

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063936.D
 Acq On : 7 Oct 2020 11:44
 Operator : JC/MD
 Sample : VN1007WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:08:39 AM

Quant Time: Oct 08 05:18:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	269772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	406751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215663	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.55	113	146053	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.06	98	544070	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.38	95	200284	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46220	16.237	ug/l	97
3) Chloromethane	2.04	50	52673	15.770	ug/l	100
4) Vinyl Chloride	2.16	62	55293	16.492	ug/l	96
5) Bromomethane	2.53	94	34398	16.311	ug/l	98
6) Chloroethane	2.68	64	37076	18.507	ug/l	97
7) Trichlorofluoromethane	2.99	101	93834	17.647	ug/l	98
8) Diethyl Ether	3.37	74	29527	16.419	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48167	16.948	ug/l	96
10) Methyl Iodide	3.91	142	54044	16.377	ug/l	99
11) Tert butyl alcohol	4.73	59	46120	93.731	ug/l	97
12) 1,1-Dichloroethene	3.70	96	44514	16.386	ug/l	97
13) Acrolein	3.57	56	32790	108.579	ug/l	97
14) Allyl chloride	4.28	41	88442	17.524	ug/l	95
15) Acrylonitrile	4.93	53	129395	91.870	ug/l	99
16) Acetone	3.78	43	131670	95.973	ug/l	99
17) Carbon Disulfide	4.01	76	121479	17.014	ug/l	98
18) Methyl Acetate	4.28	43	69407	19.485	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	171271	17.354	ug/l	99
20) Methylene Chloride	4.51	84	57582	18.386	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	50833	16.706	ug/l	97
22) Diisopropyl ether	5.90	45	193906	18.674	ug/l	91
23) Vinyl Acetate	5.85	43	767583	89.240	ug/l	100
24) 1,1-Dichloroethane	5.80	63	108458	18.268	ug/l	99
25) 2-Butanone	6.79	43	188150	96.731	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93567	17.209	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	60241	17.214	ug/l	99
28) Bromochloromethane	7.15	49	54830	18.685	ug/l	97
29) Tetrahydrofuran	7.17	42	124410	95.365	ug/l	97
30) Chloroform	7.33	83	109639	17.711	ug/l	96
31) Cyclohexane	7.61	56	85480	16.521	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	97138	17.397	ug/l	99
36) 1,1-Dichloropropene	7.75	75	75831	17.061	ug/l	98
37) Ethyl Acetate	6.89	43	76146	17.244	ug/l	97
38) Carbon Tetrachloride	7.74	117	88932	17.843	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	68938	15.553	ug/l	99
40) Benzene	8.00	78	224560	17.689	ug/l	99
41) Methacrylonitrile	7.13	41	35884m	18.284	ug/l	
42) 1,2-Dichloroethane	8.08	62	96684	17.841	ug/l	100
43) Isopropyl Acetate	8.13	43	135145	18.554	ug/l #	92
44) Trichloroethene	8.80	130	56999	17.136	ug/l	100
45) 1,2-Dichloropropane	9.08	63	60698	17.704	ug/l	99
46) Dibromomethane	9.17	93	41778	17.664	ug/l	98
47) Bromodichloromethane	9.37	83	87529	17.956	ug/l	100
48) Methyl methacrylate	9.17	41	66716	18.539	ug/l	90
49) 1,4-Dioxane	9.16	88	17818	348.384	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	413532	96.745	ug/l	99
52) Toluene	10.13	92	138811	17.677	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	87901	16.823	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95745	17.521	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	58270	18.504	ug/l	97
56) Ethyl methacrylate	10.40	69	76385	17.113	ug/l	95
57) 1,3-Dichloropropane	10.68	76	96798	18.169	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	215406	90.216	ug/l	99
59) 2-Hexanone	10.72	43	291912	91.931	ug/l	96
60) Dibromochloromethane	10.87	129	64128	17.486	ug/l	97
61) 1,2-Dibromoethane	10.98	107	58557	18.178	ug/l	100
64) Tetrachloroethene	10.60	164	55423	17.612	ug/l	98
65) Chlorobenzene	11.41	112	148495	17.797	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	58430	18.267	ug/l	100
67) Ethyl Benzene	11.49	91	260224	17.140	ug/l	100
68) m/p-Xylenes	11.60	106	193037	34.114	ug/l	100
69) o-Xylene	11.92	106	90166	17.048	ug/l	96
70) Styrene	11.94	104	156736	17.458	ug/l	98
71) Bromoform	12.10	173	43540	17.797	ug/l #	99
73) Isopropylbenzene	12.23	105	241790	17.573	ug/l	99
74) N-amyl acetate	12.05	43	107515	18.283	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	82385	19.581	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	77120m	18.546	ug/l	
77) Bromobenzene	12.50	156	63036	18.671	ug/l	99
78) n-propylbenzene	12.57	91	277731	17.344	ug/l	100
79) 2-Chlorotoluene	12.65	91	176078	17.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	202137	17.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25177	17.438	ug/l	95
82) 4-Chlorotoluene	12.75	91	182724	17.873	ug/l	98
83) tert-Butylbenzene	12.97	119	163614	17.328	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	206334	17.903	ug/l	98
85) sec-Butylbenzene	13.15	105	209867	16.923	ug/l	99
86) p-Isopropyltoluene	13.26	119	189091	17.235	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108754	17.805	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	109845	17.272	ug/l	99
89) n-Butylbenzene	13.59	91	157200	15.524	ug/l	99
90) Hexachloroethane	13.85	117	36272	17.061	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	109046	18.025	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17627	17.864	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47124	15.564	ug/l	98
94) Hexachlorobutadiene	14.98	225	30433	18.595	ug/l	98
95) Naphthalene	15.11	128	138609	15.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	46915	15.811	ug/l	96

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

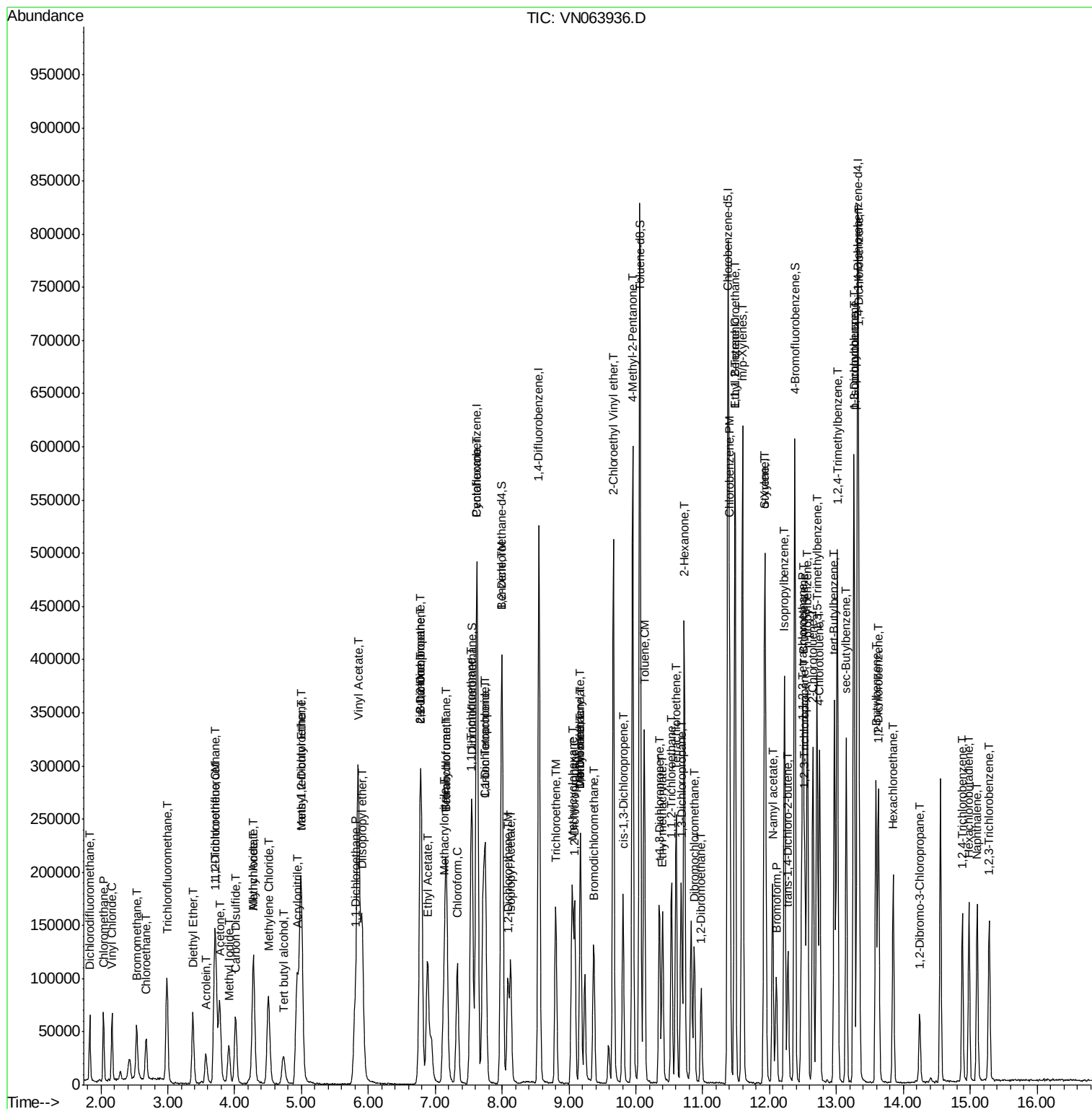
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Data File : VN063936.D
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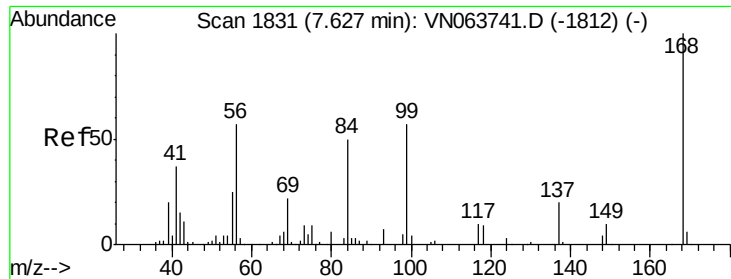
Instrument :
MSVOA_N
Client Sampled :
VN1007WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

Tot Ion:168 Resp: 269772

Ion Ratio Lower Upper

168 100

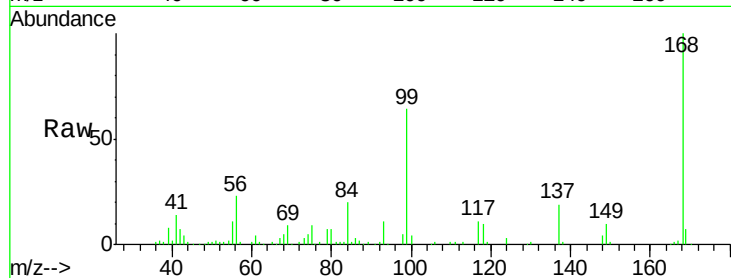
99 63.7 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

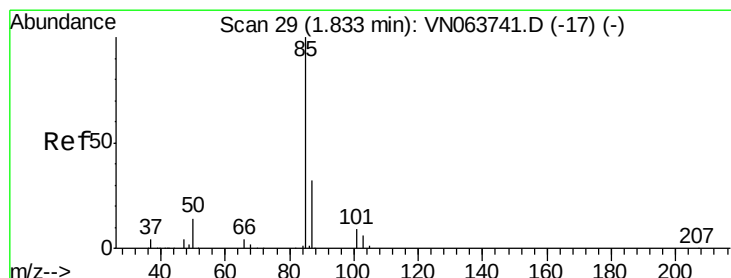
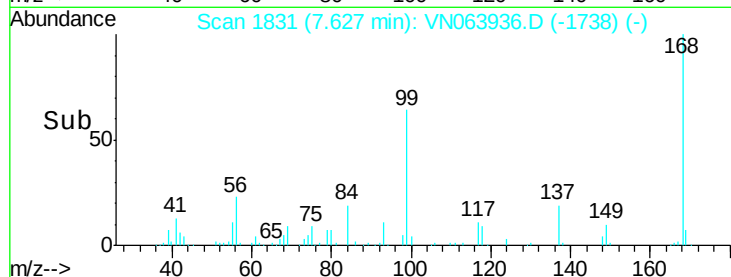
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 16.237 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063936.D

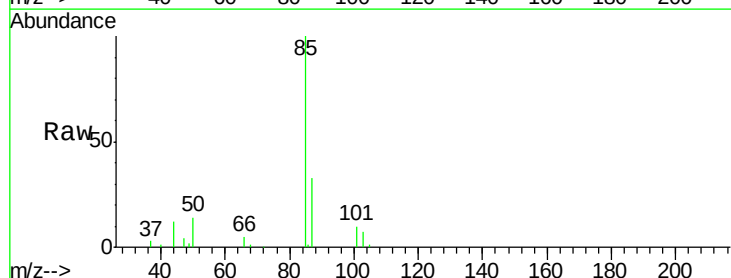
Acq: 7 Oct 2020 11:44

Tgt Ion: 85 Resp: 46220

Ion Ratio Lower Upper

85 100

87 33.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

40000

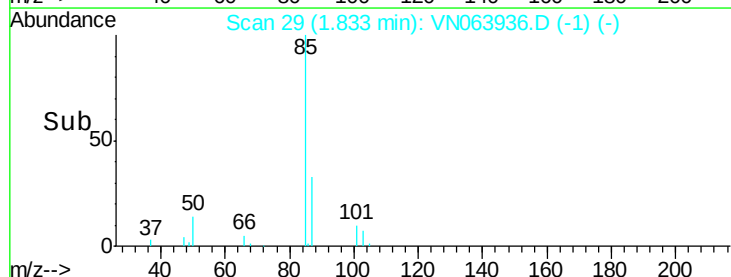
30000

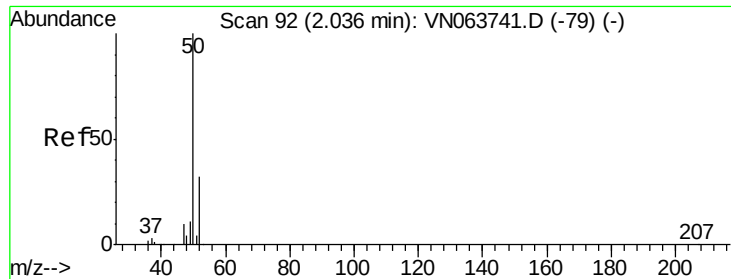
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 15.770 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

