

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063623.D
 Acq On : 24 Sep 2020 13:05
 Operator : JC/MD
 Sample : VN0924WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:16:07 PM

Quant Time: Sep 24 17:00:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	235950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	396050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	369401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	184138	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
35) Dibromofluoromethane	7.55	113	125502	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
50) Toluene-d8	10.06	98	474094	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.38	95	171232	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43137	16.137	ug/l	97
3) Chloromethane	2.04	50	55090	15.579	ug/l	100
4) Vinyl Chloride	2.17	62	54324	17.339	ug/l	99
5) Bromomethane	2.54	94	35934	19.317	ug/l	98
6) Chloroethane	2.68	64	35084	18.243	ug/l	99
7) Trichlorofluoromethane	2.99	101	90220	19.301	ug/l	99
8) Diethyl Ether	3.37	74	33034	18.128	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47938	18.236	ug/l	99
10) Methyl Iodide	3.91	142	57411	16.774	ug/l	98
11) Tert butyl alcohol	4.73	59	46293	83.197	ug/l	99
12) 1,1-Dichloroethene	3.69	96	44812	16.830	ug/l	98
13) Acrolein	3.57	56	11928	57.846	ug/l	94
14) Allyl chloride	4.28	41	87294	16.574	ug/l	98
15) Acrylonitrile	4.93	53	122732	86.714	ug/l	96
16) Acetone	3.78	43	114542	88.735	ug/l	99
17) Carbon Disulfide	4.01	76	118595	15.312	ug/l	97
18) Methyl Acetate	4.28	43	62391	19.039	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	170653	17.196	ug/l	96
20) Methylene Chloride	4.50	84	56354	17.231	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	50550	17.135	ug/l	93
22) Diisopropyl ether	5.90	45	185520	17.271	ug/l	95
23) Vinyl Acetate	5.84	43	755812	85.676	ug/l	100
24) 1,1-Dichloroethane	5.80	63	102048	17.401	ug/l	98
25) 2-Butanone	6.78	43	176659	88.985	ug/l	97
26) 2,2-Dichloropropane	6.78	77	85537	16.566	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	57671	17.272	ug/l	97
28) Bromochloromethane	7.15	49	47529	17.553	ug/l	99
29) Tetrahydrofuran	7.17	42	118634	87.495	ug/l	98
30) Chloroform	7.33	83	104065	17.687	ug/l	94
31) Cyclohexane	7.61	56	85525	15.418	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	91831	17.548	ug/l	99
36) 1,1-Dichloropropene	7.75	75	74619	17.685	ug/l	99
37) Ethyl Acetate	6.88	43	75733	18.288	ug/l #	93
38) Carbon Tetrachloride	7.74	117	79711	18.507	ug/l	96

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 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)
39) Methylcyclohexane	9.05	83	73623	16.077	ug/l	98
40) Benzene	8.00	78	216308	17.959	ug/l	97
41) Methacrylonitrile	7.12	41	33072	17.757	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	91527	18.896	ug/l	100
43) Isopropyl Acetate	8.13	43	129391	17.474	ug/l	99
44) Trichloroethene	8.80	130	54288	18.583	ug/l	98
45) 1,2-Dichloropropane	9.08	63	59187	18.042	ug/l	97
46) Dibromomethane	9.17	93	40480	18.775	ug/l	96
47) Bromodichloromethane	9.37	83	83302	18.597	ug/l	99
48) Methyl methacrylate	9.17	41	63249	17.386	ug/l	98
49) 1,4-Dioxane	9.17	88	18119	347.058	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	390216	94.132	ug/l	99
52) Toluene	10.13	92	135442	18.703	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	87121	17.422	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	96952	18.381	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	55786	19.394	ug/l	98
56) Ethyl methacrylate	10.40	69	79683	17.745	ug/l	99
57) 1,3-Dichloropropane	10.68	76	95790	18.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	207239	87.977	ug/l	98
59) 2-Hexanone	10.72	43	278003	92.567	ug/l	98
60) Dibromochloromethane	10.87	129	60078	18.488	ug/l	98
61) 1,2-Dibromoethane	10.98	107	57189	19.137	ug/l	99
64) Tetrachloroethene	10.60	164	49452	19.660	ug/l	95
65) Chlorobenzene	11.41	112	142648	18.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	53721	18.690	ug/l	99
67) Ethyl Benzene	11.48	91	257443	17.434	ug/l	99
68) m/p-Xylenes	11.59	106	188807	35.462	ug/l	98
69) o-Xylene	11.92	106	91494	18.040	ug/l	99
70) Styrene	11.94	104	156665	18.420	ug/l	99
71) Bromoform	12.10	173	38072	17.780	ug/l #	98
73) Isopropylbenzene	12.23	105	244862	17.605	ug/l	99
74) N-amyl acetate	12.05	43	111909	16.998	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	79805	18.531	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	76197m	17.737	ug/l	
77) Bromobenzene	12.50	156	59007	18.860	ug/l	97
78) n-propylbenzene	12.57	91	286555	17.689	ug/l	100
79) 2-Chlorotoluene	12.65	91	173323	17.849	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	210695	18.167	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	25005	15.958	ug/l	98
82) 4-Chlorotoluene	12.75	91	184782	18.010	ug/l	99
83) tert-Butylbenzene	12.97	119	165467	17.286	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	209884	17.916	ug/l	99
85) sec-Butylbenzene	13.15	105	223003	17.404	ug/l	99
86) p-Isopropyltoluene	13.26	119	196400	17.379	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106126	18.301	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	107685	18.265	ug/l	99
89) n-Butylbenzene	13.59	91	178455	17.131	ug/l	99
90) Hexachloroethane	13.85	117	33976	15.789	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	106332	18.677	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17077	16.653	ug/l	99

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0924WBSD01

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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)
93) 1,2,4-Trichlorobenzene	14.88	180	57011	16.986	ug/l	99
94) Hexachlorobutadiene	14.98	225	27250	19.612	ug/l	97
95) Naphthalene	15.10	128	178888	16.133	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	55638	17.157	ug/l	99

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

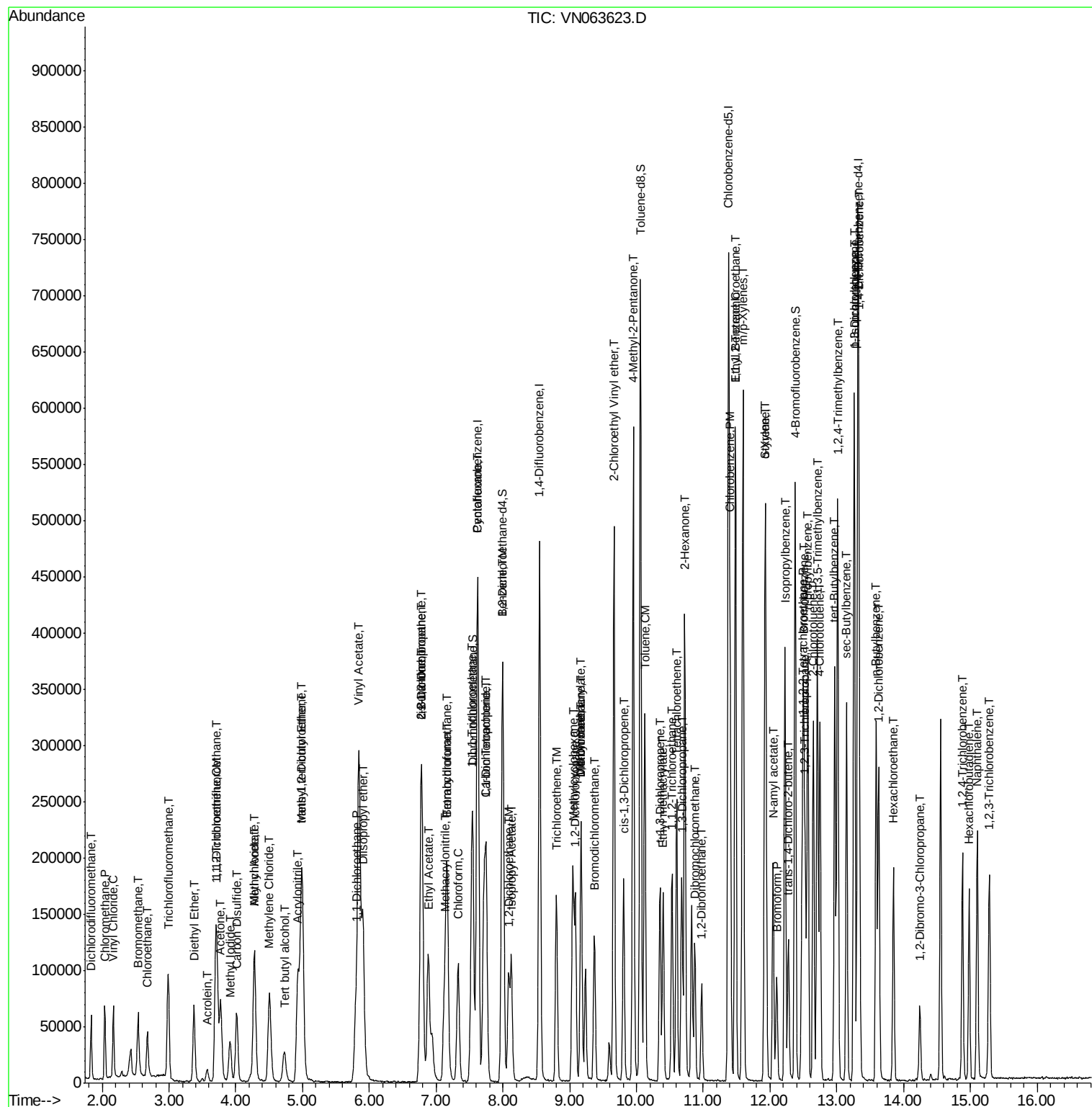
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Data File : VN063623.D
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Sample : VN0924WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

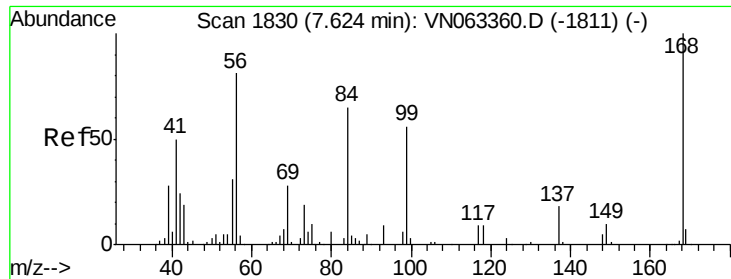
Instrument :
MSVOA_N
Client Sampled :
VN0924WBSD01

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion:168 Resp: 235950

Ion Ratio Lower Upper

168 100

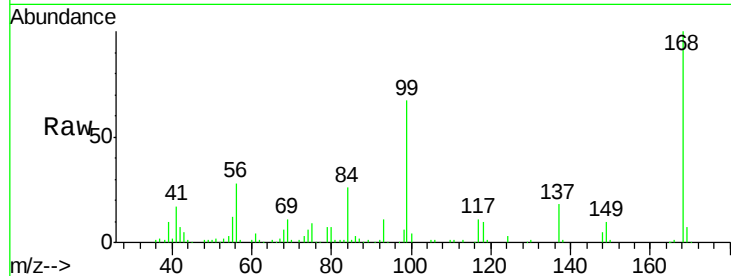
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Manual Integrations

APPROVED

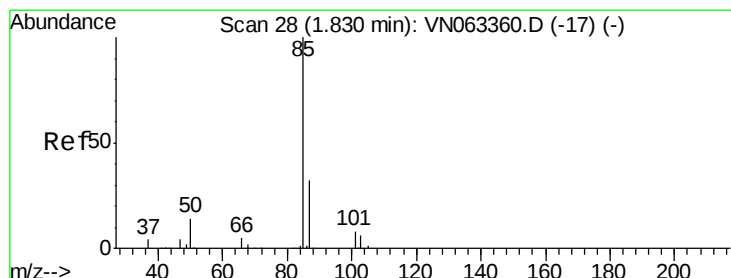
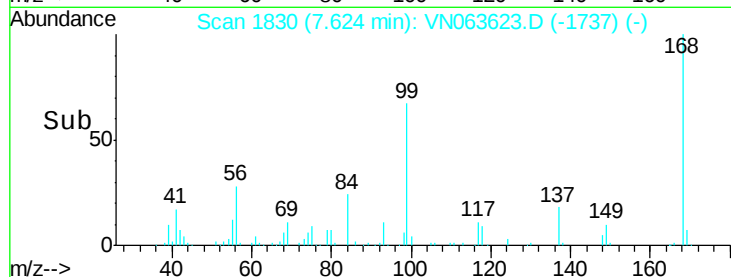
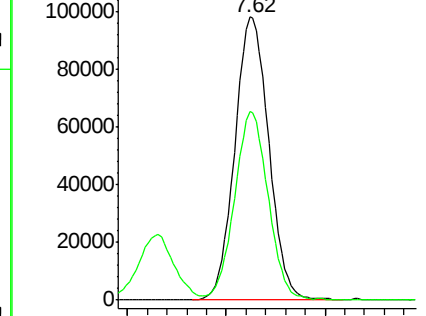
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.137 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063623.D

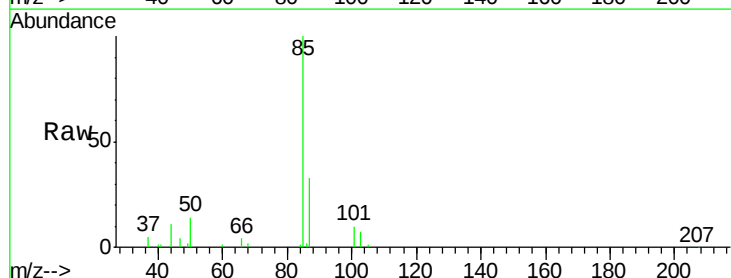
Acq: 24 Sep 2020 13:05

Tgt Ion: 85 Resp: 43137

Ion Ratio Lower Upper

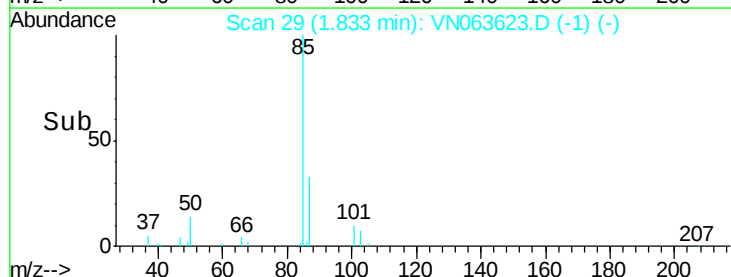
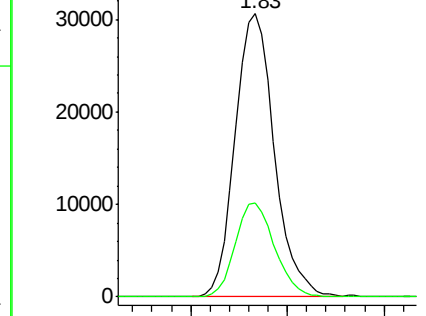
85 100

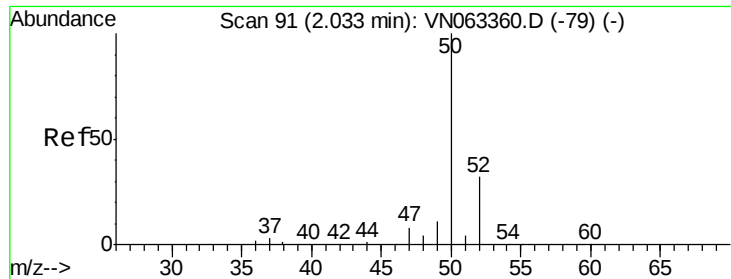
87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 15.579 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion: 50 Resp: 55090

Ion Ratio Lower Upper

50 100

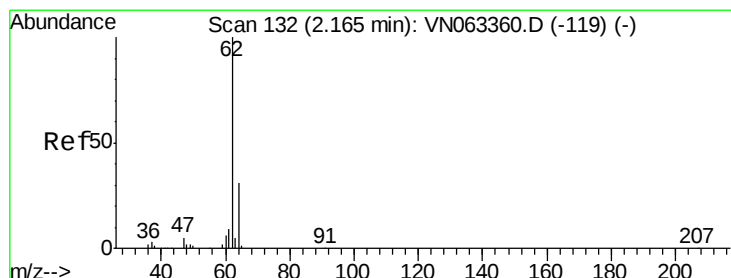
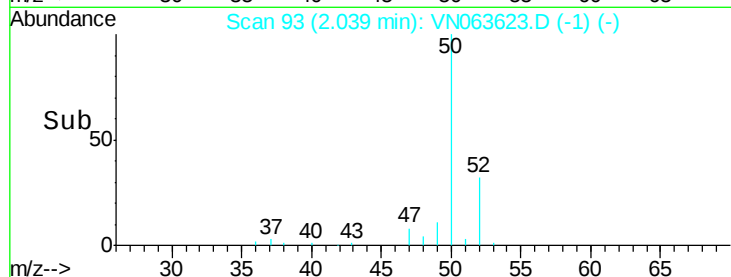
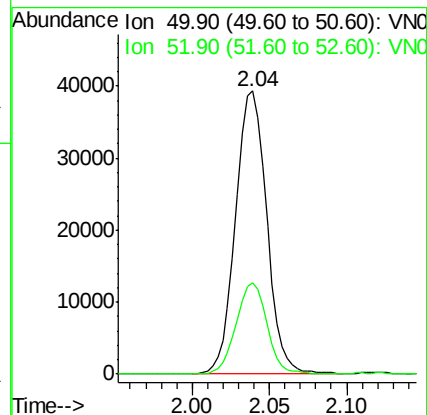
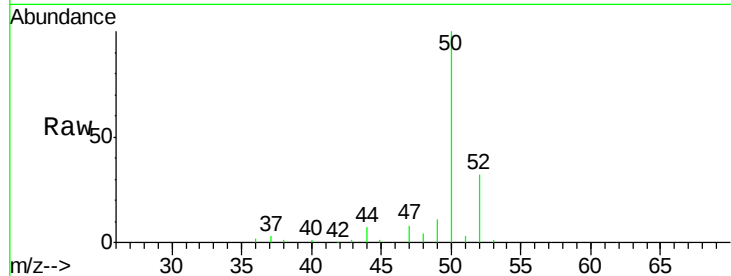
52 32.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.339 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063623.D

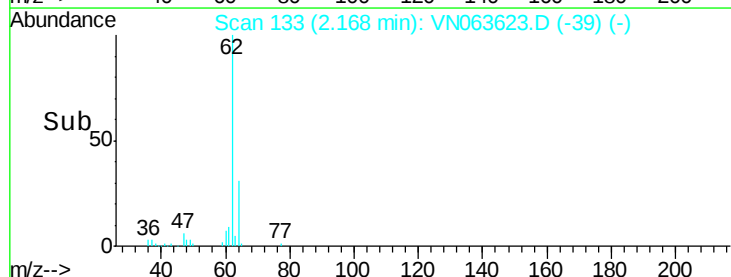
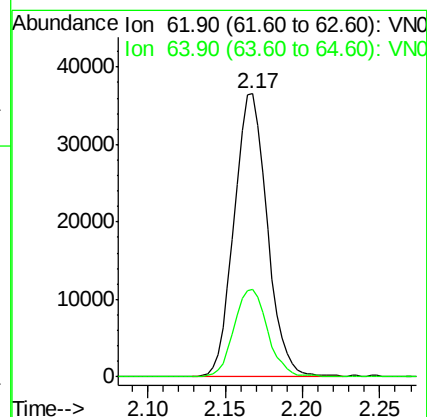
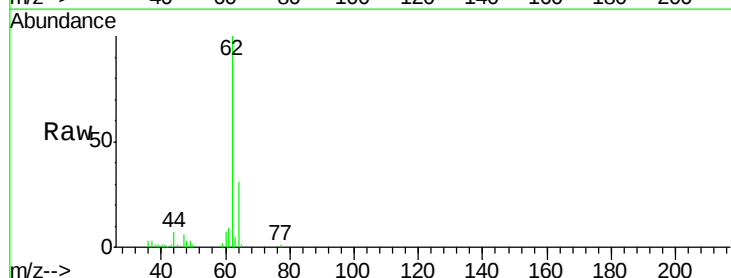
Acq: 24 Sep 2020 13:05

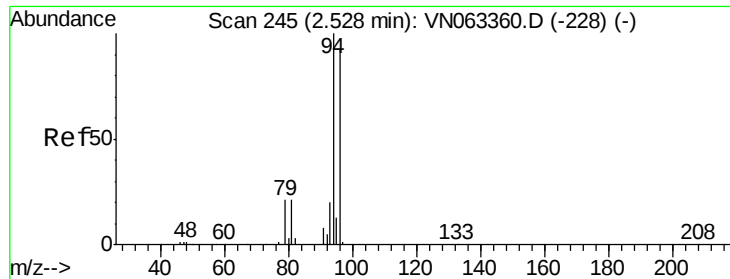
Tgt Ion: 62 Resp: 54324

Ion Ratio Lower Upper

62 100

64 30.8 25.1 37.7





#5

Bromomethane

Concen: 19.317 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion: 94 Resp: 35934

Ion Ratio Lower Upper

94 100

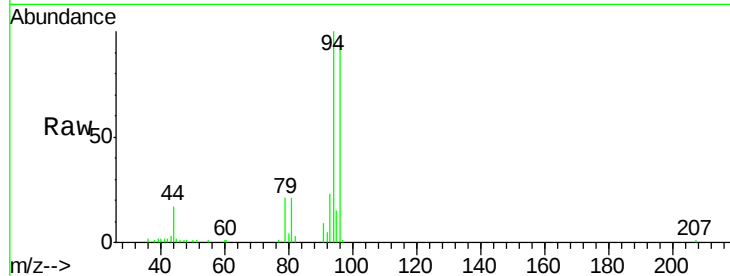
96 95.2 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

20000

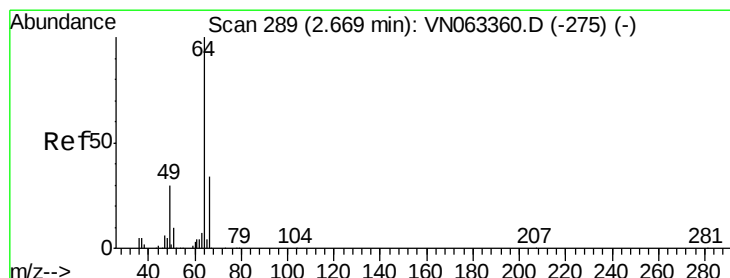
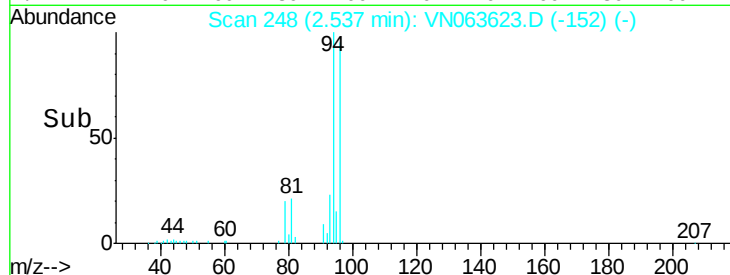
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.243 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063623.D

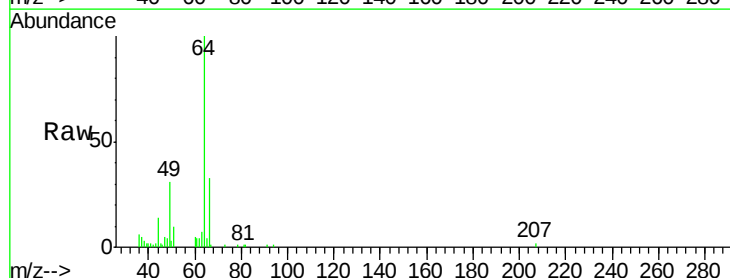
Acq: 24 Sep 2020 13:05

Tgt Ion: 64 Resp: 35084

Ion Ratio Lower Upper

64 100

66 33.0 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

20000

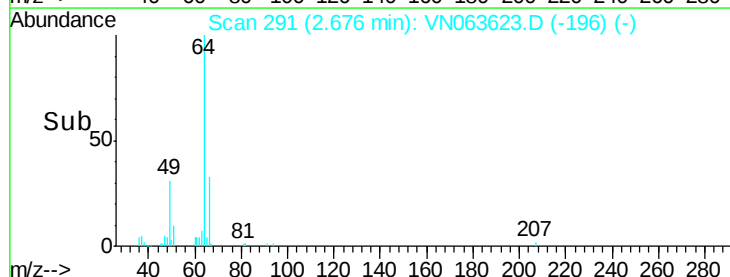
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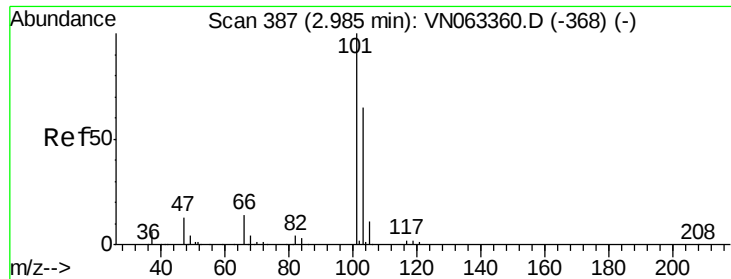
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5000

0

Time-->





#7

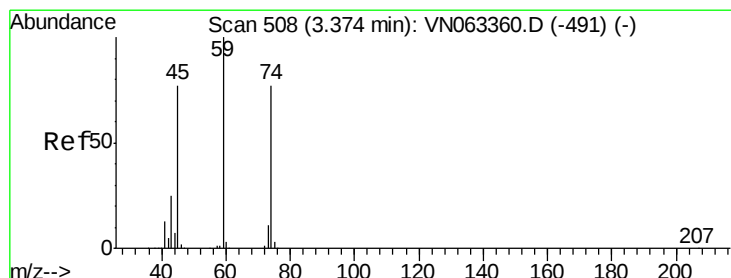
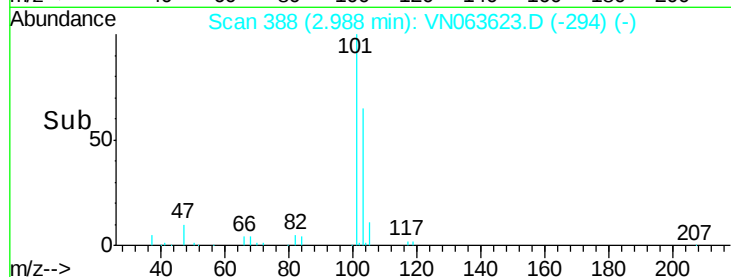
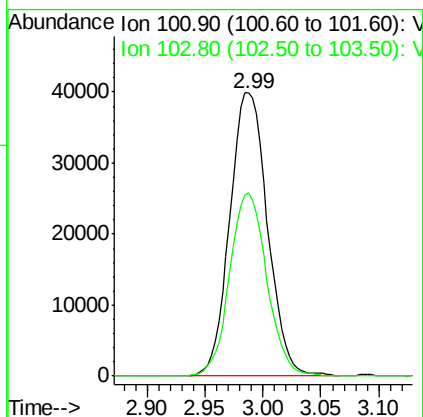
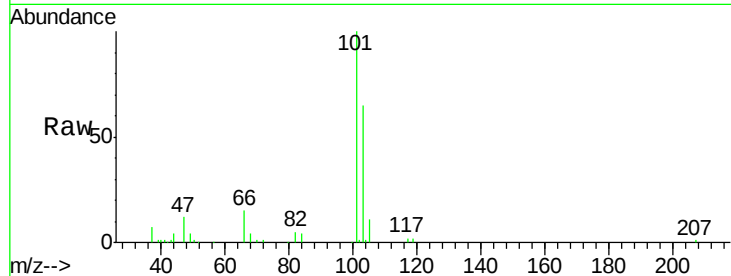
Trichlorofluoromethane
 Concen: 19.301 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
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 ClientSampleId :
 VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.3	78.5

Manual Integrations
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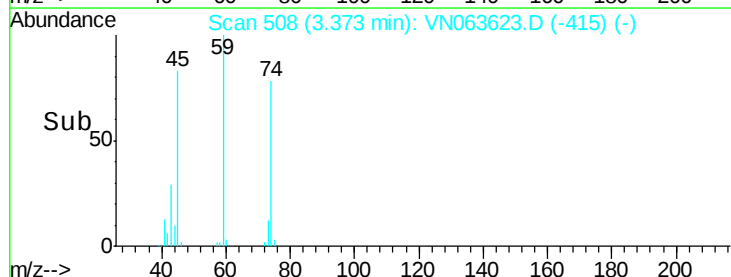
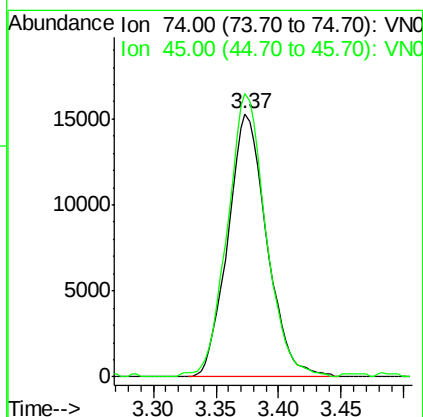
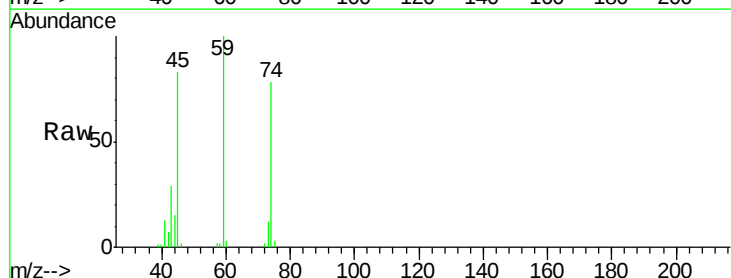
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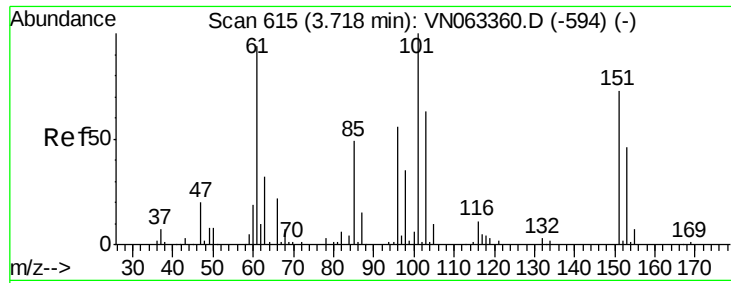


#8

Diethyl Ether
 Concen: 18.128 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.236 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

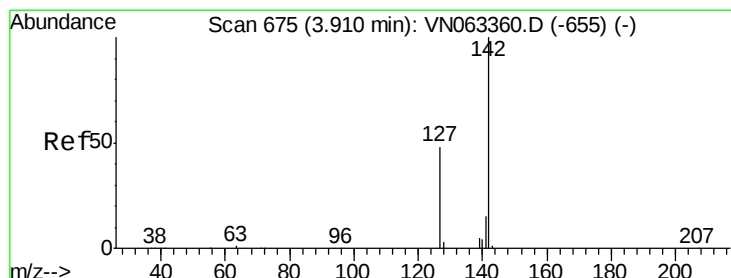
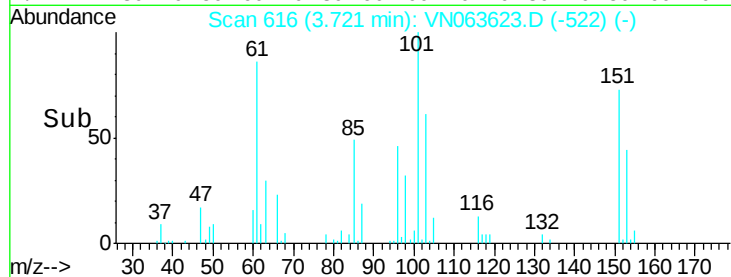
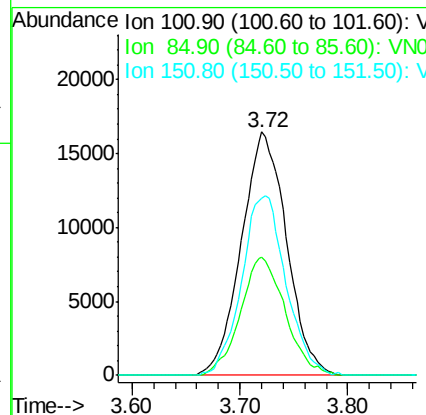
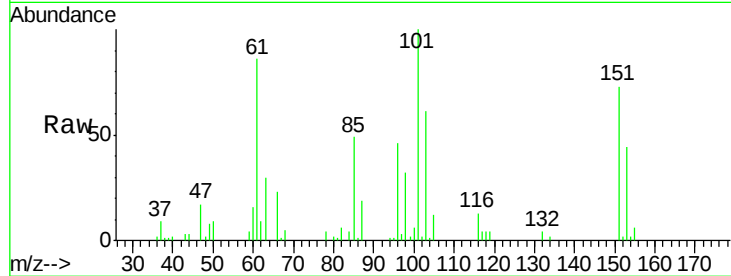
ClientSampleId :

