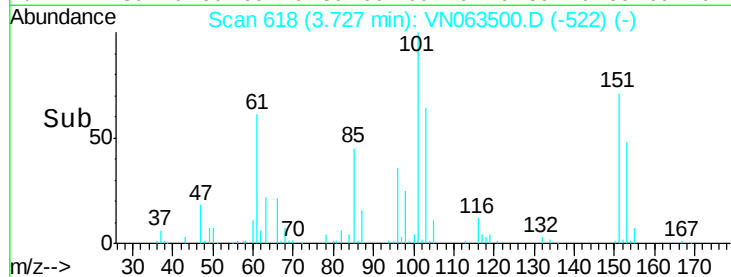
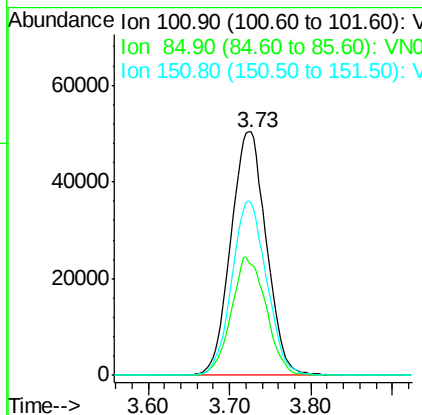
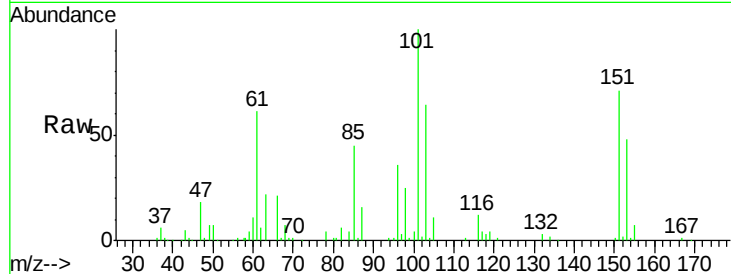
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	152298
Ion Ratio	Lower	Upper	
101	100		
85	47.4	37.7	56.5
151	70.1	57.7	86.5

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#10

Methyl Iodide

Concen: 50.280 ug/l

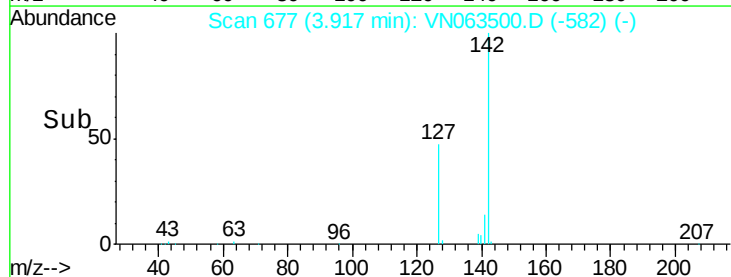
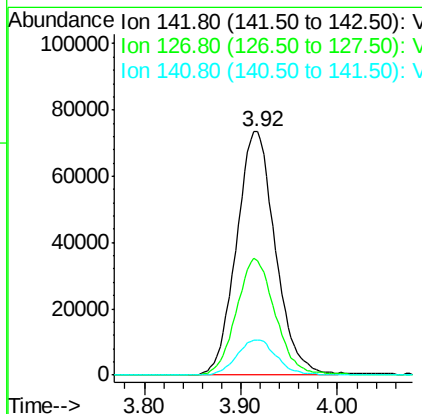
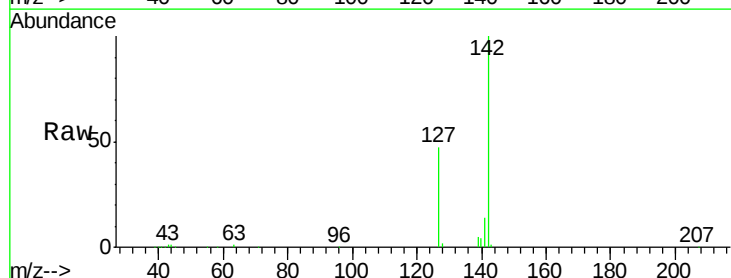
RT: 3.92 min Scan# 677

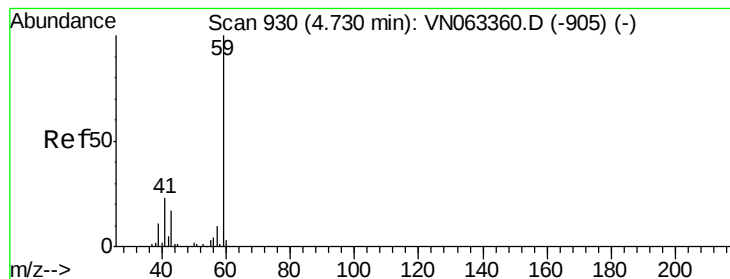
Delta R.T. 0.01 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion:	142	Resp:	205443
Ion Ratio	Lower	Upper	
142	100		
127	47.7	39.0	58.6
141	14.7	11.6	17.4





#11

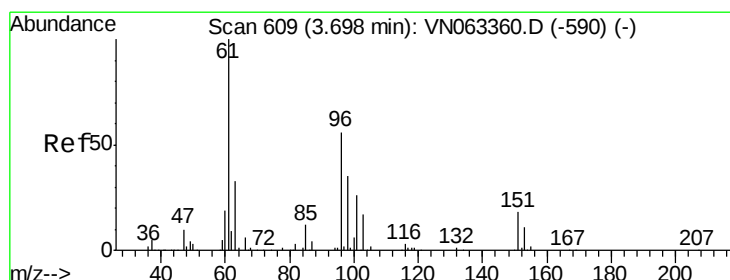
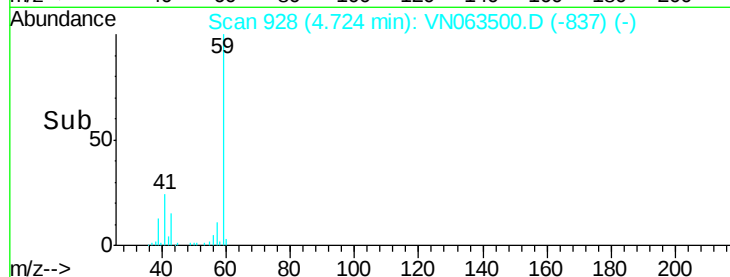
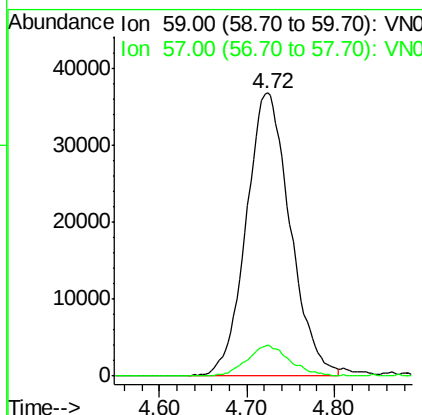
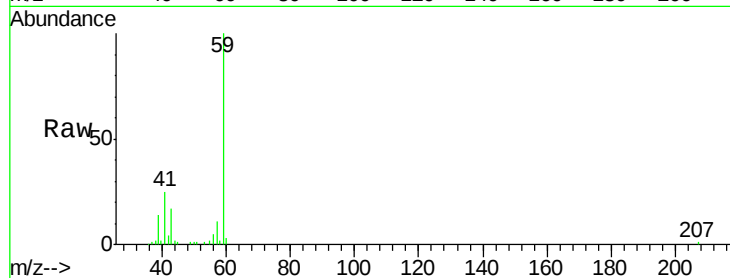
Tert butyl alcohol
Concen: 192.903 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.6	Resp	128143	Lower	8.4	Upper	12.6
Ion	59	57	Ratio	100	10.6	Resp	128143	Lower	8.4	Upper	12.6

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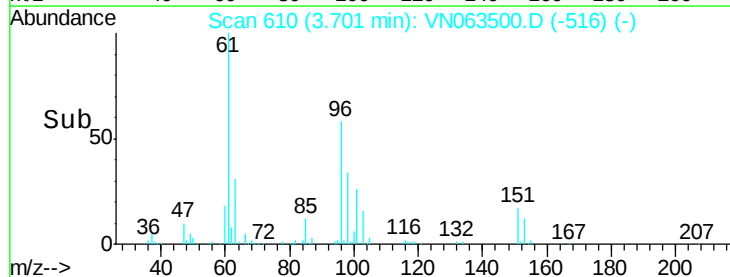
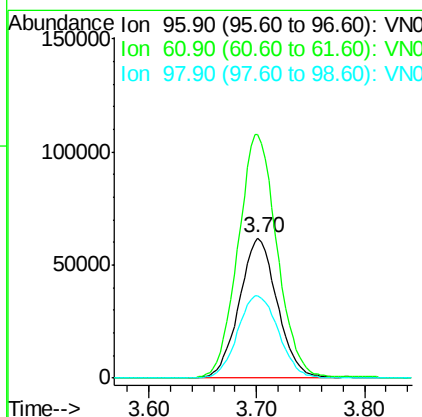
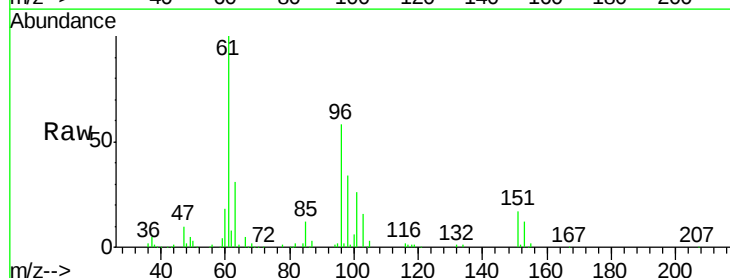
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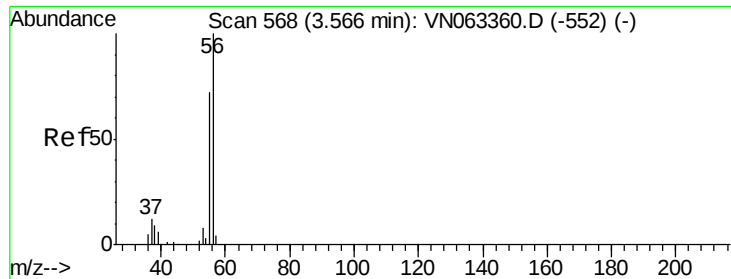


#12

1,1-Dichloroethene
Concen: 47.758 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	96	61	98	Ratio	100	173.5	58.6	Resp	151812	Lower	143.4	50.6	Upper	215.2	76.0
Ion	96	61	98	Ratio	100	173.5	58.6	Resp	151812	Lower	143.4	50.6	Upper	215.2	76.0





#13

Acrolein

Concen: 462.028 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 113740

Ion Ratio Lower Upper

56 100

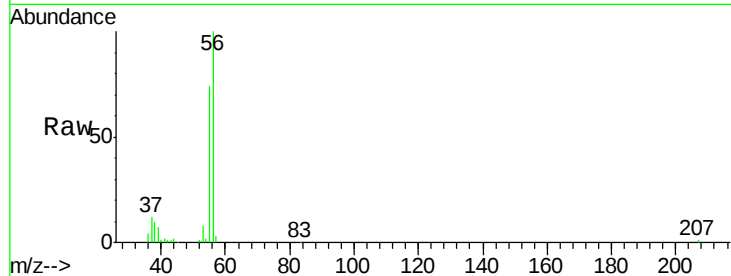
55 72.9 58.2 87.2

Manual Integrations

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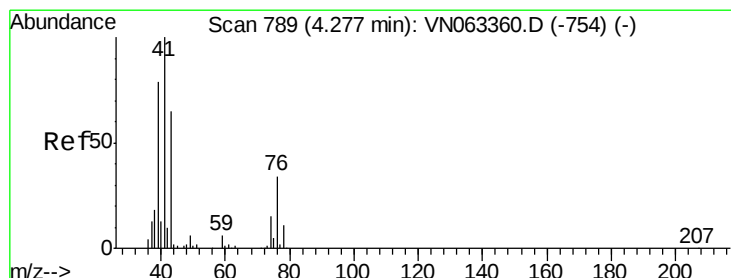
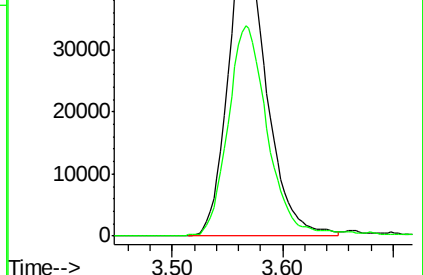
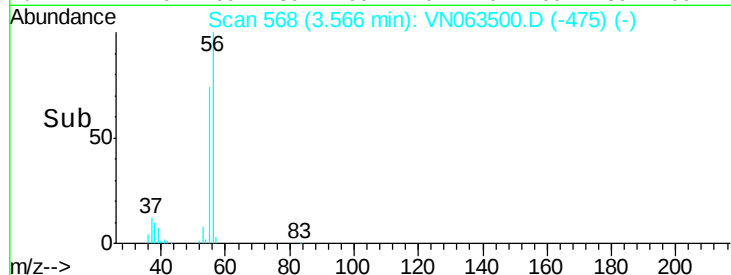


Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN063360.D (-552) (-)

3.57

Time-->



#14

Allyl chloride

Concen: 46.185 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

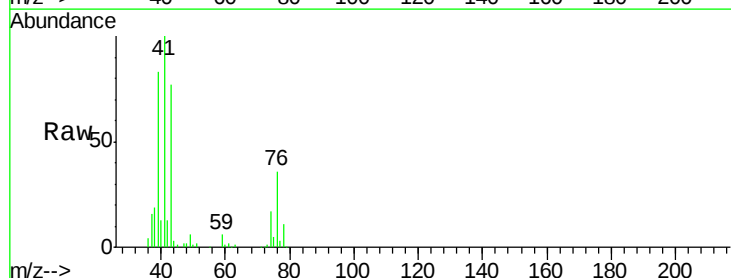
Tgt Ion: 41 Resp: 290404

Ion Ratio Lower Upper

41 100

39 75.9 59.3 88.9

76 31.8 25.3 37.9



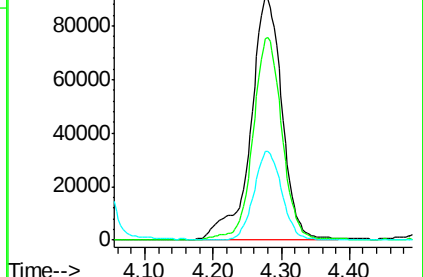
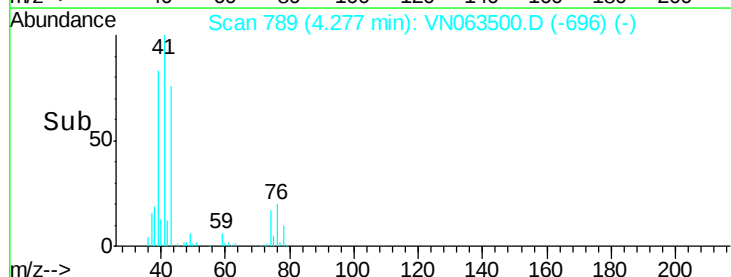
Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-754) (-)

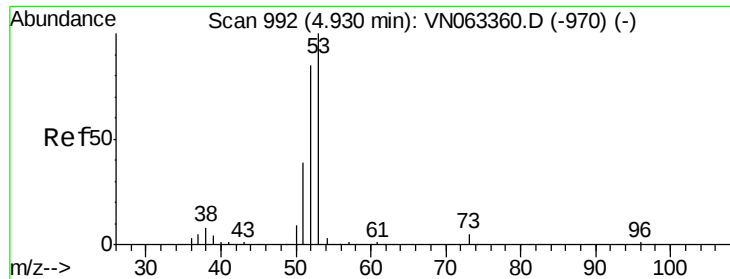
Ion 39.00 (38.70 to 39.70): VN063360.D (-754) (-)

Ion 75.90 (75.60 to 76.60): VN063360.D (-754) (-)

4.28

Time-->





#15

Acrylonitrile

Concen: 231.079 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

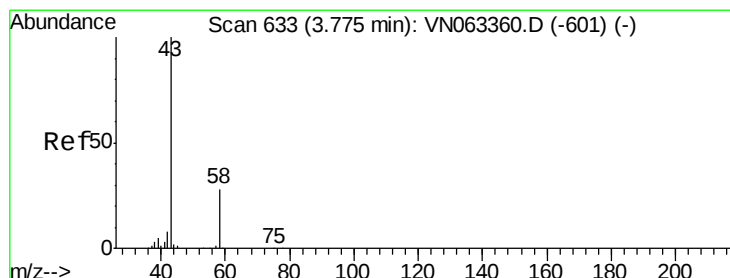
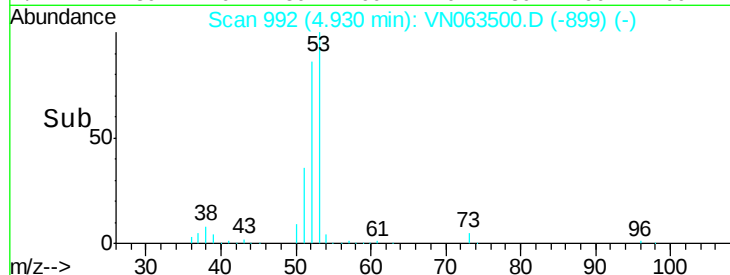
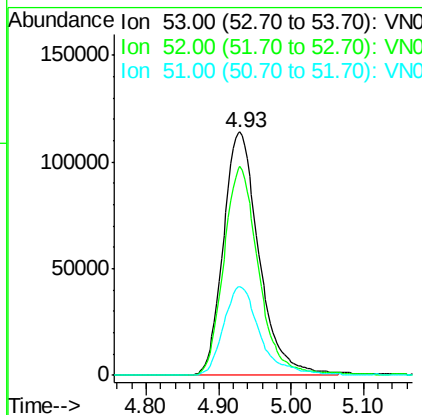
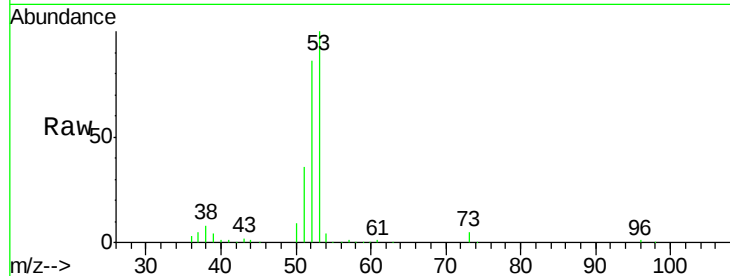
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	390460
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.4	99.6
51	37.5	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 220.869 ug/l

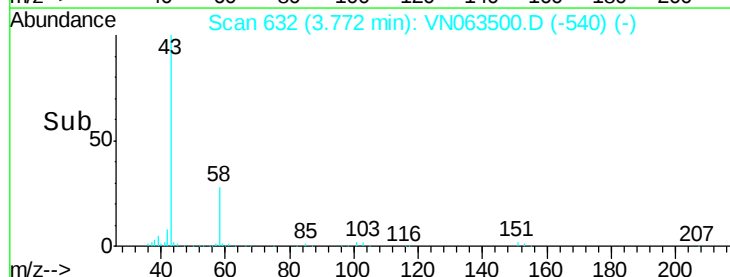
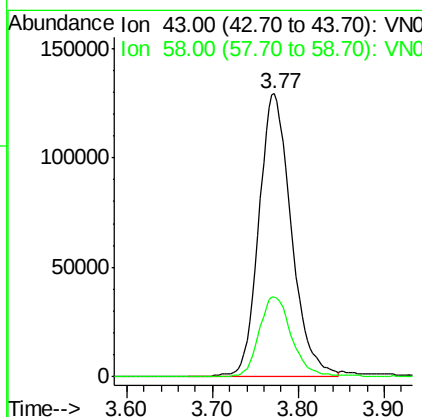
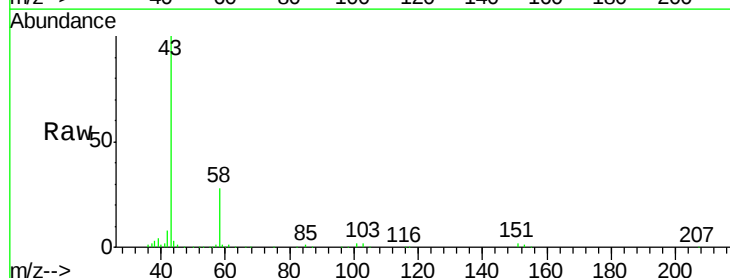
RT: 3.77 min Scan# 632

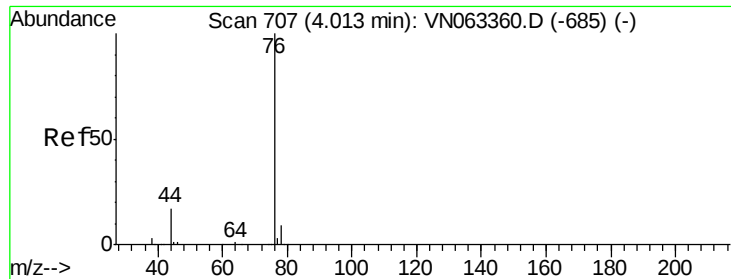
Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion:	43	Resp:	340371
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.3	33.5





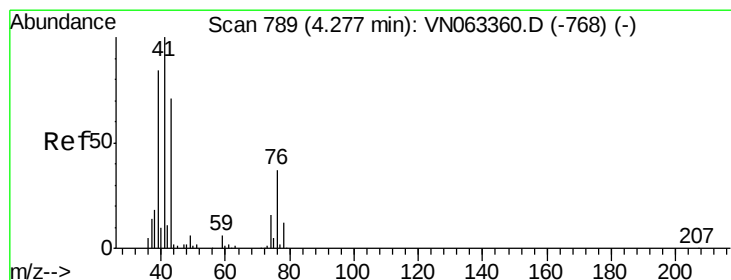
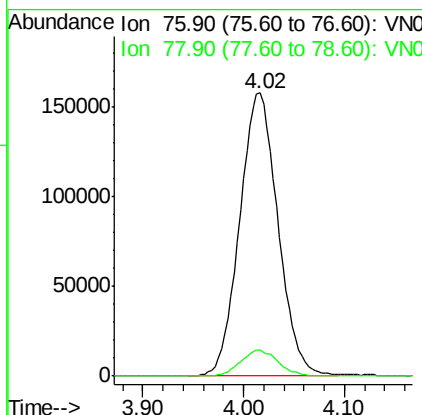
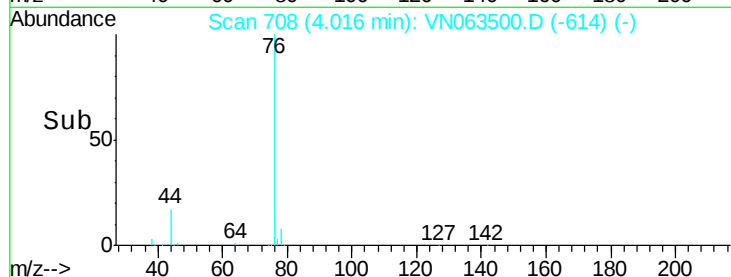
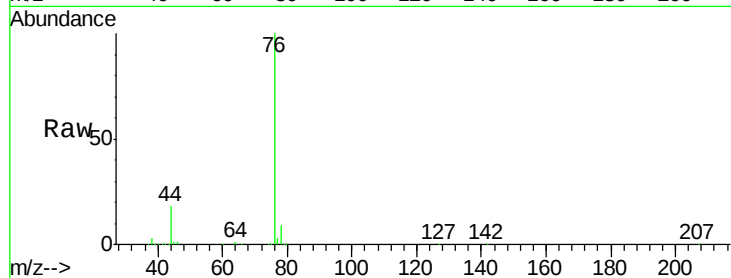
#17
Carbon Disulfide
Concen: 44.888 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

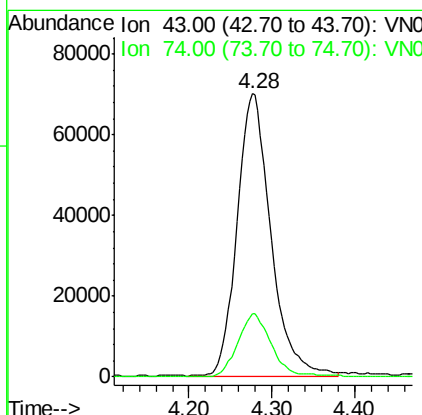
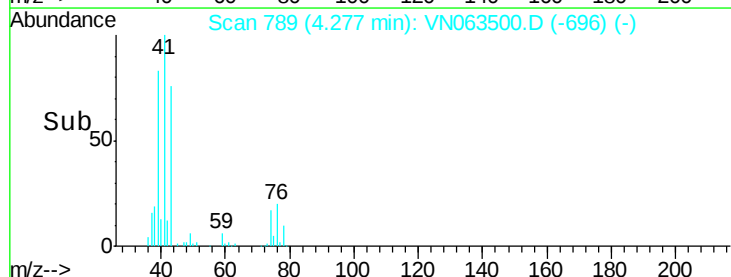
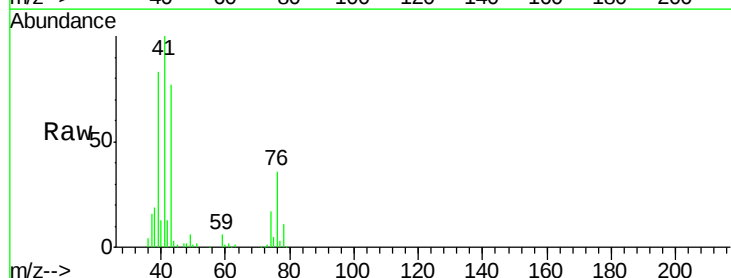
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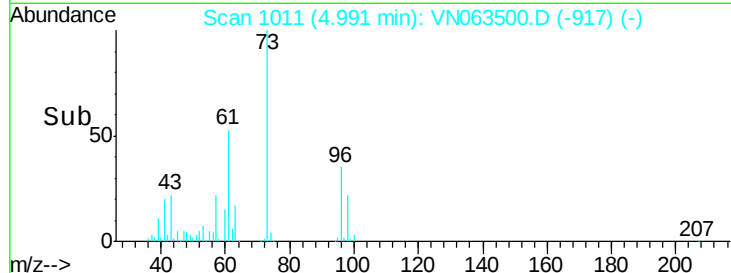
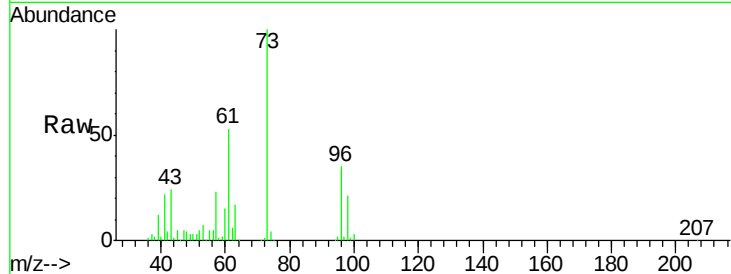
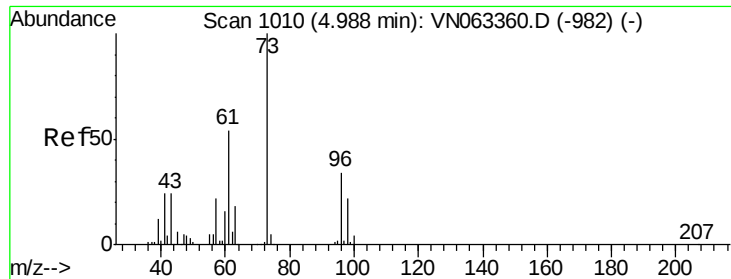
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#18
Methyl Acetate
Concen: 50.442 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.4	26.2