Tot Ion: 50 Resp: 52673

Ion Ratio Lower Upper

50 100

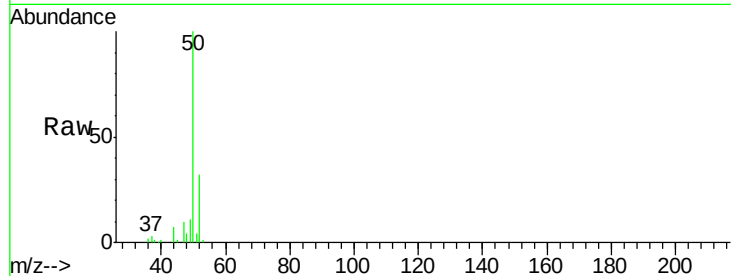
52 32.5 25.8 38.8

Manual Integrations

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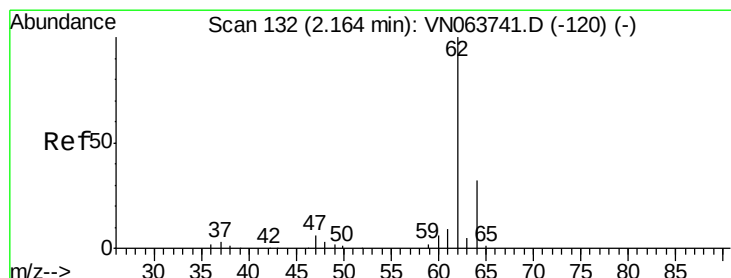
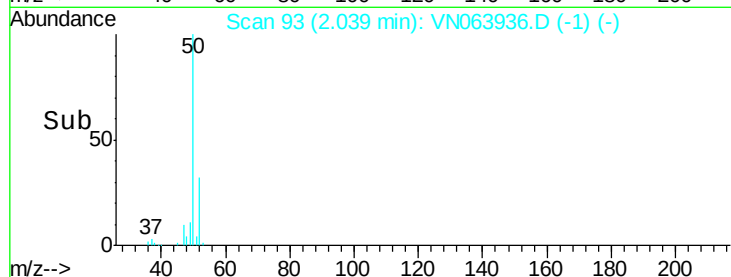
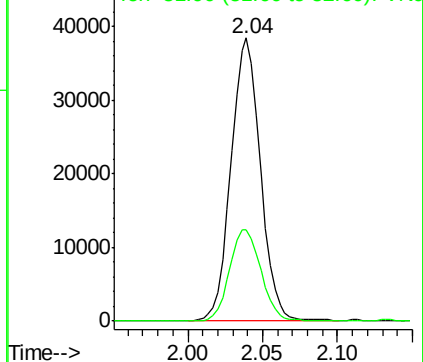
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.492 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063936.D

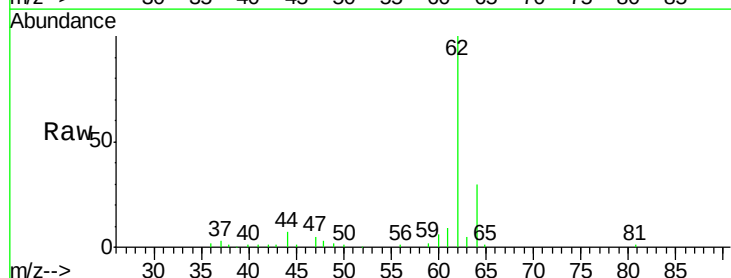
Acq: 7 Oct 2020 11:44

Tgt Ion: 62 Resp: 55293

Ion Ratio Lower Upper

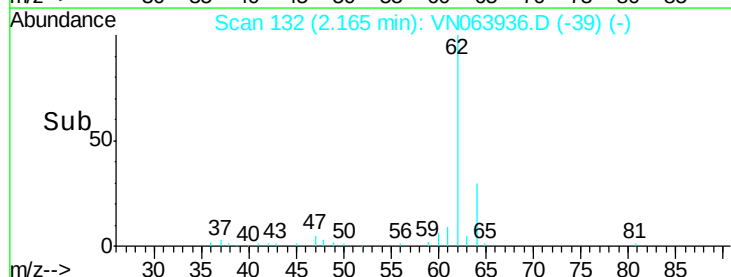
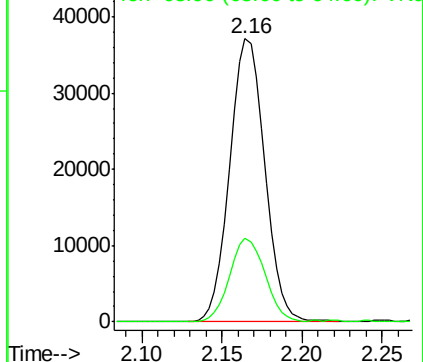
62 100

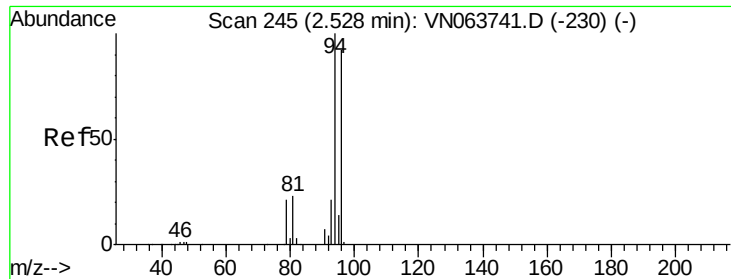
64 29.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.311 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 34398

Ion Ratio Lower Upper

94 100

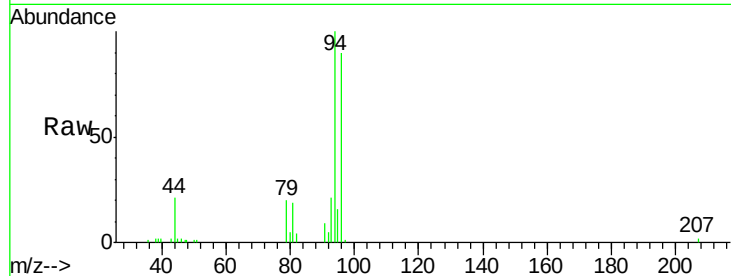
96 89.7 73.3 109.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN063936.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN063936.D (-152) (-)

20000

15000

10000

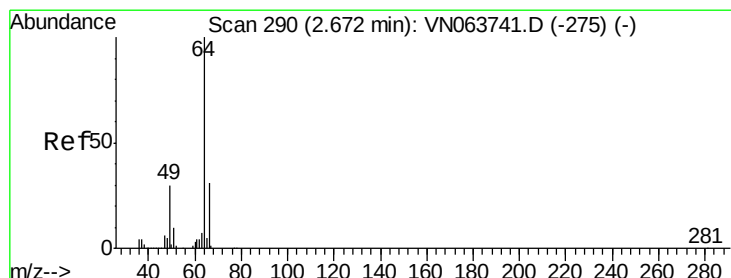
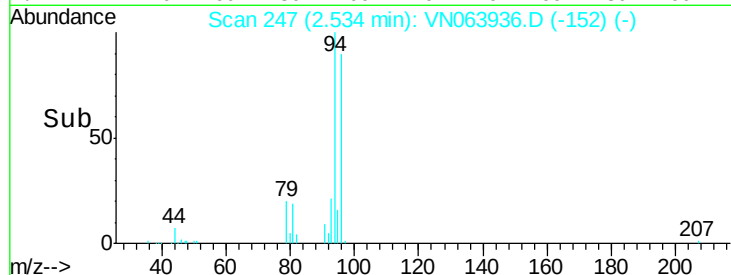
5000

0

Time-->

2.45 2.50 2.55 2.60

2.53



#6

Chloroethane

Concen: 18.507 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063936.D

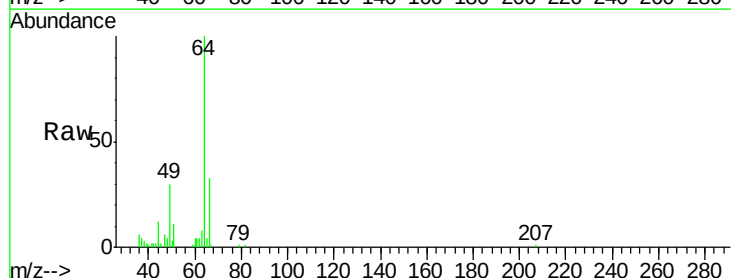
Acq: 7 Oct 2020 11:44

Tgt Ion: 64 Resp: 37076

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063936.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN063936.D (-197) (-)

20000

15000

10000

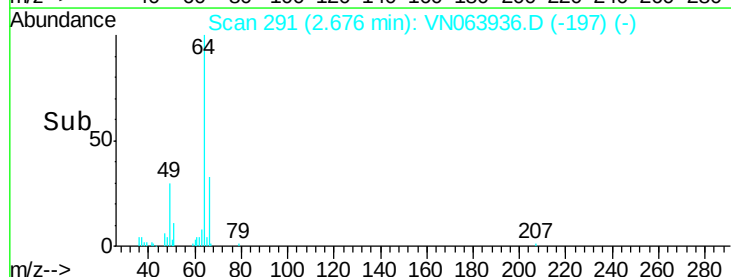
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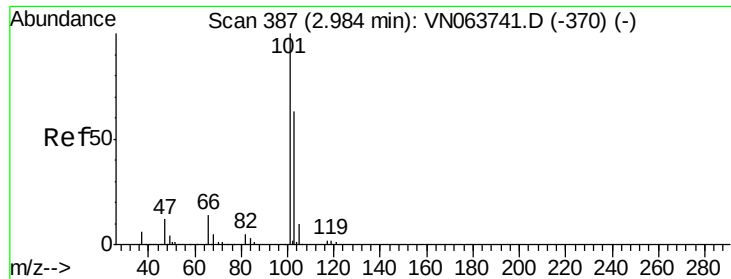
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Time-->

2.60 2.65 2.70 2.75

2.68





#7

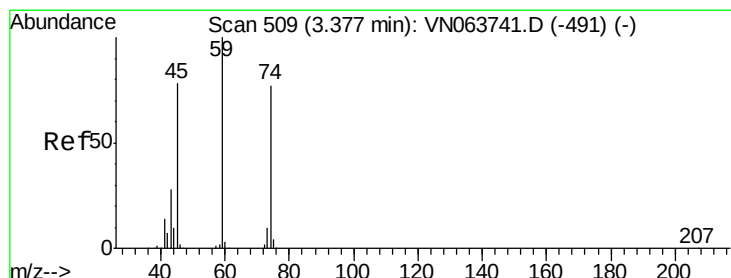
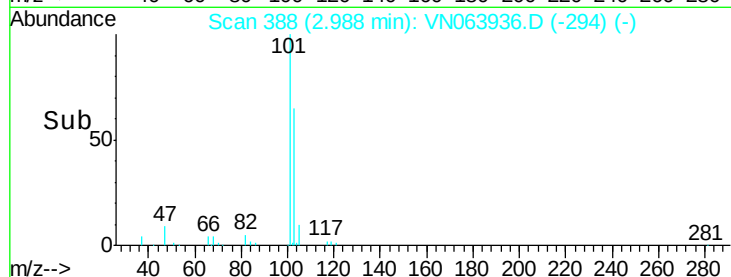
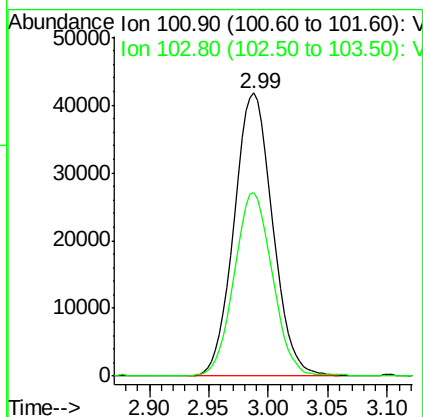
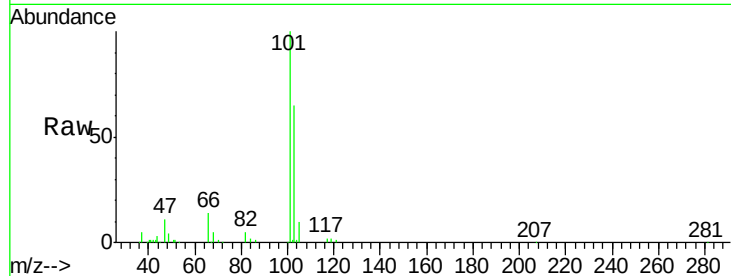
Trichlorofluoromethane
 Concen: 17.647 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

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 VN1007WBS01

Tot Ion:101 Resp: 93834
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.7 76.1

Manual Integrations
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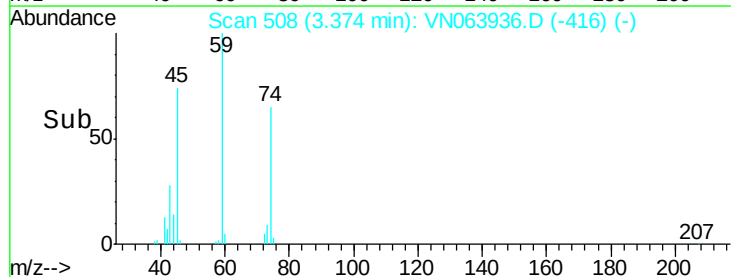
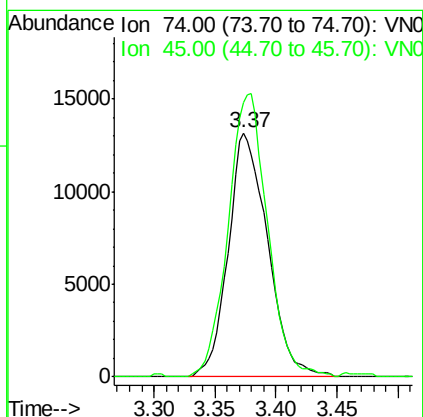
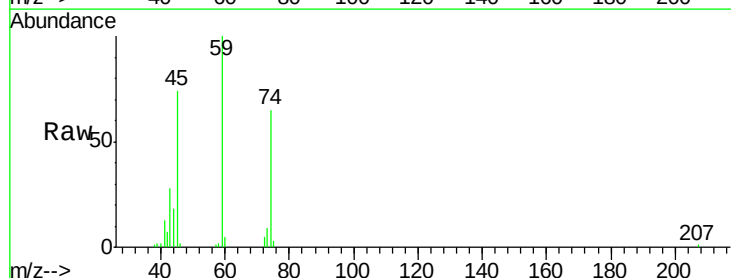
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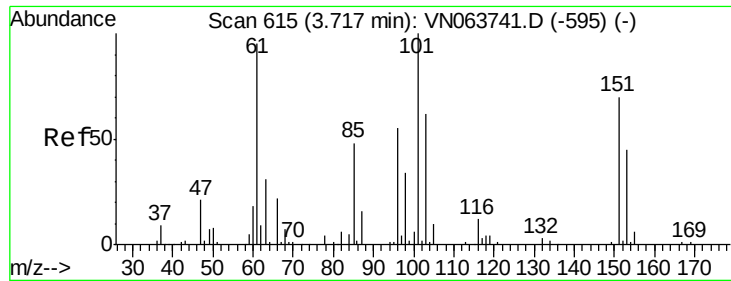


#8

Diethyl Ether
 Concen: 16.419 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 74 Resp: 29527
 Ion Ratio Lower Upper
 74 100
 45 116.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.948 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