VN0924WBSD01

Tot Ion:	101	Resp:	47938
Ion Ratio	Lower	Upper	
101	100		
85	48.0	37.7	56.5
151	72.2	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 16.774 ug/l

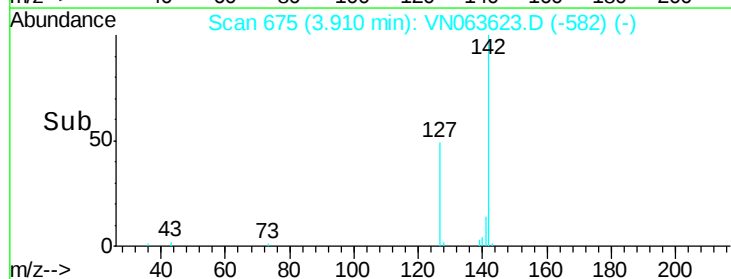
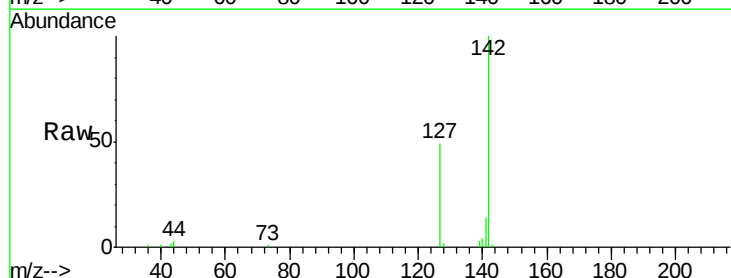
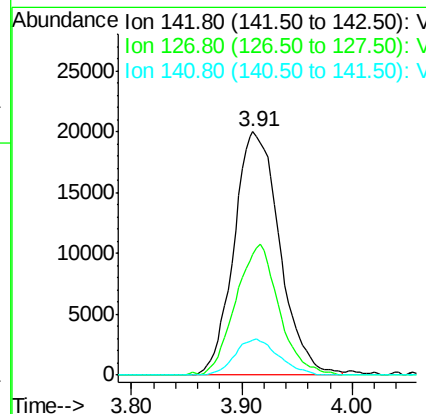
RT: 3.91 min Scan# 675

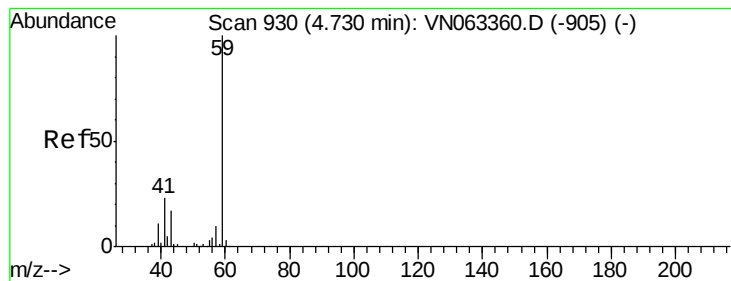
Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion:	142	Resp:	57411
Ion Ratio	Lower	Upper	
142	100		
127	50.7	39.0	58.6
141	14.1	11.6	17.4





#11

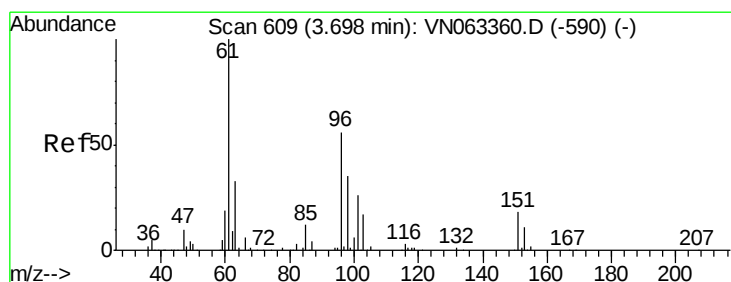
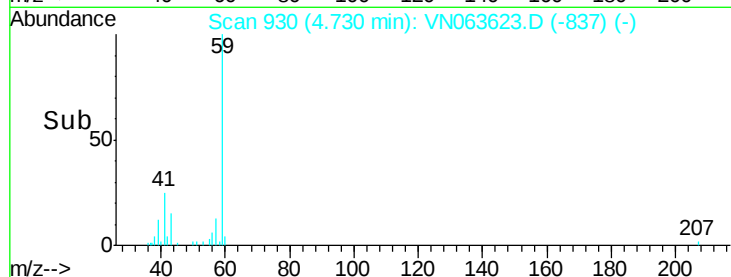
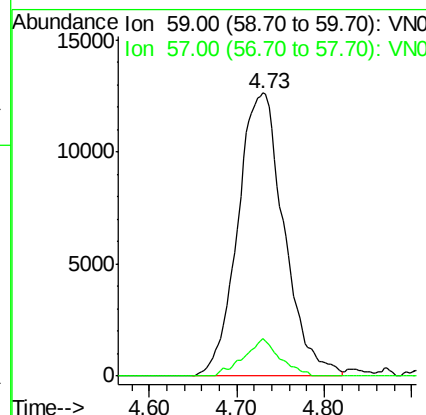
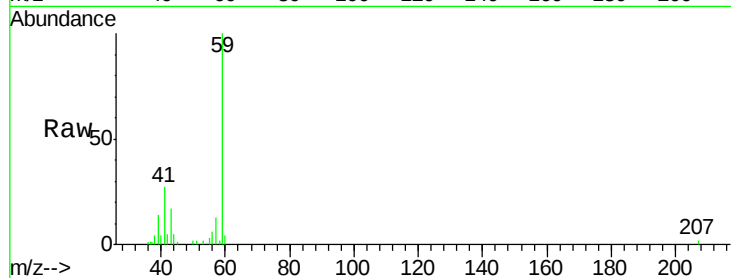
Tert butyl alcohol
 Concen: 83.197 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

Manual Integrations
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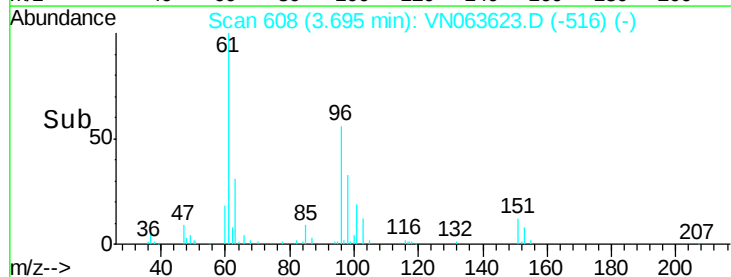
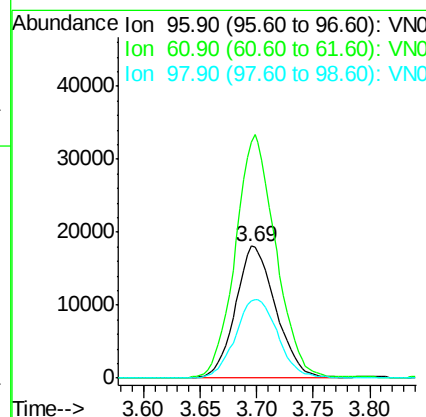
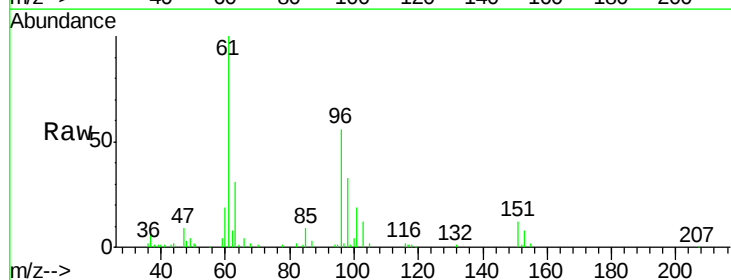
MMDadoda
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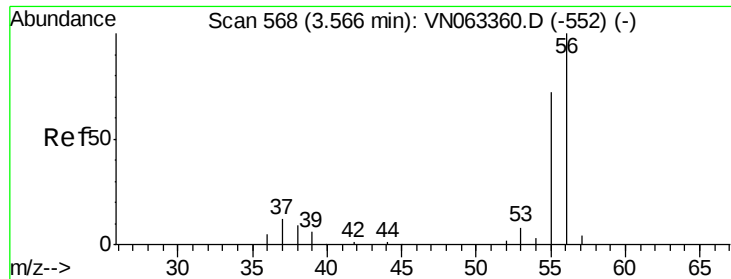


#12

1,1-Dichloroethene
 Concen: 16.830 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.5	143.4	215.2
98	58.5	50.6	76.0





#13

Acrolein

Concen: 57.846 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion: 56 Resp: 11928

Ion Ratio Lower Upper

56 100

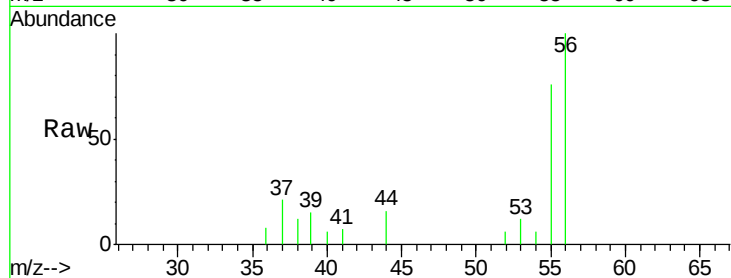
55 77.6 58.2 87.2

Manual Integrations

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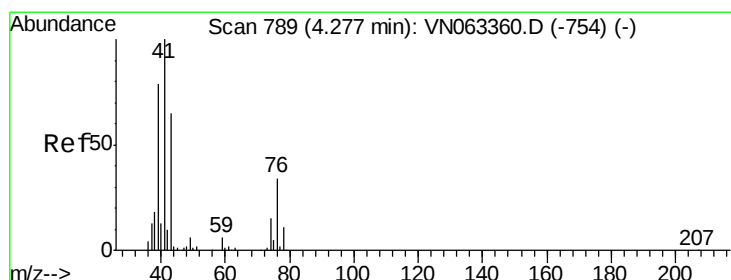
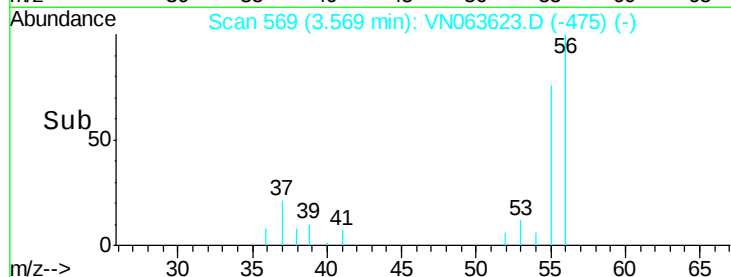
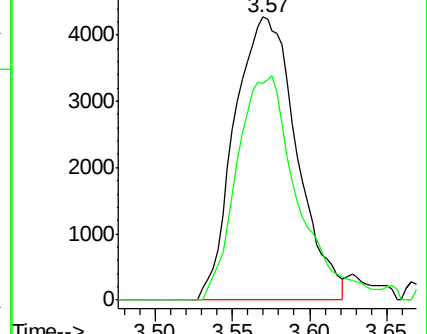
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.574 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

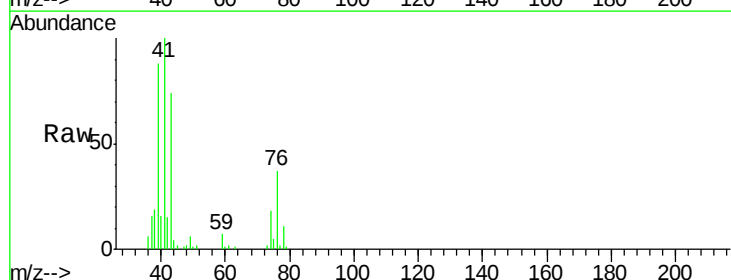
Tgt Ion: 41 Resp: 87294

Ion Ratio Lower Upper

41 100

39 76.3 59.3 88.9

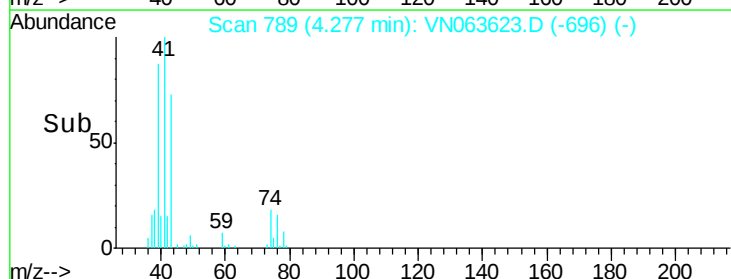
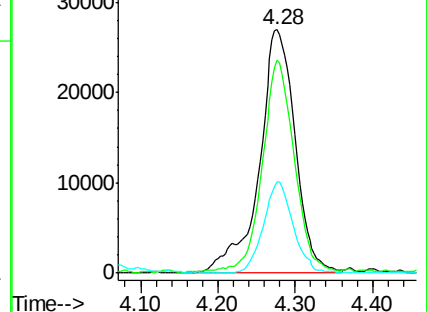
76 31.0 25.3 37.9

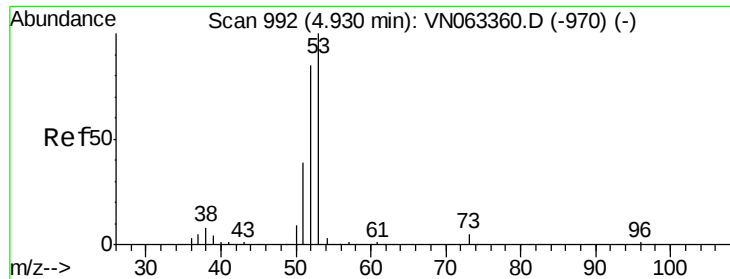


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 86.714 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

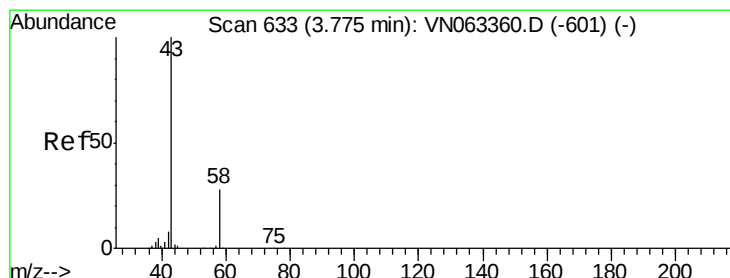
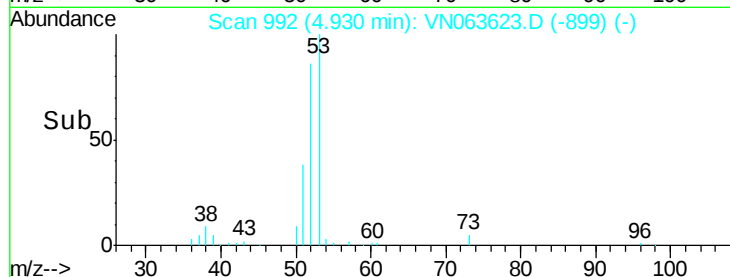
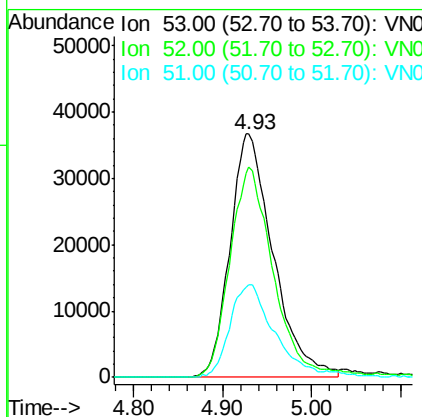
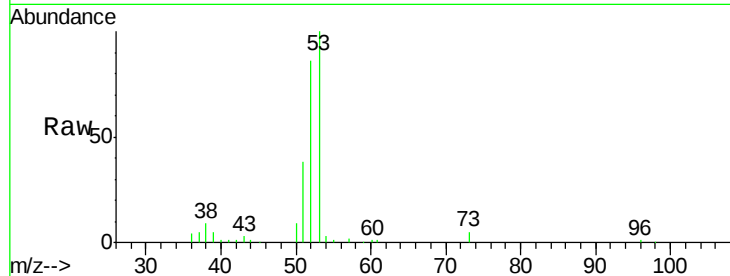
ClientSampleId :

VN0924WBSD01

Tot Ion:	53	Resp:	122732
Ion	Ratio	Lower	Upper
53	100		
52	87.1	66.4	99.6
51	38.7	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 88.735 ug/l

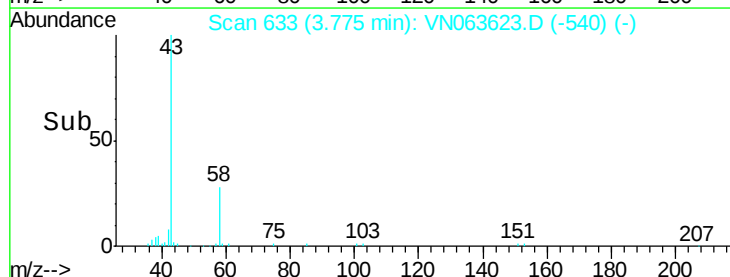
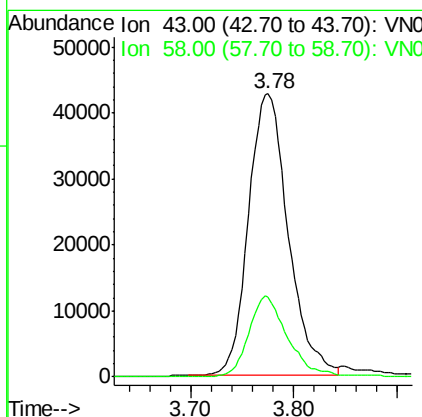
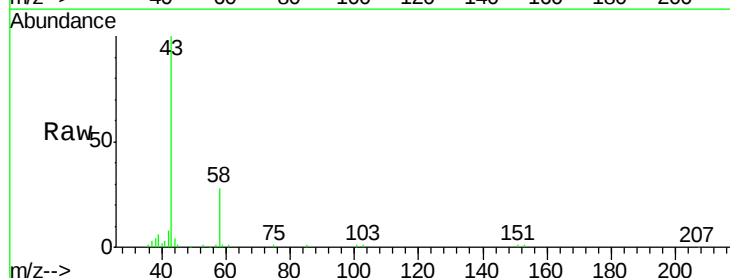
RT: 3.78 min Scan# 633

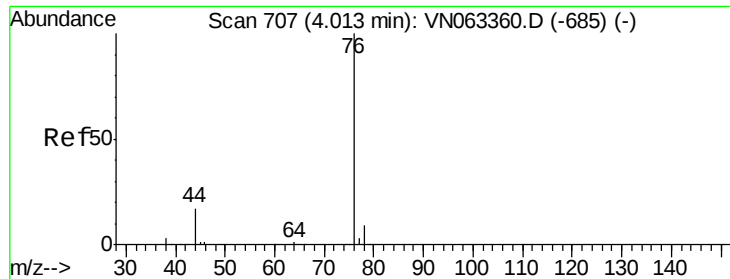
Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion:	43	Resp:	114542
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.3	33.5





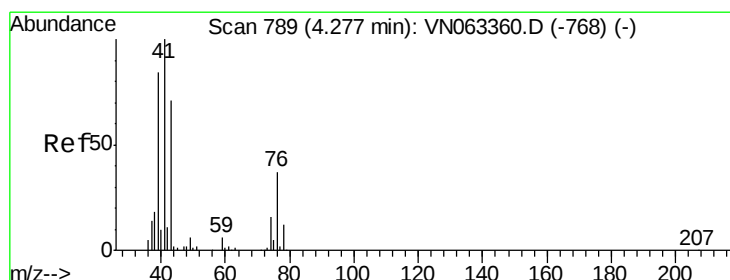
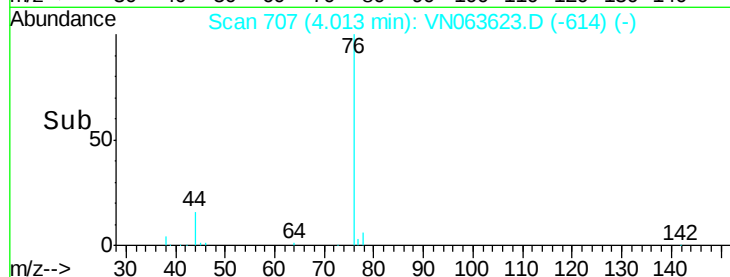
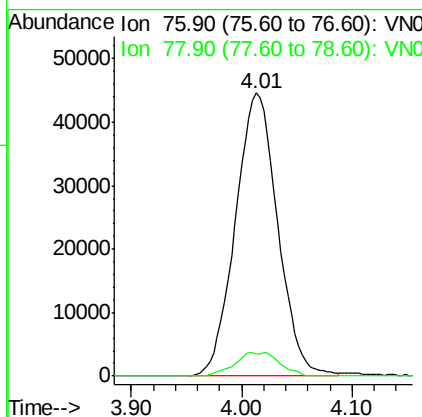
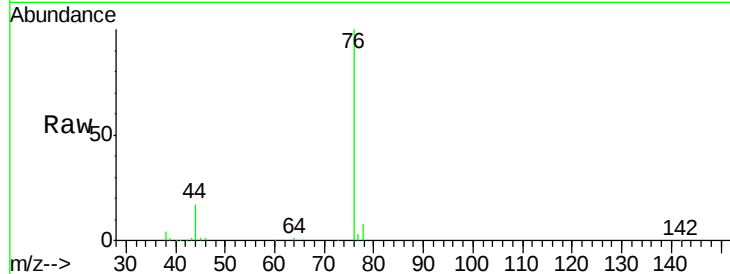
#17
Carbon Disulfide
Concen: 15.312 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion	76	Resp	118595
Ion Ratio	100	Lower	Upper
76	100		
78	8.1	7.2	10.8

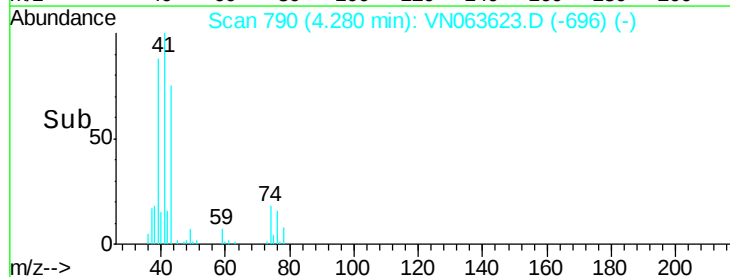
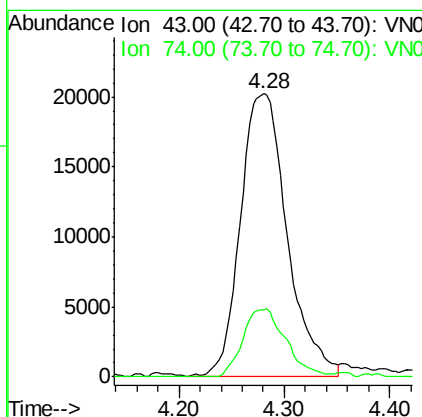
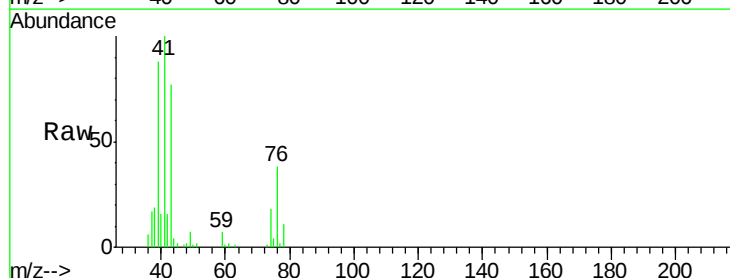
Manual Integrations
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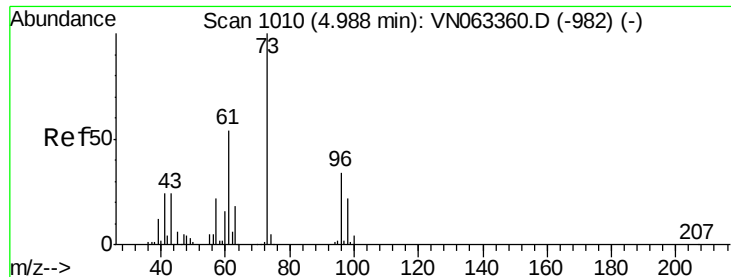
MMDadoda
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#18
Methyl Acetate
Concen: 19.039 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	43	Resp	62391
Ion Ratio	100	Lower	Upper
43	100		
74	22.0	17.4	26.2





#19

Methyl tert-butyl Ether

Concen: 17.196 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion: 73 Resp: 170653

Ion Ratio Lower Upper

73 100

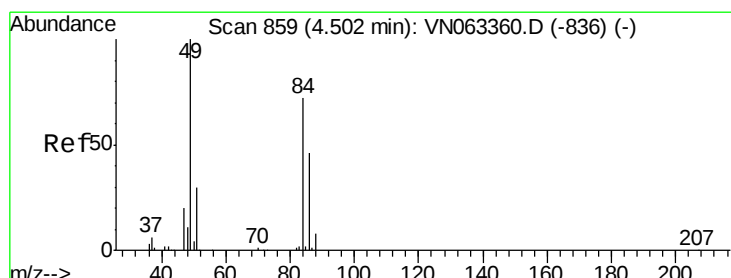
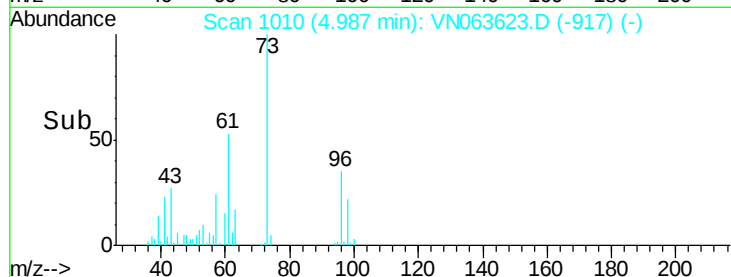
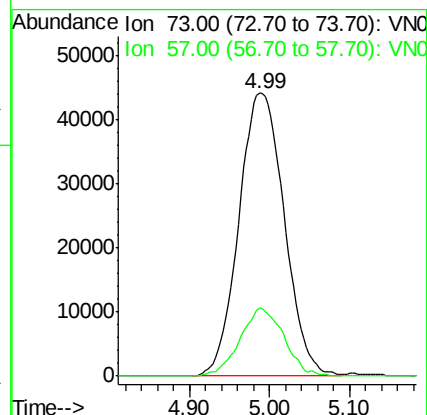
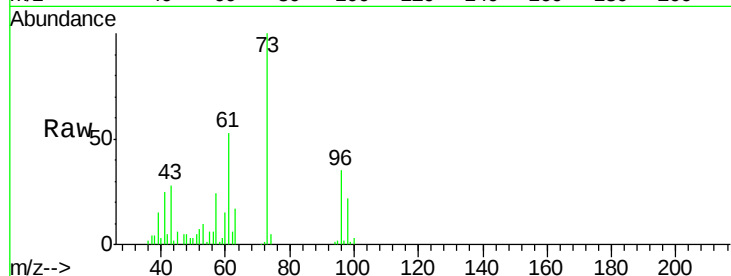
57 24.4 17.9 26.9

Manual Integrations

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#20

Methylene Chloride

Concen: 17.231 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion: 84 Resp: 56354

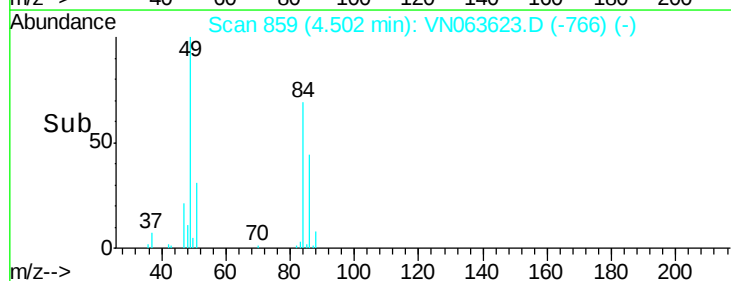
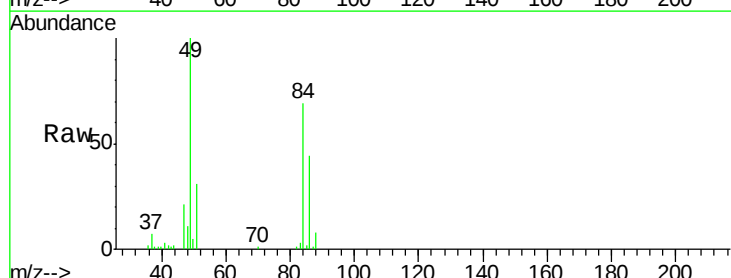
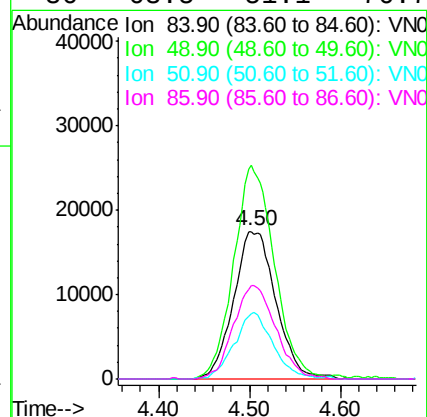
Ion Ratio Lower Upper

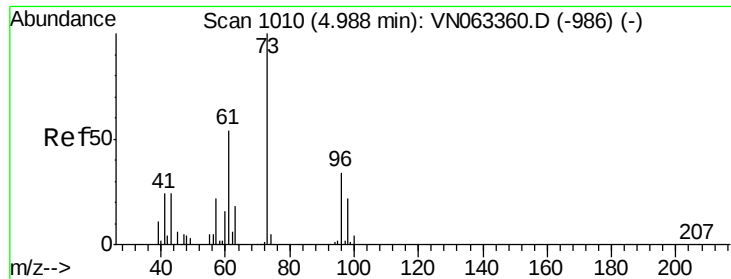
84 100

49 145.0 110.7 166.1

51 44.7 32.9 49.3

86 63.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.135 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

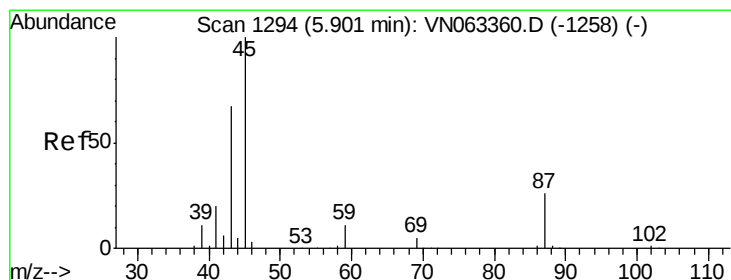
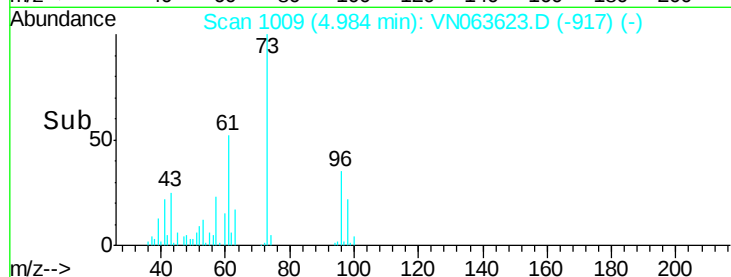
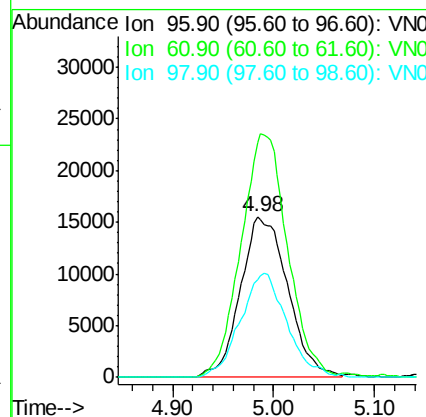
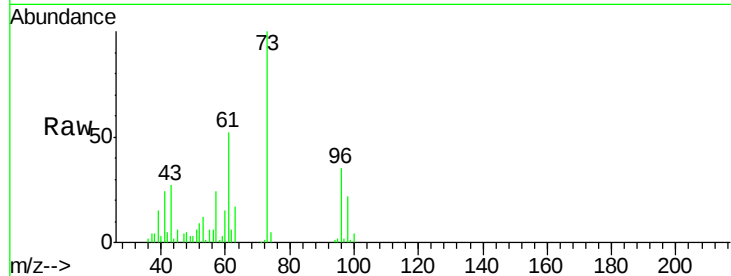
ClientSampled :

VN0924WBSD01

Tot Ion:	96	Resp:	50550
Ion	Ratio	Lower	Upper
96	100		
61	145.9	126.2	189.4
98	61.1	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.271 ug/l