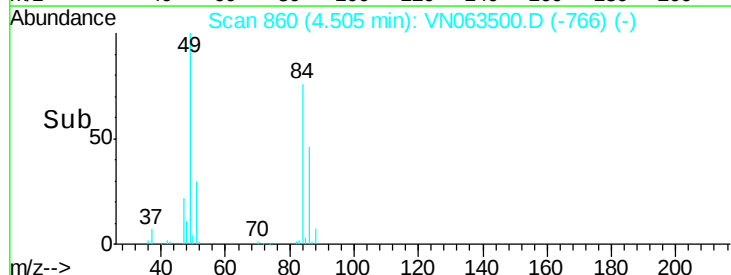
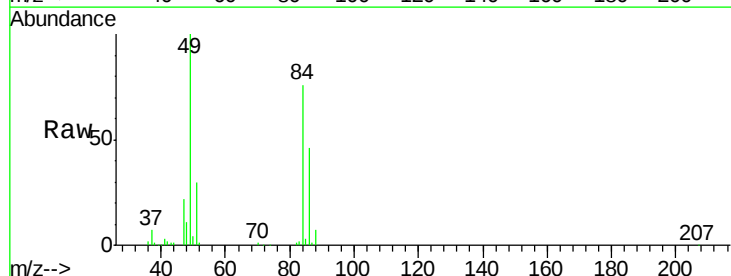
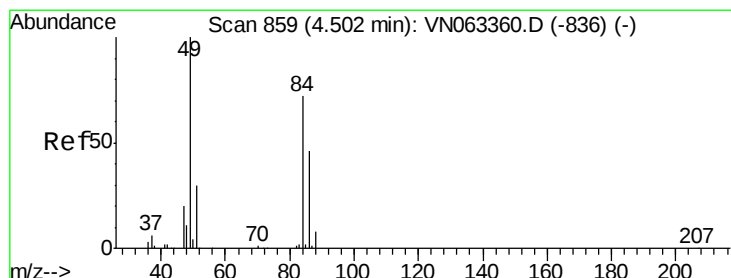
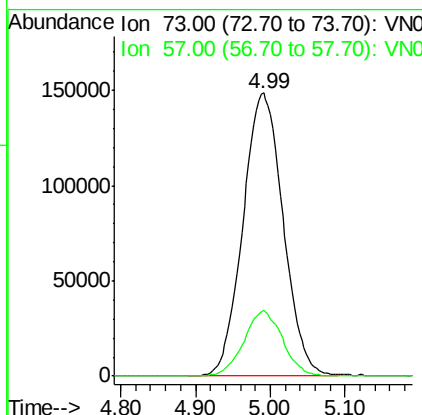
#19
Methvl tert-butvl Ether
Concen: 46.929 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tot Ion: 73 Resp: 555995
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

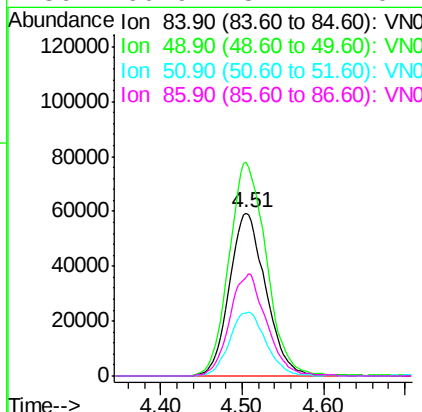
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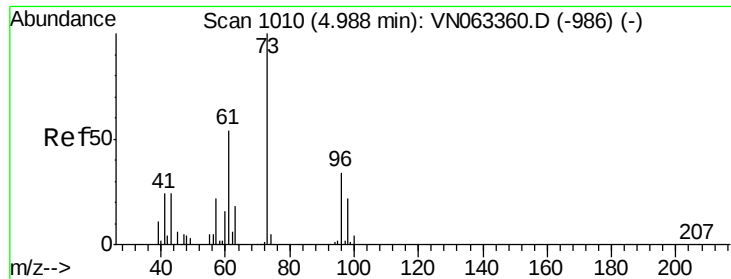
MMDadoda
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#20
Methylene Chloride
Concen: 47.232 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 84 Resp: 184414
Ion Ratio Lower Upper
84 100
49 131.2 110.7 166.1
51 38.8 32.9 49.3
86 60.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.120 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

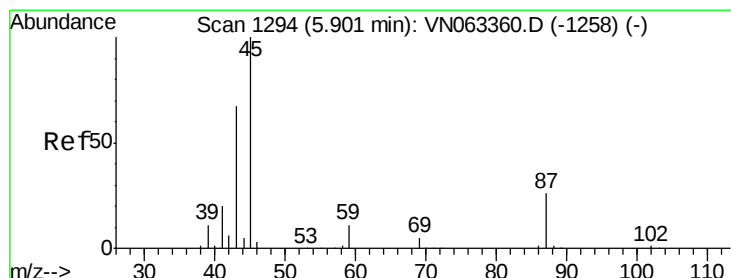
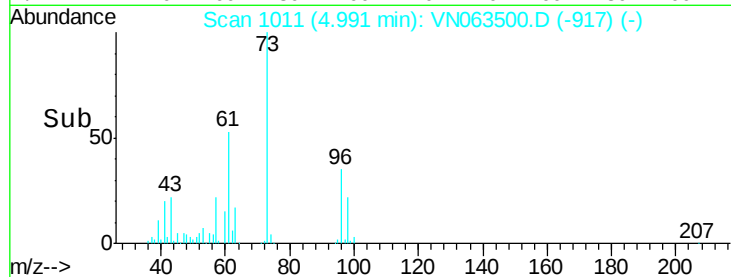
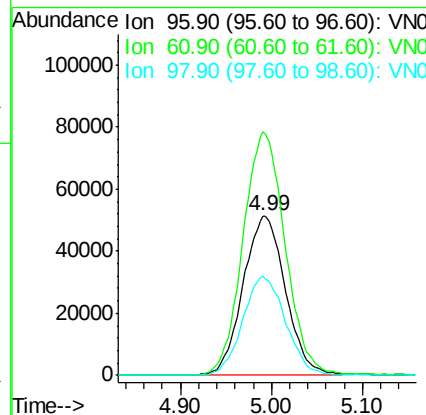
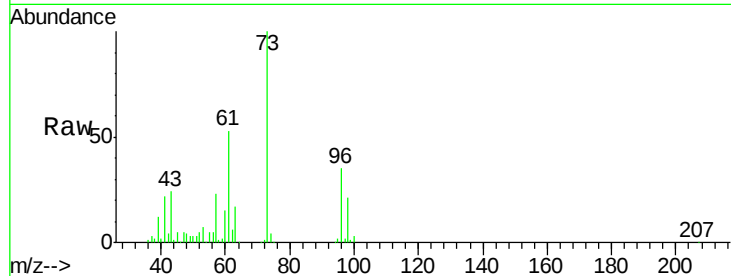
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	165950
Ion	Ratio	Lower	Upper
96	100		
61	152.2	126.2	189.4
98	62.0	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.135 ug/l

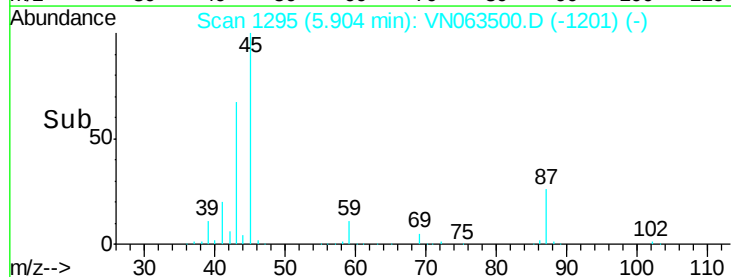
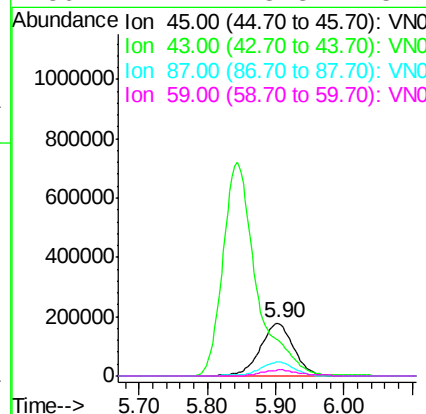
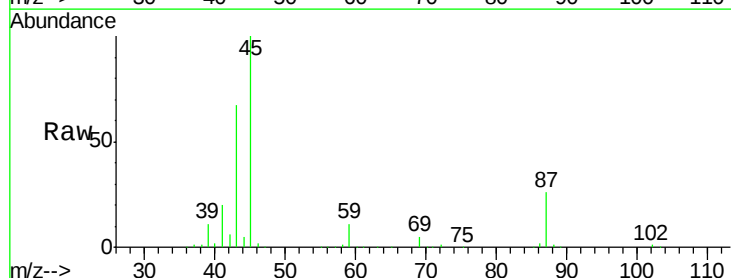
RT: 5.90 min Scan# 1295

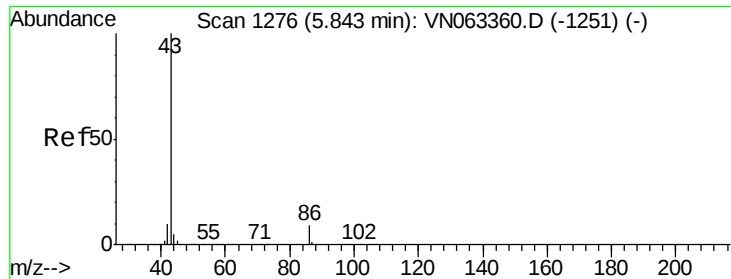
Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion:	45	Resp:	604452
Ion	Ratio	Lower	Upper
45	100		
43	66.6	53.5	80.3
87	25.8	21.2	31.8
59	11.1	8.8	13.2





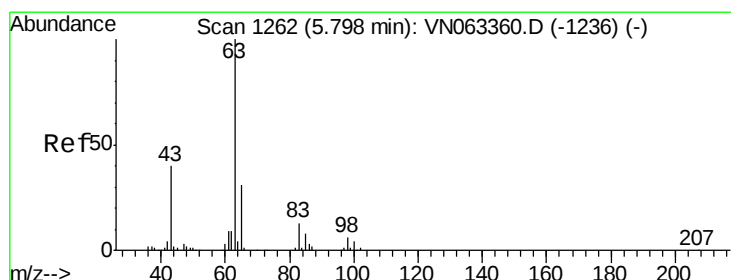
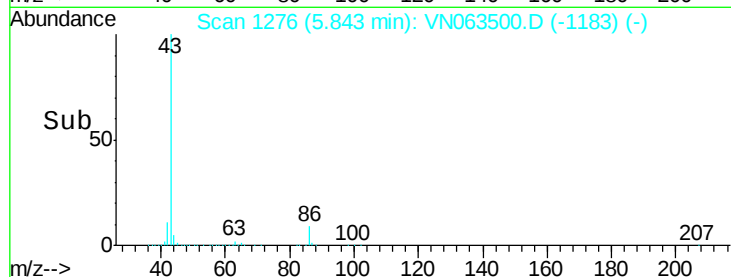
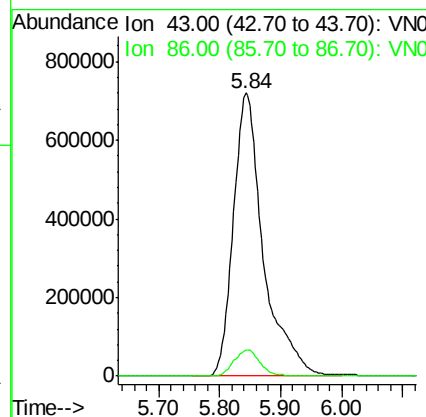
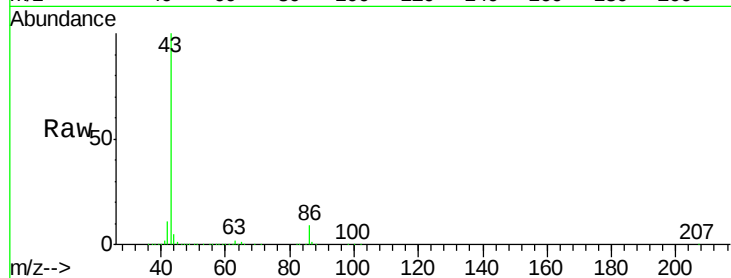
#23
 Vinyl Acetate
 Concen: 233.748 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2461785
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7

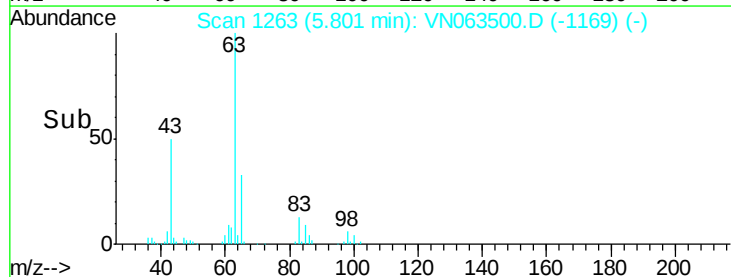
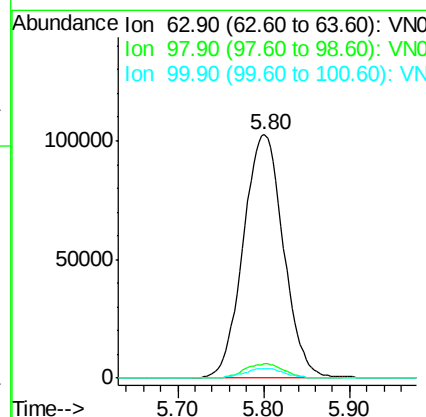
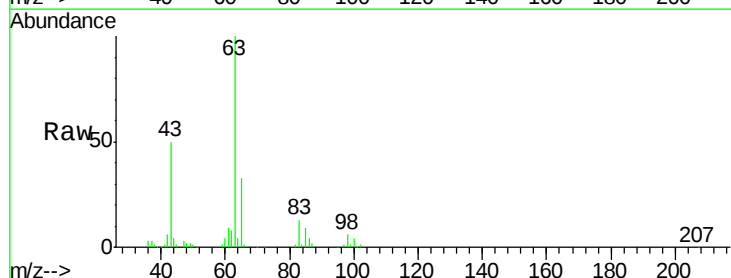
Manual Integrations
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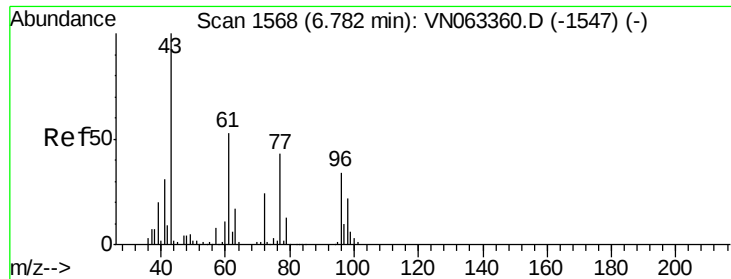
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 47.614 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion: 63 Resp: 333354
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 3.8 2.1 6.3





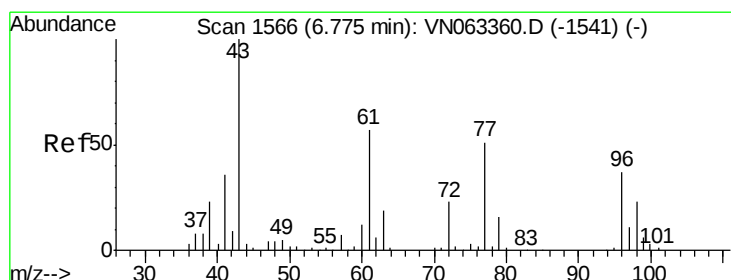
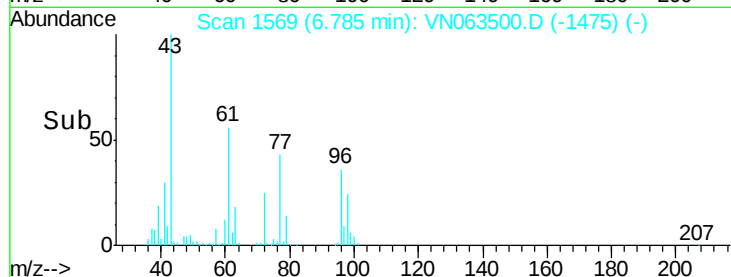
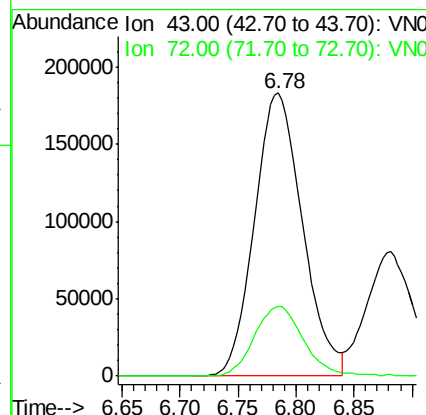
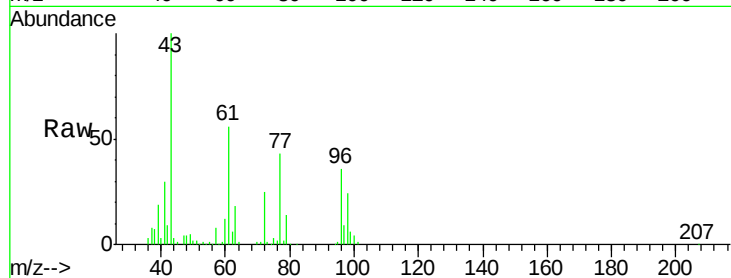
#25
2-Butanone
Concen: 221.570 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 525145
Ion Ratio Lower Upper
43 100
72 24.7 19.2 28.8

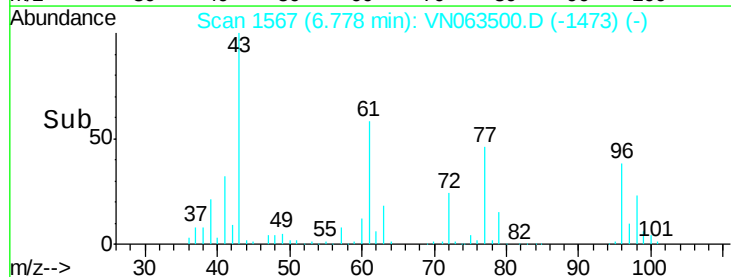
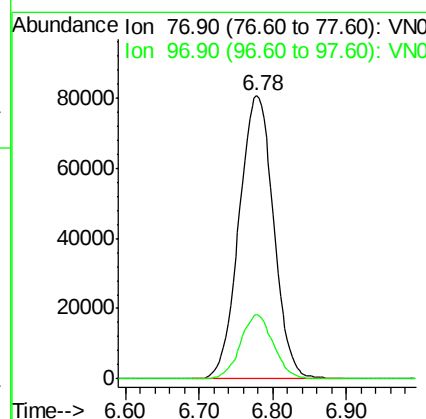
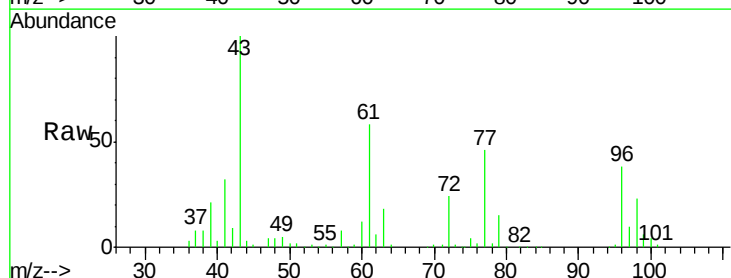
Manual Integrations
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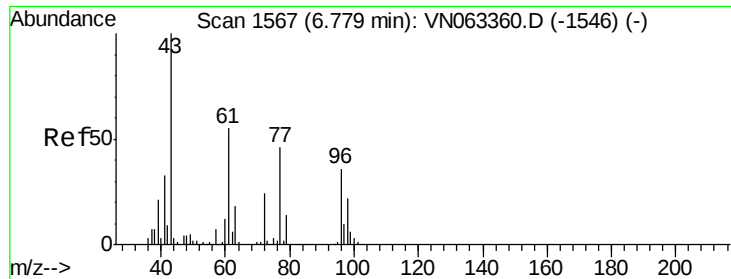
MMDadoda
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#26
2,2-Dichloropropane
Concen: 42.649 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 77 Resp: 262893
Ion Ratio Lower Upper
77 100
97 21.6 10.5 31.6





#27

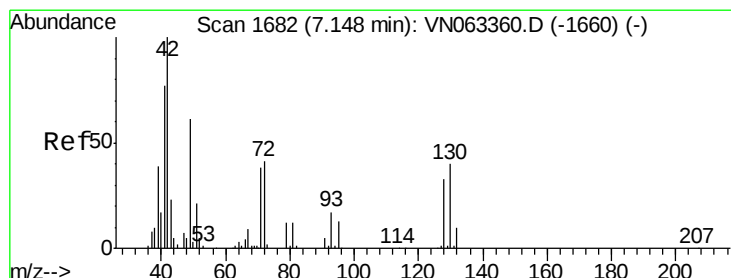
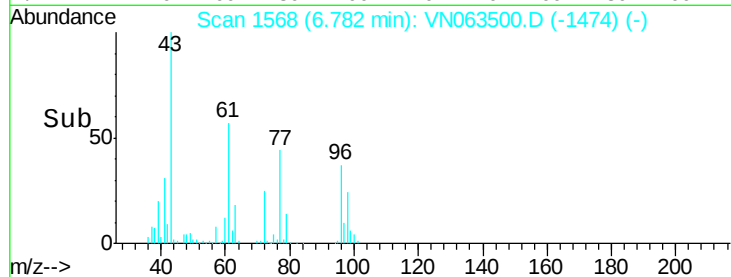
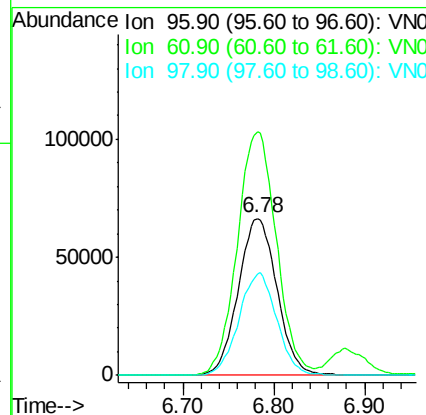
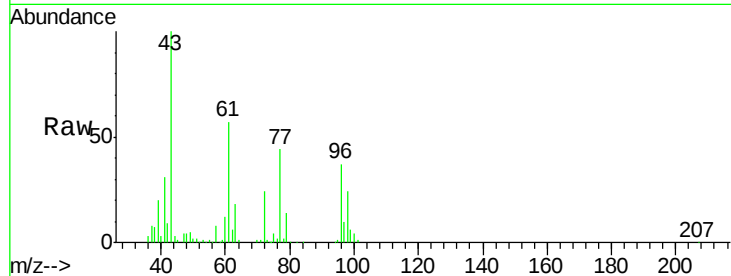
cis-1,2-Dichloroethene
Concen: 49.324 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	196620		
61	156.6	0.0	319.6	
98	63.9	0.0	127.8	

Manual Integrations
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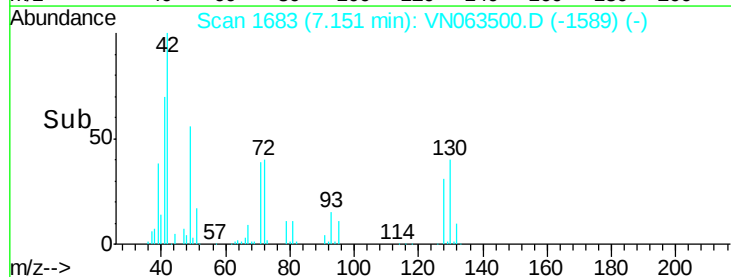
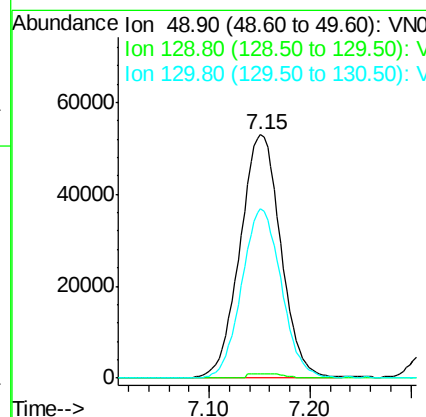
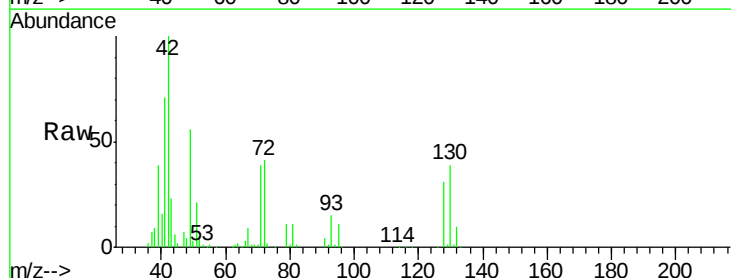
MMDadoda
9/22/2020 2:07:26 PM

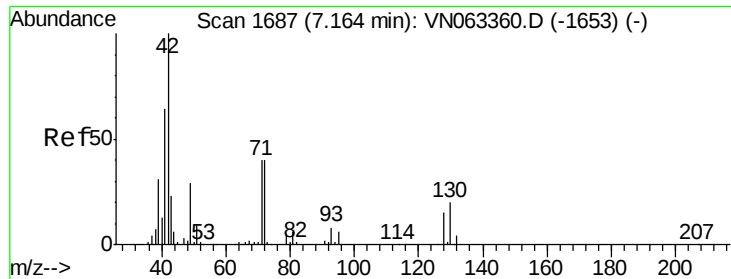


#28

Bromochloromethane
Concen: 45.999 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148698		
129	0.7	0.0	3.8	
130	67.3	52.2	78.2	





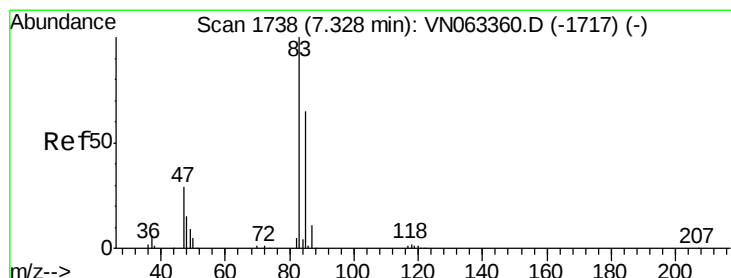
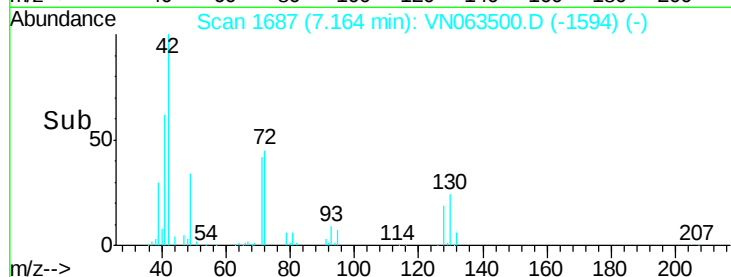
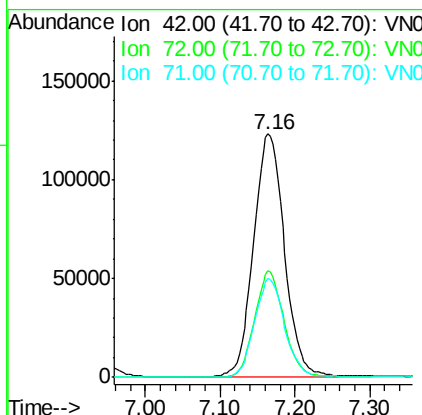
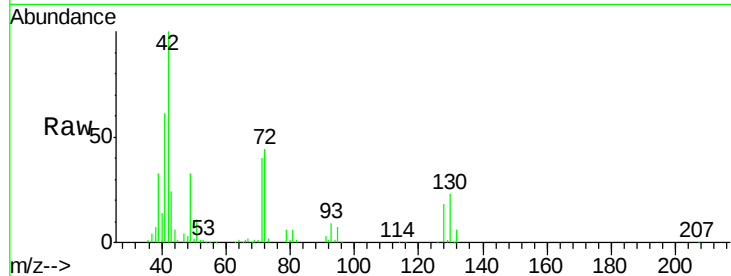
#29
Tetrahydrofuran
Concen: 220.063 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.1	48.1
71	39.1	31.2	46.8

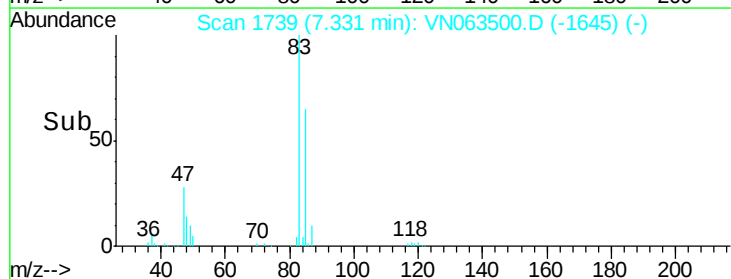
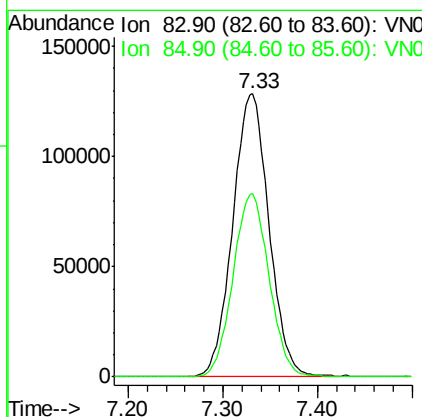
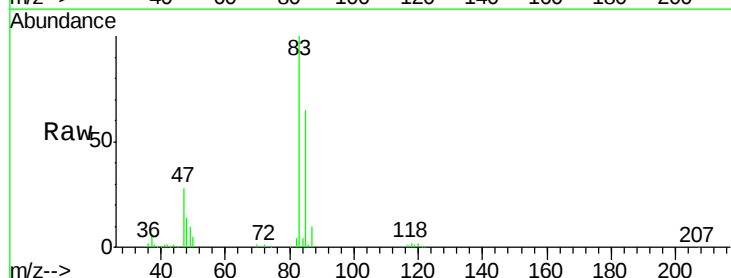
Manual Integrations
APPROVED