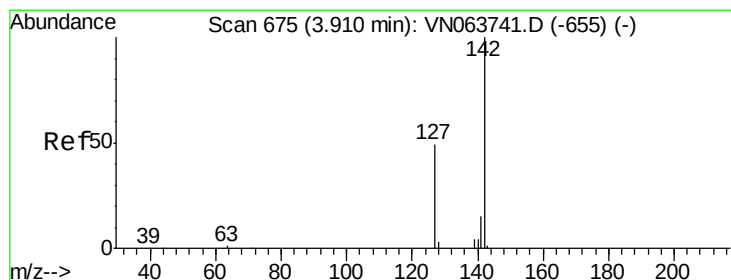
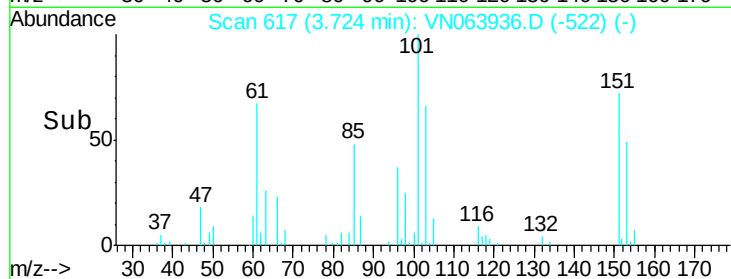
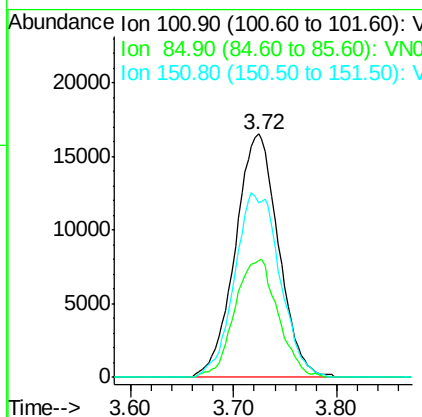
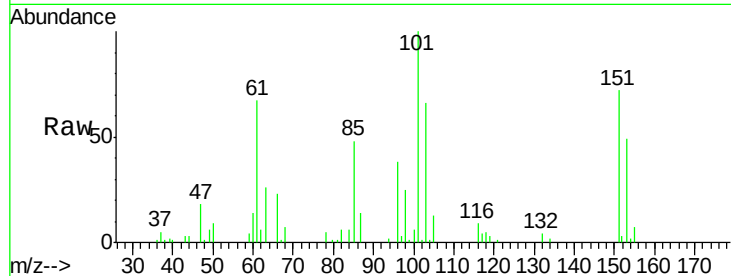
ClientSampled :

VN1007WBS01

Tot Ion:	101	Resp:	48167
Ion Ratio	Lower	Upper	
101	100		
85	48.5	38.6	58.0
151	79.4	58.7	88.1

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#10

Methyl Iodide

Concen: 16.377 ug/l

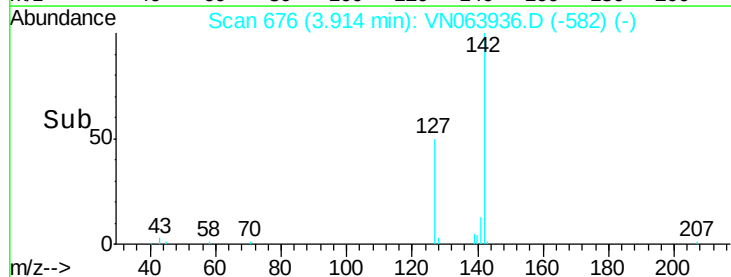
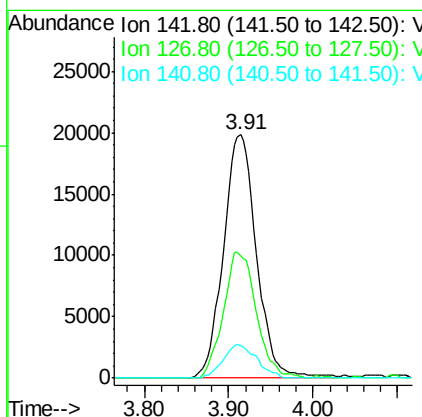
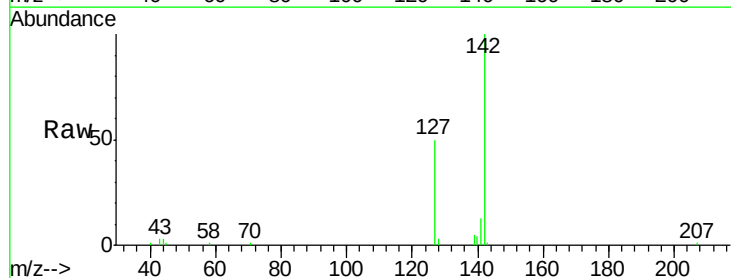
RT: 3.91 min Scan# 676

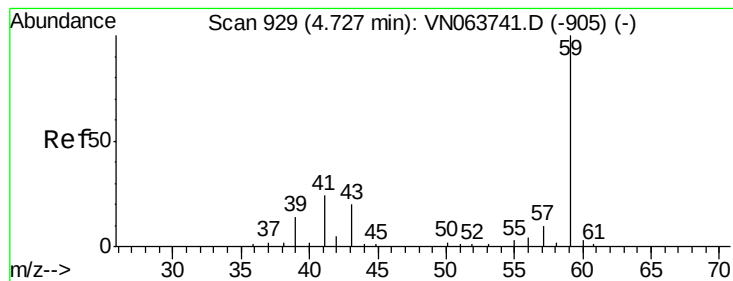
Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion:	142	Resp:	54044
Ion Ratio	Lower	Upper	
142	100		
127	51.6	40.5	60.7
141	14.0	11.7	17.5





#11

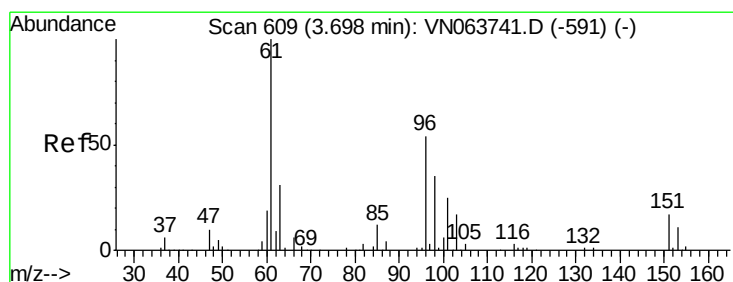
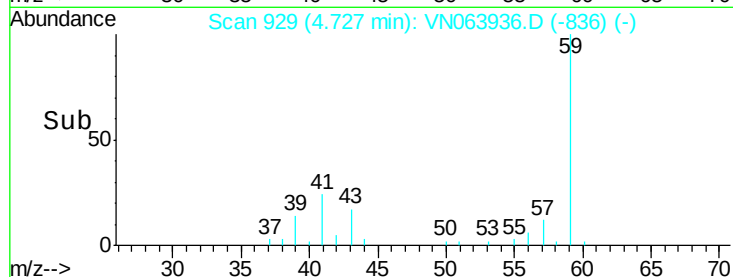
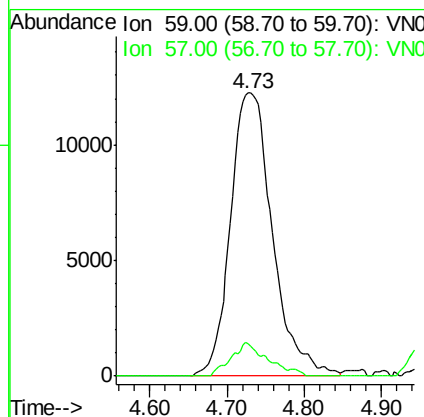
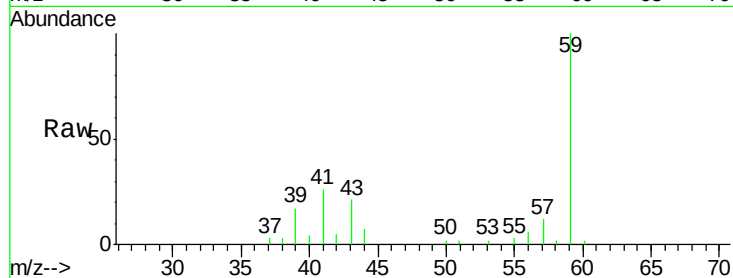
Tert butyl alcohol
 Concen: 93.731 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS01

Tot Ion: 59 Resp: 46120
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.7 13.1

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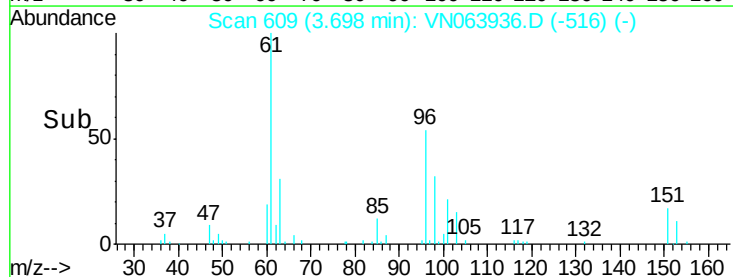
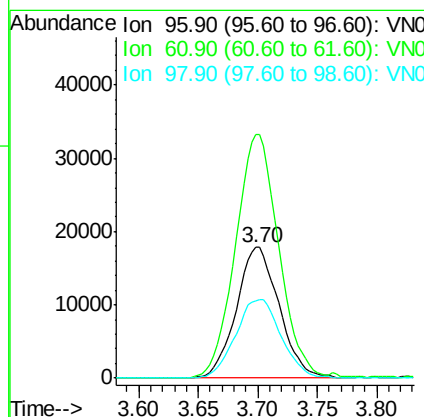
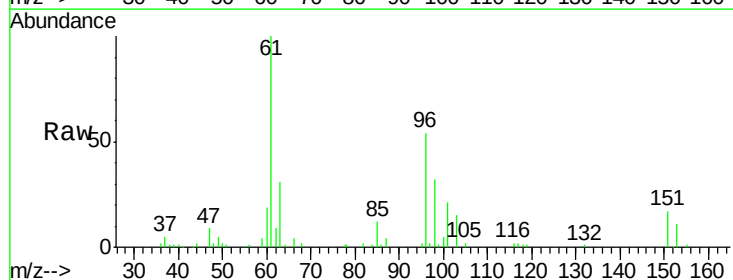
MMDadoda
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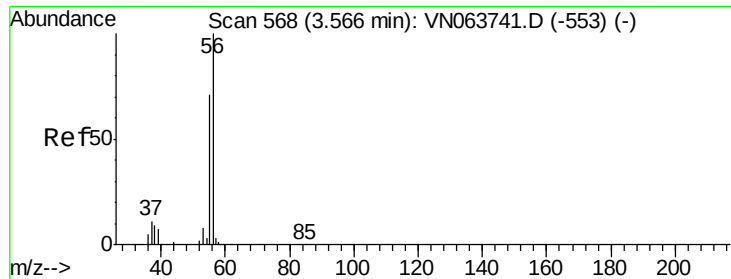


#12

1,1-Dichloroethene
 Concen: 16.386 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 96 Resp: 44514
 Ion Ratio Lower Upper
 96 100
 61 186.3 147.7 221.5
 98 59.0 51.9 77.9





#13

Acrolein

Concen: 108.579 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1007WBS01

Tot Ion: 56 Resp: 32790

Ion Ratio Lower Upper

56 100

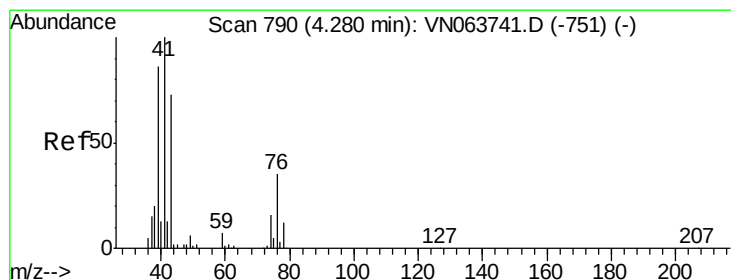
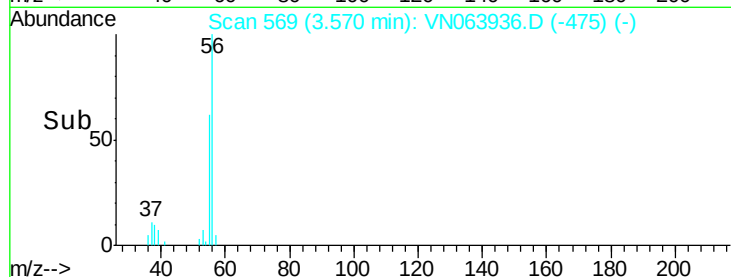
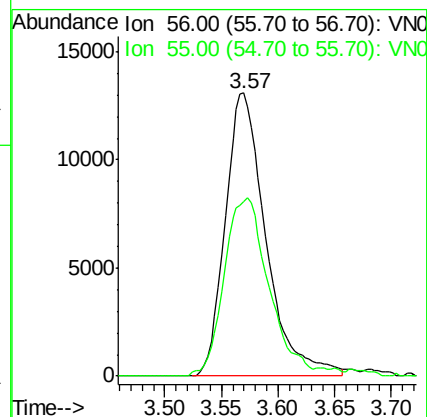
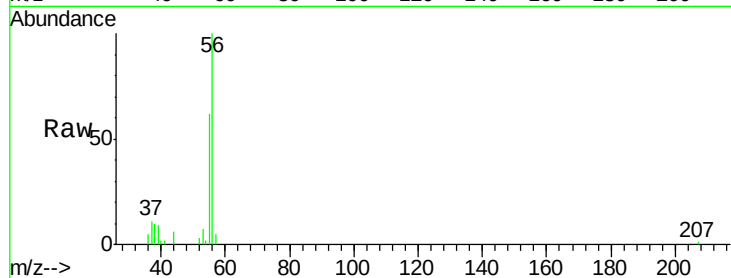
55 68.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 17.524 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

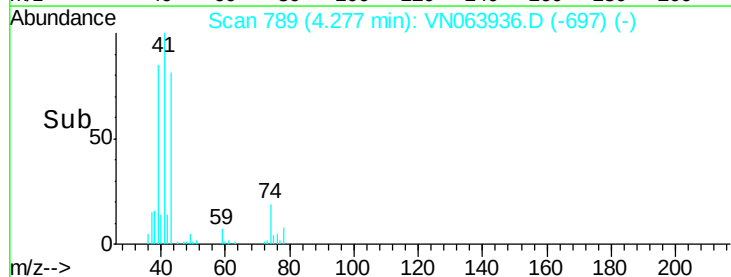
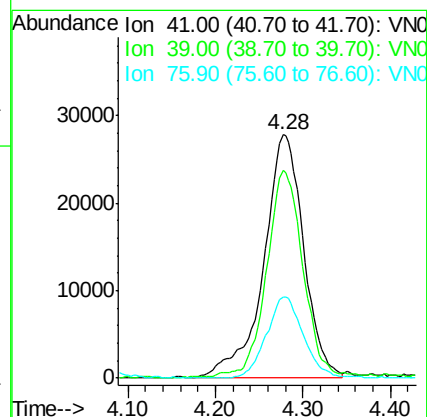
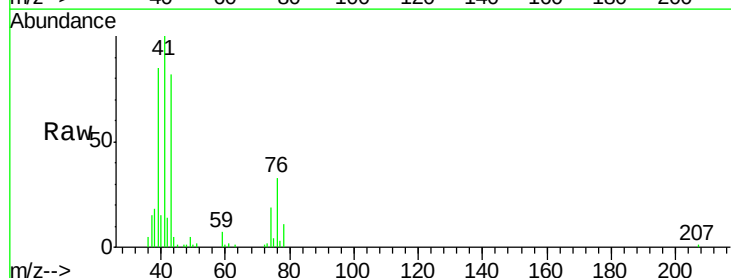
Tgt Ion: 41 Resp: 88442