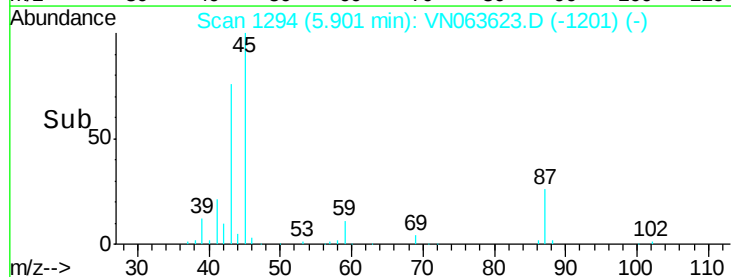
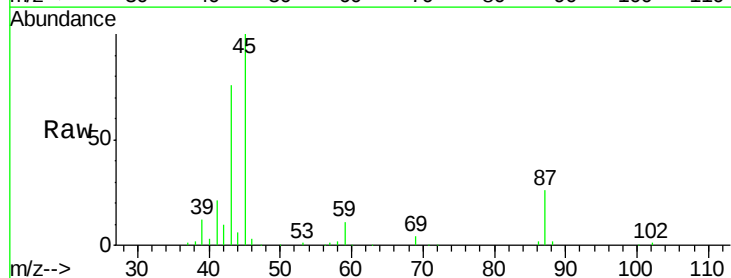
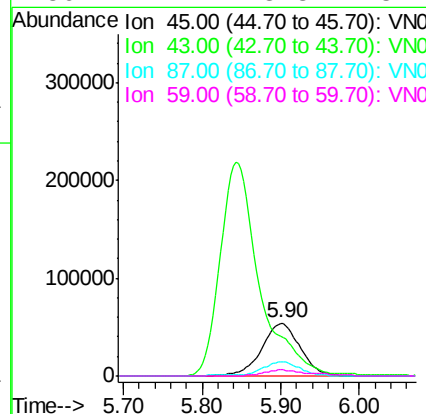
RT: 5.90 min Scan# 1294

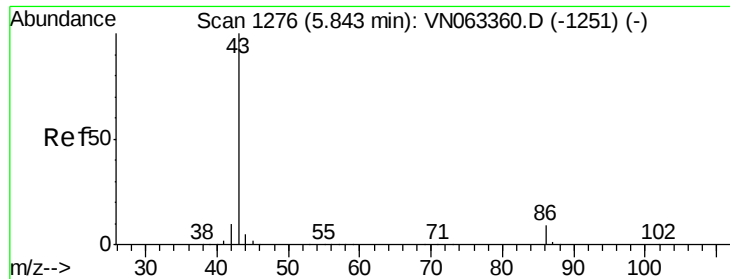
Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion:	45	Resp:	185520
Ion	Ratio	Lower	Upper
45	100		
43	73.2	53.5	80.3
87	26.2	21.2	31.8
59	11.2	8.8	13.2





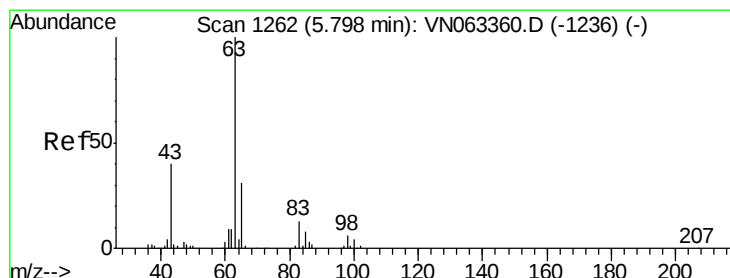
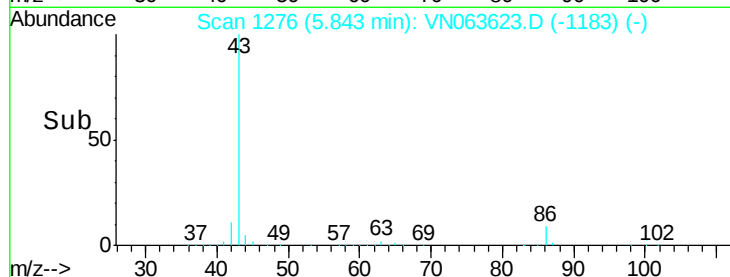
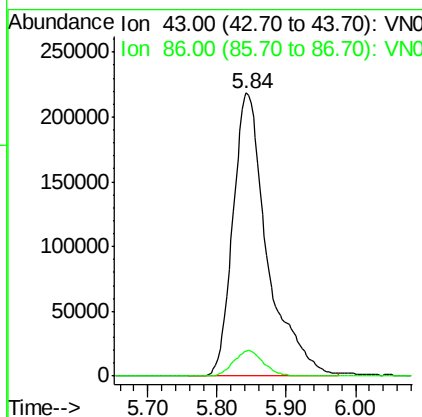
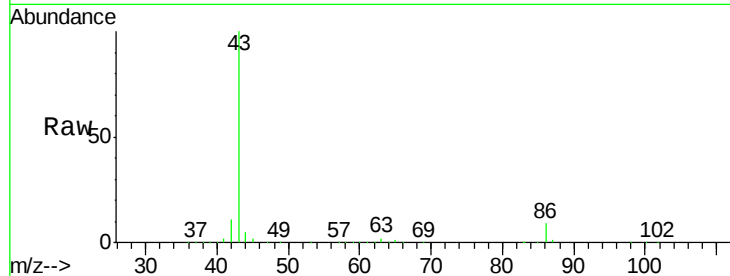
#23
 Vinyl Acetate
 Concen: 85.676 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion	43	Resp	755812
Ion Ratio	100	Lower	Upper
43	100		
86	9.0	7.1	10.7

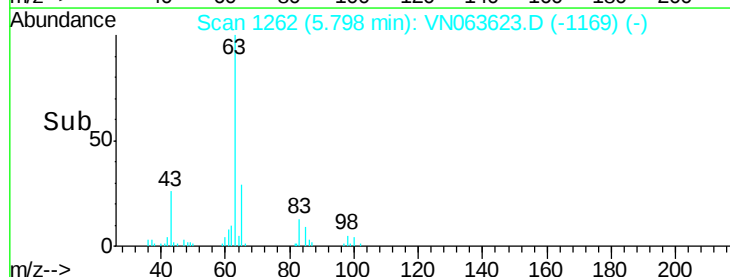
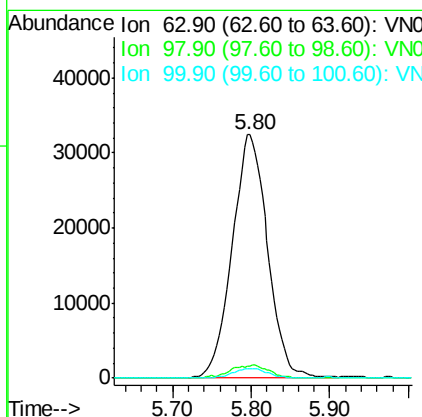
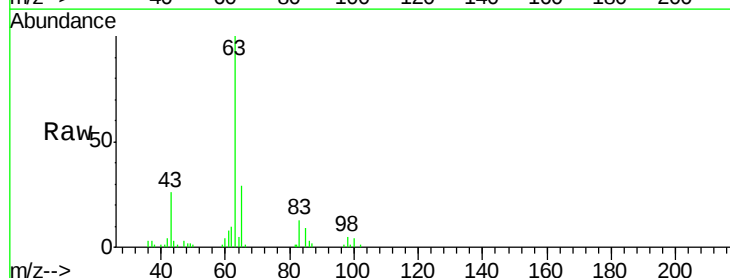
Manual Integrations
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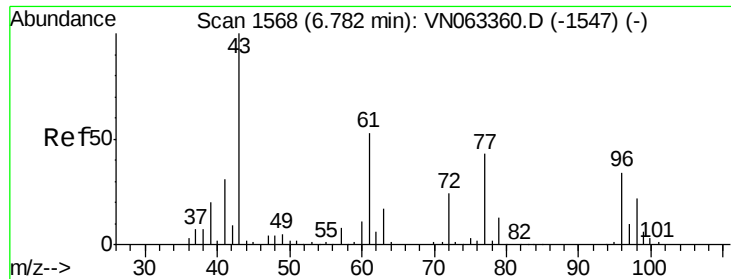
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 17.401 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	63	Resp	102048
Ion Ratio	100	Lower	Upper
63	100		
98	5.2	2.9	8.8
100	3.8	2.1	6.3





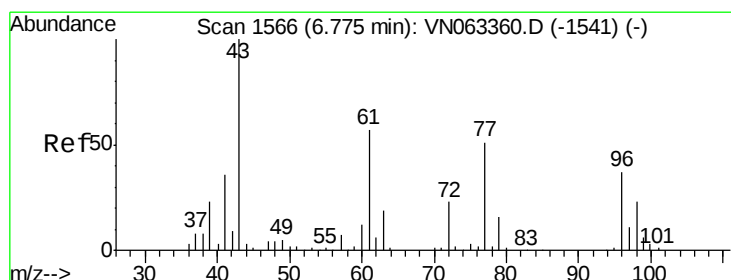
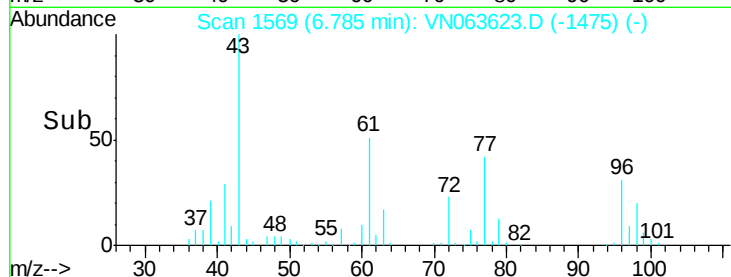
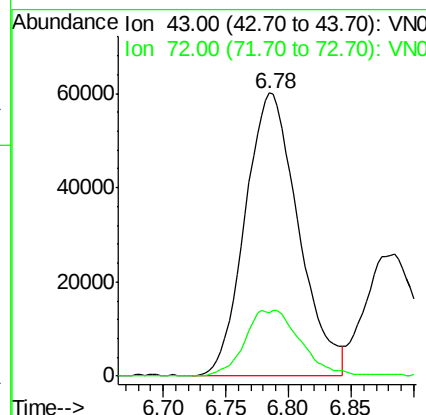
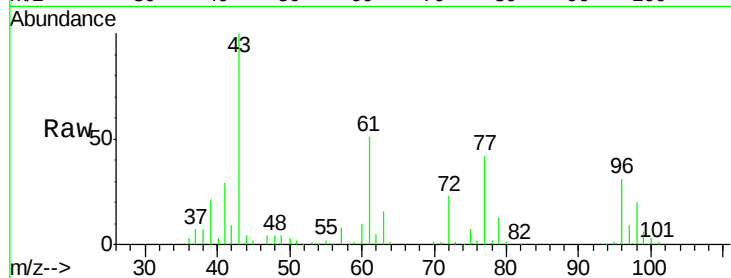
#25
2-Butanone
Concen: 88.985 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampled :
VN0924WBSD01

Tot Ion: 43 Resp: 176659
Ion Ratio Lower Upper
43 100
72 22.6 19.2 28.8

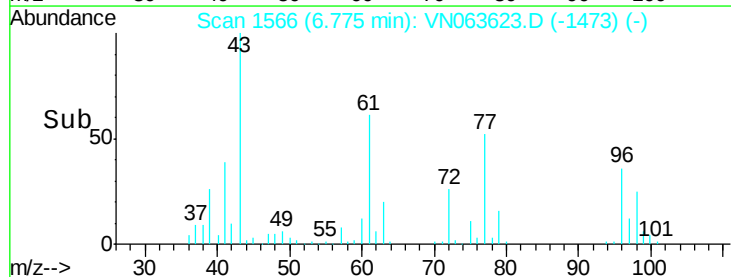
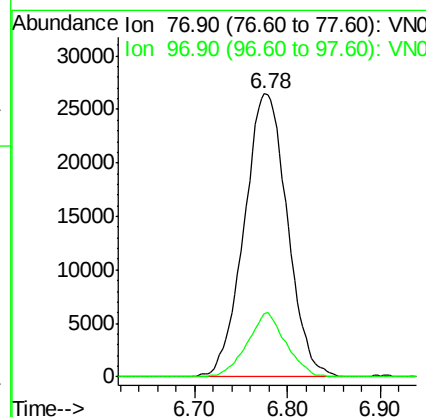
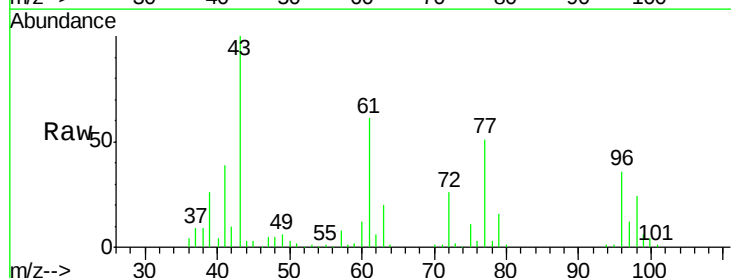
Manual Integrations
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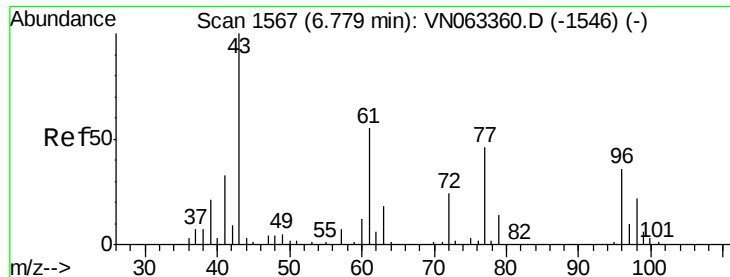
MMDadoda
9/28/2020 5:16:07 PM



#26
2,2-Dichloropropane
Concen: 16.566 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion: 77 Resp: 85537
Ion Ratio Lower Upper
77 100
97 20.4 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.272 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

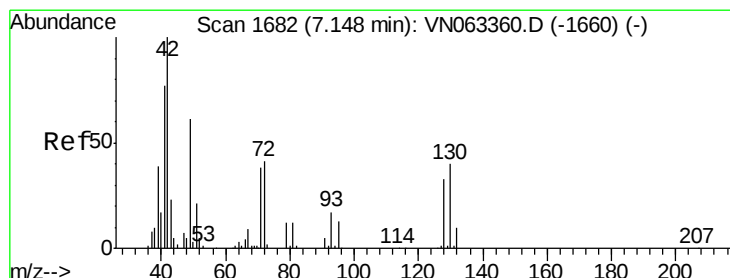
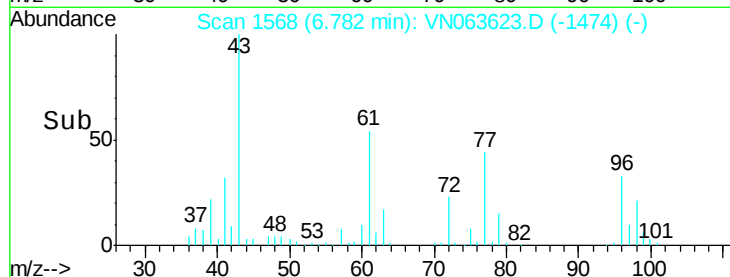
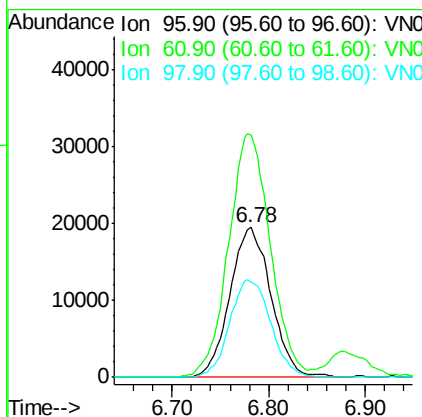
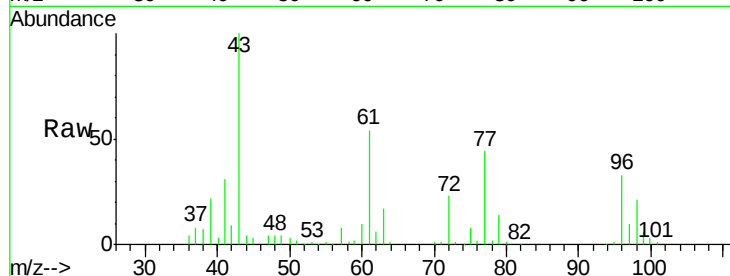
ClientSampleId :

VN0924WBSD01

Tot Ion:	96	Resp:	57671
Ion	Ratio	Lower	Upper
96	100		
61	165.2	0.0	319.6
98	64.8	0.0	127.8

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#28

Bromochloromethane

Concen: 17.553 ug/l

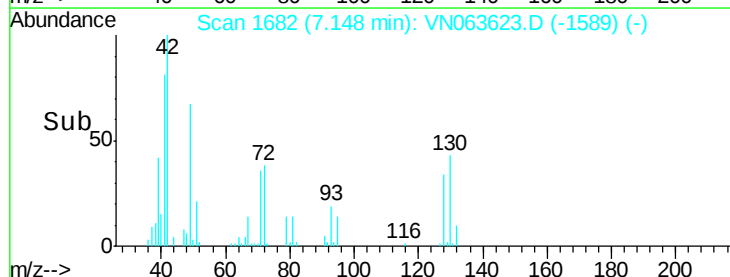
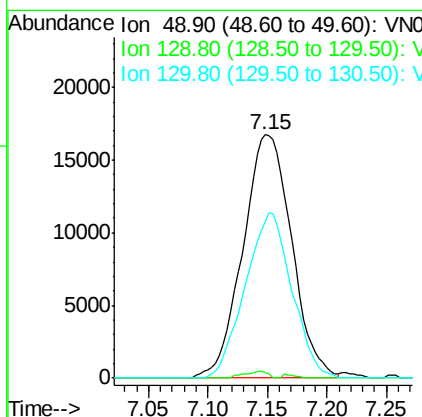
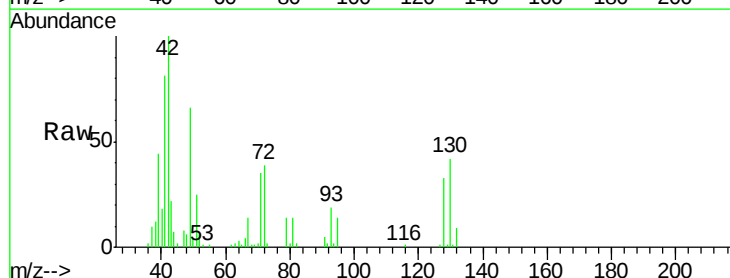
RT: 7.15 min Scan# 1682

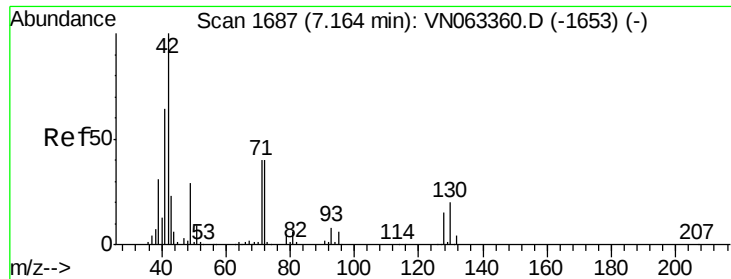
Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion:	49	Resp:	47529
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	64.8	52.2	78.2





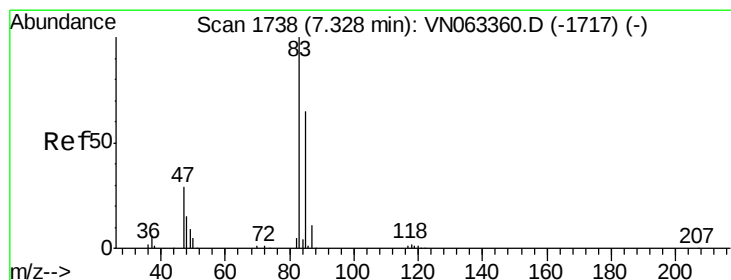
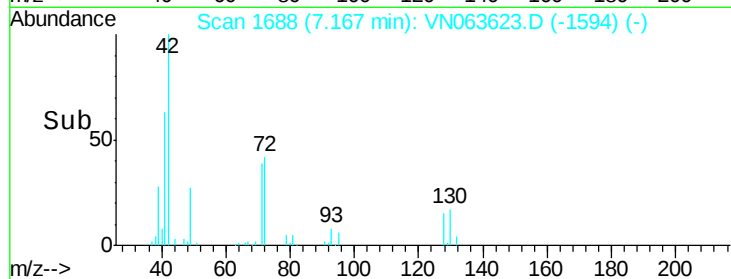
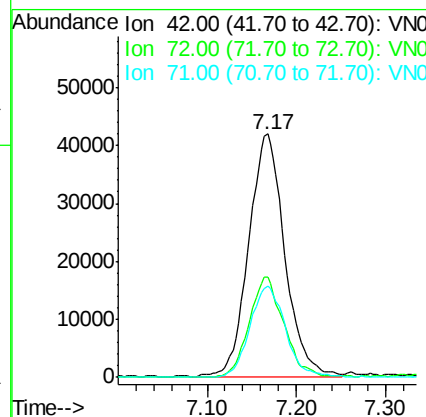
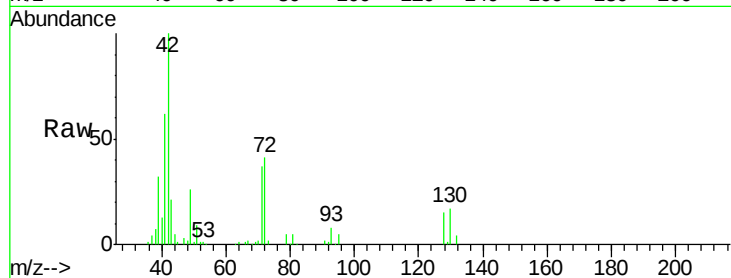
#29
Tetrahydrofuran
Concen: 87.495 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.1	48.1
71	36.8	31.2	46.8

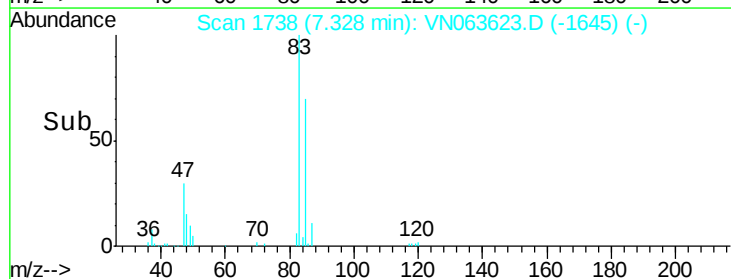
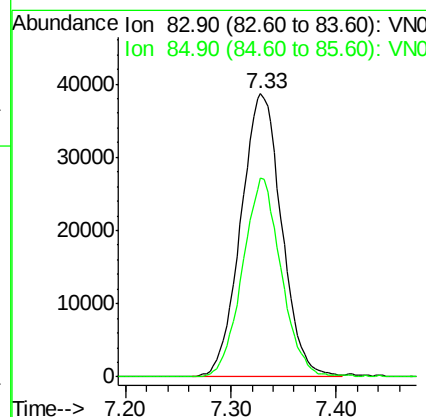
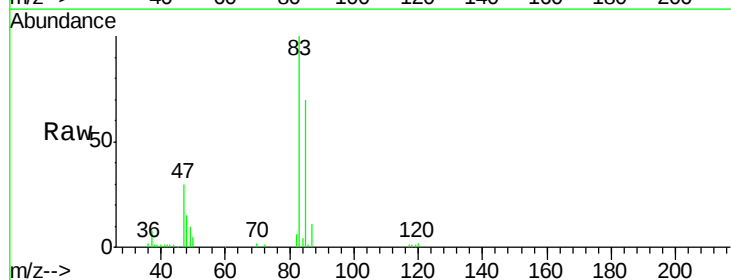
Manual Integrations
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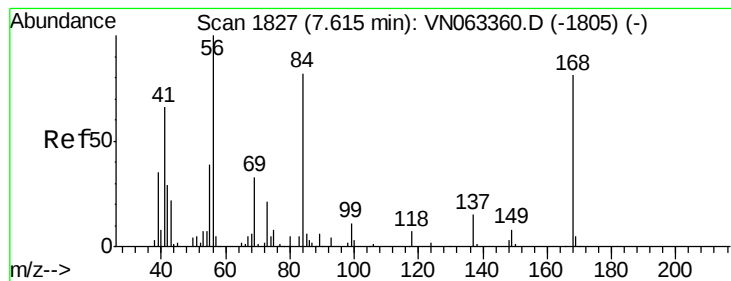
MMDadoda
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#30
Chloroform
Concen: 17.687 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.2	52.1	78.1





#31

Cyclohexane

Concen: 15.418 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

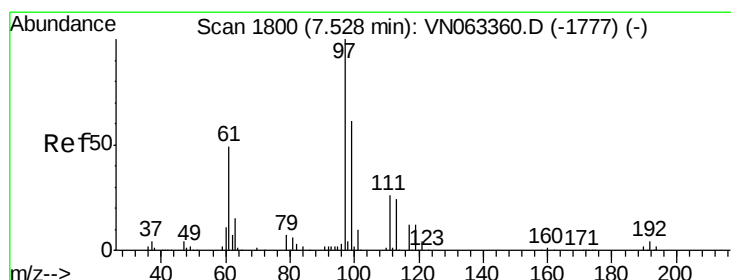
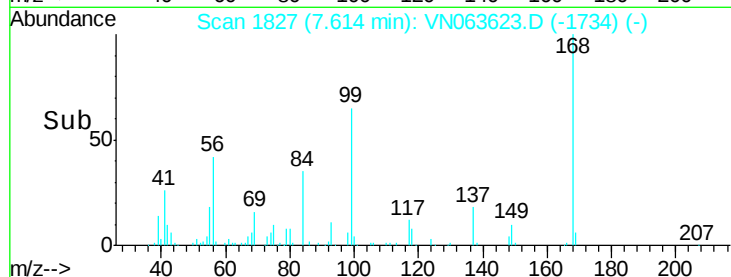
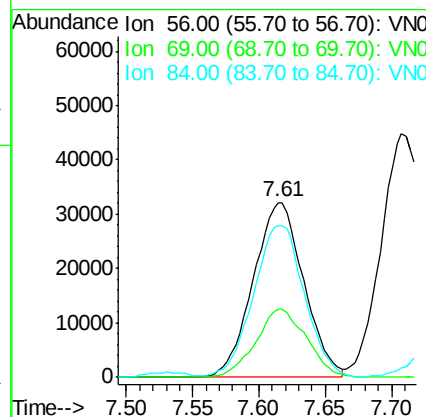
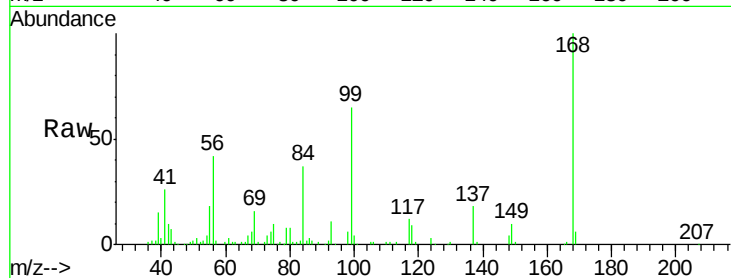
ClientSampleId :

VN0924WBSD01

Tot Ion:	56	Resp:	85525
Ion Ratio	Lower	Upper	
56	100		
69	39.0	26.1	39.1
84	85.8	65.4	98.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.548 ug/l

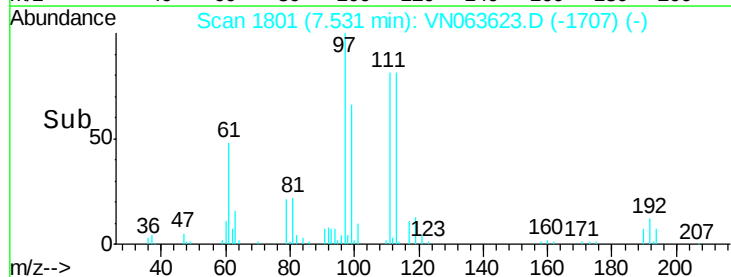
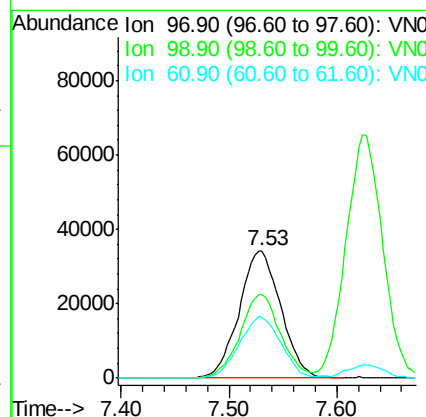
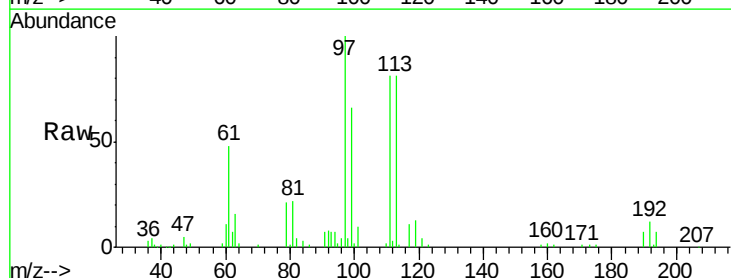
RT: 7.53 min Scan# 1801

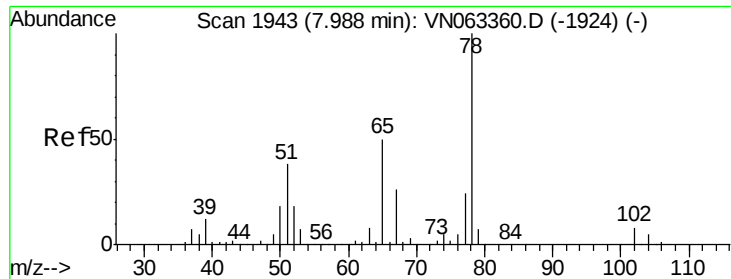
Delta R.T. 0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion:	97	Resp:	91831
Ion Ratio	Lower	Upper	
97	100		
99	63.8	50.6	76.0
61	48.7	39.2	58.8





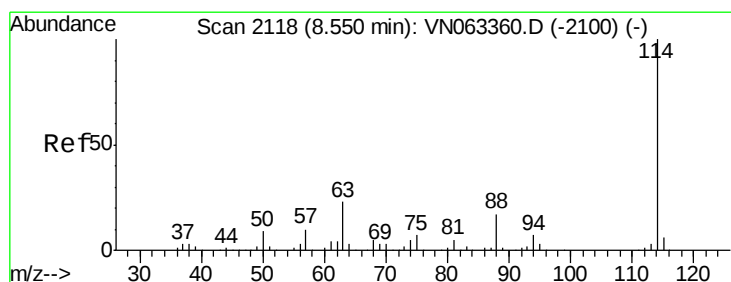
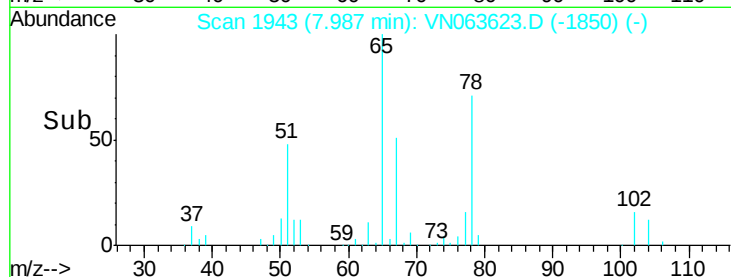
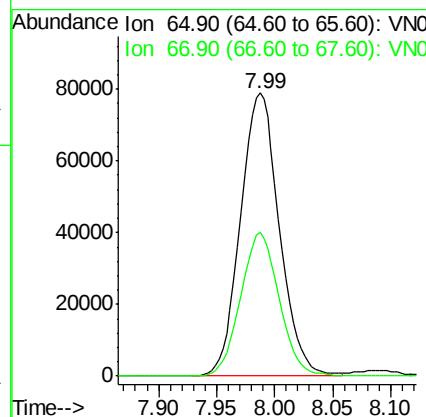
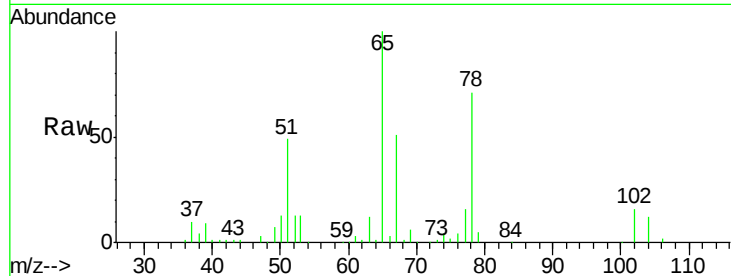
#33
 1,2-Dichloroethane-d4
 Concen: 45.845 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184138		
67	50.2	0.0	104.2	