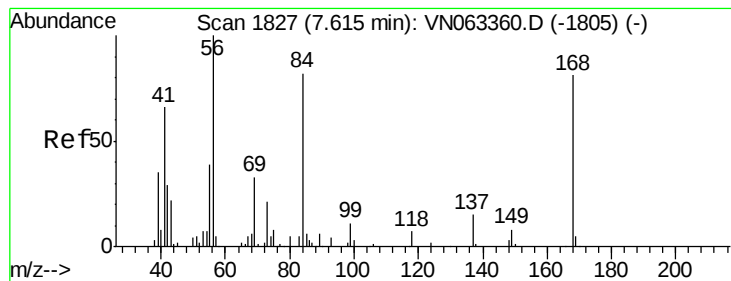
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#30
Chloroform
Concen: 48.634 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.1	78.1





#31

Cyclohexane

Concen: 42.707 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

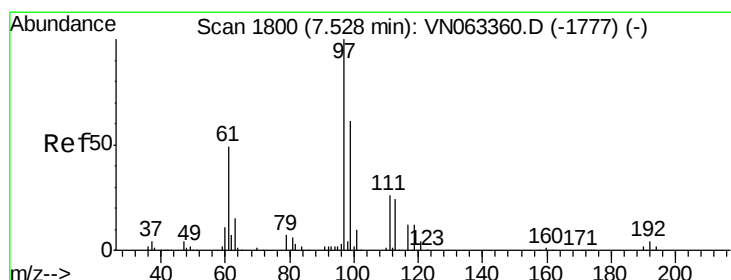
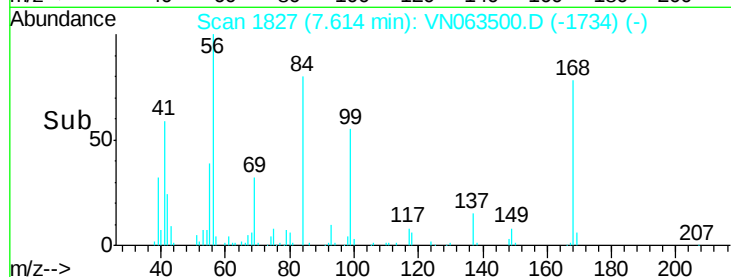
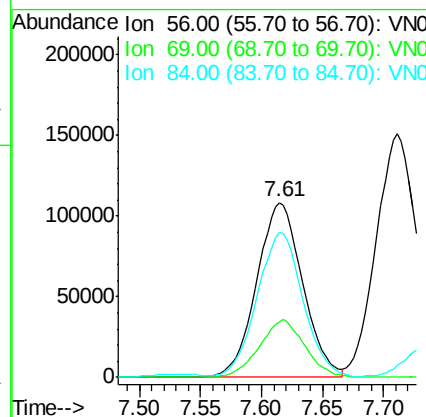
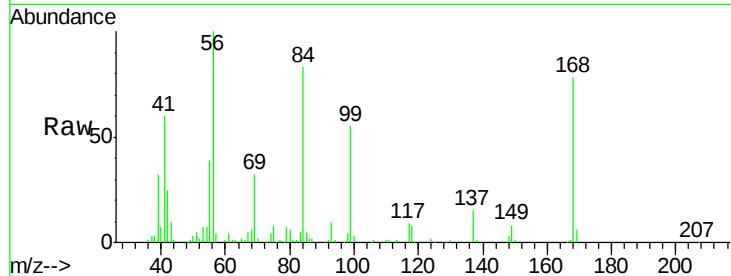
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	282830
Ion Ratio	Lower	Upper	
56	100		
69	32.1	26.1	39.1
84	81.4	65.4	98.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.624 ug/l

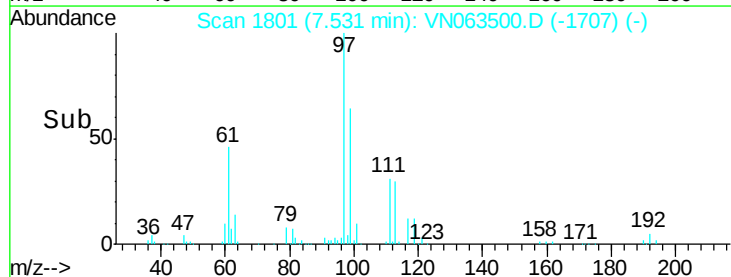
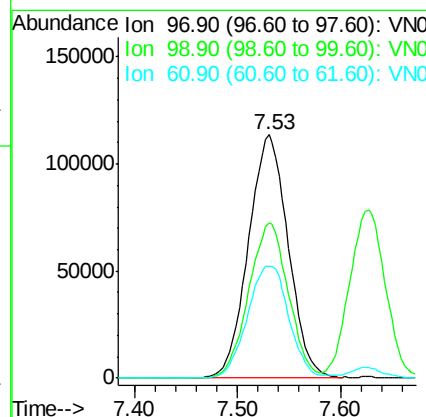
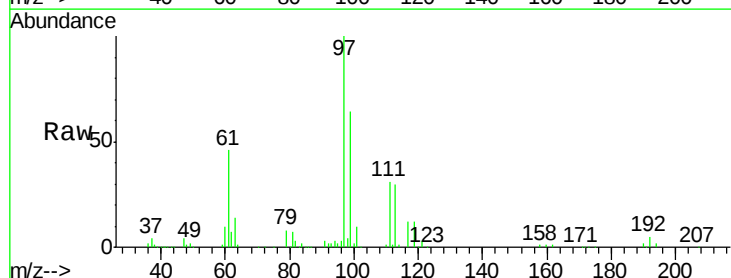
RT: 7.53 min Scan# 1801

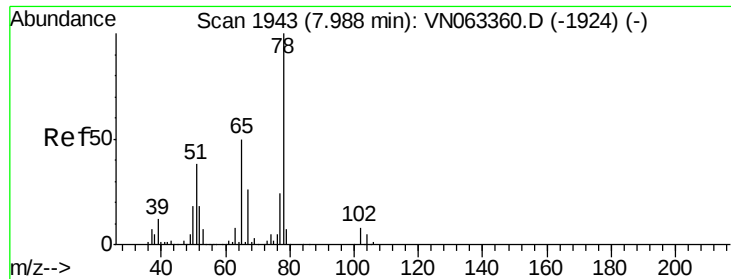
Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion:	97	Resp:	303783
Ion Ratio	Lower	Upper	
97	100		
99	63.5	50.6	76.0
61	48.1	39.2	58.8





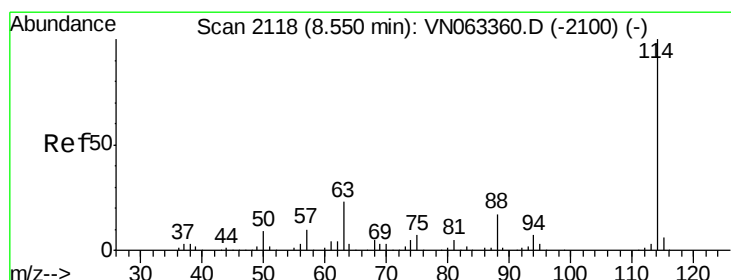
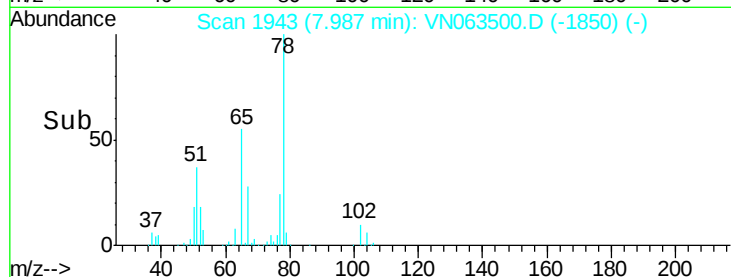
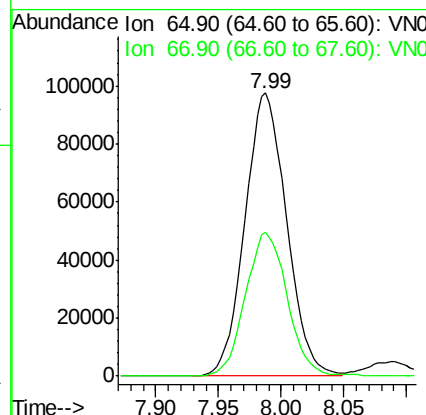
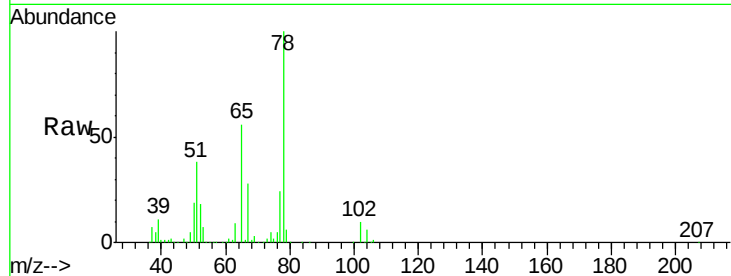
#33
 1,2-Dichloroethane-d4
 Concen: 47.124 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.2

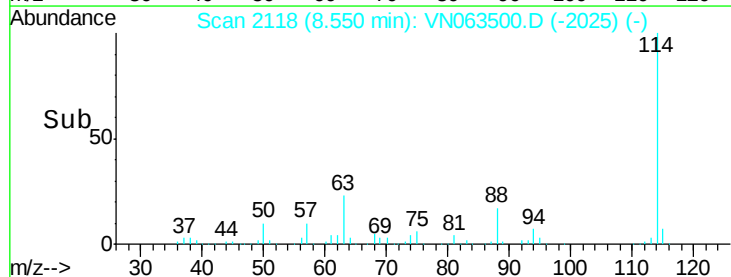
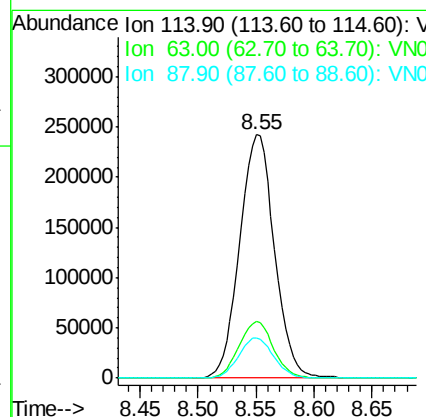
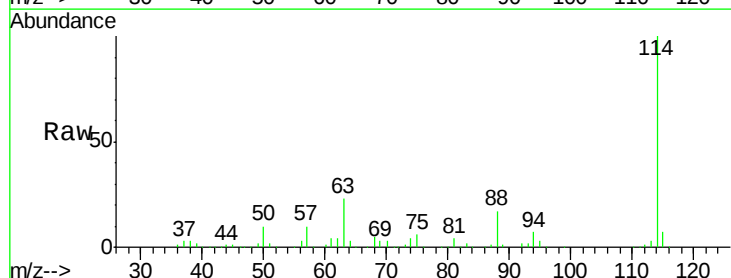
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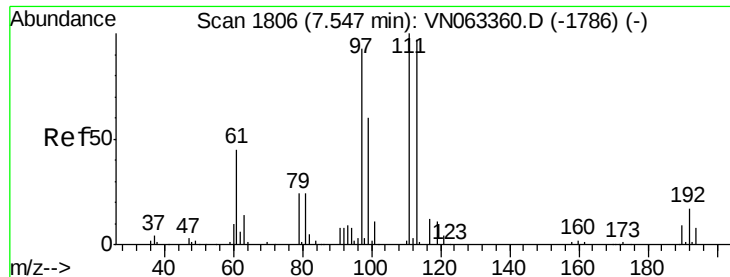
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.4
88	16.6	0.0	33.2





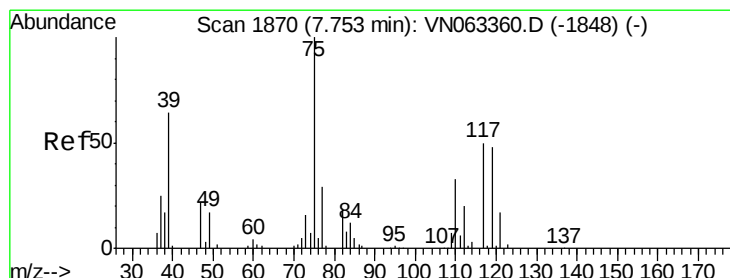
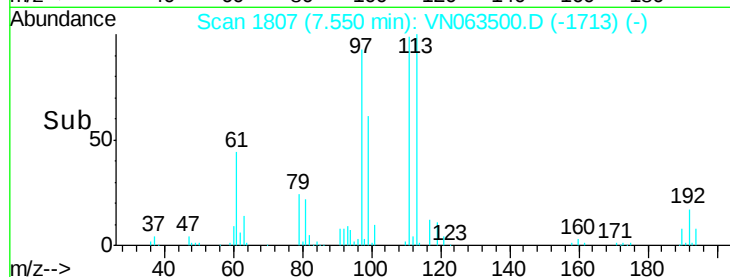
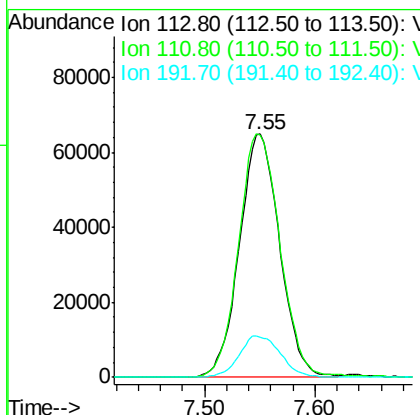
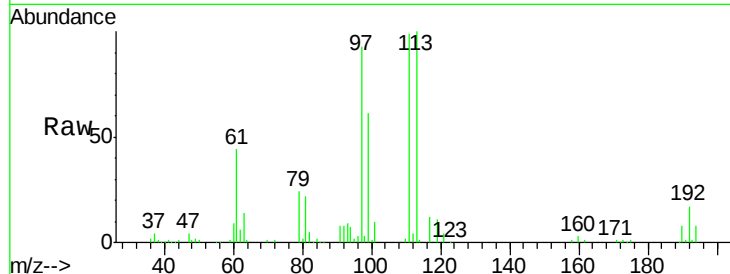
#35
 Dibromofluoromethane
 Concen: 46.818 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	163990		
111	103.1	82.9	124.3	
192	17.5	13.9	20.9	

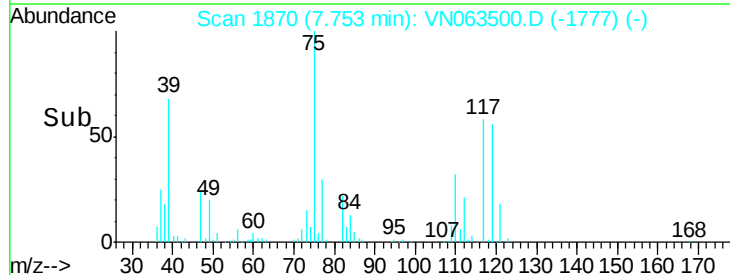
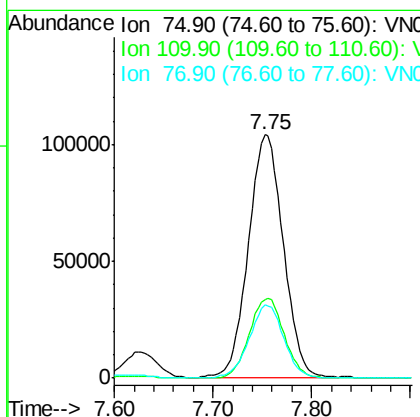
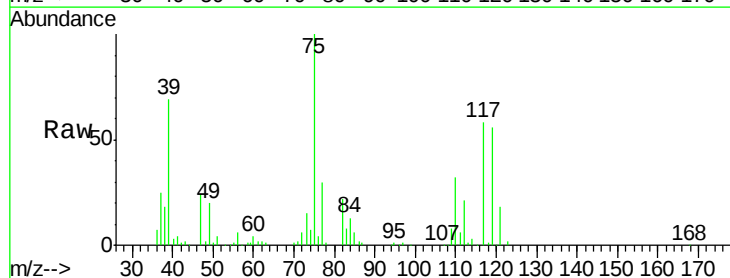
Manual Integrations
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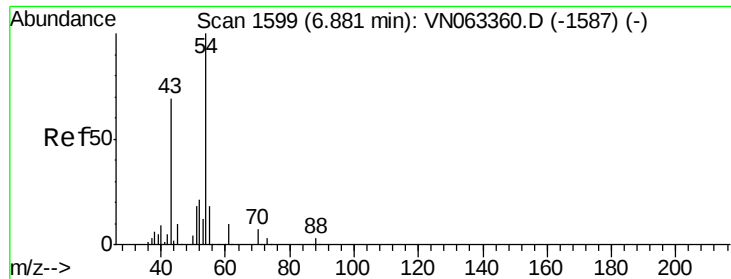
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#36
 1,1-Dichloropropene
 Concen: 47.007 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	253387		
110	32.8	16.5	49.5	
77	30.0	24.6	36.8	





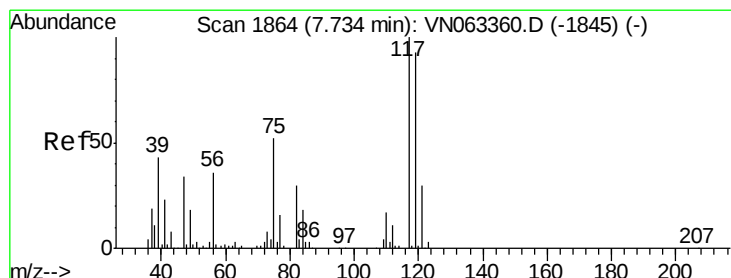
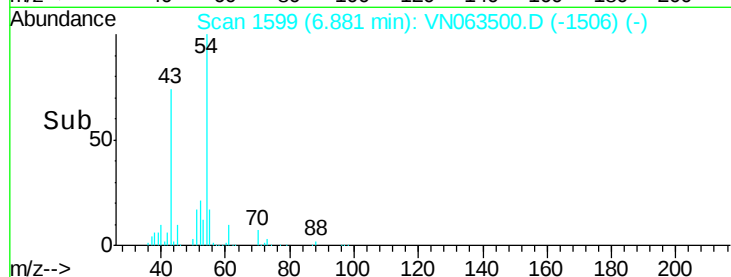
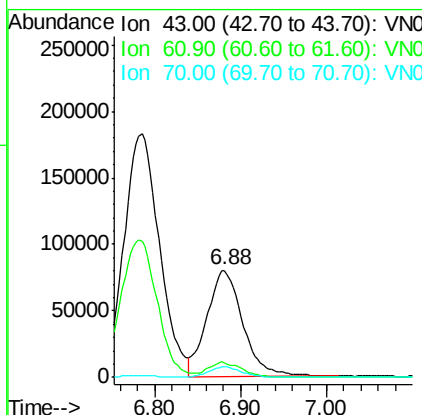
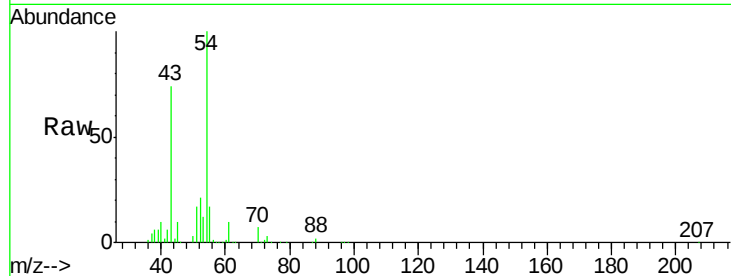
#37
Ethyl Acetate
Concen: 43.933 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.6	15.8
70	8.7	7.2	10.8

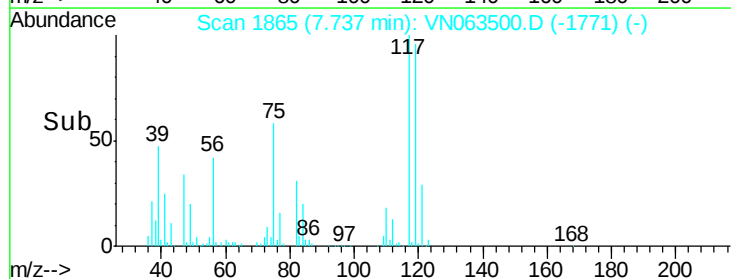
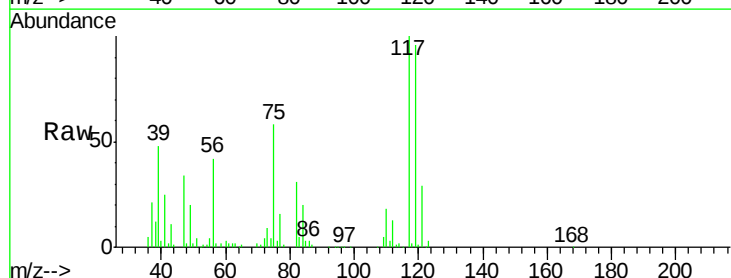
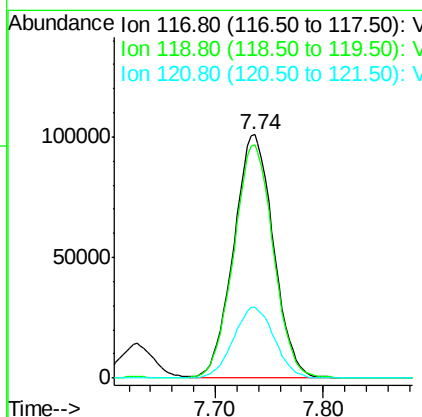
Manual Integrations
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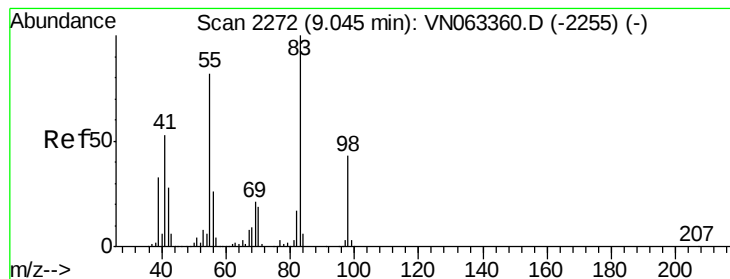
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#38
Carbon Tetrachloride
Concen: 46.857 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.5	111.7
121	29.4	24.1	36.1





#39

Methvlcvclohexane

Concen: 43.670 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

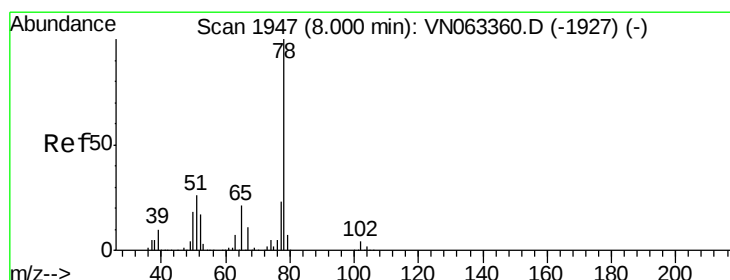
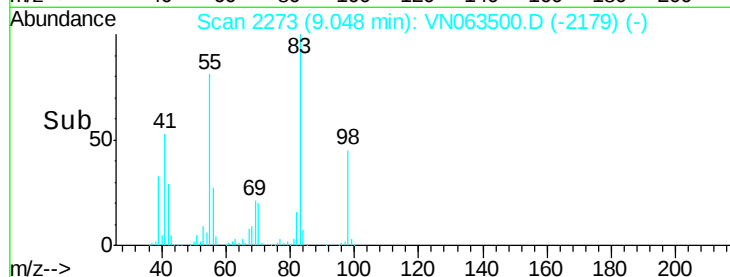
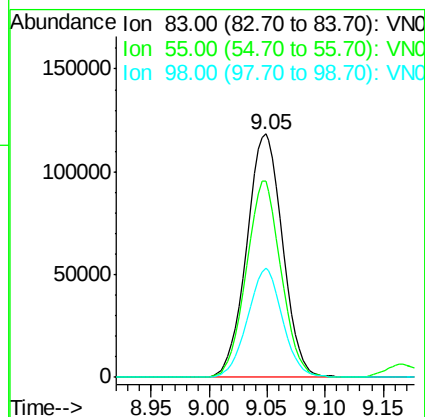
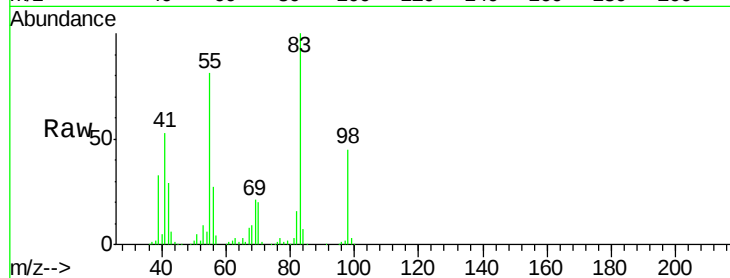
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	255485
Ion Ratio	Lower	Upper	
83	100		
55	80.7	65.5	98.3
98	44.7	34.2	51.4

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#40

Benzene

Concen: 47.455 ug/l

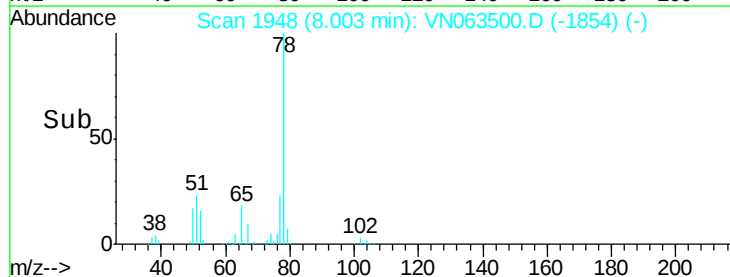
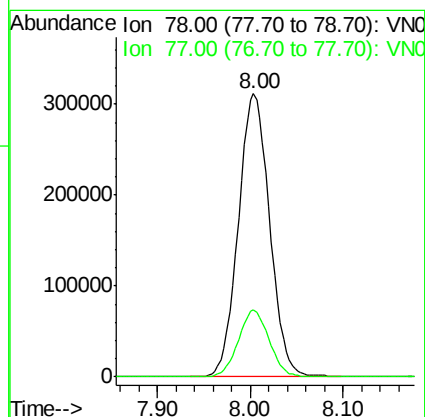
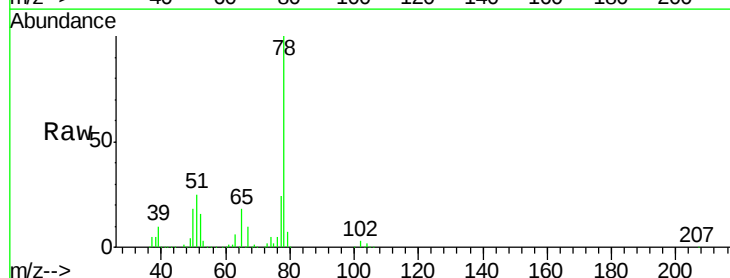
RT: 8.00 min Scan# 1948

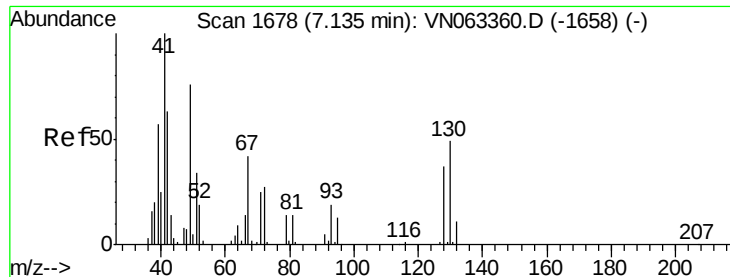
Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion:	78	Resp:	730210
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.3	27.5





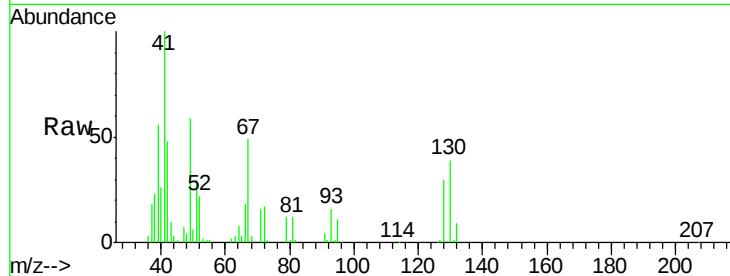
#41
Methacrylonitrile
Concen: 44.612 ug/l m
RT: 7.13 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