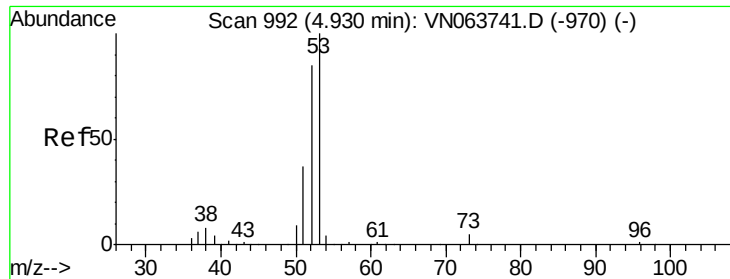
Ion Ratio Lower Upper

41 100

39 75.7 64.5 96.7

76 30.8 25.9 38.9





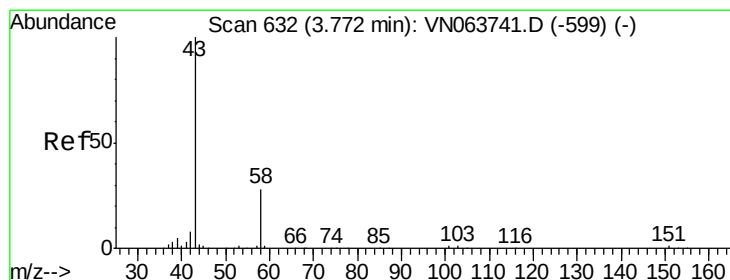
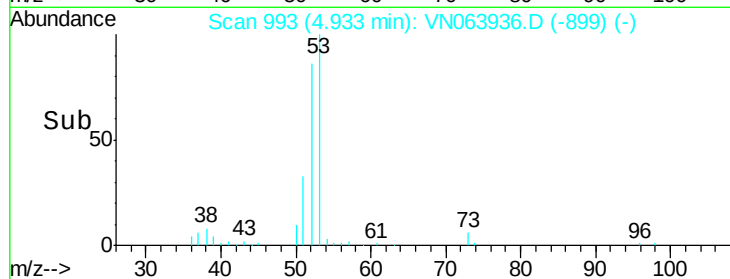
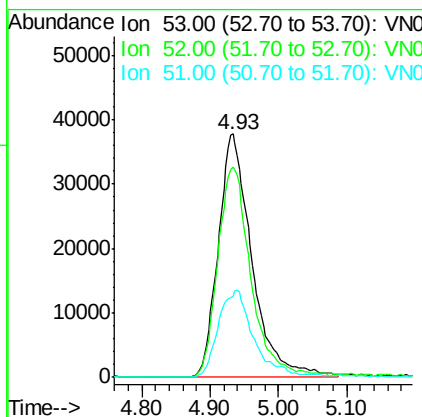
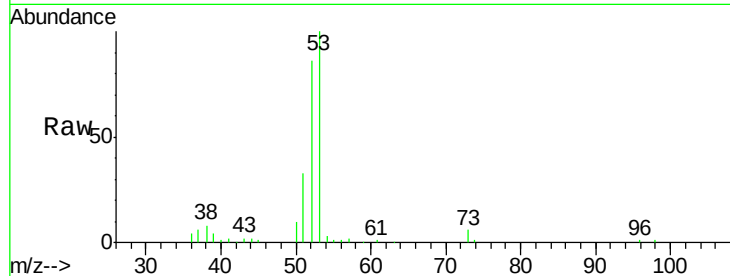
#15
 Acrylonitrile
 Concen: 91.870 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.5	99.7
51	37.6	29.9	44.9

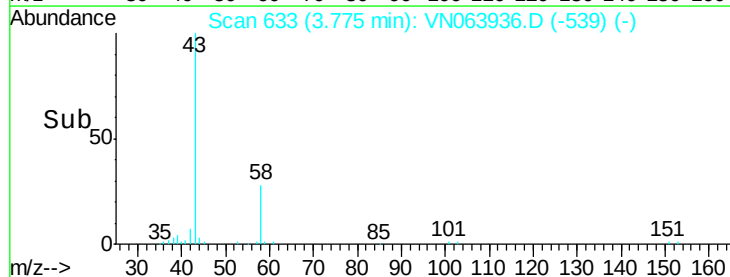
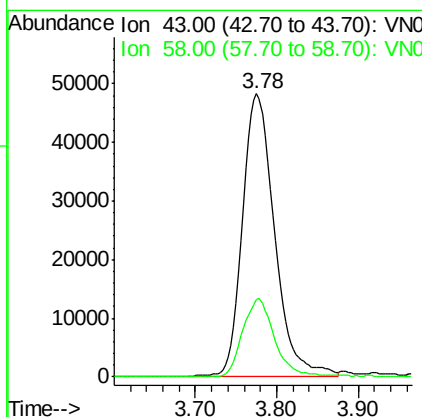
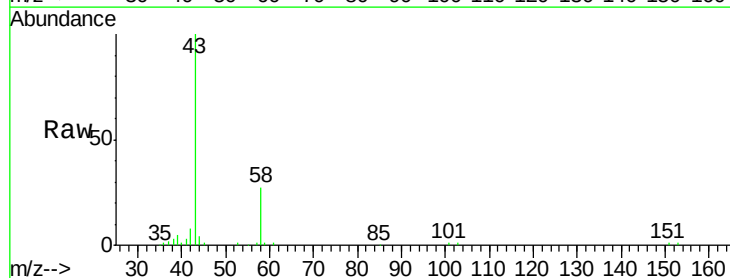
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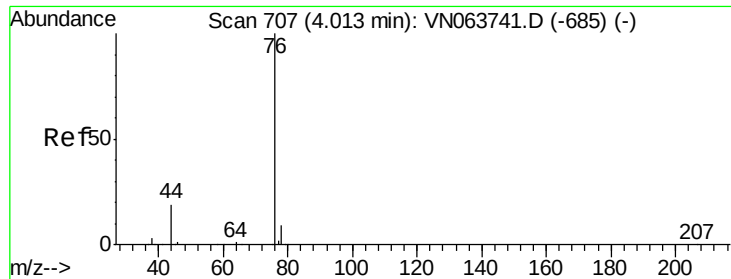
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#16
 Acetone
 Concen: 95.973 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.3	33.5





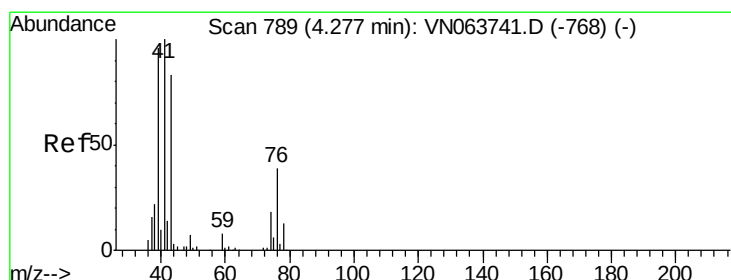
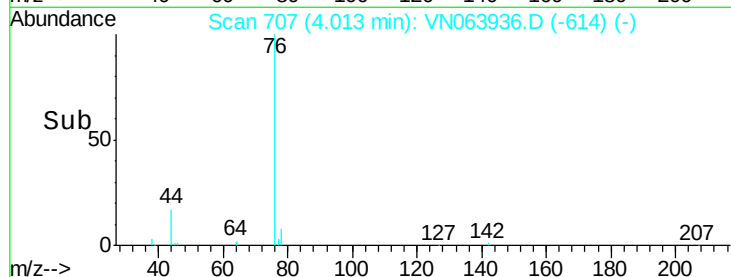
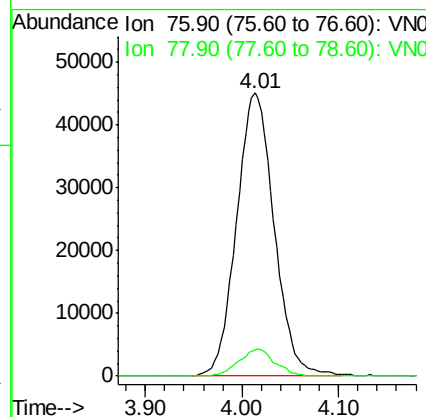
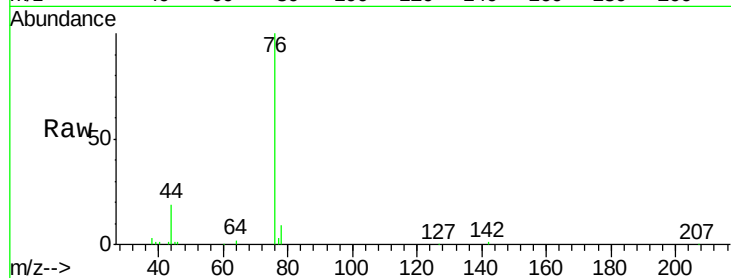
#17
Carbon Disulfide
Concen: 17.014 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4

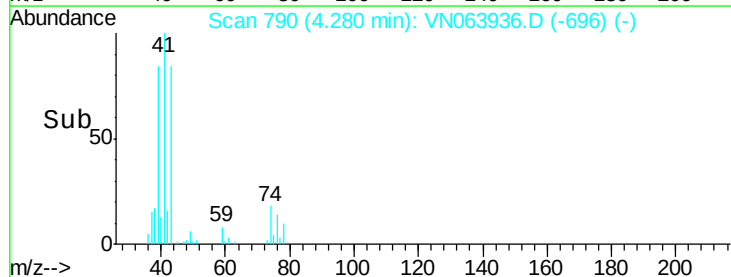
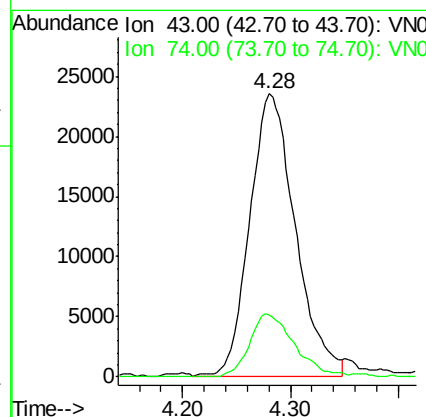
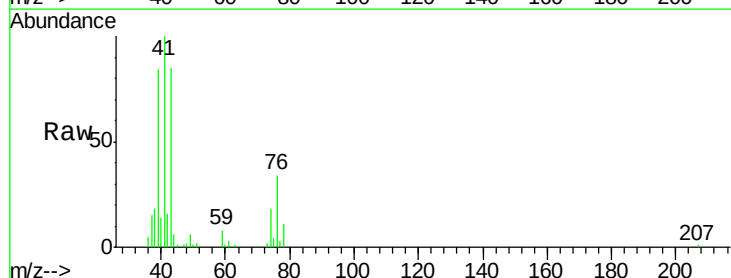
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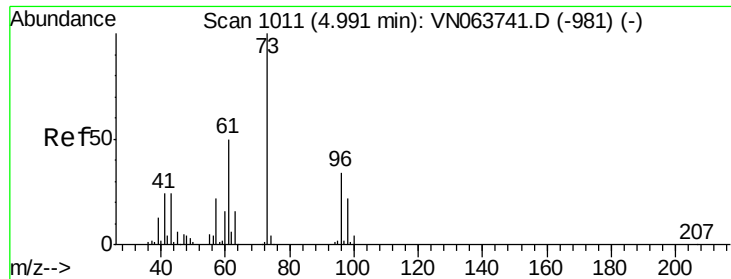
MMDadoda
10/8/2020 10:08:39 AM



#18
Methyl Acetate
Concen: 19.485 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.4	26.2





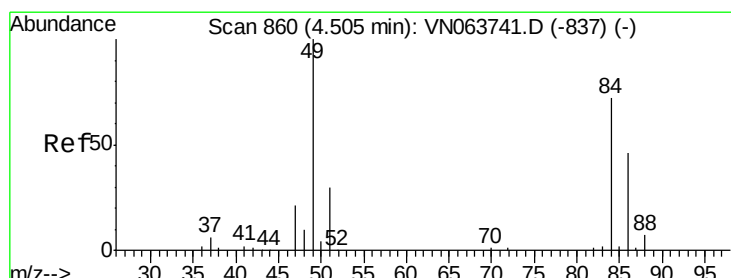
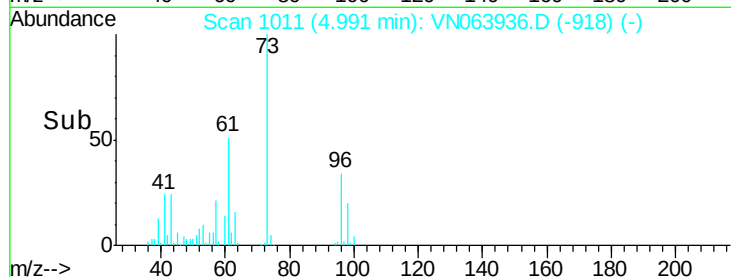
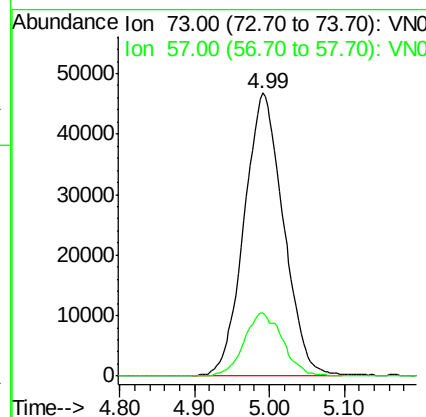
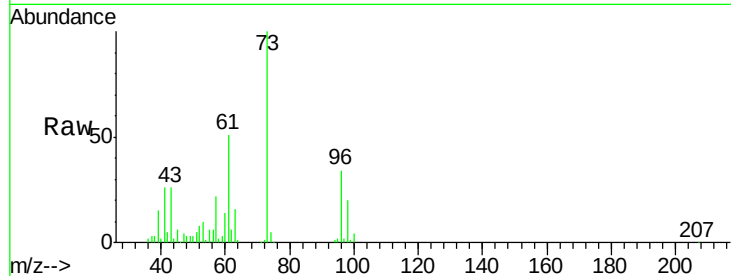
#19
Methyl tert-butyl Ether
Concen: 17.354 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion: 73 Resp: 171271
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