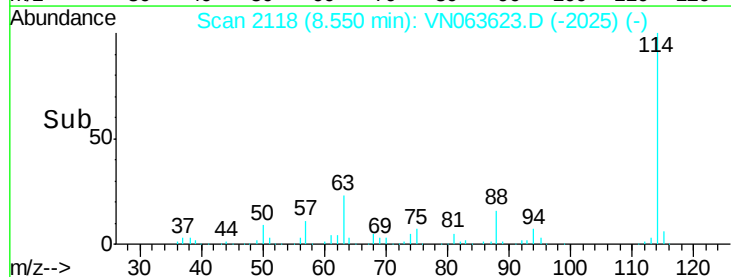
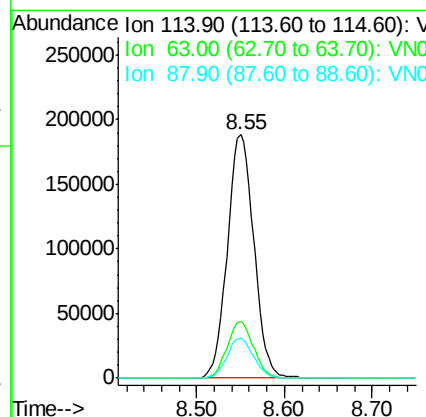
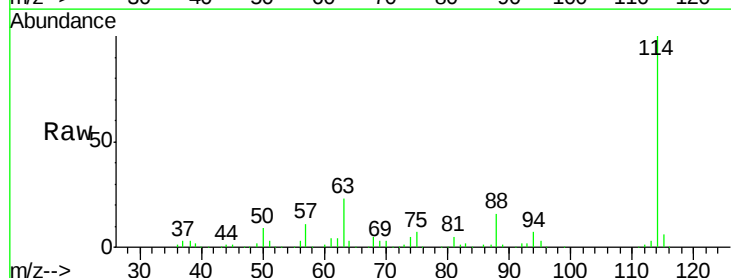
Manual Integrations
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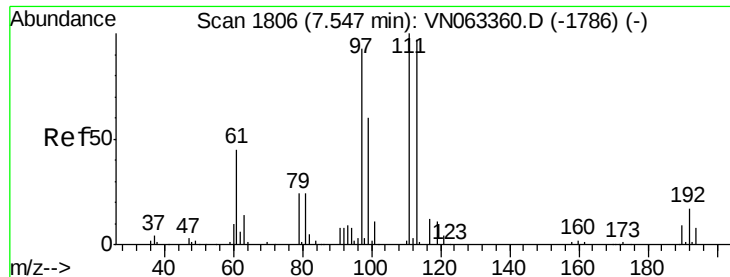
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	396050		
63	23.2	0.0	46.4	
88	16.3	0.0	33.2	





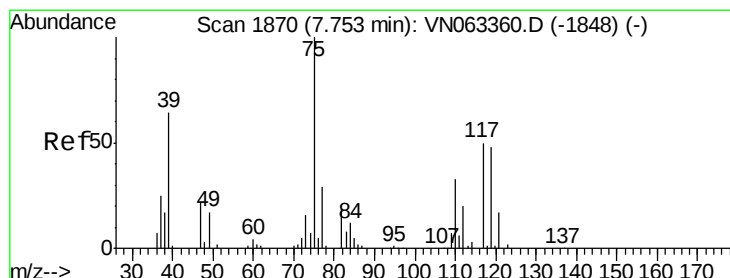
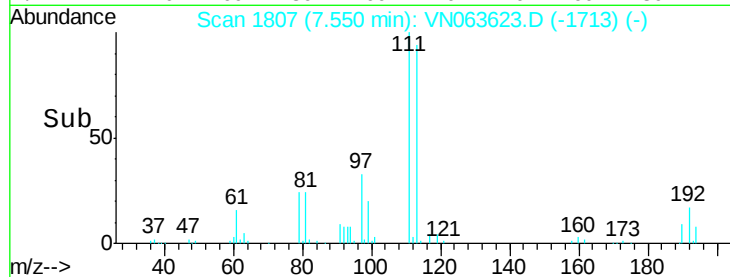
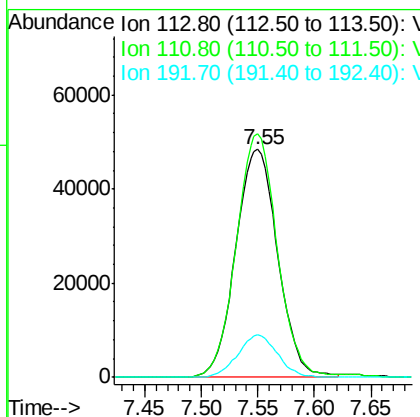
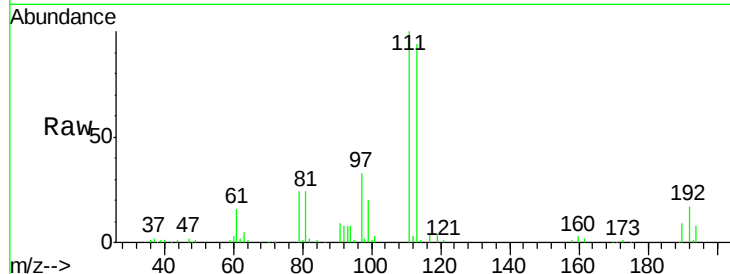
#35
 Dibromofluoromethane
 Concen: 45.774 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.6	82.9	124.3	
192	17.6	13.9	20.9	

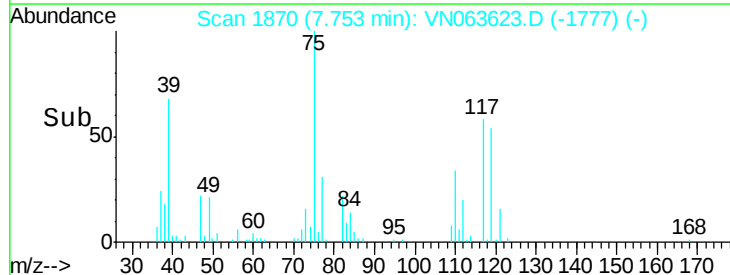
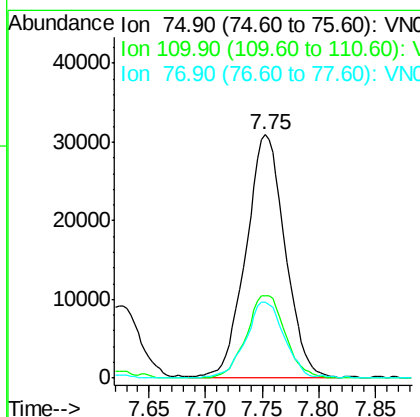
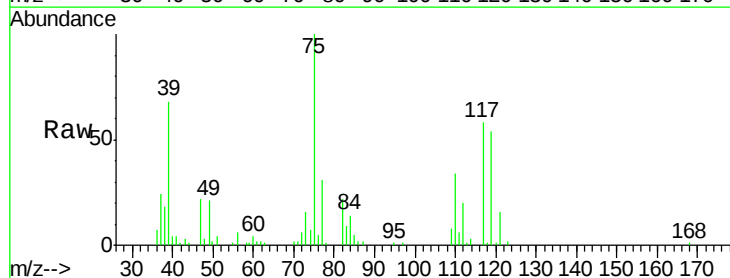
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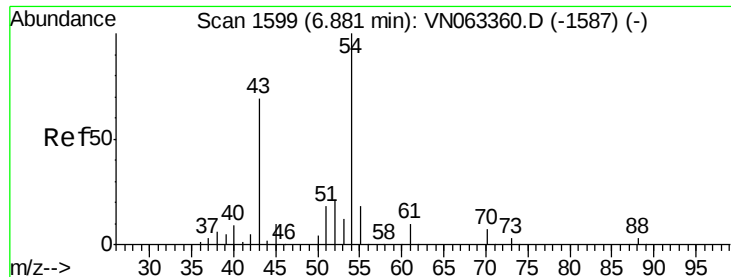
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 17.685 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.7	16.5	49.5	
77	30.8	24.6	36.8	





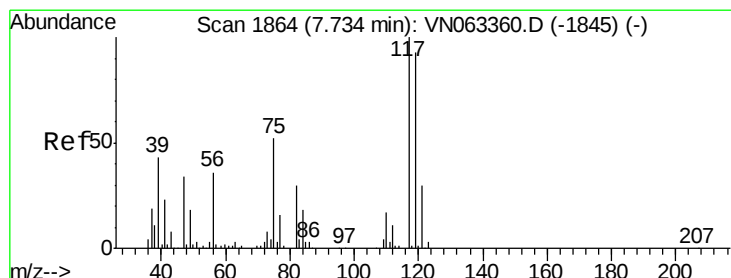
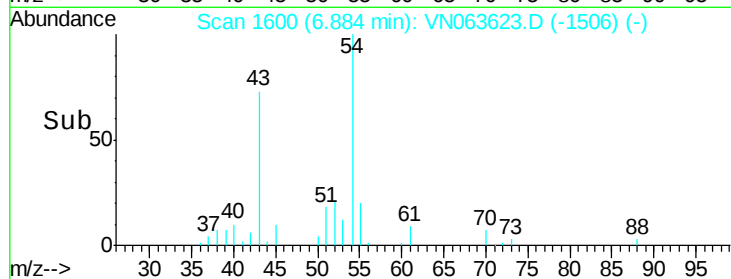
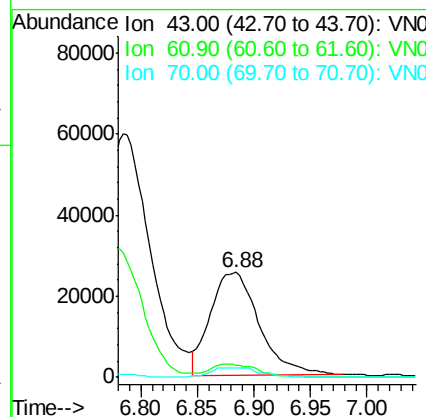
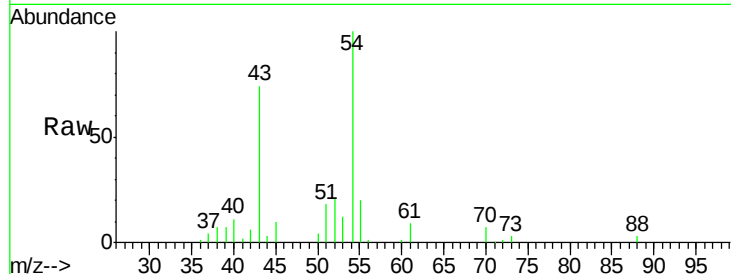
#37
Ethyl Acetate
Concen: 18.288 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampled :
VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	10.6	15.8
70	4.7	7.2	10.8

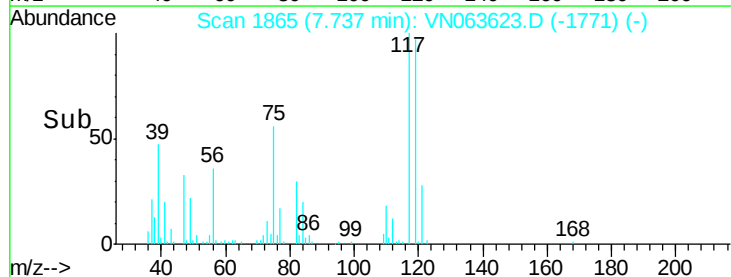
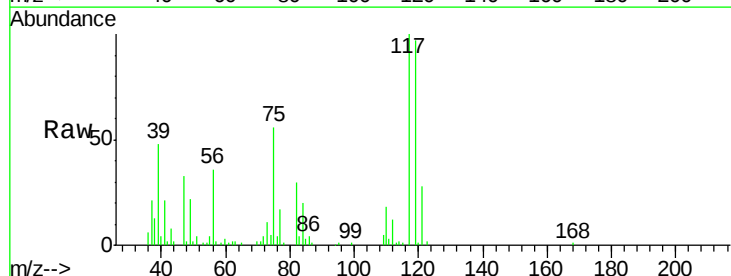
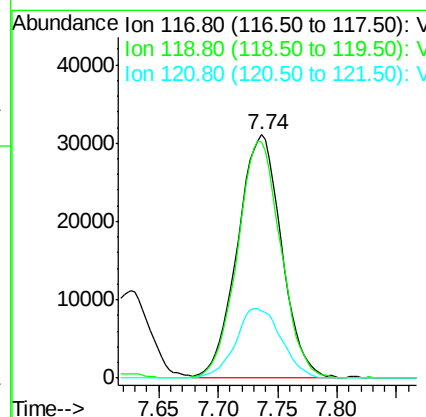
Manual Integrations
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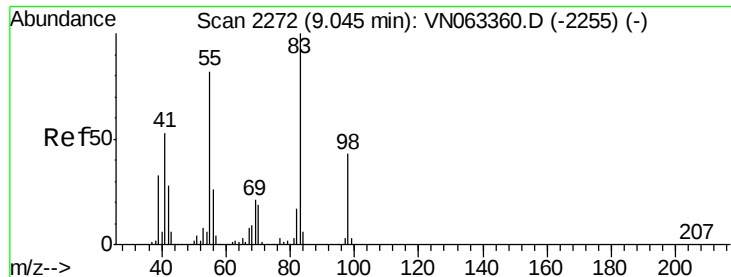
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.507 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.5	111.7
121	27.8	24.1	36.1





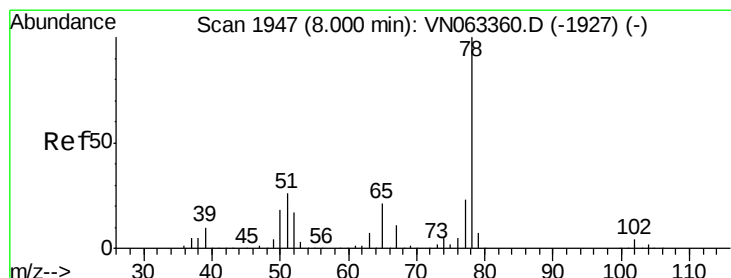
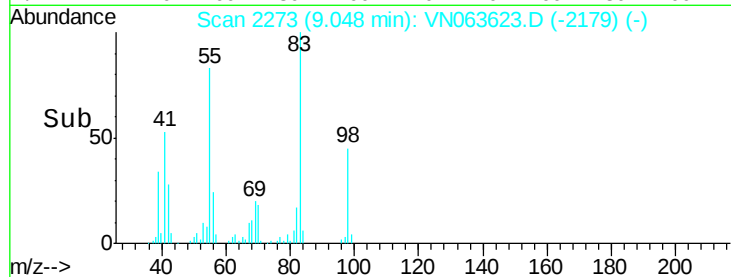
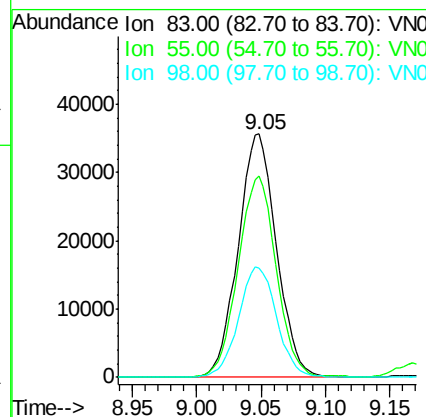
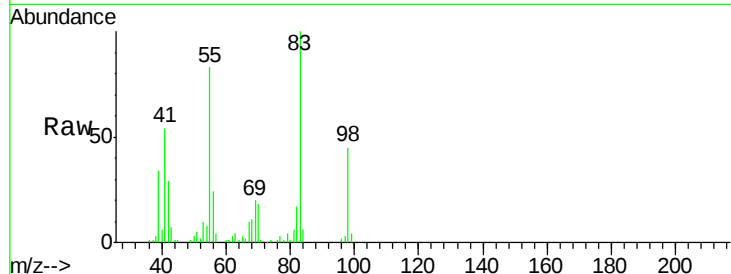
#39
Methvlcvclohexane
Concen: 16.077 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.5	98.3
98	44.7	34.2	51.4

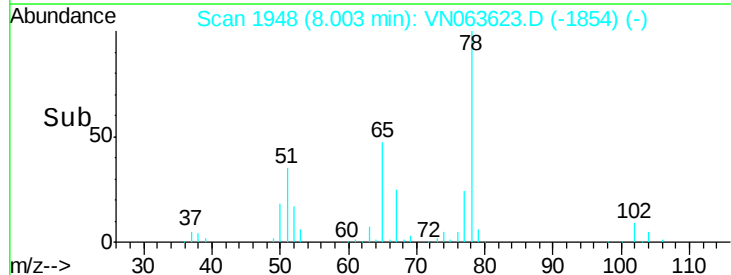
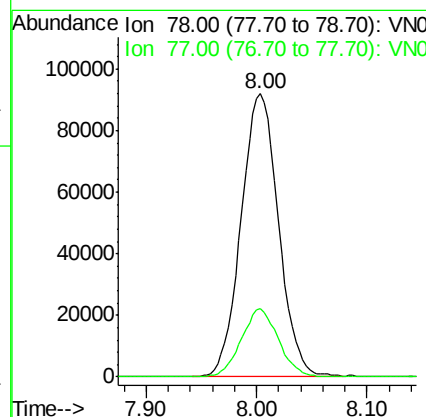
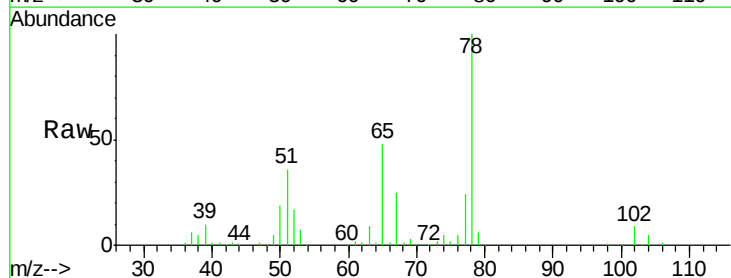
Manual Integrations
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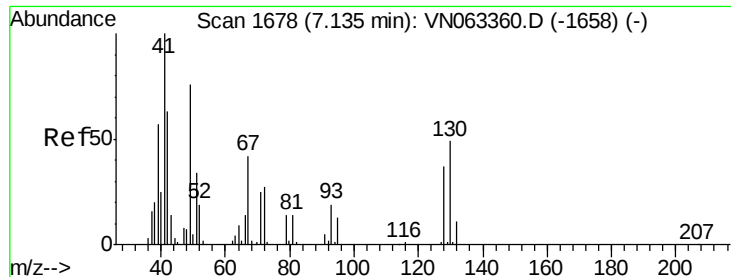
MMDadoda
9/28/2020 5:16:07 PM



#40
Benzene
Concen: 17.959 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.3	27.5





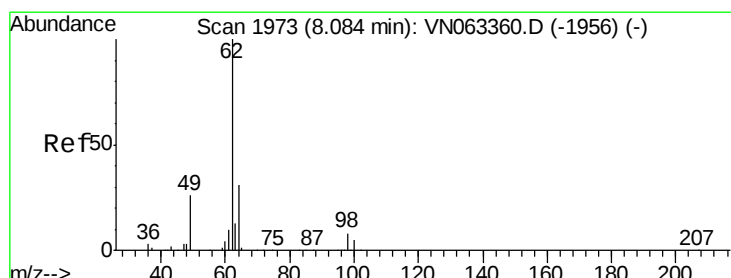
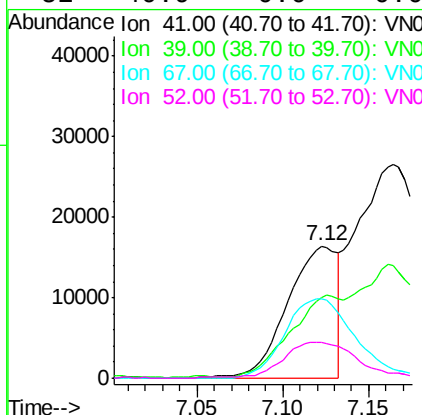
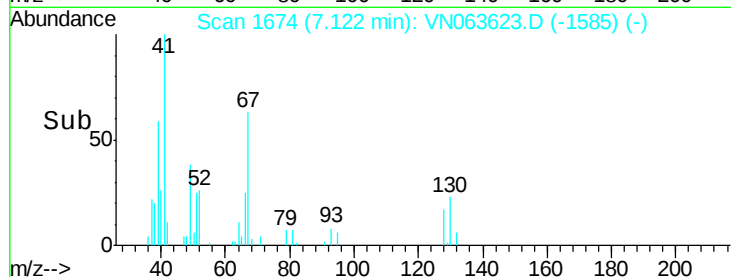
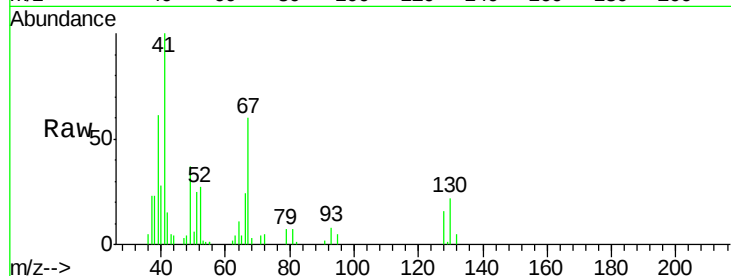
#41
Methacrylonitrile
Concen: 17.757 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion	41	Resp	33072
Ion Ratio	Lower	Upper	
41	100		
39	63.7	0.0	0.0#
67	85.6	0.0	0.0#
52	40.9	0.0	0.0#

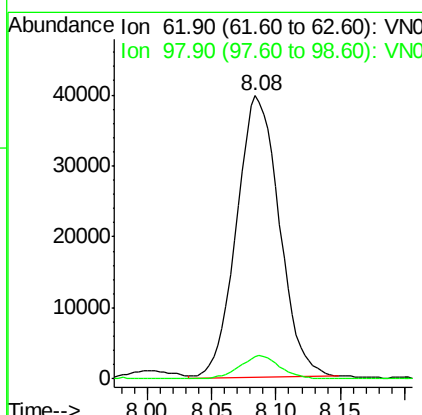
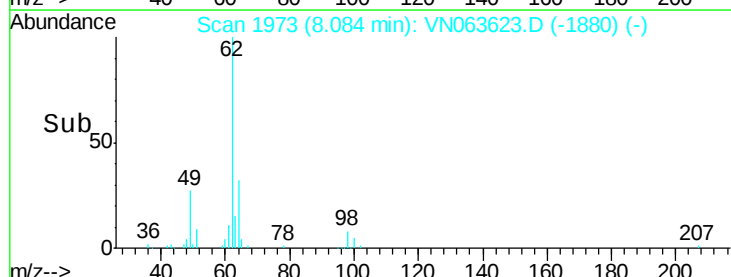
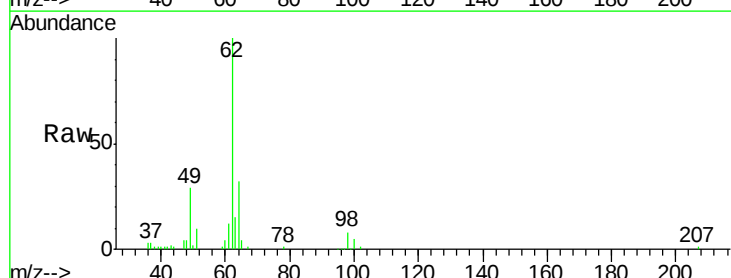
Manual Integrations
APPROVED

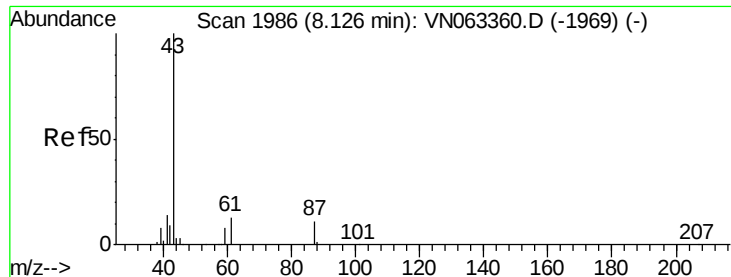
MMDadoda
9/28/2020 5:16:07 PM



#42
1,2-Dichloroethane
Concen: 18.896 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	62	Resp	91527
Ion Ratio	Lower	Upper	
62	100		
98	7.8	0.0	15.6





#43

Isopropyl Acetate

Concen: 17.474 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

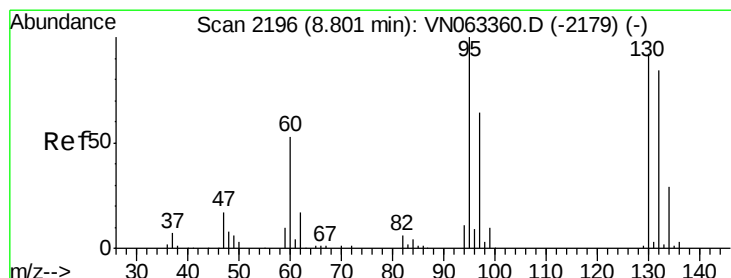
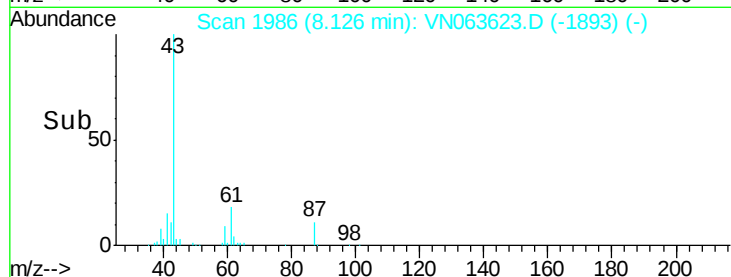
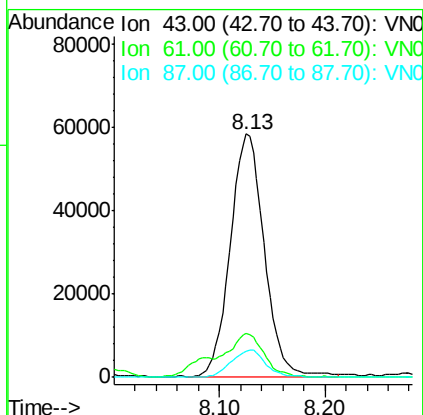
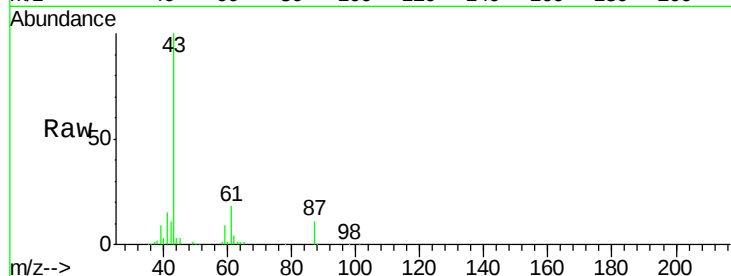
ClientSampleId :

VN0924WBSD01

Tot Ion	43	Resp	129391
Ion Ratio	Lower	Upper	
43	100		
61	18.2	14.2	21.2
87	11.5	9.0	13.6

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MMDadoda
9/28/2020 5:16:07 PM



#44

Trichloroethene

Concen: 18.583 ug/l

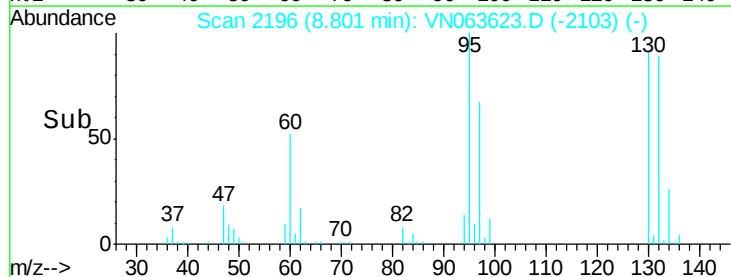
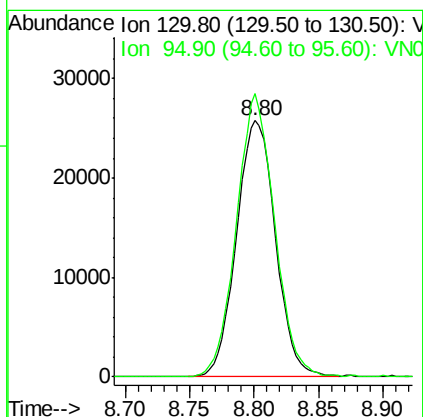
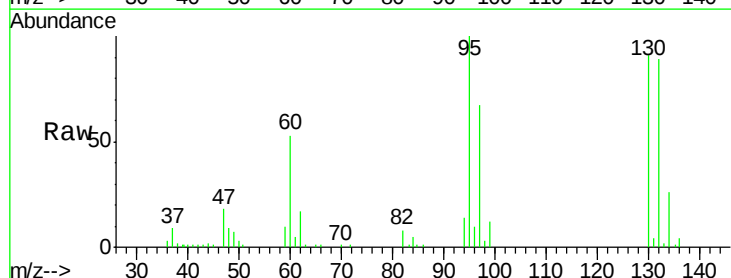
RT: 8.80 min Scan# 2196

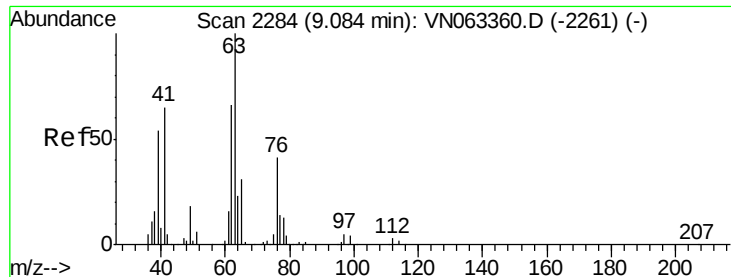
Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion	130	Resp	54288
Ion Ratio	Lower	Upper	
130	100		
95	110.4	0.0	217.4





#45

1,2-Dichloropropane

Concen: 18.042 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion: 63 Resp: 59187

Ion Ratio Lower Upper

63 100

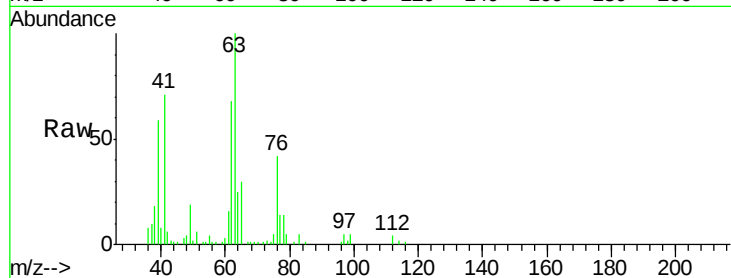
65 29.8 25.0 37.6

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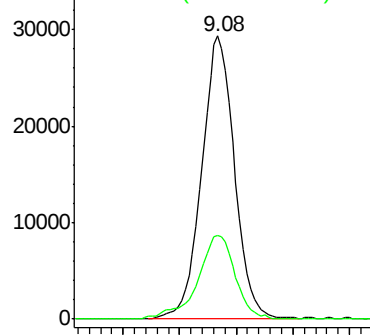
MMDadoda

9/28/2020 5:16:07 PM

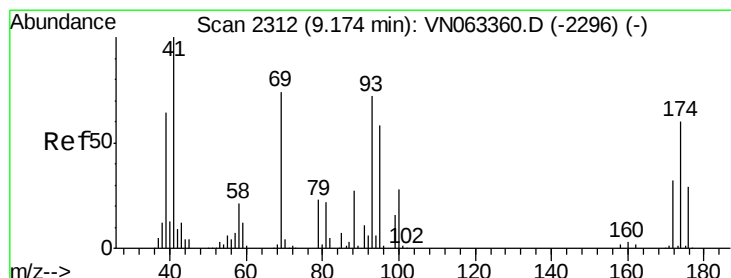
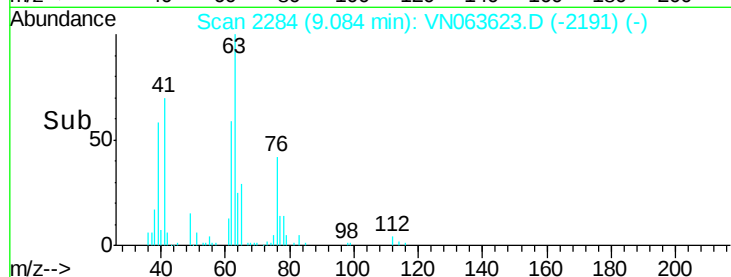


