

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063622.D
 Acq On : 24 Sep 2020 12:36
 Operator : JC/MD
 Sample : VN0924WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:16:03 PM

Quant Time: Sep 24 16:58:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	190012	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	7.55	113	131373	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	10.06	98	491944	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
62) 4-Bromofluorobenzene	12.38	95	180828	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47122	17.458	ug/l	99
3) Chloromethane	2.04	50	57910	16.218	ug/l	97
4) Vinyl Chloride	2.17	62	57966	18.323	ug/l	98
5) Bromomethane	2.53	94	36989	19.692	ug/l	98
6) Chloroethane	2.68	64	36652	18.874	ug/l	95
7) Trichlorofluoromethane	2.99	101	93782	19.869	ug/l	99
8) Diethyl Ether	3.38	74	31121	16.914	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48644	18.326	ug/l	97
10) Methyl Iodide	3.91	142	57229	16.560	ug/l #	93
11) Tert butyl alcohol	4.73	59	43607	77.613	ug/l	95
12) 1,1-Dichloroethene	3.70	96	45335	16.862	ug/l	98
13) Acrolein	3.57	56	14295	68.655	ug/l	95
14) Allyl chloride	4.28	41	88703	16.679	ug/l	97
15) Acrylonitrile	4.93	53	125446	87.776	ug/l	99
16) Acetone	3.78	43	120232	92.244	ug/l	99
17) Carbon Disulfide	4.02	76	118770	15.187	ug/l	99
18) Methyl Acetate	4.28	43	62204	18.799	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	172363	17.201	ug/l	97
20) Methylene Chloride	4.51	84	58785	17.801	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	51206	17.190	ug/l	96
22) Diisopropyl ether	5.90	45	188060	17.339	ug/l	93
23) Vinyl Acetate	5.85	43	760358	85.360	ug/l	100
24) 1,1-Dichloroethane	5.80	63	107704	18.188	ug/l	100
25) 2-Butanone	6.79	43	174774	87.185	ug/l	95
26) 2,2-Dichloropropane	6.78	77	90025	17.267	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	58659	17.398	ug/l	96
28) Bromochloromethane	7.15	49	48886	17.880	ug/l	100
29) Tetrahydrofuran	7.17	42	117348	85.711	ug/l	99
30) Chloroform	7.33	83	110630	18.621	ug/l	98
31) Cyclohexane	7.62	56	88637	15.824	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	98025	18.551	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78225	17.824	ug/l	99
37) Ethyl Acetate	6.88	43	75615	17.555	ug/l	99
38) Carbon Tetrachloride	7.73	117	81669	18.230	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75283	15.805	ug/l	96
40) Benzene	8.00	78	227069	18.125	ug/l	98
41) Methacrylonitrile	7.13	41	34315	17.713	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	93717	18.602	ug/l	99
43) Isopropyl Acetate	8.13	43	132155	17.159	ug/l	100
44) Trichloroethene	8.80	130	56460	18.581	ug/l	99
45) 1,2-Dichloropropane	9.09	63	61812	18.116	ug/l	99
46) Dibromomethane	9.18	93	41654	18.574	ug/l	96
47) Bromodichloromethane	9.37	83	86285	18.520	ug/l	99
48) Methyl methacrylate	9.17	41	65504	17.311	ug/l	98
49) 1,4-Dioxane	9.17	88	18514	340.943	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	394605	91.518	ug/l	99
52) Toluene	10.13	92	140823	18.696	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	92561	17.796	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	97720	17.812	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	56078	18.744	ug/l	98
56) Ethyl methacrylate	10.40	69	81359	17.419	ug/l	97
57) 1,3-Dichloropropane	10.68	76	97838	18.134	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	206311	84.204	ug/l	100
59) 2-Hexanone	10.72	43	285607	91.431	ug/l	100
60) Dibromochloromethane	10.87	129	60157	17.798	ug/l	97
61) 1,2-Dibromoethane	10.98	107	57866	18.617	ug/l	99
64) Tetrachloroethene	10.60	164	52004	20.067	ug/l	98
65) Chlorobenzene	11.41	112	146877	18.180	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	53907	18.203	ug/l	99
67) Ethyl Benzene	11.49	91	267908	17.609	ug/l	99
68) m/p-Xylenes	11.60	106	195190	35.584	ug/l	100
69) o-Xylene	11.92	106	93920	17.974	ug/l	99
70) Styrene	11.94	104	156544	17.864	ug/l	99
71) Bromoform	12.10	173	39253	17.792	ug/l #	97
73) Isopropylbenzene	12.23	105	253665	17.762	ug/l	99
74) N-amyl acetate	12.05	43	109072	16.134	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	80298	18.159	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	82059m	18.602	ug/l	
77) Bromobenzene	12.50	156	60141	18.721	ug/l	97
78) n-propylbenzene	12.57	91	292365	17.576	ug/l	100
79) 2-Chlorotoluene	12.65	91	179243	17.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	212266	17.824	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23813	14.800	ug/l	93
82) 4-Chlorotoluene	12.75	91	190001	18.034	ug/l	98
83) tert-Butylbenzene	12.97	119	169795	17.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	210565	17.505	ug/l	99
85) sec-Butylbenzene	13.15	105	227096	17.261	ug/l	99
86) p-Isopropyltoluene	13.26	119	196007	16.891	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	106325	17.857	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	112100	18.517	ug/l	98
89) n-Butylbenzene	13.59	91	171801	16.062	ug/l	98
90) Hexachloroethane	13.85	117	34700	15.704	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	106407	18.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17091	16.231	ug/l	98

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ClientSampleId :
VN0924WBS01

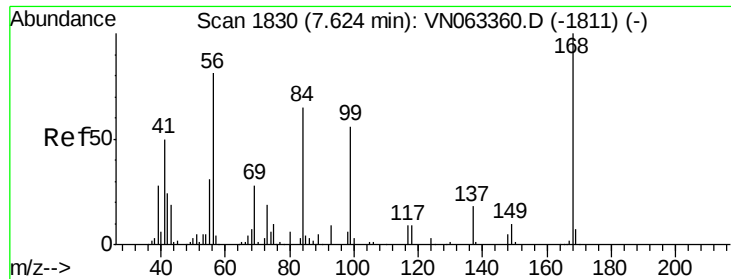
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55556	16.120	ug/l	99
94) Hexachlorobutadiene	14.98	225	27205	19.068	ug/l	97
95) Naphthalene	15.10	128	178935	15.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	53840	16.169	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion:168 Resp: 238250

Ion Ratio Lower Upper

168 100

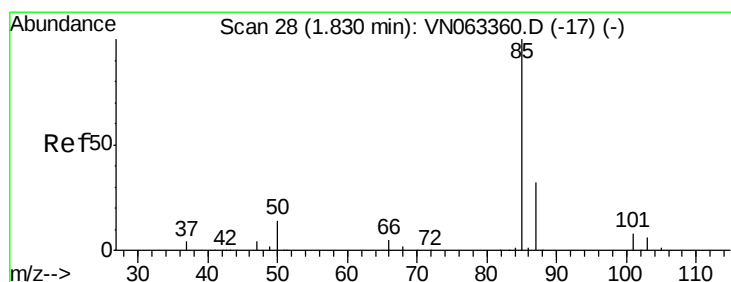
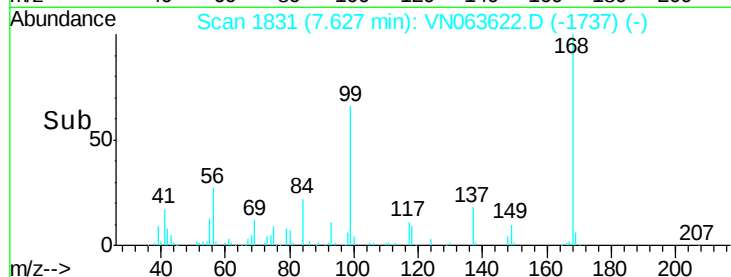
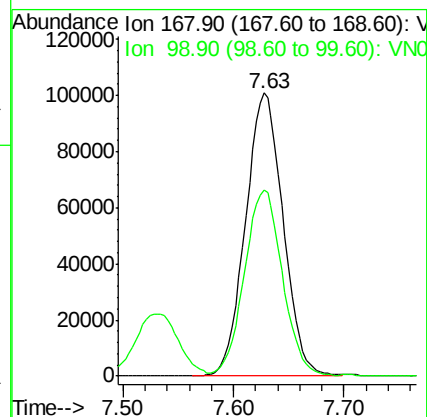
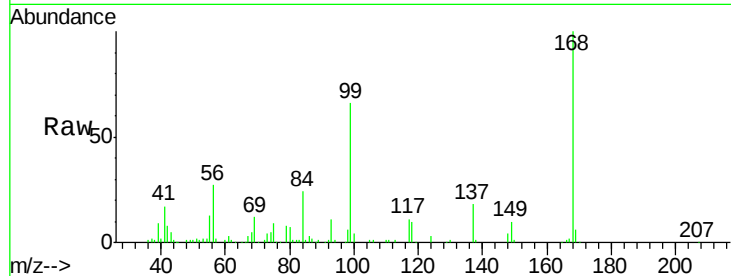
99 65.3 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.458 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063622.D

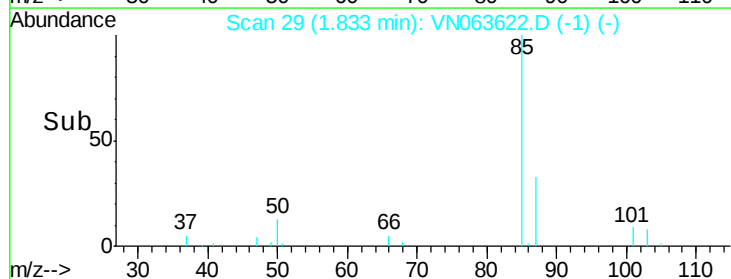
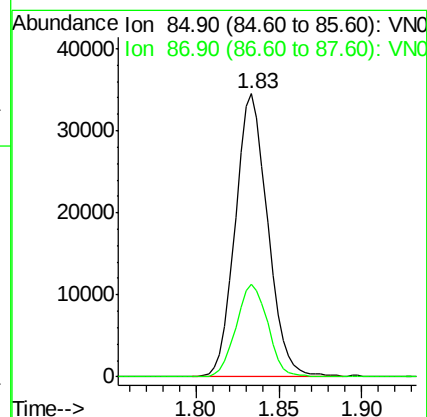
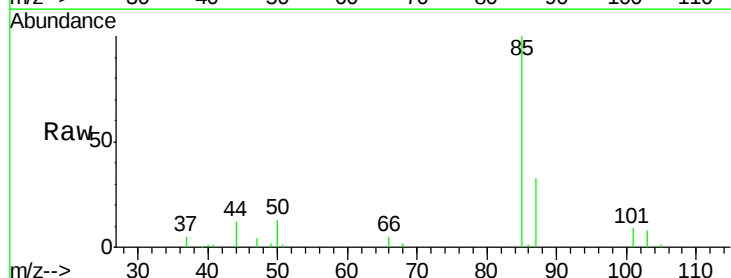
Acq: 24 Sep 2020 12:36

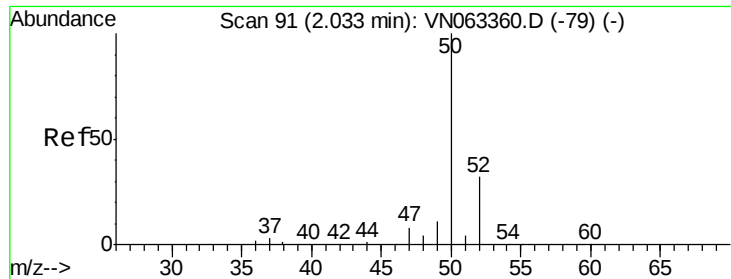
Tgt Ion: 85 Resp: 47122

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6





#3

Chloromethane

Concen: 16.218 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 50 Resp: 57910

Ion Ratio Lower Upper

50 100

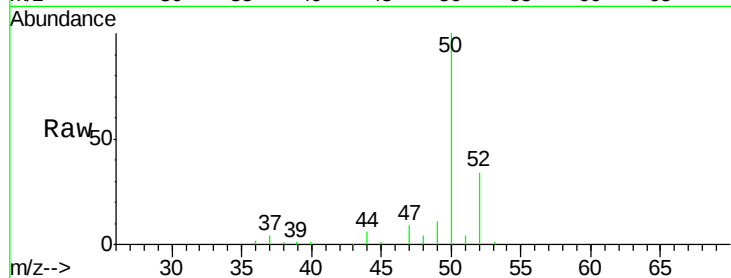
52 34.3 25.9 38.9

Manual Integrations

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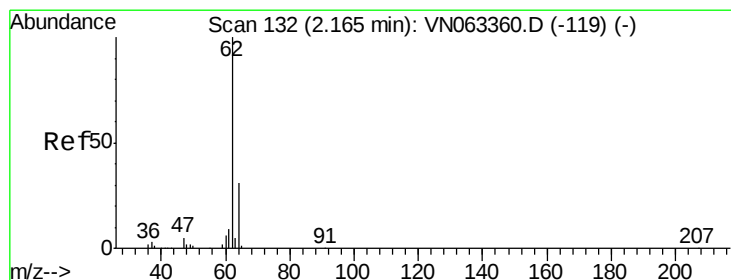
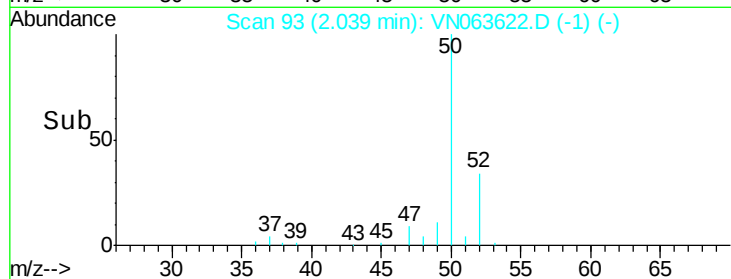
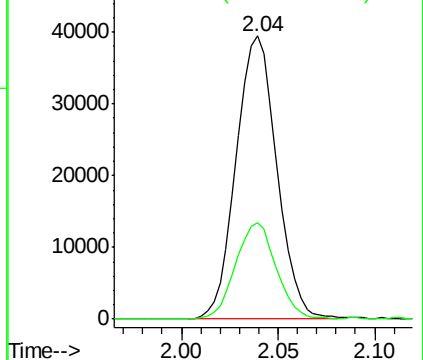
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.323 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063622.D

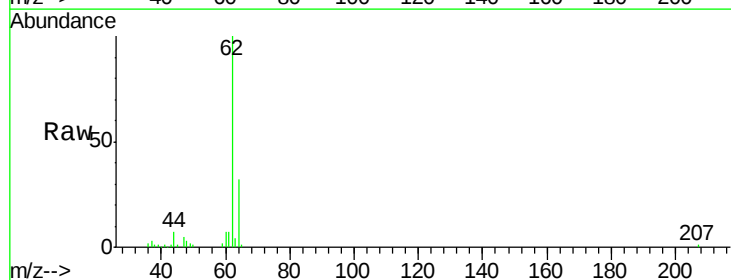
Acq: 24 Sep 2020 12:36

Tgt Ion: 62 Resp: 57966

Ion Ratio Lower Upper

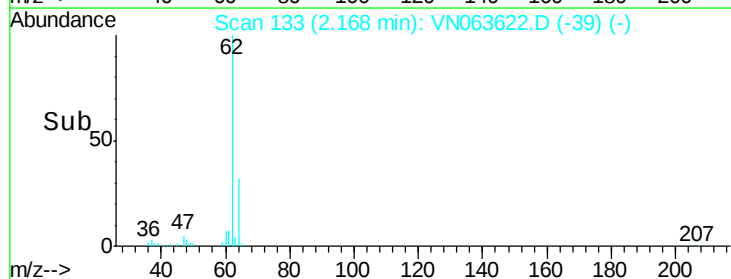
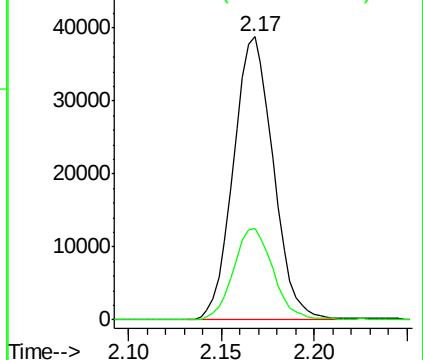
62 100

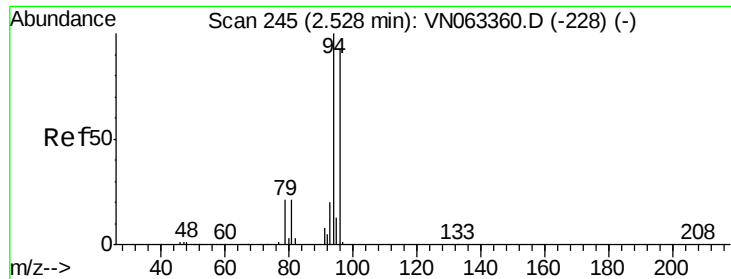
64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.692 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 94 Resp: 36989

Ion Ratio Lower Upper

94 100

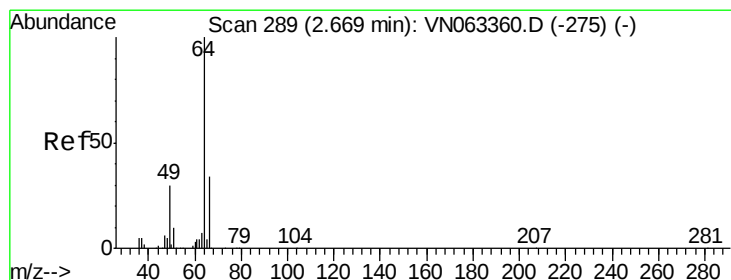
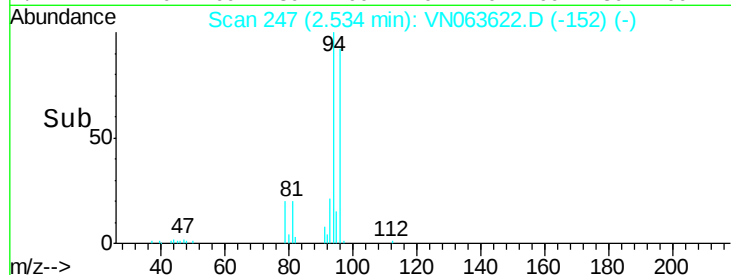
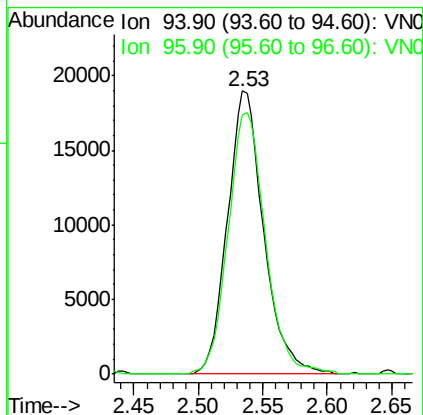
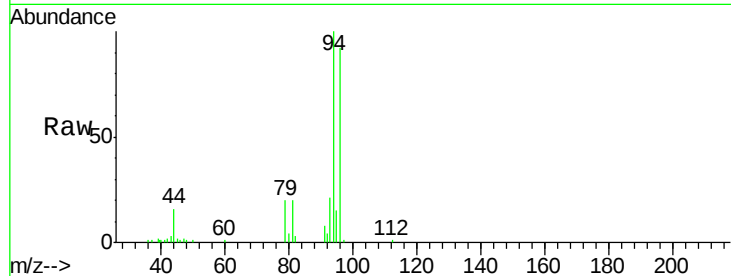
96 91.6 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 18.874 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063622.D

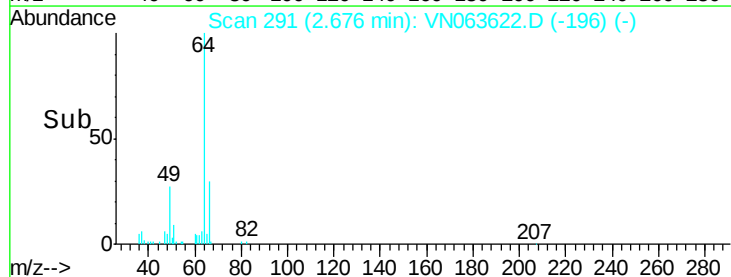
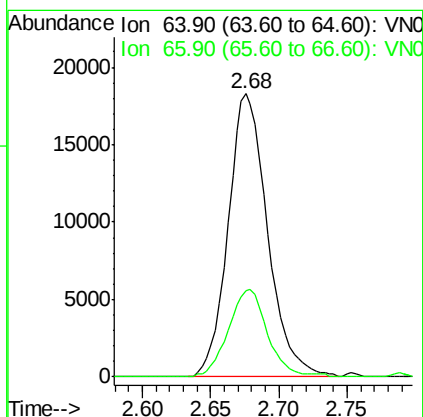
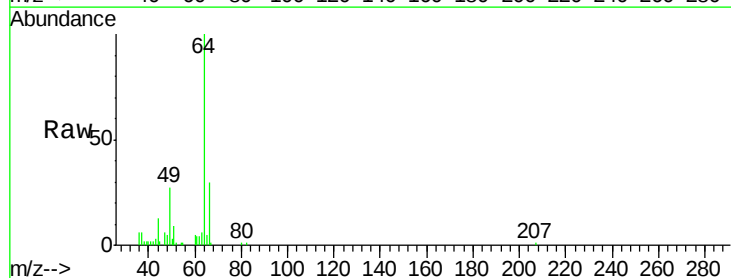
Acq: 24 Sep 2020 12:36

Tgt Ion: 64 Resp: 36652

Ion Ratio Lower Upper

64 100

66 30.5 26.9 40.3





#7

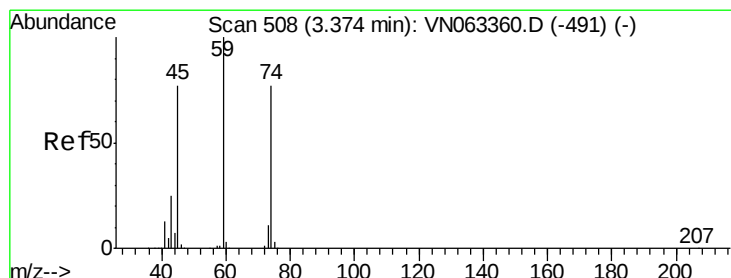
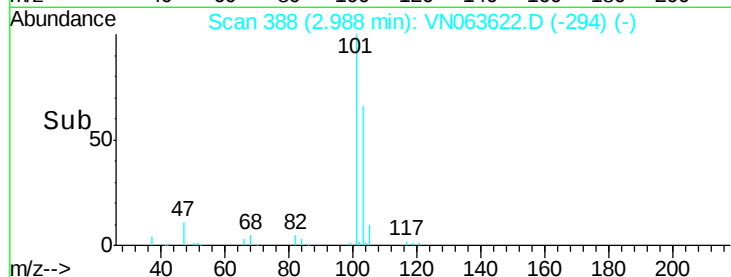
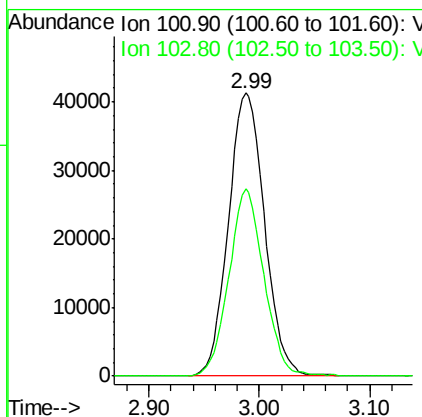
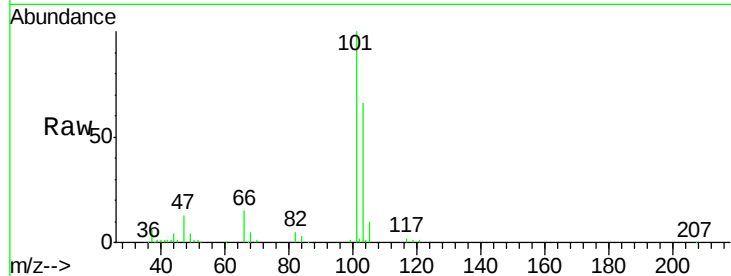
Trichlorofluoromethane
 Concen: 19.869 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	52.3	78.5

Manual Integrations
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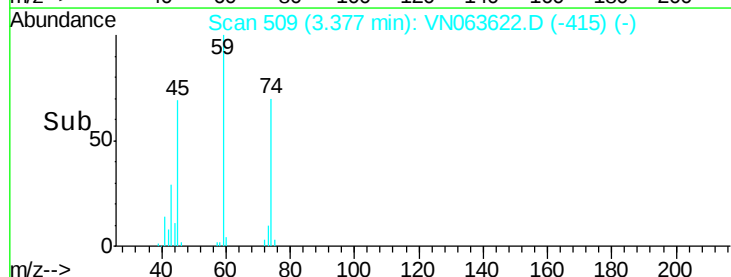
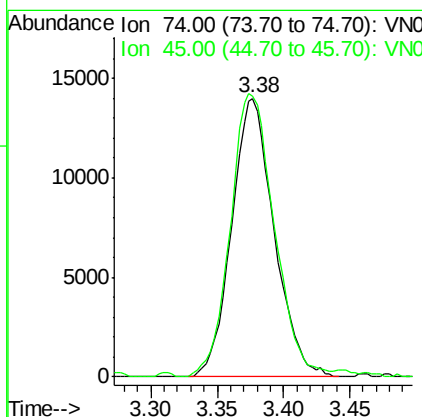
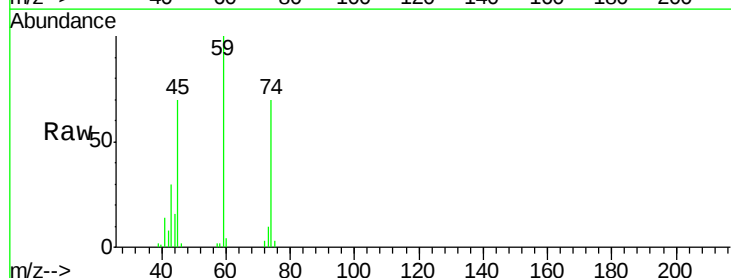
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 9/28/2020 5:16:03 PM

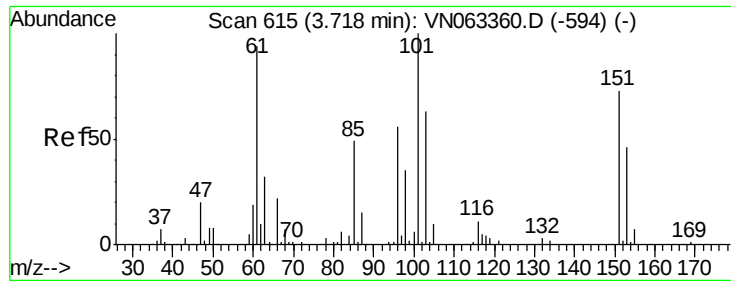


#8

Diethyl Ether
 Concen: 16.914 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.326 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

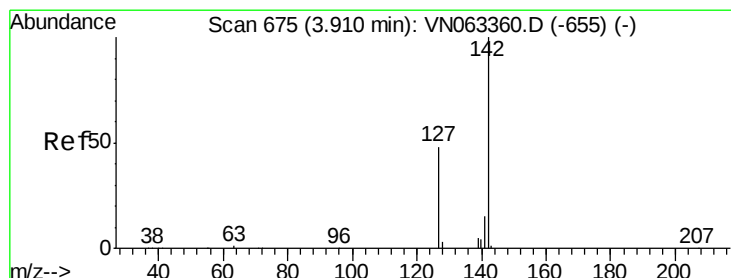
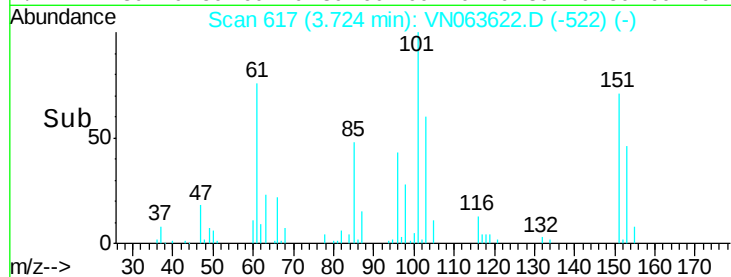
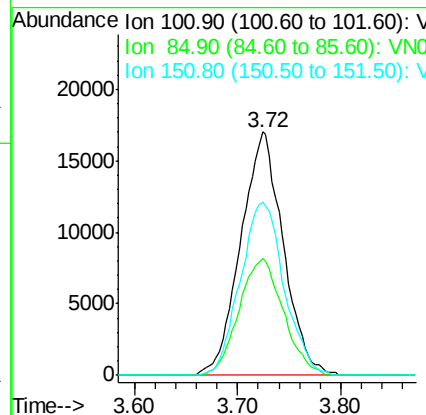
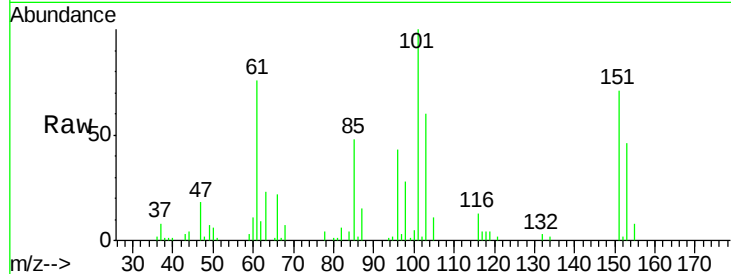
ClientSampleId :

VN0924WBS01

Tot Ion:	101	Resp:	48644
Ion Ratio	Lower	Upper	
101	100		
85	50.1	37.7	56.5
151	73.7	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 16.560 ug/l

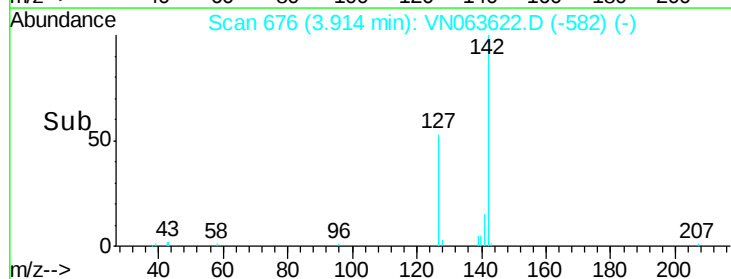
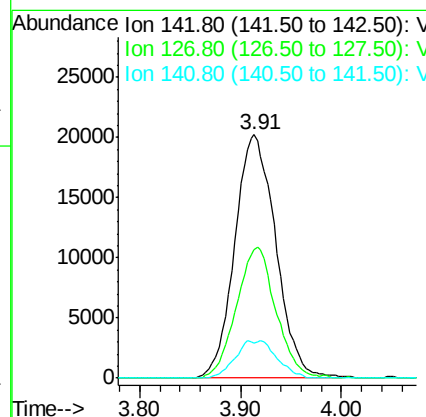
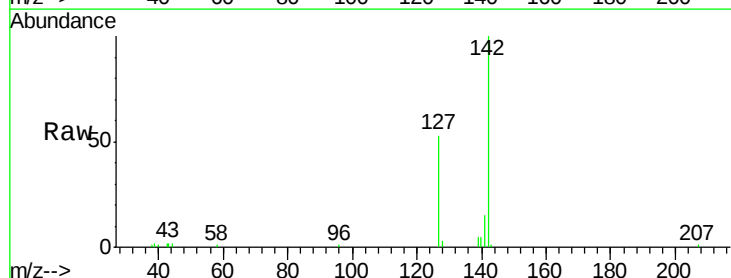
RT: 3.91 min Scan# 676

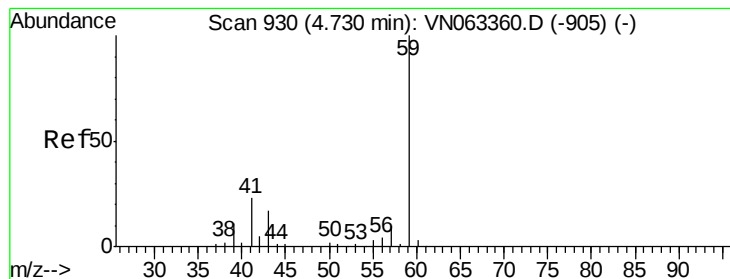
Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Tgt Ion:	142	Resp:	57229
Ion Ratio	Lower	Upper	
142	100		
127	51.5	39.0	58.6
141	7.6	11.6	17.4