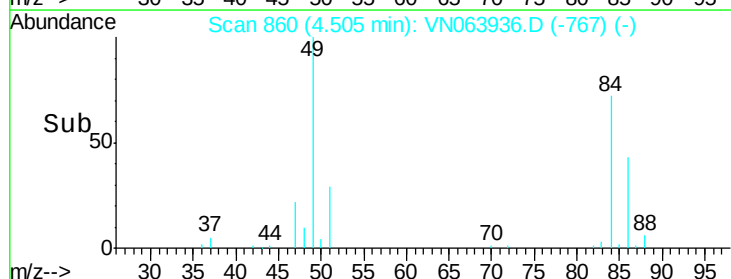
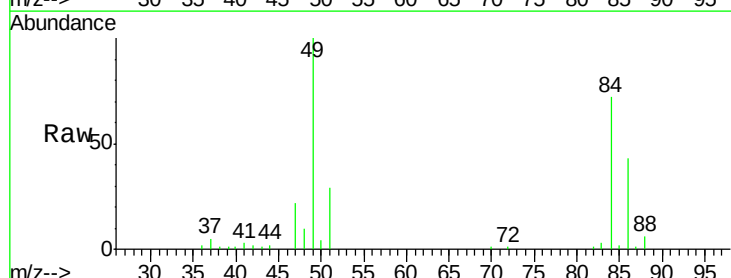
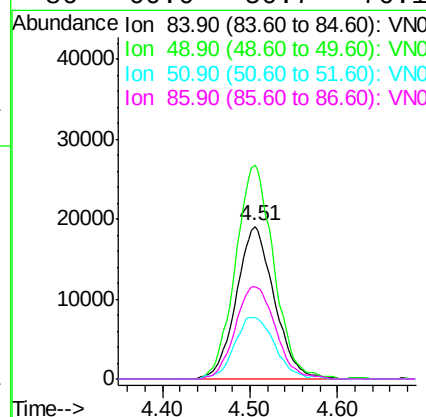
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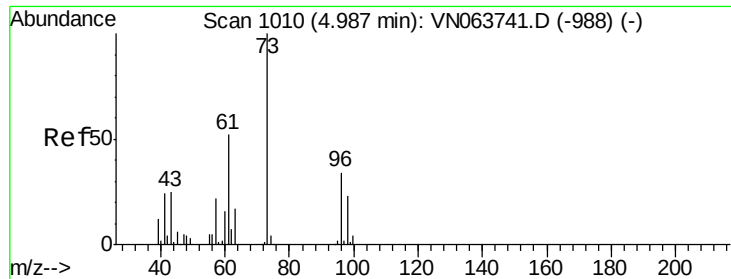
MMDadoda
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#20
Methylene Chloride
Concen: 18.386 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 84 Resp: 57582
Ion Ratio Lower Upper
84 100
49 139.6 110.4 165.6
51 40.0 33.3 49.9
86 60.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 16.706 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

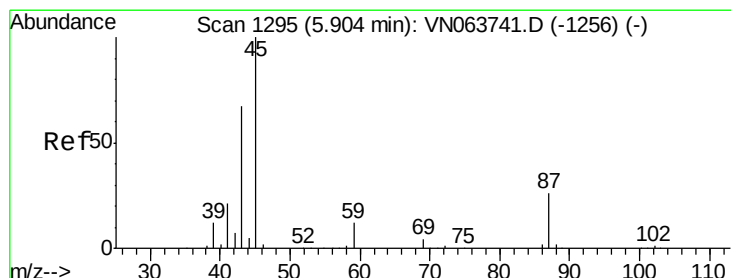
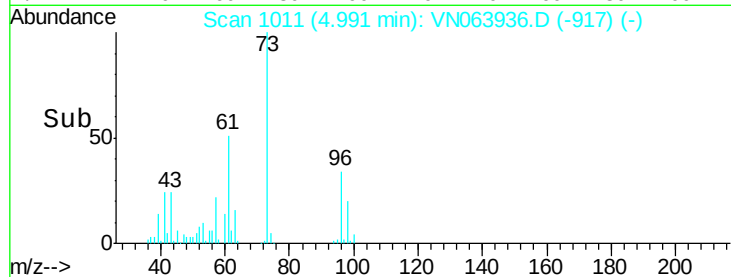
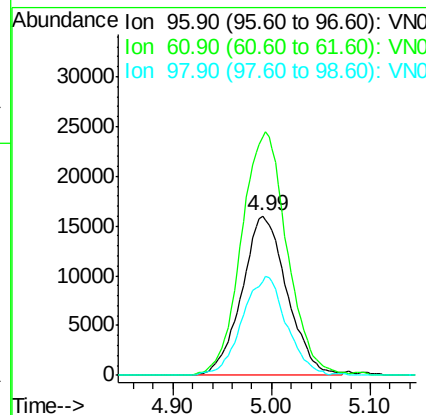
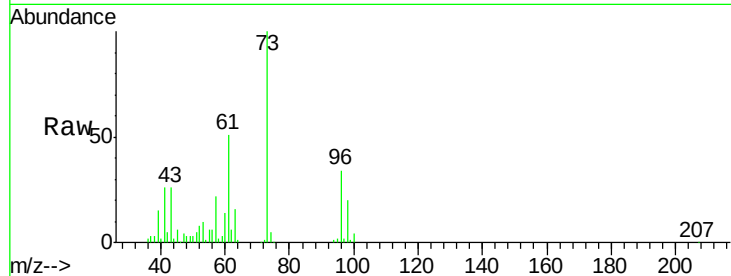
ClientSampled :

VN1007WBS01

Tot Ion:	96	Resp:	50833
Ion	Ratio	Lower	Upper
96	100		
61	149.5	120.2	180.2
98	58.9	52.6	79.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.674 ug/l

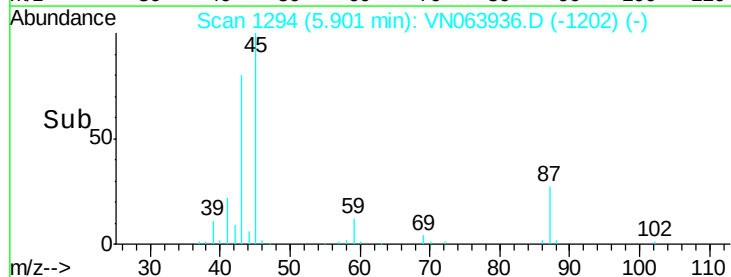
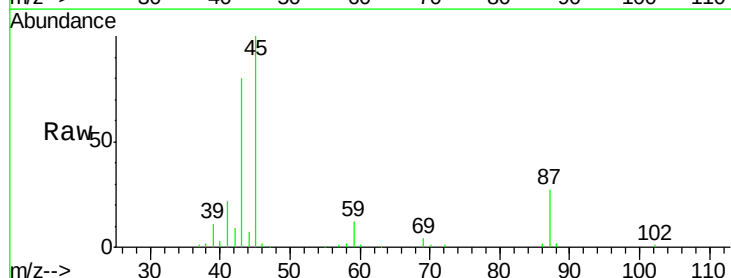
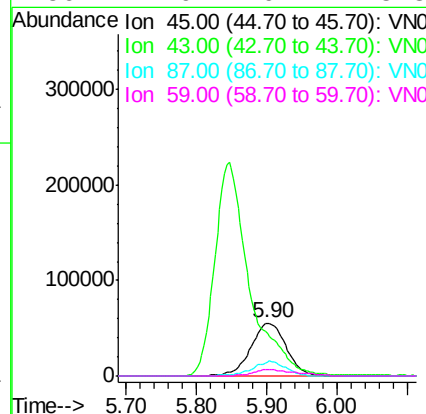
RT: 5.90 min Scan# 1294

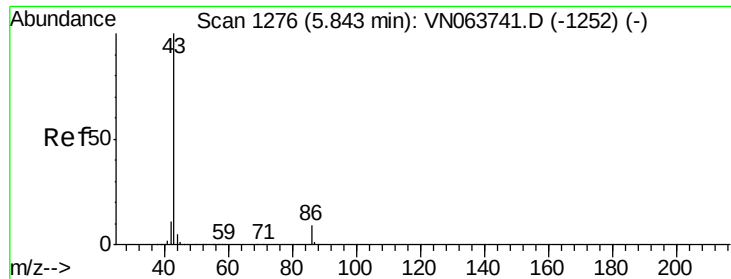
Delta R.T. -0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion:	45	Resp:	193906
Ion	Ratio	Lower	Upper
45	100		
43	77.7	53.7	80.5
87	27.5	21.1	31.7
59	11.9	9.2	13.8





#23

Vinyl Acetate

Concen: 89.240 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1007WBS01

Tot Ion: 43 Resp: 767583

Ion Ratio Lower Upper

43 100

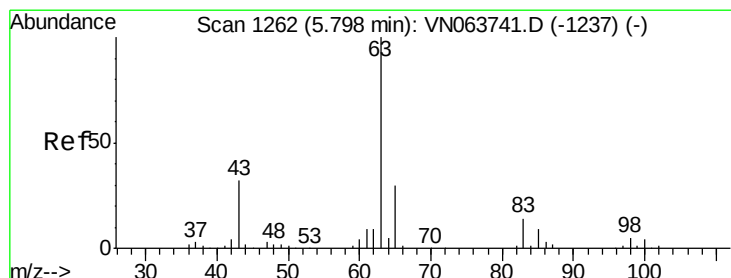
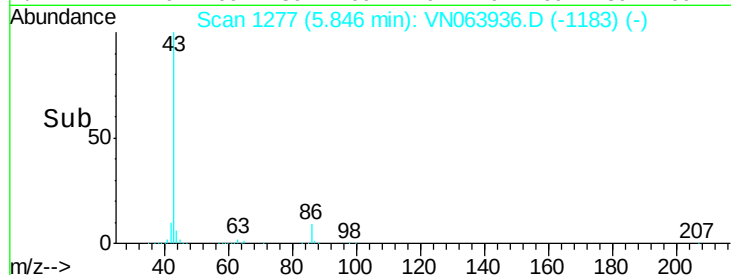
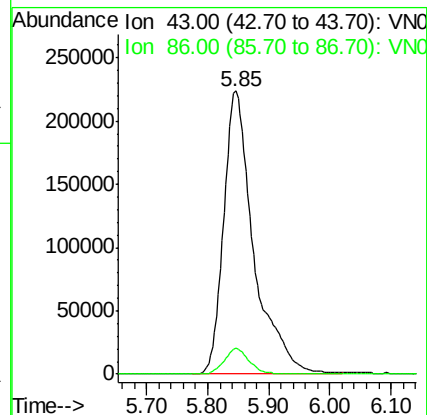
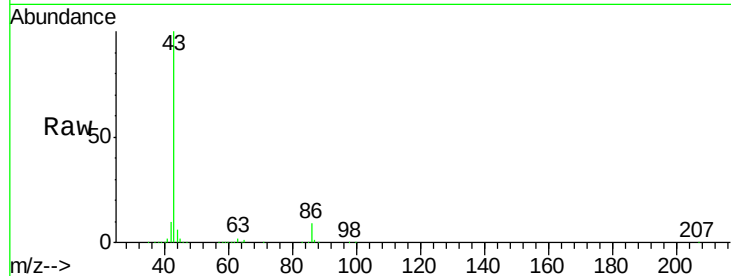
86 9.1 7.3 10.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.268 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

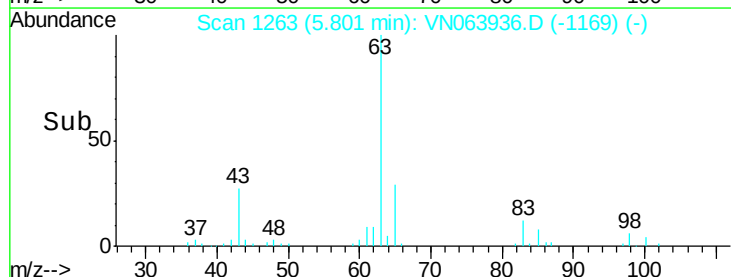
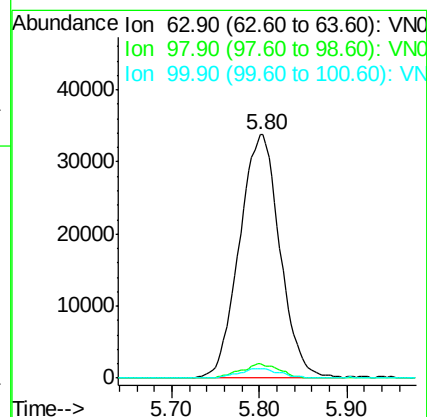
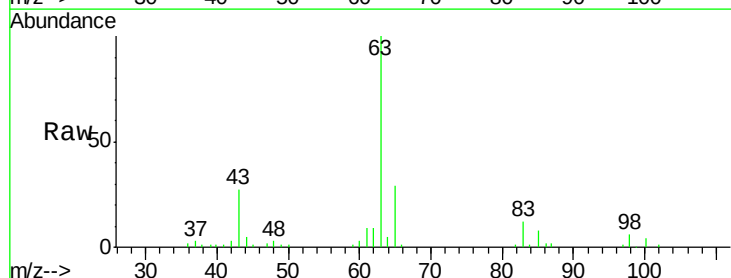
Tgt Ion: 63 Resp: 108458

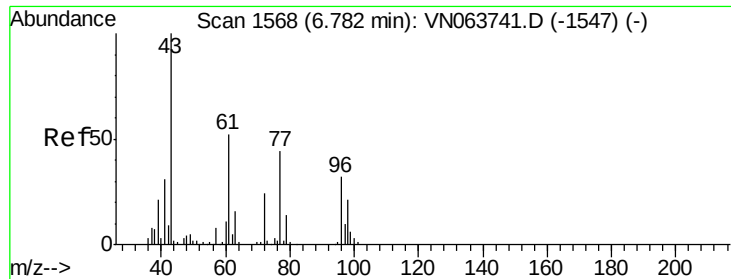
Ion Ratio Lower Upper

63 100

98 5.8 2.7 8.1

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 96.731 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1007WBS01

Tot Ion: 43 Resp: 188150

Ion Ratio Lower Upper

43 100

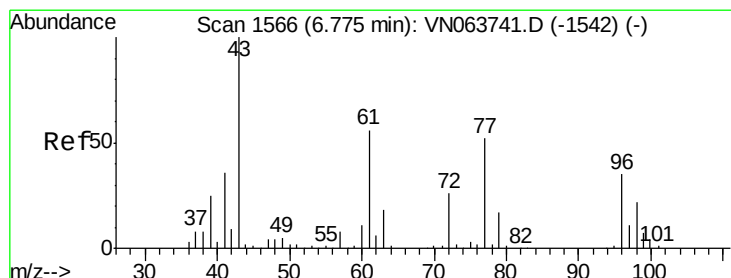
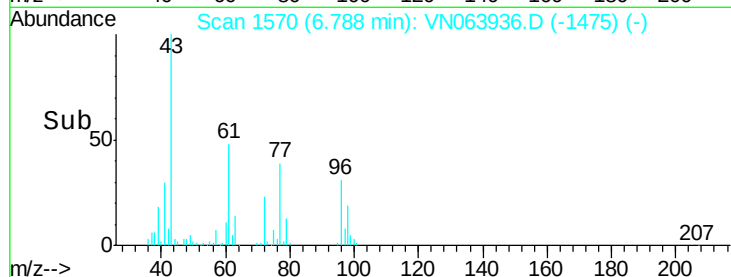
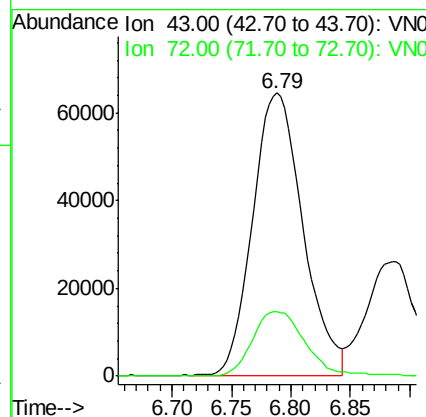
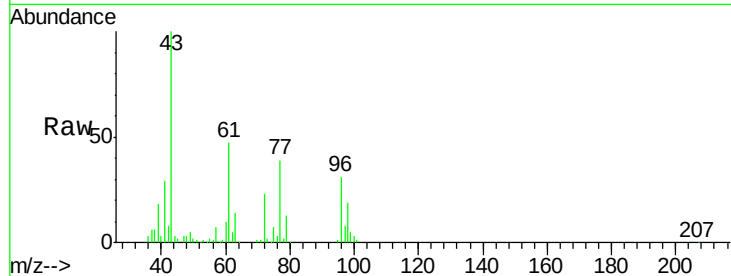
72 22.7 19.3 28.9