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



Time-->



#46

Dibromomethane

Concen: 18.775 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

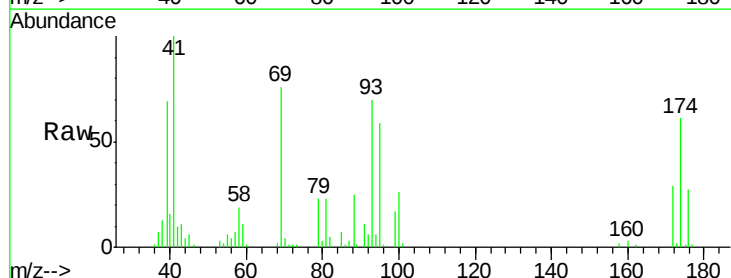
Tgt Ion: 93 Resp: 40480

Ion Ratio Lower Upper

93 100

95 86.7 65.6 98.4

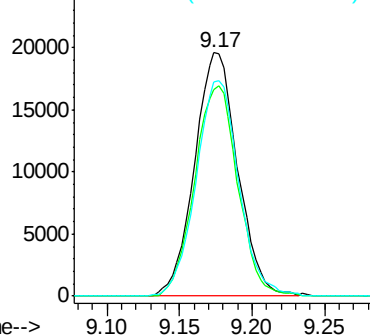
174 88.2 68.1 102.1



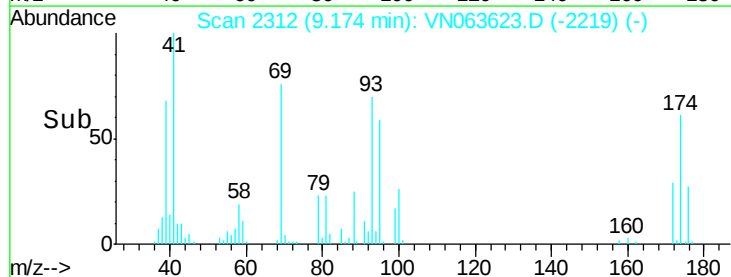
Abundance Ion 92.80 (92.50 to 93.50): VN0

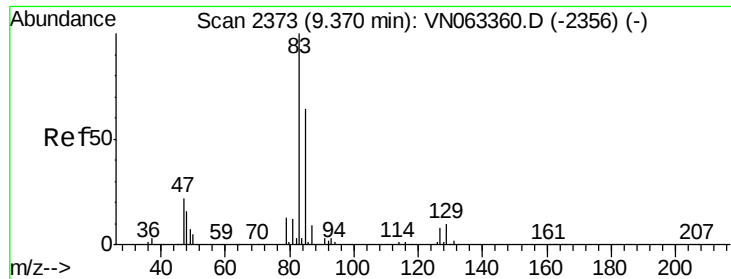
Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



Time-->





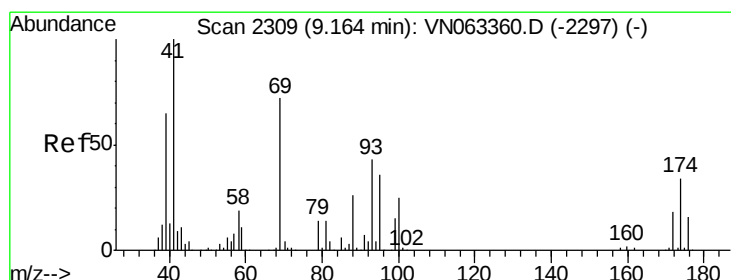
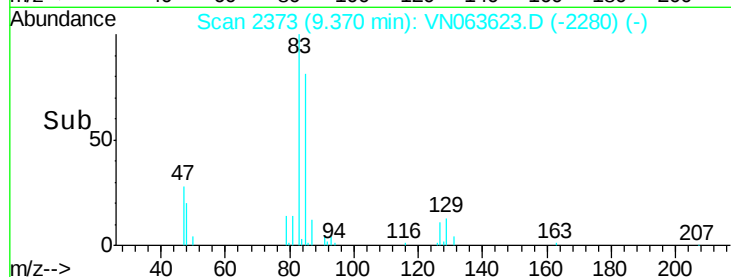
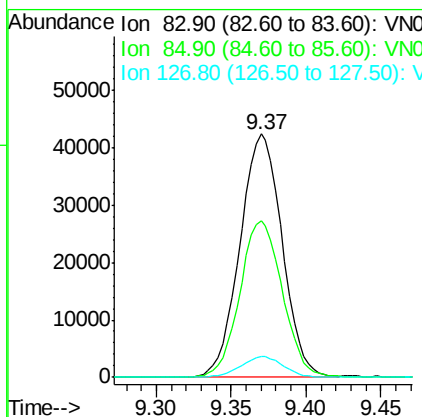
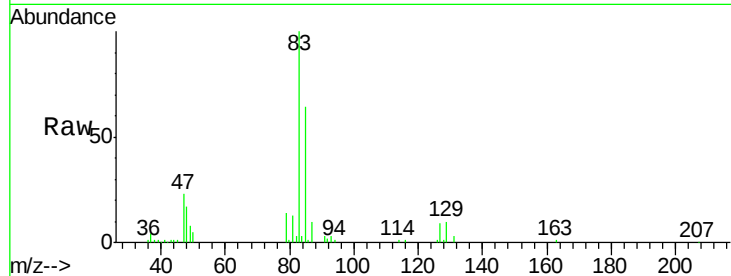
#47
Bromodichloromethane
Concen: 18.597 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion	83	Resp	83302
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	51.0	76.6
127	8.5	6.3	9.5

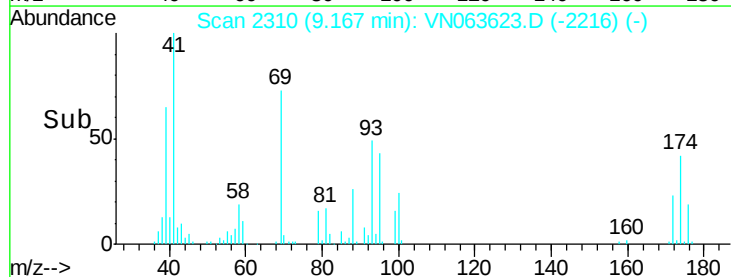
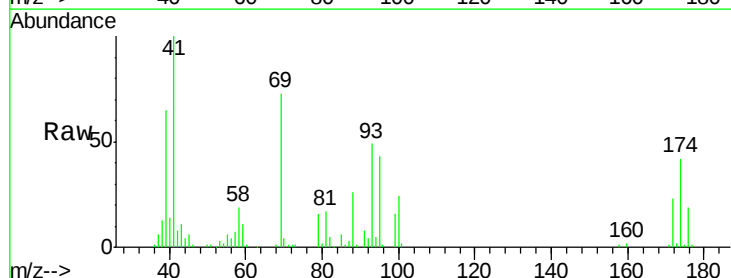
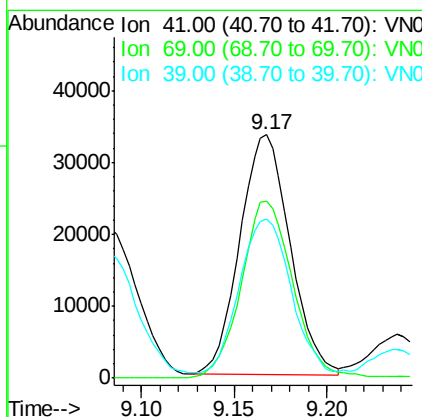
Manual Integrations
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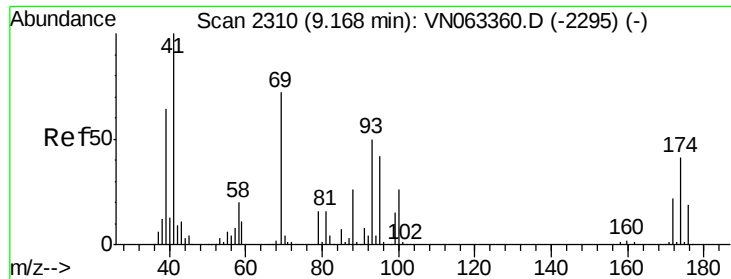
MMDadoda
9/28/2020 5:16:07 PM



#48
Methyl methacrylate
Concen: 17.386 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	41	Resp	63249
Ion Ratio	100	Lower	Upper
41	100		
69	75.4	59.3	88.9
39	68.6	52.9	79.3





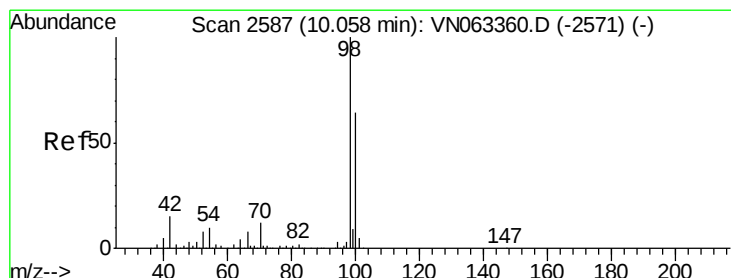
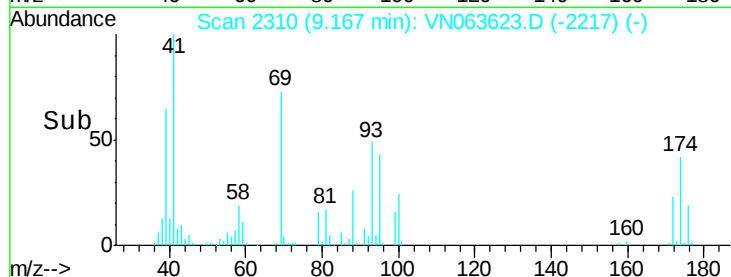
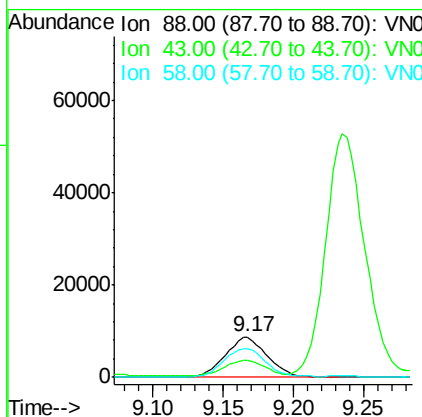
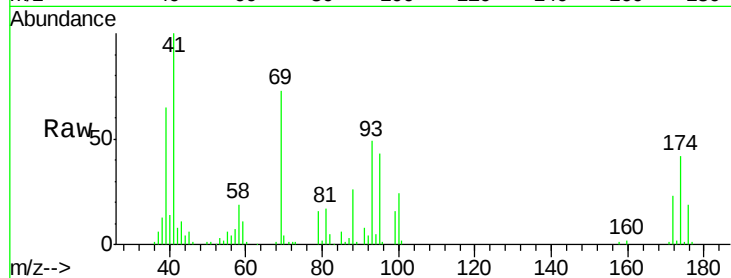
#49
1,4-Dioxane
Concen: 347.058 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampled :
VN0924WBSD01

Tot Ion	88	Resp	18119
Ion Ratio	Lower	Upper	
88	100		
43	37.5	32.6	49.0
58	72.9	60.0	90.0

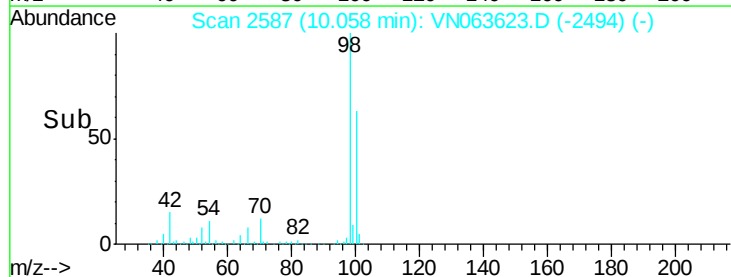
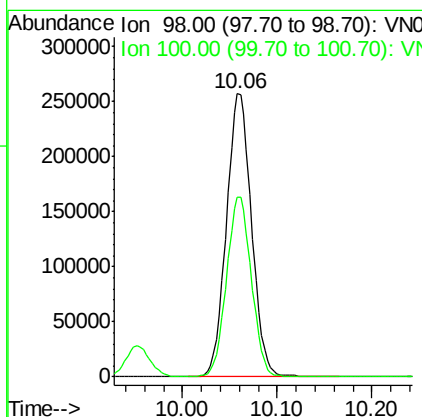
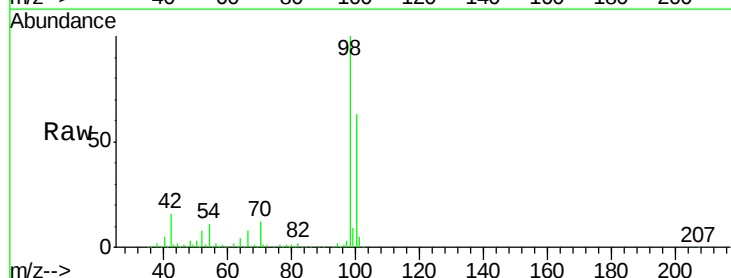
Manual Integrations
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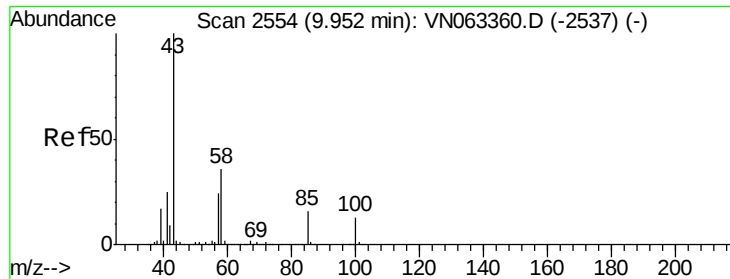
MMDadoda
9/28/2020 5:16:07 PM



#50
Toluene-d8
Concen: 45.986 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	98	Resp	474094
Ion Ratio	Lower	Upper	
98	100		
100	63.0	50.7	76.1





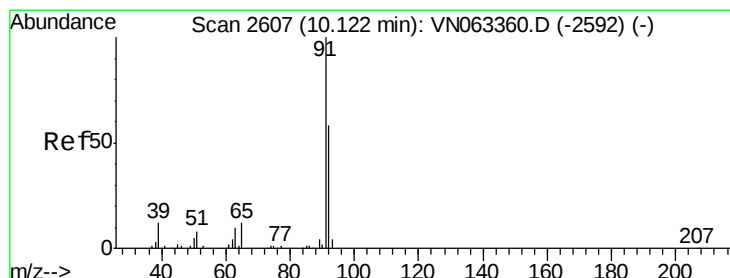
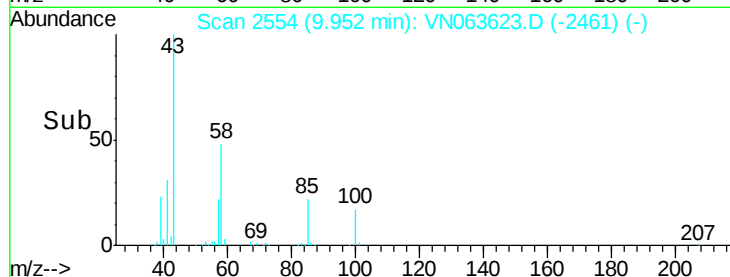
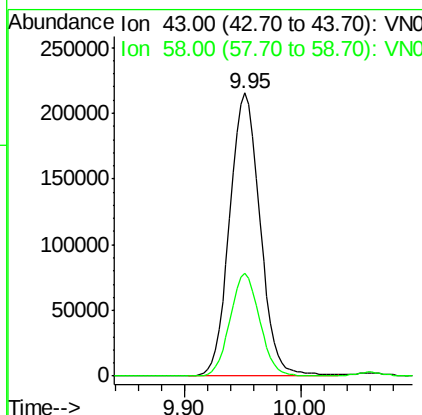
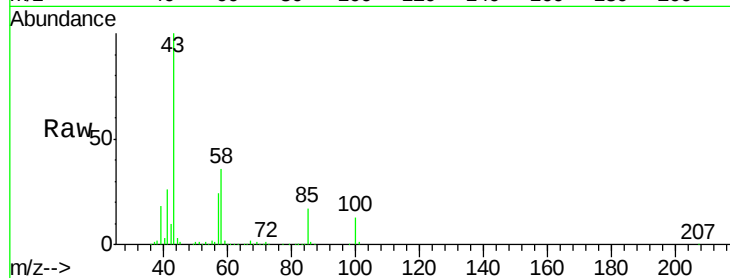
#51
 4-Methyl-2-Pentanone
 Concen: 94.132 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.4	29.0	43.6

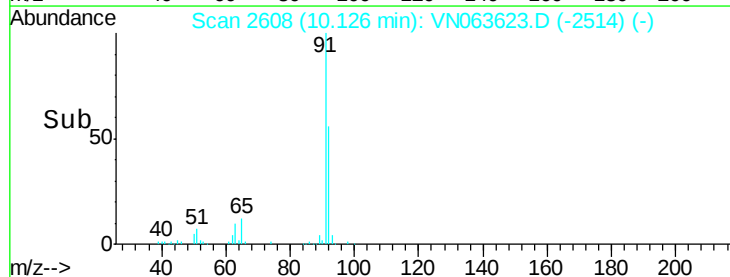
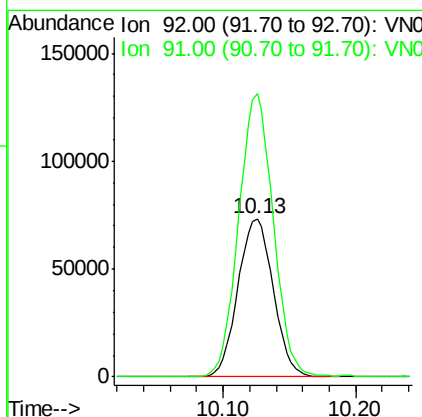
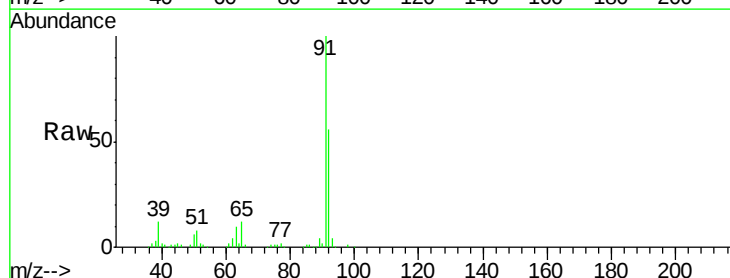
Manual Integrations
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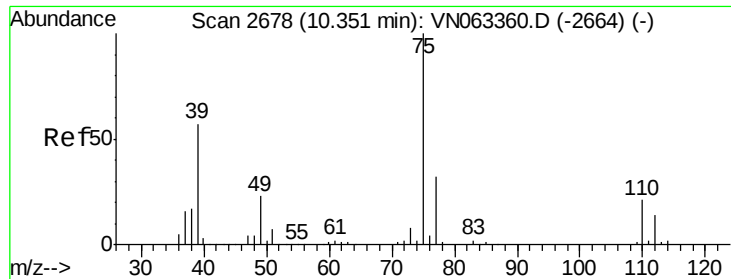
MMDadoda
 9/28/2020 5:16:07 PM



#52
 Toluene
 Concen: 18.703 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.5	139.7	209.5





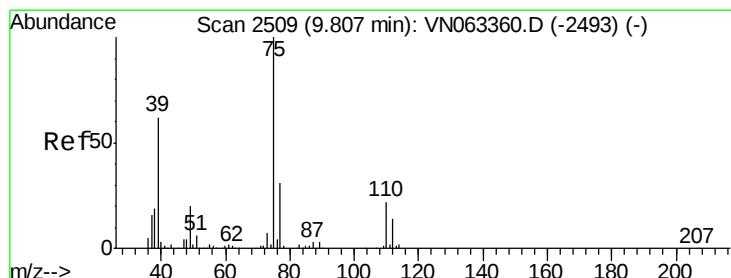
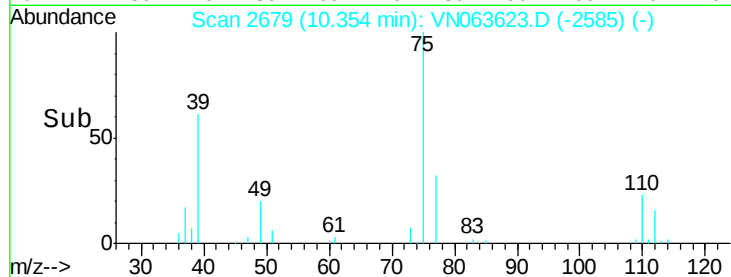
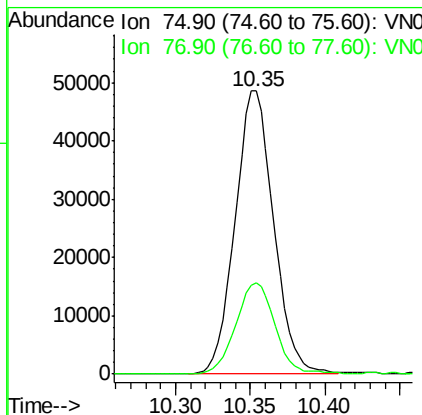
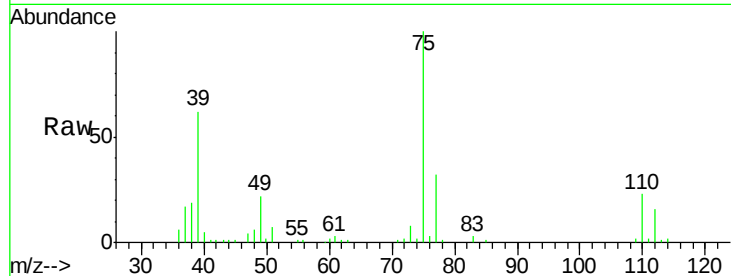
#53
t-1,3-Dichloropropene
Concen: 17.422 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion: 75 Resp: 87121
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

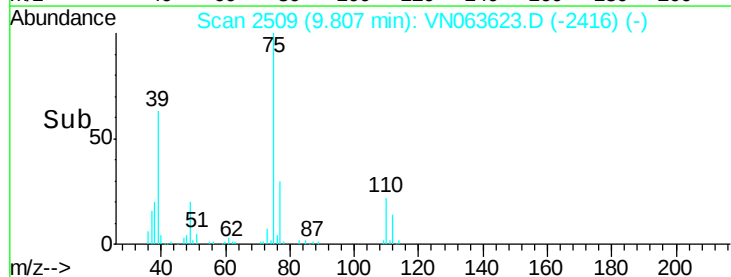
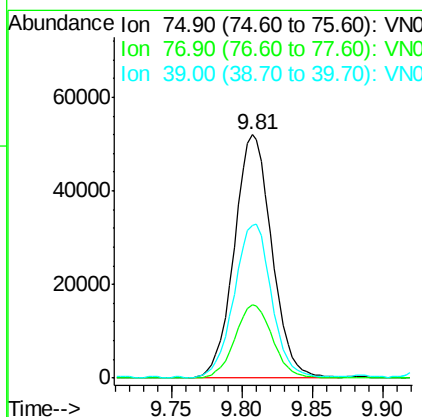
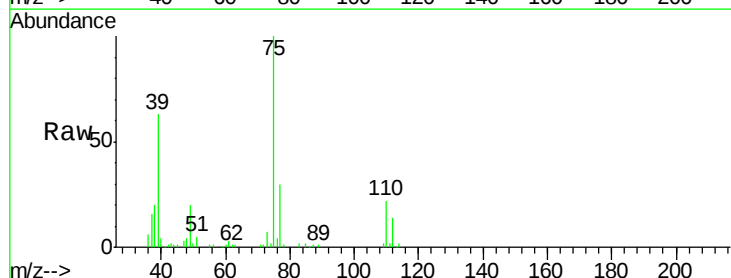
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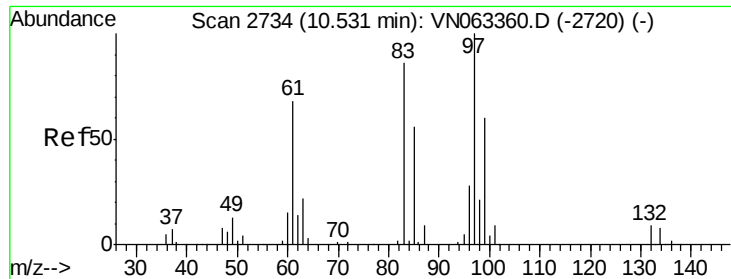
MMDadoda
9/28/2020 5:16:07 PM



#54
cis-1,3-Dichloropropene
Concen: 18.381 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion: 75 Resp: 96952
Ion Ratio Lower Upper
75 100
77 30.3 24.6 37.0
39 62.7 49.8 74.8





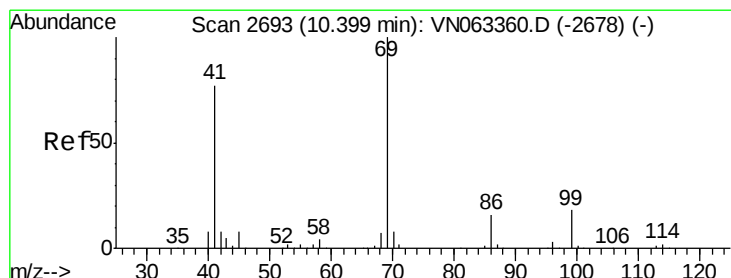
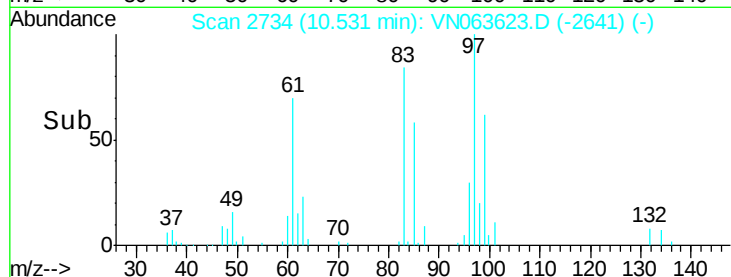
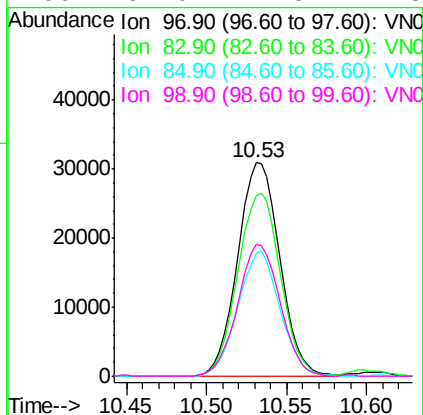
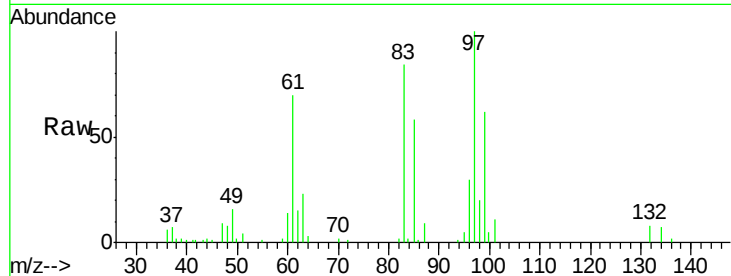
#55
 1,1,2-Trichloroethane
 Concen: 19.394 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion:	97	Resp:	55786
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.9	103.3
85	57.8	44.8	67.2
99	62.0	47.8	71.8

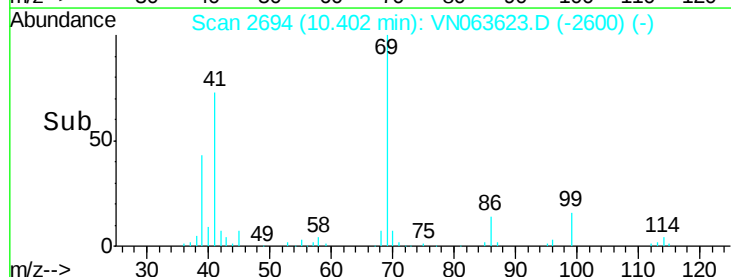
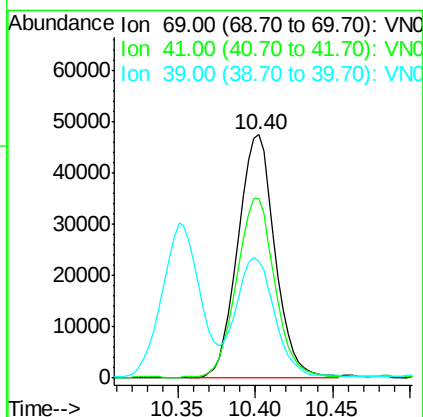
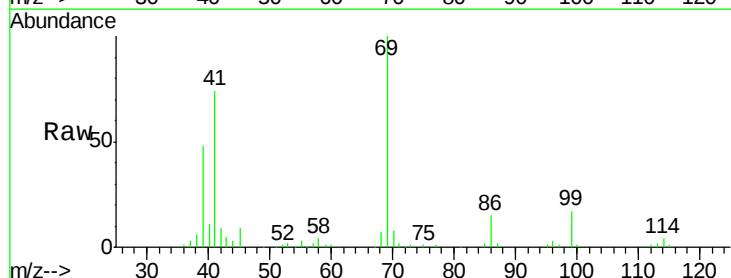
Manual Integrations
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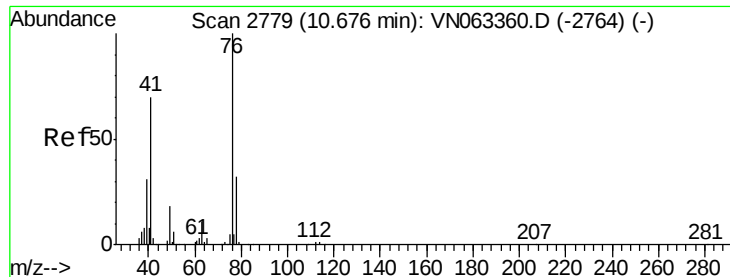
MMDadoda
 9/28/2020 5:16:07 PM



#56
 Ethyl methacrylate
 Concen: 17.745 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion:	69	Resp:	79683
Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.0	91.6
39	50.7	39.2	58.8





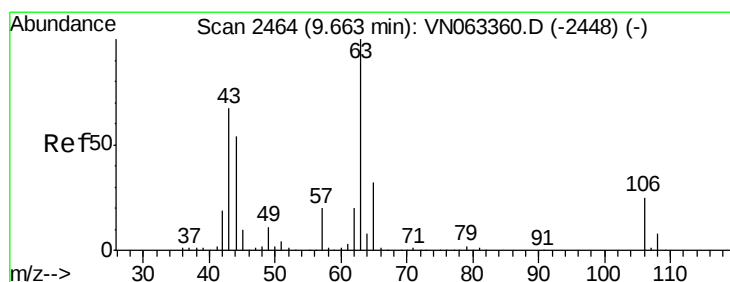
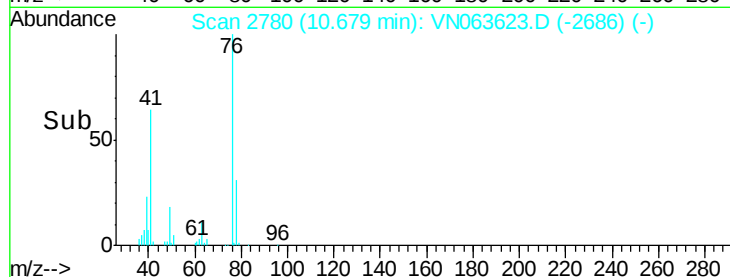
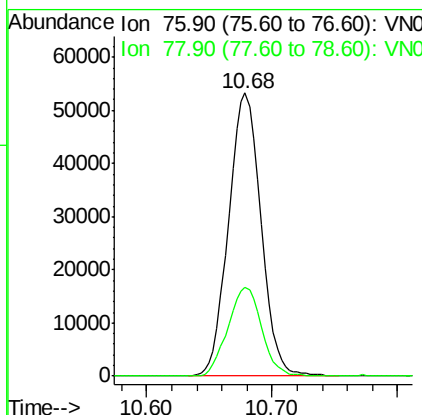
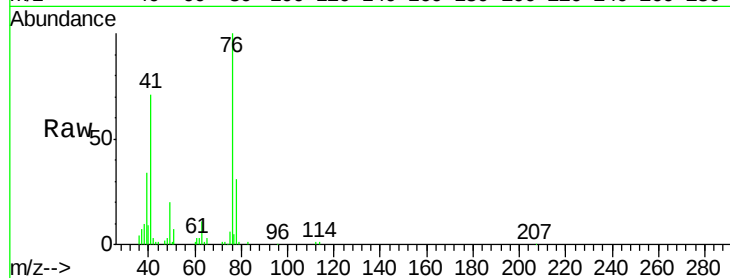
#57
 1,3-Dichloropropane
 Concen: 18.467 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion: 76 Resp: 95790
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