#11

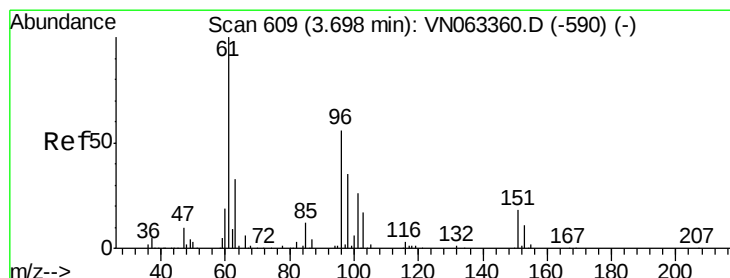
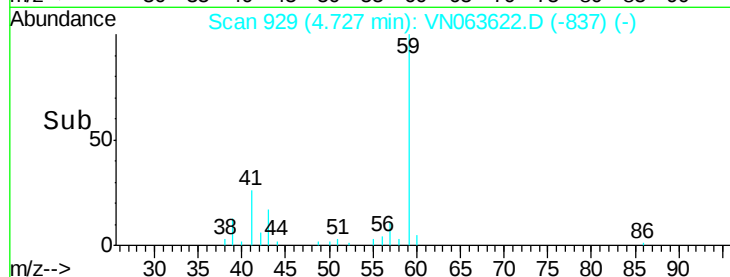
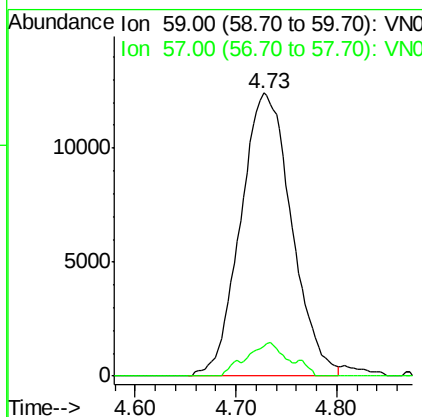
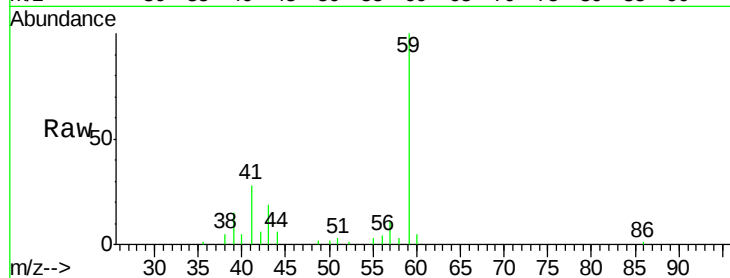
Tert butyl alcohol
 Concen: 77.613 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	59	57	Ratio	100	8.7	Resp:	43607	Lower	8.4	Upper	12.6
Ion											

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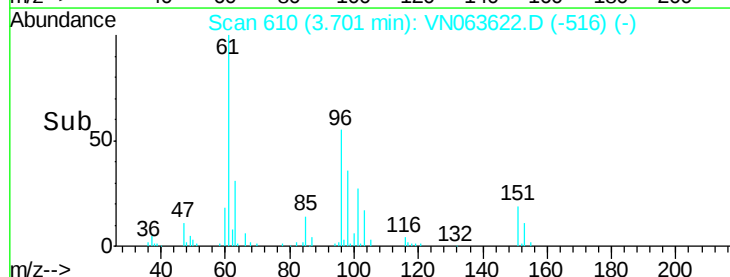
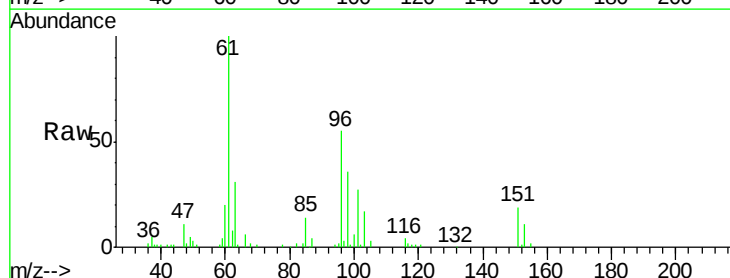
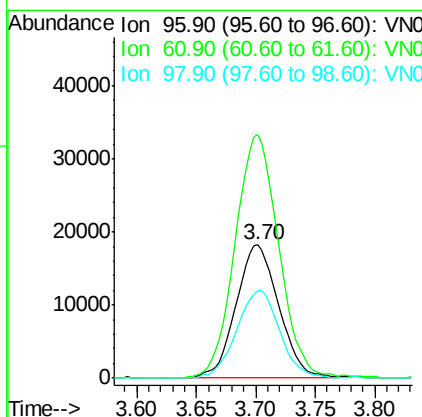
MMDadoda
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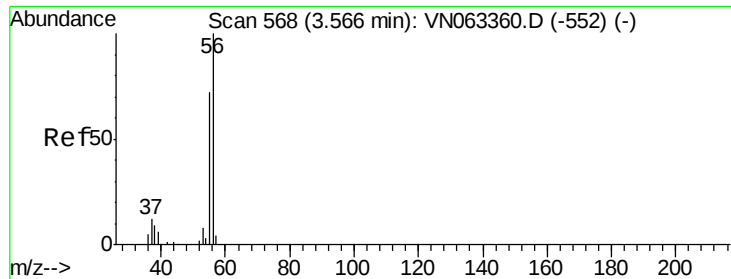


#12

1,1-Dichloroethene
 Concen: 16.862 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	96	61	98	Ratio	100	181.8	65.6	Resp:	45335	Lower	143.4	50.6	Upper	215.2	76.0
Ion															





#13

Acrolein

Concen: 68.655 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 56 Resp: 14295

Ion Ratio Lower Upper

56 100

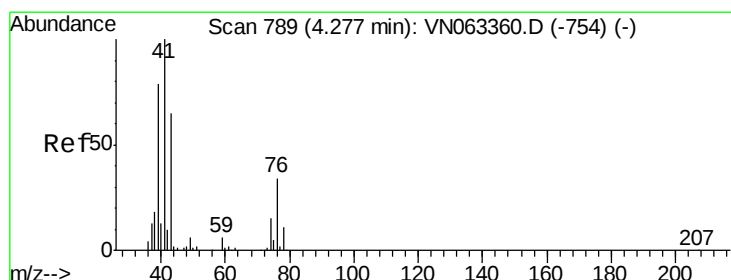
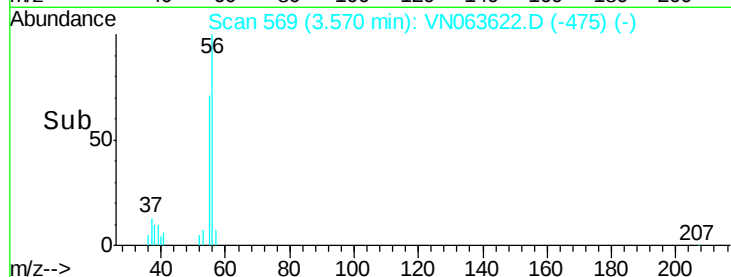
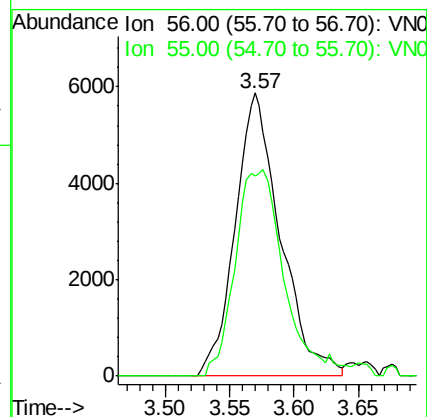
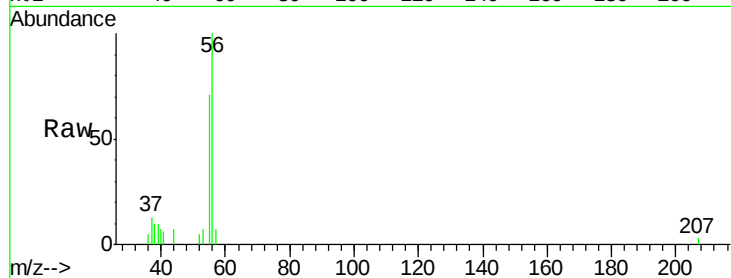
55 76.9 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 16.679 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

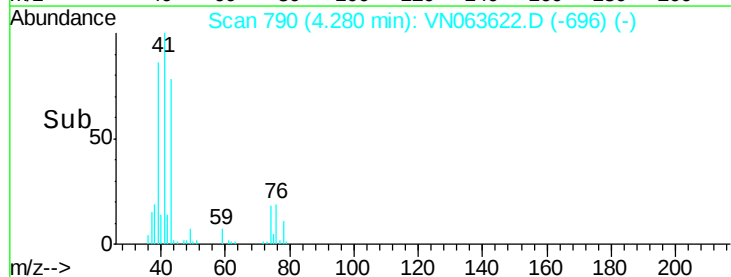
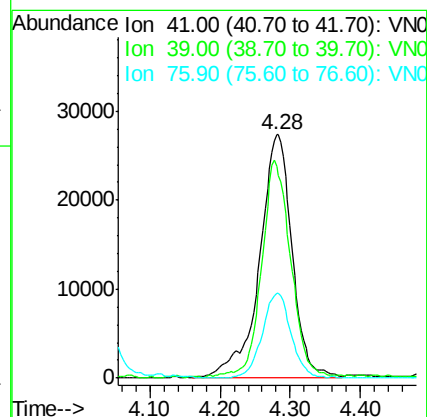
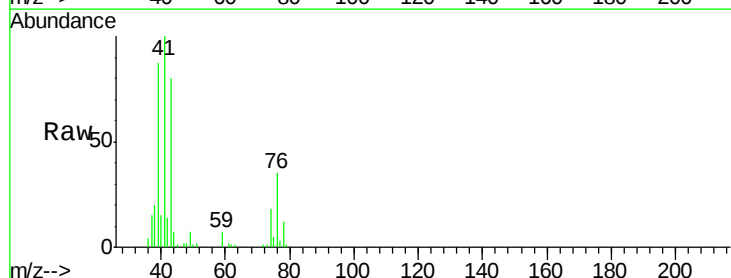
Tgt Ion: 41 Resp: 88703

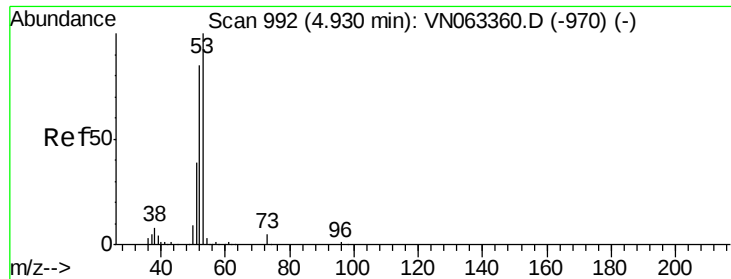
Ion Ratio Lower Upper

41 100

39 77.1 59.3 88.9

76 30.7 25.3 37.9





#15

Acrylonitrile

Concen: 87.776 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

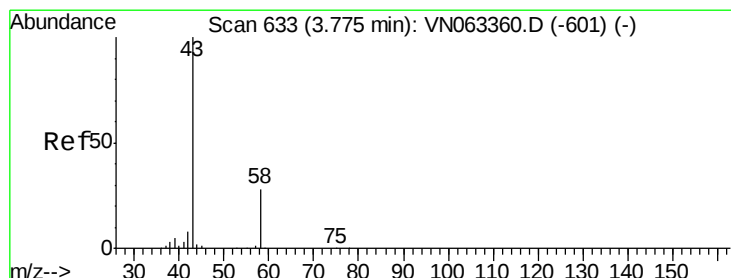
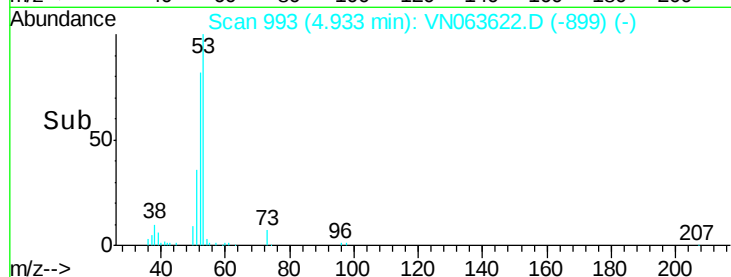
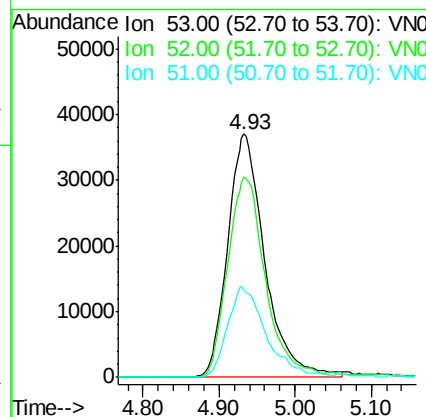
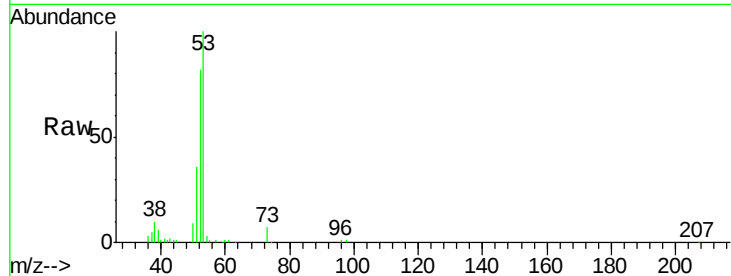
ClientSampleID :

VN0924WBS01

Tot Ion:	53	Resp:	125446
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.4	99.6
51	39.0	30.2	45.4

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#16

Acetone

Concen: 92.244 ug/l

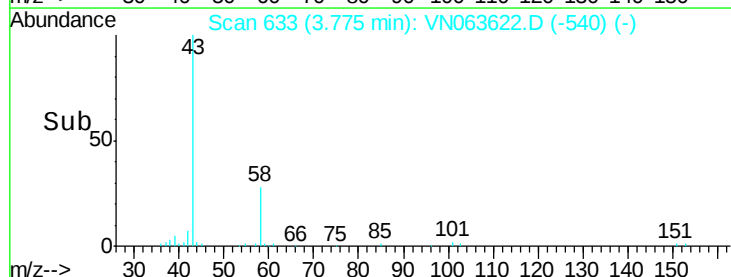
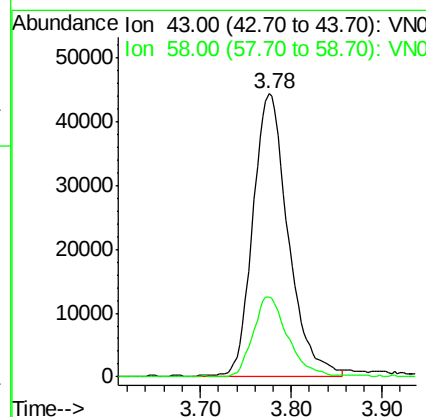
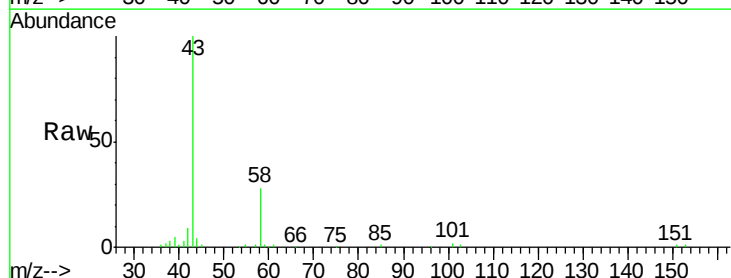
RT: 3.78 min Scan# 633

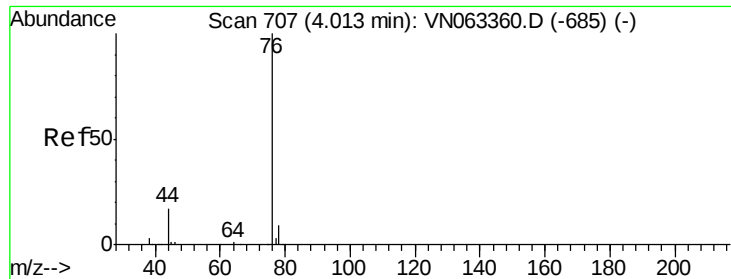
Delta R.T. -0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Tgt Ion:	43	Resp:	120232
Ion Ratio	Lower	Upper	
43	100		
58	28.3	22.3	33.5





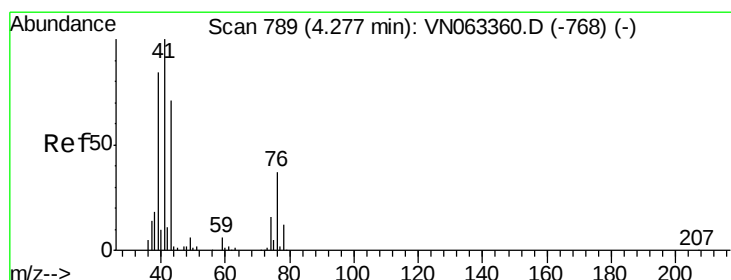
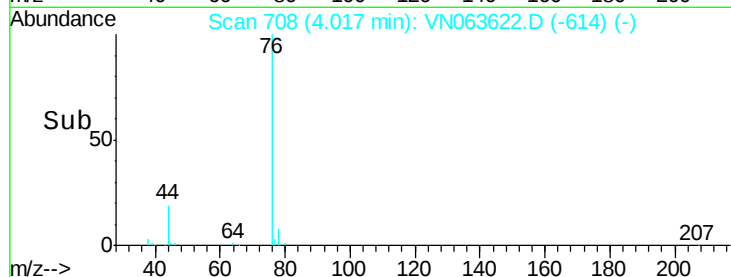
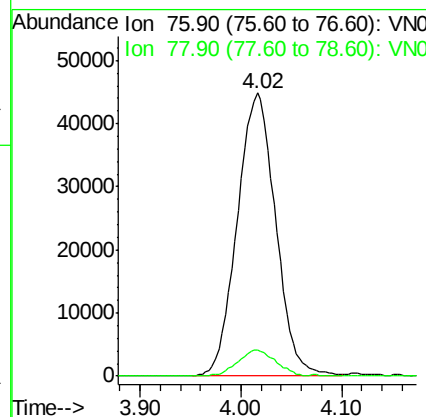
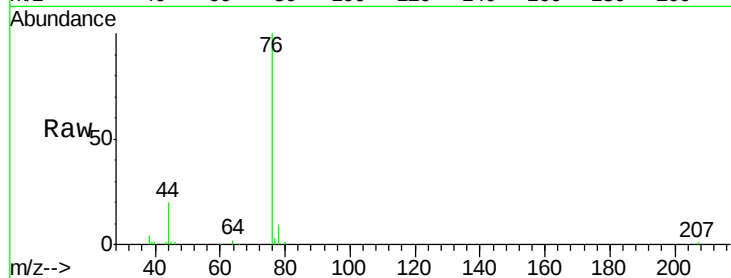
#17
Carbon Disulfide
Concen: 15.187 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion: 76 Resp: 118770
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

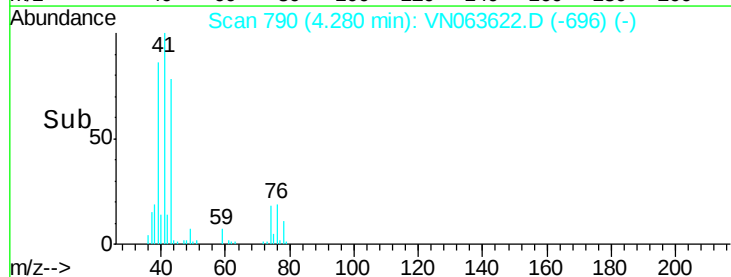
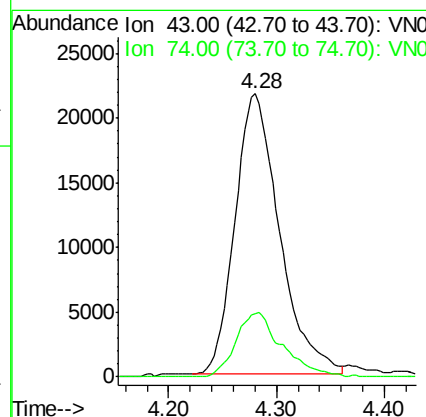
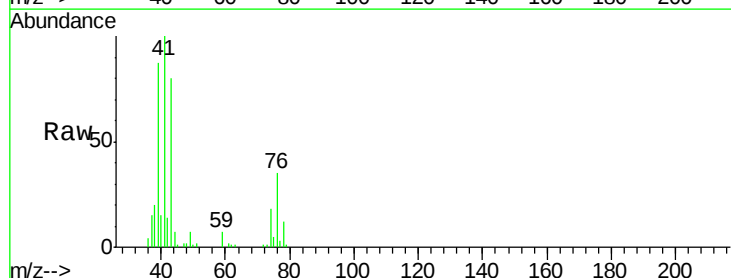
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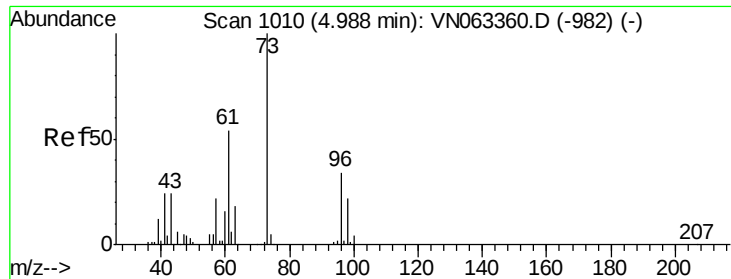
MMDadoda
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#18
Methyl Acetate
Concen: 18.799 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion: 43 Resp: 62204
Ion Ratio Lower Upper
43 100
74 23.7 17.4 26.2





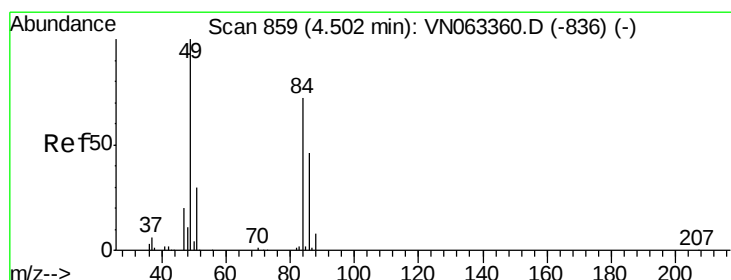
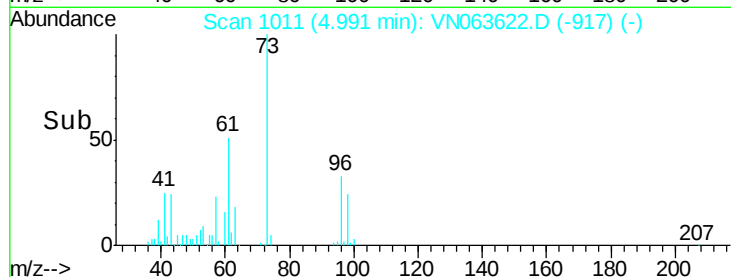
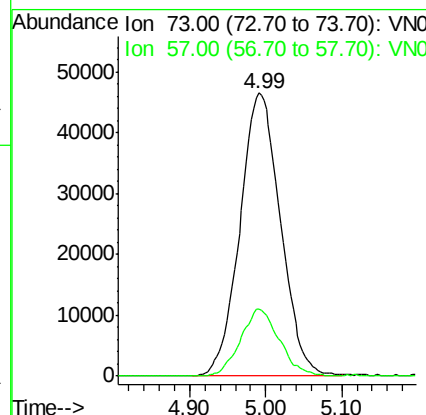
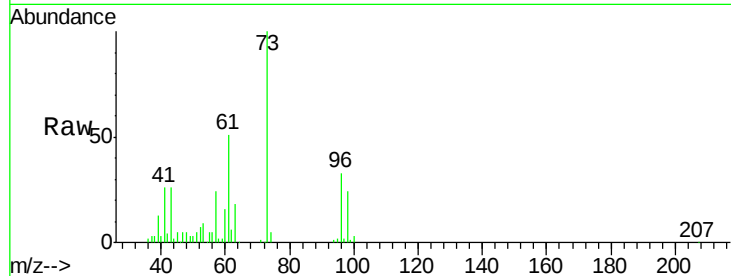
#19
Methvl tert-butvl Ether
Concen: 17.201 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion: 73 Resp: 172363
Ion Ratio Lower Upper
73 100
57 23.9 17.9 26.9

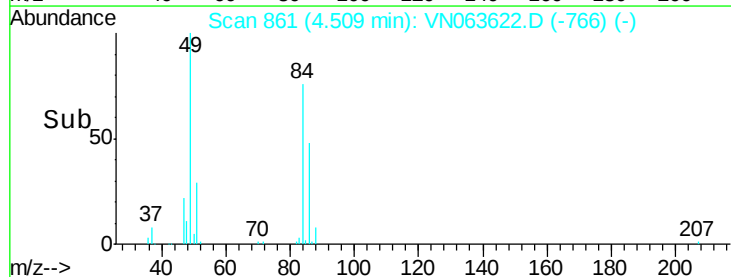
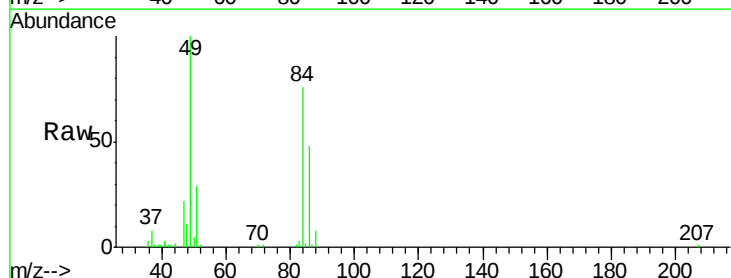
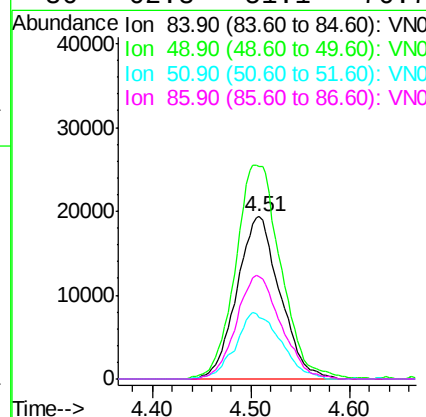
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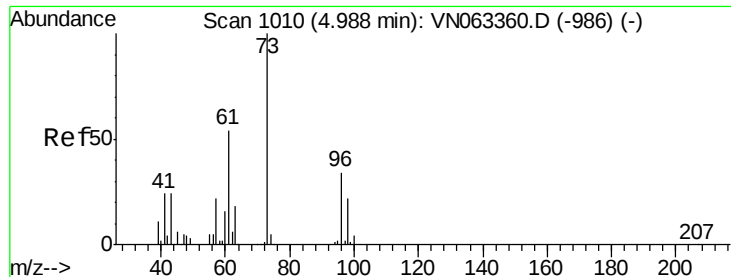
MMDadoda
9/28/2020 5:16:03 PM



#20
Methylene Chloride
Concen: 17.801 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion: 84 Resp: 58785
Ion Ratio Lower Upper
84 100
49 129.9 110.7 166.1
51 38.1 32.9 49.3
86 62.8 51.1 76.7





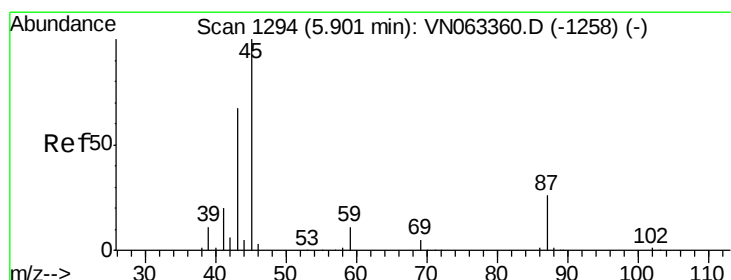
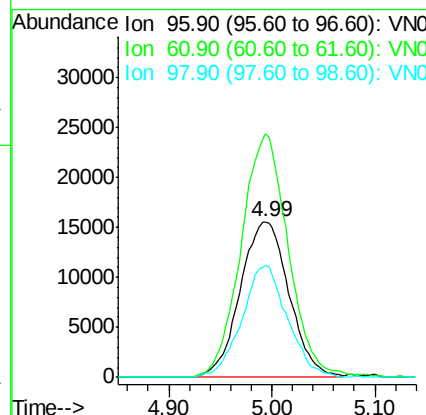
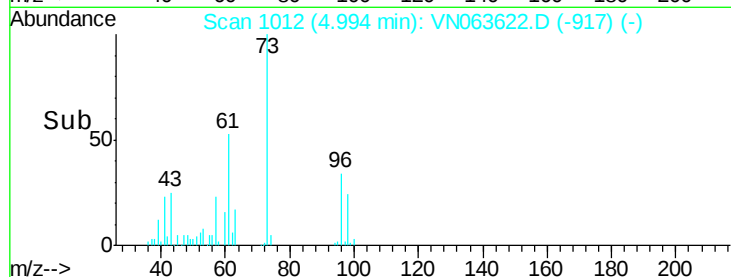
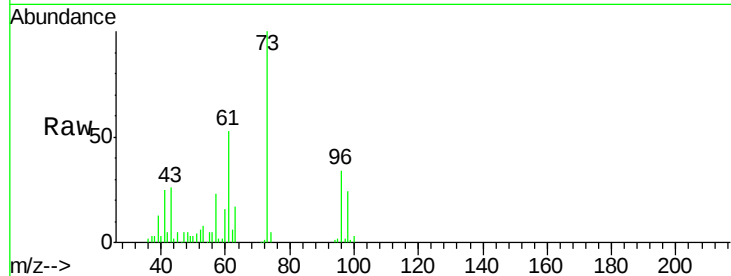
#21
trans-1,2-Dichloroethene
Concen: 17.190 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.8	126.2	189.4
98	72.1	51.0	76.4

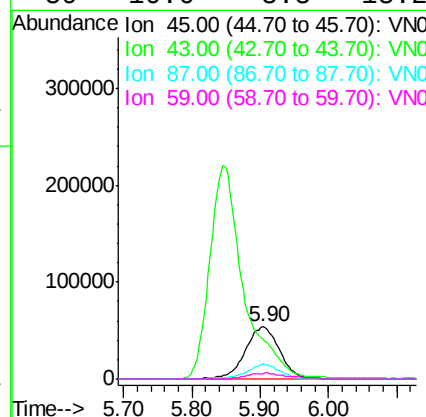
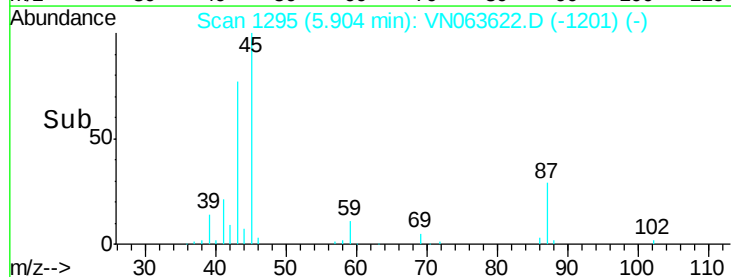
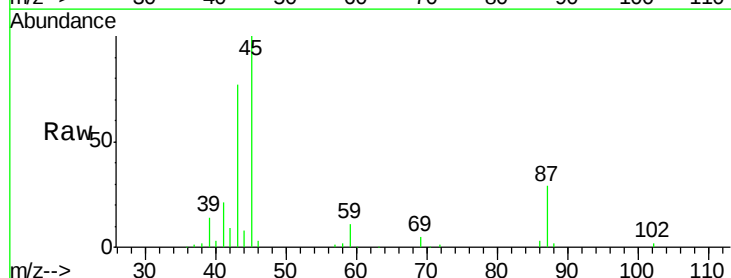
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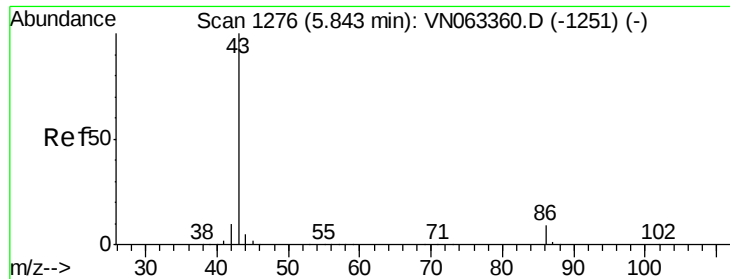
MMDadoda
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#22
Diisopropyl ether
Concen: 17.339 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.2	53.5	80.3
87	28.7	21.2	31.8
59	10.6	8.8	13.2