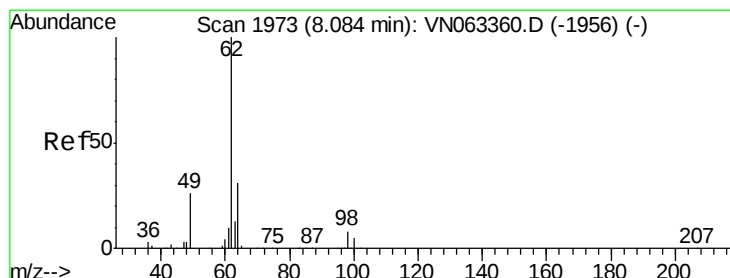
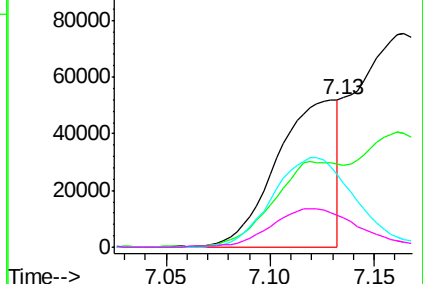
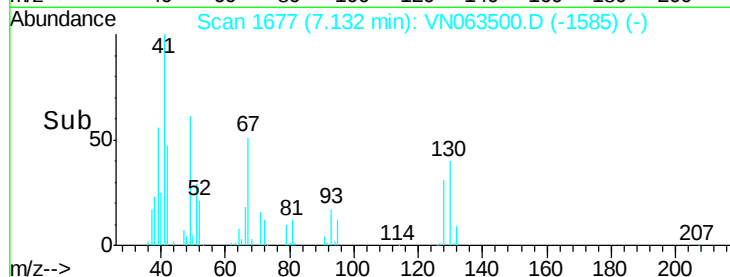
Tot Ion	Ratio	Resp	Lower	Upper
41	100	106152		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

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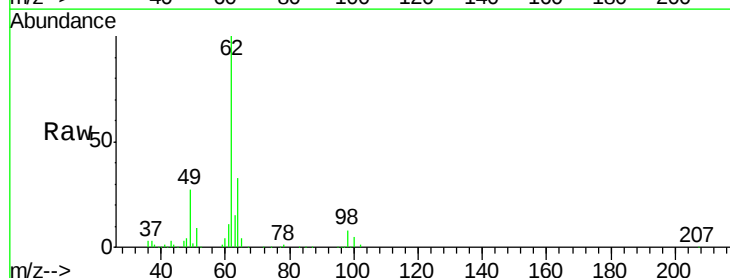


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-1658) (-)
Ion 39.00 (38.70 to 39.70): VN063360.D (-1658) (-)
Ion 67.00 (66.70 to 67.70): VN063360.D (-1658) (-)
Ion 52.00 (51.70 to 52.70): VN063360.D (-1658) (-)

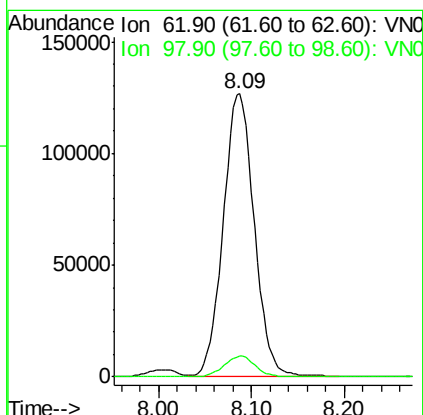
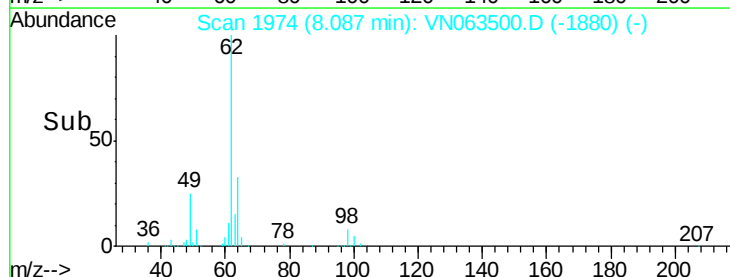


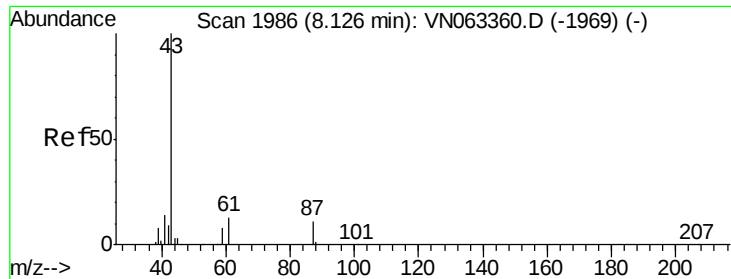
#42
1,2-Dichloroethane
Concen: 47.236 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	292303		
98	7.5	0.0	15.6	



Abundance Ion 61.90 (61.60 to 62.60): VN063360.D (-1956) (-)
Ion 97.90 (97.60 to 98.60): VN063360.D (-1956) (-)





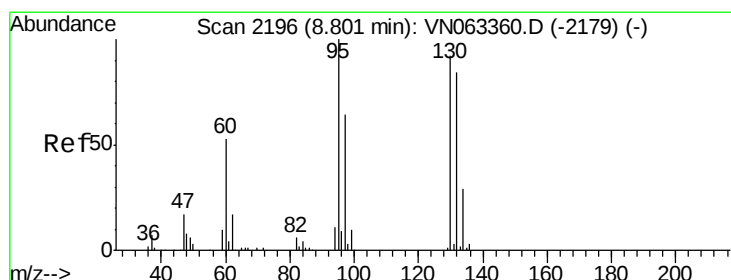
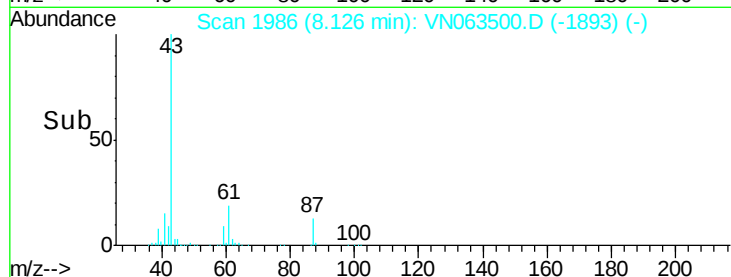
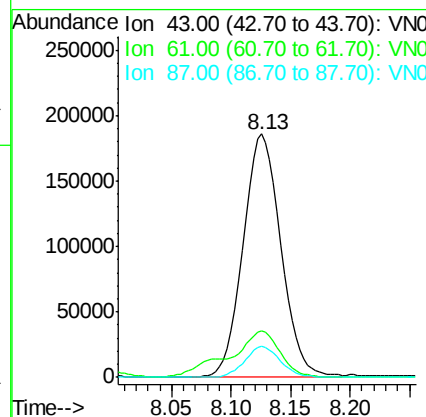
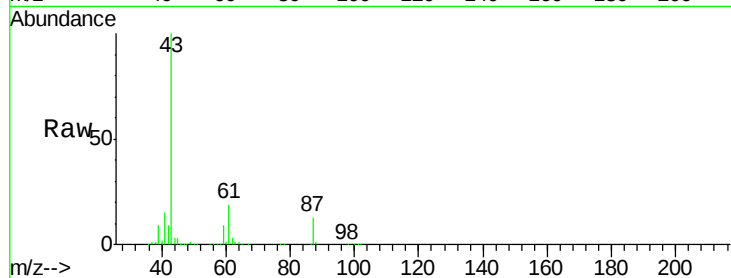
#43
Isopropyl Acetate
Concen: 43.106 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.4	14.2	21.2#
87	12.1	9.0	13.6

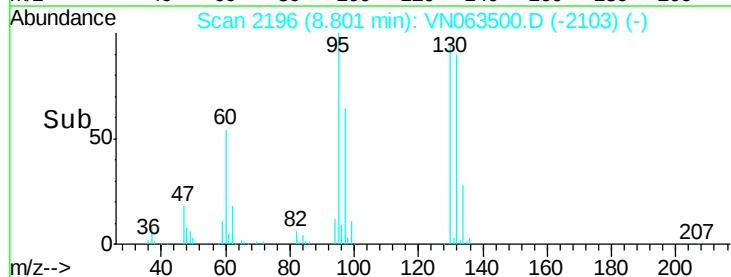
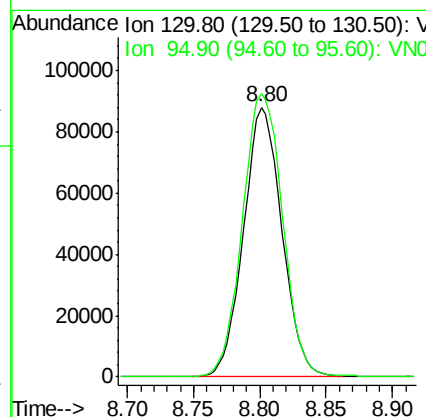
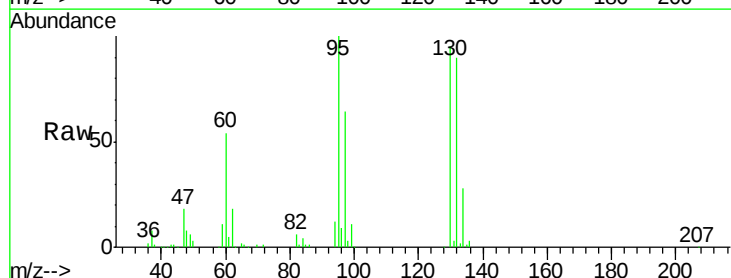
Manual Integrations
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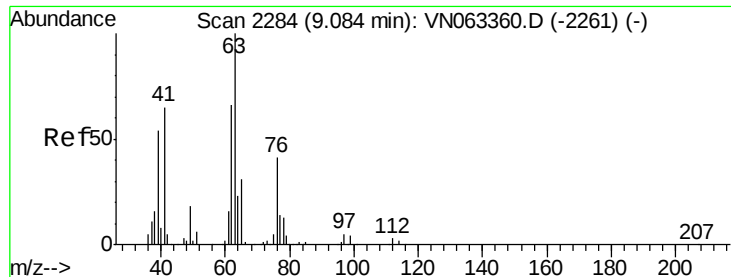
MMDadoda
9/22/2020 2:07:26 PM



#44
Trichloroethene
Concen: 47.559 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	217.4





#45

1,2-Dichloropropane

Concen: 47.193 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 197780

Ion Ratio Lower Upper

63 100

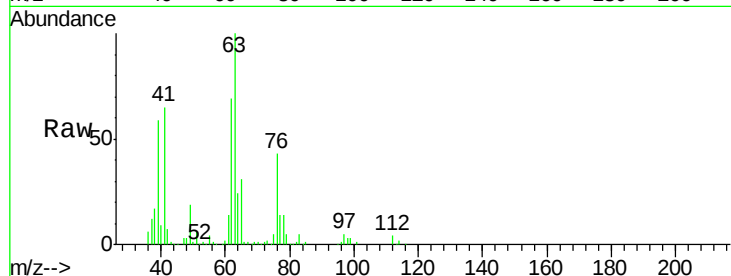
65 30.8 25.0 37.6

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Abundance Ion 62.90 (62.60 to 63.60): VN063360.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN063360.D (-2261) (-)

9.08

100000

80000

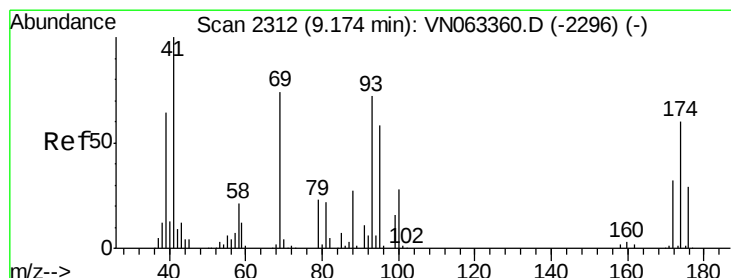
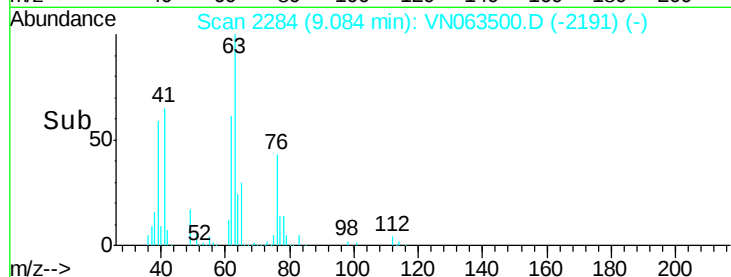
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 47.674 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

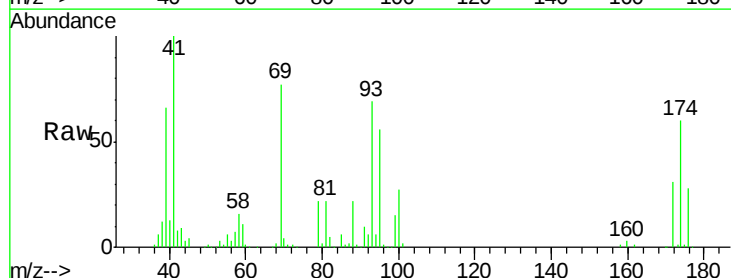
Tgt Ion: 93 Resp: 131319

Ion Ratio Lower Upper

93 100

95 83.6 65.6 98.4

174 86.5 68.1 102.1



Abundance Ion 92.80 (92.50 to 93.50): VN063360.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN063360.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN063360.D (-2296) (-)

9.17

80000

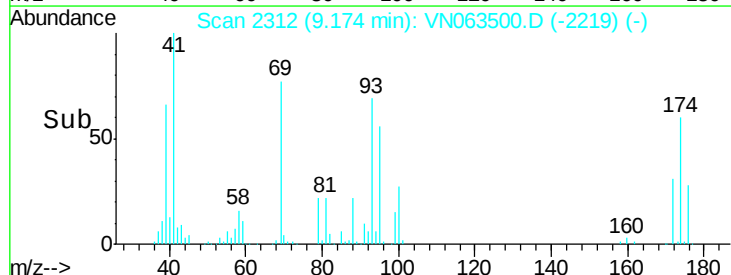
60000

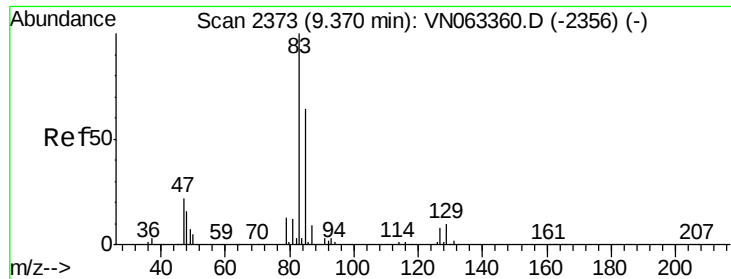
40000

20000

0

Time--> 9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 48.077 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

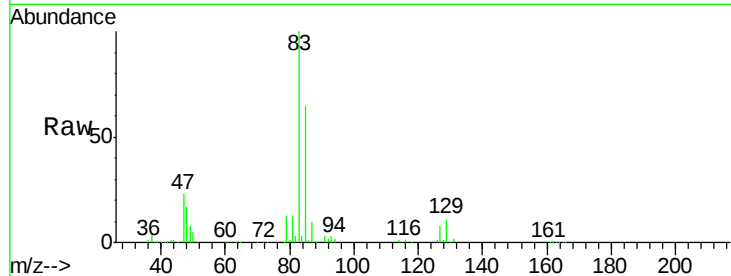
ClientSampleId :

VSTDCCC050EC

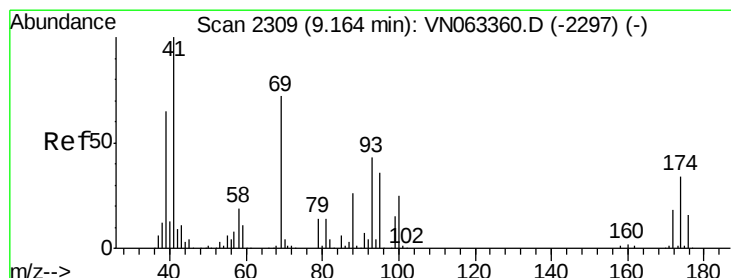
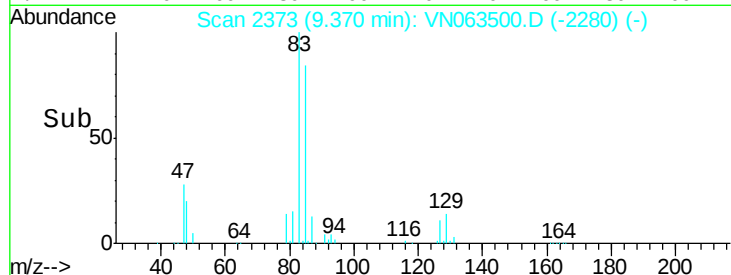
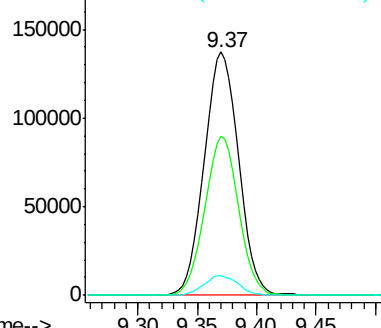
Tot Ion:	83	Resp:	275117
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.0	76.6
127	8.2	6.3	9.5

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Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)



#48

Methyl methacrylate

Concen: 44.106 ug/l

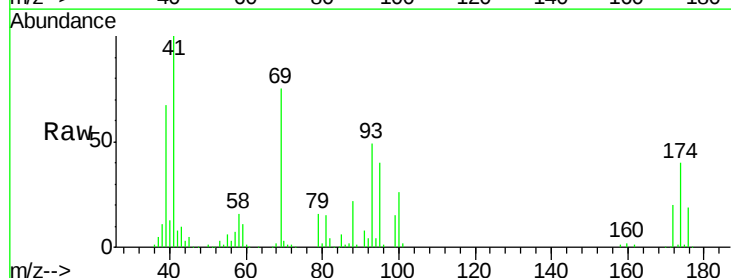
RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

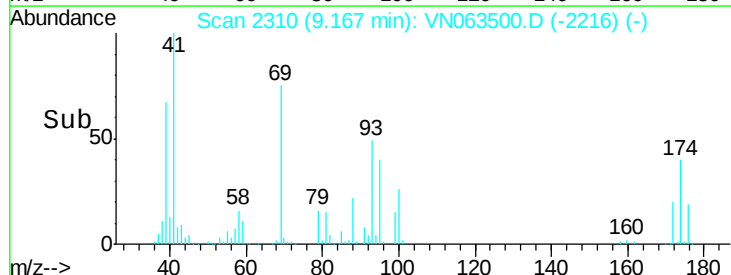
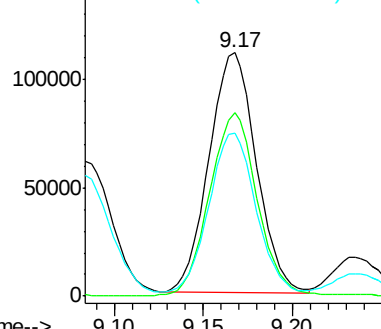
Lab File: VN063500.D

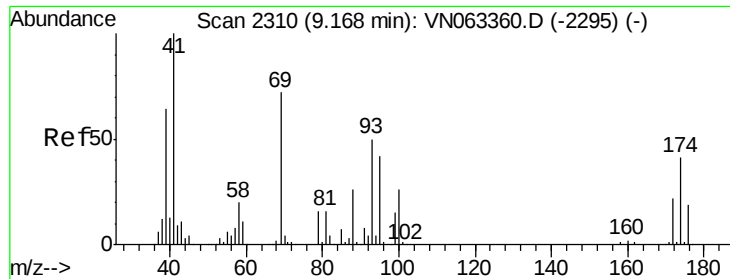
Acq: 21 Sep 2020 20:54

Tgt Ion:	41	Resp:	204990
Ion Ratio	Lower	Upper	
41	100		
69	77.4	59.3	88.9
39	68.8	52.9	79.3



Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)





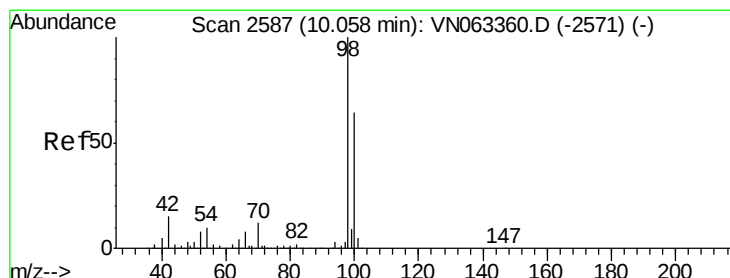
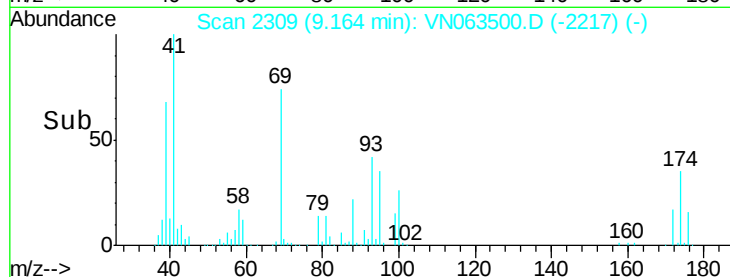
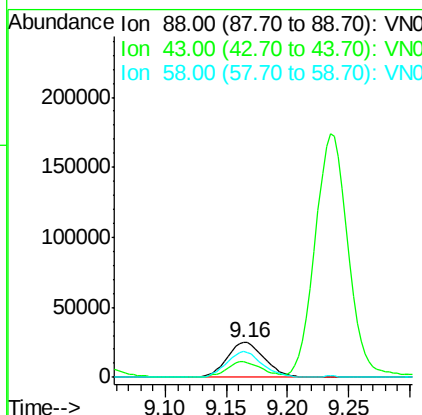
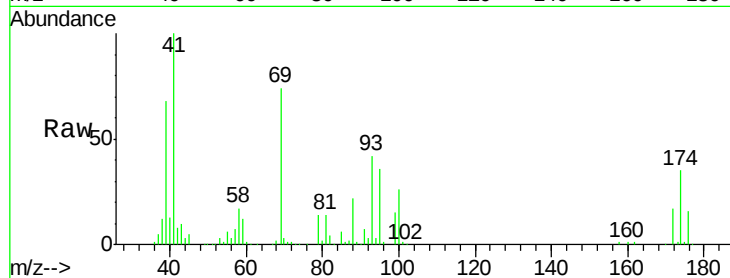
#49
 1,4-Dioxane
 Concen: 802.810 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.5	32.6	49.0
58	70.8	60.0	90.0

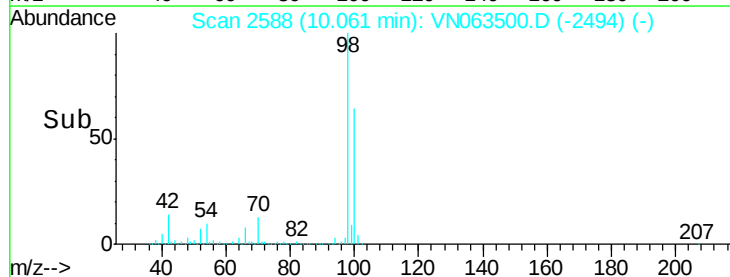
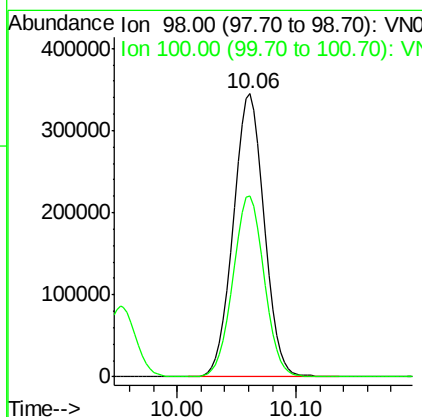
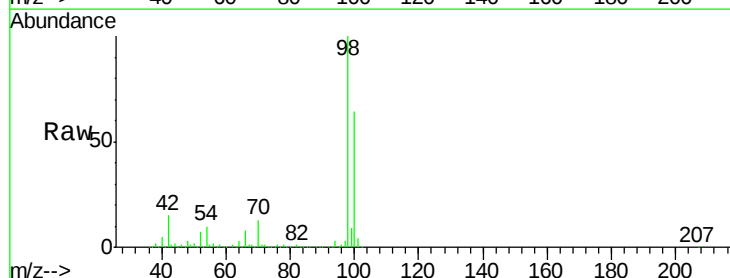
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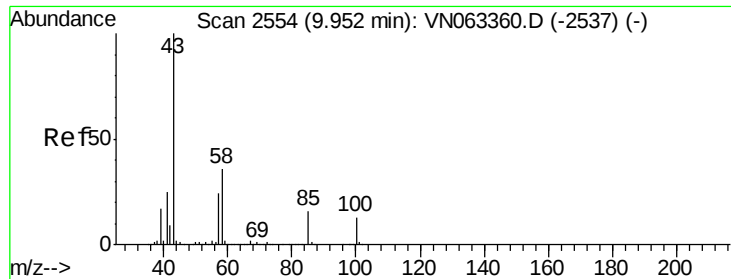
MMDadoda
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#50
 Toluene-d8
 Concen: 47.178 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 224.373 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1188265

Ion Ratio Lower Upper

43 100

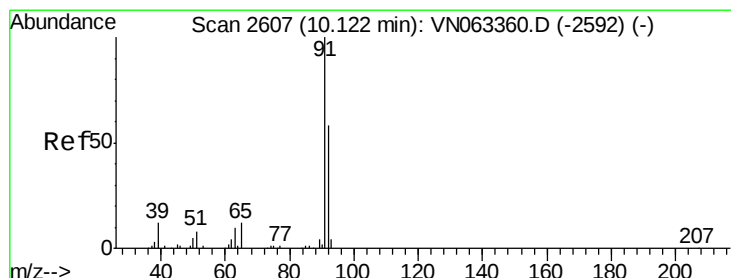
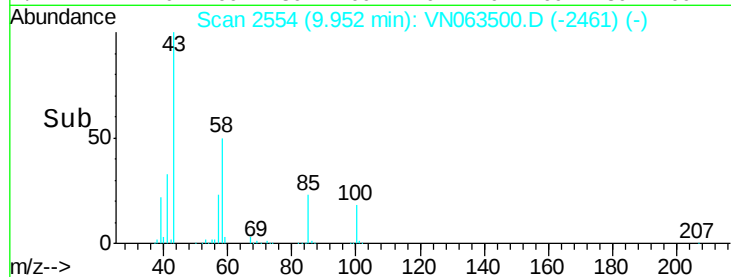
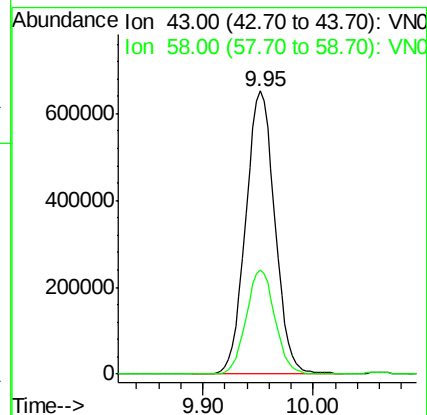
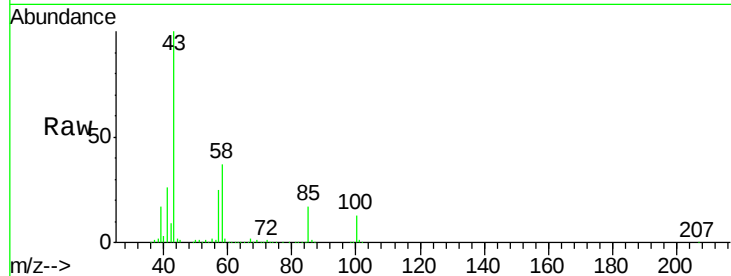
58 36.4 29.0 43.6

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9/22/2020 2:07:26 PM



#52

Toluene

Concen: 49.125 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063500.D

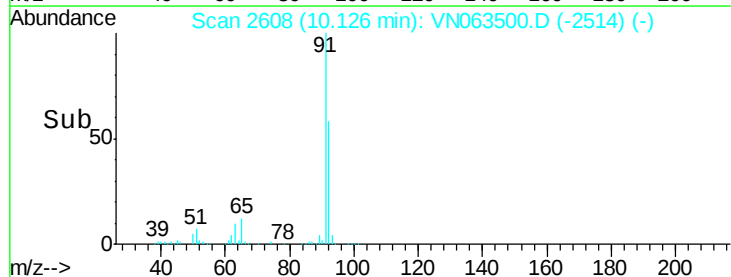
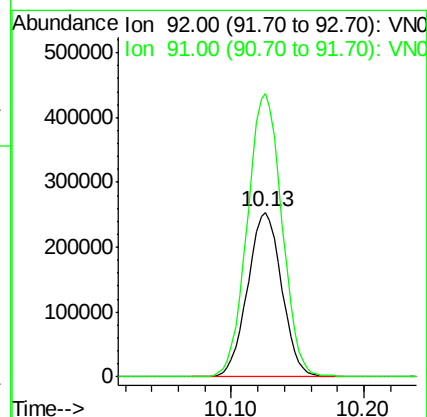
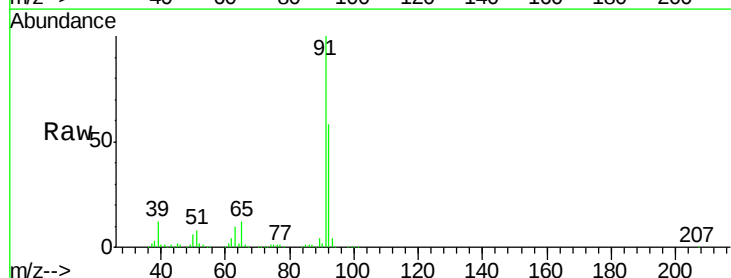
Acq: 21 Sep 2020 20:54