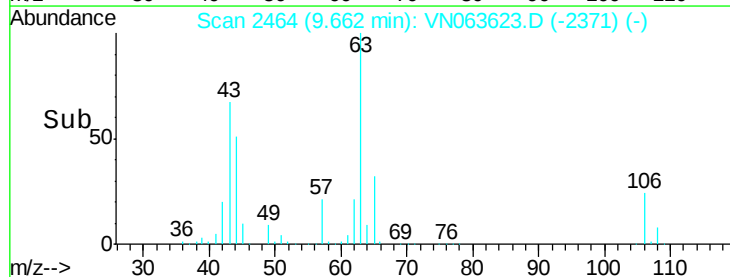
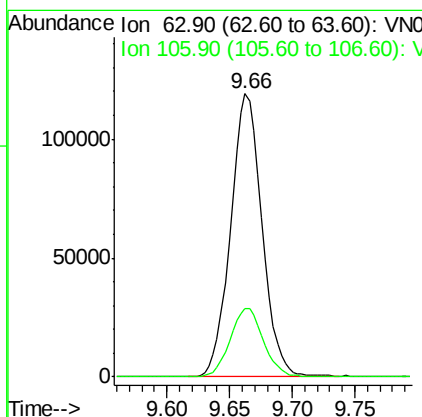
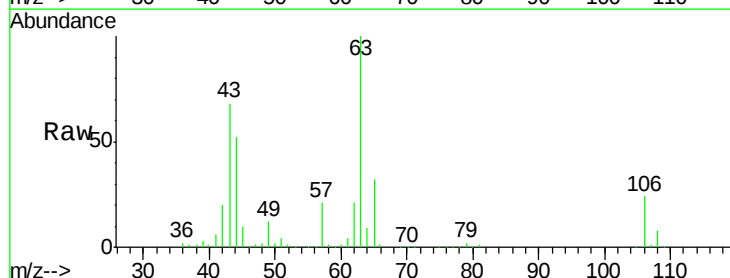
Manual Integrations
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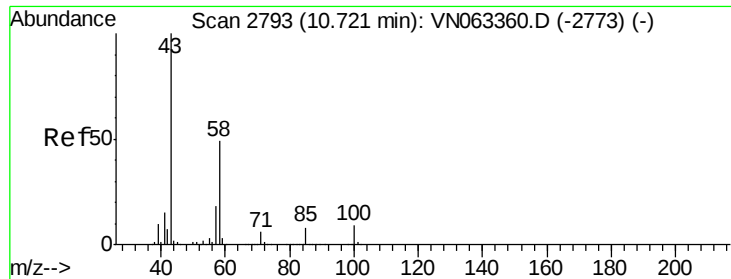
MMDadoda
 9/28/2020 5:16:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.977 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion: 63 Resp: 207239
 Ion Ratio Lower Upper
 63 100
 106 25.5 19.5 29.3





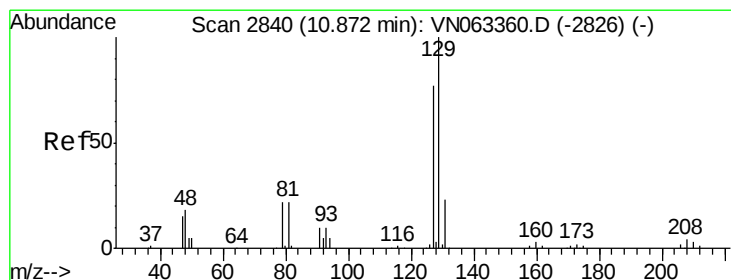
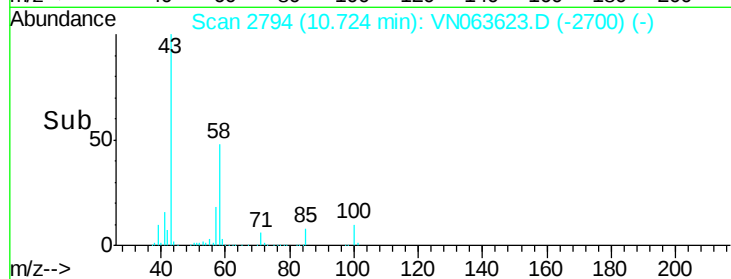
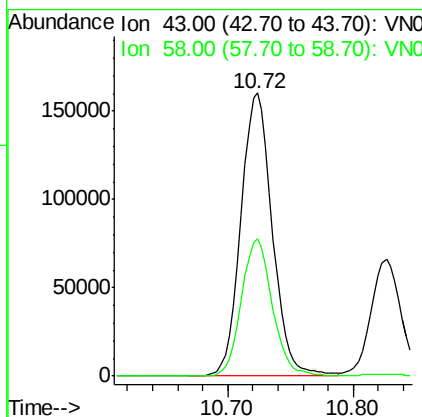
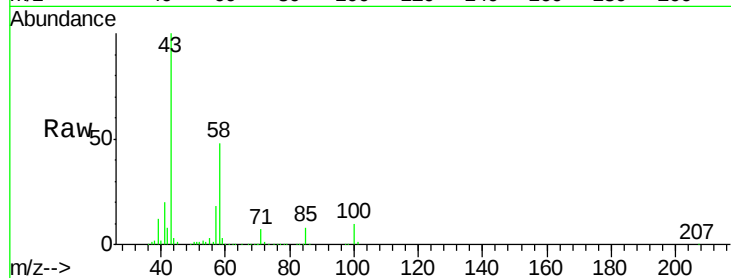
#59
2-Hexanone
Concen: 92.567 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampled :
VN0924WBSD01

Tot Ion: 43 Resp: 278003
Ion Ratio Lower Upper
43 100
58 48.1 24.7 74.1

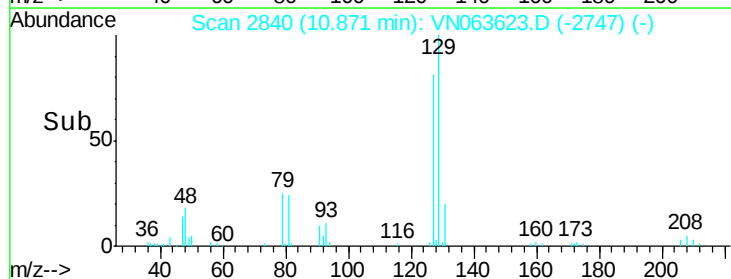
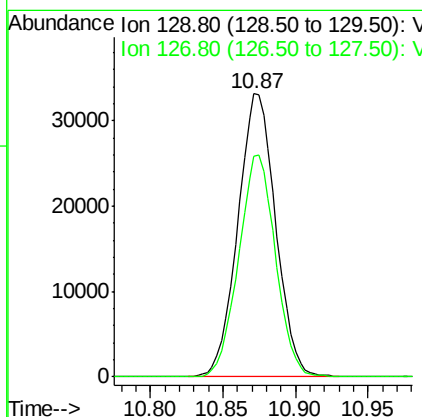
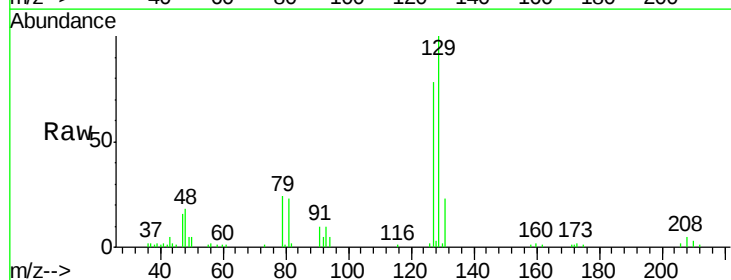
Manual Integrations
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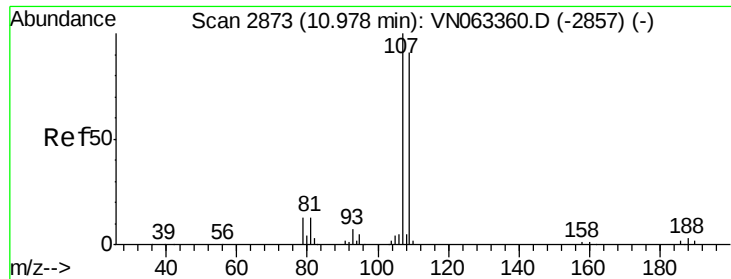
MMDadoda
9/28/2020 5:16:07 PM



#60
Dibromochloromethane
Concen: 18.488 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion: 129 Resp: 60078
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3





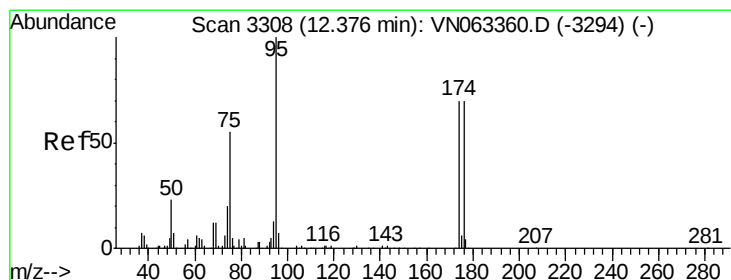
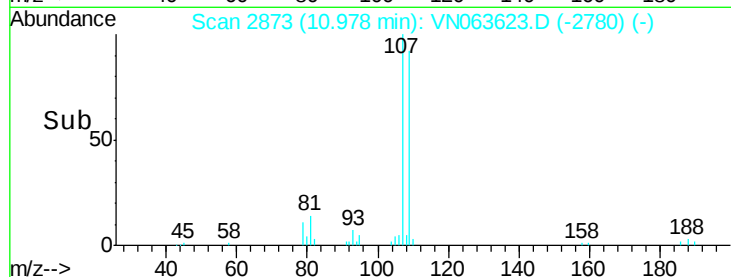
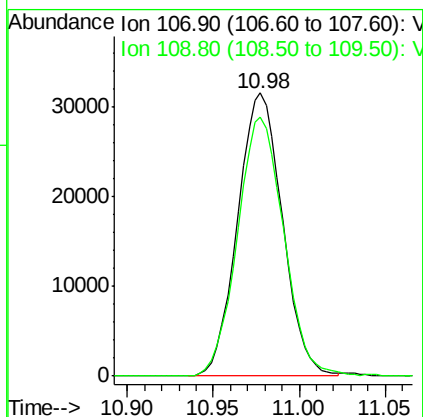
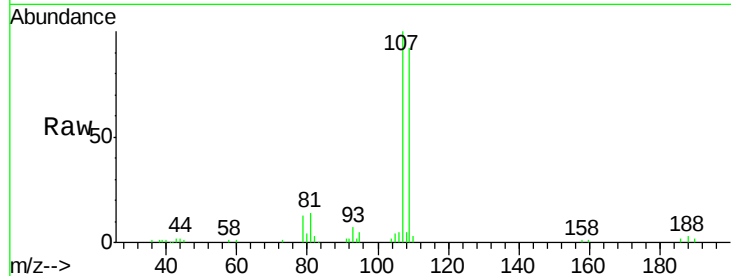
#61
 1,2-Dibromoethane
 Concen: 19.137 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.6	111.8

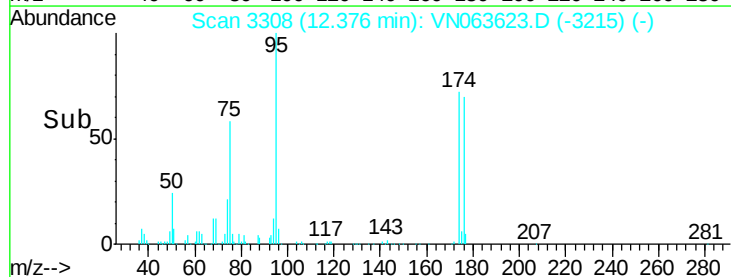
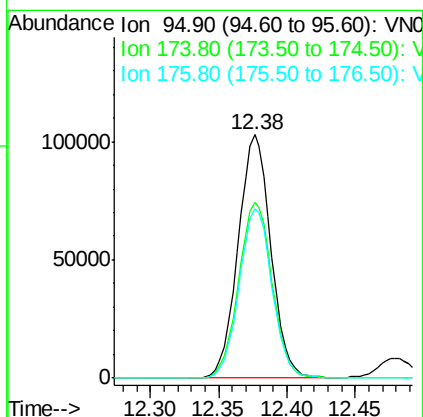
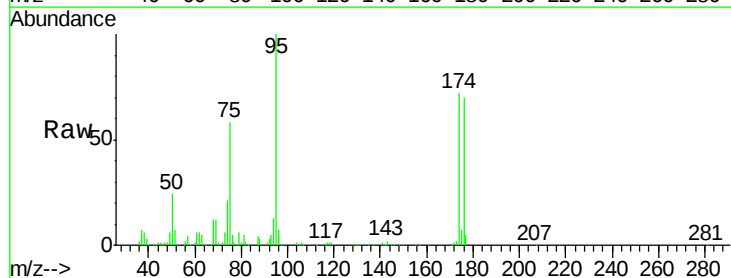
Manual Integrations
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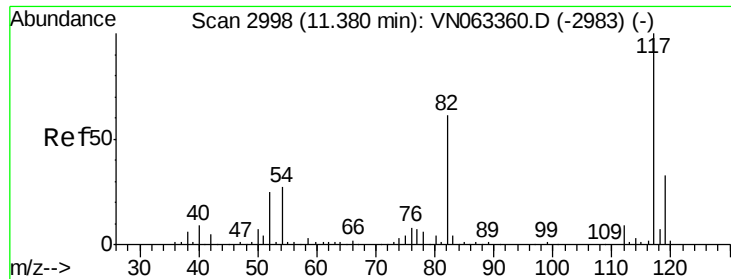
MMDadoda
 9/28/2020 5:16:07 PM



#62
 4-Bromofluorobenzene
 Concen: 45.308 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	140.8
176	70.1	0.0	137.6





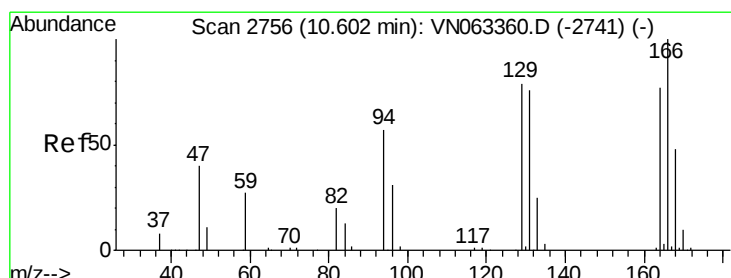
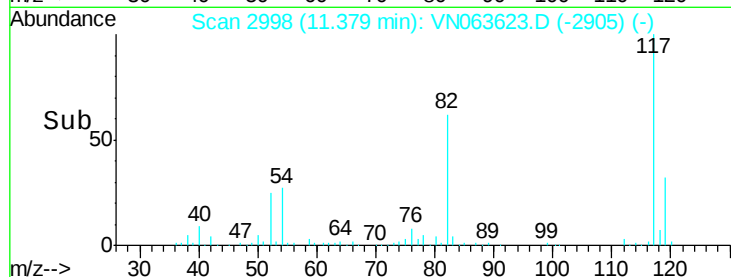
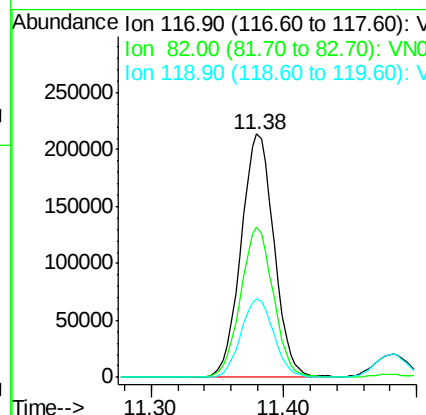
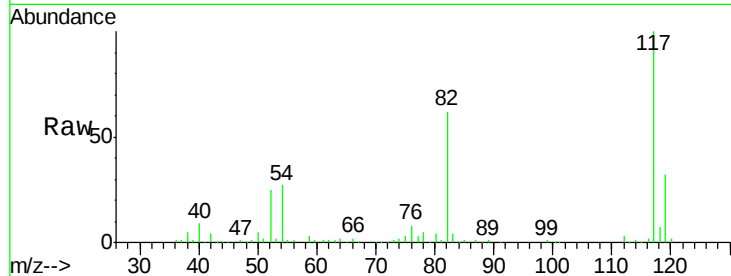
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	49.2	73.8
119	32.1	26.2	39.4

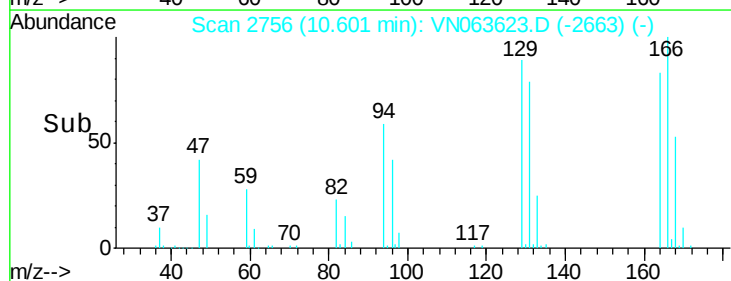
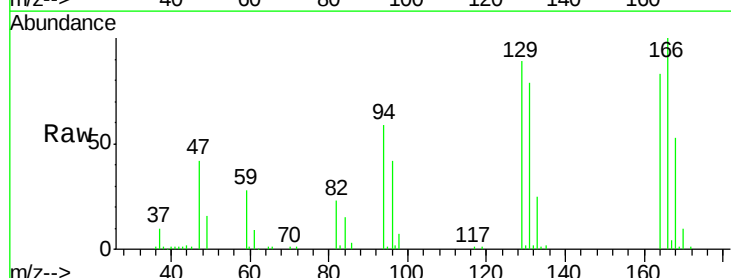
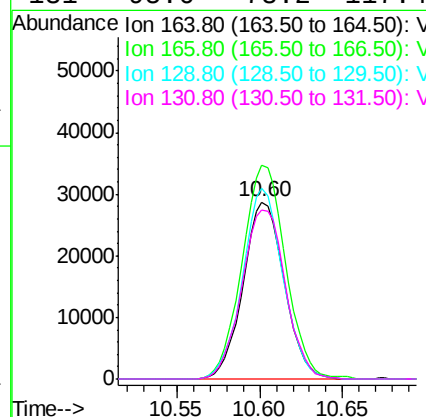
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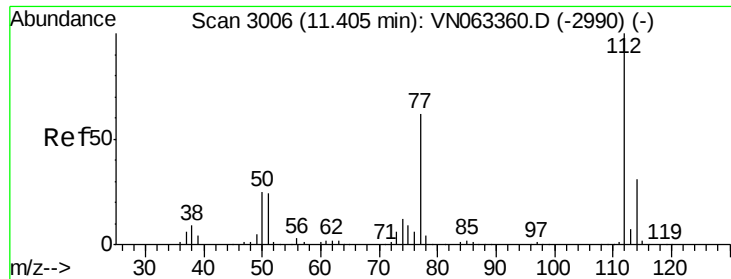
MMDadoda
9/28/2020 5:16:07 PM



#64
Tetrachloroethene
Concen: 19.660 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.8	103.4	155.0
129	107.9	81.8	122.6
131	95.6	78.2	117.4





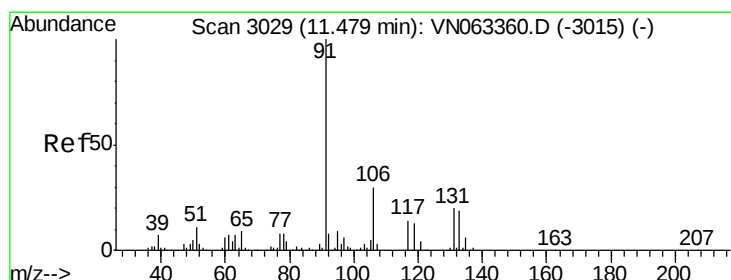
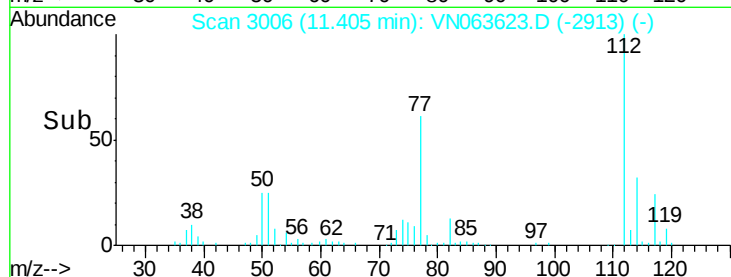
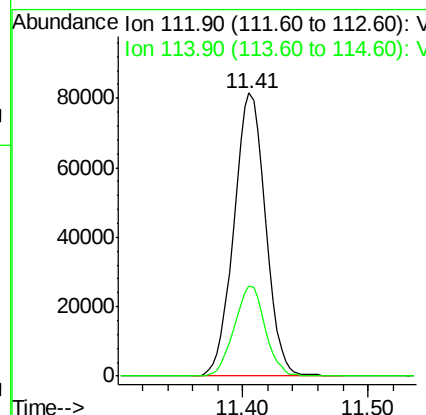
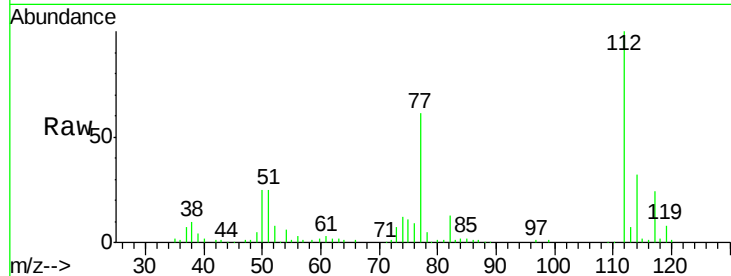
#65
Chlorobenzene
Concen: 18.192 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion:112 Resp: 142648
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6

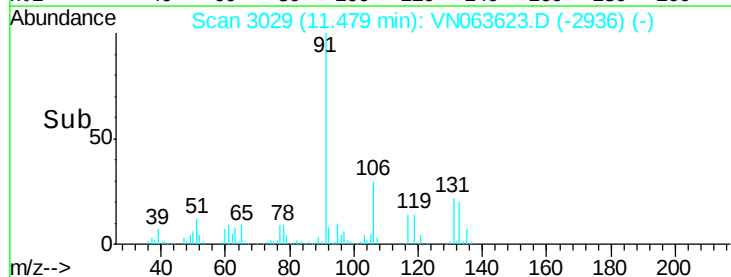
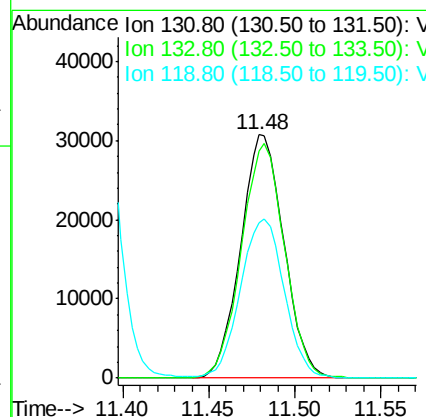
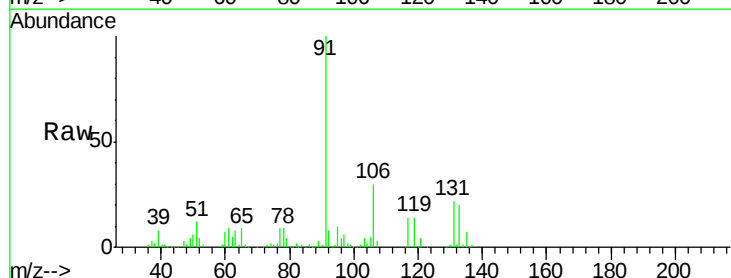
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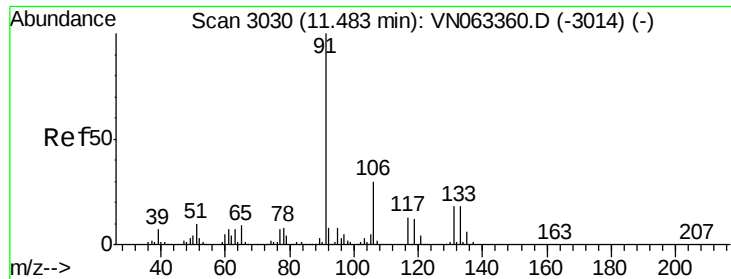
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.690 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion:131 Resp: 53721
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.9
119 66.4 33.6 100.8





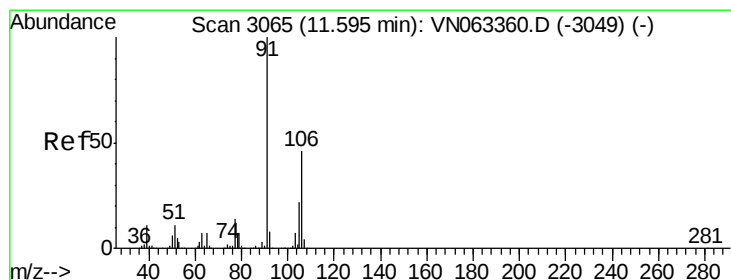
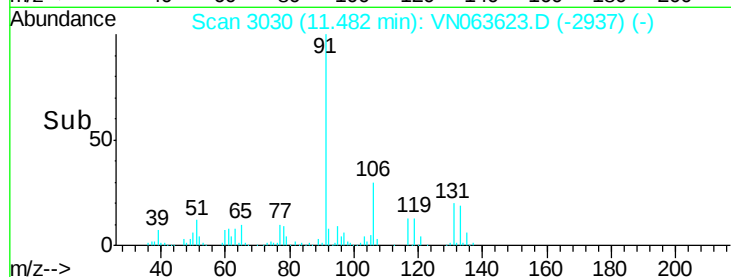
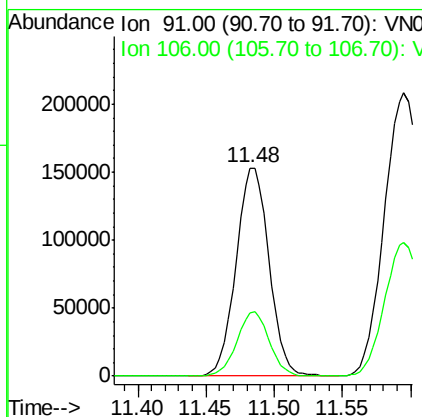
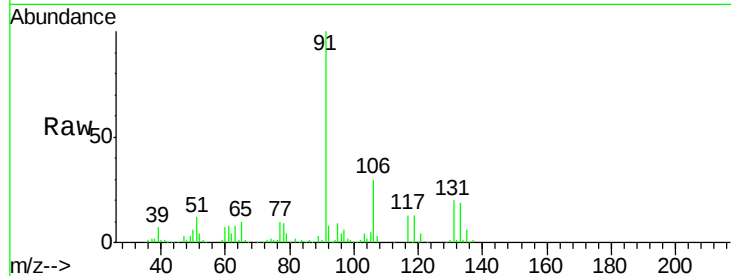
#67
Ethyl Benzene
Concen: 17.434 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion: 91 Resp: 257443
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

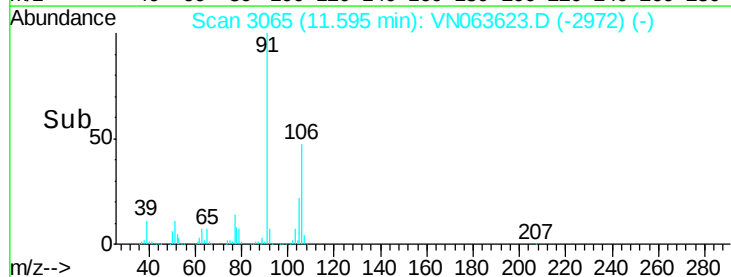
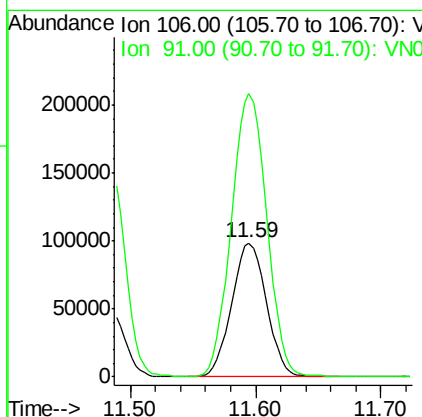
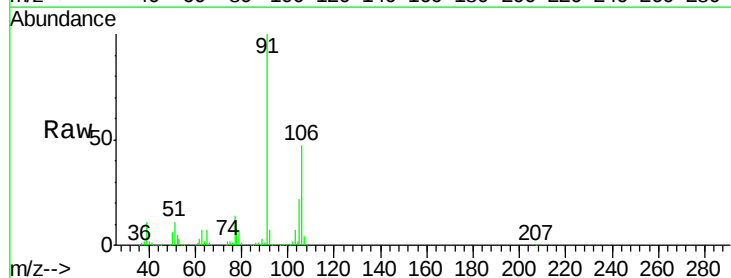
Manual Integrations
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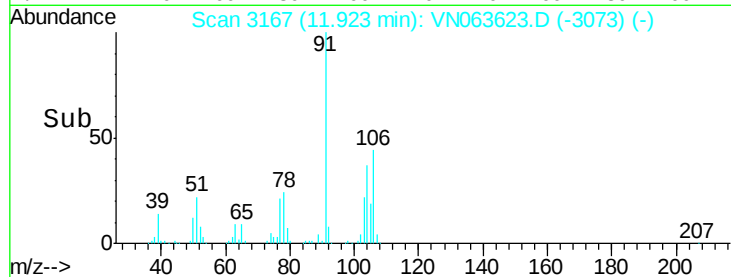
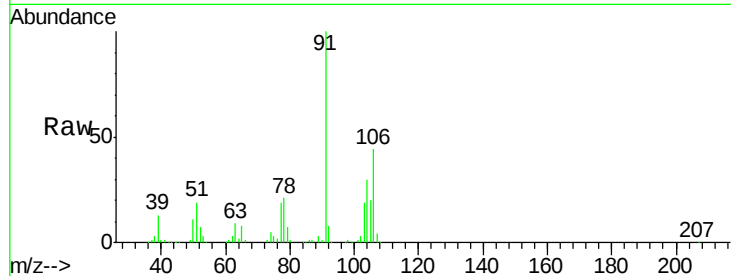
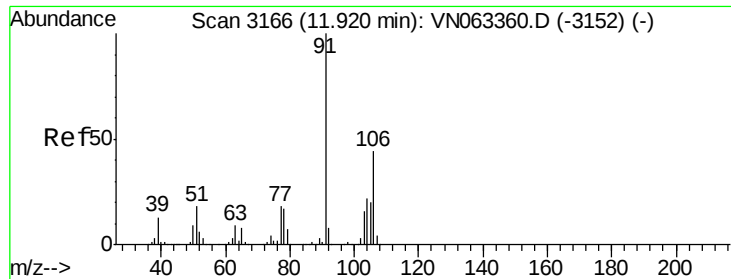
MMDadoda
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#68
m/p-Xylenes
Concen: 35.462 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion: 106 Resp: 188807
Ion Ratio Lower Upper
106 100
91 216.4 171.2 256.8





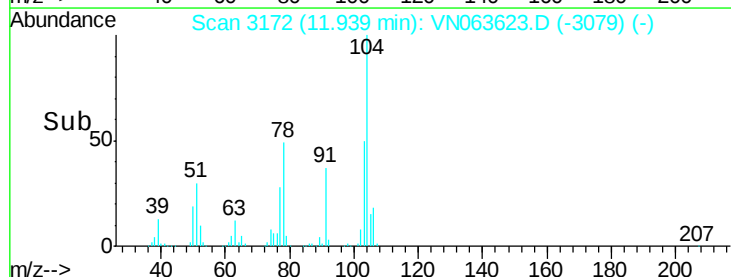
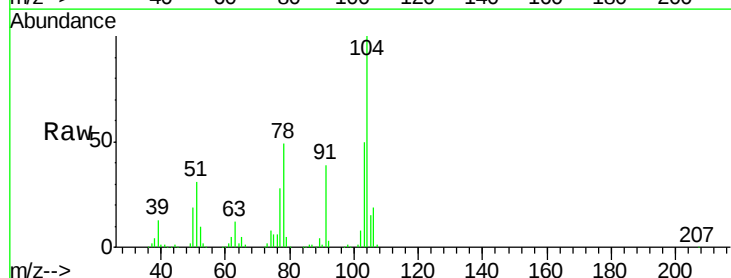
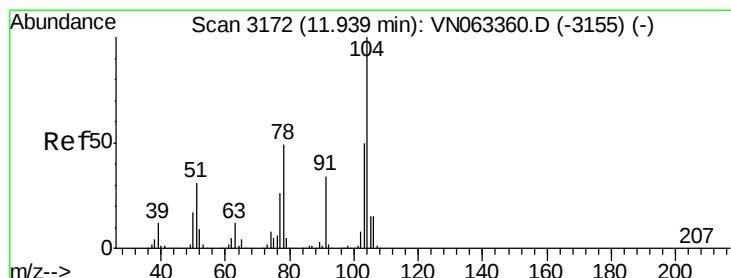
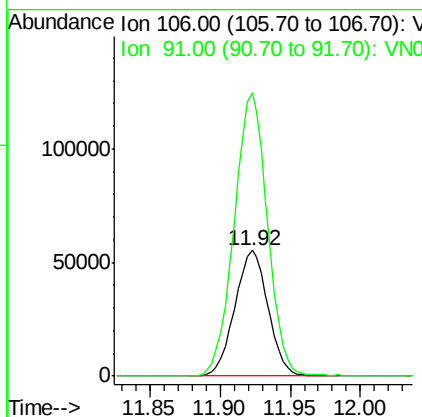
#69
o-Xylene
Concen: 18.040 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tot Ion:106 Resp: 91494
Ion Ratio Lower Upper
106 100
91 225.6 113.6 340.8