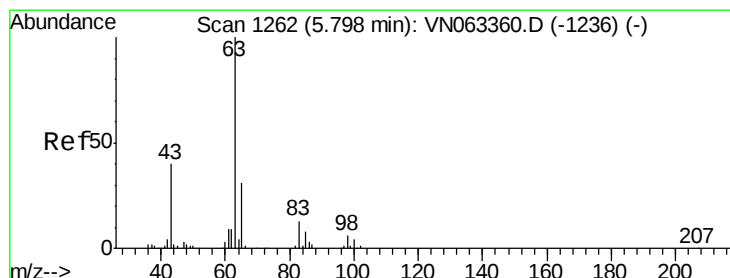
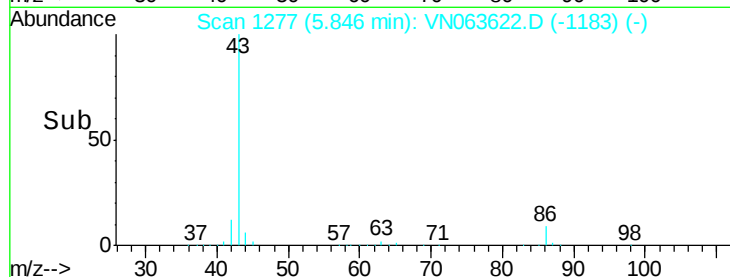
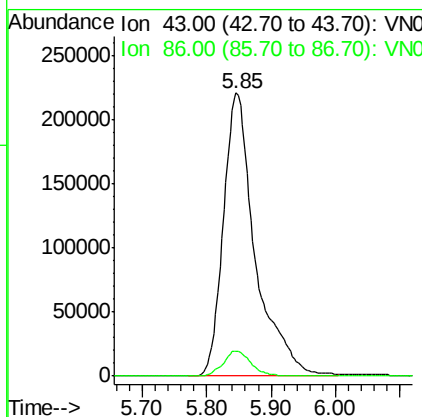
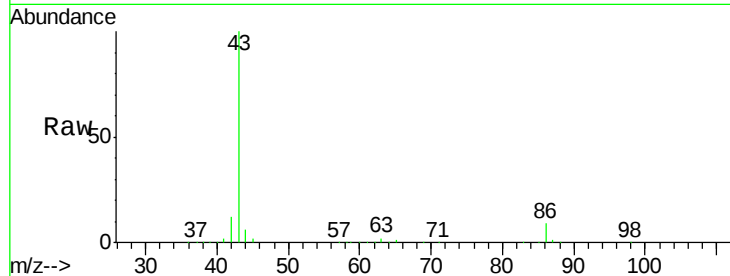
#23
 Vinyl Acetate
 Concen: 85.360 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0924WBS01

Tot Ion	43	Resp	760358
Ion Ratio	100	Lower	Upper
43	100		
86	8.9	7.1	10.7

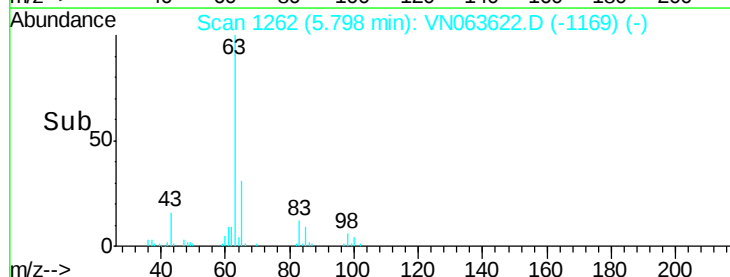
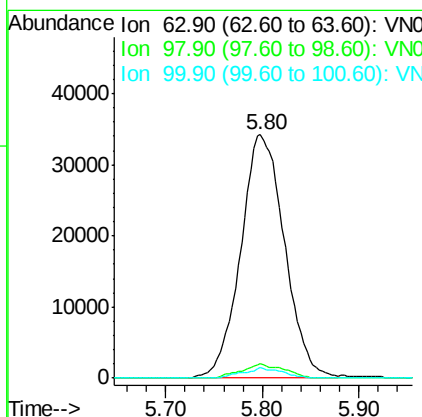
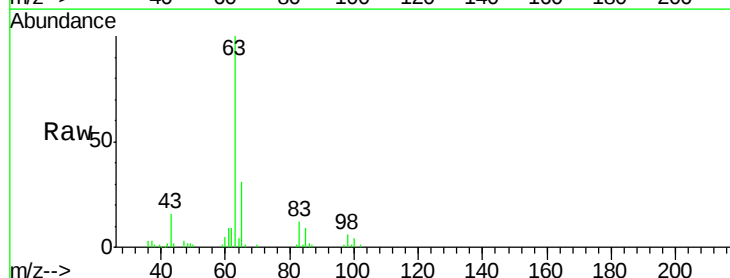
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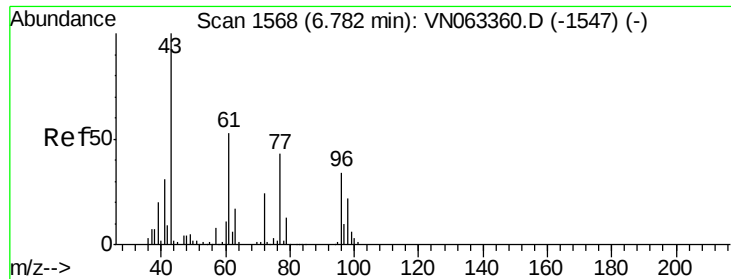
MMDadoda
 9/28/2020 5:16:03 PM



#24
 1,1-Dichloroethane
 Concen: 18.188 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	63	Resp	107704
Ion Ratio	100	Lower	Upper
63	100		
98	5.8	2.9	8.8
100	4.1	2.1	6.3





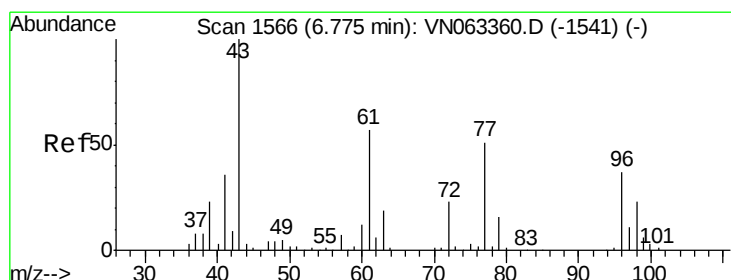
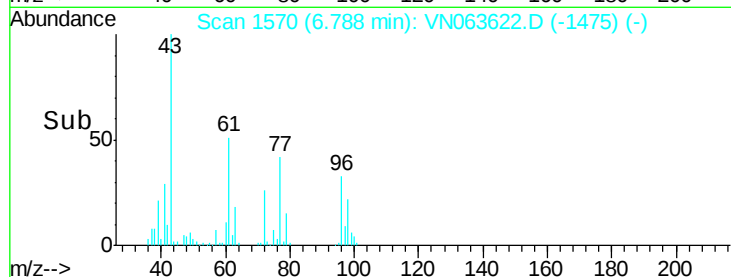
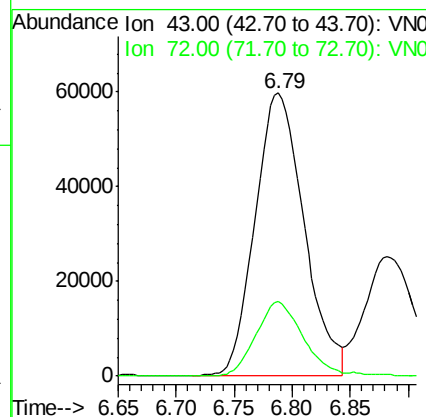
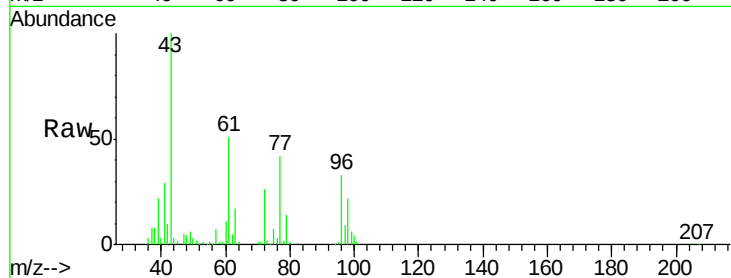
#25
2-Butanone
Concen: 87.185 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion: 43 Resp: 174774
Ion Ratio Lower Upper
43 100
72 26.4 19.2 28.8

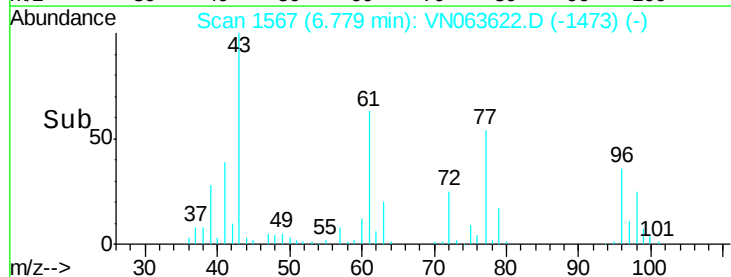
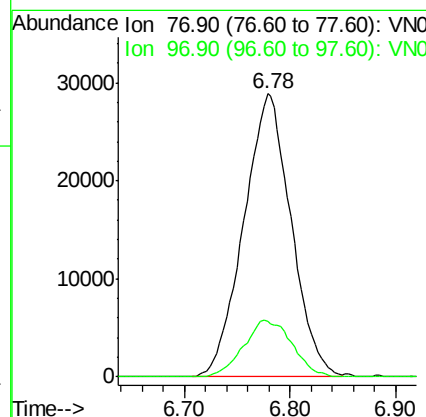
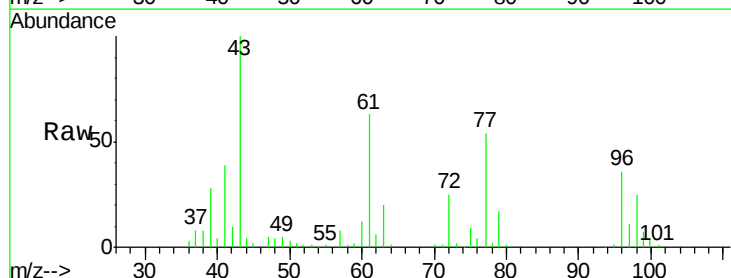
Manual Integrations
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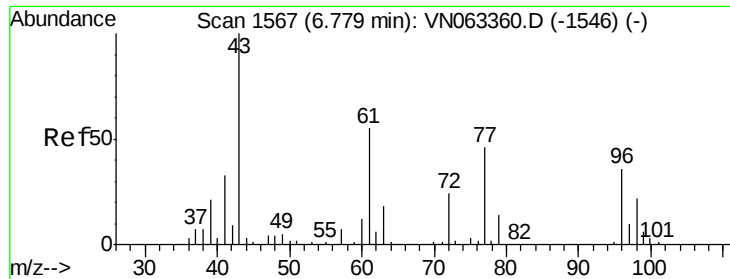
MMDadoda
9/28/2020 5:16:03 PM



#26
2,2-Dichloropropane
Concen: 17.267 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion: 77 Resp: 90025
Ion Ratio Lower Upper
77 100
97 20.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.398 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

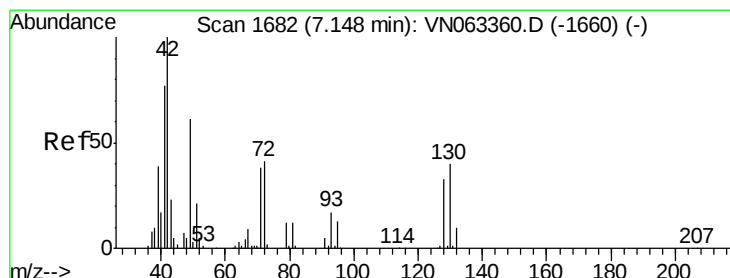
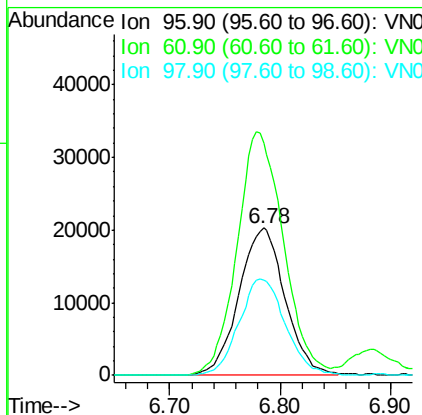
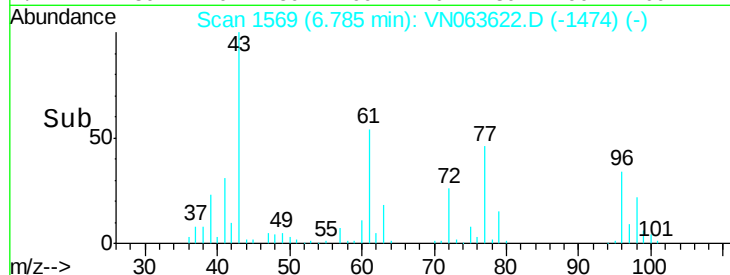
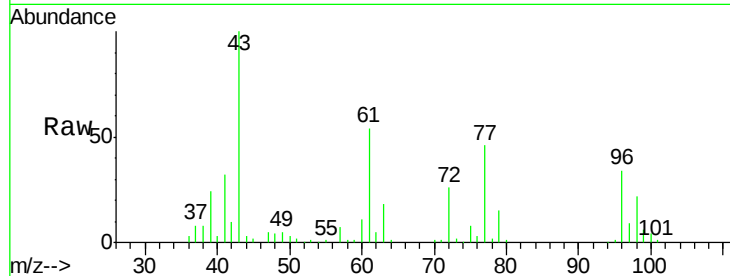
ClientSampleId :

VN0924WBS01

Tot Ion:	96	Resp:	58659
Ion	Ratio	Lower	Upper
96	100		
61	166.3	0.0	319.6
98	65.6	0.0	127.8

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#28

Bromochloromethane

Concen: 17.880 ug/l

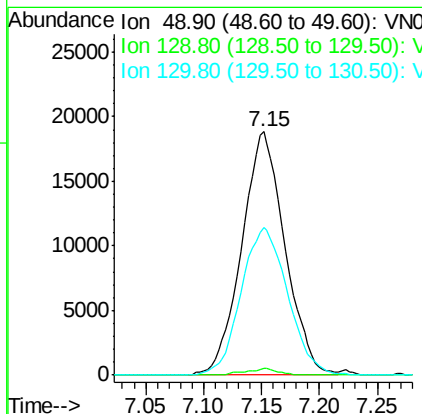
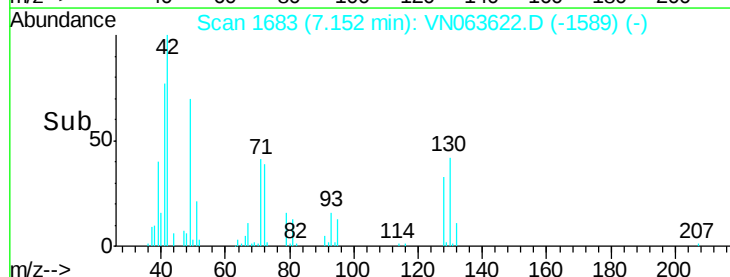
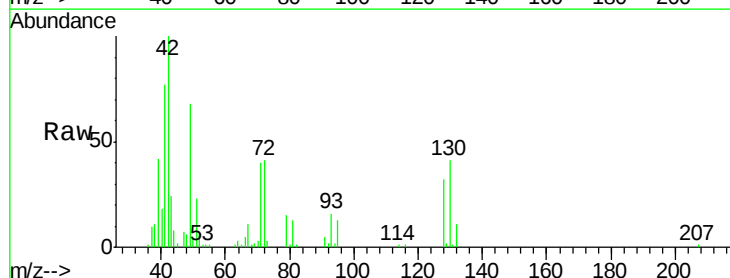
RT: 7.15 min Scan# 1683

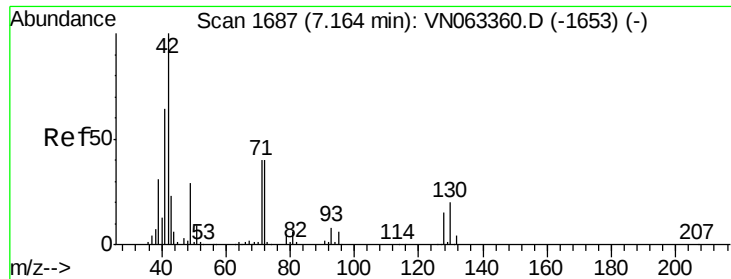
Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Tgt Ion:	49	Resp:	48886
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	65.1	52.2	78.2





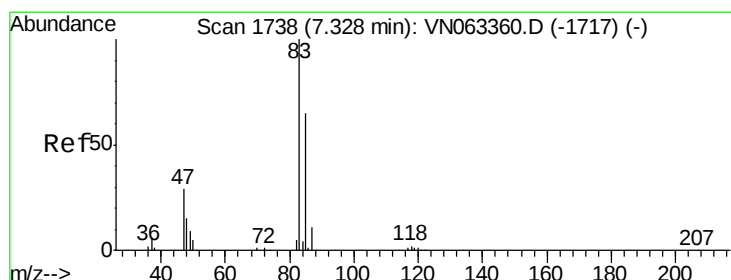
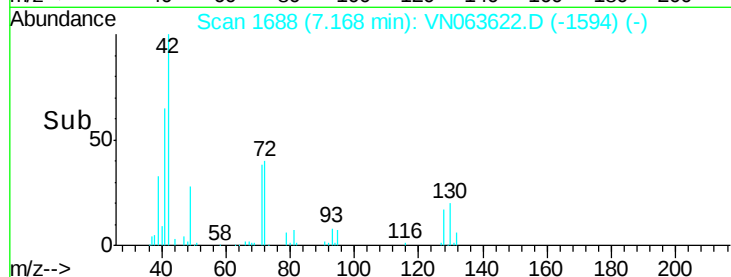
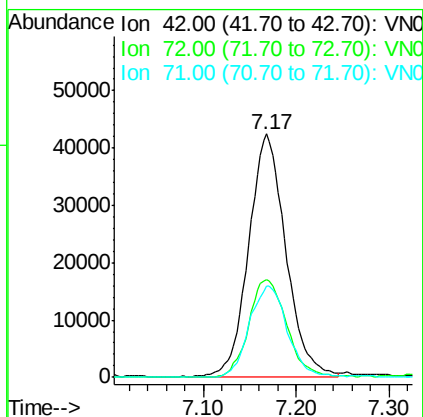
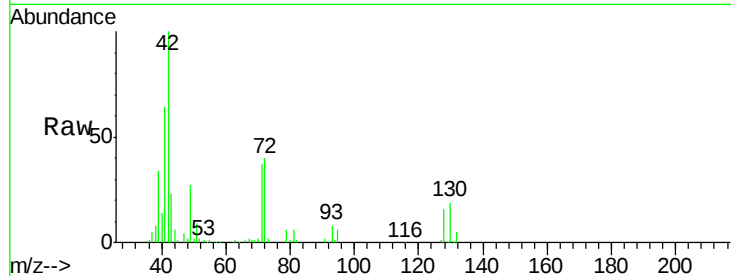
#29
Tetrahydrofuran
Concen: 85.711 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.1	48.1
71	38.7	31.2	46.8

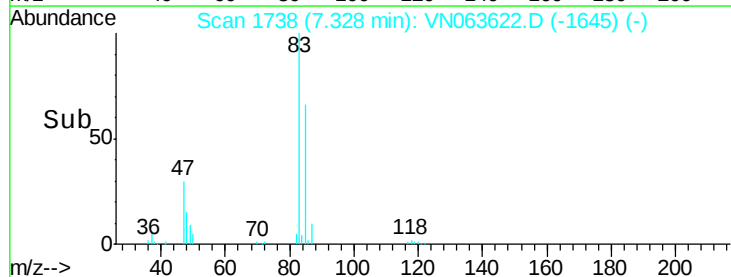
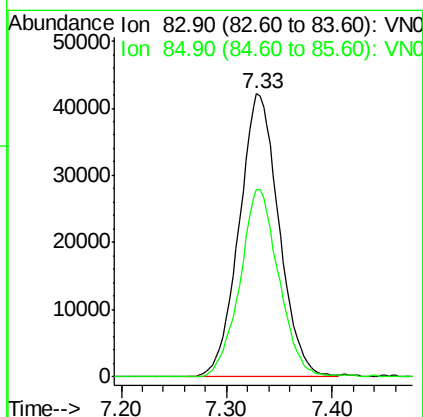
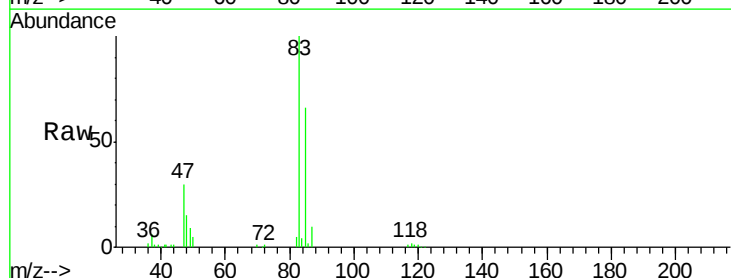
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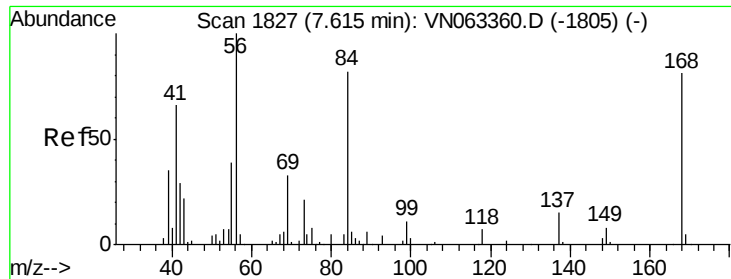
MMDadoda
9/28/2020 5:16:03 PM



#30
Chloroform
Concen: 18.621 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.1	78.1





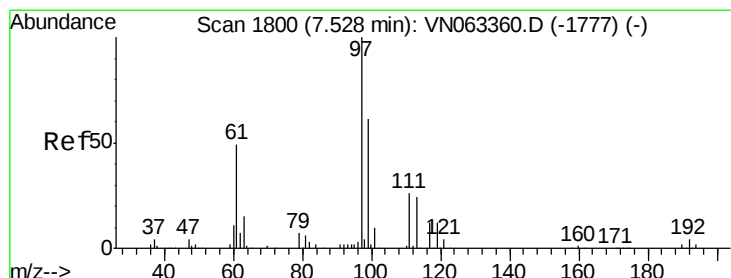
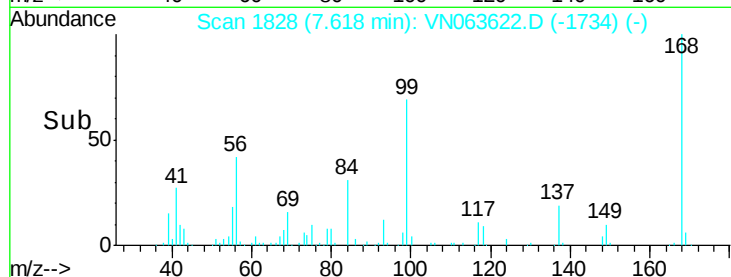
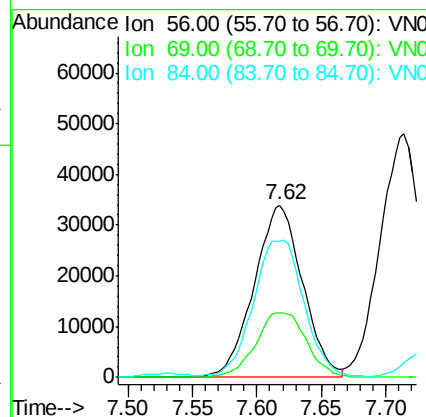
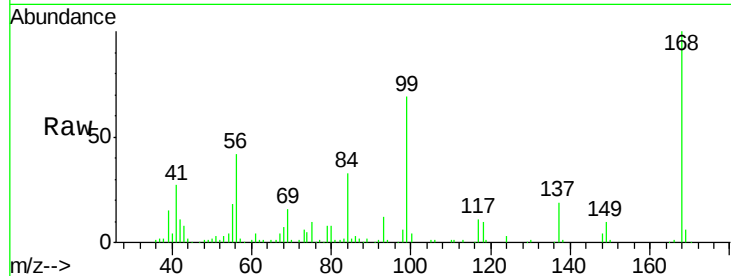
#31
Cyclohexane
Concen: 15.824 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	26.1	39.1
84	77.9	65.4	98.2

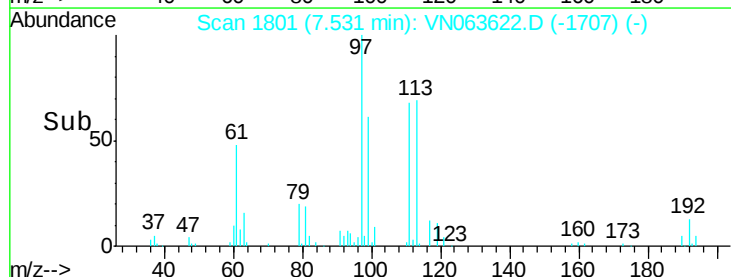
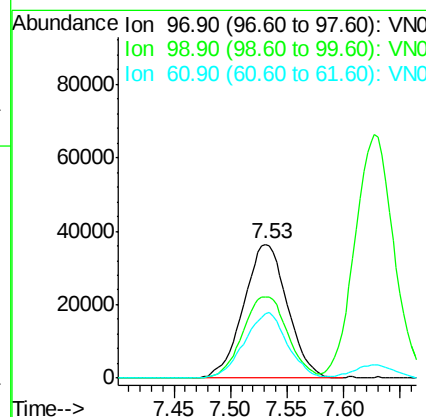
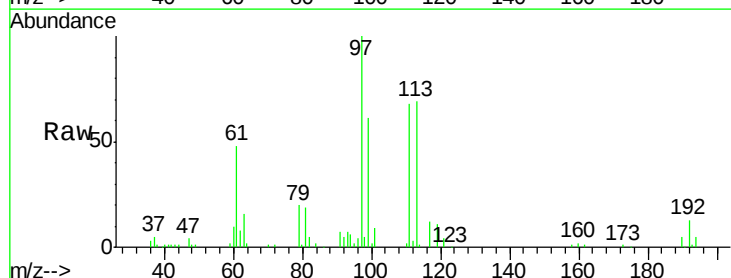
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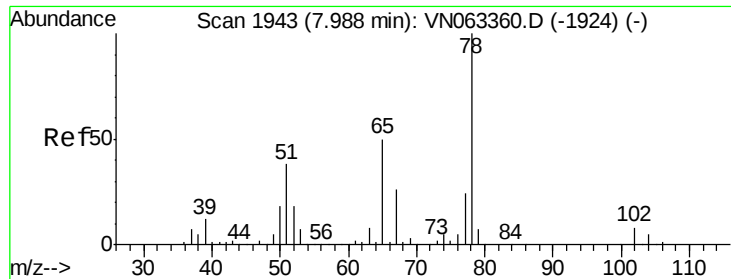
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.551 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.6	76.0
61	48.0	39.2	58.8





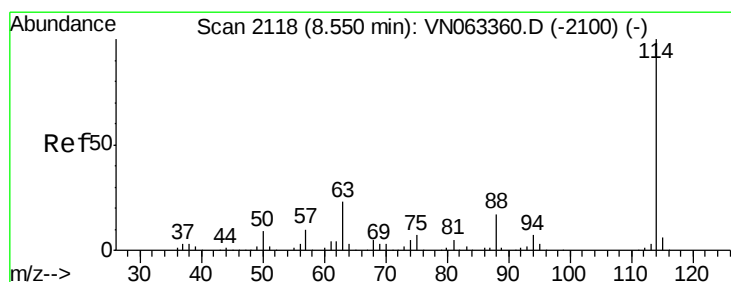
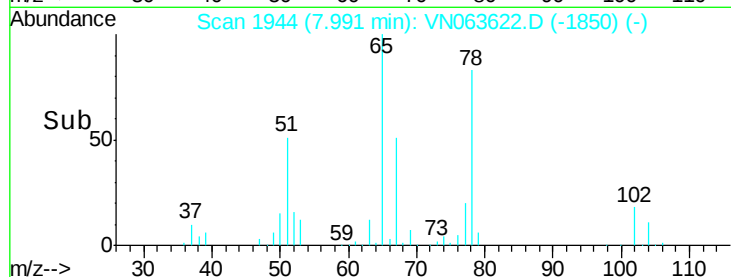
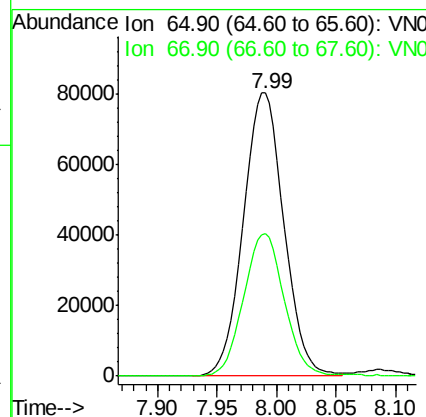
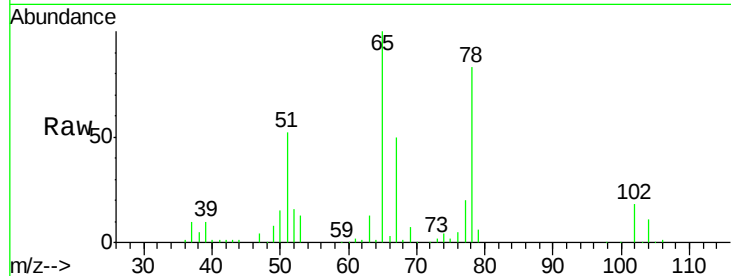
#33
 1,2-Dichloroethane-d4
 Concen: 46.851 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	190012		
67	50.5	0.0	104.2	

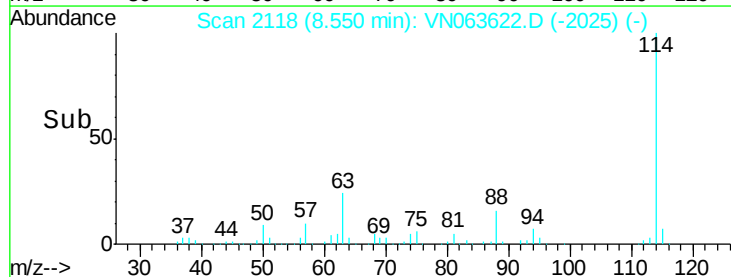
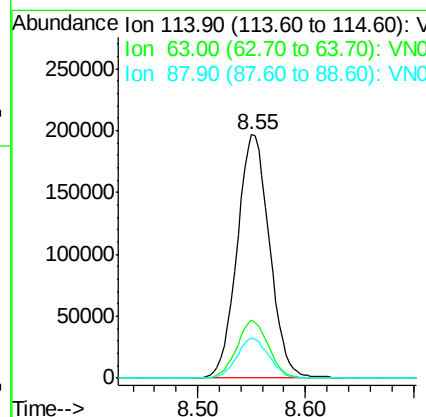
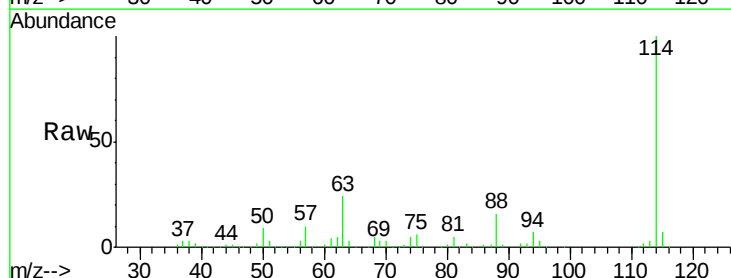
Manual Integrations
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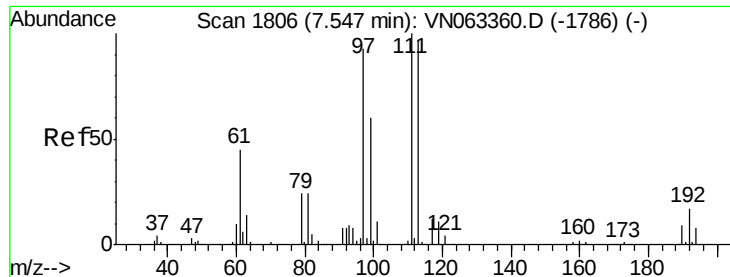
MMDadoda
 9/28/2020 5:16:03 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411942		
63	23.8	0.0	46.4	
88	16.4	0.0	33.2	