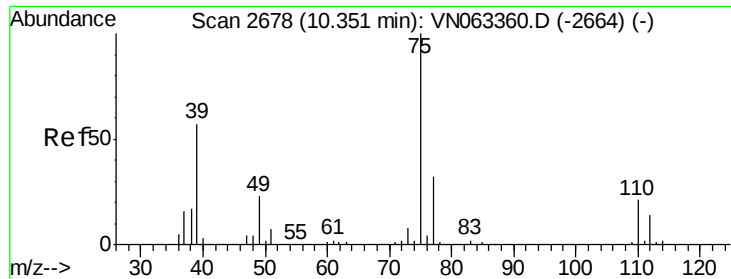
Tgt Ion: 92 Resp: 454484

Ion Ratio Lower Upper

92 100

91 174.8 139.7 209.5





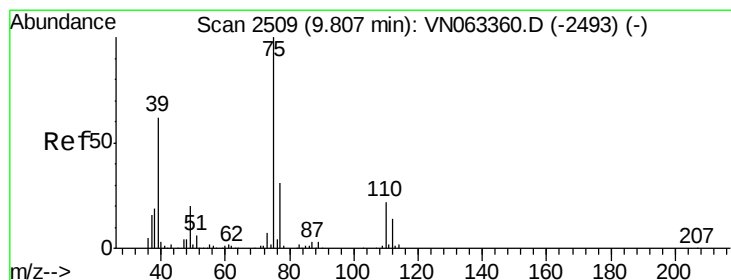
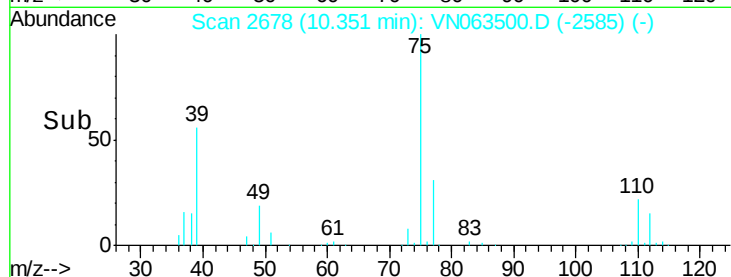
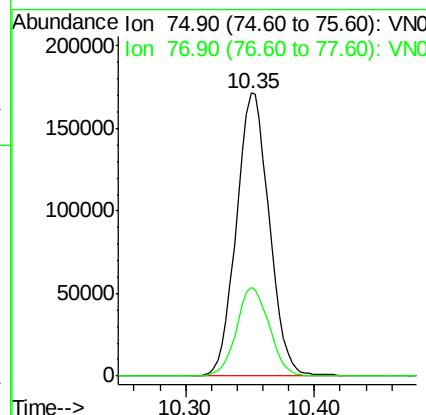
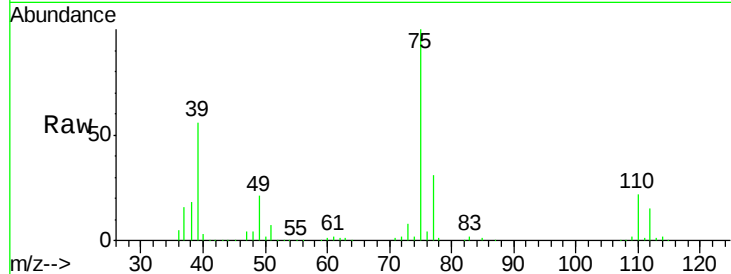
#53
t-1,3-Dichloropropene
Concen: 47.557 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 303813
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

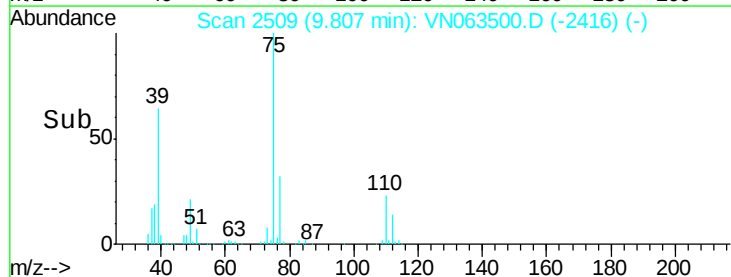
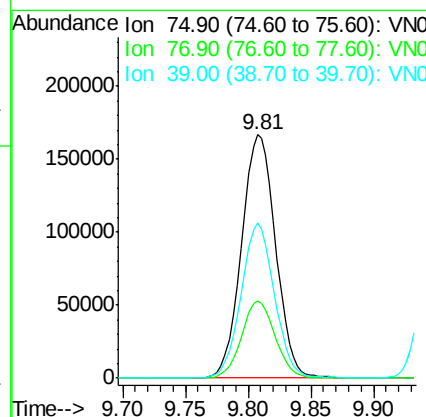
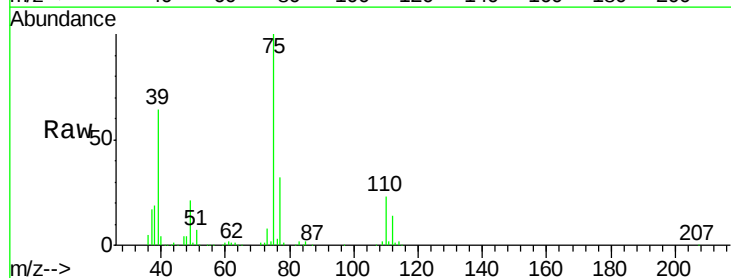
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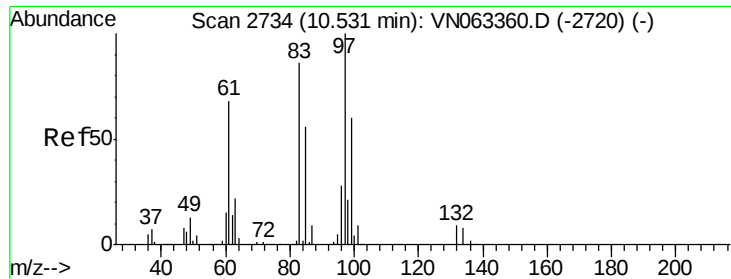
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 46.736 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 75 Resp: 314929
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0
39 63.7 49.8 74.8





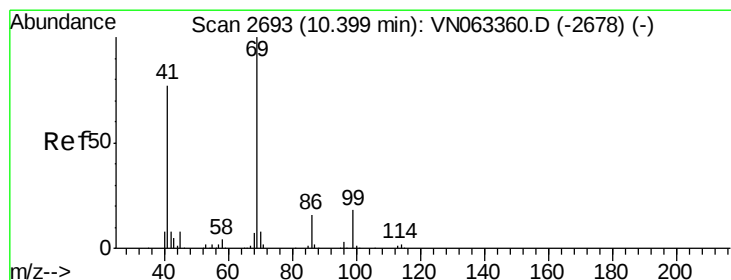
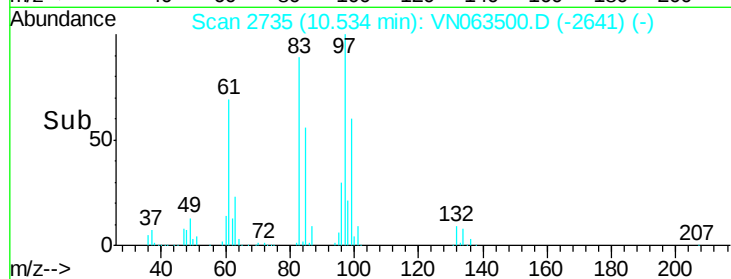
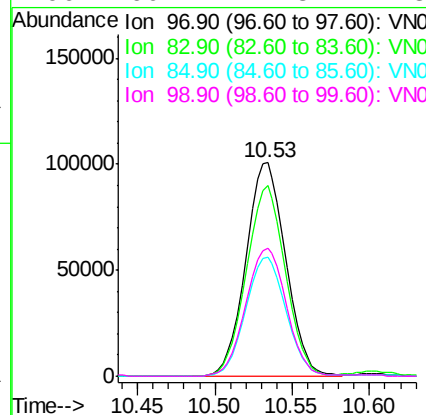
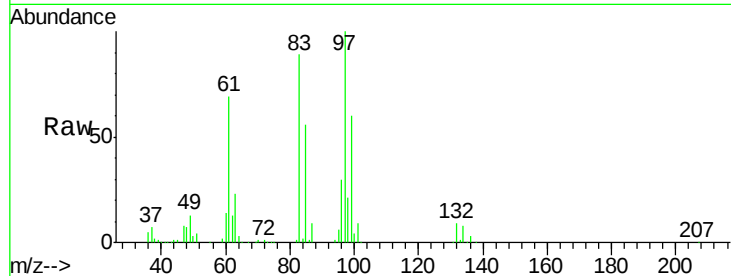
#55
 1,1,2-Trichloroethane
 Concen: 49.268 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	181048
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.9	103.3
85	55.9	44.8	67.2
99	60.2	47.8	71.8

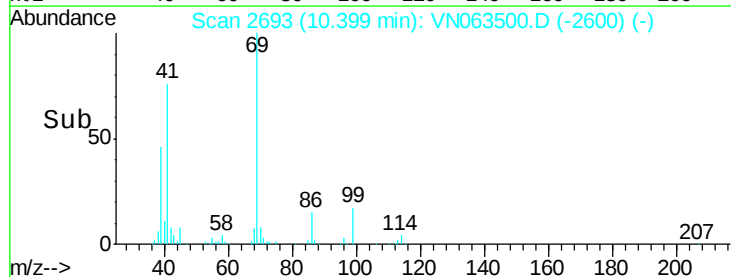
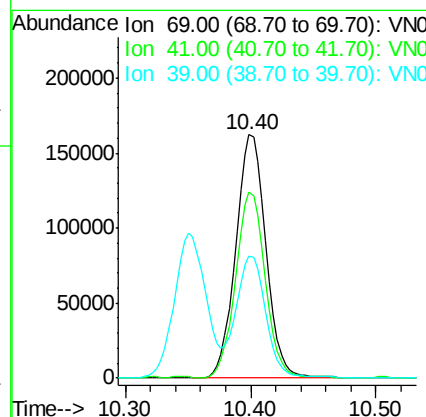
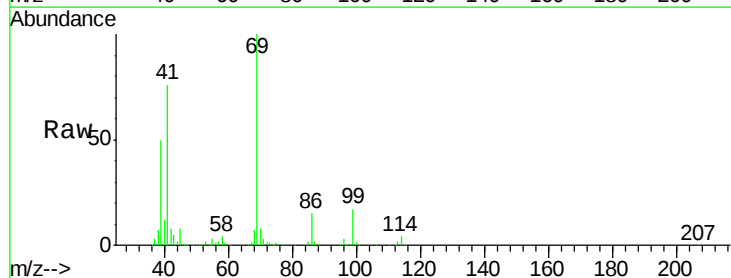
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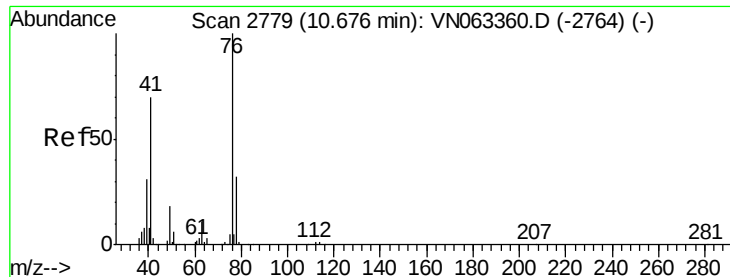
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#56
 Ethyl methacrylate
 Concen: 47.234 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion:	69	Resp:	270968
Ion	Ratio	Lower	Upper
69	100		
41	74.5	61.0	91.6
39	48.9	39.2	58.8





#57

1,3-Dichloropropane

Concen: 46.001 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 304841

Ion Ratio Lower Upper

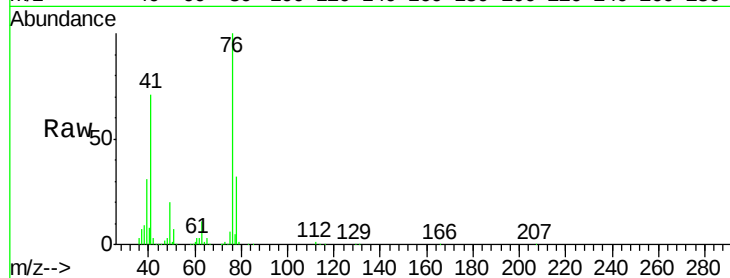
76 100

78 32.6 25.8 38.8

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VN063360.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN063360.D (-2764) (-)

10.68

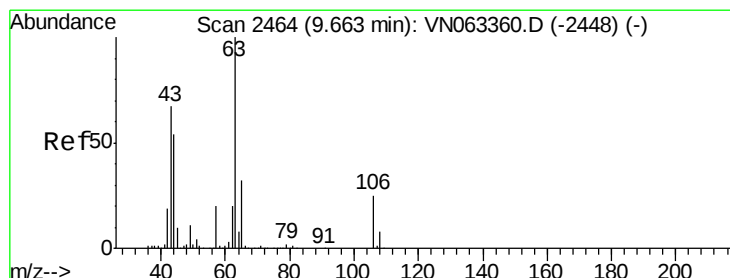
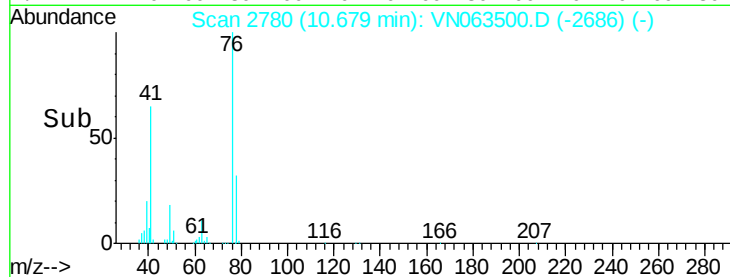
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 230.118 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063500.D

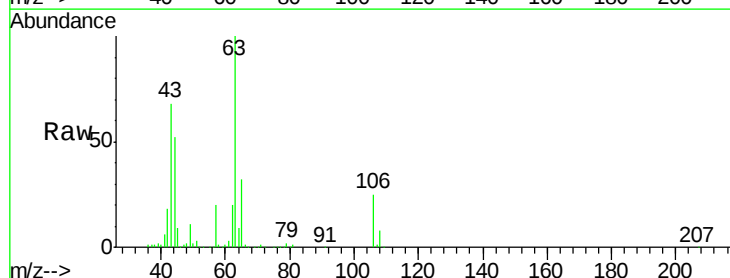
Acq: 21 Sep 2020 20:54

Tgt Ion: 63 Resp: 692509

Ion Ratio Lower Upper

63 100

106 25.5 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN063360.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN063360.D (-2448) (-)

9.66

400000

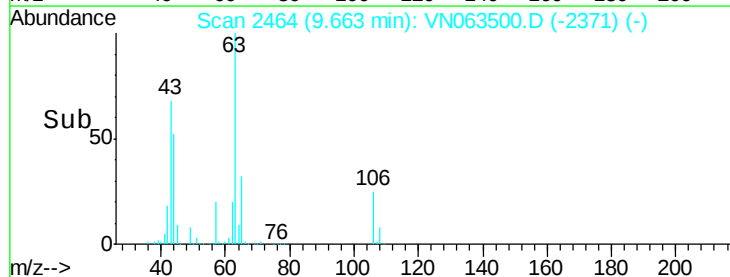
300000

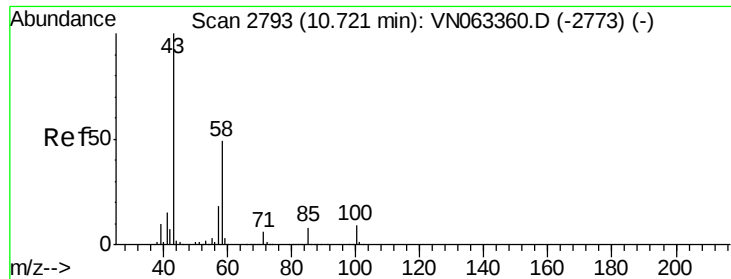
200000

100000

0

Time-->





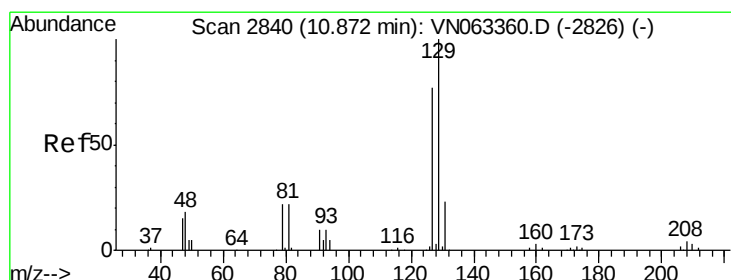
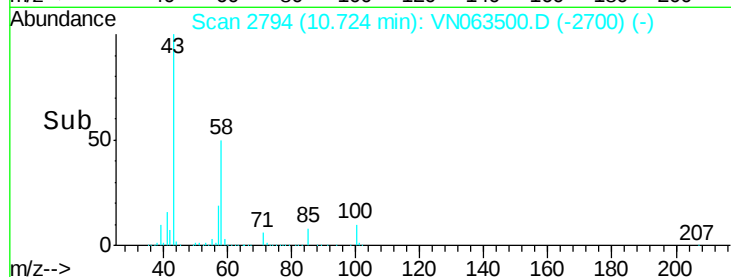
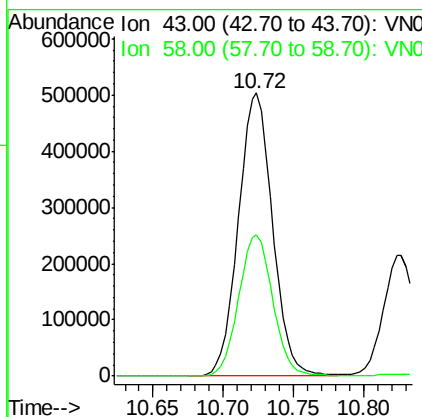
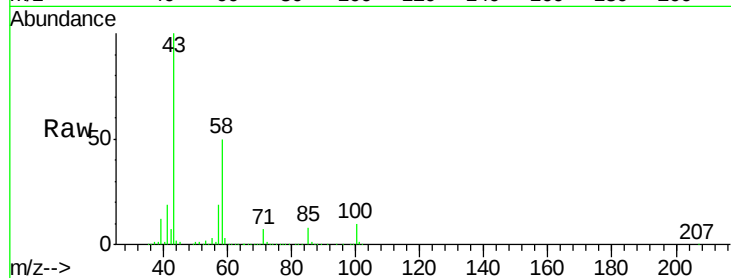
#59
2-Hexanone
Concen: 222.292 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 852883
Ion Ratio Lower Upper
43 100
58 50.2 24.7 74.1

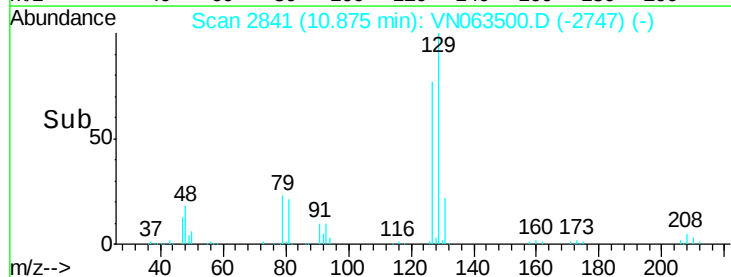
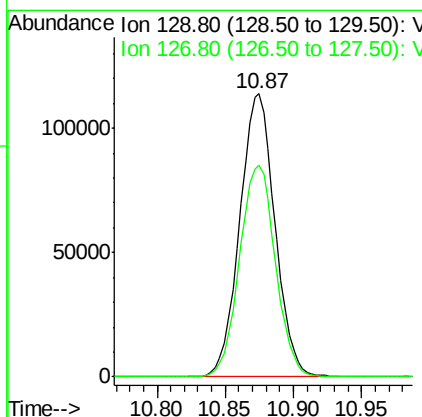
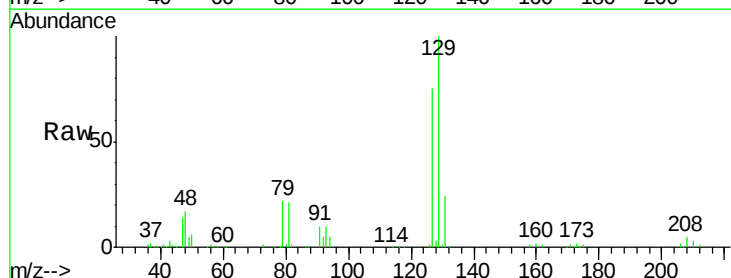
Manual Integrations
APPROVED

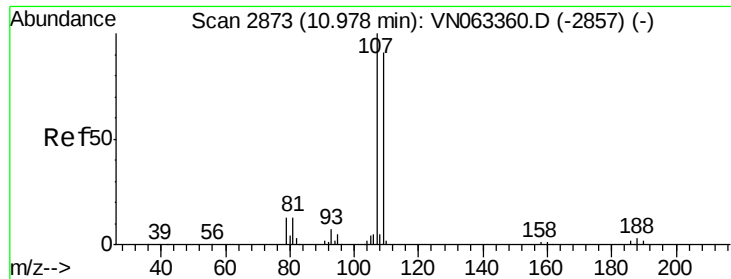
MMDadoda
9/22/2020 2:07:26 PM



#60
Dibromochloromethane
Concen: 49.078 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion: 129 Resp: 203747
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3





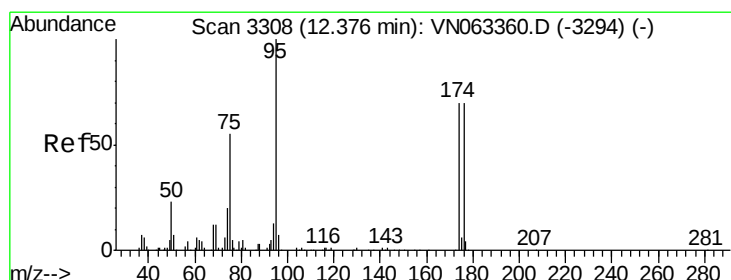
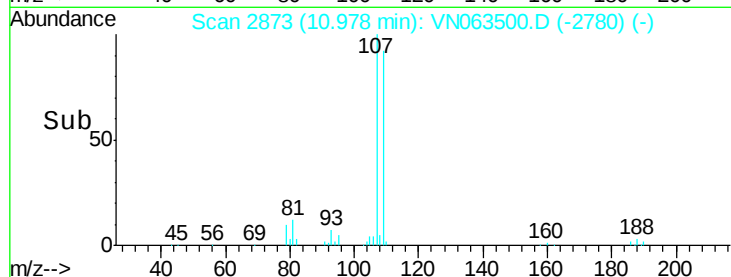
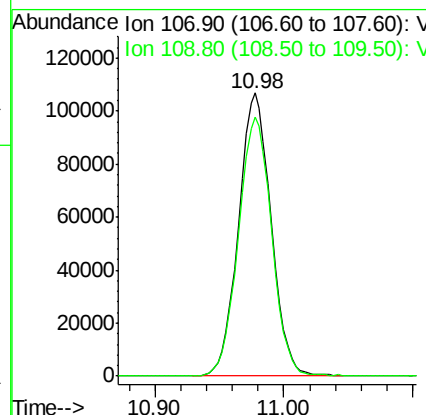
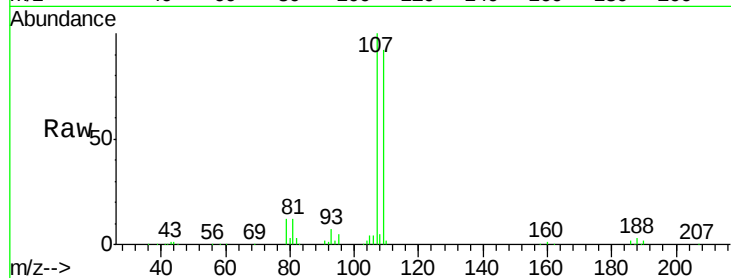
#61
 1,2-Dibromoethane
 Concen: 48.975 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	74.6	111.8

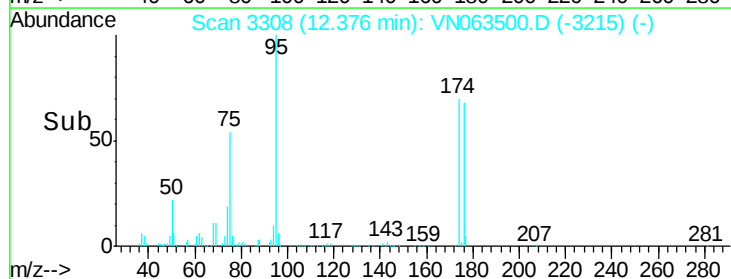
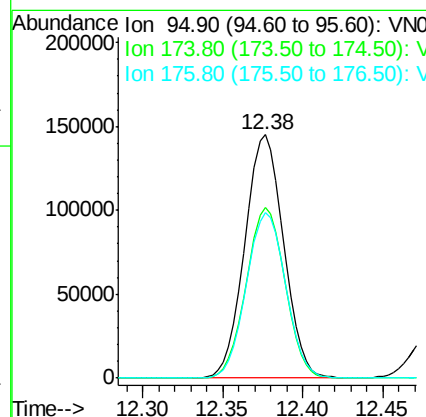
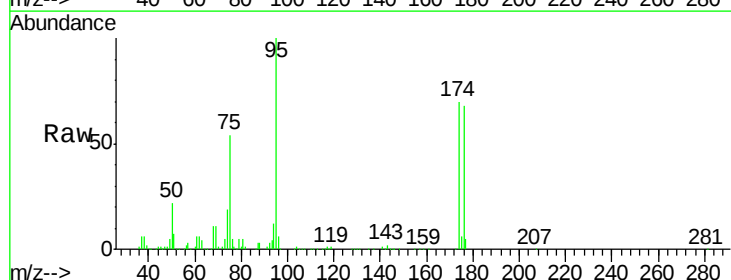
Manual Integrations
 APPROVED

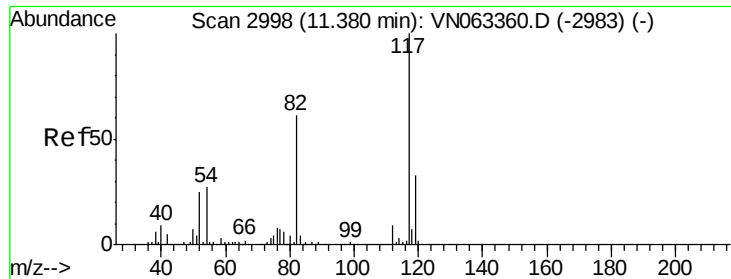
MMDadoda
 9/22/2020 2:07:26 PM



#62
 4-Bromofluorobenzene
 Concen: 49.716 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	140.8
176	69.0	0.0	137.6