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

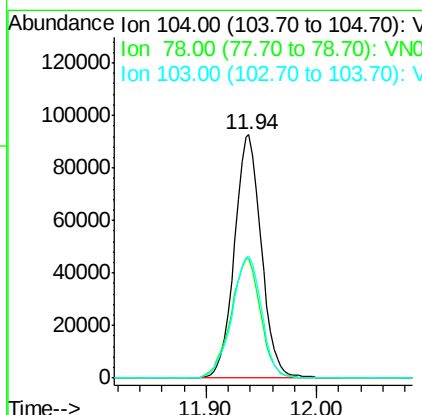
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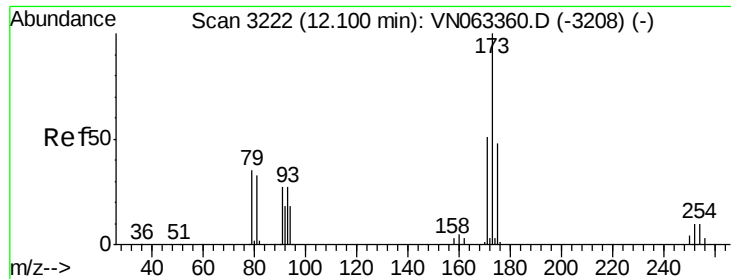
MMDadoda
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#70
Styrene
Concen: 18.420 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion:104 Resp: 156665
Ion Ratio Lower Upper
104 100
78 54.4 44.4 66.6
103 55.1 43.7 65.5





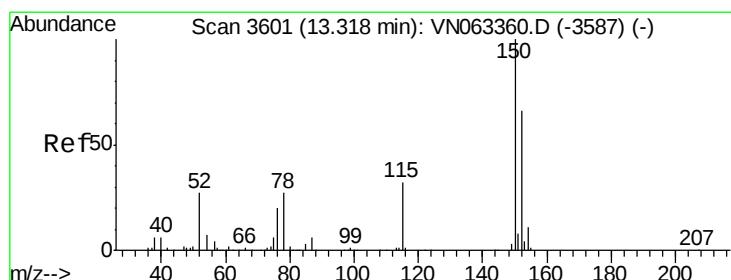
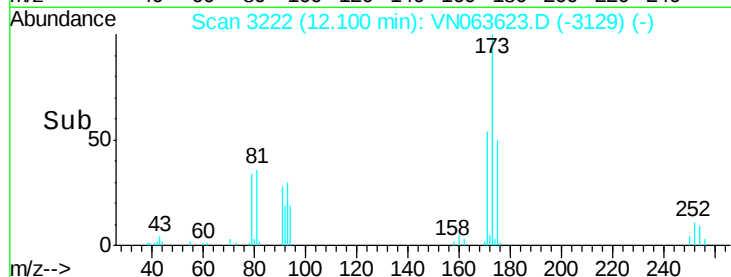
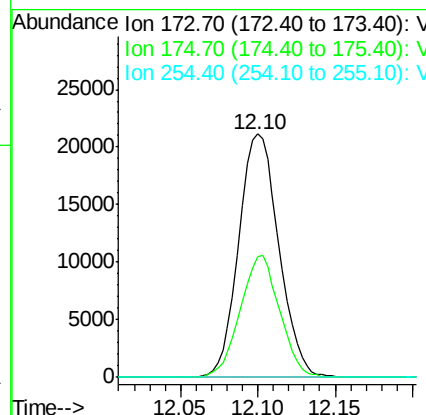
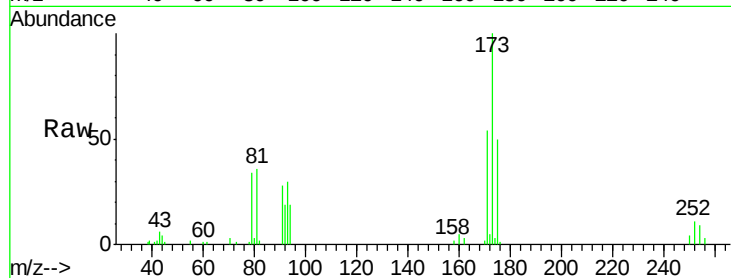
#71
Bromoform
Concen: 17.780 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	49.1	24.0	72.0	
254	0.0	0.0	0.0	

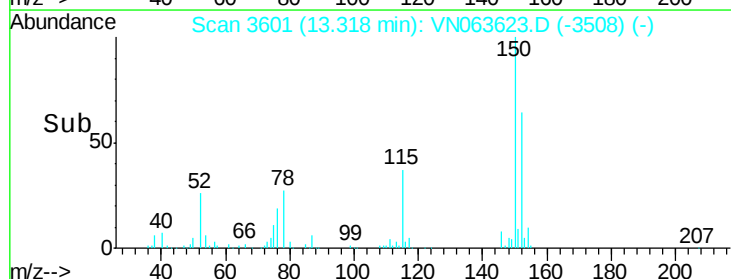
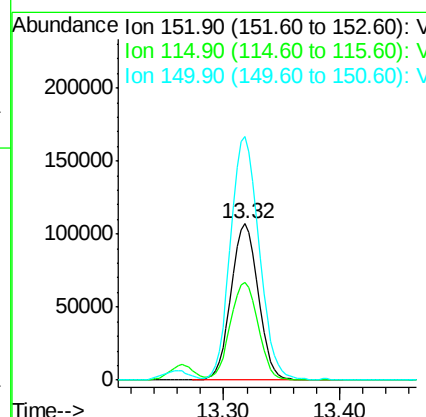
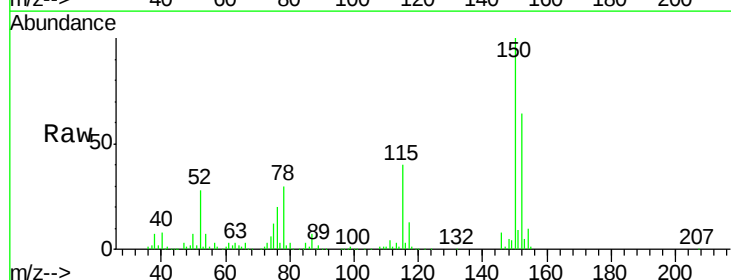
Manual Integrations
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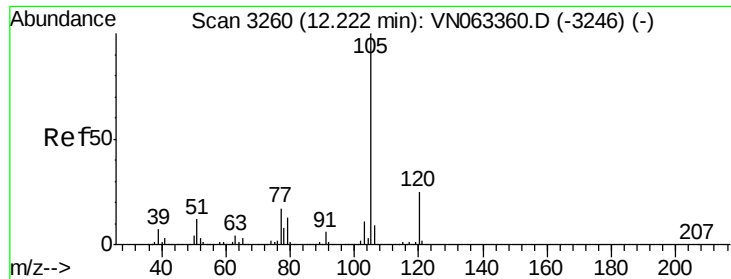
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	64.4	32.2	96.6	
150	162.6	0.0	343.4	





#73

Isopropylbenzene

Concen: 17.605 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion: 105 Resp: 244862

Ion Ratio Lower Upper

105 100

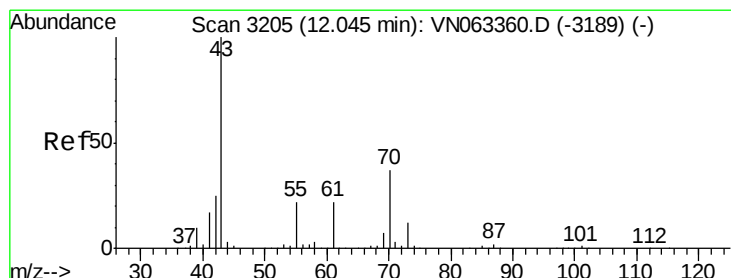
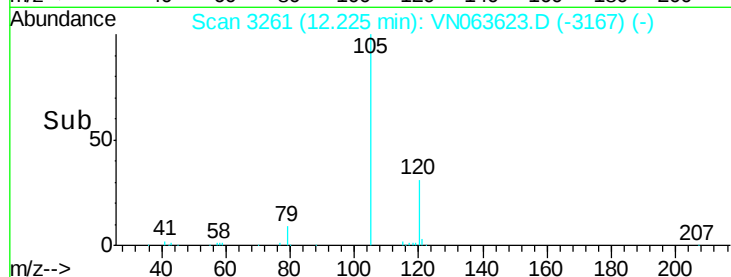
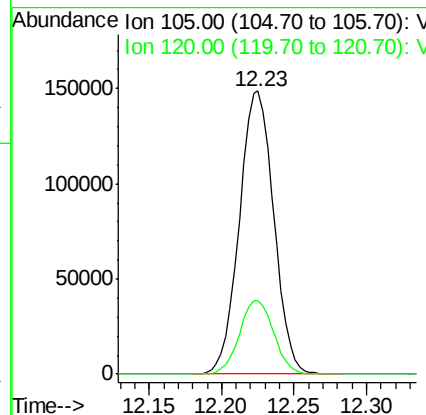
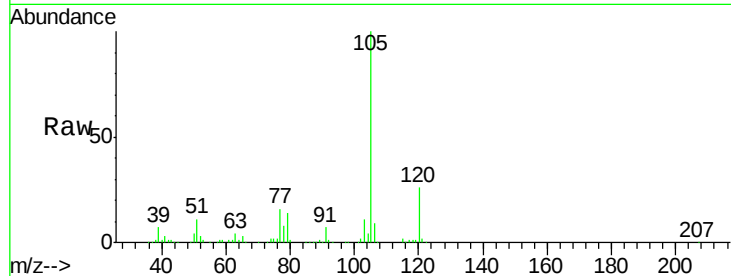
120 26.0 12.7 38.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 16.998 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion: 43 Resp: 111909

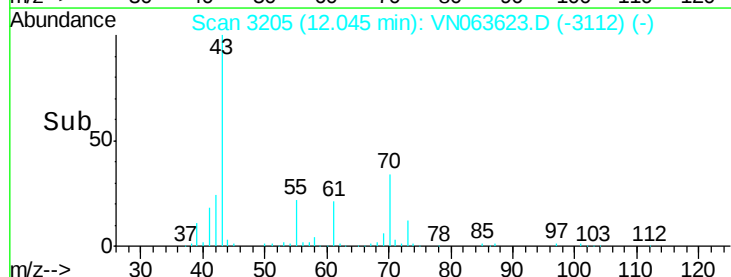
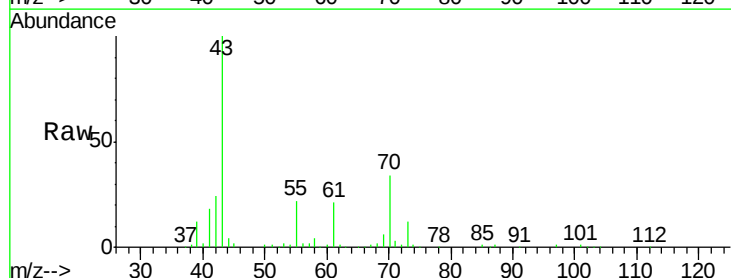
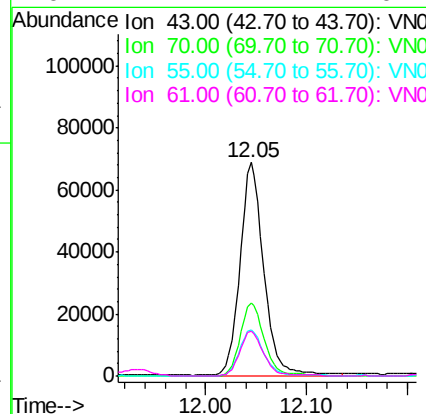
Ion Ratio Lower Upper

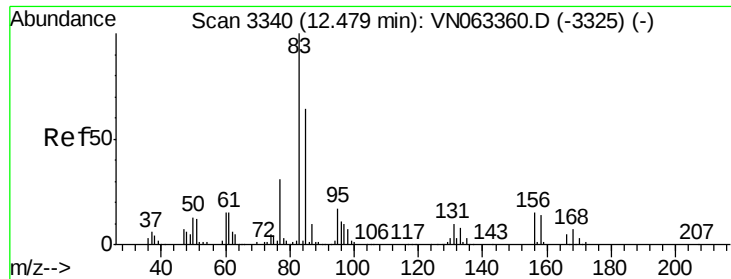
43 100

70 34.0 29.6 44.4

55 21.7 17.7 26.5

61 21.4 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.531 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

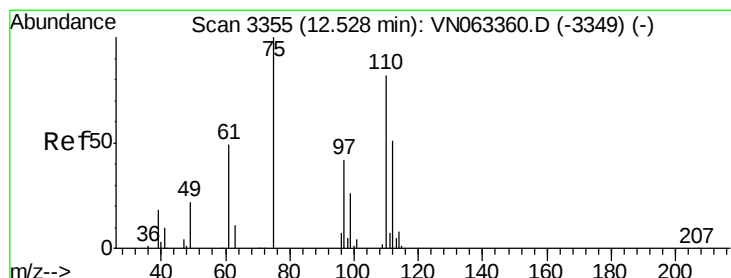
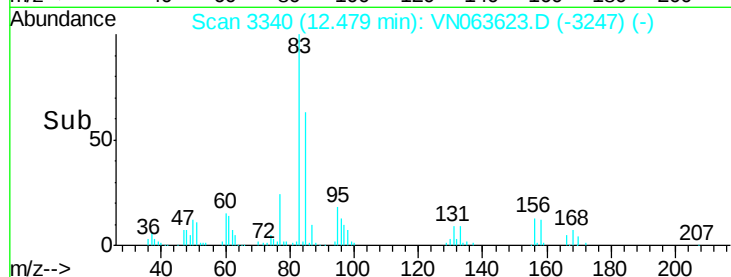
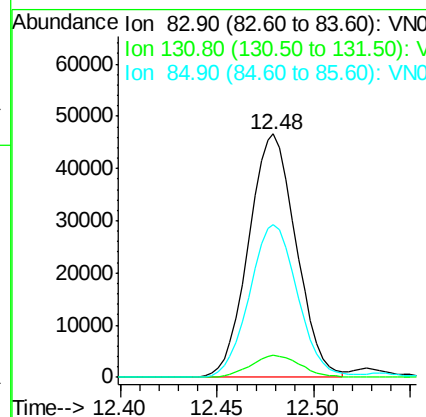
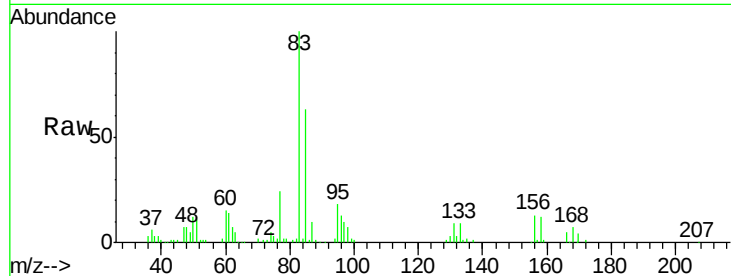
ClientSampleId :

VN0924WBSD01

Tot Ion:	83	Resp:	79805
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.9	14.7
85	63.6	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.737 ug/l m

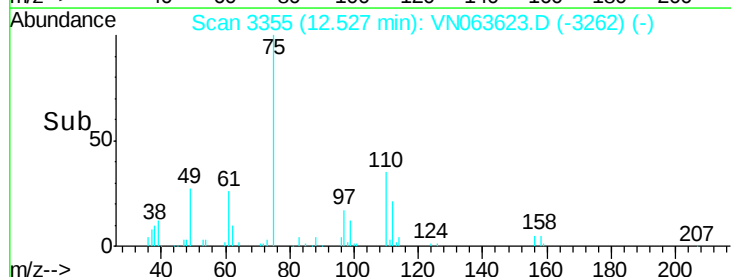
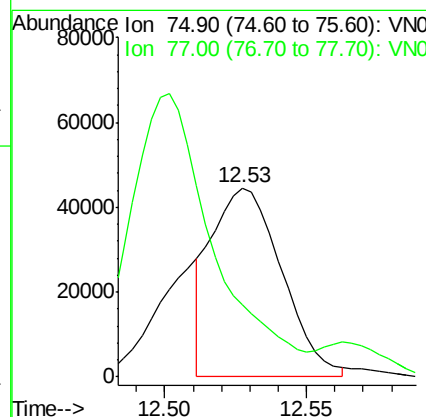
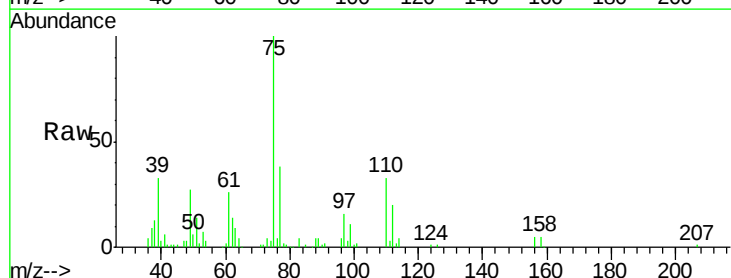
RT: 12.53 min Scan# 3355

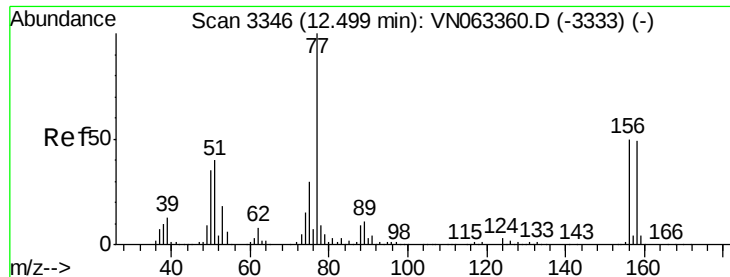
Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion:	75	Resp:	76197
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.860 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion:156 Resp: 59007

Ion Ratio Lower Upper

156 100

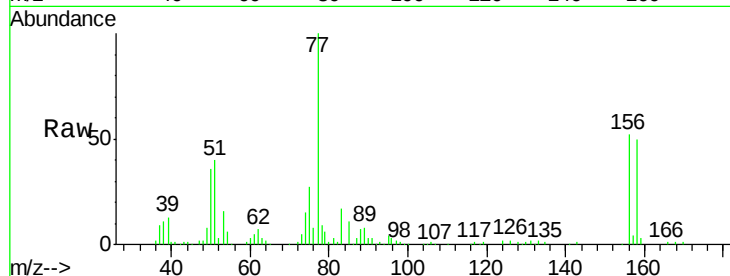
77 233.4 120.2 360.6

158 96.8 48.9 146.6

Manual Integrations
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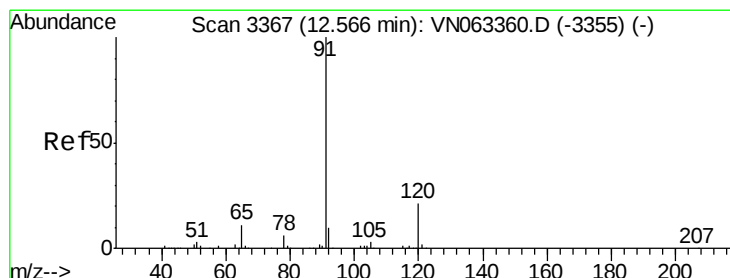
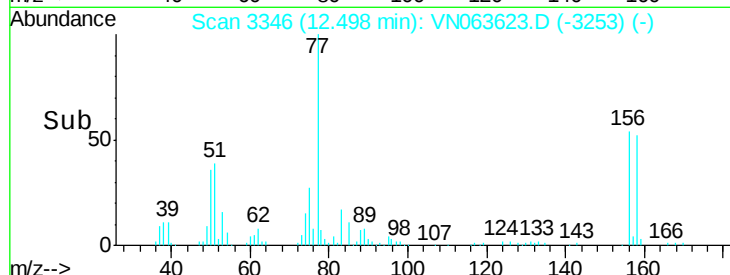
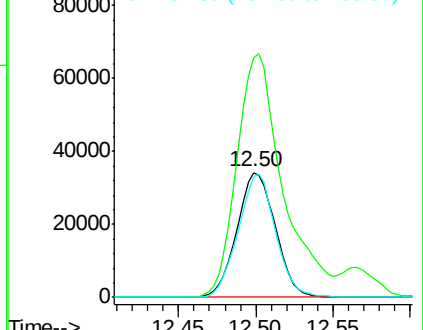
9/28/2020 5:16:07 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.689 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063623.D

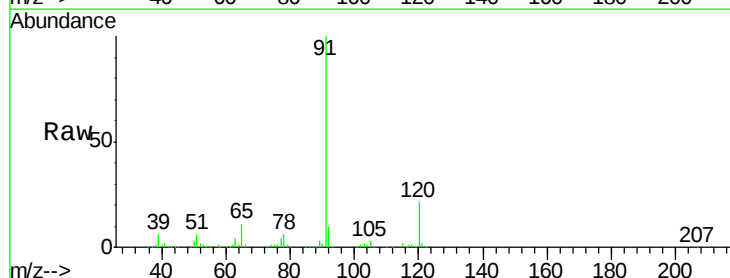
Acq: 24 Sep 2020 13:05

Tgt Ion: 91 Resp: 286555

Ion Ratio Lower Upper

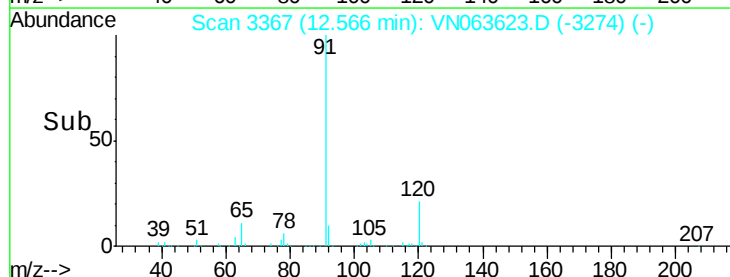
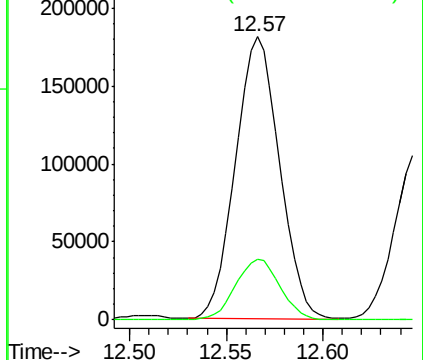
91 100

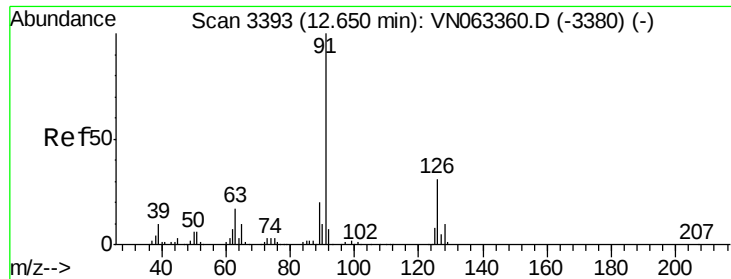
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.849 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampled :

VN0924WBSD01

Tot Ion: 91 Resp: 173323

Ion Ratio Lower Upper

91 100

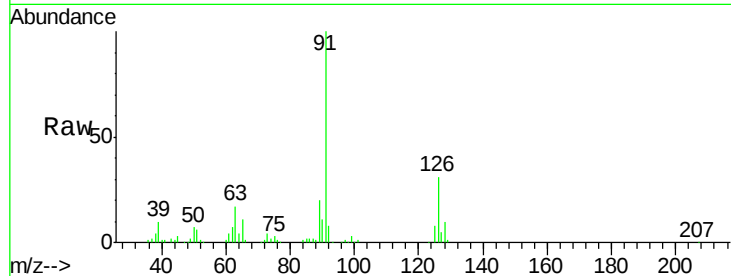
126 31.4 15.8 47.3

Manual Integrations

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

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)

200000

150000

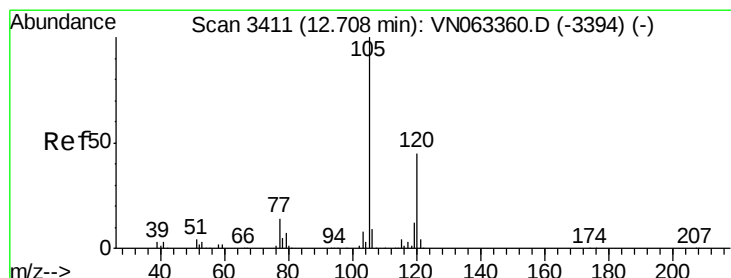
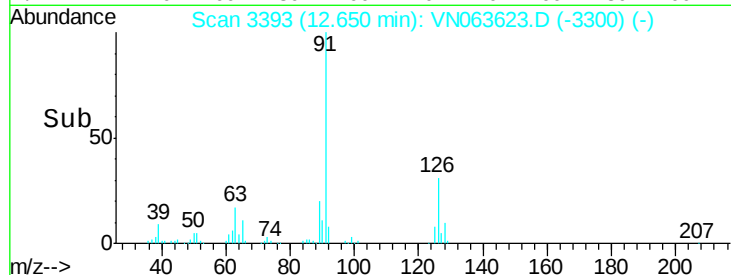
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.167 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063623.D

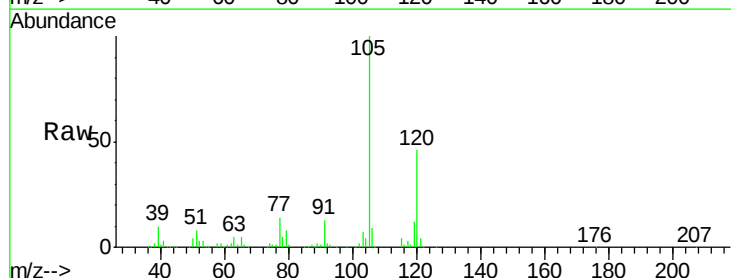
Acq: 24 Sep 2020 13:05

Tgt Ion: 105 Resp: 210695

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.8



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

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

150000

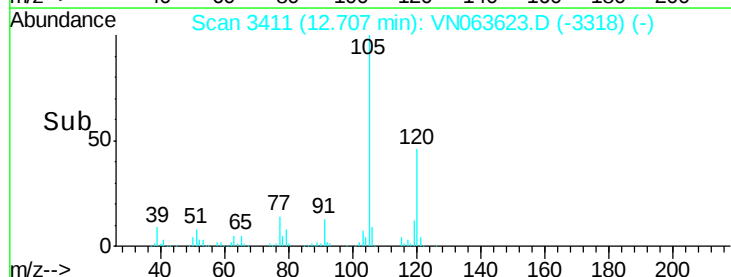
100000

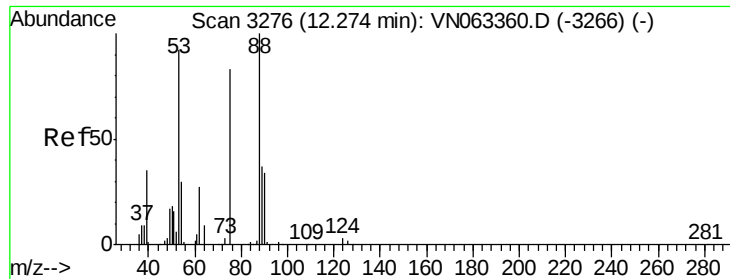
50000

0

12.65 12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 15.958 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion: 75 Resp: 25005

Ion Ratio Lower Upper

75 100

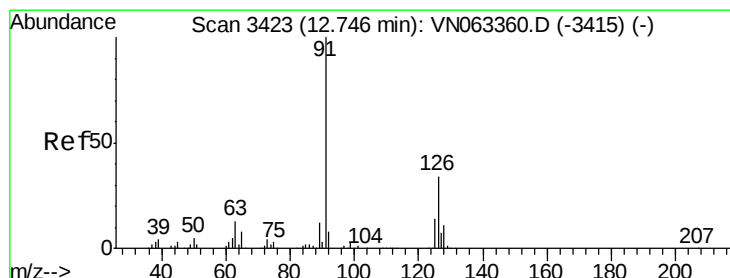
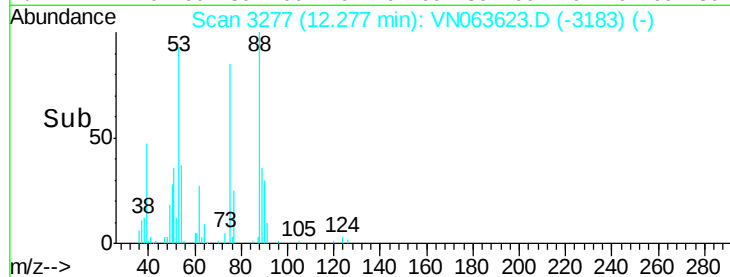
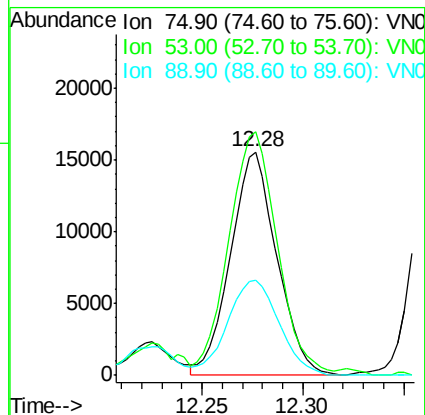
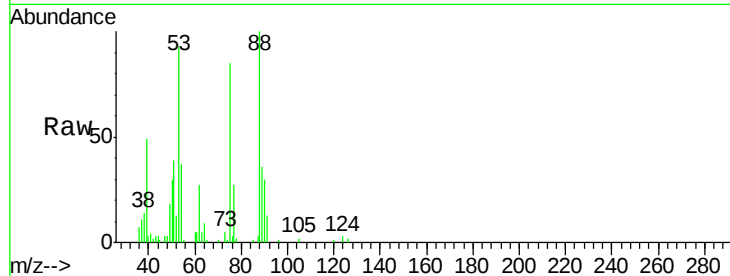
53 110.6 85.7 128.5

89 47.5 38.0 57.0

Manual Integrations
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9/28/2020 5:16:07 PM



#82

4-Chlorotoluene

Concen: 18.010 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063623.D

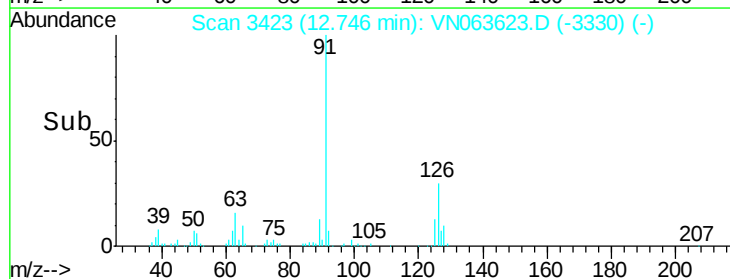
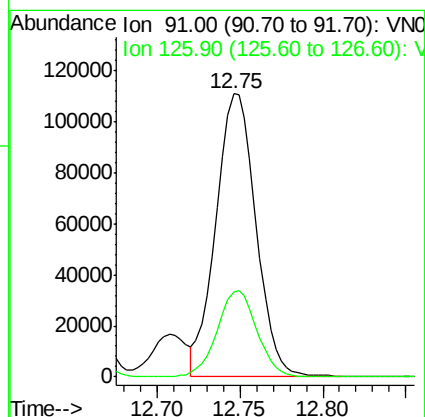
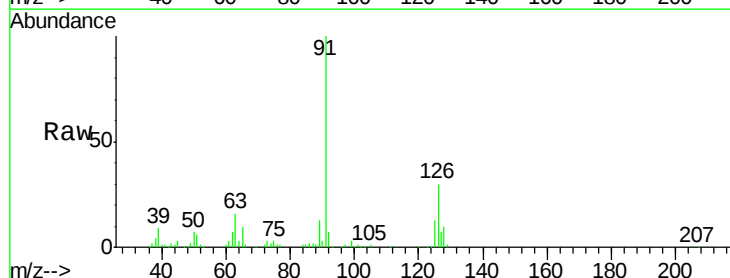
Acq: 24 Sep 2020 13:05