Manual Integrations

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10/8/2020 10:08:39 AM



#26

2,2-Dichloropropane

Concen: 17.209 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063936.D

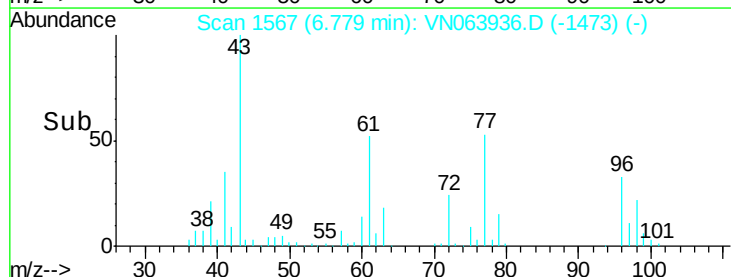
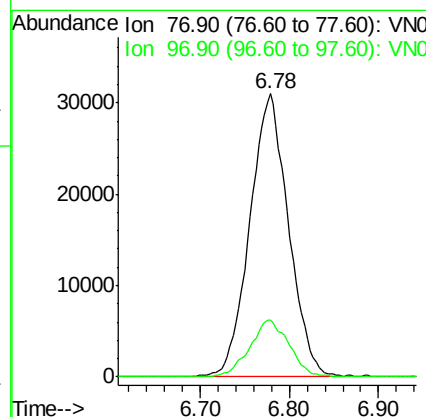
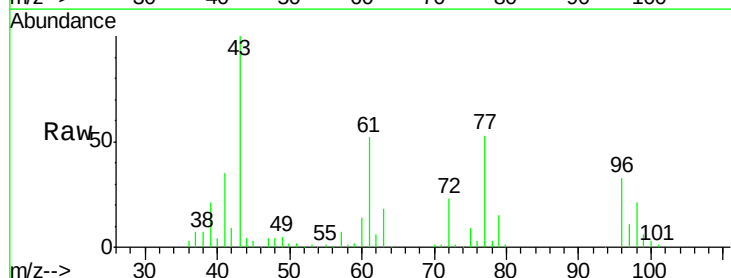
Acq: 7 Oct 2020 11:44

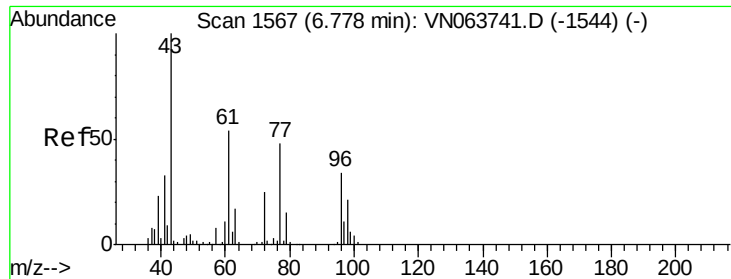
Tgt Ion: 77 Resp: 93567

Ion Ratio Lower Upper

77 100

97 20.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 17.214 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

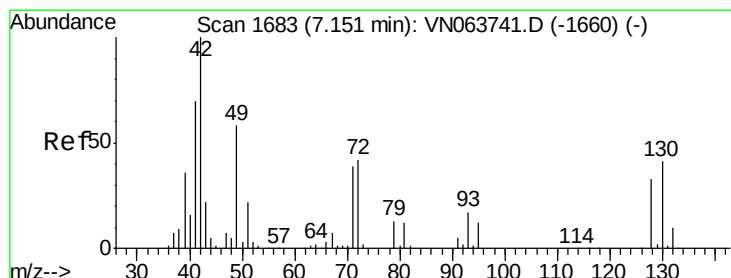
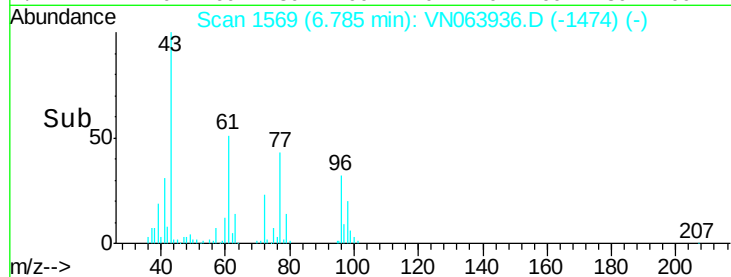
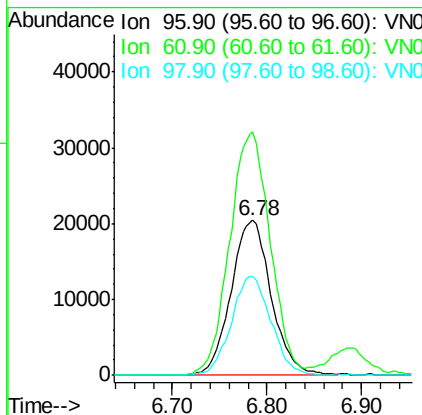
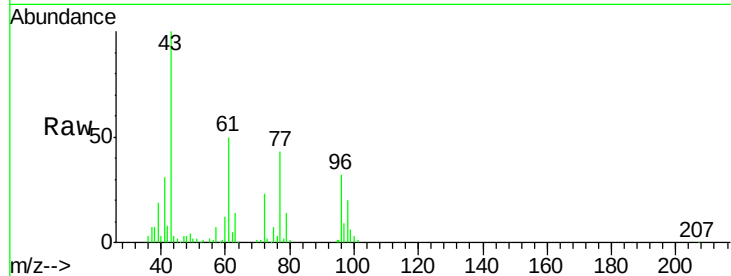
ClientSampled :

VN1007WBS01

Tot Ion:	96	Resp:	60241
Ion	Ratio	Lower	Upper
96	100		
61	158.2	0.0	321.2
98	62.7	0.0	124.4

Manual Integrations
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#28

Bromochloromethane

Concen: 18.685 ug/l

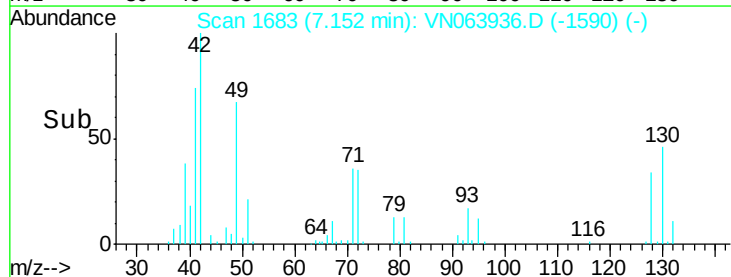
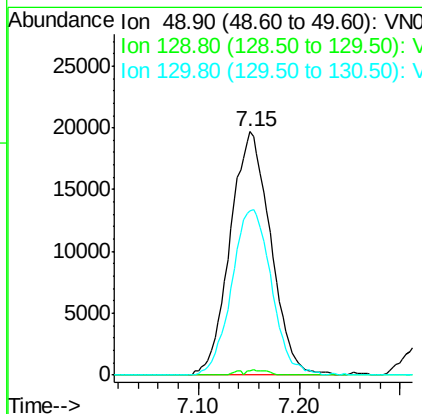
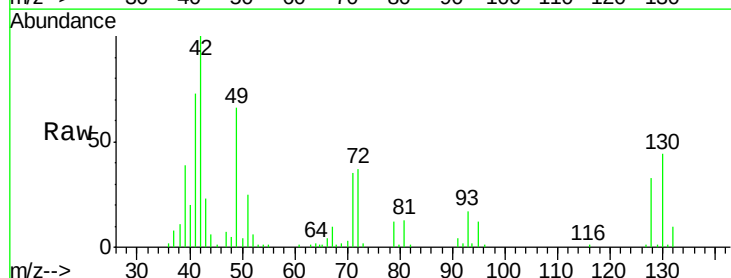
RT: 7.15 min Scan# 1683

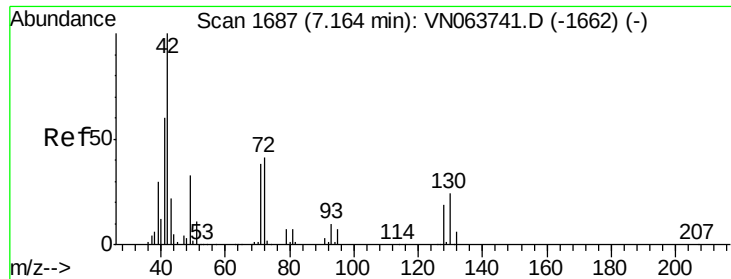
Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion:	49	Resp:	54830
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.8
130	66.7	55.6	83.4





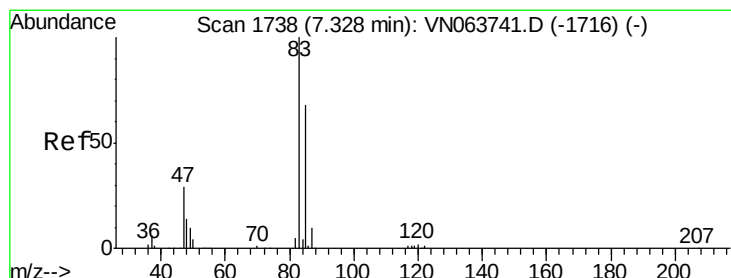
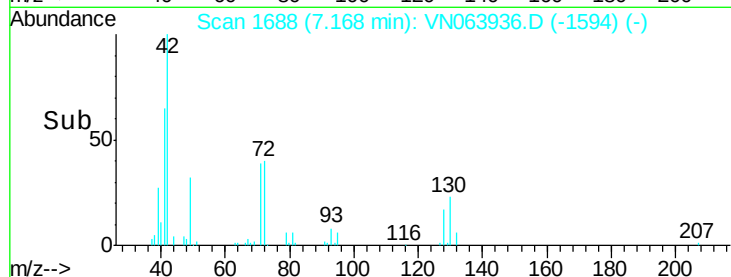
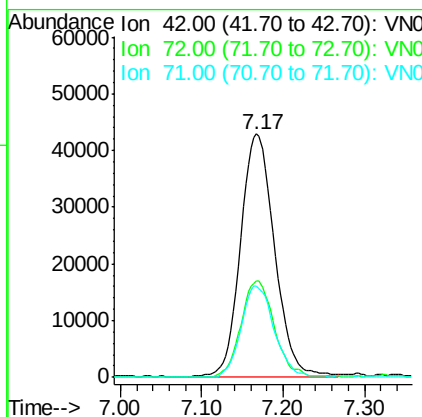
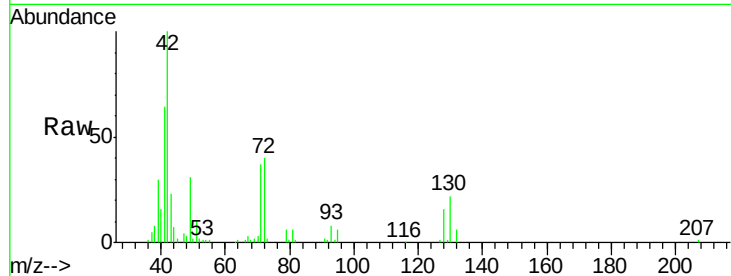
#29
Tetrahydrofuran
Concen: 95.365 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	32.8	49.2
71	36.4	30.6	45.8

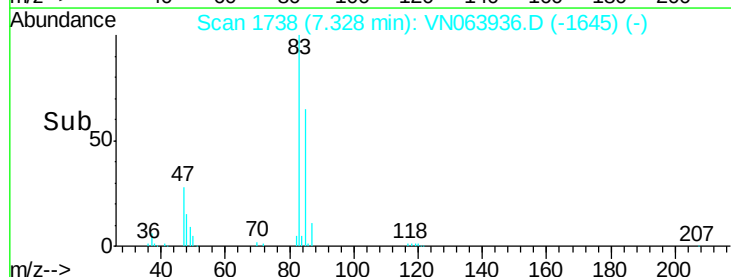
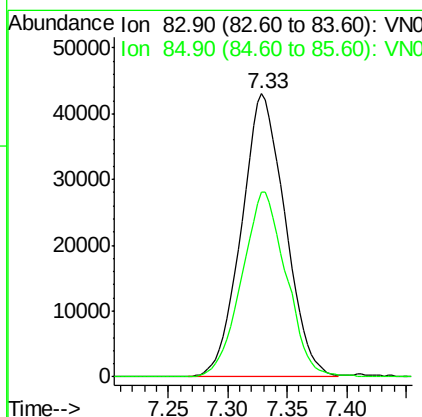
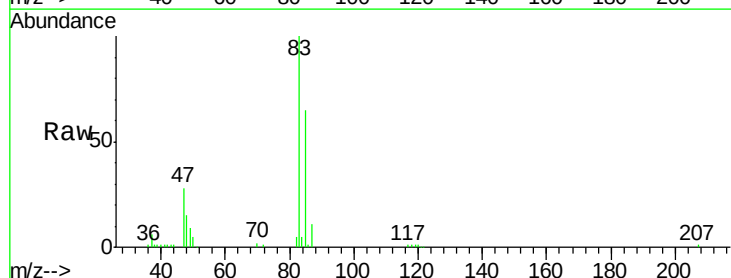
Manual Integrations
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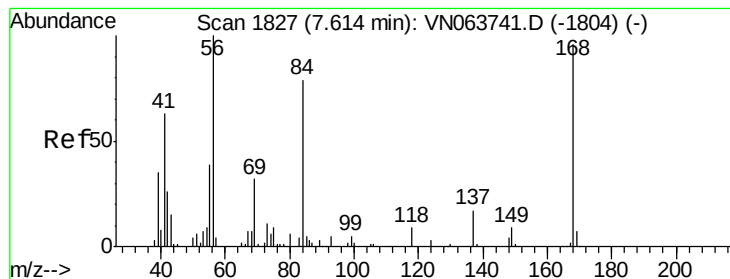
MMDadoda
10/8/2020 10:08:39 AM



#30
Chloroform
Concen: 17.711 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	54.6	82.0





#31

Cyclohexane

Concen: 16.521 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

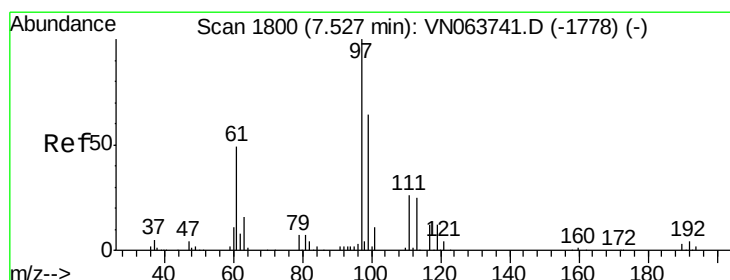
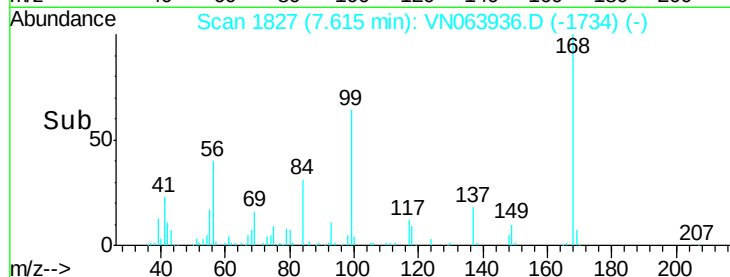
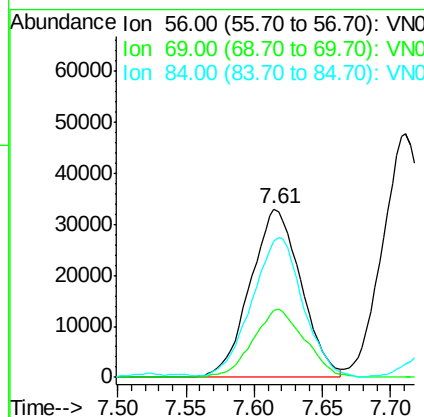
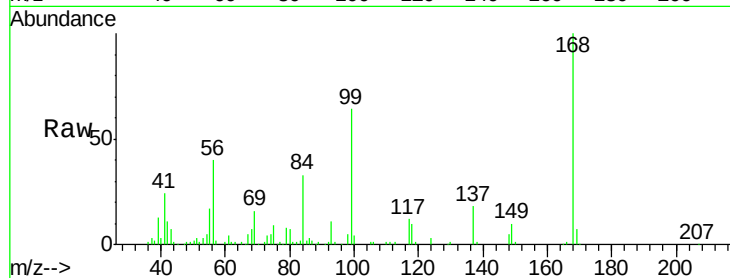
ClientSampled :