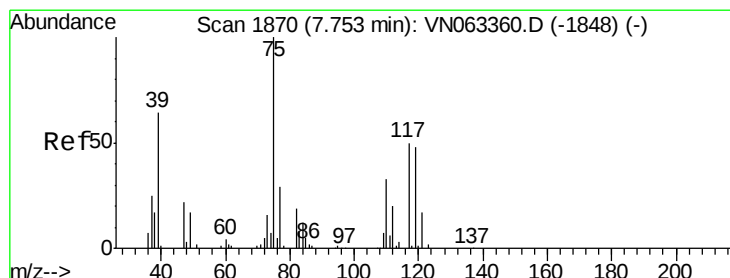
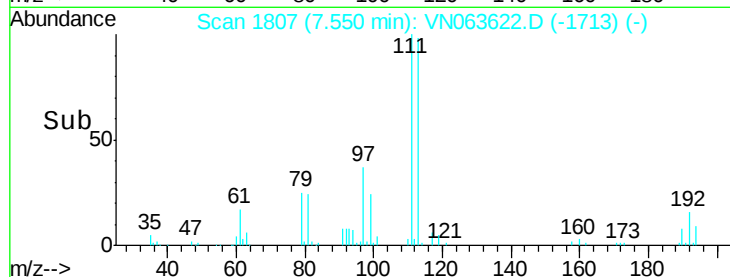
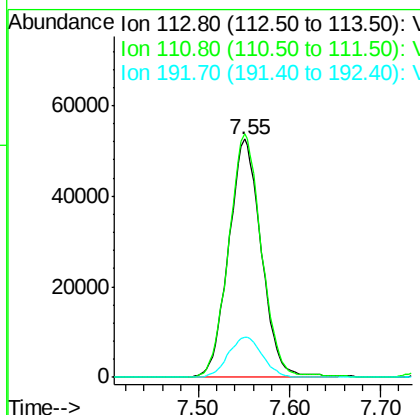
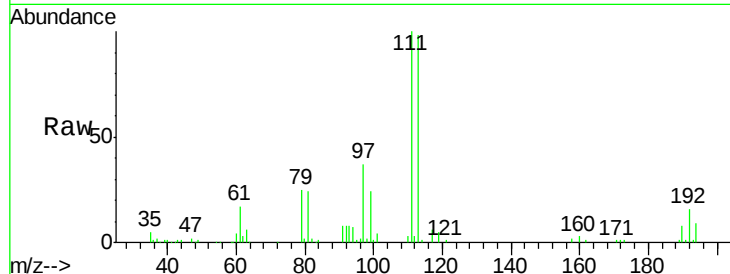
#35
 Dibromofluoromethane
 Concen: 46.067 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.7	82.9	124.3	
192	17.6	13.9	20.9	

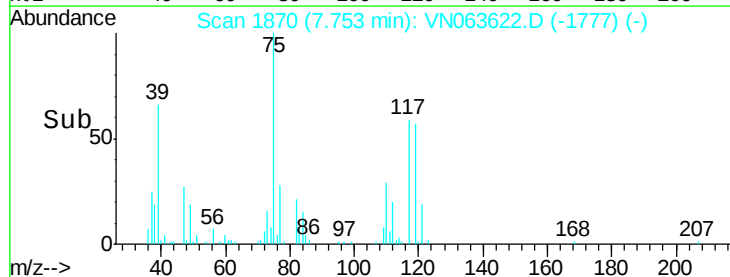
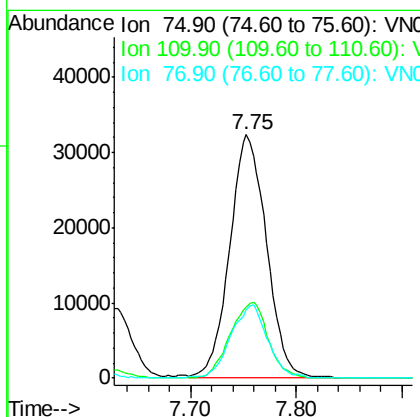
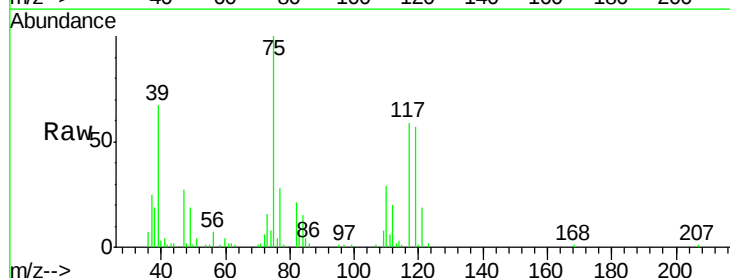
Manual Integrations
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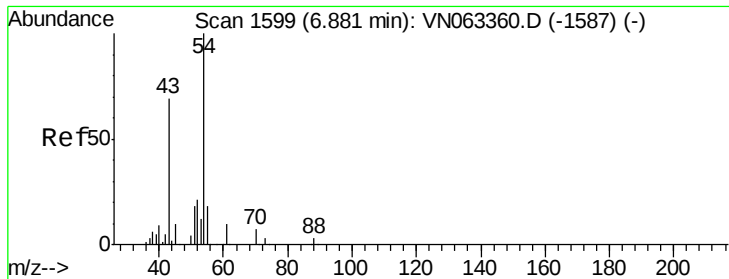
MMDadoda
 9/28/2020 5:16:03 PM



#36
 1,1-Dichloropropene
 Concen: 17.824 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.0	16.5	49.5	
77	30.1	24.6	36.8	





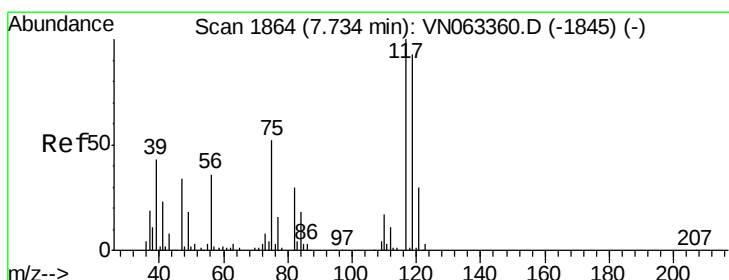
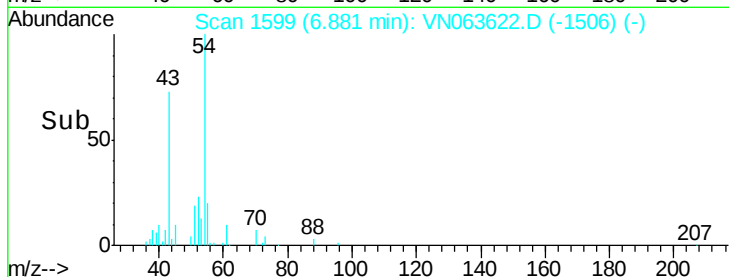
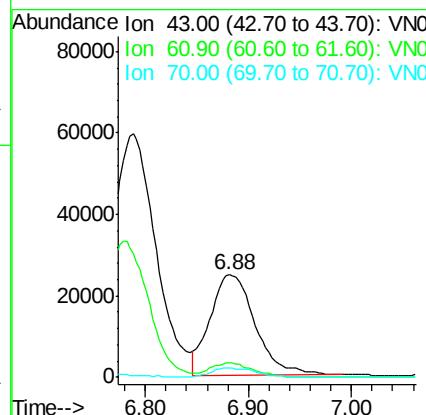
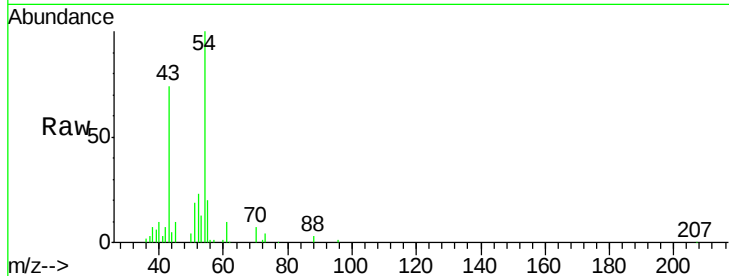
#37
Ethyl Acetate
Concen: 17.555 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	15.8
70	9.4	7.2	10.8

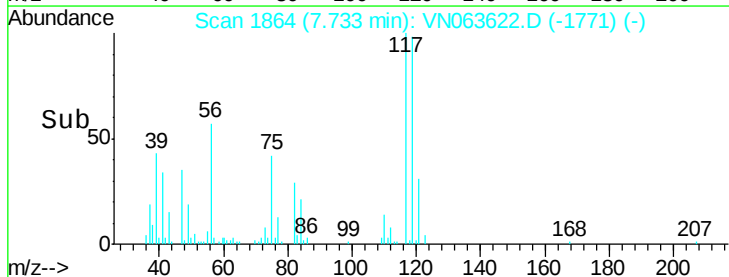
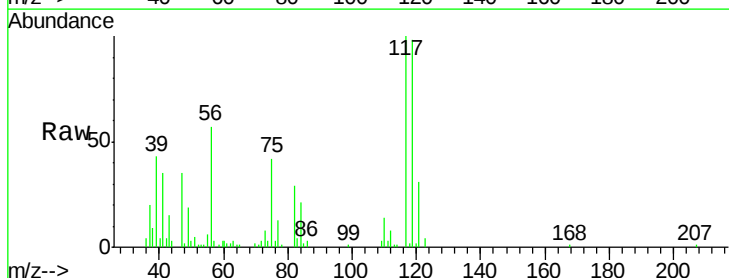
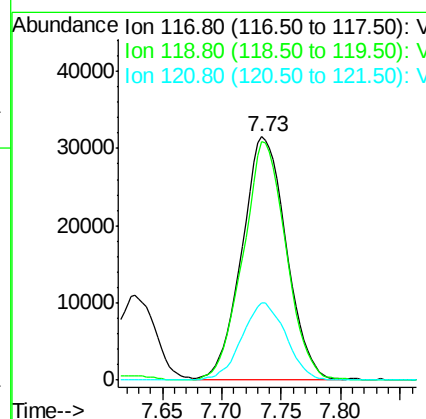
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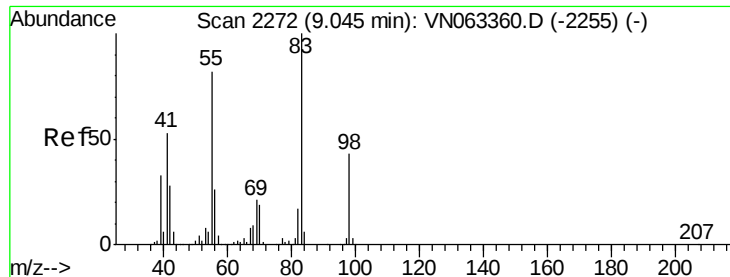
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.230 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.5	111.7
121	31.5	24.1	36.1





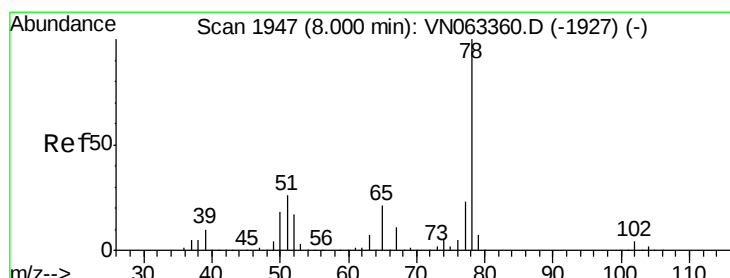
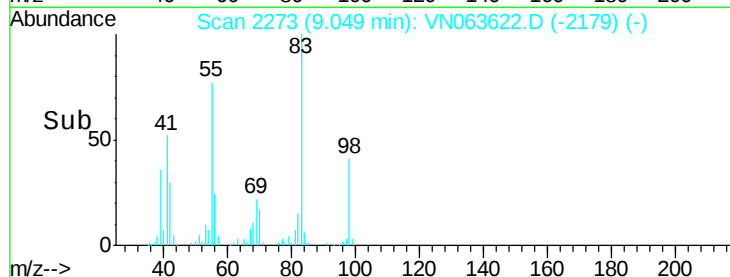
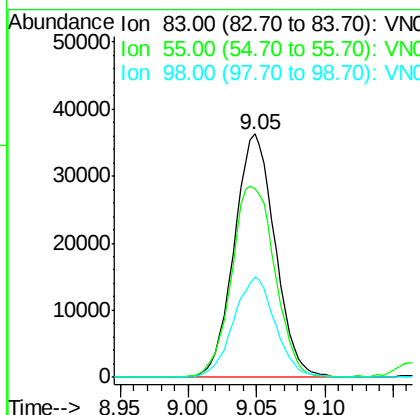
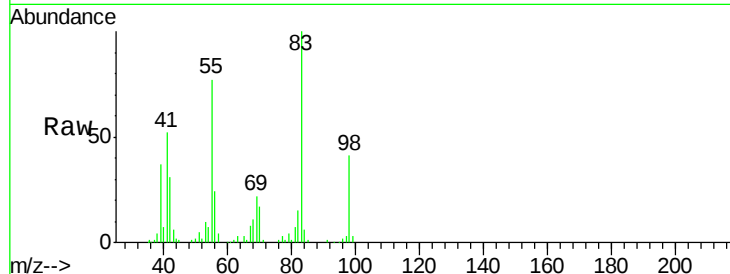
#39
Methvlcvclohexane
Concen: 15.805 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	65.5	98.3
98	41.0	34.2	51.4

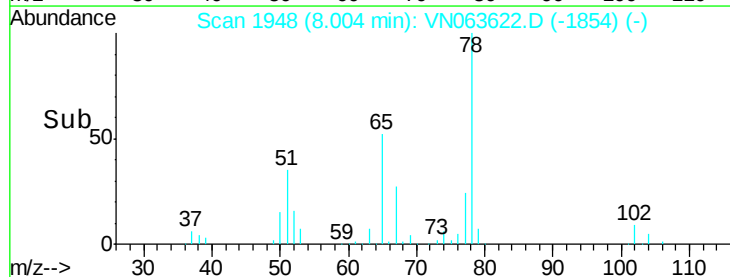
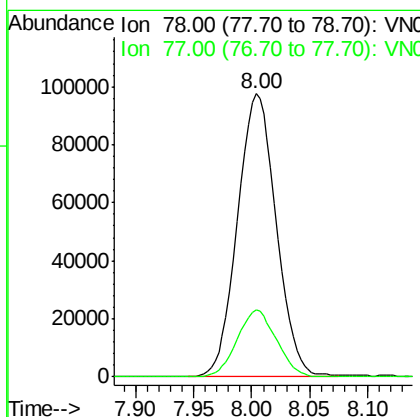
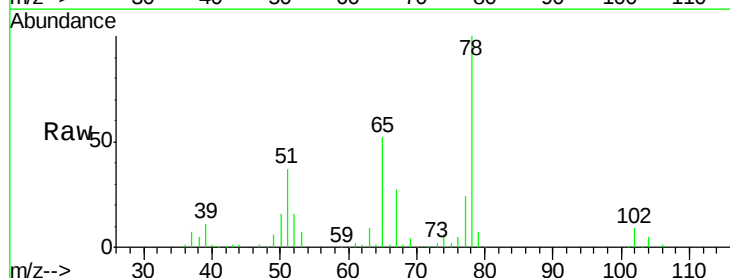
Manual Integrations
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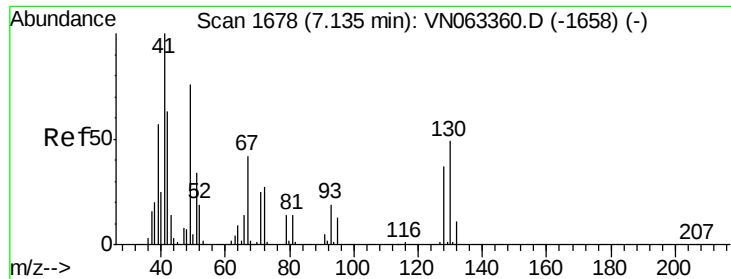
MMDadoda
9/28/2020 5:16:03 PM



#40
Benzene
Concen: 18.125 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5





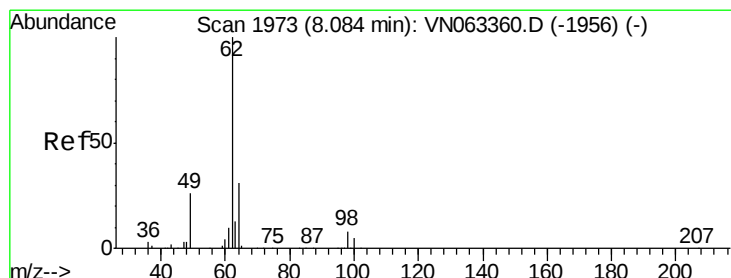
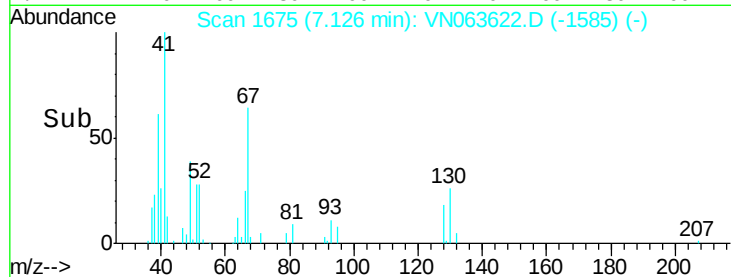
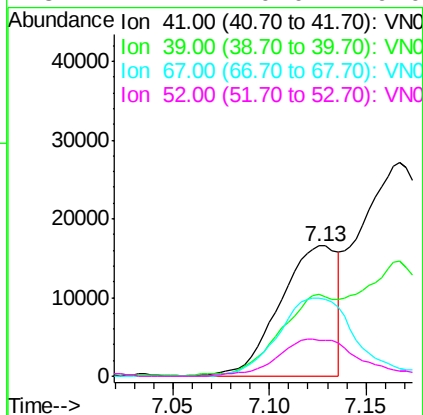
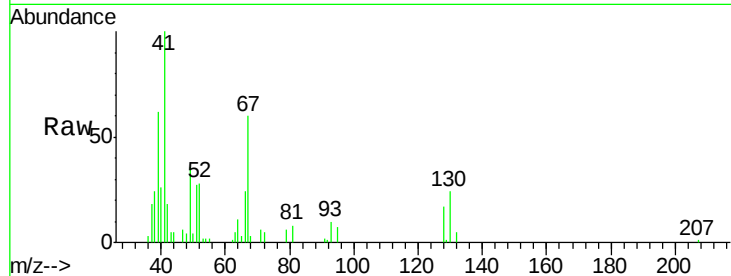
#41
Methacrylonitrile
Concen: 17.713 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		34315		
39	62.1	0.0	0.0#		
67	81.5	0.0	0.0#		
52	41.1	0.0	0.0#		

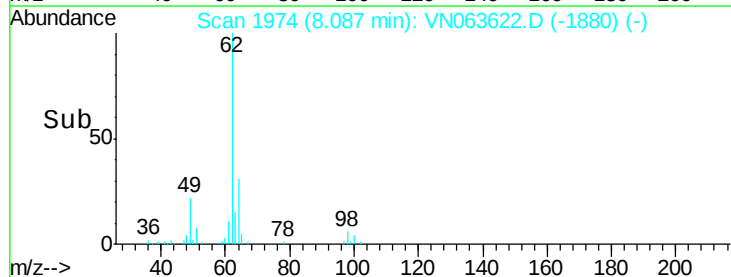
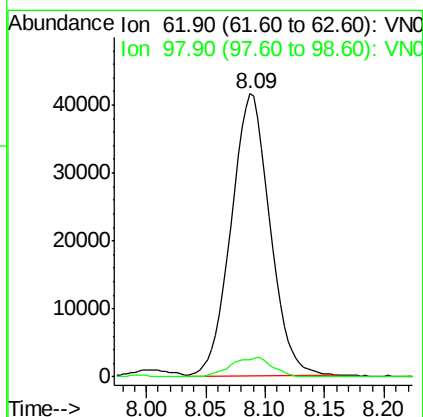
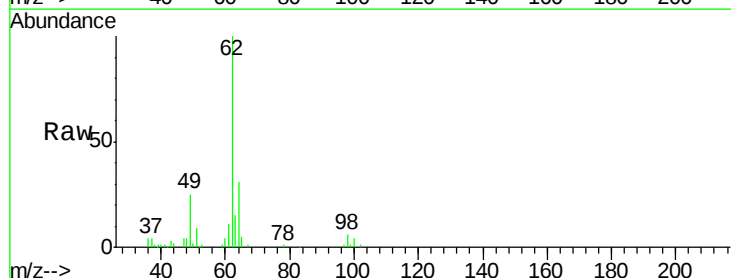
Manual Integrations
APPROVED

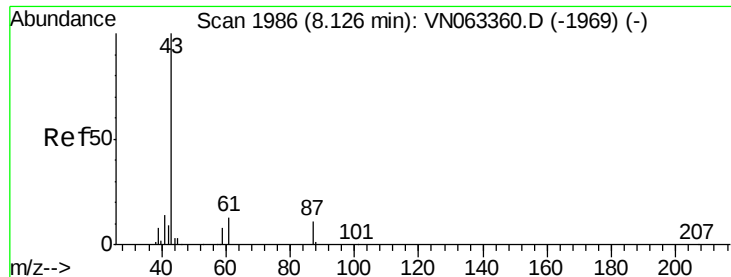
MMDadoda
9/28/2020 5:16:03 PM



#42
1,2-Dichloroethane
Concen: 18.602 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		93717		
98	7.3	0.0	15.6		





#43

Isopropyl Acetate

Concen: 17.159 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

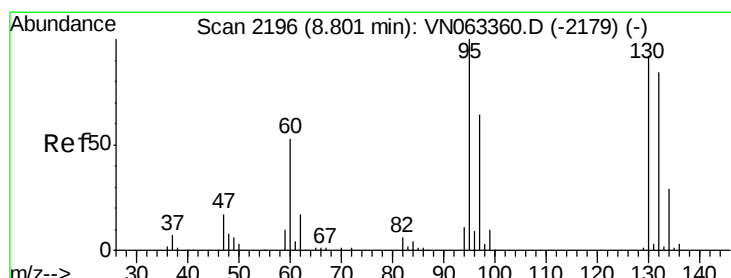
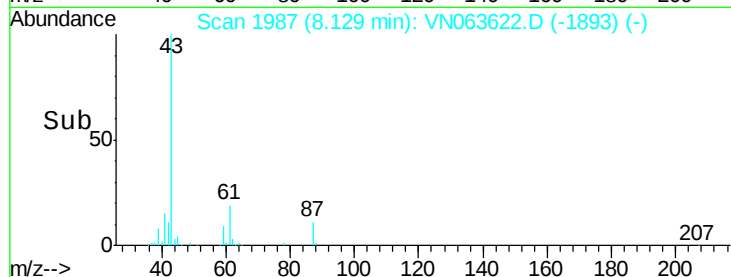
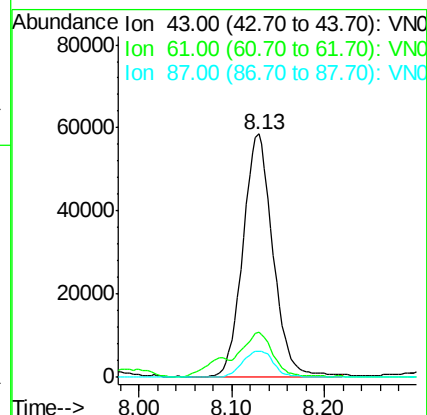
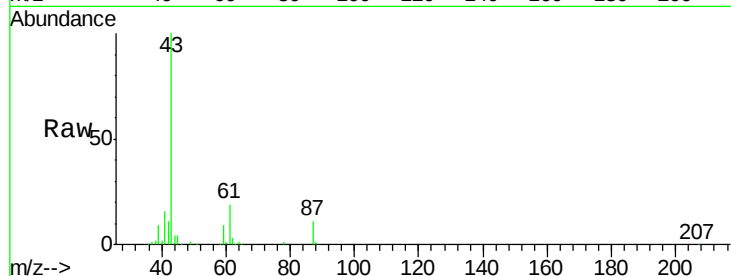
ClientSampleId :

VN0924WBS01

Tot Ion:	43	Resp:	132155
Ion Ratio		Lower	Upper
43	100		
61	17.9	14.2	21.2
87	11.2	9.0	13.6

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#44

Trichloroethene

Concen: 18.581 ug/l

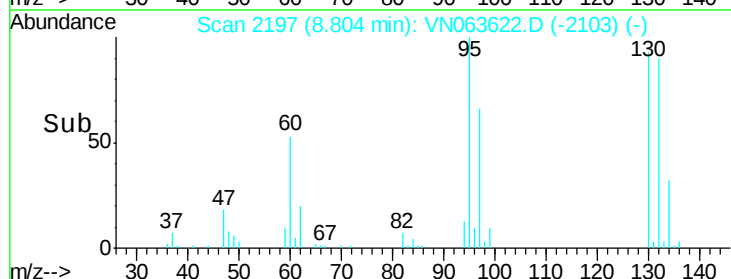
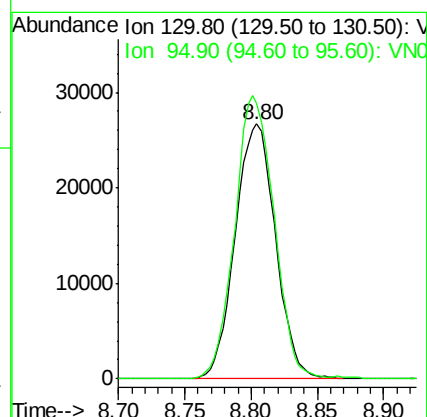
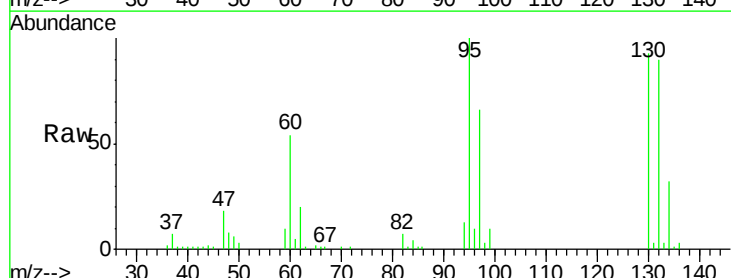
RT: 8.80 min Scan# 2197

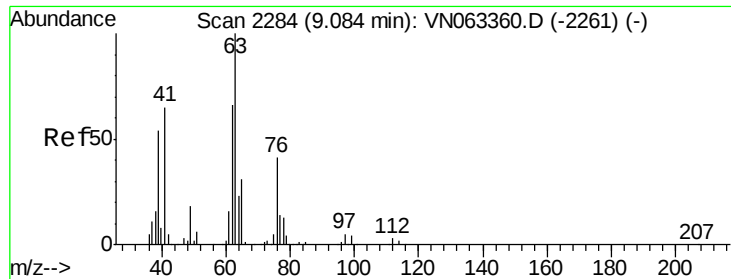
Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Tgt Ion:	130	Resp:	56460
Ion Ratio		Lower	Upper
130	100		
95	107.9	0.0	217.4





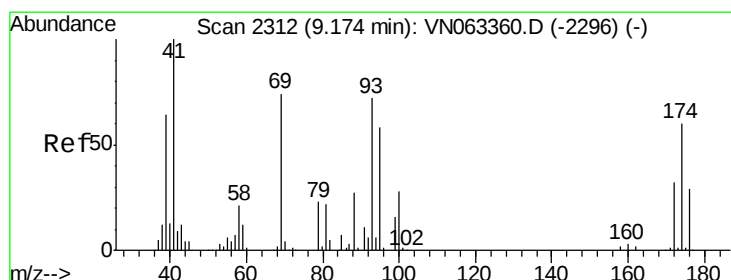
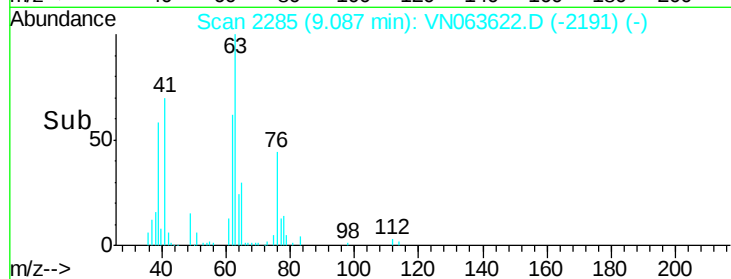
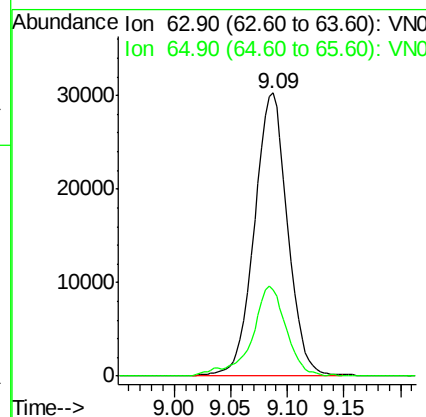
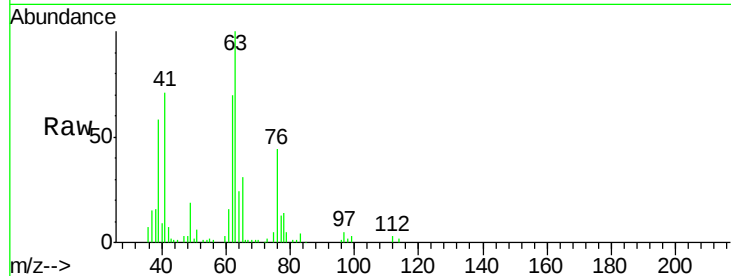
#45
 1,2-Dichloropropane
 Concen: 18.116 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion: 63 Resp: 61812
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.6

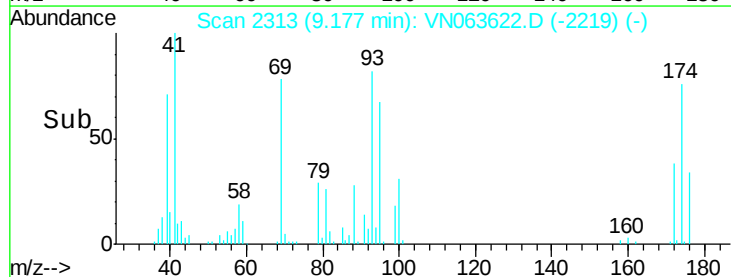
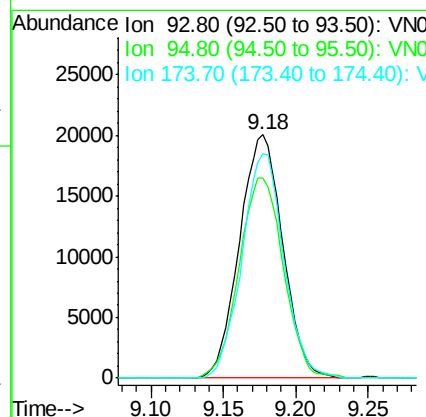
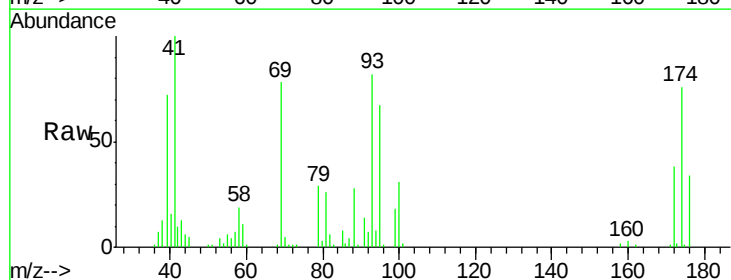
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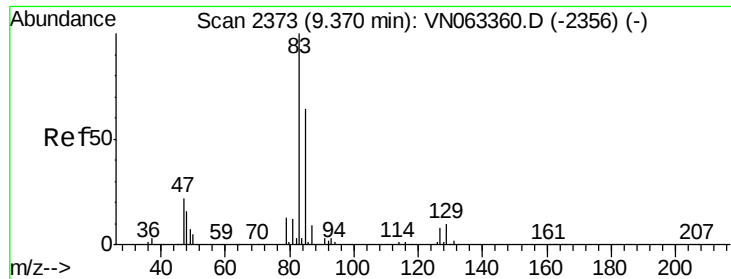
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#46
 Dibromomethane
 Concen: 18.574 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion: 93 Resp: 41654
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.6 98.4
 174 89.3 68.1 102.1