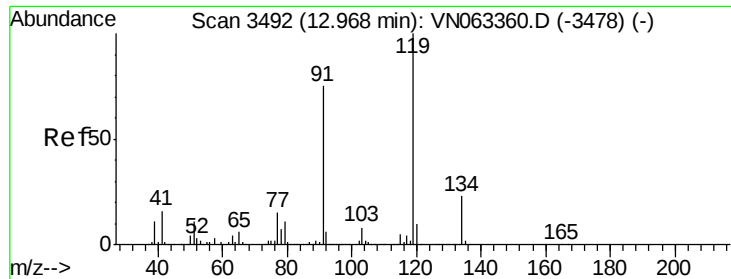
Tgt Ion: 91 Resp: 184782

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5





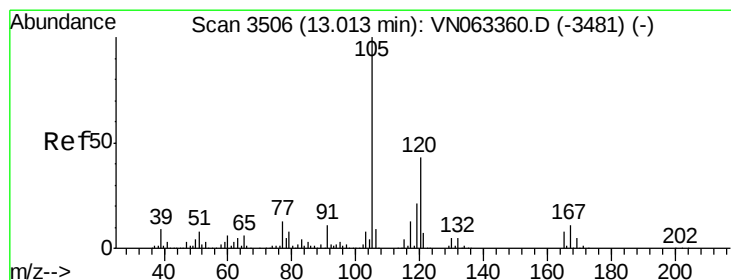
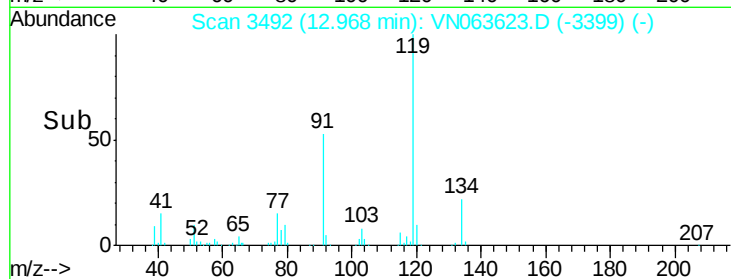
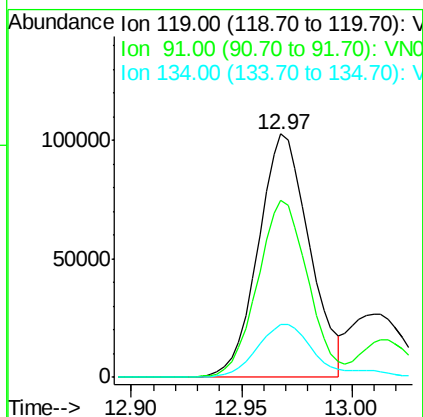
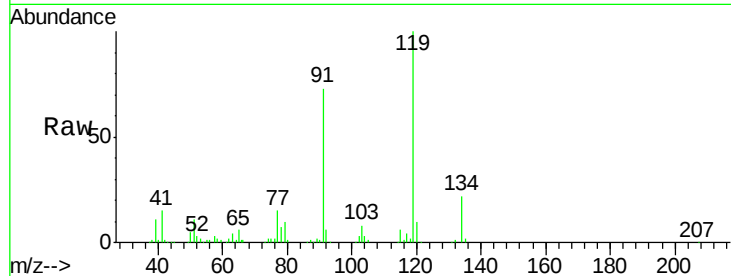
#83
 tert-Butylbenzene
 Concen: 17.286 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	165467		
91	71.8	36.3	108.9	
134	25.3	12.3	36.8	

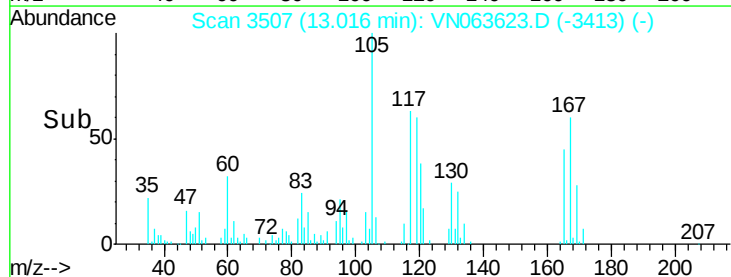
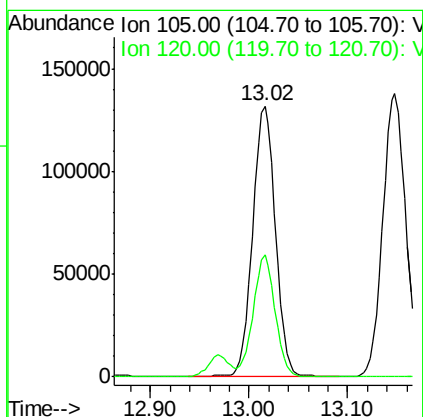
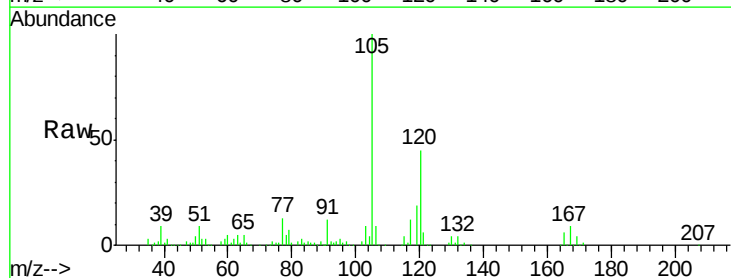
Manual Integrations
 APPROVED

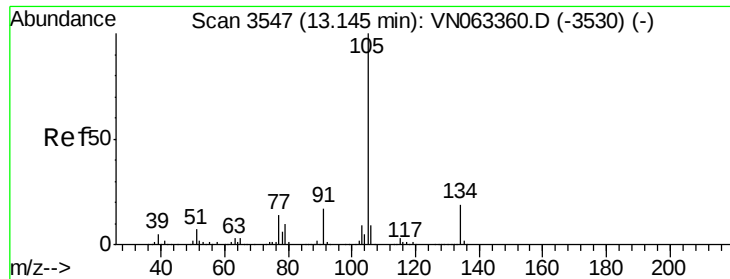
MMDadoda
 9/28/2020 5:16:07 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 17.916 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209884		
120	43.2	21.3	63.9	





#85

sec-Butylbenzene

Concen: 17.404 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

Tot Ion:105 Resp: 223003

Ion Ratio Lower Upper

105 100

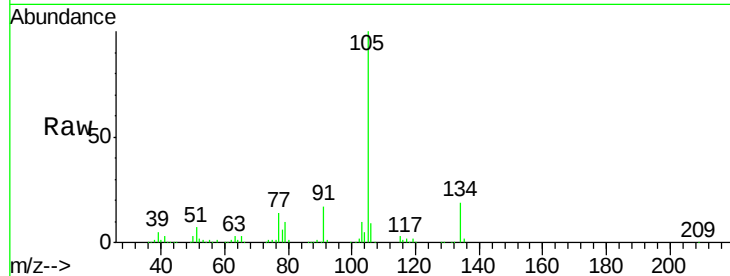
134 18.3 9.3 27.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

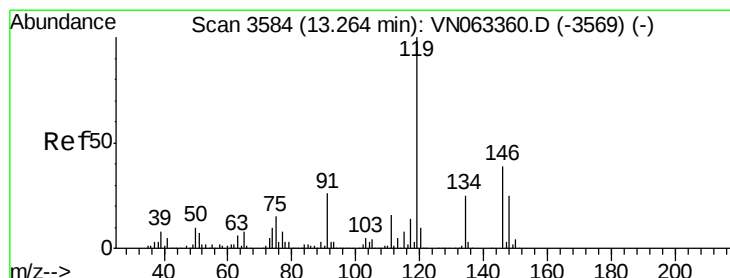
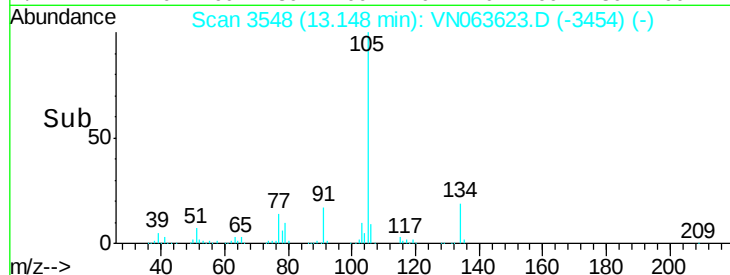
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.379 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

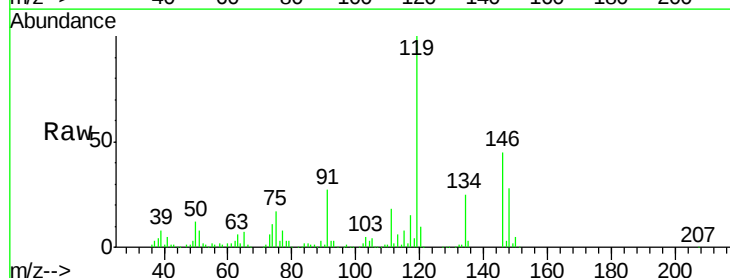
Tgt Ion:119 Resp: 196400

Ion Ratio Lower Upper

119 100

134 24.5 12.5 37.5

91 27.0 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

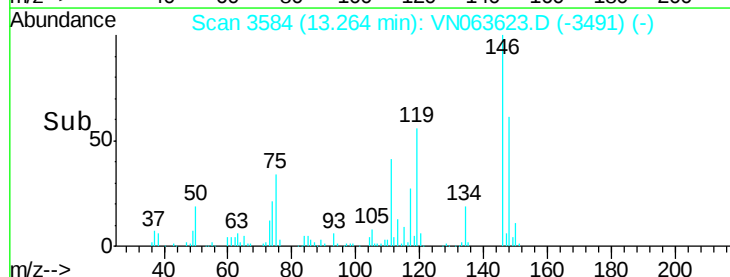
150000

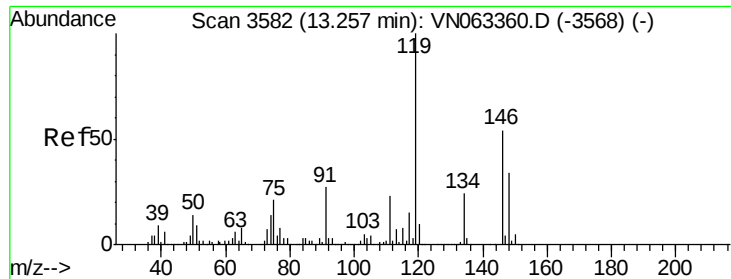
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.301 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Instrument :

MSVOA_N

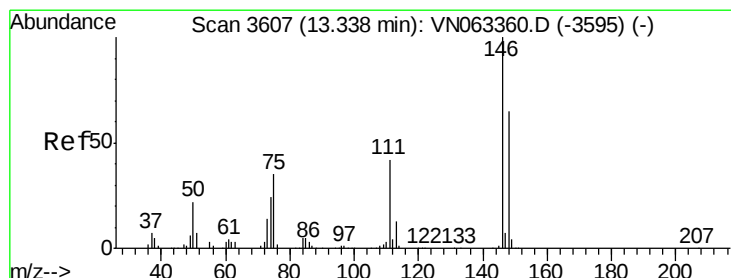
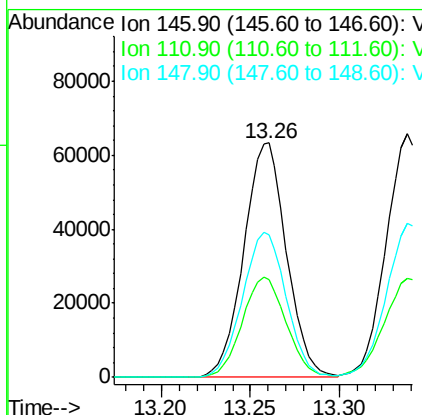
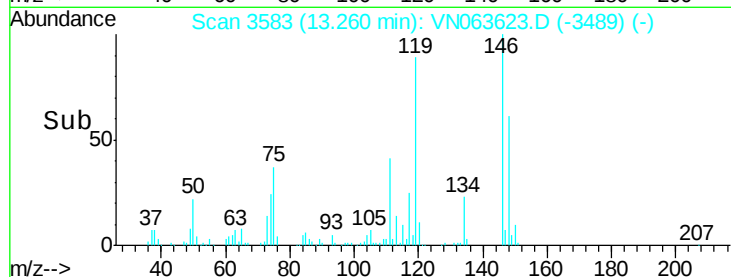
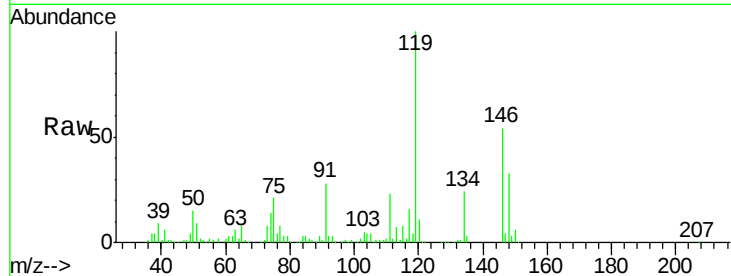
ClientSampleId :

VN0924WBSD01

Tot Ion:	146	Resp:	106126
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.4	64.3
148	63.4	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.265 ug/l

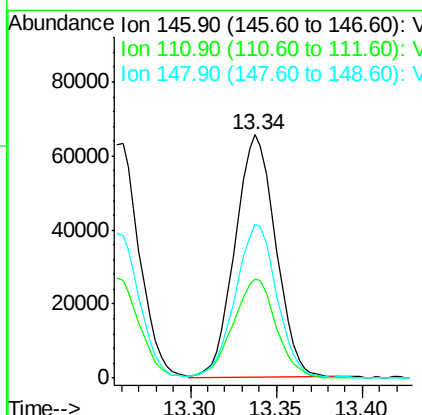
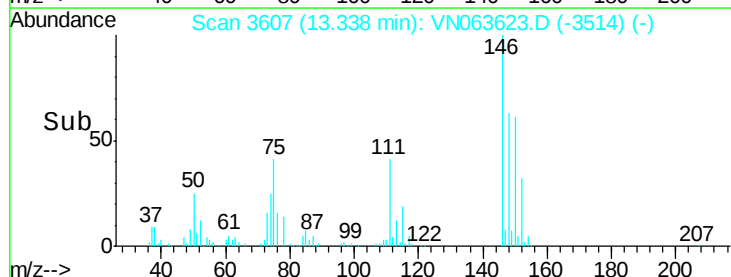
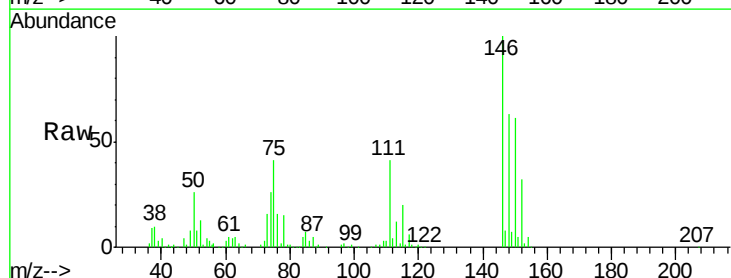
RT: 13.34 min Scan# 3607

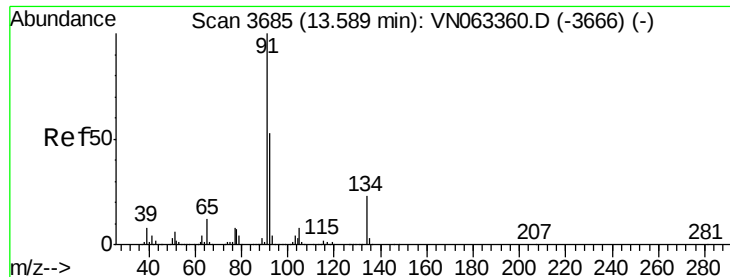
Delta R.T. -0.00 min

Lab File: VN063623.D

Acq: 24 Sep 2020 13:05

Tgt Ion:	146	Resp:	107685
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.2	63.6
148	64.2	31.9	95.9





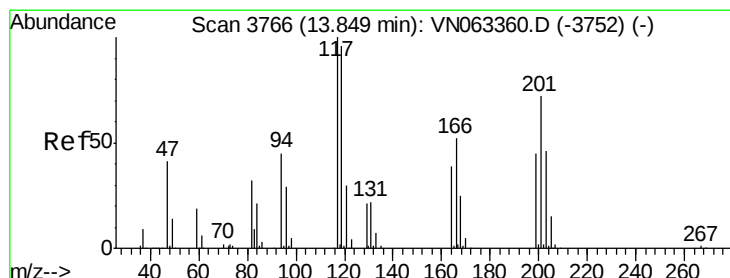
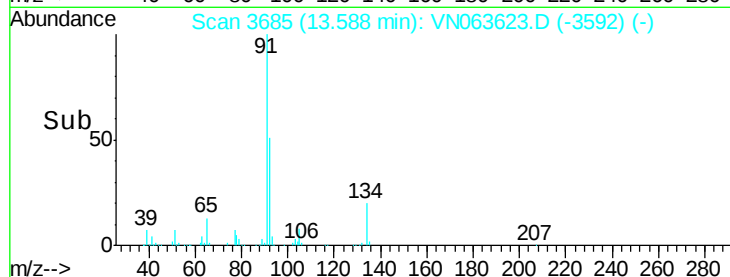
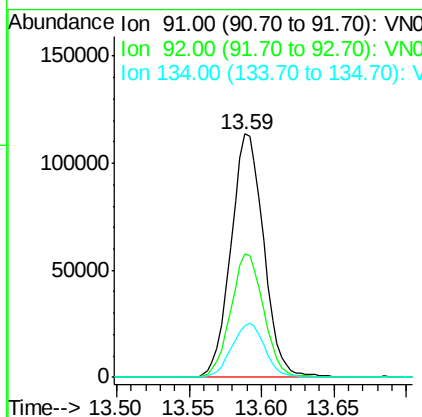
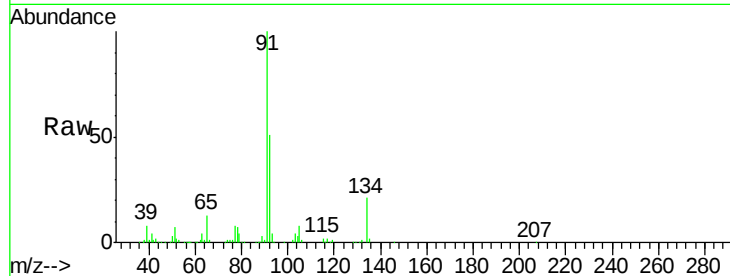
#89
n-Butylbenzene
Concen: 17.131 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.0	78.0
134	22.4	11.7	35.0

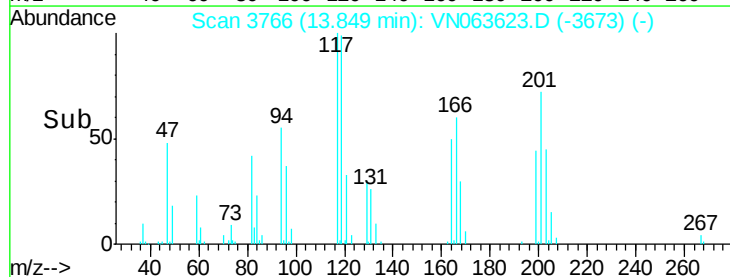
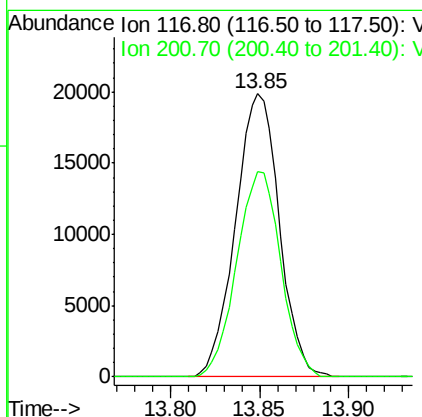
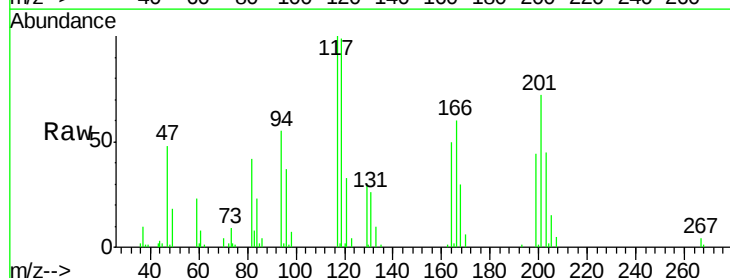
Manual Integrations
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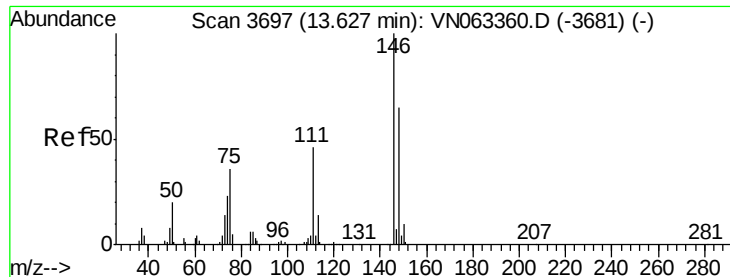
MMDadoda
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#90
Hexachloroethane
Concen: 15.789 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.8	35.5	106.7





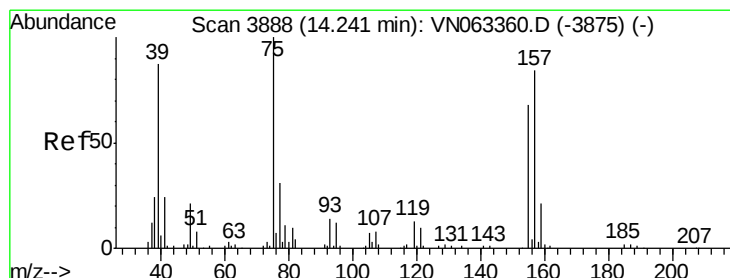
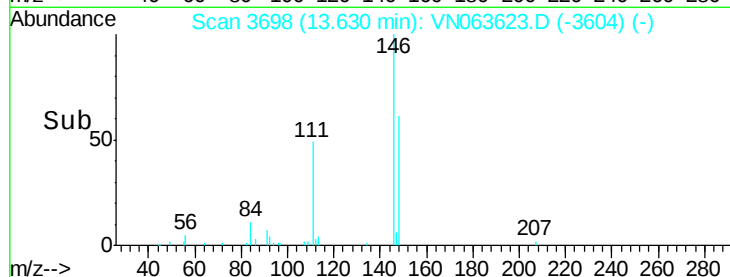
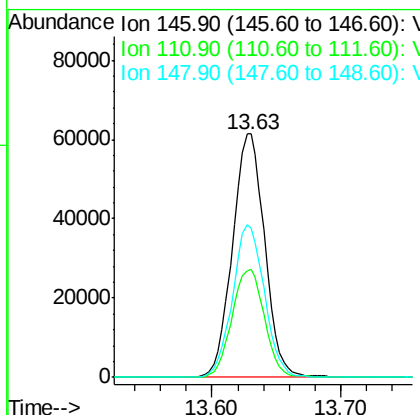
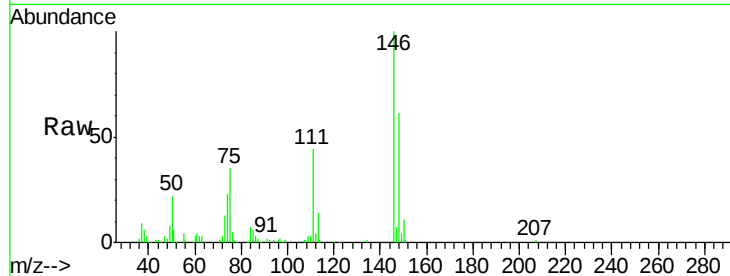
#91
 1,2-Dichlorobenzene
 Concen: 18.677 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.4	67.2
148	62.6	32.0	96.0

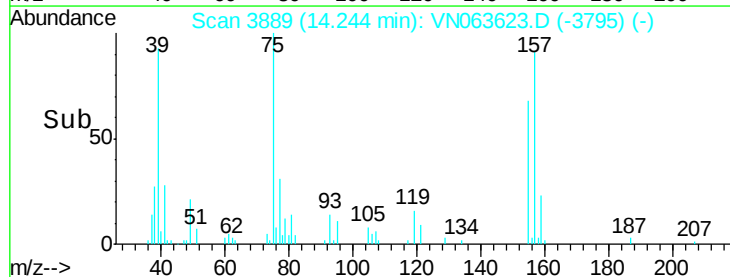
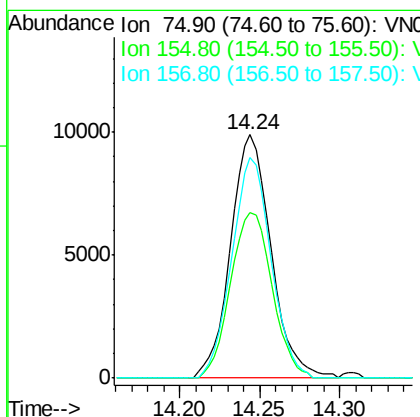
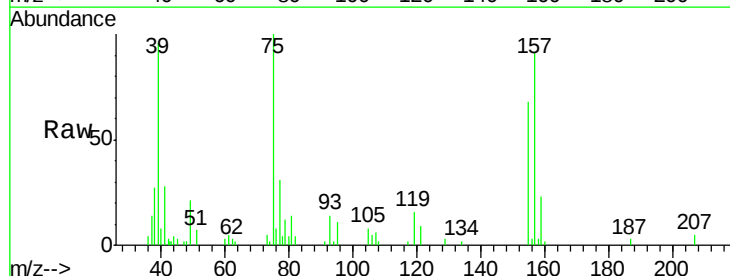
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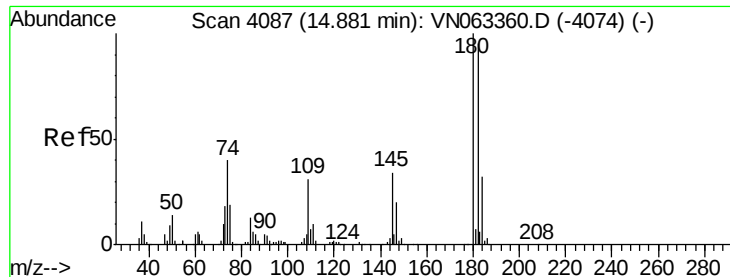
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.653 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.0	34.6	103.9
157	87.7	43.7	131.1





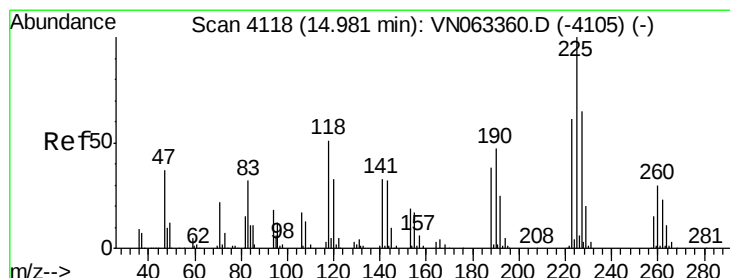
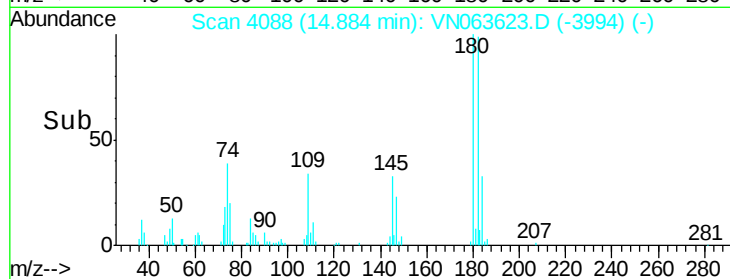
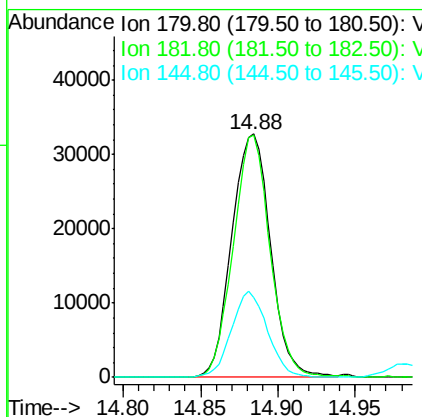
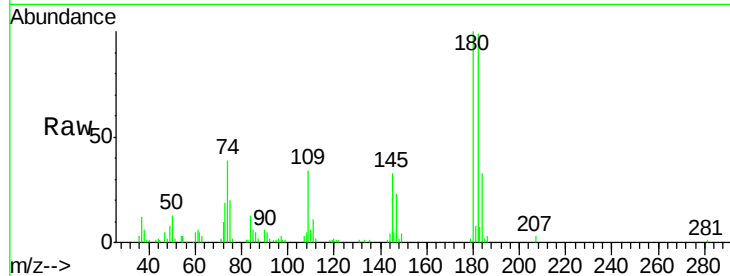
#93
 1,2,4-Trichlorobenzene
 Concen: 16.986 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	142.0
145	32.7	16.6	49.7

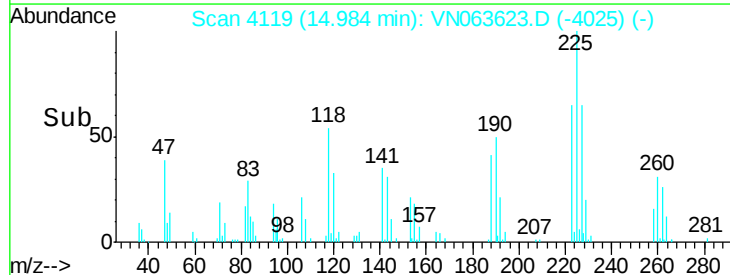
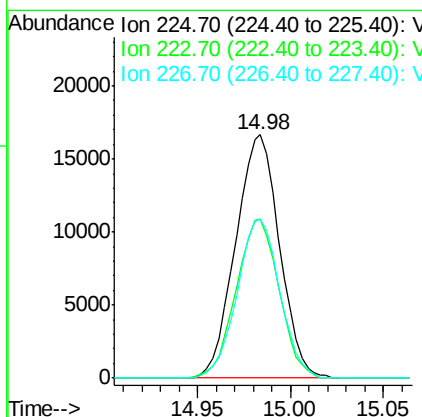
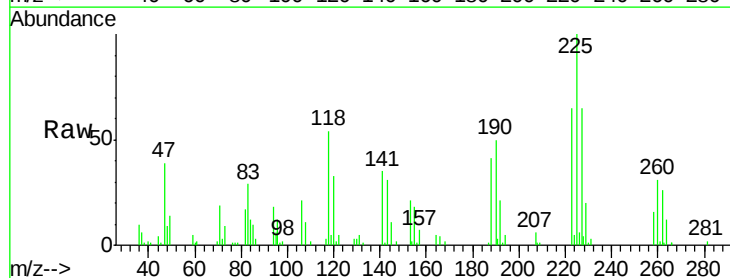
Manual Integrations
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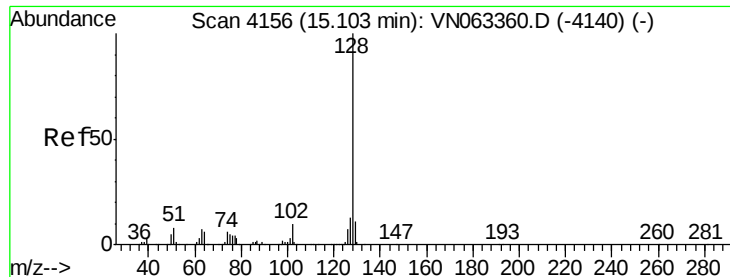
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#94
 Hexachlorobutadiene
 Concen: 19.612 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063623.D
 Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	30.6	91.6
227	63.5	31.2	93.6





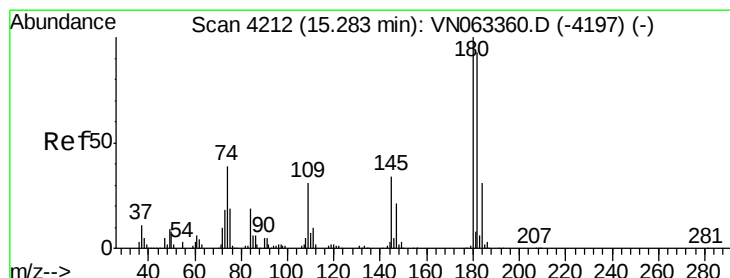
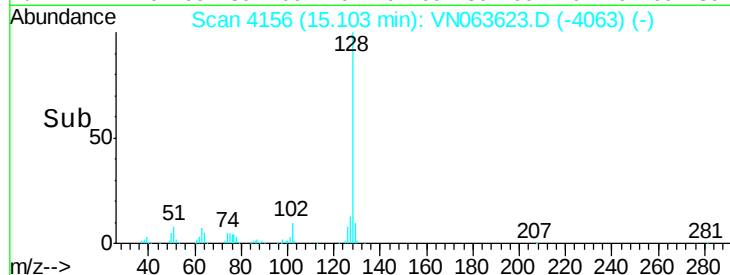
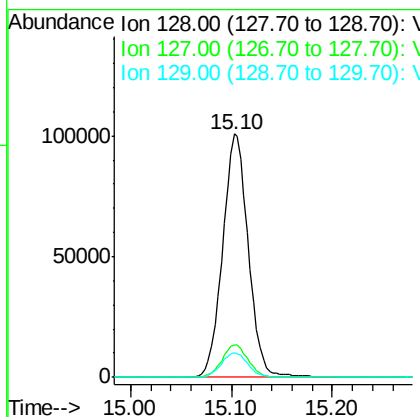
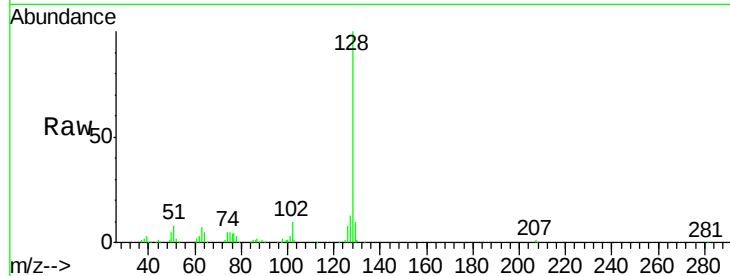
#95
Naphthalene
Concen: 16.133 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	178888		
127	13.4		10.6	15.8
129	10.4		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.157 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063623.D
Acq: 24 Sep 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	55638		
182	94.1		46.7	140.1
145	34.4		16.8	50.3