VN1007WBS01

Tot Ion:	56	Resp:	85480
Ion Ratio	Lower	Upper	
56	100		
69	40.1	25.4	38.2#
84	79.5	63.3	94.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.397 ug/l

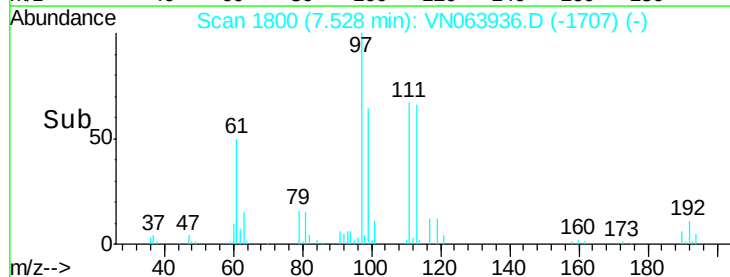
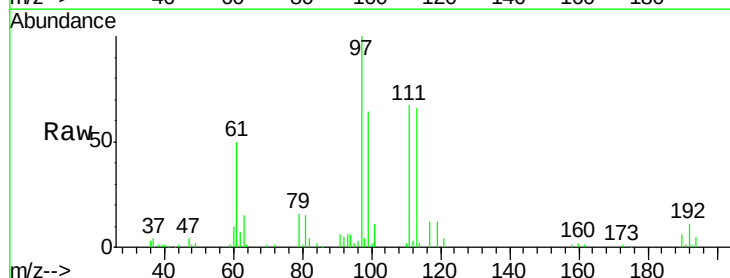
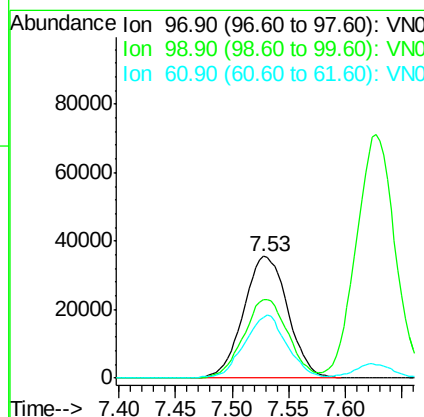
RT: 7.53 min Scan# 1800

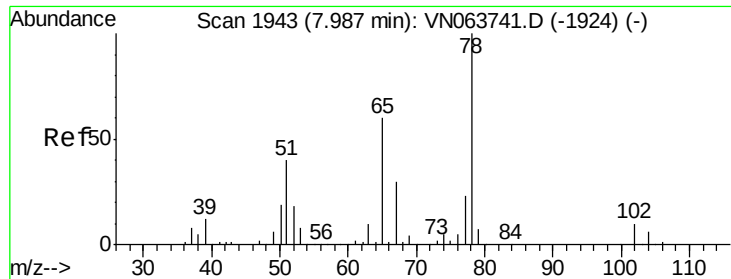
Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion:	97	Resp:	97138
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.0	76.6
61	49.3	38.7	58.1





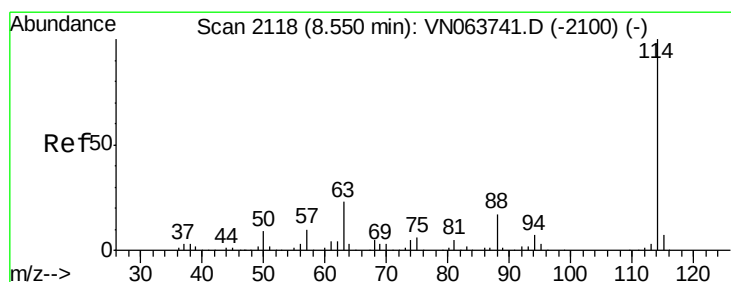
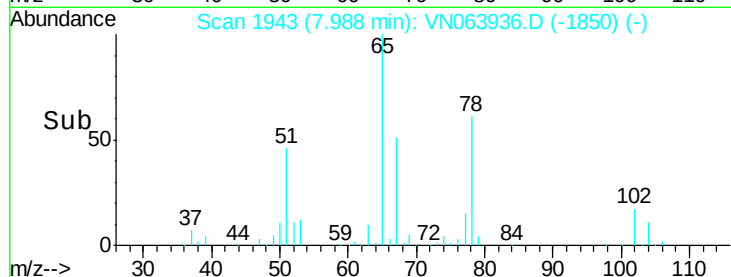
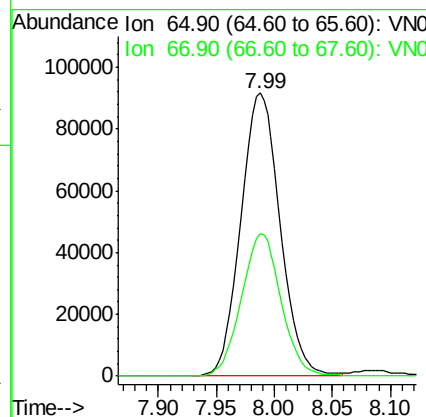
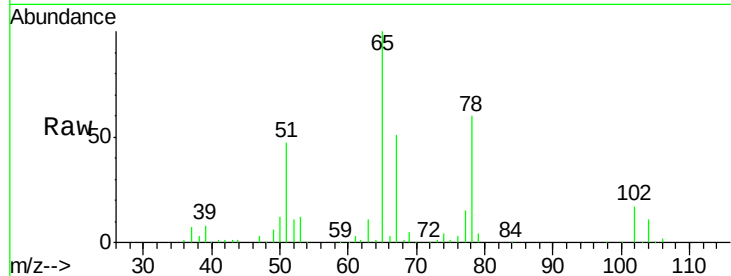
#33
 1,2-Dichloroethane-d4
 Concen: 48.389 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215663		
67	50.7	0.0	99.6	

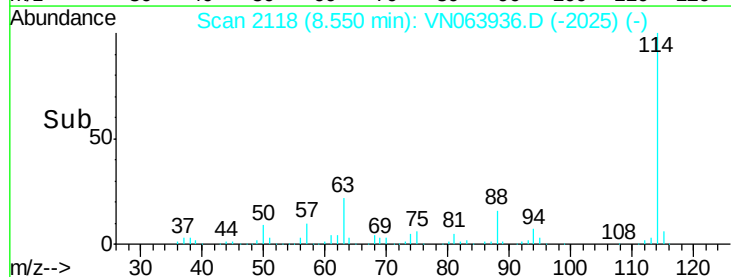
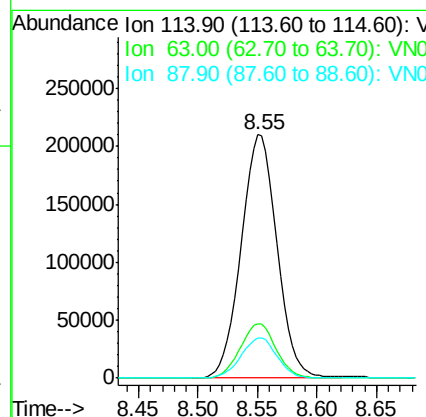
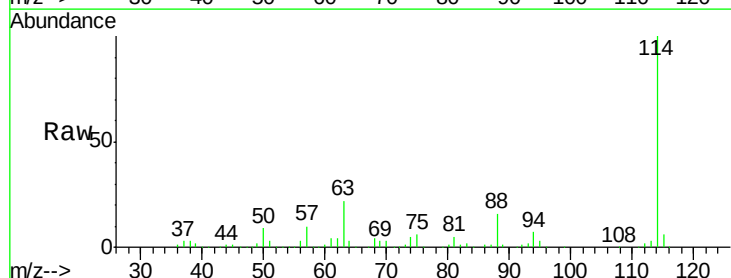
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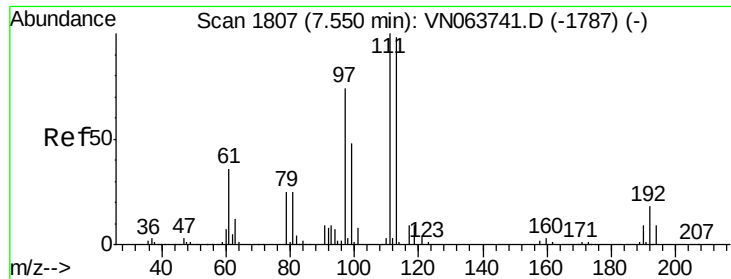
MMDadoda
 10/8/2020 10:08:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	438723		
63	22.5	0.0	45.0	
88	16.3	0.0	34.0	





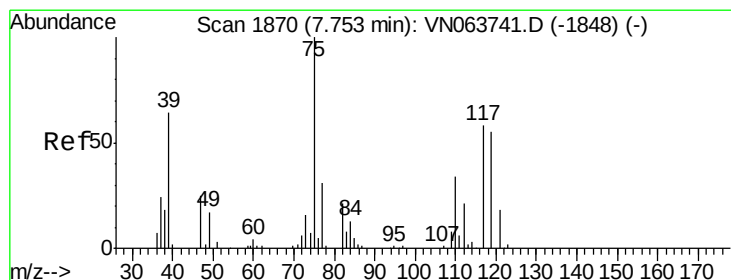
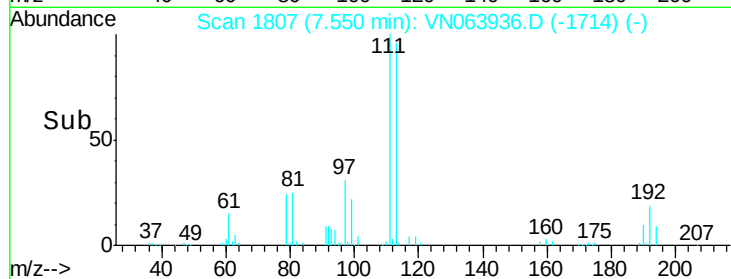
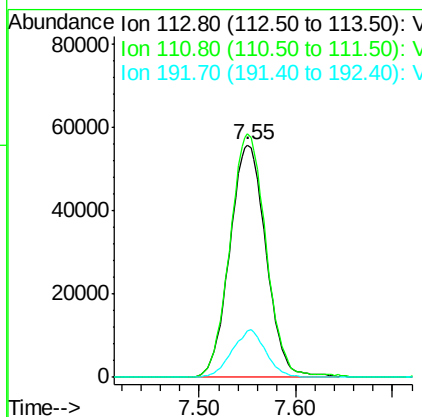
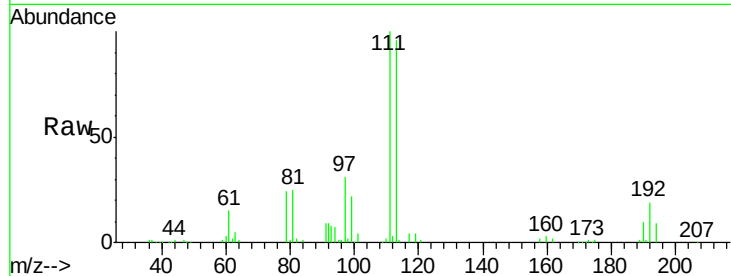
#35
 Dibromofluoromethane
 Concen: 47.978 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146053		
111	103.4	81.8	122.8	
192	18.8	14.2	21.2	

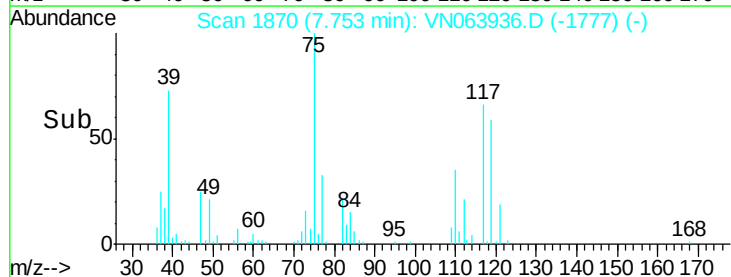
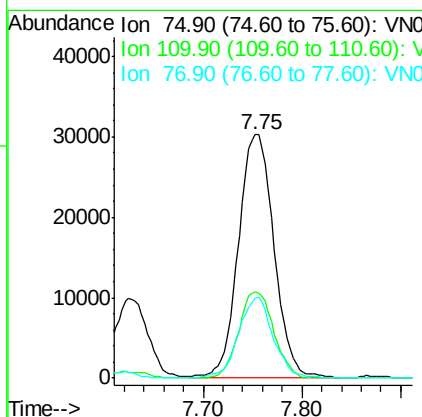
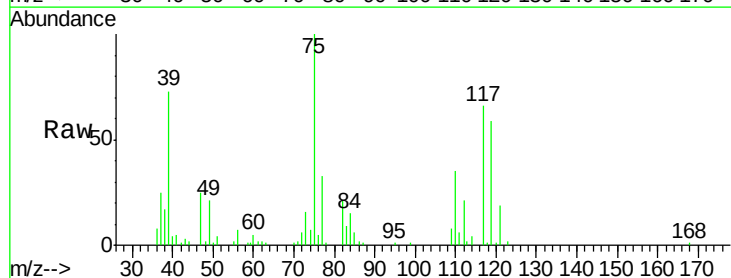
Manual Integrations
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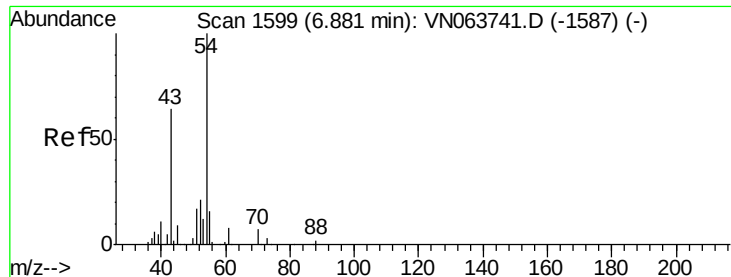
MMDadoda
 10/8/2020 10:08:39 AM



#36
 1,1-Dichloropropene
 Concen: 17.061 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75831		
110	34.6	16.9	50.6	
77	32.0	24.5	36.7	