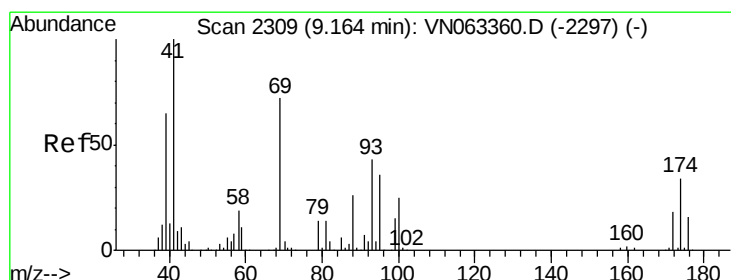
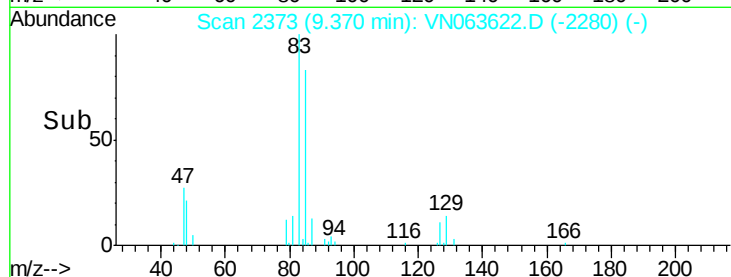
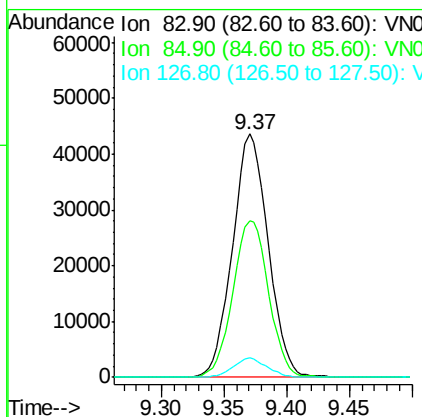
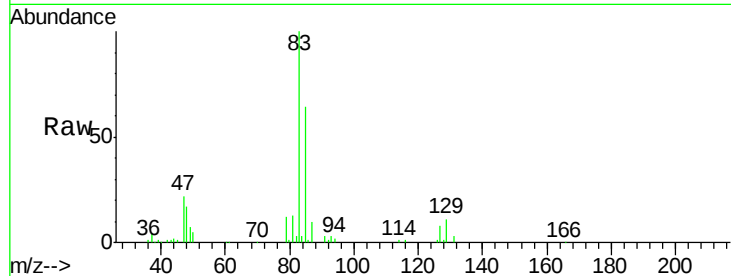
#47
Bromodichloromethane
Concen: 18.520 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	83	Resp	86285
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	51.0	76.6
127	8.2	6.3	9.5

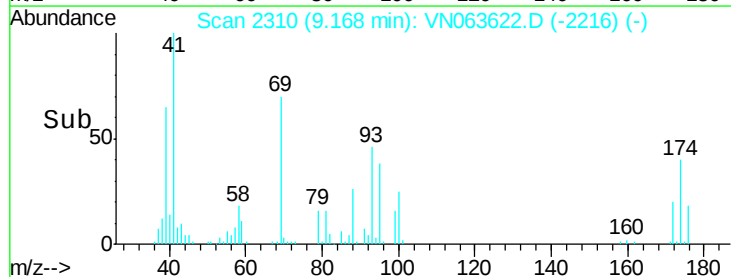
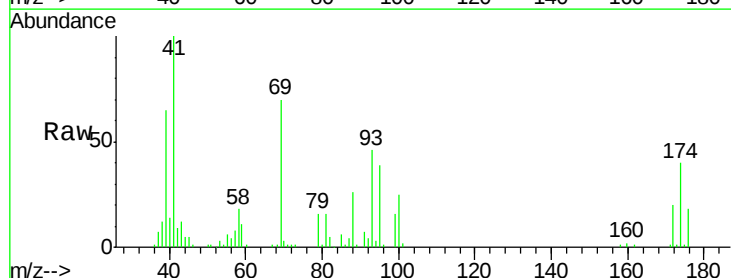
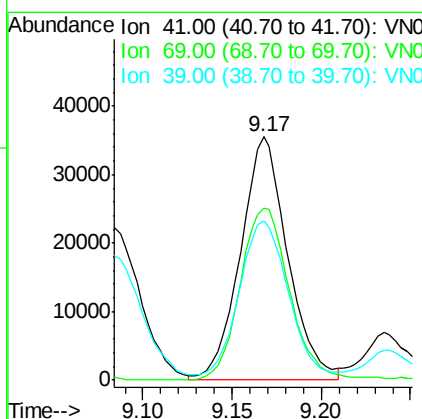
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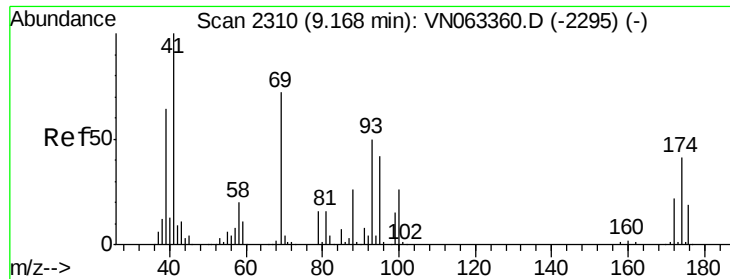
MMDadoda
9/28/2020 5:16:03 PM



#48
Methyl methacrylate
Concen: 17.311 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	41	Resp	65504
Ion Ratio	100	Lower	Upper
41	100		
69	75.0	59.3	88.9
39	68.3	52.9	79.3





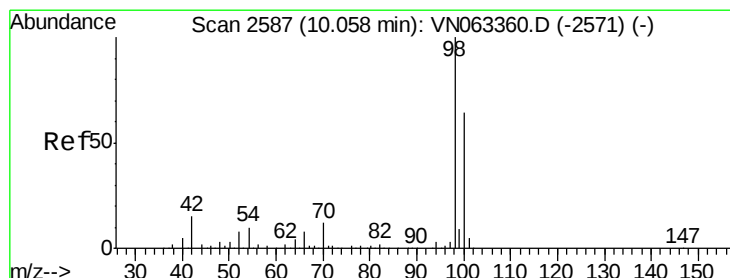
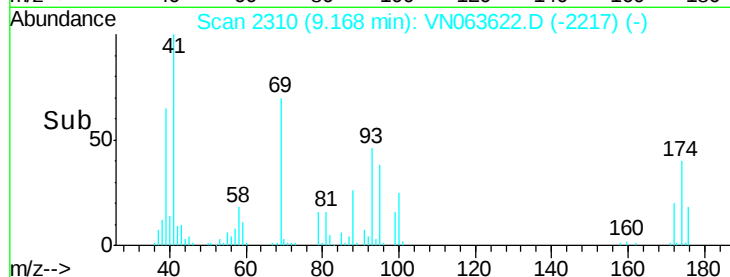
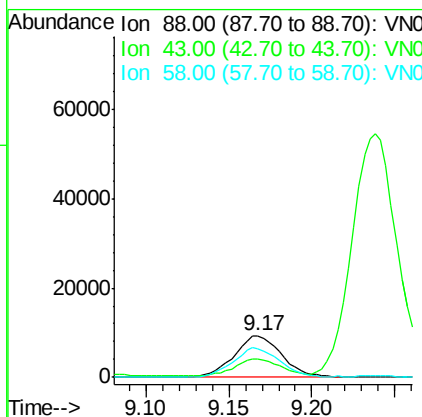
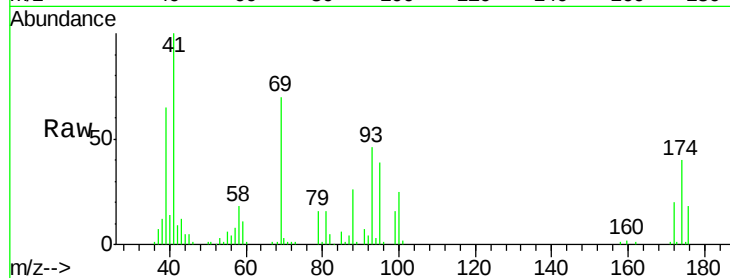
#49
1,4-Dioxane
Concen: 340.943 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	18514		
43	40.0	32.6	49.0	
58	69.6	60.0	90.0	

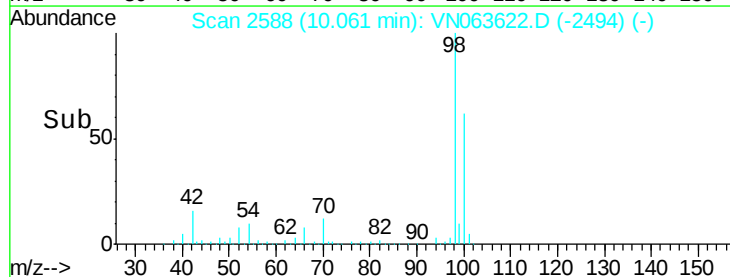
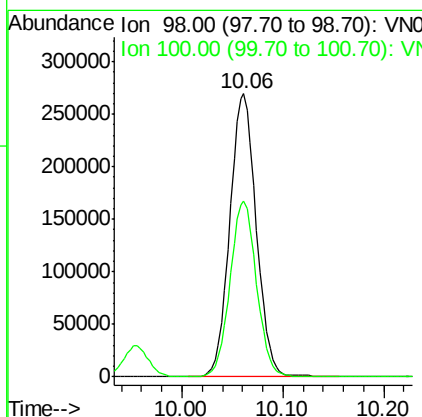
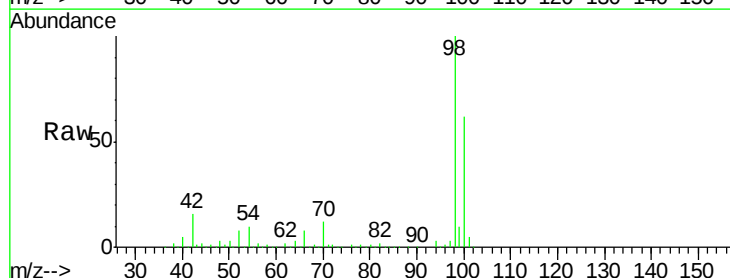
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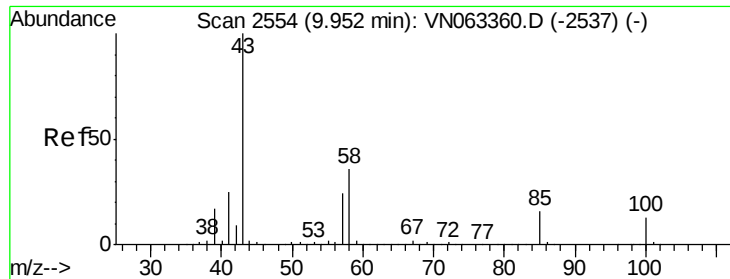
MMDadoda
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#50
Toluene-d8
Concen: 45.876 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	491944		
100	62.1	50.7	76.1	





#51

4-Methyl-2-Pentanone

Concen: 91.518 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS01

Tot Ion: 43 Resp: 394605

Ion Ratio Lower Upper

43 100

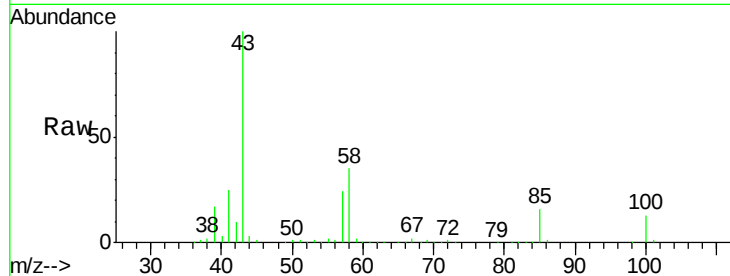
58 35.9 29.0 43.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

200000

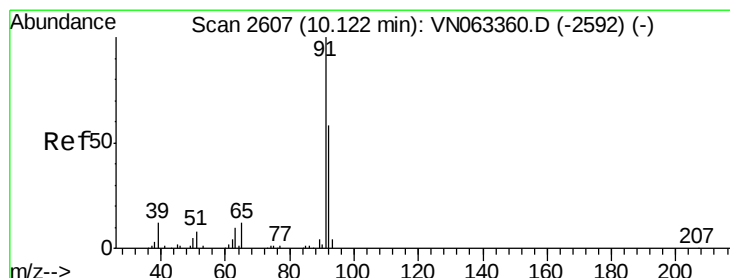
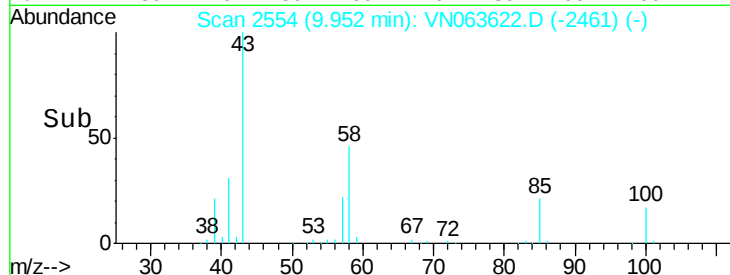
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.696 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063622.D

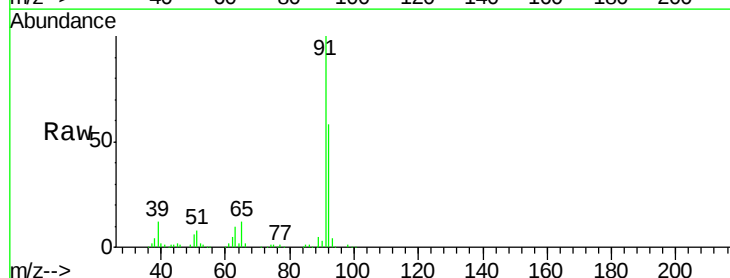
Acq: 24 Sep 2020 12:36

Tgt Ion: 92 Resp: 140823

Ion Ratio Lower Upper

92 100

91 172.5 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

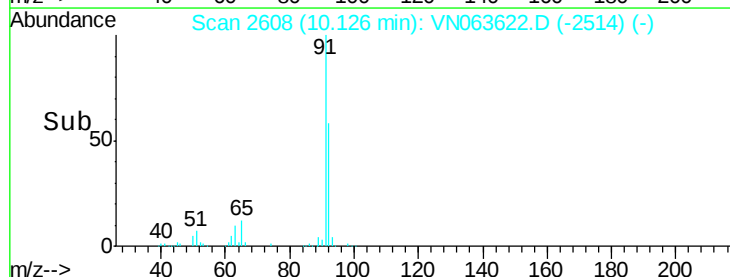
150000

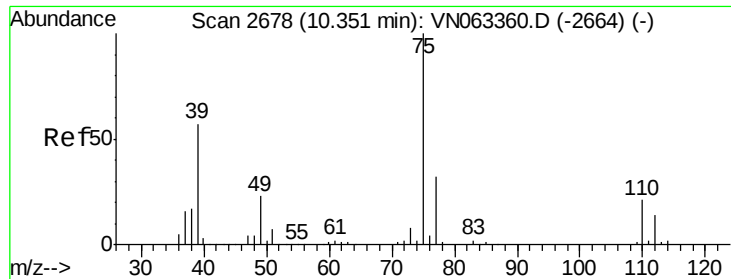
100000

50000

0

Time-->





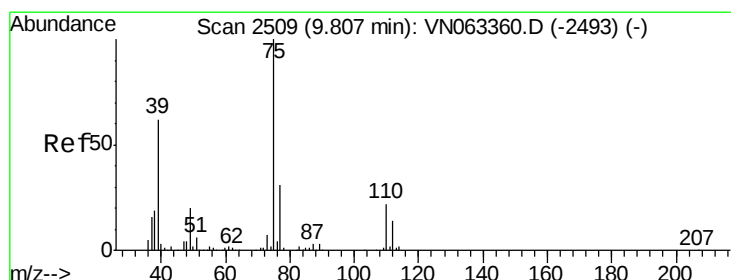
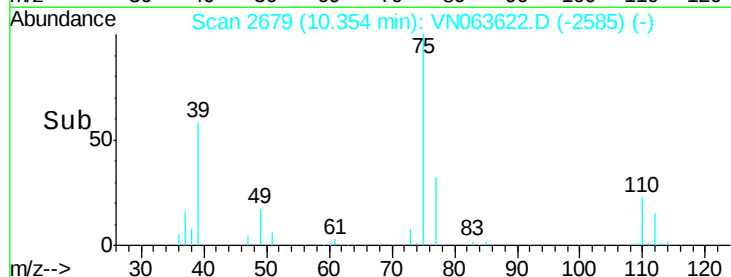
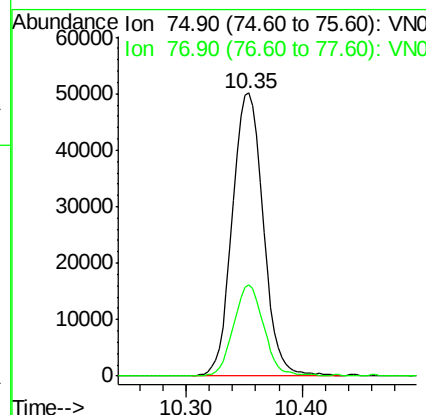
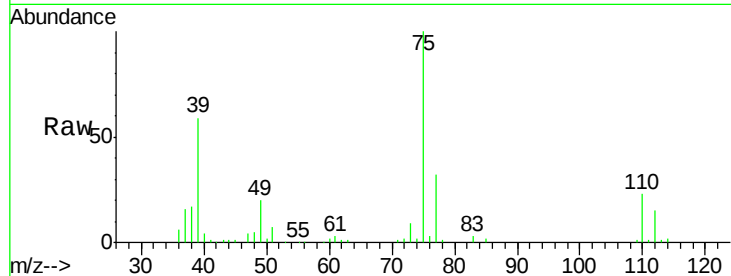
#53
 t-1,3-Dichloropropene
 Concen: 17.796 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBS01

Tot Ion: 75 Resp: 92561
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2

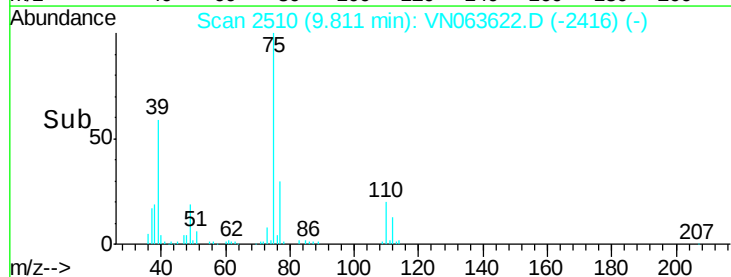
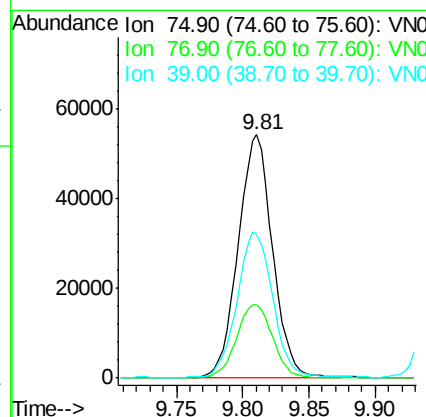
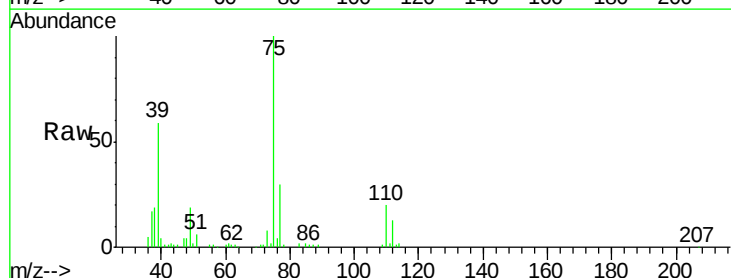
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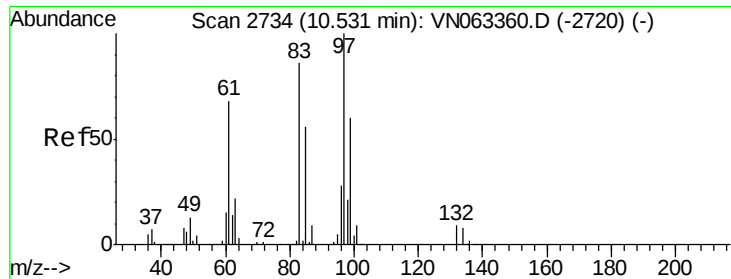
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 9/28/2020 5:16:03 PM



#54
 cis-1,3-Dichloropropene
 Concen: 17.812 ug/l
 RT: 9.81 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion: 75 Resp: 97720
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 37.0
 39 58.7 49.8 74.8





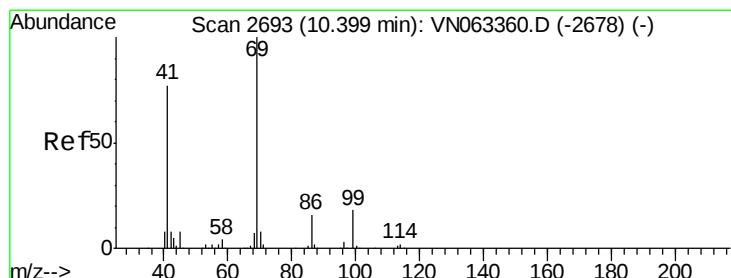
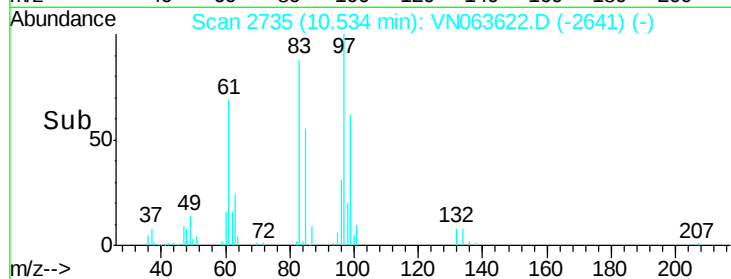
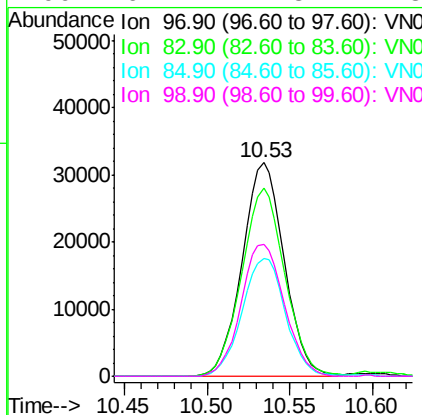
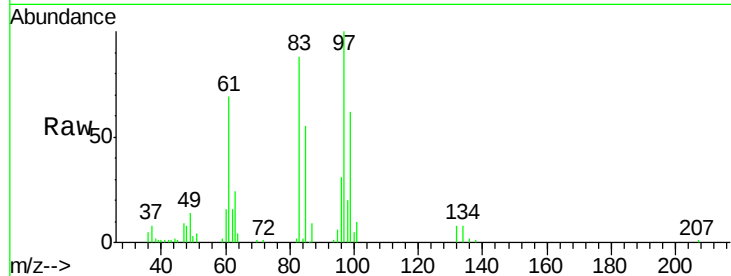
#55
 1,1,2-Trichloroethane
 Concen: 18.744 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion:	97	Resp:	56078
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.9	103.3
85	55.4	44.8	67.2
99	61.7	47.8	71.8

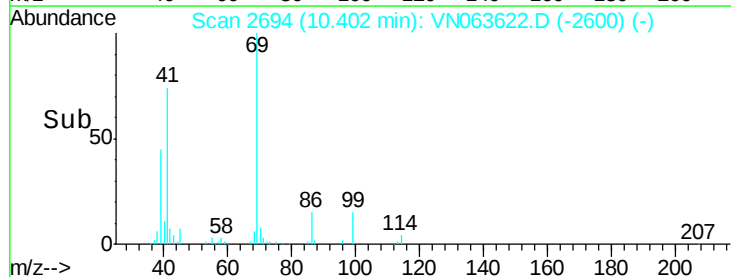
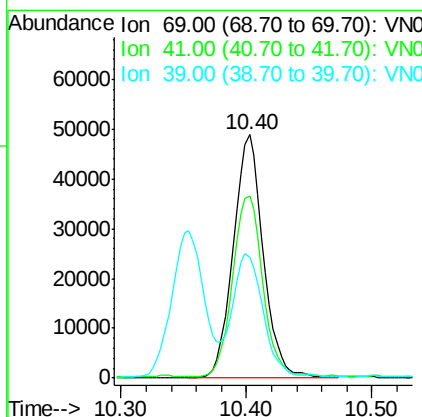
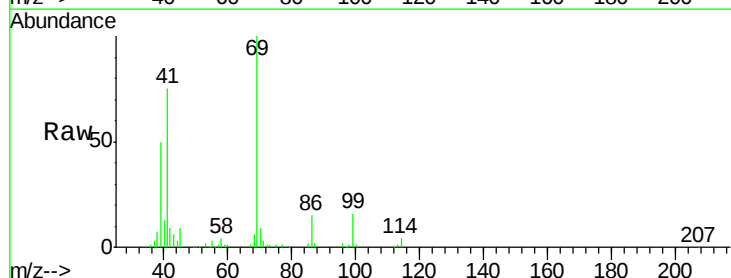
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#56
 Ethyl methacrylate
 Concen: 17.419 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion:	69	Resp:	81359
Ion	Ratio	Lower	Upper
69	100		
41	75.2	61.0	91.6
39	52.3	39.2	58.8





#57

1,3-Dichloropropane

Concen: 18.134 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 76 Resp: 97838

Ion Ratio Lower Upper

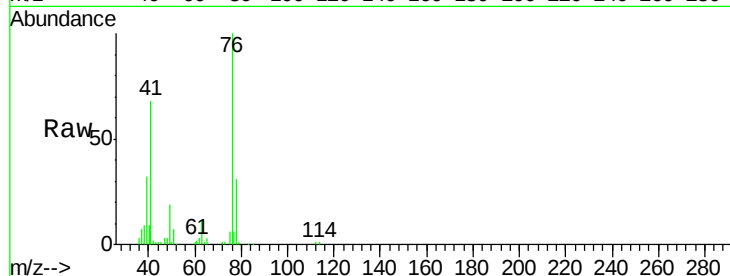
76 100

78 32.5 25.8 38.8

Manual Integrations
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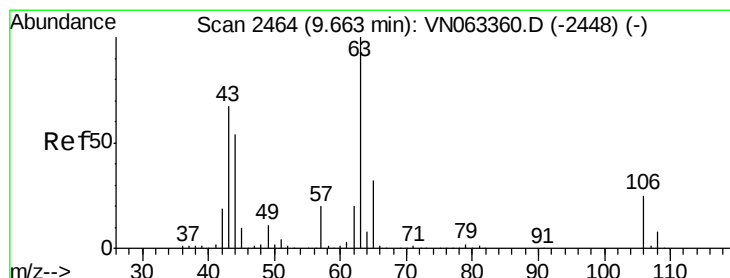
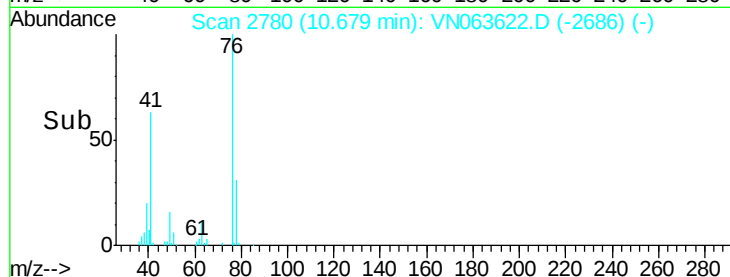
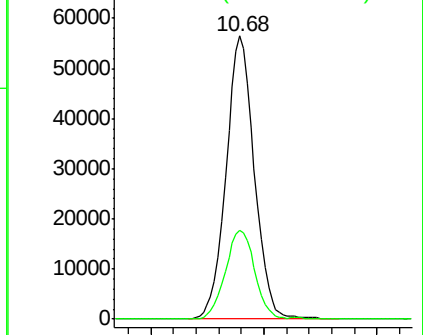
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 84.204 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063622.D

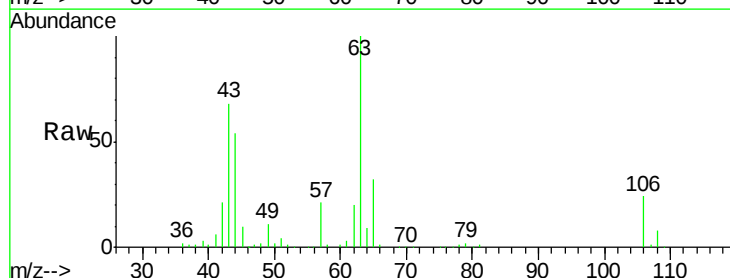
Acq: 24 Sep 2020 12:36

Tgt Ion: 63 Resp: 206311

Ion Ratio Lower Upper

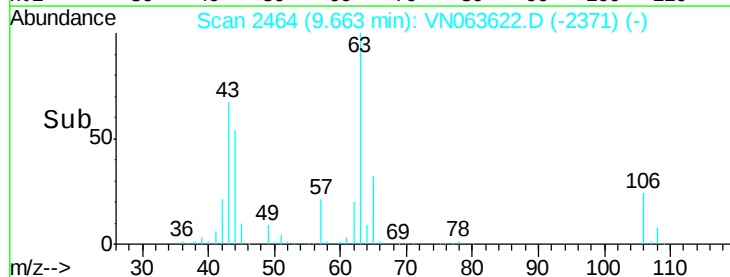
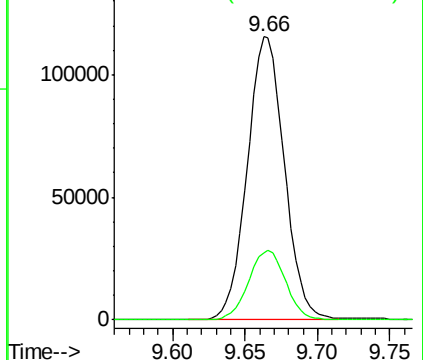
63 100

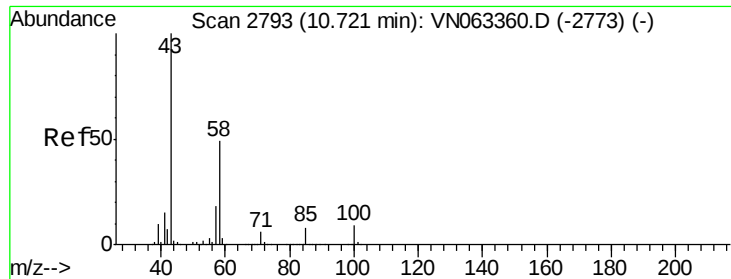
106 24.6 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