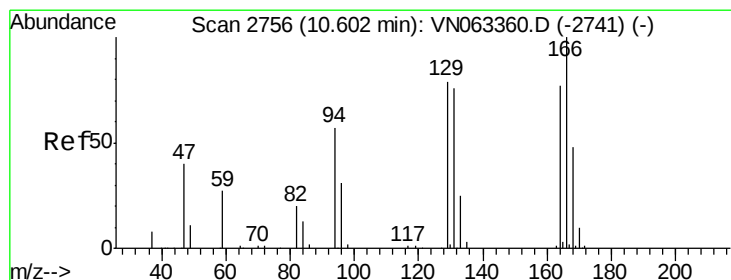
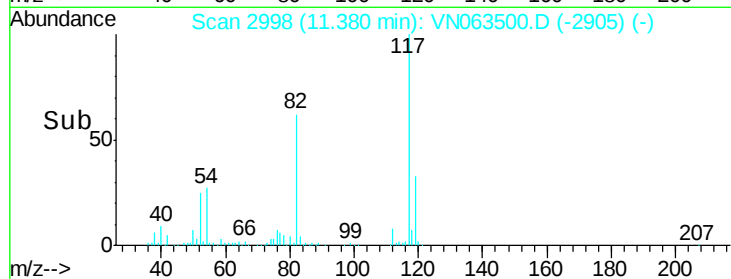
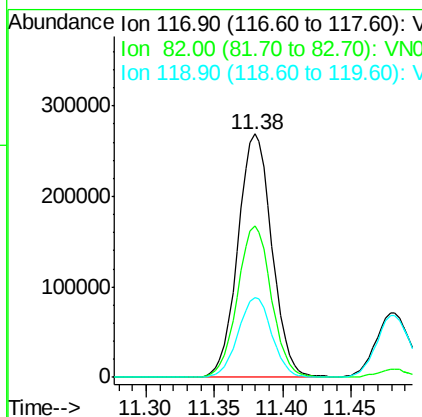
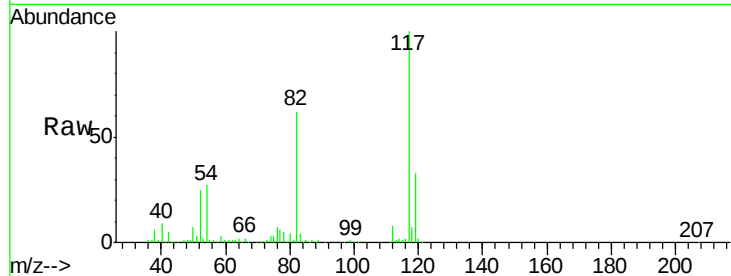
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	465685		
82	62.1	49.2	73.8	
119	33.0	26.2	39.4	

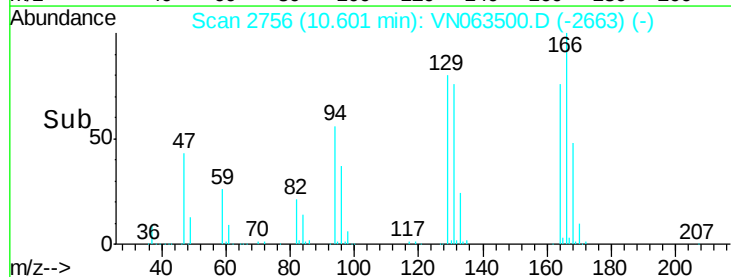
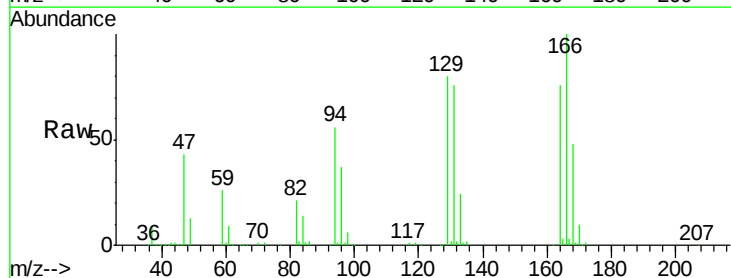
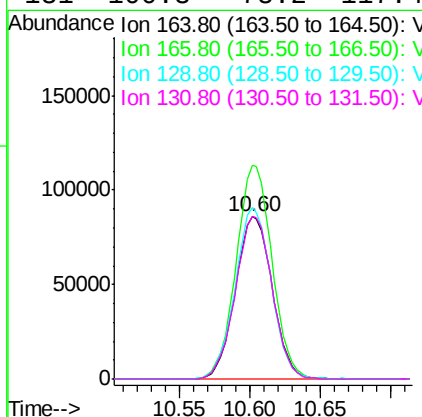
Manual Integrations
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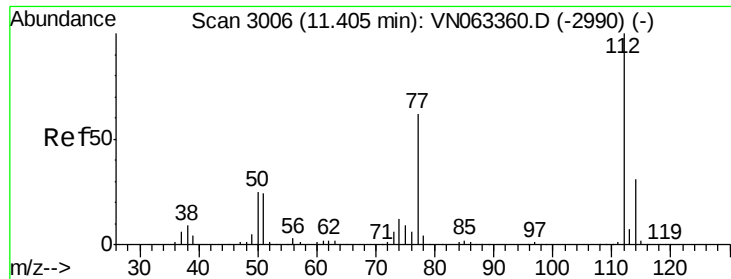
MMDadoda
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#64
Tetrachloroethene
Concen: 49.675 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	157518		
166	131.9	103.4	155.0	
129	105.6	81.8	122.6	
131	100.3	78.2	117.4	





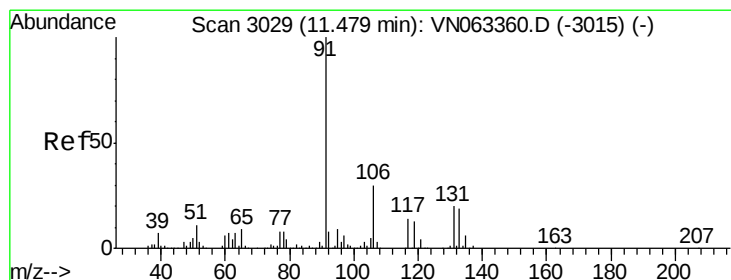
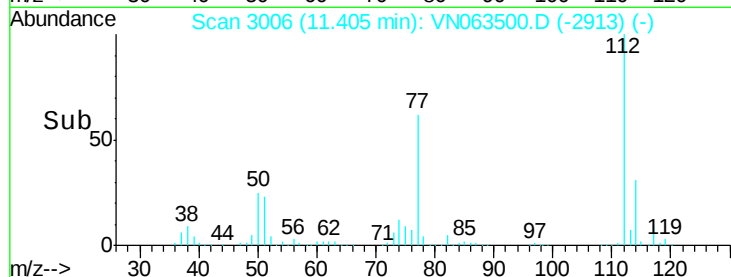
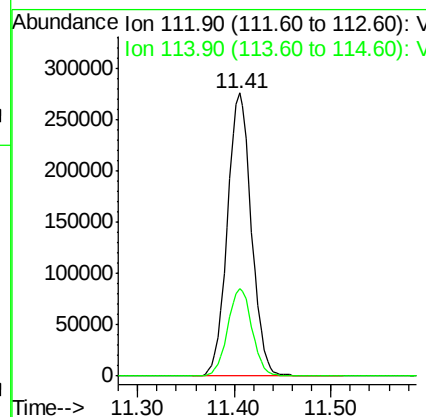
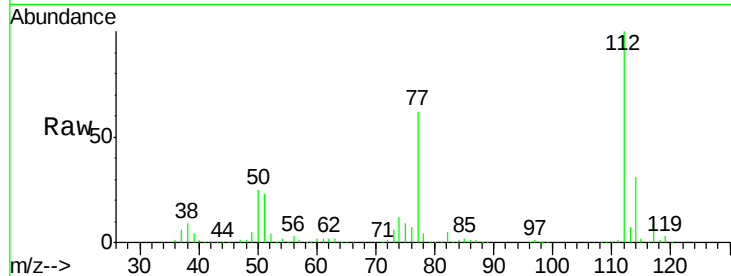
#65
Chlorobenzene
Concen: 48.137 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 475849
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6

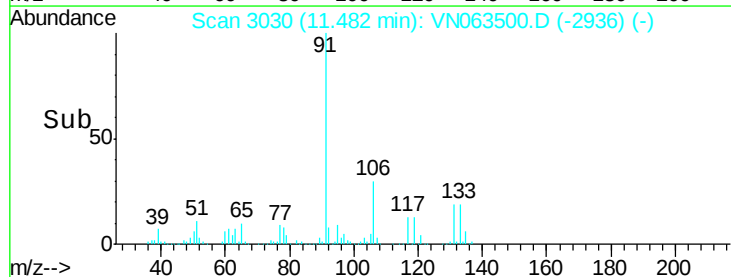
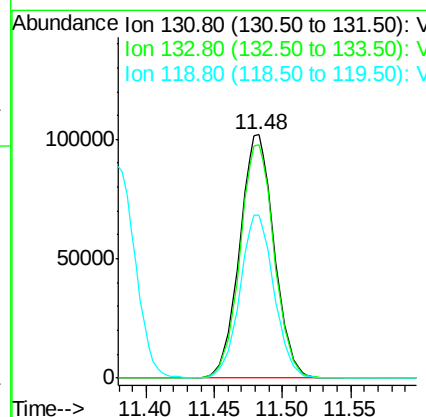
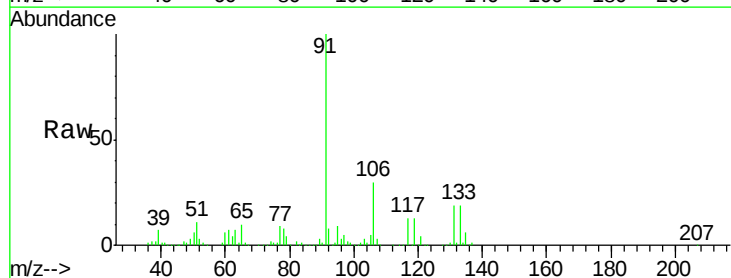
Manual Integrations
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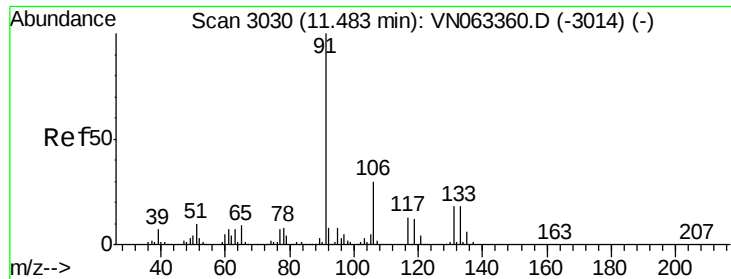
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.351 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion:131 Resp: 178826
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 66.0 33.6 100.8





#67

Ethyl Benzene

Concen: 48.039 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 894276

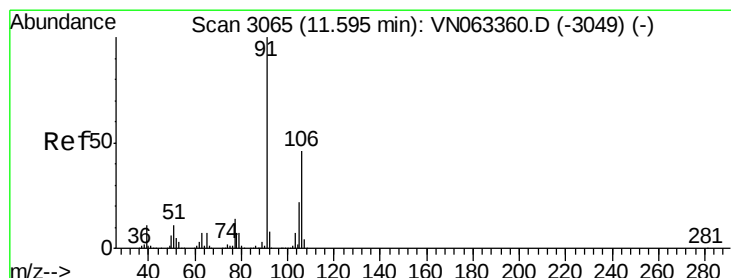
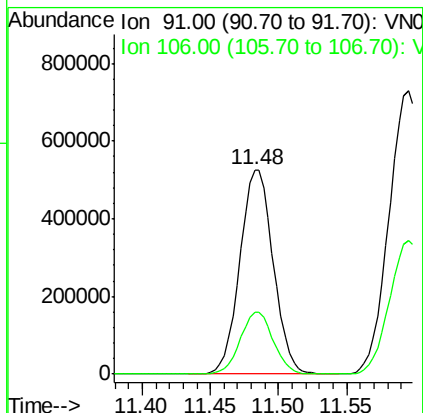
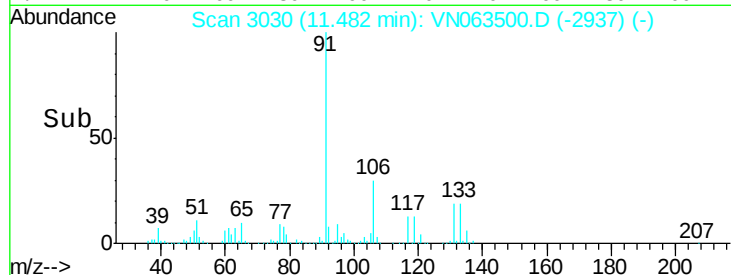
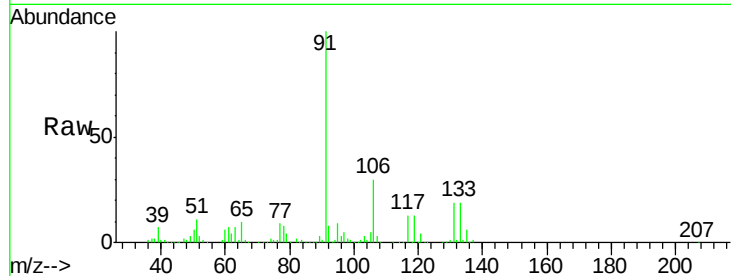
Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.6

Manual Integrations
APPROVED

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9/22/2020 2:07:26 PM



#68

m/p-Xylenes

Concen: 96.371 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063500.D

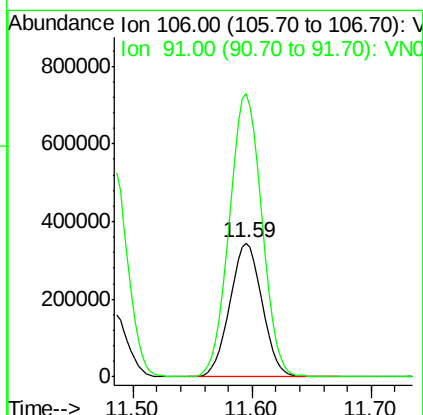
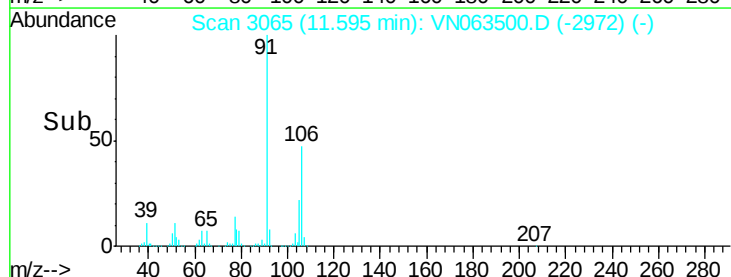
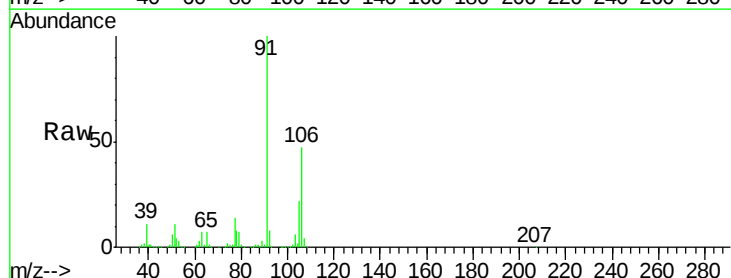
Acq: 21 Sep 2020 20:54

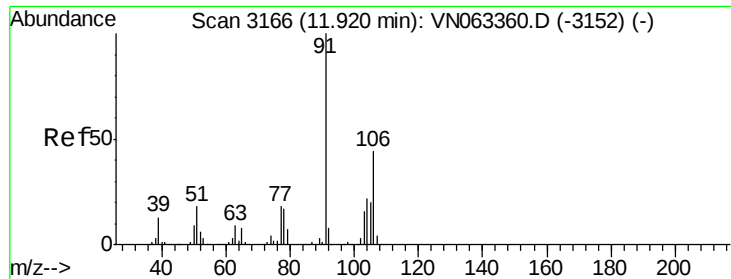
Tgt Ion: 106 Resp: 646834

Ion Ratio Lower Upper

106 100

91 213.8 171.2 256.8





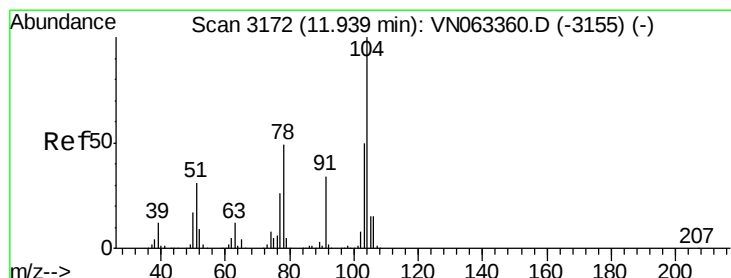
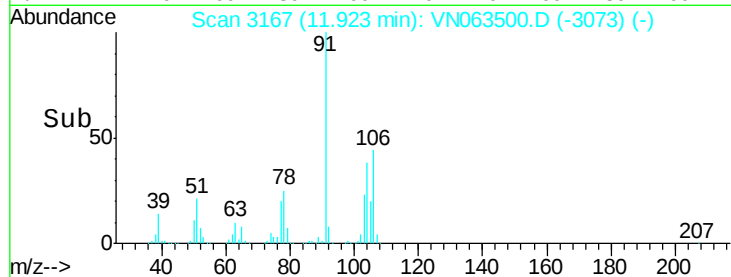
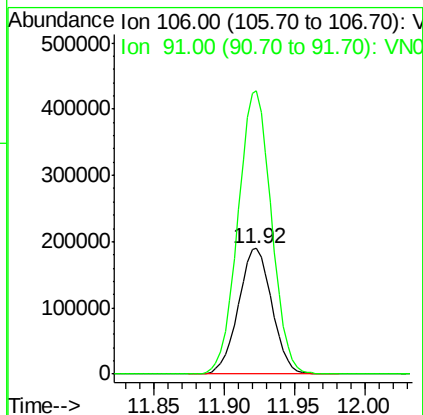
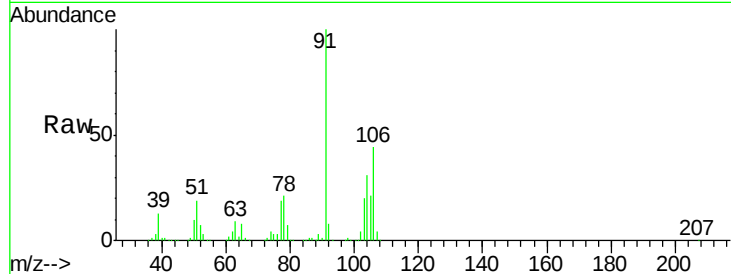
#69
o-Xylene
Concen: 49.473 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	224.6	113.6	340.8

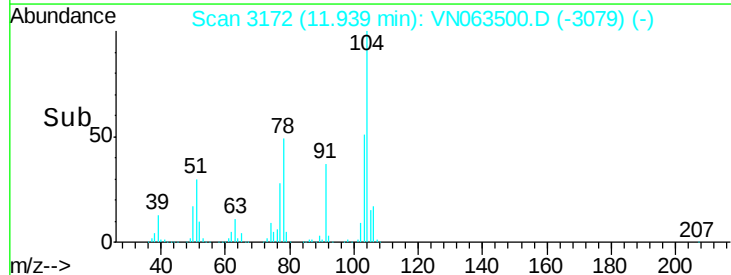
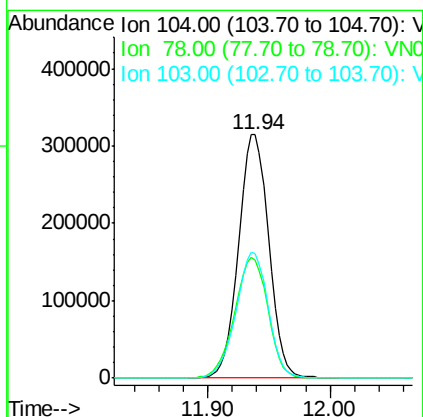
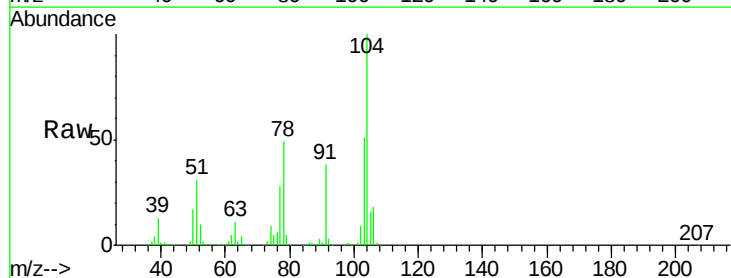
Manual Integrations
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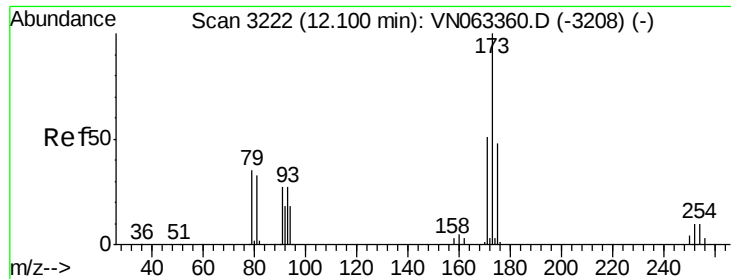
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#70
Styrene
Concen: 50.185 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.9	44.4	66.6
103	55.2	43.7	65.5





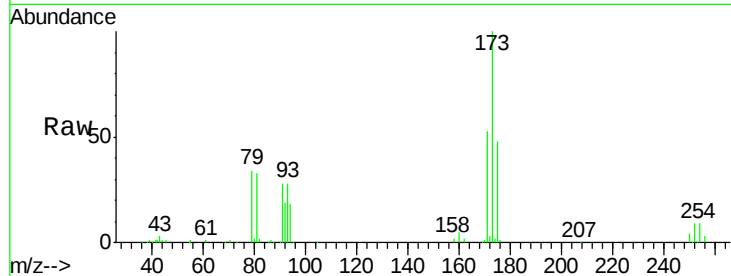
#71
Bromoform
Concen: 49.149 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

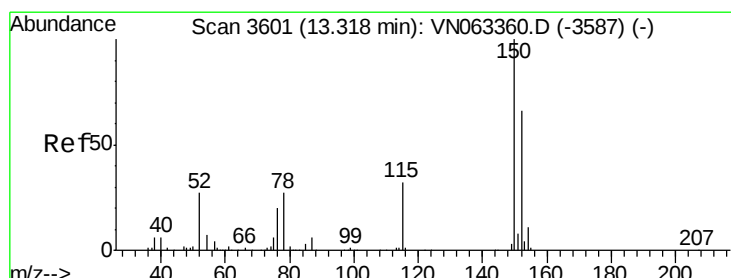
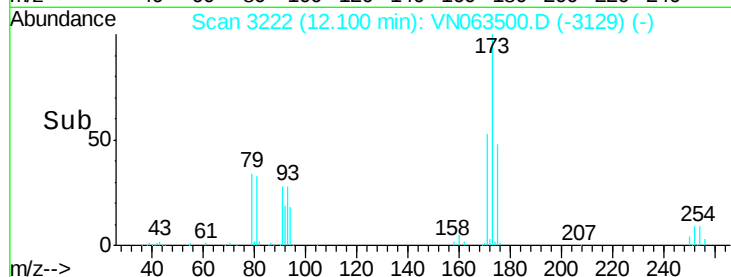
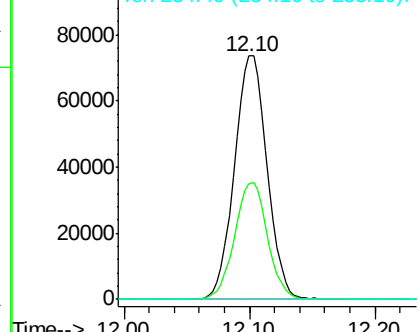
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
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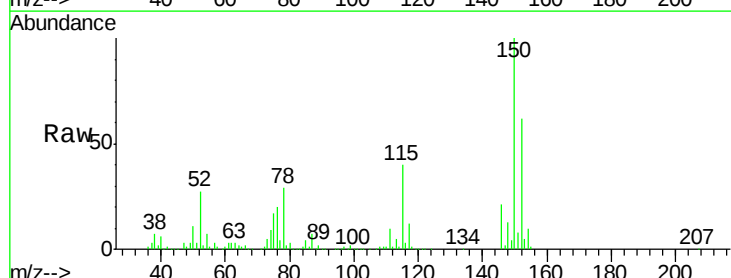


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

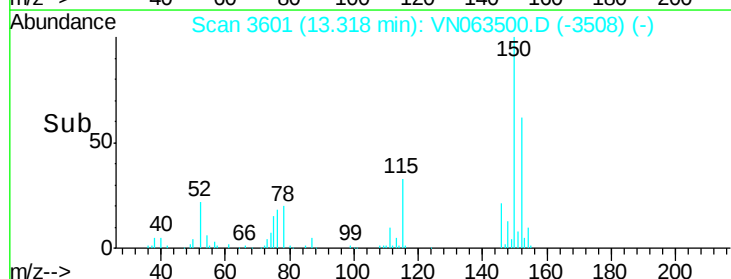
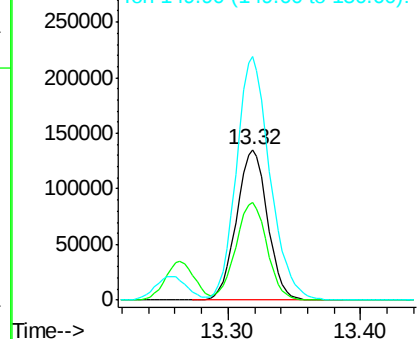


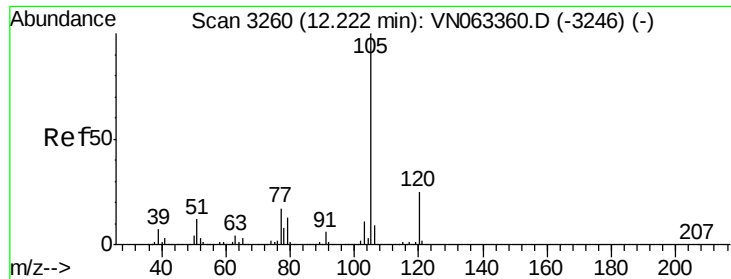
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	32.2	96.6
150	174.5	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: 48.275 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 849541

Ion Ratio Lower Upper

105 100

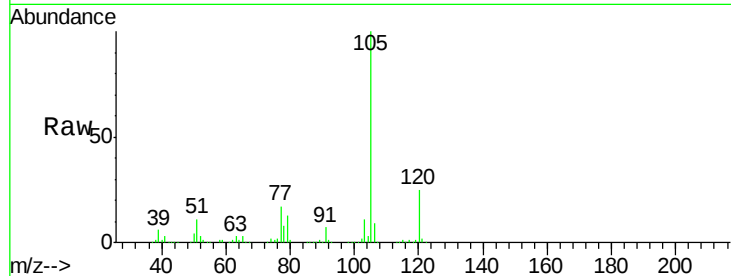
120 25.0 12.7 38.0

Manual Integrations

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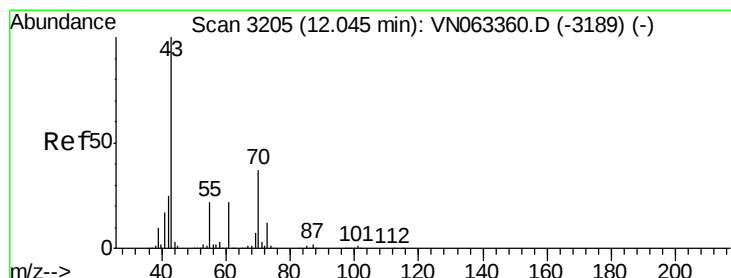
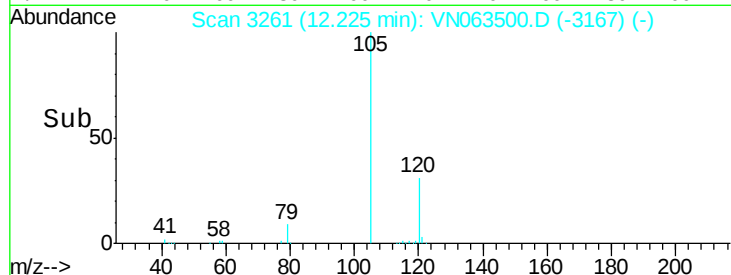
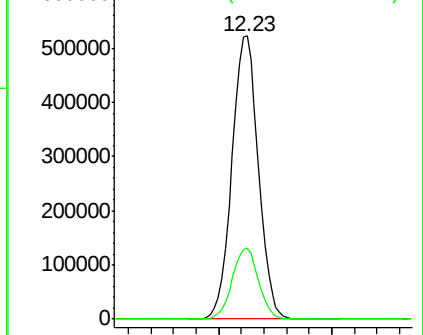
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.748 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion: 43 Resp: 372768

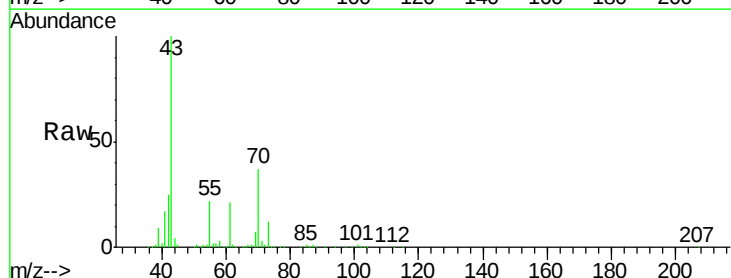
Ion Ratio Lower Upper

43 100

70 37.7 29.6 44.4

55 22.6 17.7 26.5

61 22.1 17.4 26.2

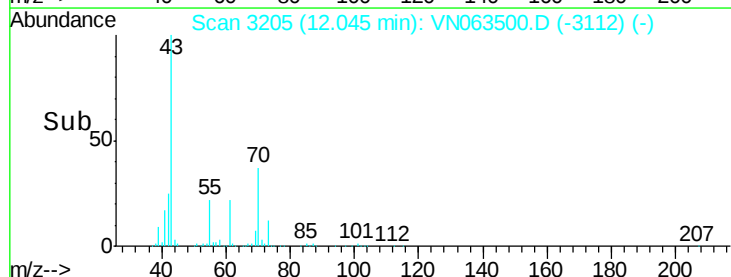
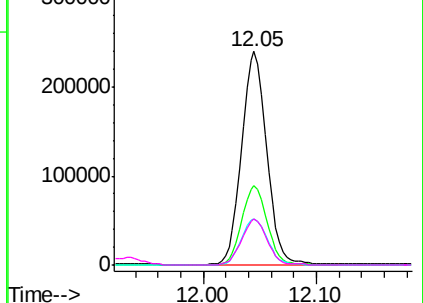