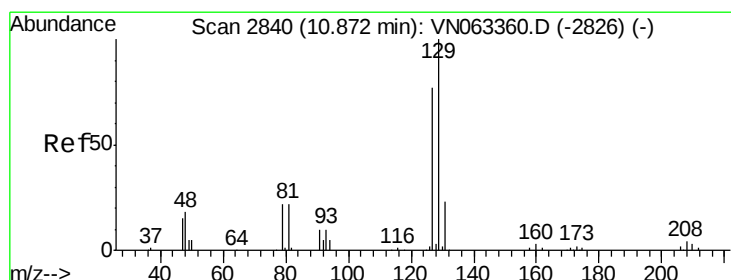
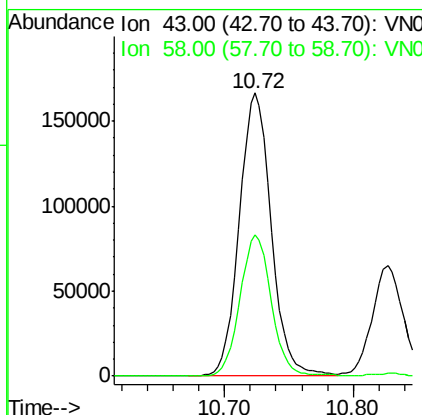
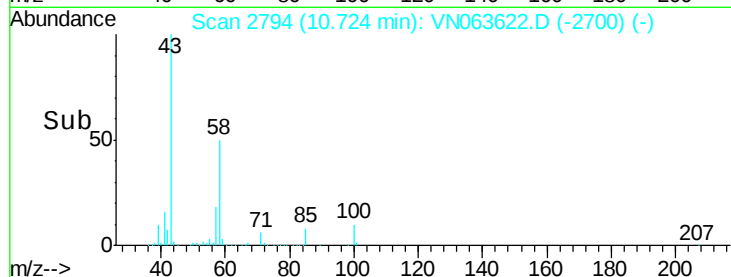
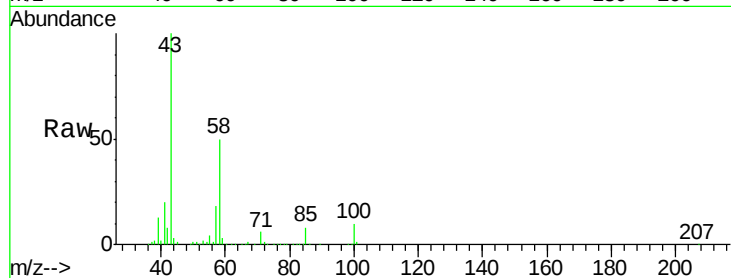
#59
2-Hexanone
Concen: 91.431 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion: 43 Resp: 285607
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1

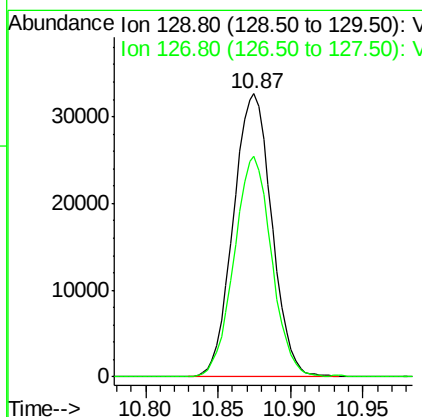
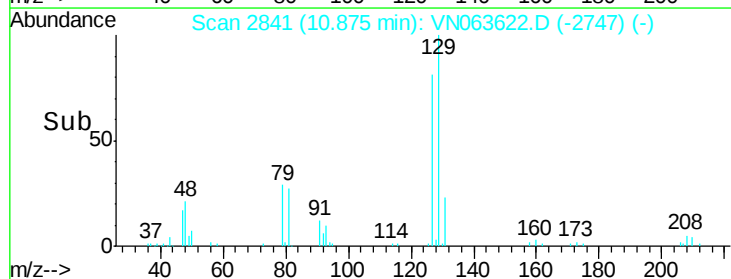
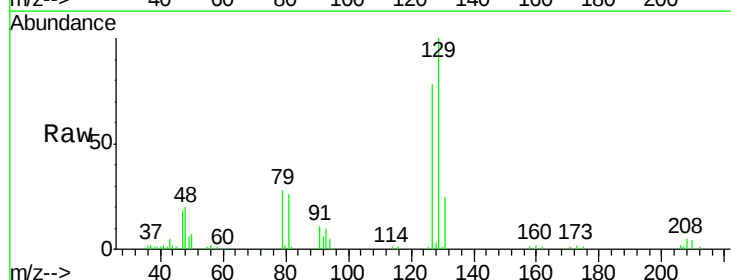
Manual Integrations
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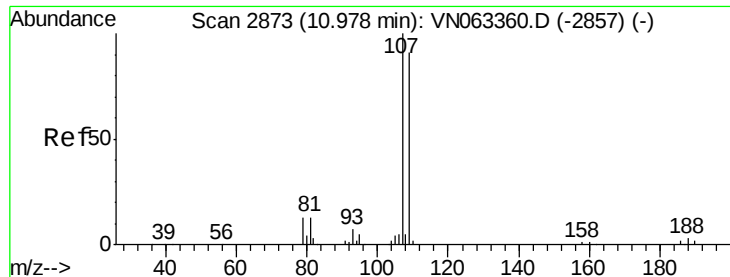
MMDadoda
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#60
Dibromochloromethane
Concen: 17.798 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion: 129 Resp: 60157
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.3





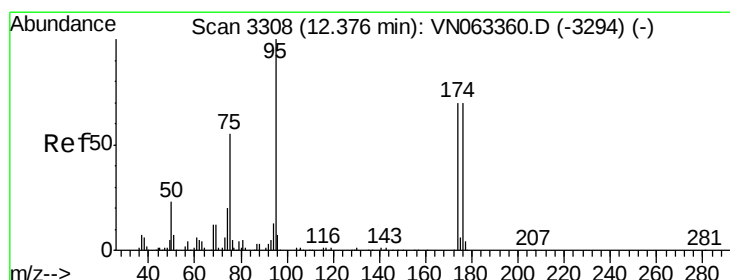
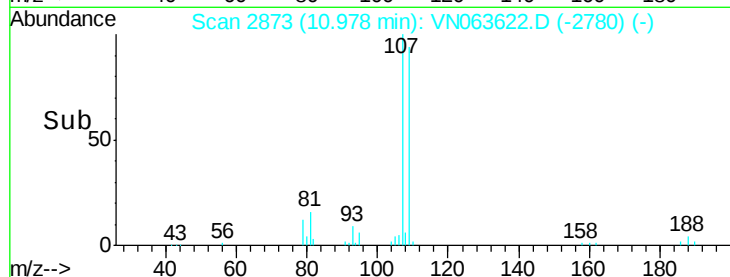
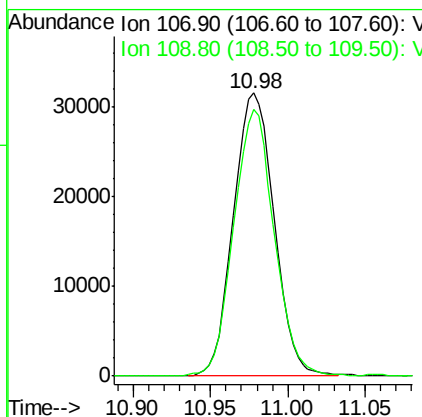
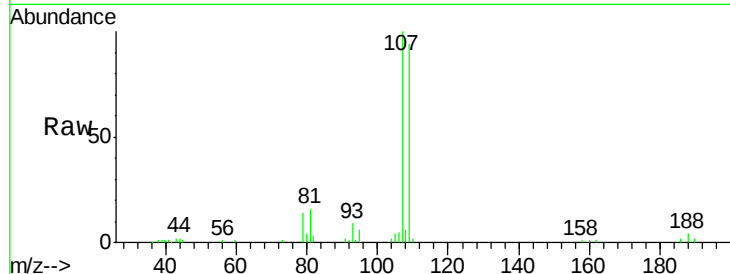
#61
 1,2-Dibromoethane
 Concen: 18.617 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.6	111.8

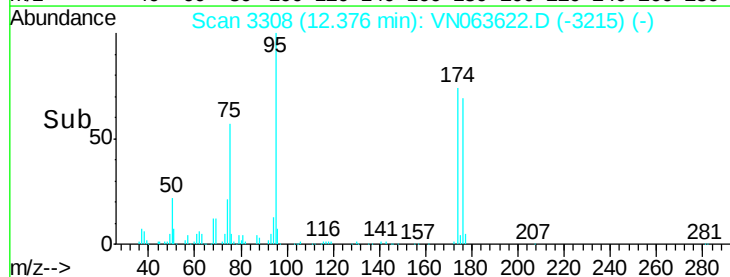
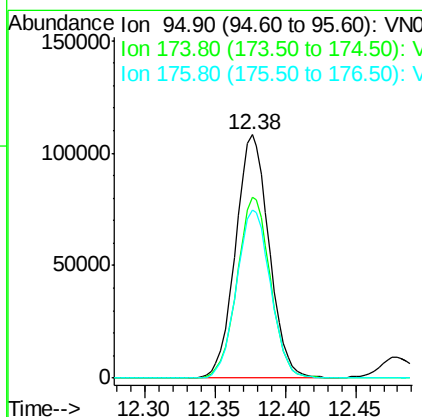
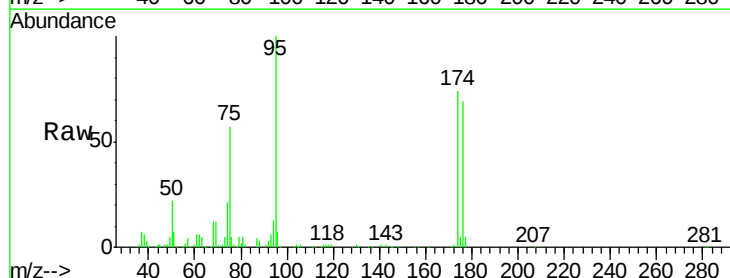
Manual Integrations
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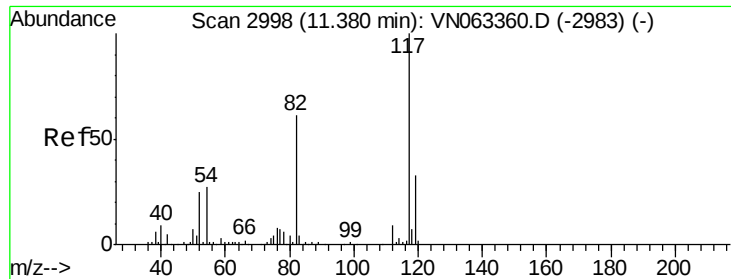
MMDadoda
 9/28/2020 5:16:03 PM



#62
 4-Bromofluorobenzene
 Concen: 46.001 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	140.8
176	70.0	0.0	137.6





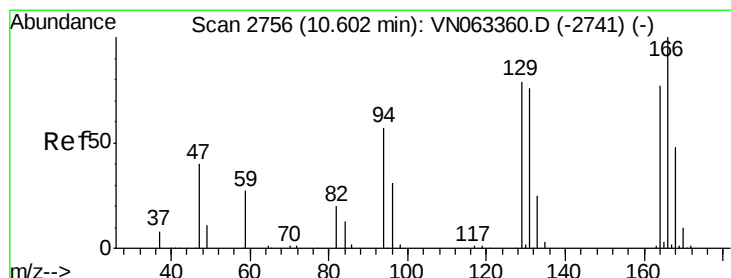
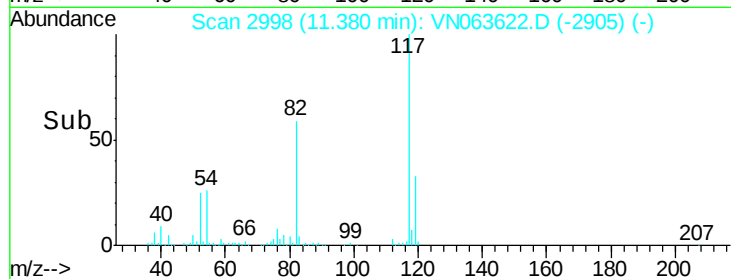
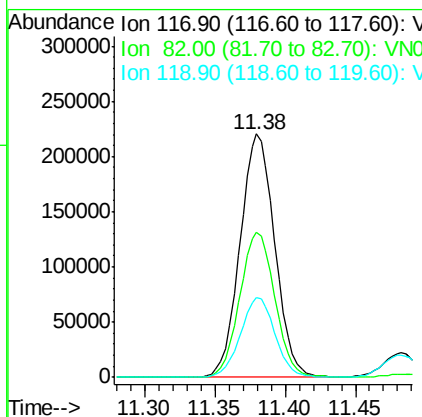
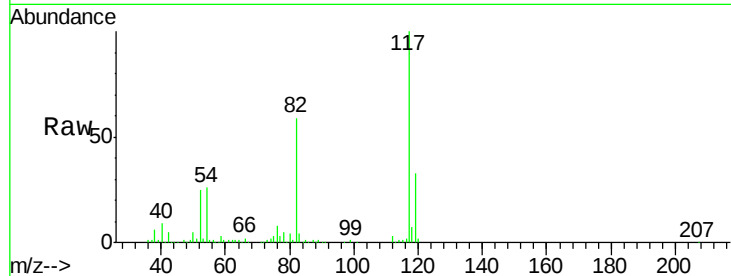
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	380589		
82	59.4		49.2	73.8
119	32.7		26.2	39.4

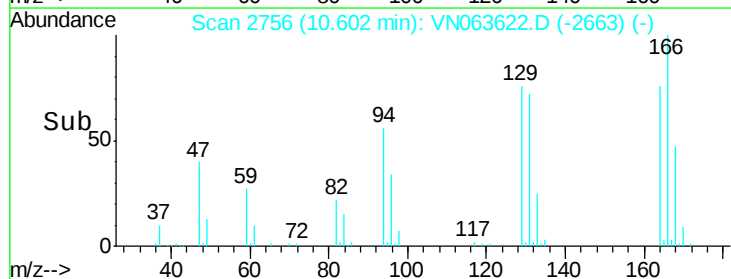
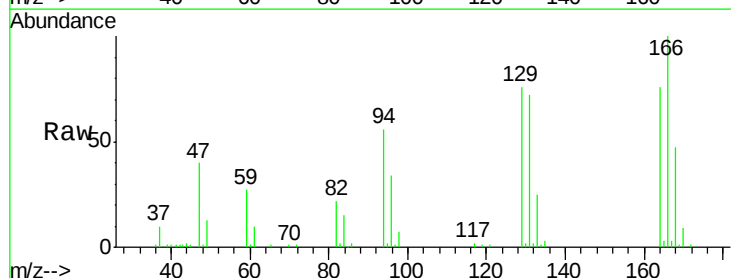
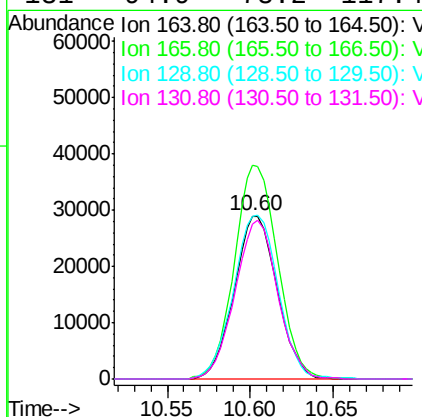
Manual Integrations
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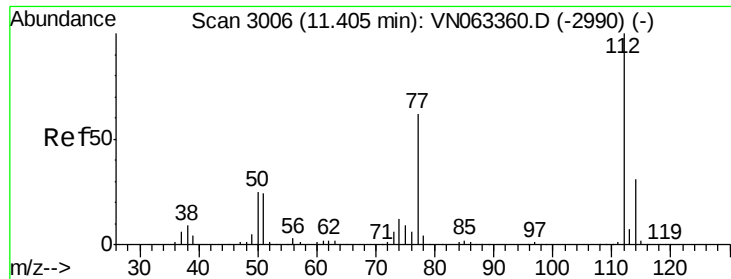
MMDadoda
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#64
Tetrachloroethene
Concen: 20.067 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	52004		
166	130.9		103.4	155.0
129	99.7		81.8	122.6
131	94.9		78.2	117.4





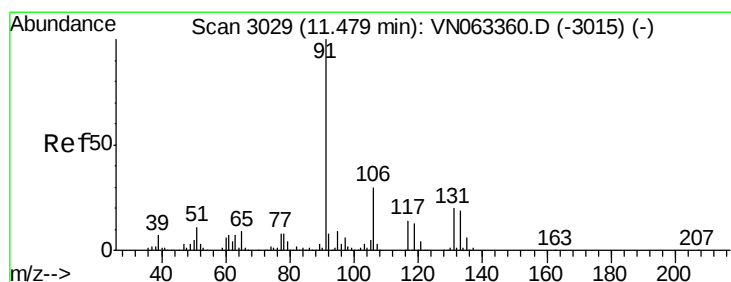
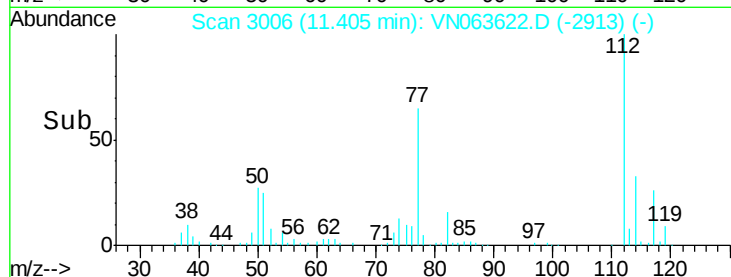
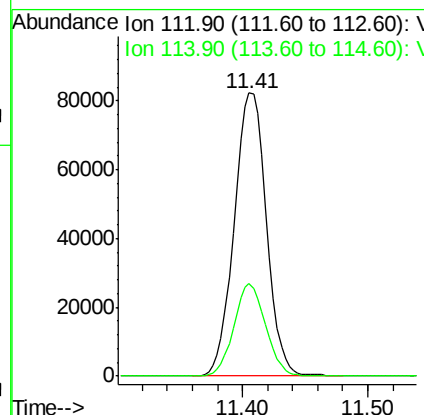
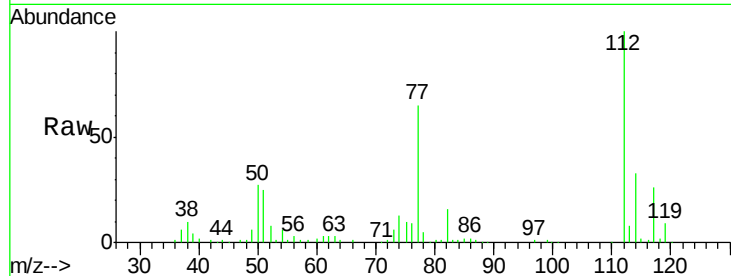
#65
Chlorobenzene
Concen: 18.180 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion:112 Resp: 146877
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.6

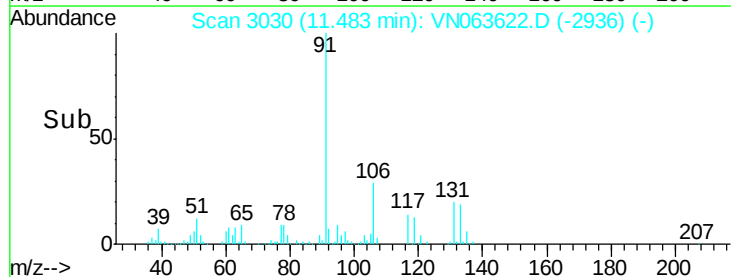
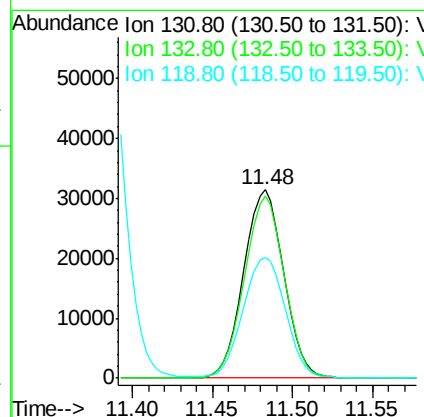
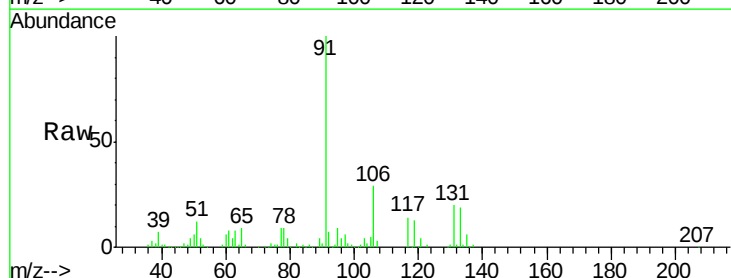
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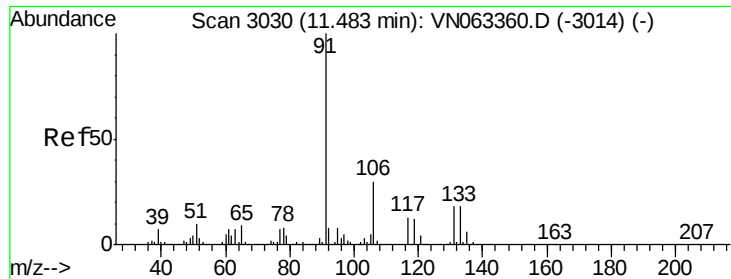
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.203 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion:131 Resp: 53907
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.9
119 68.0 33.6 100.8





#67

Ethyl Benzene

Concen: 17.609 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 91 Resp: 267908

Ion Ratio Lower Upper

91 100

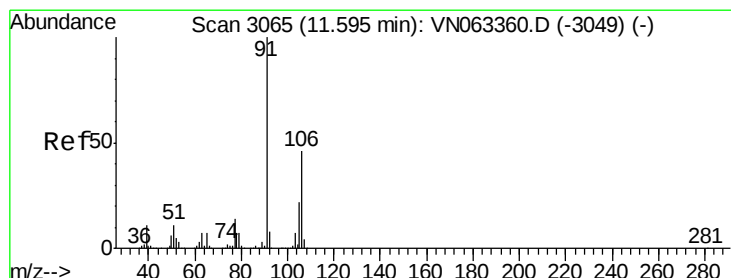
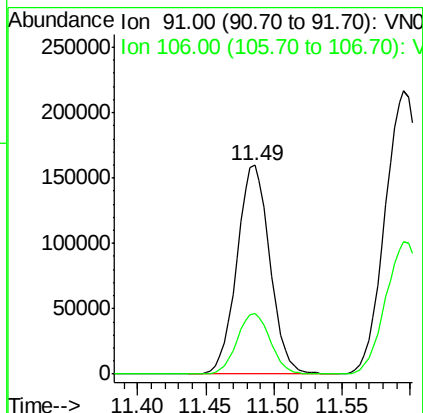
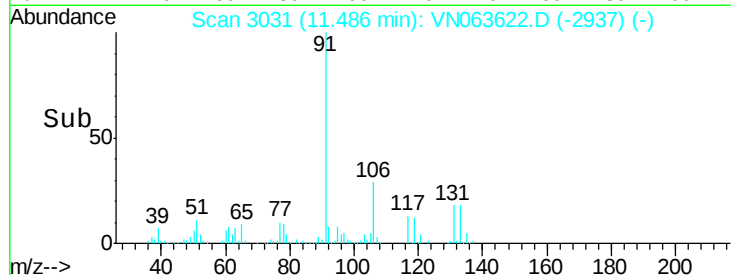
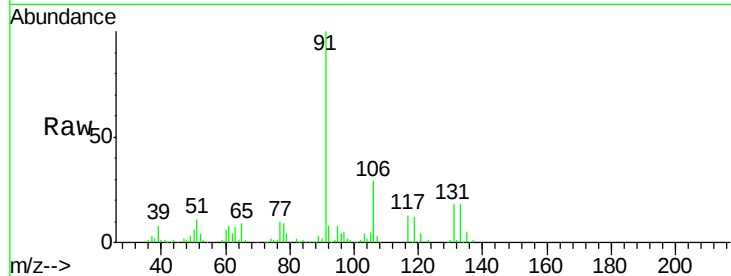
106 29.0 23.8 35.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 35.584 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063622.D

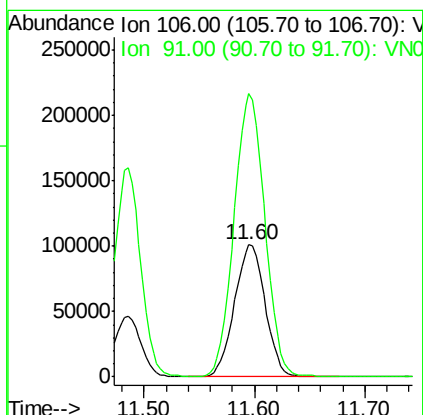
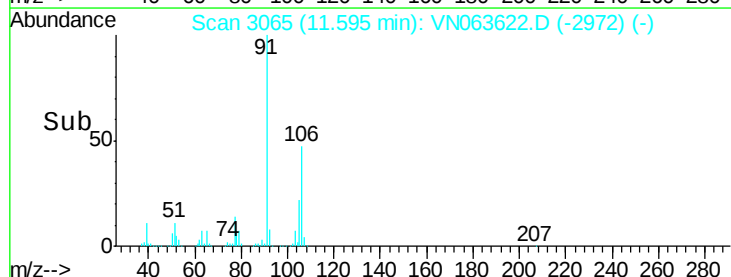
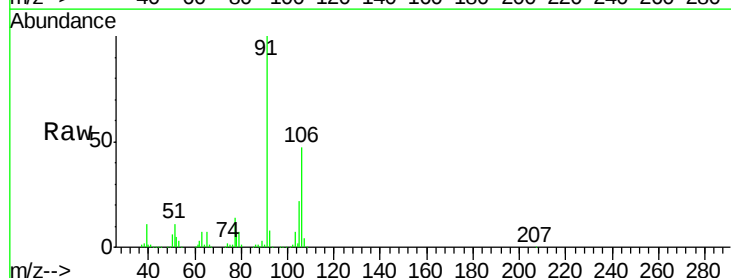
Acq: 24 Sep 2020 12:36

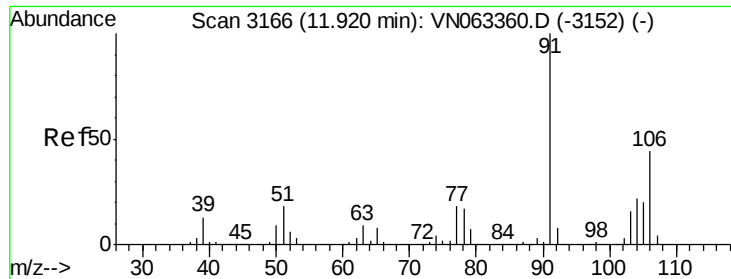
Tgt Ion: 106 Resp: 195190

Ion Ratio Lower Upper

106 100

91 213.7 171.2 256.8





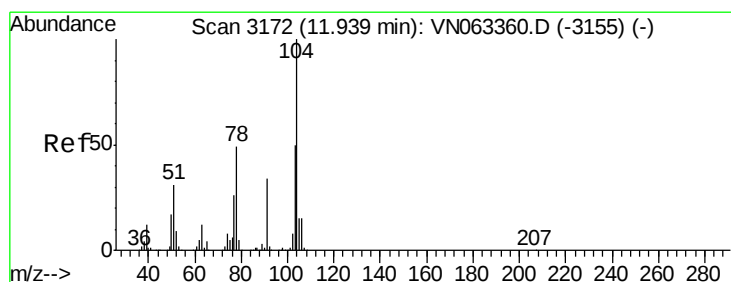
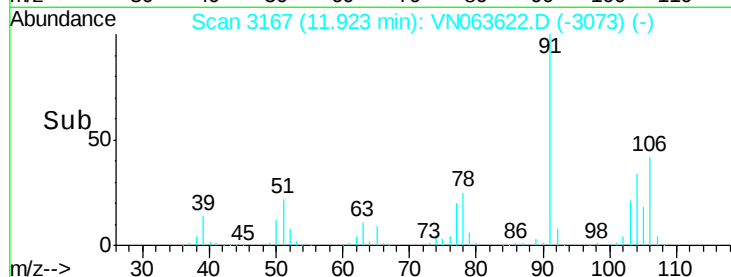
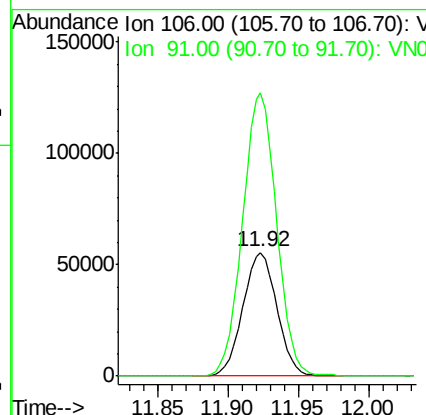
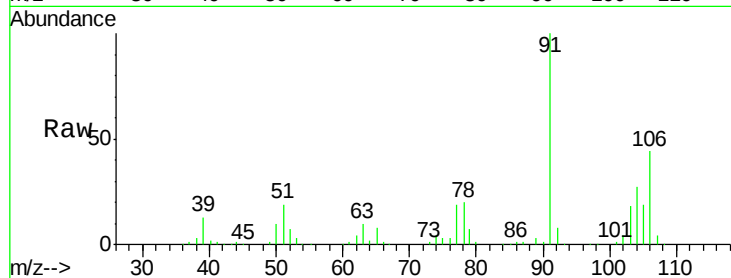
#69
o-Xylene
Concen: 17.974 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampled :
VN0924WBS01

Tot Ion:106 Resp: 93920
Ion Ratio Lower Upper
106 100
91 229.0 113.6 340.8

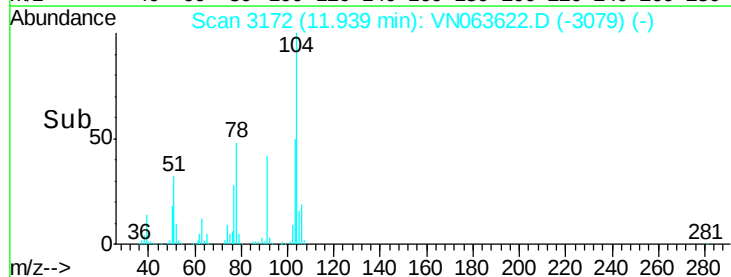
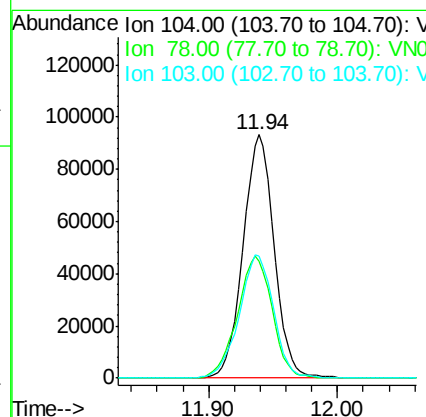
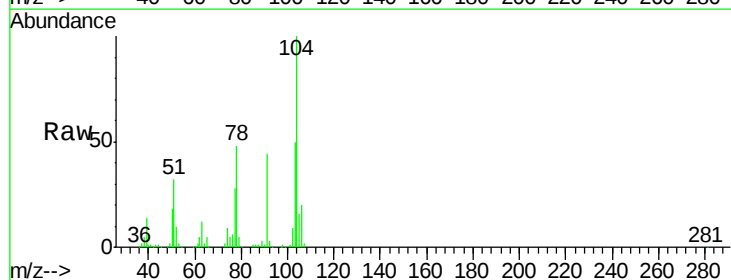
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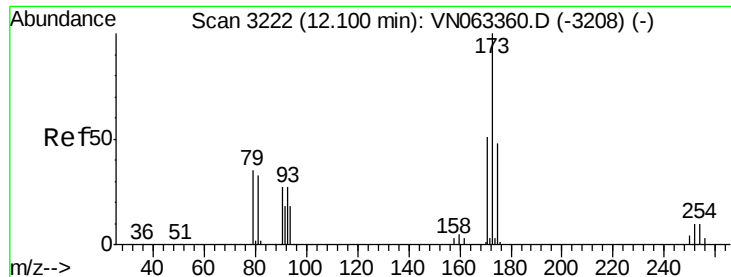
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#70
Styrene
Concen: 17.864 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion:104 Resp: 156544
Ion Ratio Lower Upper
104 100
78 55.8 44.4 66.6
103 56.0 43.7 65.5





#71

Bromoform

Concen: 17.792 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

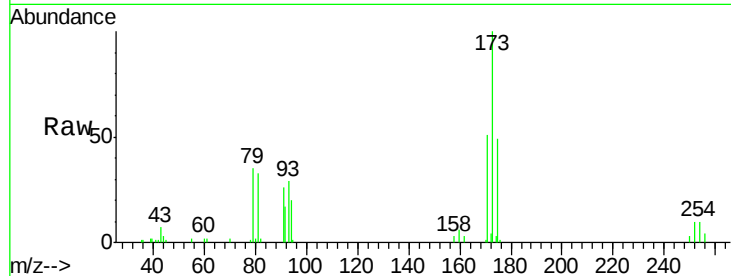
ClientSampleId :

VN0924WBS01

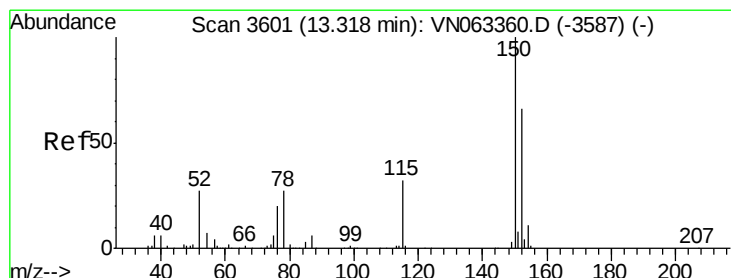
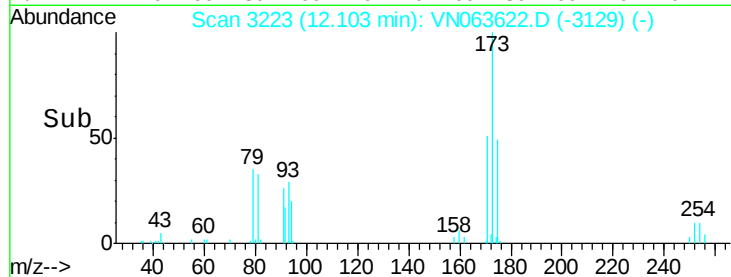
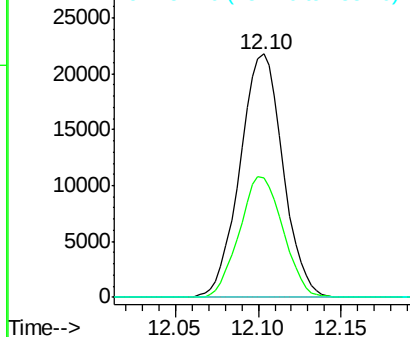
Tot Ion:173	Resp:	39253
Ion Ratio	Lower	Upper
173 100		
175 50.2	24.0	72.0
254 0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

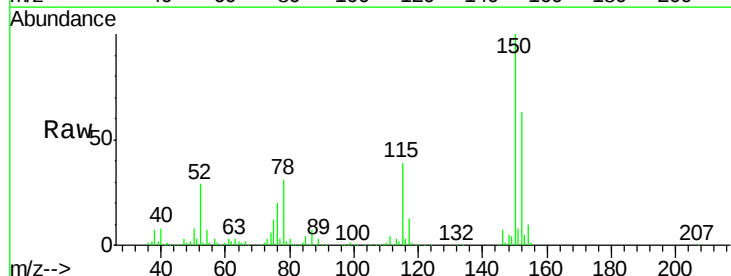
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

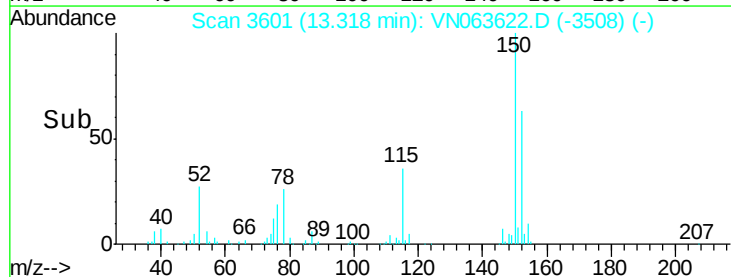
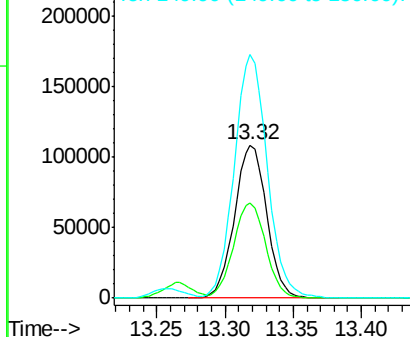
Lab File: VN063622.D

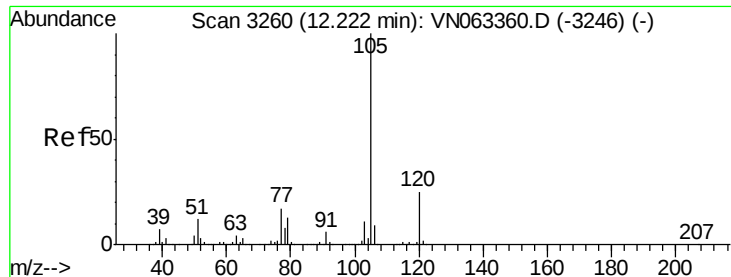
Acq: 24 Sep 2020 12:36

Tgt Ion:152	Resp:	178220
Ion Ratio	Lower	Upper
152 100		
115 62.2	32.2	96.6
150 162.9	0.0	343.4



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





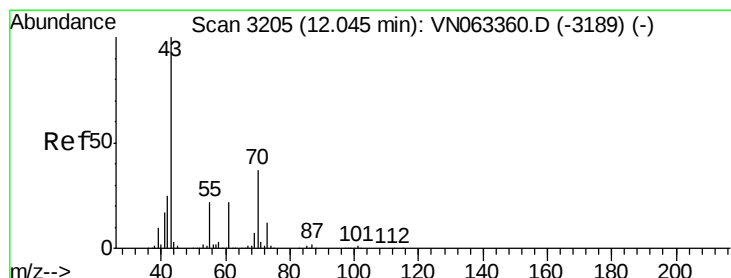
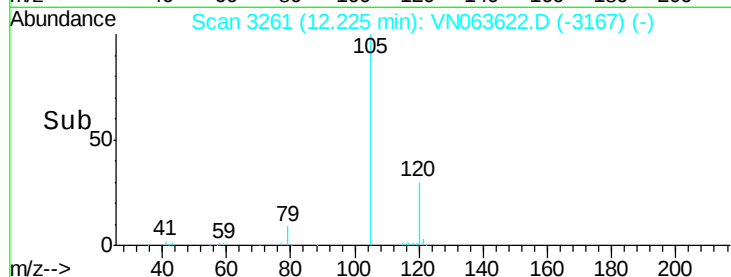
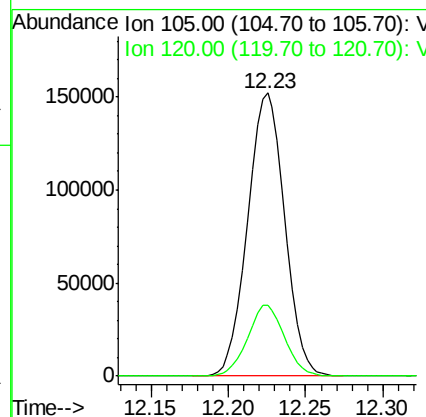
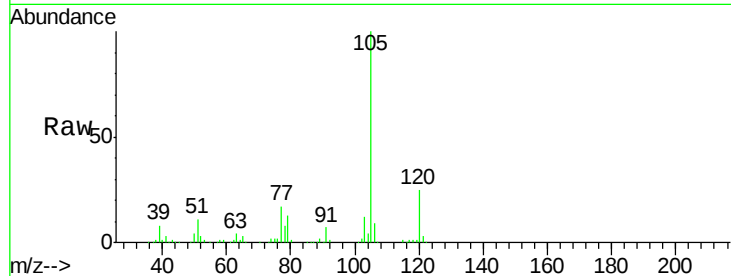
#73
Isopropylbenzene
Concen: 17.762 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.0	12.7	38.0

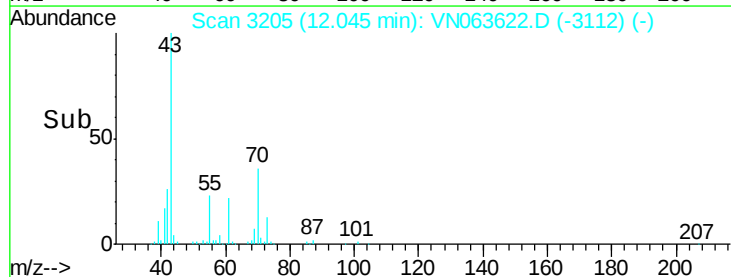
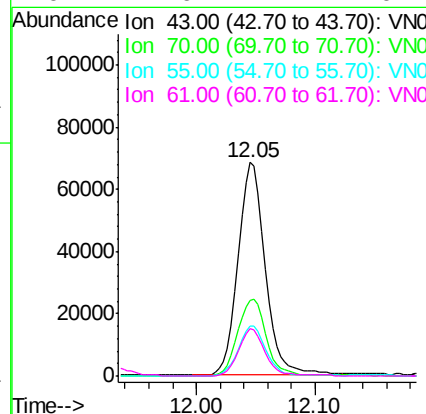
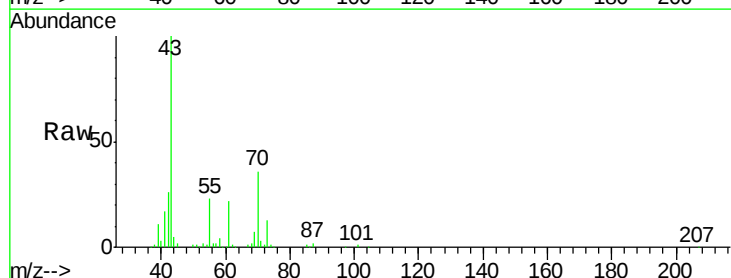
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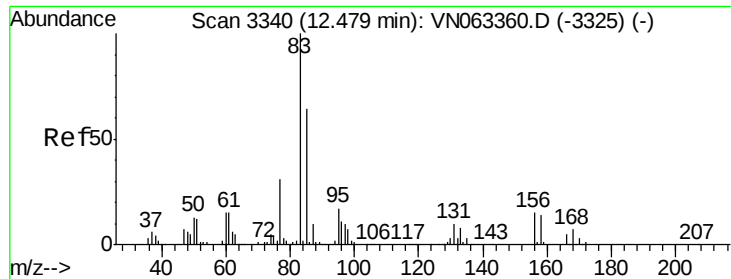
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#74
N-ethyl acetate
Concen: 16.134 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.2	29.6	44.4
55	24.1	17.7	26.5
61	21.6	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.159 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 83 Resp: 80298

Ion Ratio Lower Upper

83 100

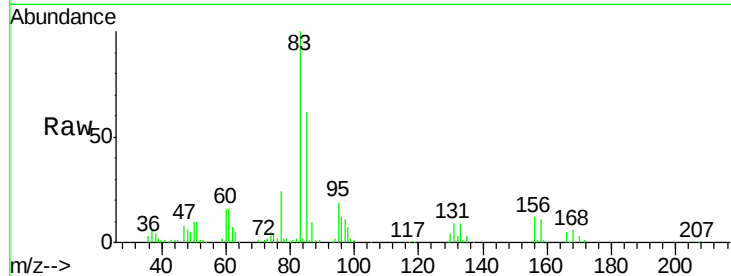
131 9.7 4.9 14.7

85 65.3 32.0 96.0

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

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)

Time--> 12.40 12.45 12.50

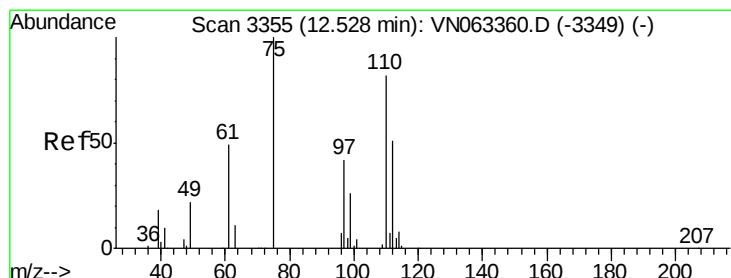
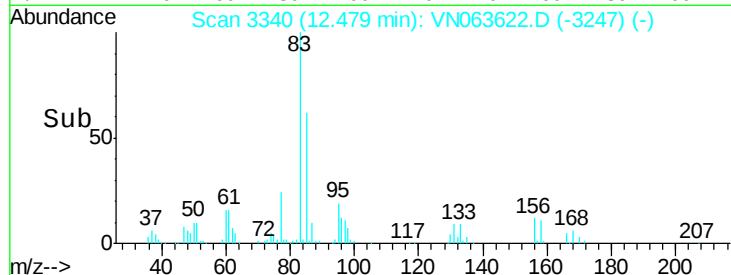
Abundance

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

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 18.602 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063622.D

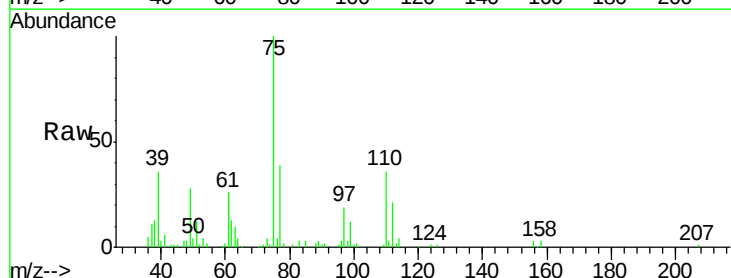
Acq: 24 Sep 2020 12:36

Tgt Ion: 75 Resp: 82059

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)

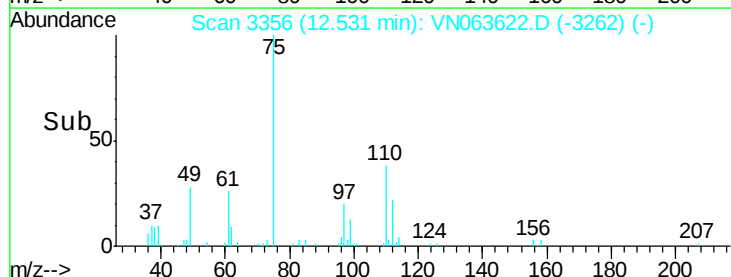
Time--> 12.50 12.55

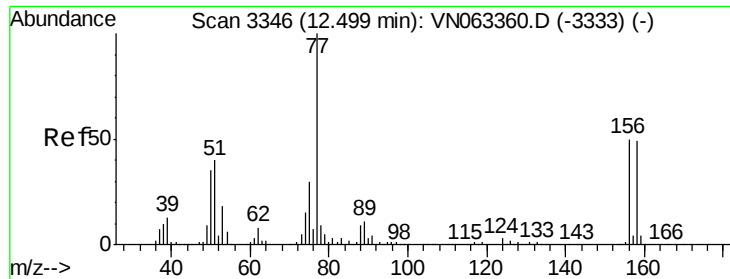
Abundance

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

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)

Time--> 12.50 12.55





#77

Bromobenzene

Concen: 18.721 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

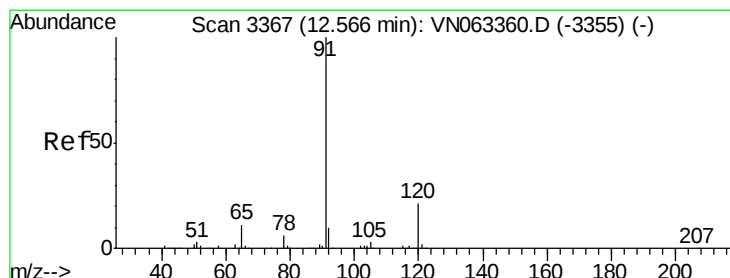
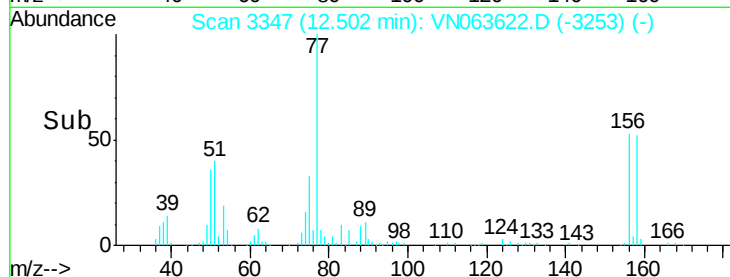
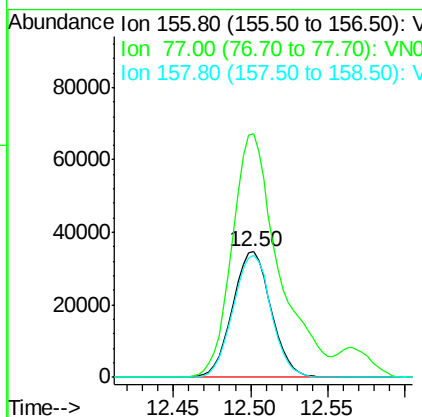
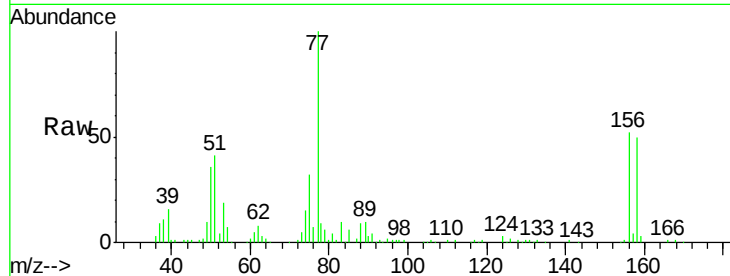
ClientSampleId :

VN0924WBS01

Tot Ion	156	Resp	60141
Ion	Ratio	Lower	Upper
156	100		
77	235.4	120.2	360.6
158	96.3	48.9	146.6

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#78

n-propylbenzene

Concen: 17.576 ug/l

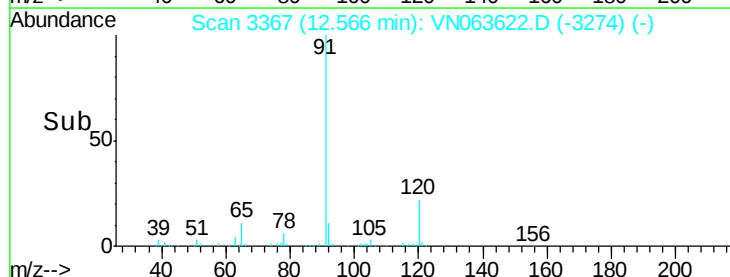
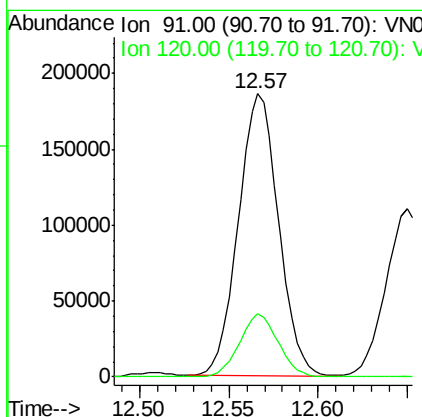
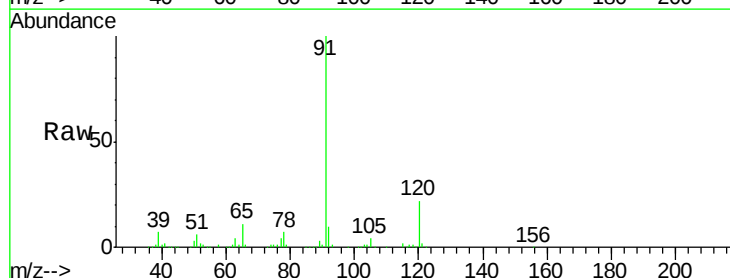
RT: 12.57 min Scan# 3367

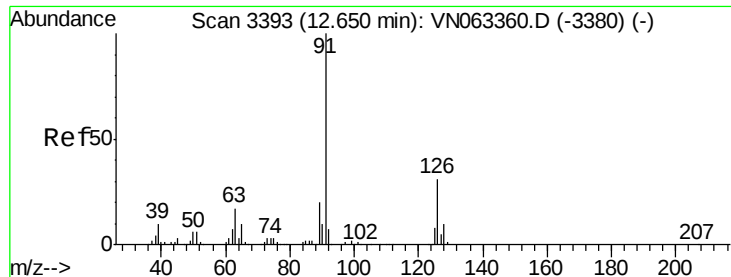
Delta R.T. -0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Tgt Ion	91	Resp	292365
Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.3





#79

2-Chlorotoluene

Concen: 17.976 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS01

Tot Ion: 91 Resp: 179243

Ion Ratio Lower Upper

91 100

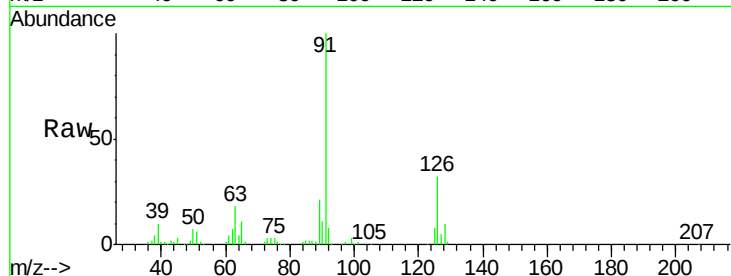
126 32.0 15.8 47.3

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) (-)

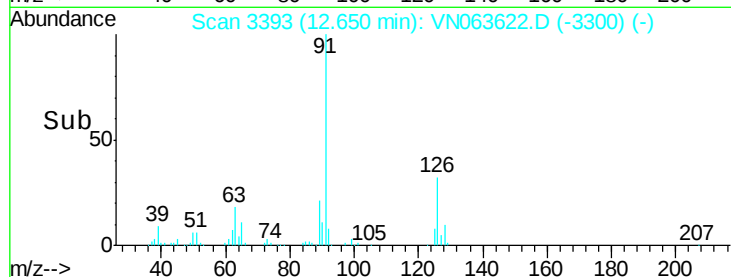
150000

100000

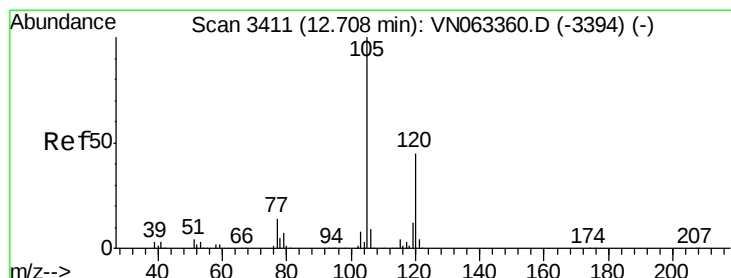
50000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.824 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063622.D

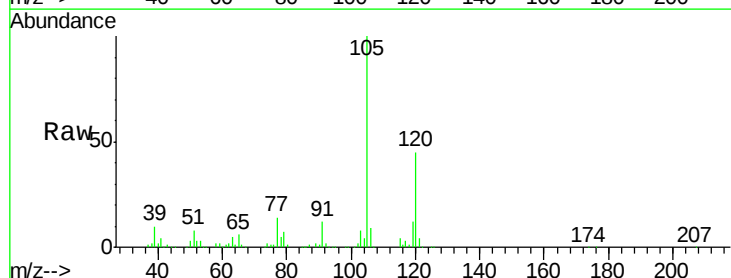
Acq: 24 Sep 2020 12:36

Tgt Ion: 105 Resp: 212266

Ion Ratio Lower Upper

105 100

120 45.2 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) (-)

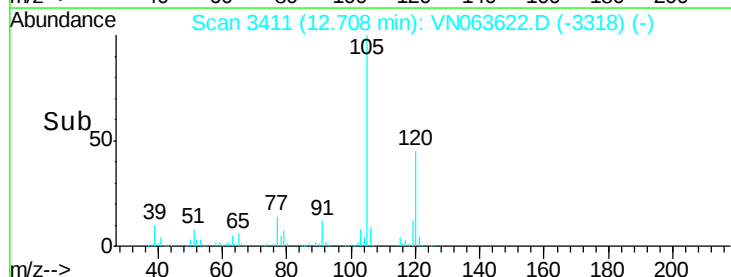
150000

100000

50000

0

12.60 12.70 12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 14.800 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tot Ion: 75 Resp: 23813

Ion Ratio Lower Upper

75 100

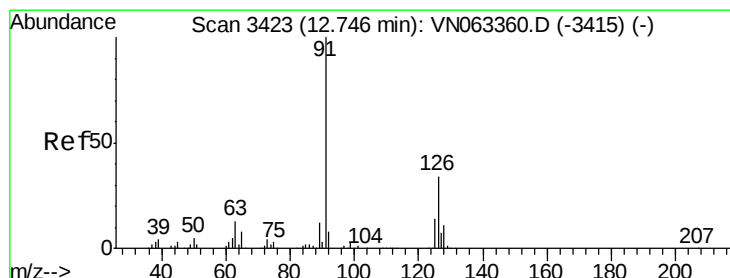
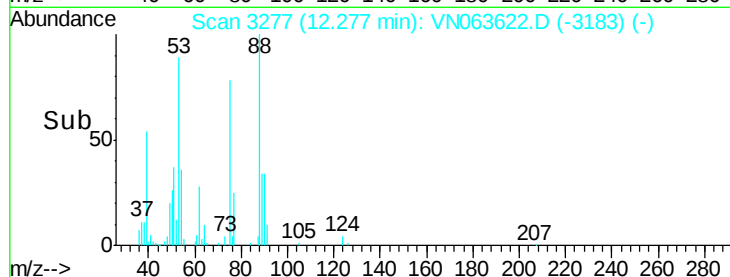
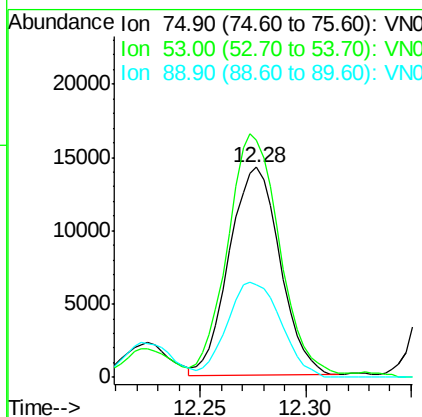
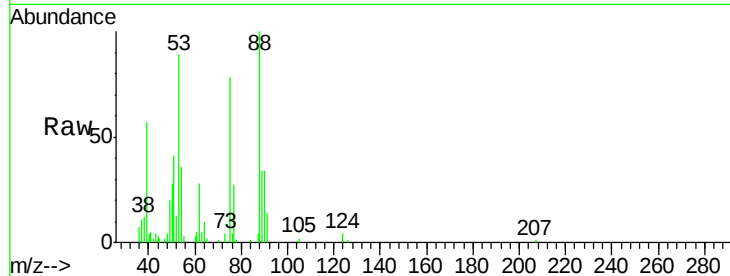
53 116.5 85.7 128.5

89 48.4 38.0 57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.034 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063622.D

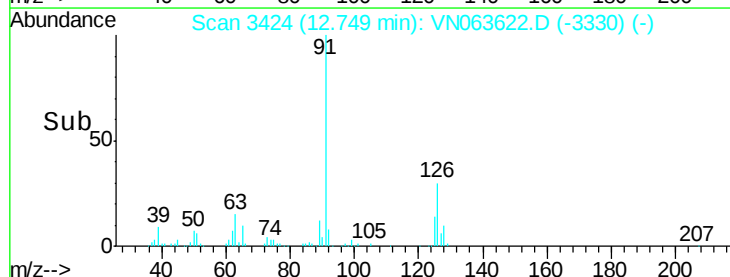
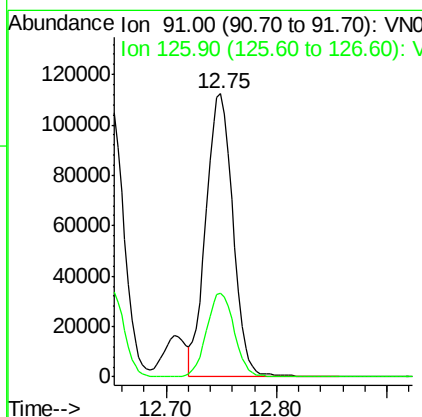
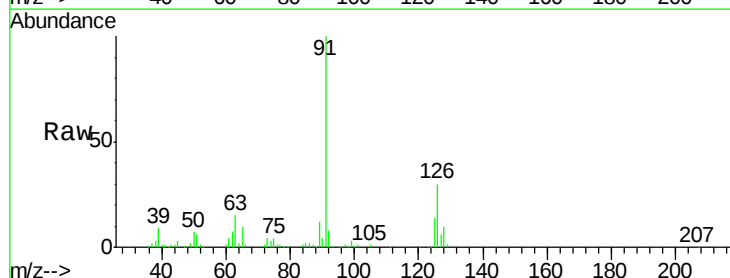
Acq: 24 Sep 2020 12:36

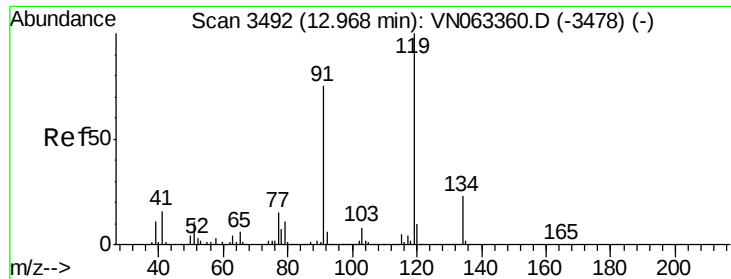
Tgt Ion: 91 Resp: 190001

Ion Ratio Lower Upper

91 100

126 30.0 15.5 46.5





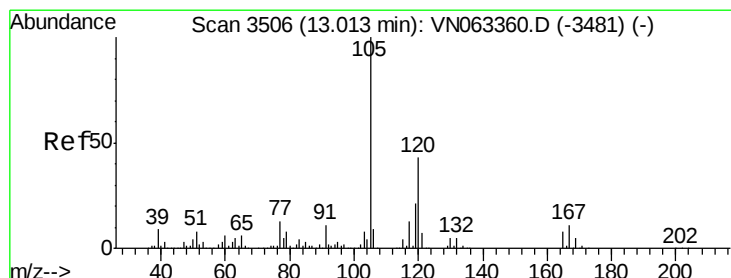
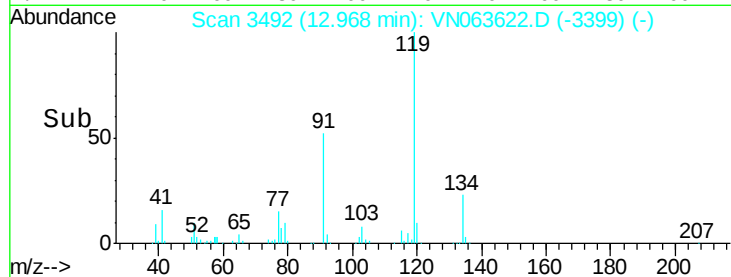
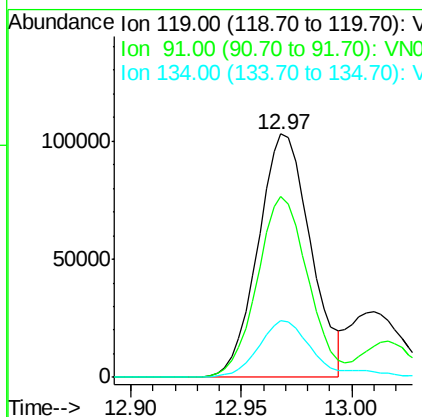
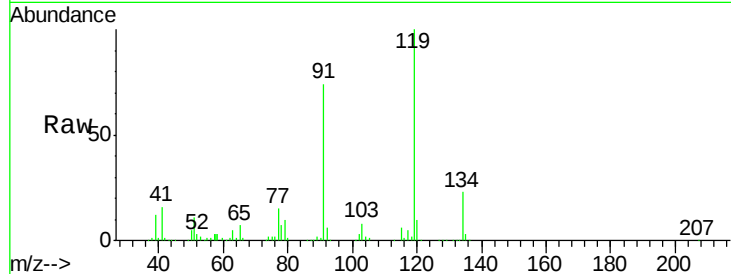
#83
 tert-Butylbenzene
 Concen: 17.275 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	169795		
91	72.0	36.3	108.9	
134	24.8	12.3	36.8	