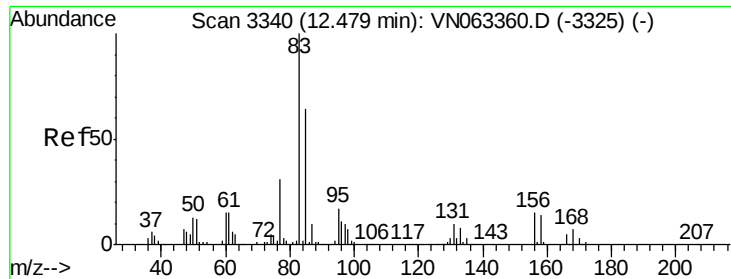
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.423 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 247506

Ion Ratio Lower Upper

83 100

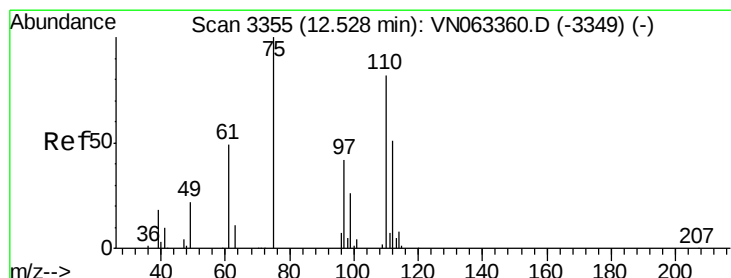
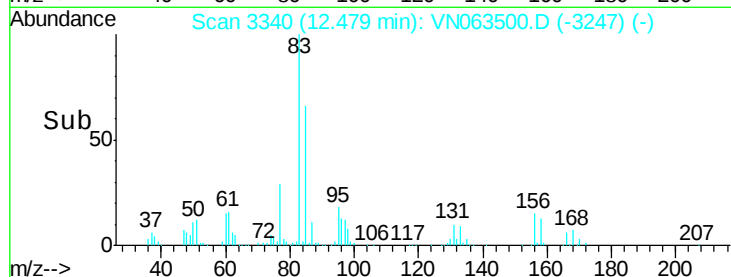
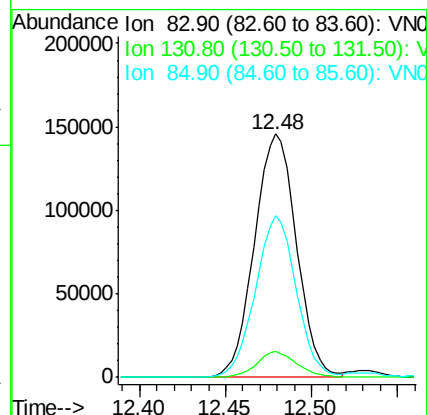
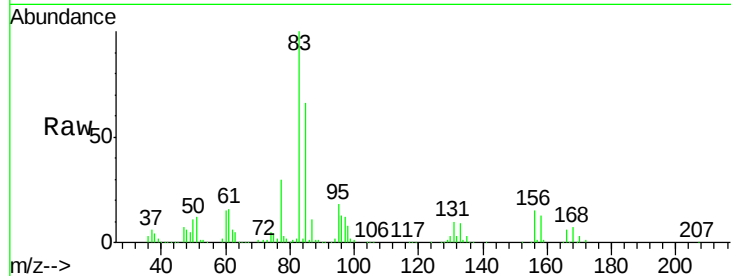
131 10.2 4.9 14.7

85 64.5 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 45.540 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063500.D

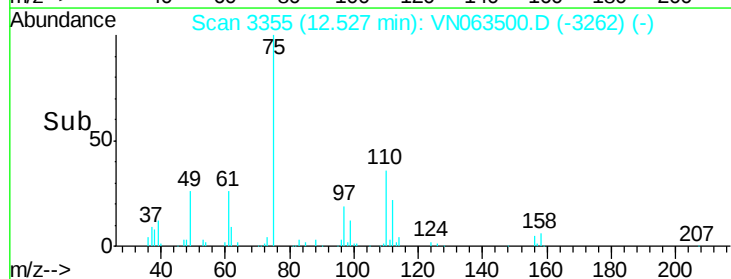
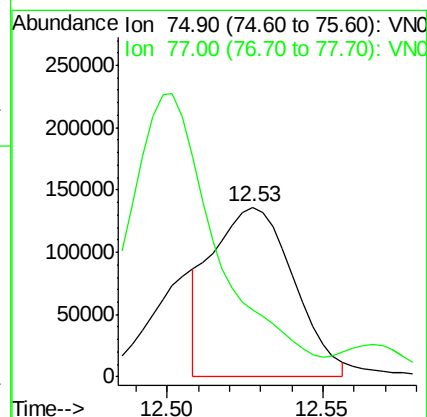
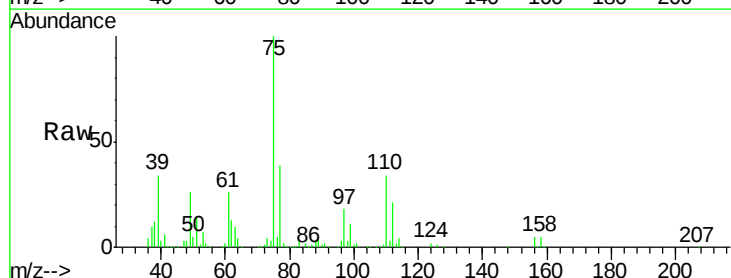
Acq: 21 Sep 2020 20:54

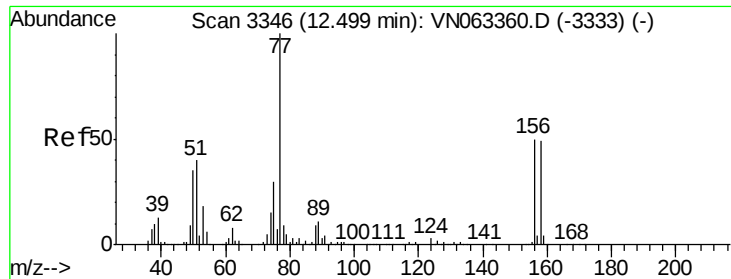
Tgt Ion: 75 Resp: 247537

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





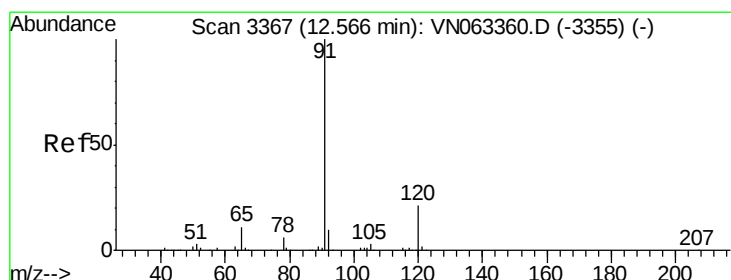
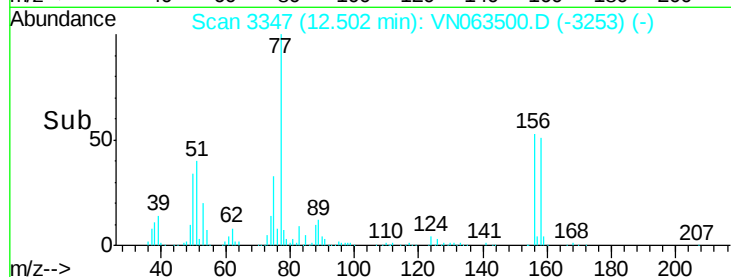
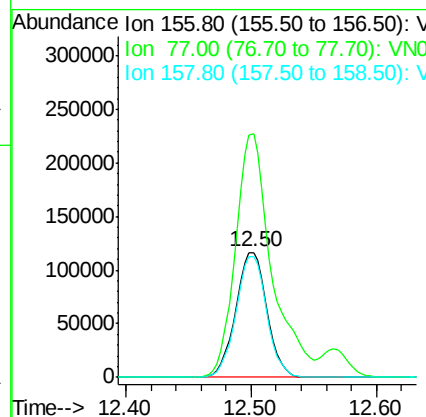
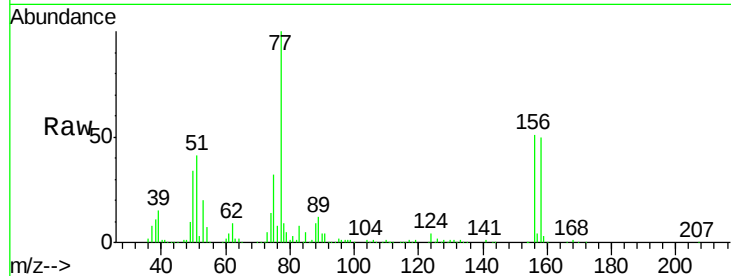
#77
Bromobenzene
Concen: 50.789 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	226.5	120.2	360.6
158	95.8	48.9	146.6

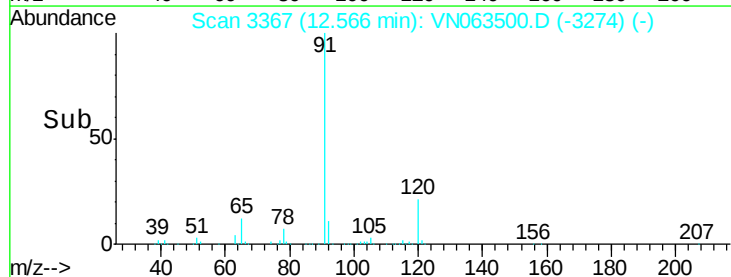
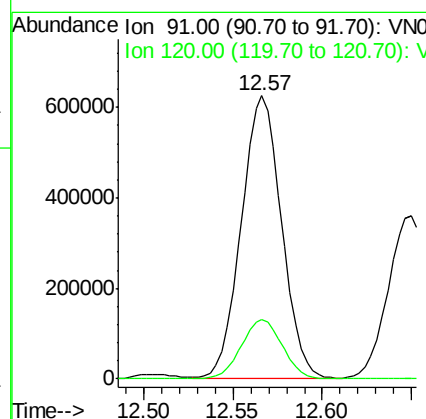
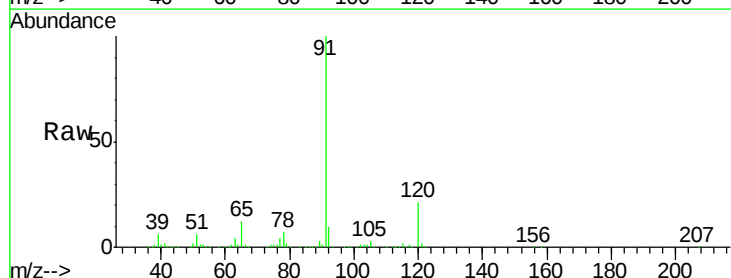
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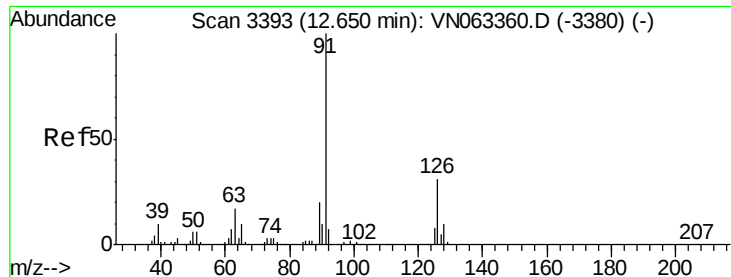
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#78
n-propylbenzene
Concen: 47.768 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.3





#79

2-Chlorotoluene

Concen: 48.257 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 592922

Ion Ratio Lower Upper

91 100

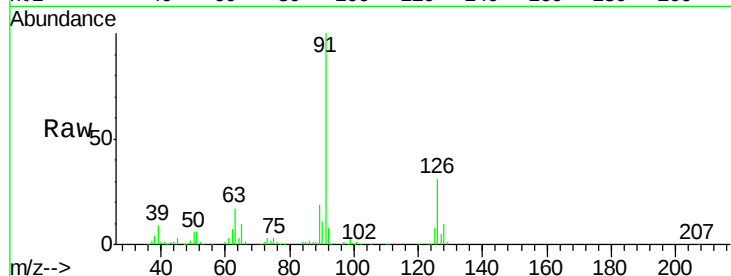
126 31.7 15.8 47.3

Manual Integrations

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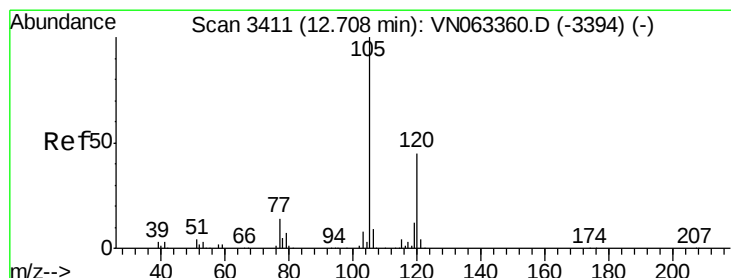
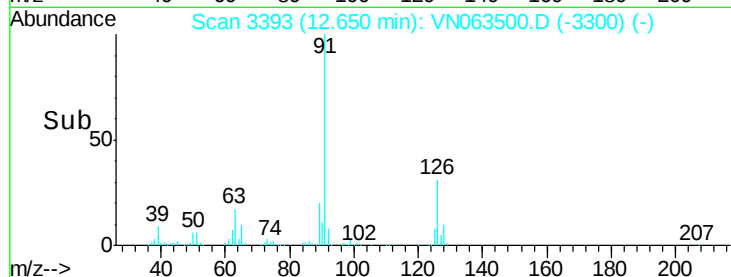
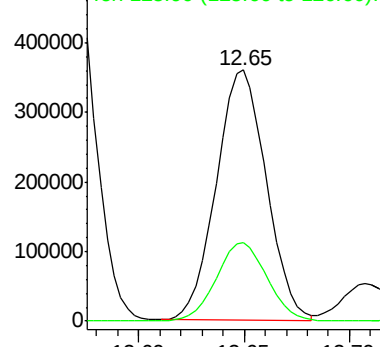
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.550 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063500.D

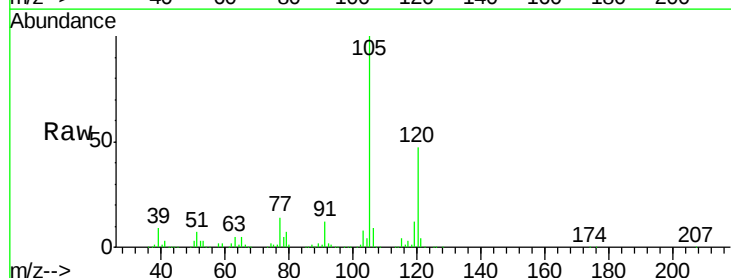
Acq: 21 Sep 2020 20:54

Tgt Ion:105 Resp: 712440

Ion Ratio Lower Upper

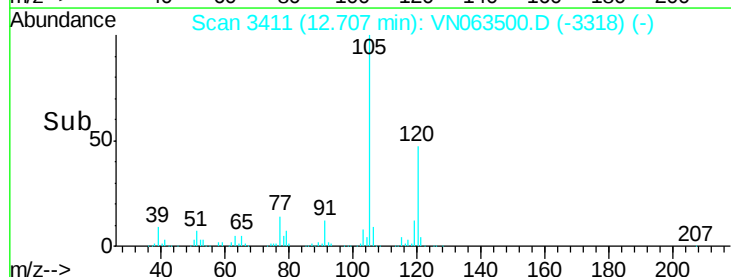
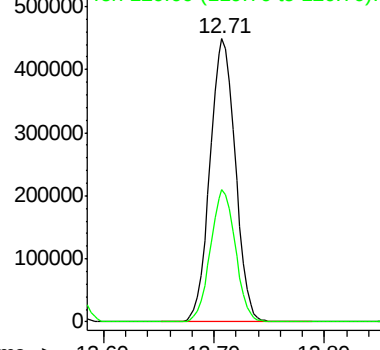
105 100

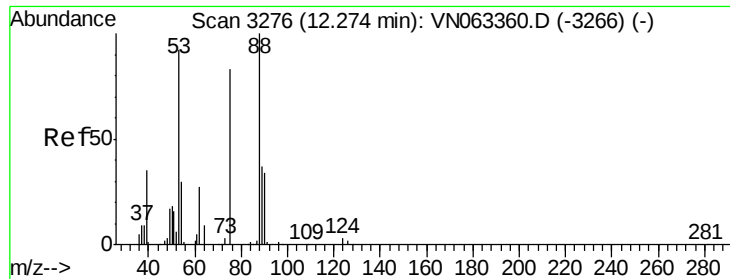
120 46.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.816 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 86870

Ion Ratio Lower Upper

75 100

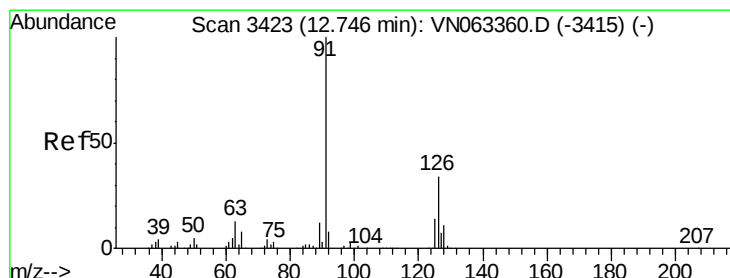
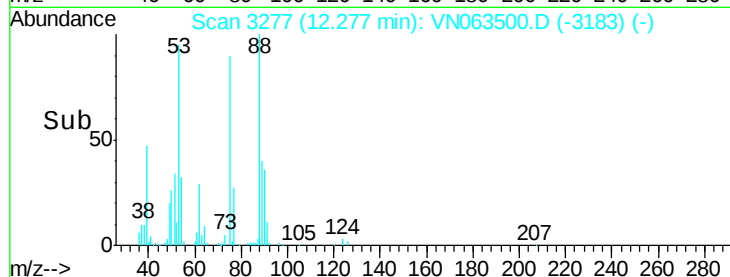
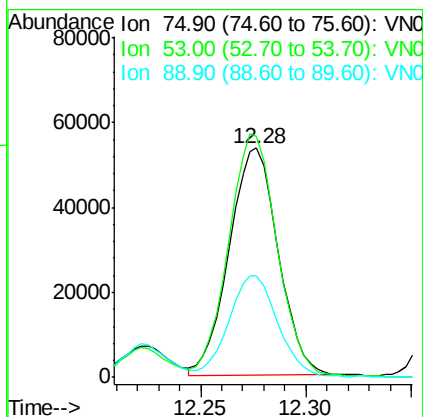
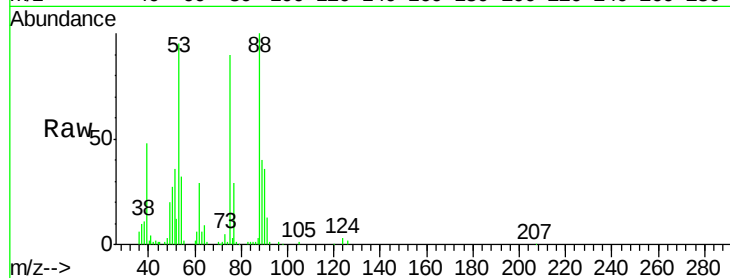
53 106.1 85.7 128.5

89 44.0 38.0 57.0

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#82

4-Chlorotoluene

Concen: 48.051 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063500.D

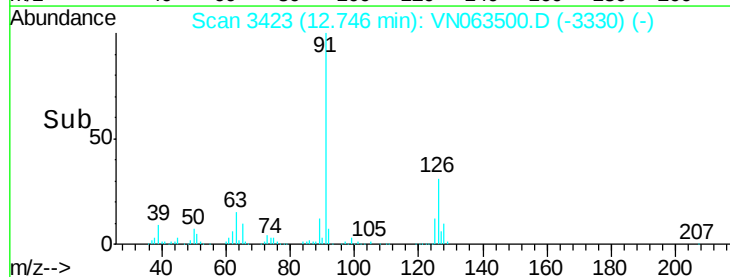
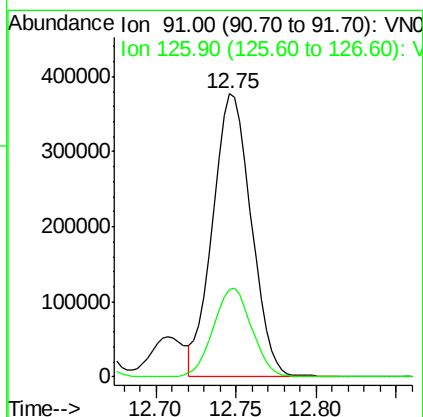
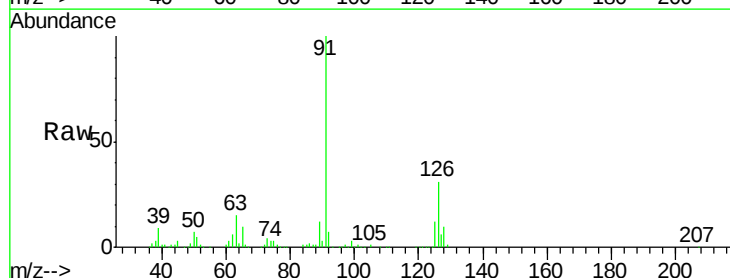
Acq: 21 Sep 2020 20:54

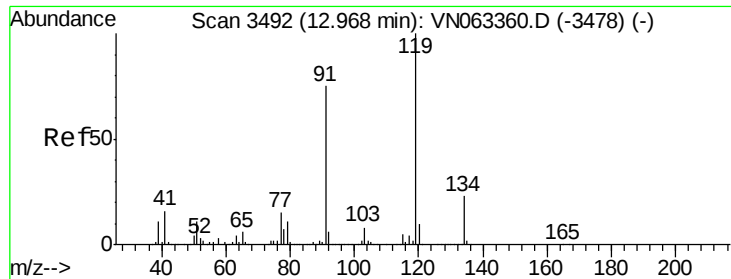
Tgt Ion: 91 Resp: 623798

Ion Ratio Lower Upper

91 100

126 31.1 15.5 46.5





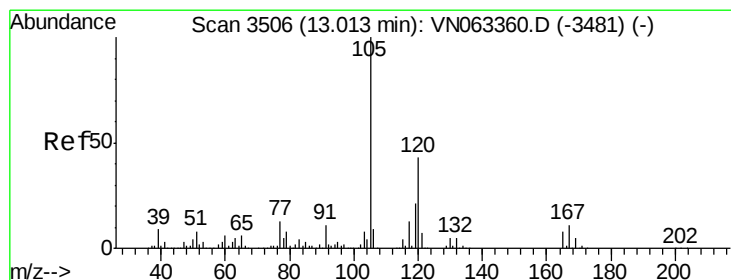
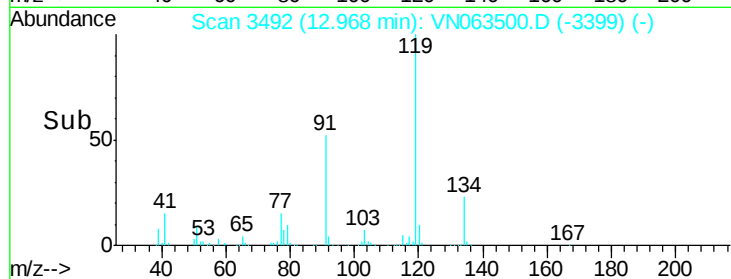
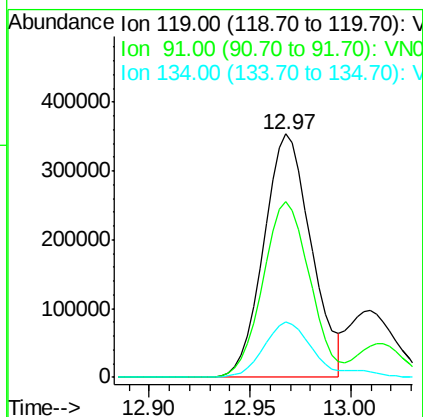
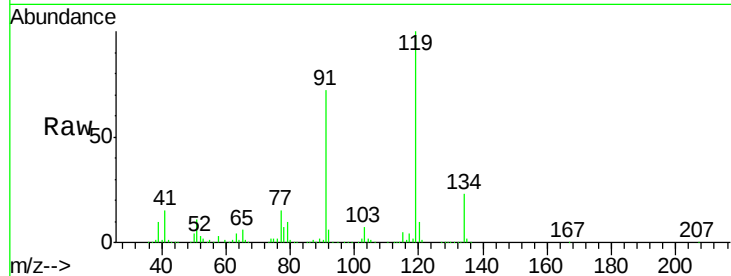
#83
 tert-Butylbenzene
 Concen: 47.838 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.6	36.3	108.9
134	22.5	12.3	36.8

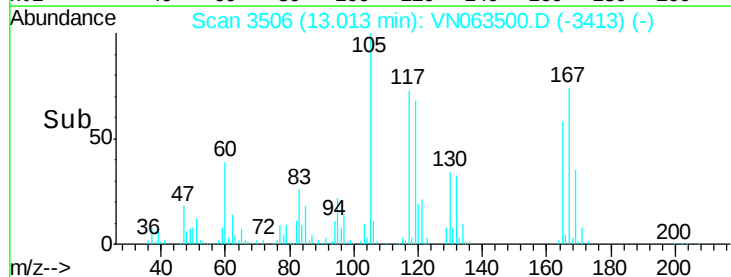
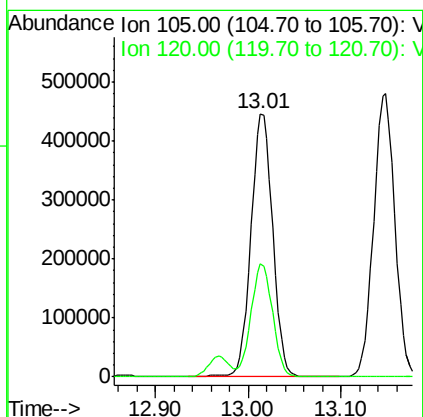
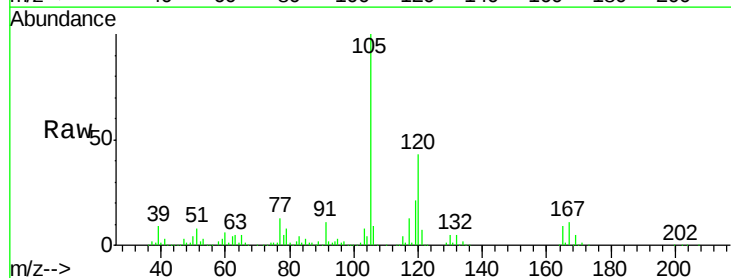
Manual Integrations
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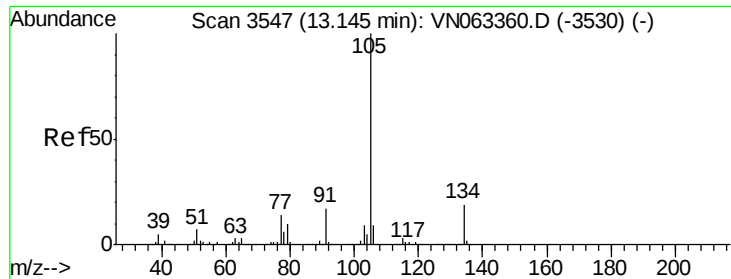
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.966 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.3	63.9