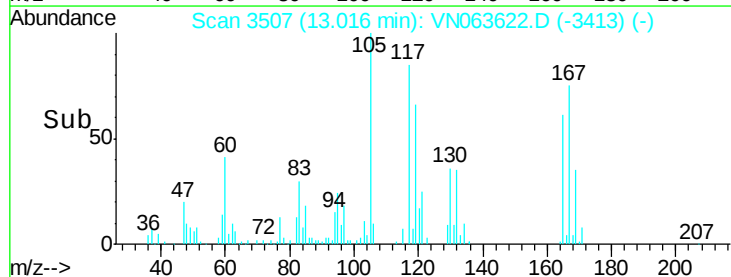
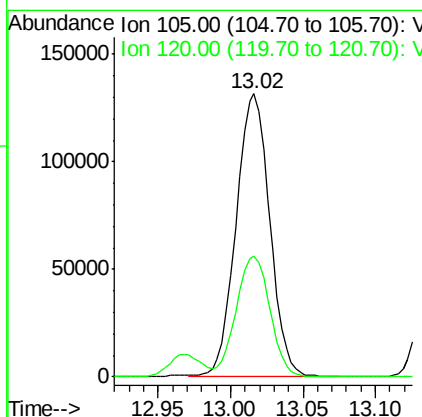
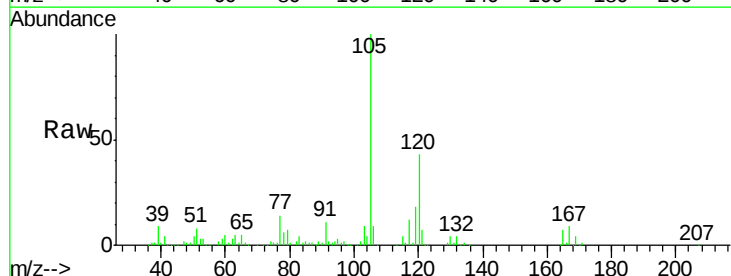
Manual Integrations
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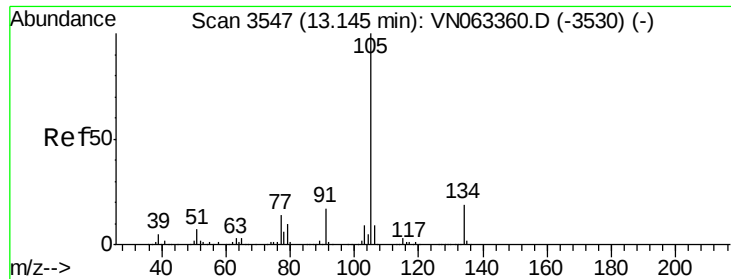
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.505 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	210565		
120	43.4	21.3	63.9	





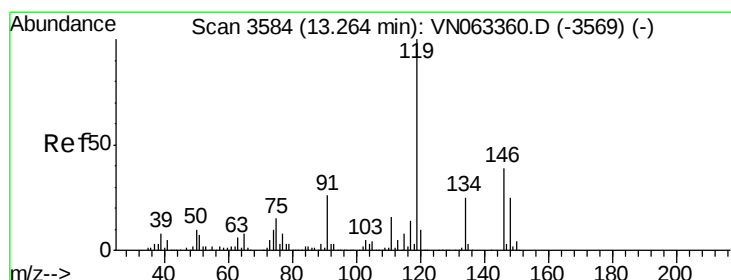
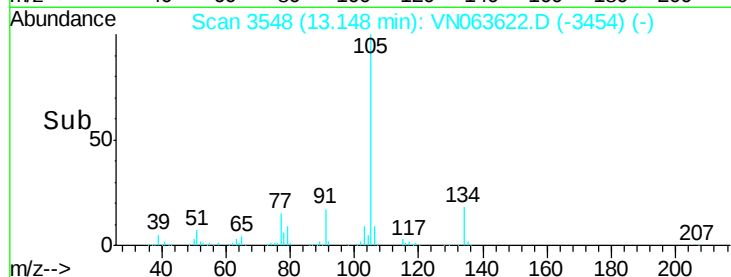
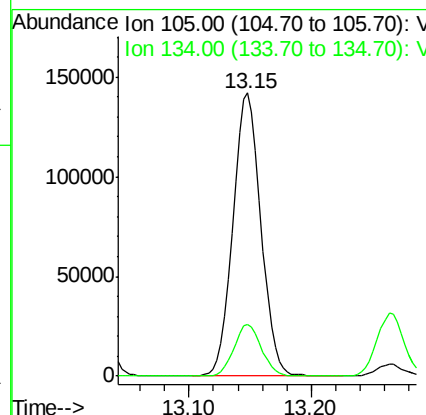
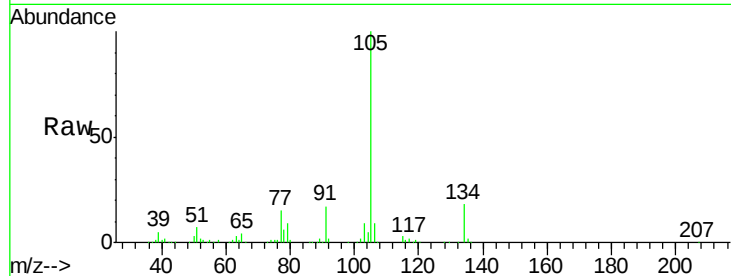
#85
 sec-Butylbenzene
 Concen: 17.261 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	17.9	9.3	27.7

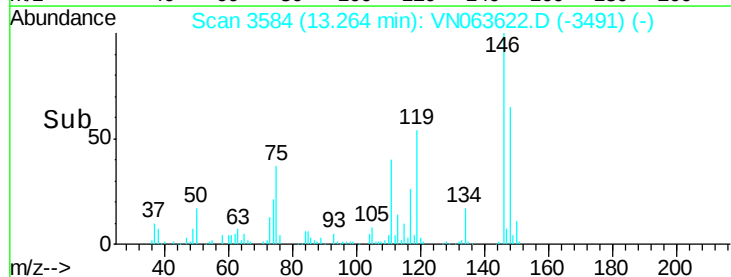
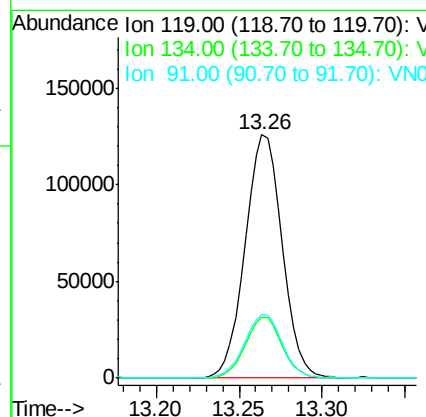
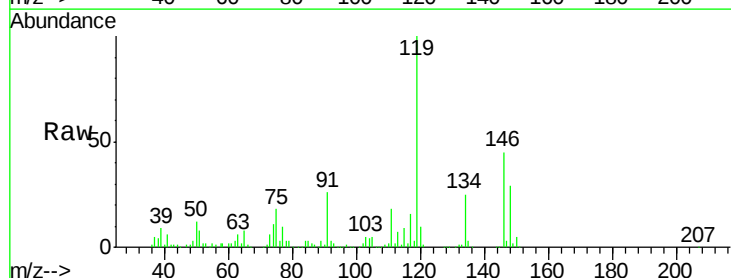
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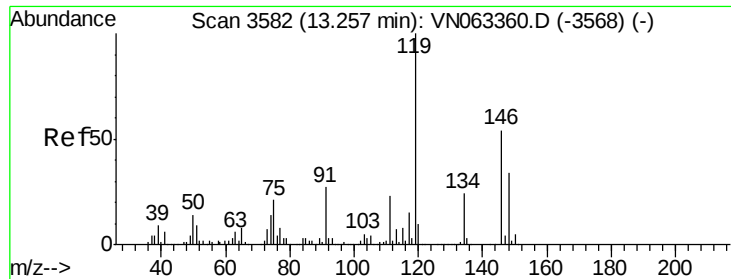
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#86
 p-Isopropyltoluene
 Concen: 16.891 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.5	37.5
91	26.6	13.4	40.1





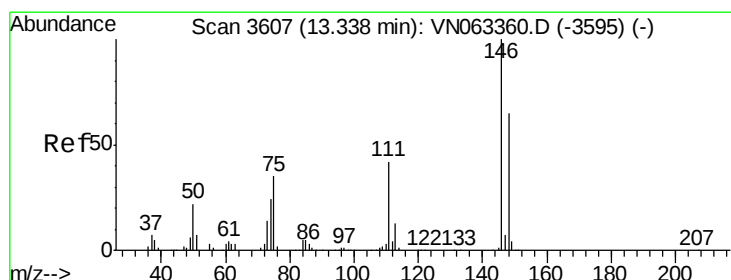
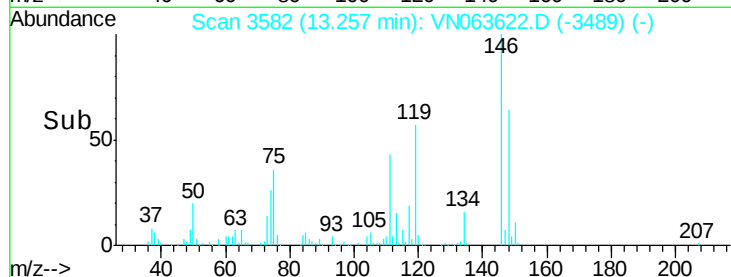
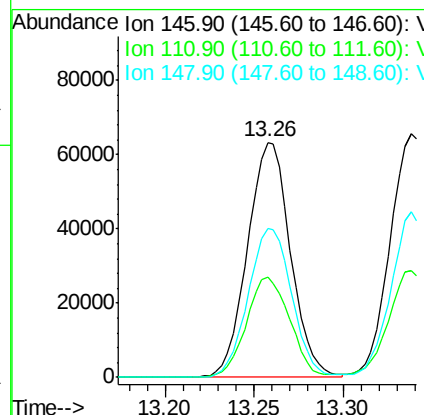
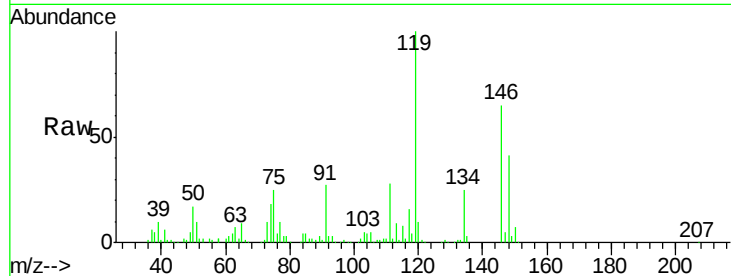
#87
 1,3-Dichlorobenzene
 Concen: 17.857 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	106325		
111	43.4	21.4	64.3	
148	64.6	31.9	95.7	

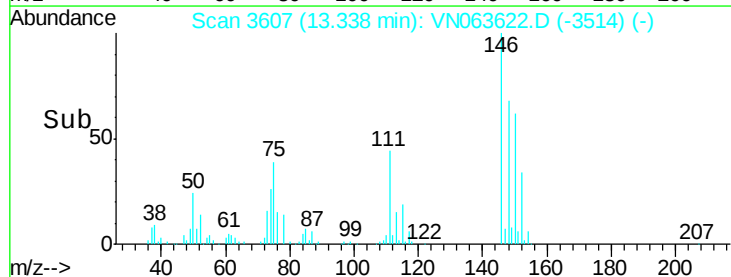
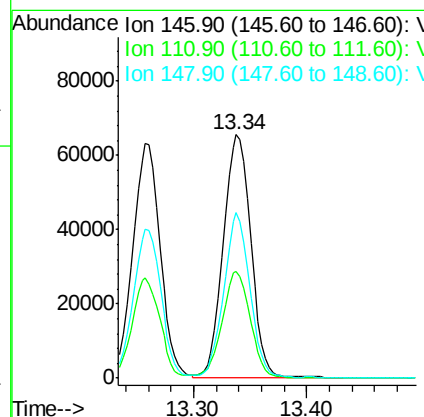
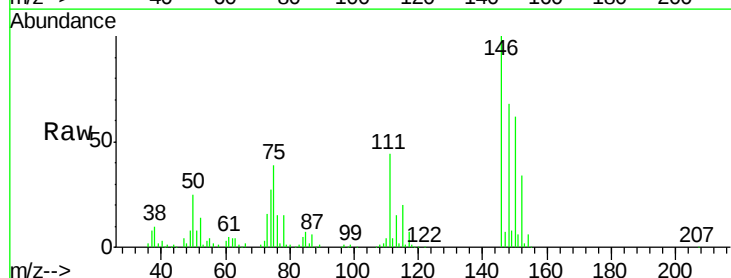
Manual Integrations
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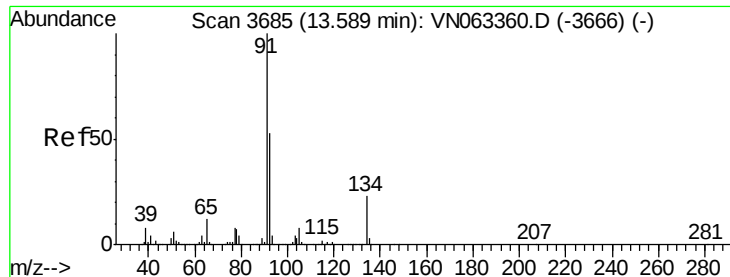
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 18.517 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112100		
111	44.4	21.2	63.6	
148	63.3	31.9	95.9	





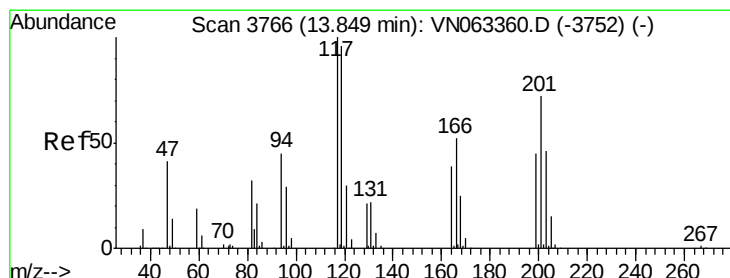
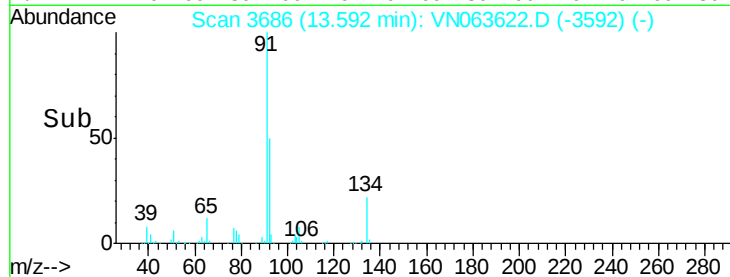
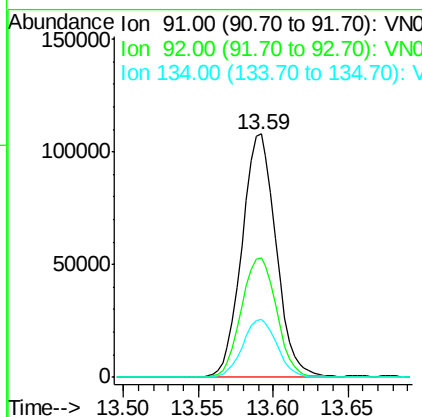
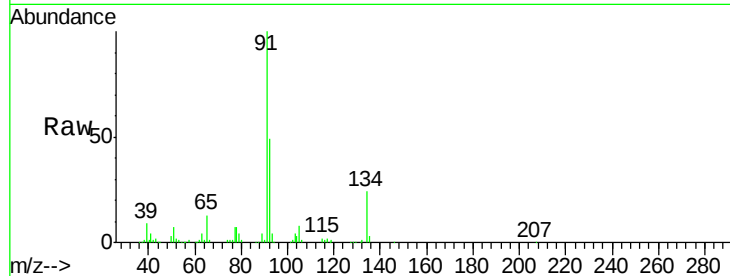
#89
n-Butylbenzene
Concen: 16.062 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Instrument :
MSVOA_N
ClientSampled :
VN0924WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.0	78.0
134	24.1	11.7	35.0

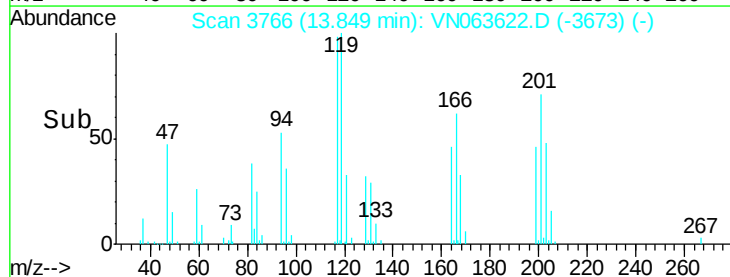
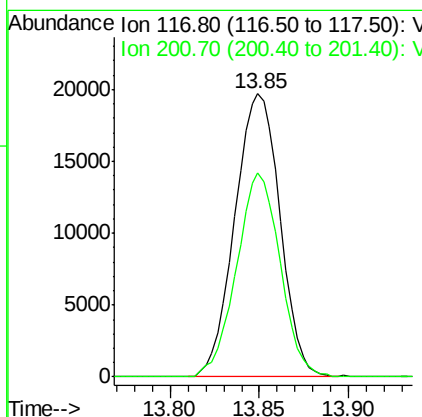
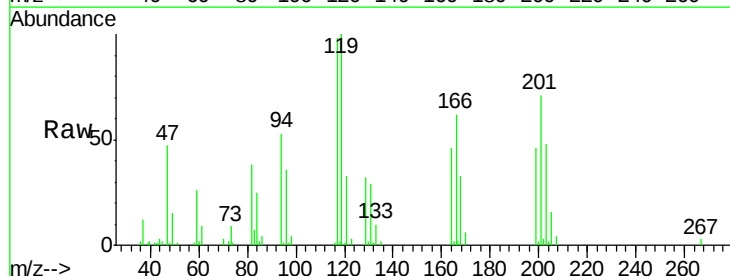
Manual Integrations
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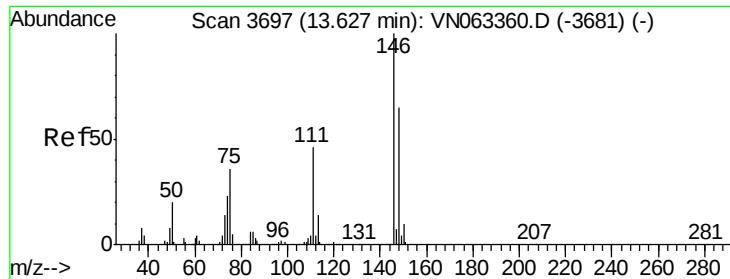
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#90
Hexachloroethane
Concen: 15.704 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063622.D
Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.7	35.5	106.7





#91

1,2-Dichlorobenzene

Concen: 18.202 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

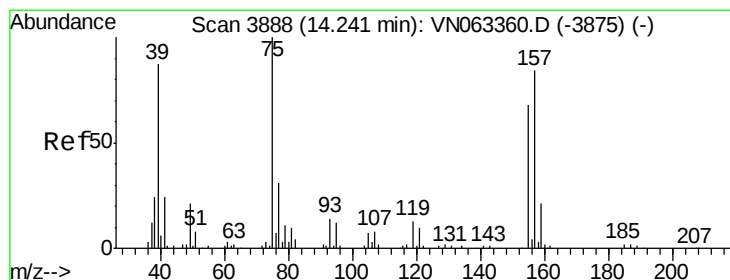
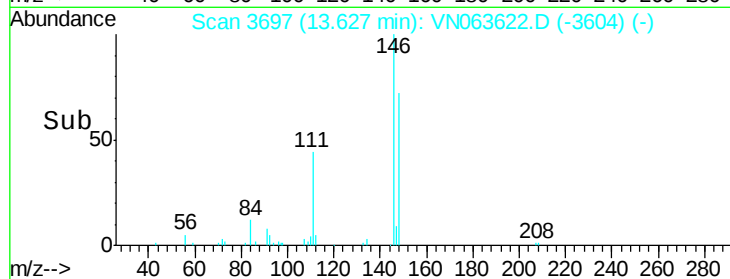
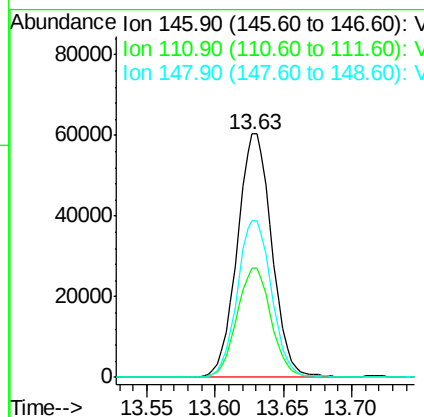
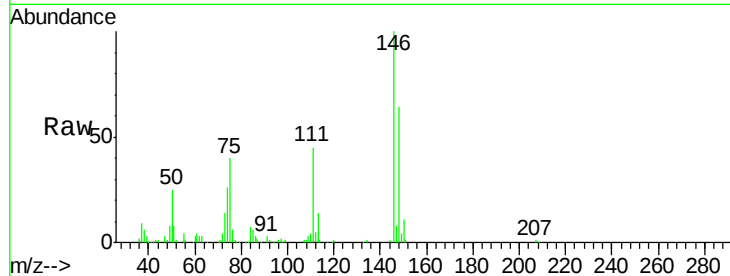
ClientSampleId :

VN0924WBS01

Tot Ion:	146	Resp:	106407
Ion Ratio	Lower	Upper	
146	100		
111	44.4	22.4	67.2
148	63.6	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.231 ug/l

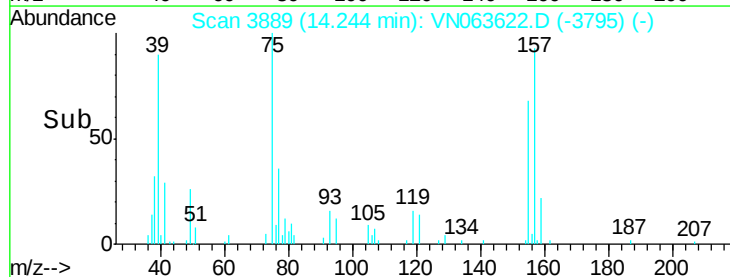
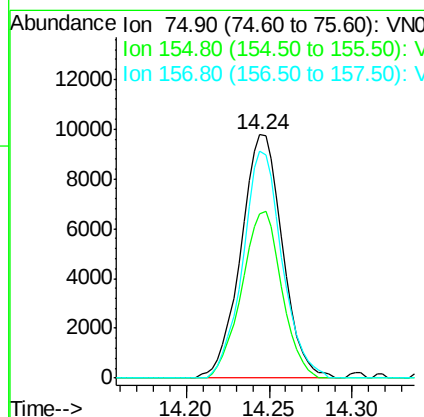
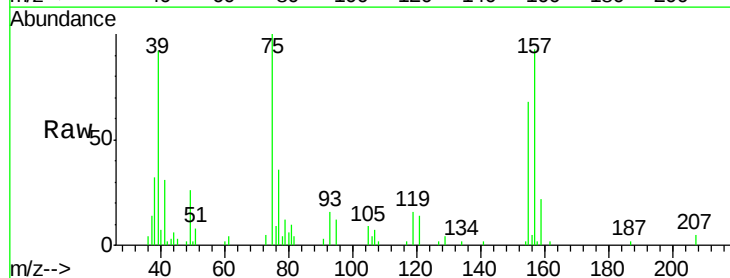
RT: 14.24 min Scan# 3889

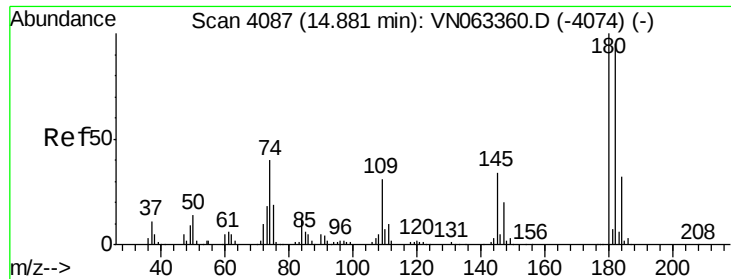
Delta R.T. 0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Tgt Ion:	75	Resp:	17091
Ion Ratio	Lower	Upper	
75	100		
155	65.9	34.6	103.9
157	88.1	43.7	131.1





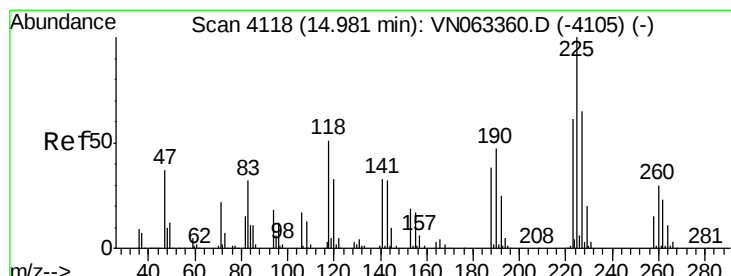
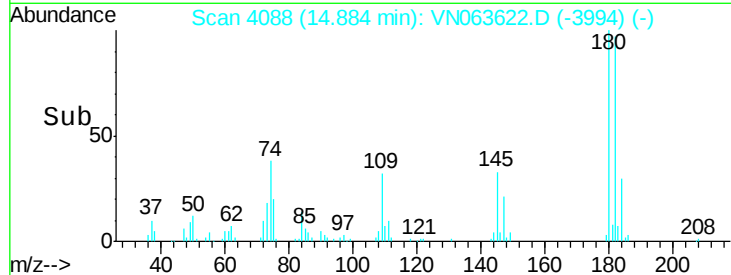
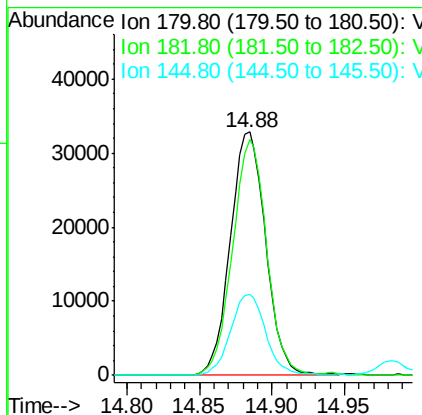
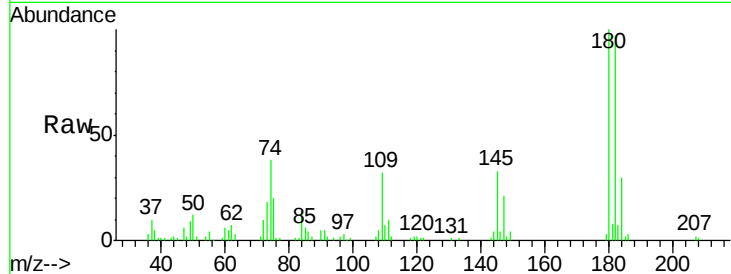
#93
 1,2,4-Trichlorobenzene
 Concen: 16.120 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	142.0
145	33.1	16.6	49.7

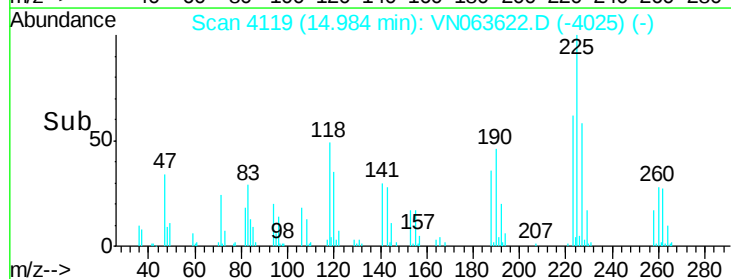
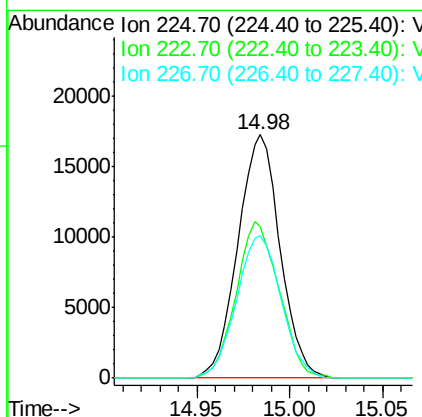
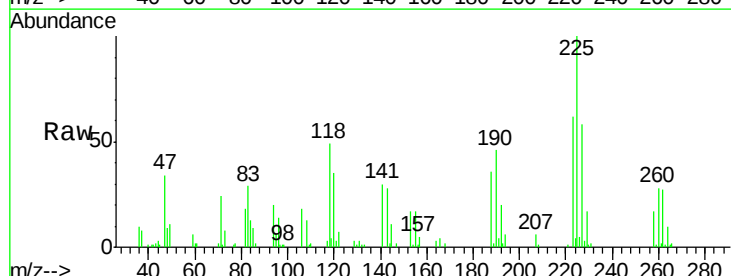
Manual Integrations
 APPROVED

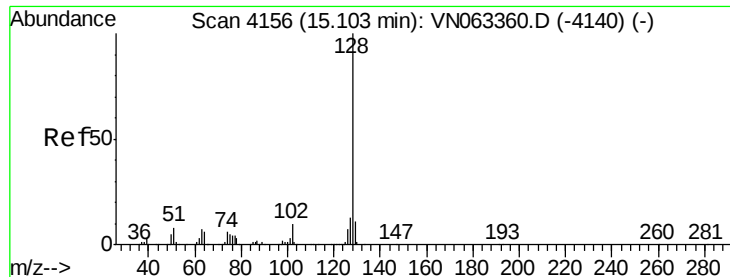
MMDadoda
 9/28/2020 5:16:03 PM



#94
 Hexachlorobutadiene
 Concen: 19.068 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063622.D
 Acq: 24 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	30.6	91.6
227	61.9	31.2	93.6





#95

Naphthalene

Concen: 15.715 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Instrument :

MSVOA_N

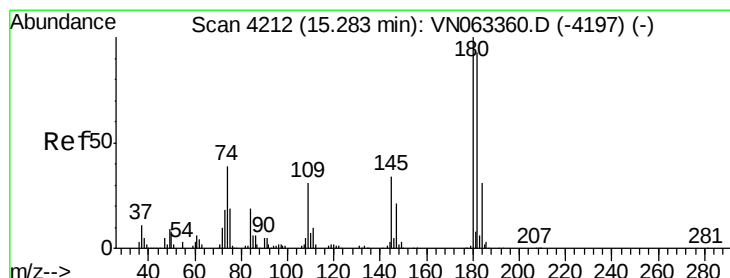
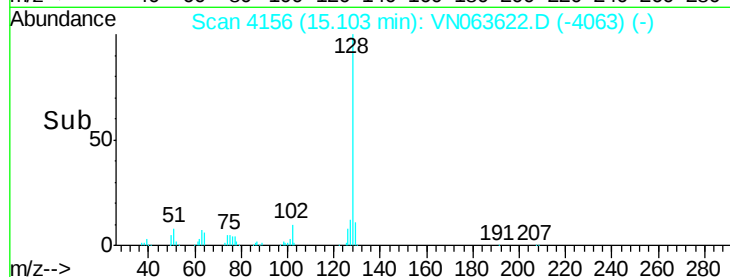
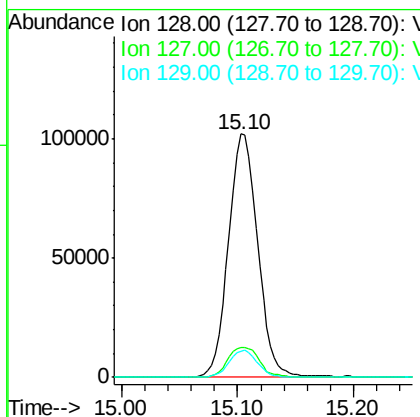
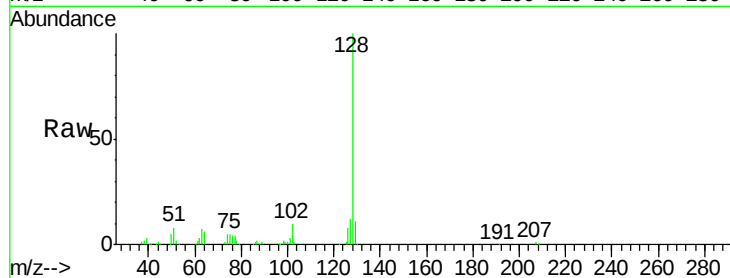
ClientSampleId :

VN0924WBS01

Tot Ion:	128	Resp:	178935
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:16:03 PM



#96

1,2,3-Trichlorobenzene

Concen: 16.169 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063622.D

Acq: 24 Sep 2020 12:36

Tgt Ion:	180	Resp:	53840
Ion Ratio	Lower	Upper	
180	100		
182	93.7	46.7	140.1
145	32.3	16.8	50.3