#85

sec-Butylbenzene

Concen: 47.026 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 762388

Ion Ratio Lower Upper

105 100

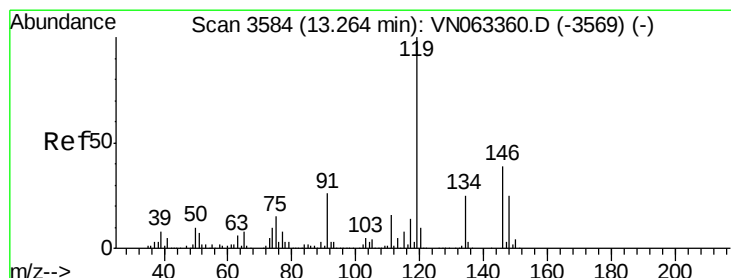
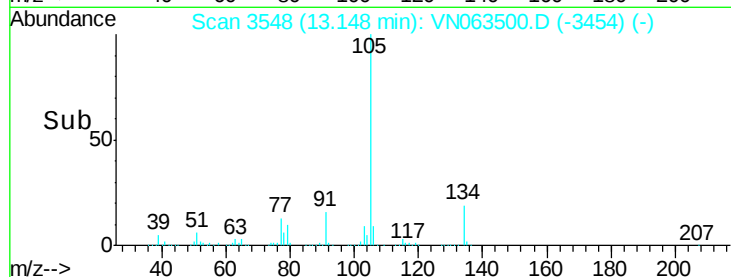
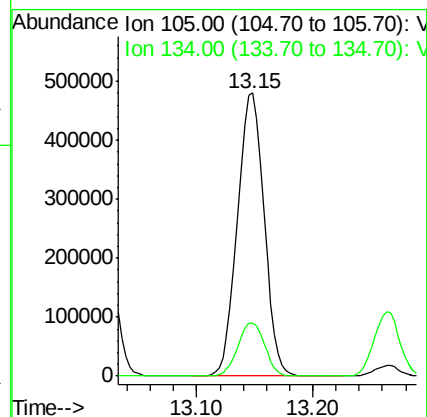
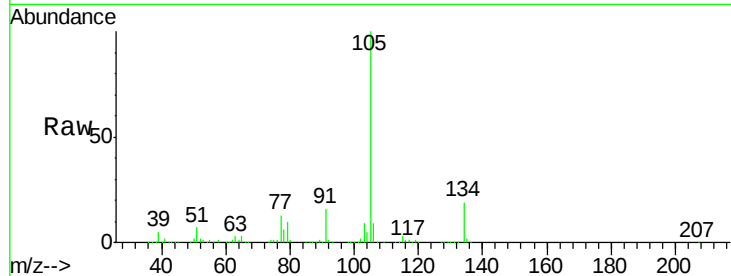
134 19.0 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.033 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

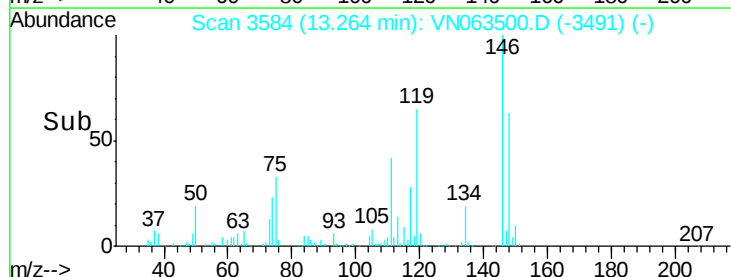
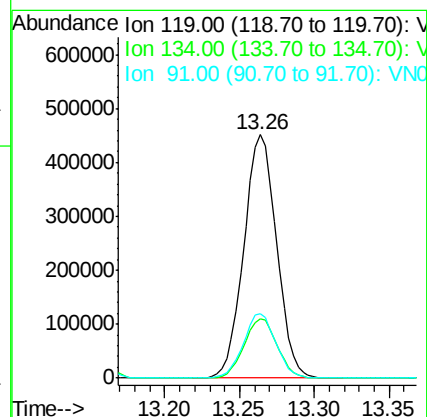
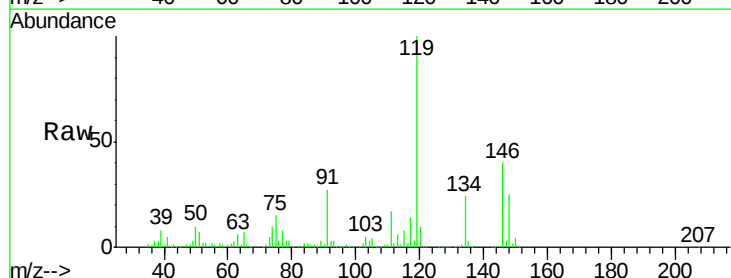
Tgt Ion:119 Resp: 686830

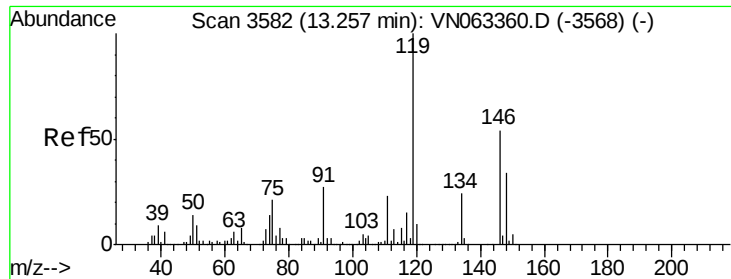
Ion Ratio Lower Upper

119 100

134 24.8 12.5 37.5

91 26.1 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 48.667 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

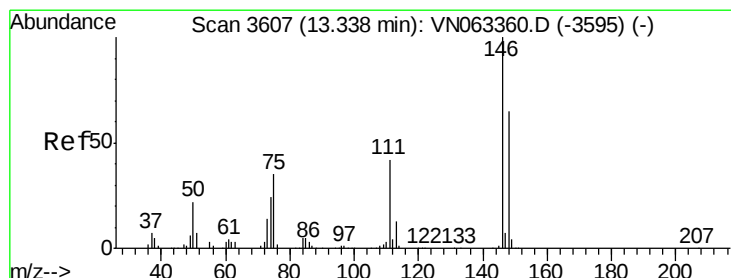
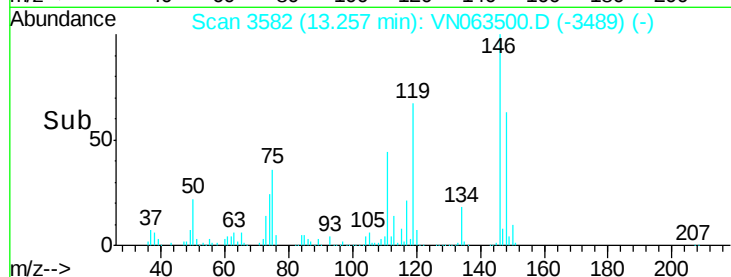
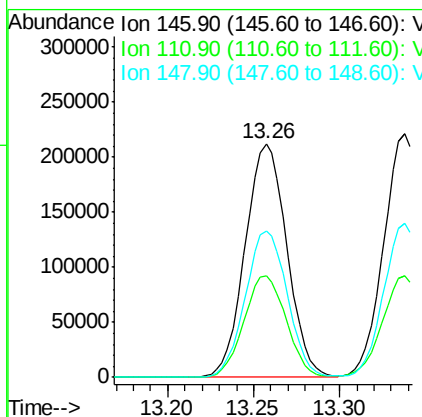
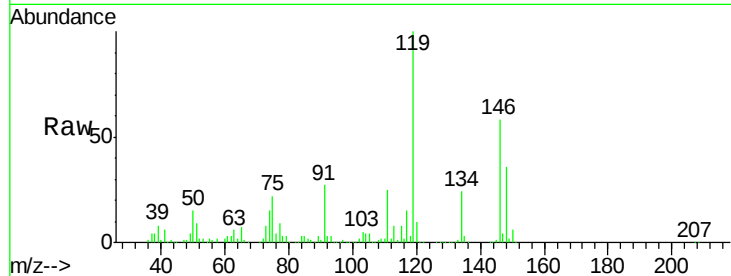
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	357075
Ion Ratio	Lower	Upper	
146	100		
111	44.2	21.4	64.3
148	63.1	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 48.604 ug/l

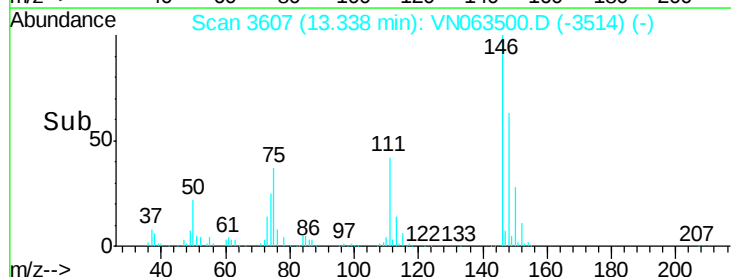
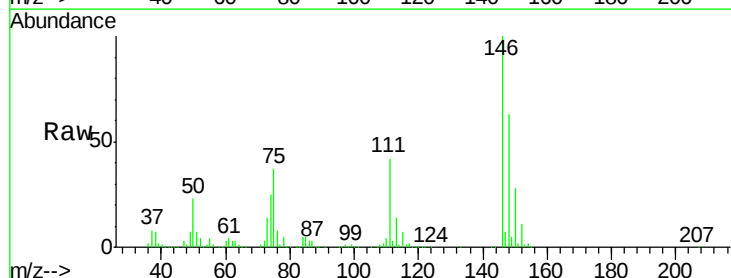
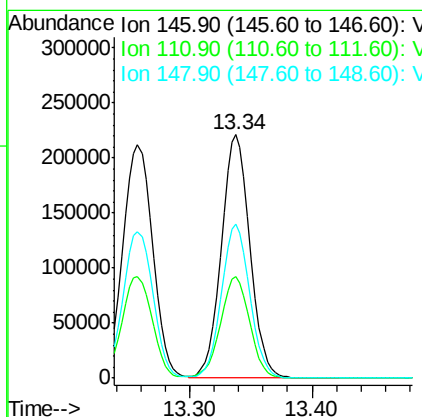
RT: 13.34 min Scan# 3607

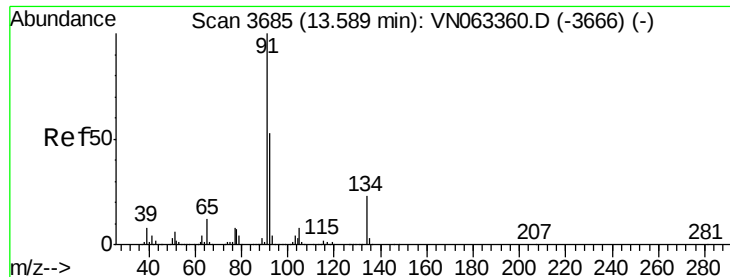
Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion:	146	Resp:	362563
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.2	63.6
148	62.8	31.9	95.9





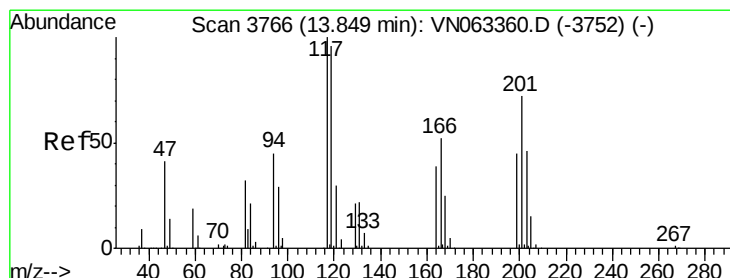
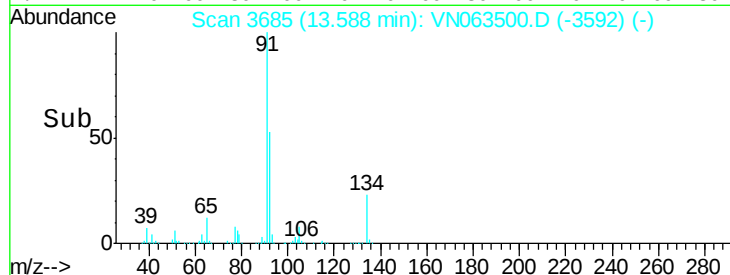
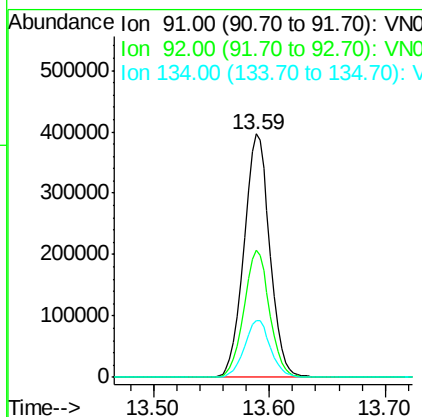
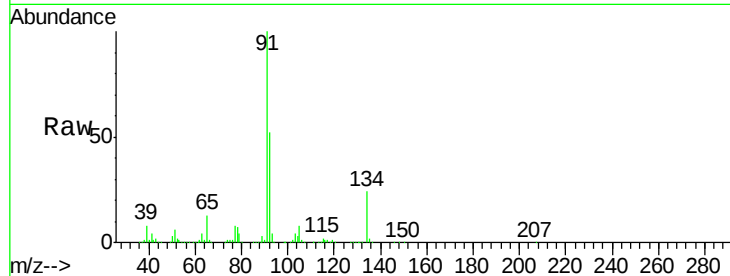
#89
n-Butylbenzene
Concen: 46.584 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	23.5	11.7	35.0

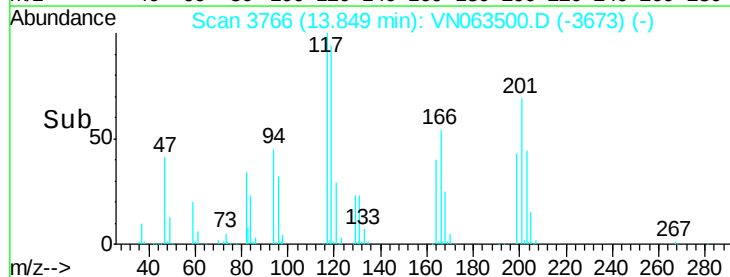
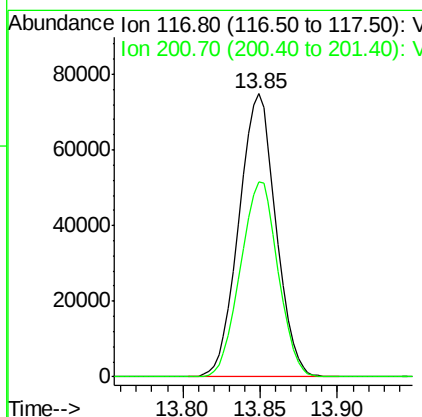
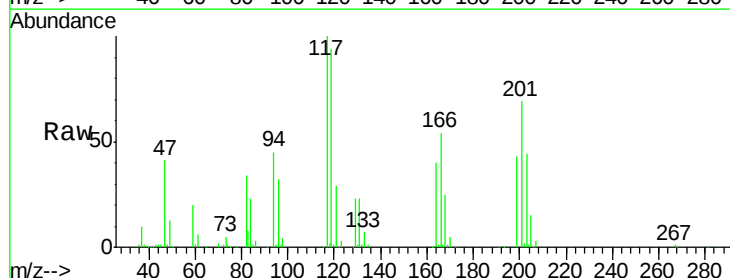
Manual Integrations
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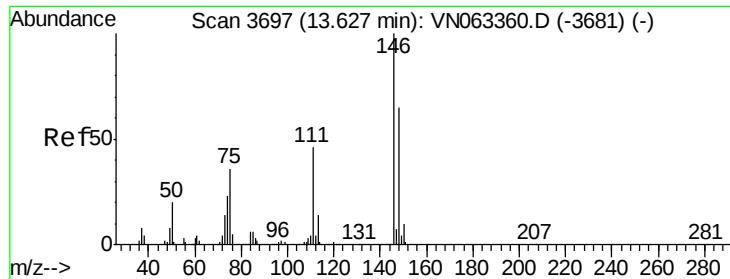
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#90
Hexachloroethane
Concen: 45.755 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063500.D
Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.1	35.5	106.7





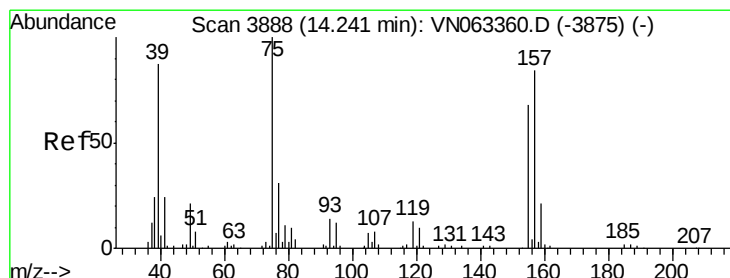
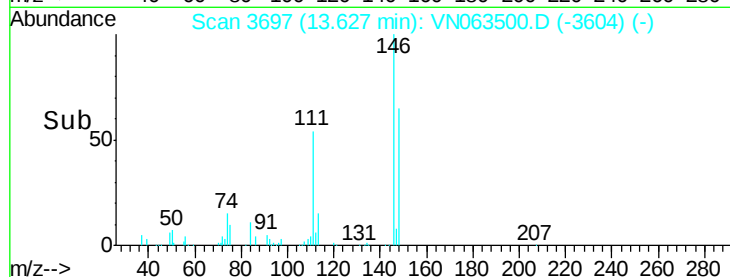
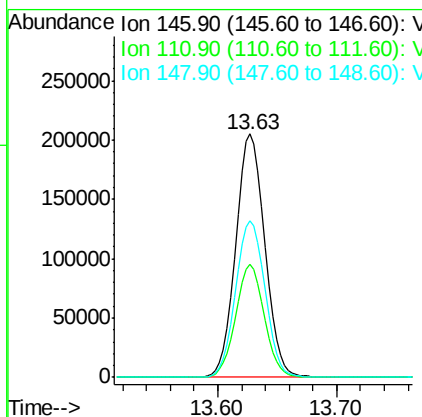
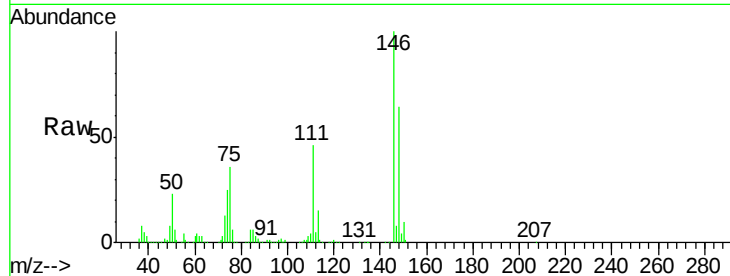
#91
 1,2-Dichlorobenzene
 Concen: 48.253 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.4	67.2
148	65.3	32.0	96.0

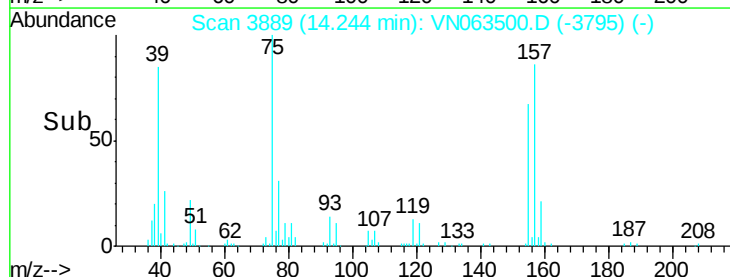
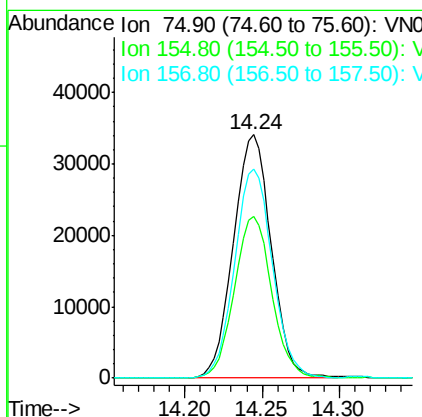
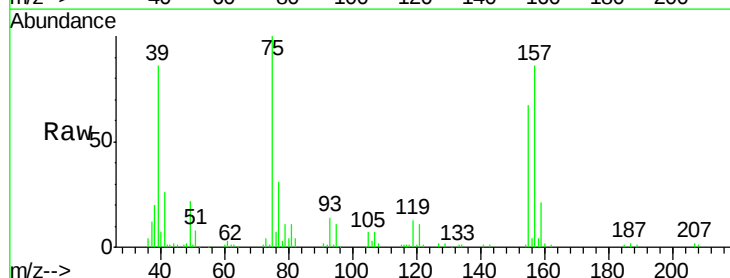
Manual Integrations
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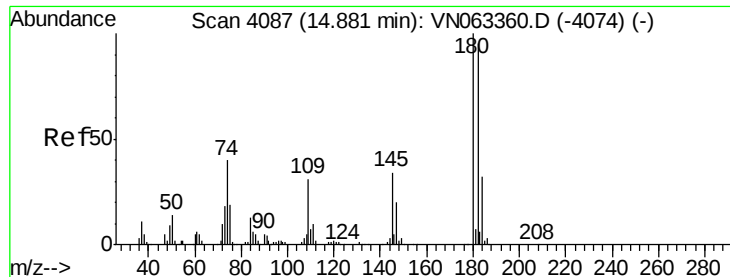
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.714 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.4	34.6	103.9
157	85.6	43.7	131.1





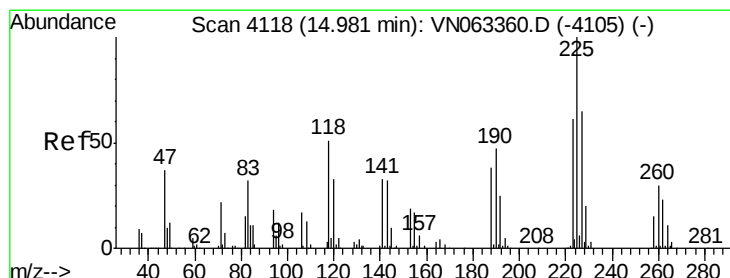
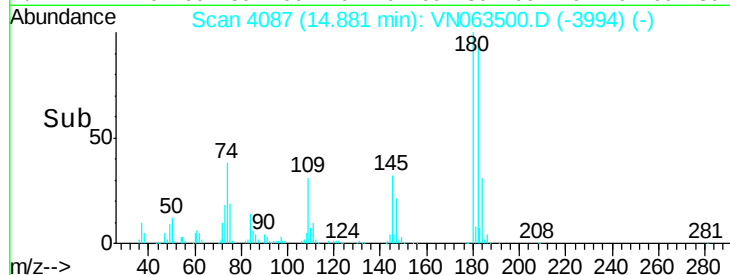
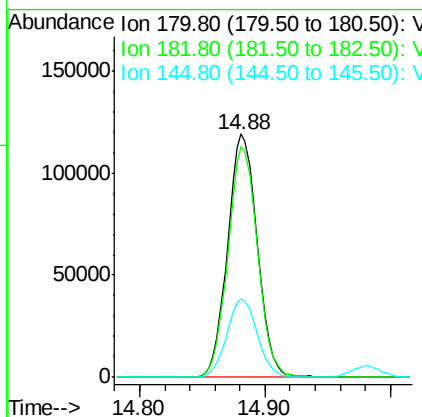
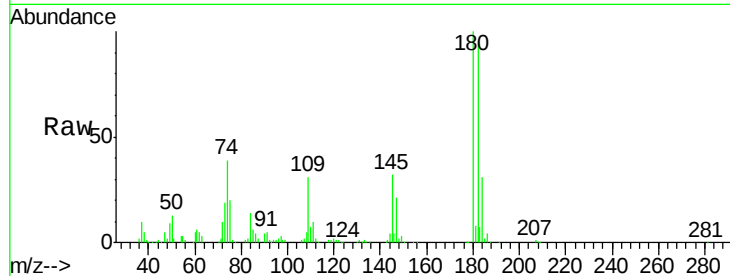
#93
 1,2,4-Trichlorobenzene
 Concen: 46.000 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	195346		
182	94.4	47.3	142.0	
145	33.1	16.6	49.7	

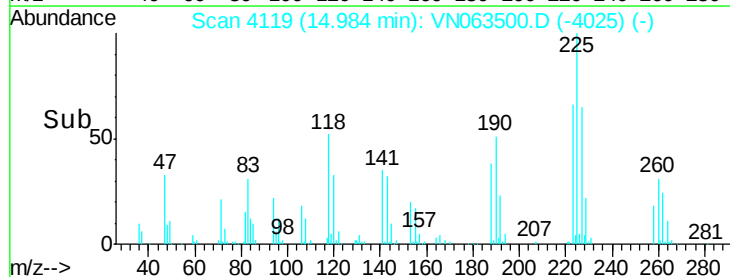
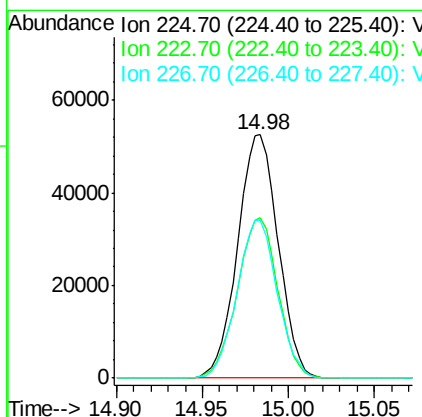
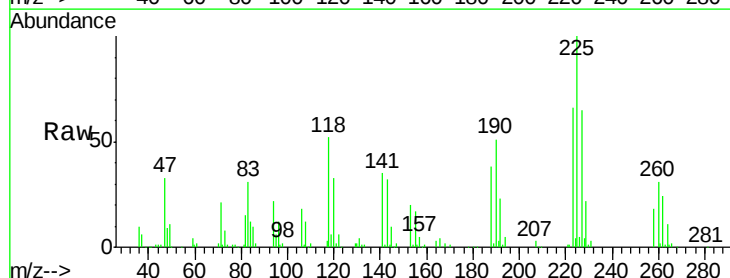
Manual Integrations
 APPROVED

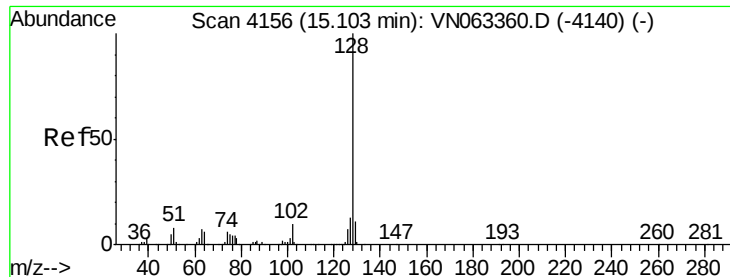
MMDadoda
 9/22/2020 2:07:26 PM



#94
 Hexachlorobutadiene
 Concen: 48.777 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063500.D
 Acq: 21 Sep 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85753		
223	65.8	30.6	91.6	
227	64.5	31.2	93.6	





#95

Naphthalene

Concen: 46.252 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Instrument :

MSVOA_N

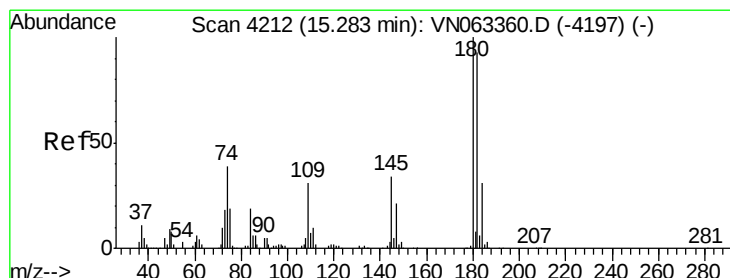
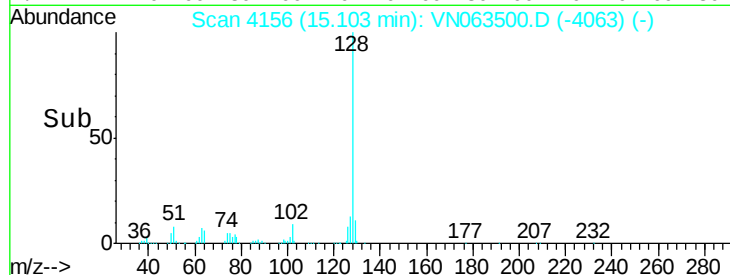
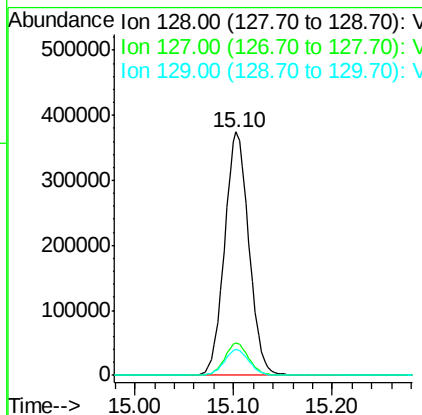
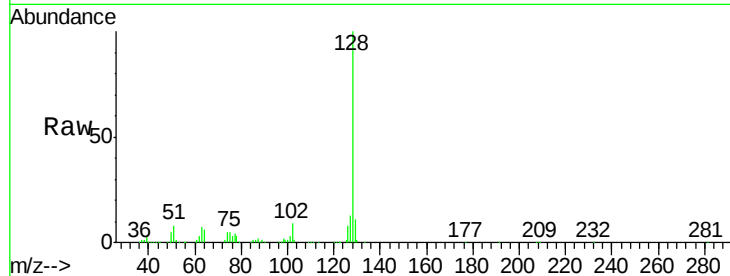
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	648922
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 45.554 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063500.D

Acq: 21 Sep 2020 20:54

Tgt Ion:	180	Resp:	186915
Ion Ratio	Lower	Upper	
180	100		
182	96.4	46.7	140.1
145	34.6	16.8	50.3