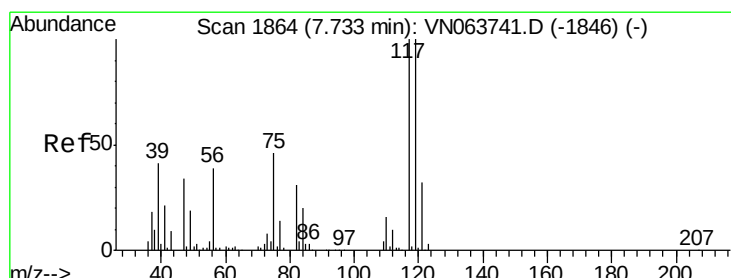
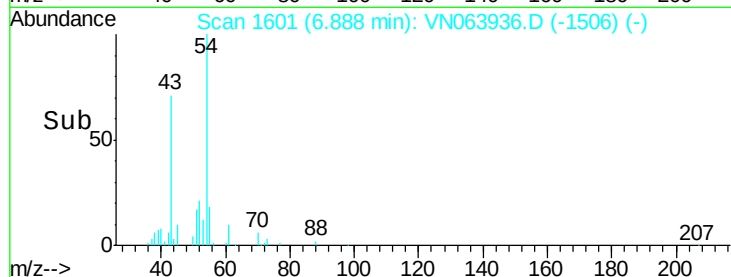
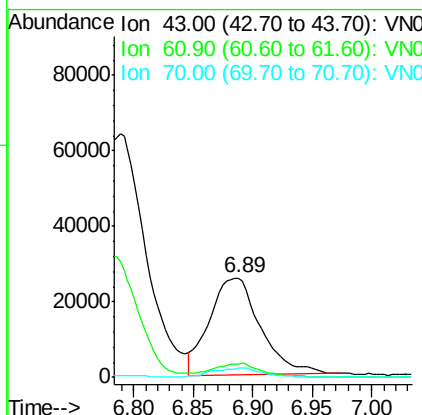
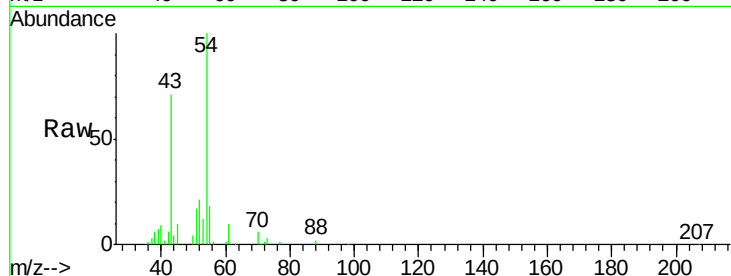
#37
Ethyl Acetate
Concen: 17.244 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS01

Tot Ion	43	61	70
Resp	76146		
Ratio	100	11.1	9.2
Lower		10.4	7.3
Upper		15.6	10.9

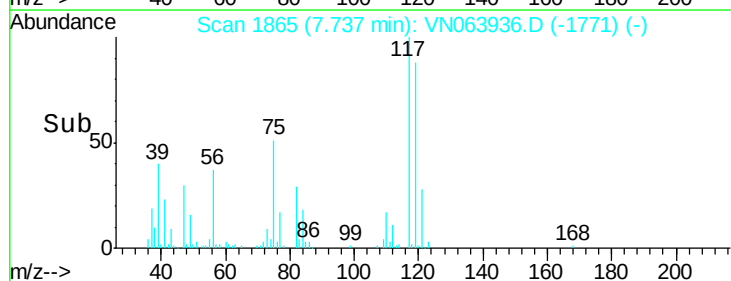
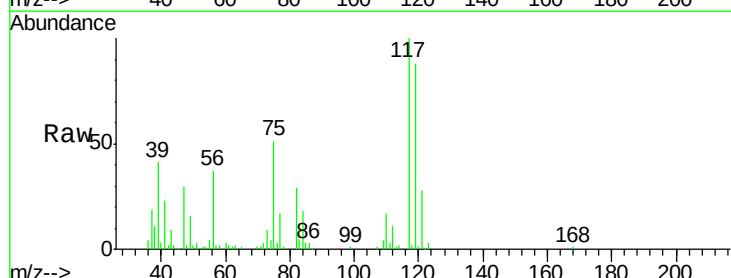
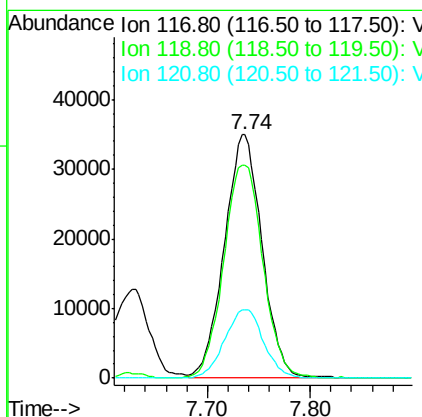
Manual Integrations
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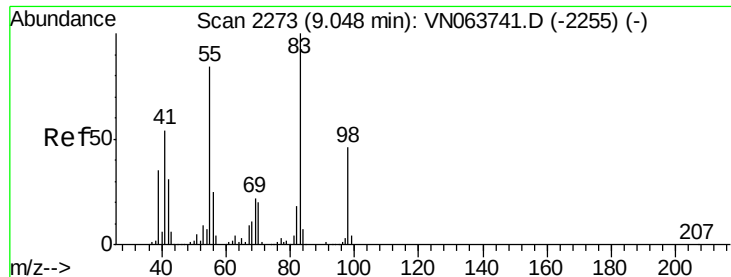
MMDadoda
10/8/2020 10:08:39 AM



#38
Carbon Tetrachloride
Concen: 17.843 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	117	119	121
Resp	88932		
Ratio	100	87.5	28.2
Lower		80.1	25.7
Upper		120.1	38.5





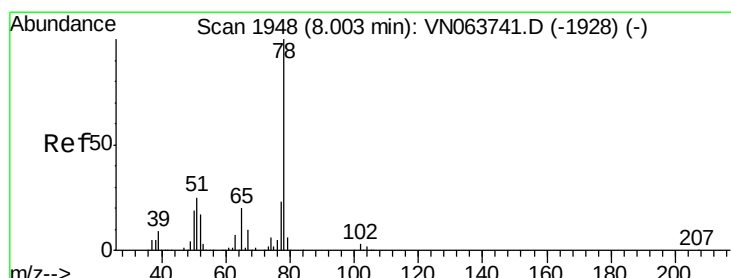
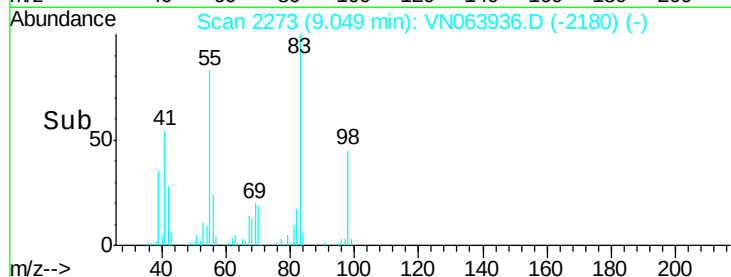
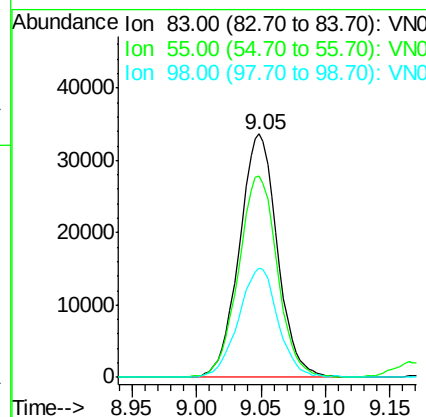
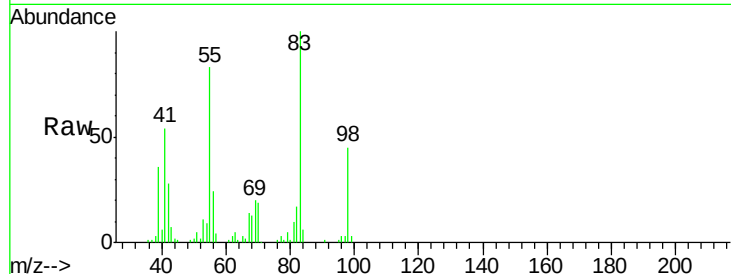
#39
Methylvlcyclohexane
Concen: 15.553 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.5	67.1	100.7	
98	44.9	36.6	54.8	

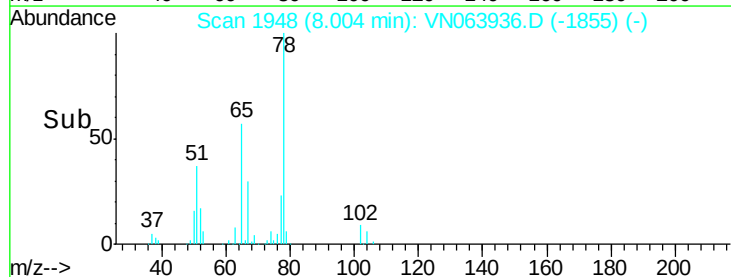
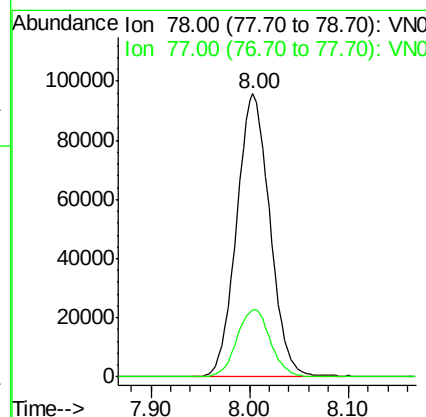
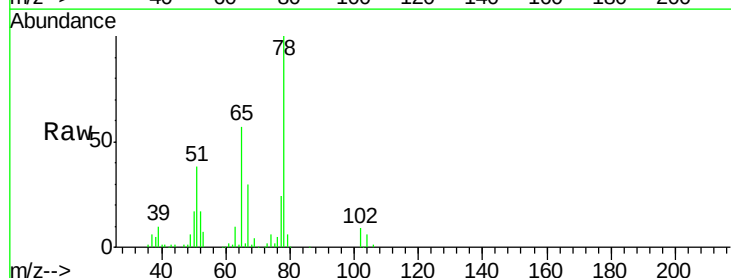
Manual Integrations
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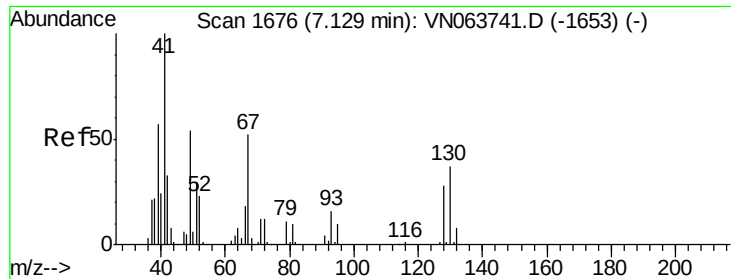
MMDadoda
10/8/2020 10:08:39 AM



#40
Benzene
Concen: 17.689 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	18.7	28.1	





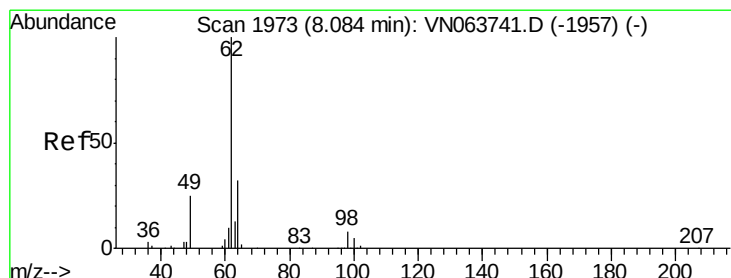
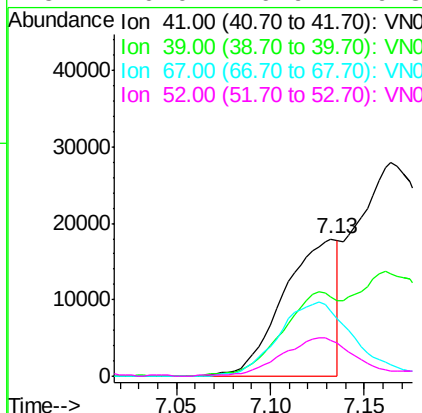
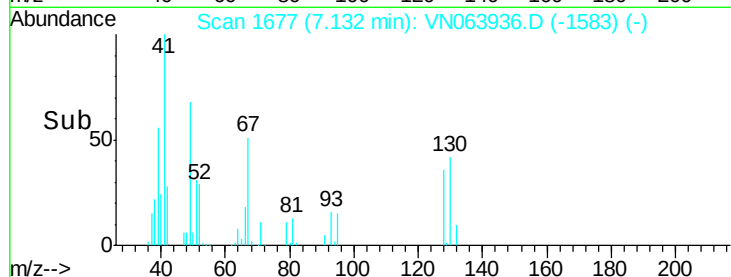
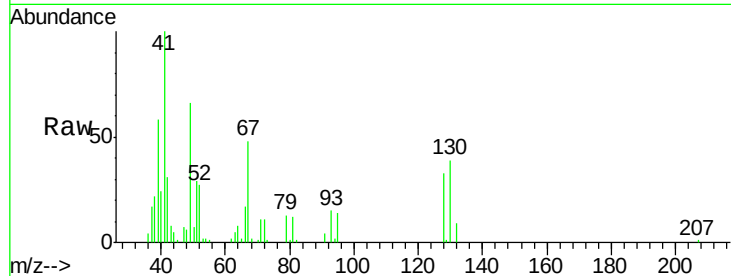
#41
Methacrylonitrile
Concen: 18.284 ug/l m
RT: 7.13 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

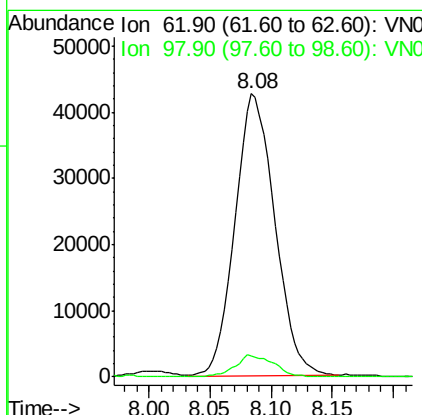
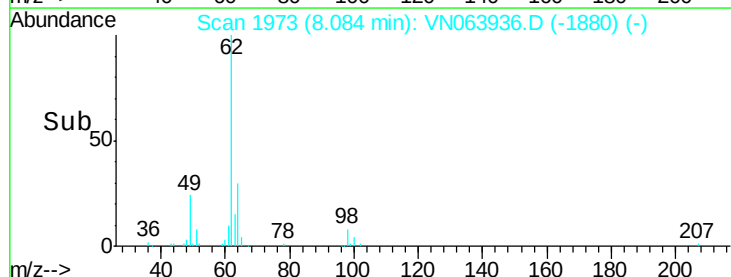
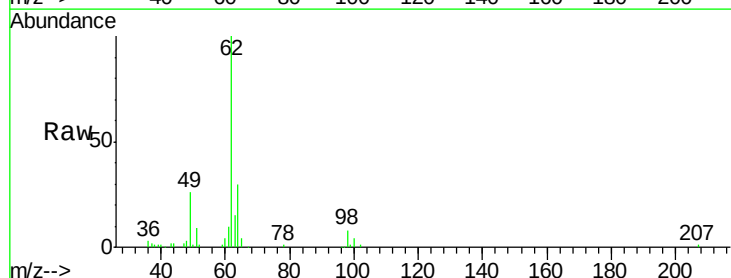
Manual Integrations
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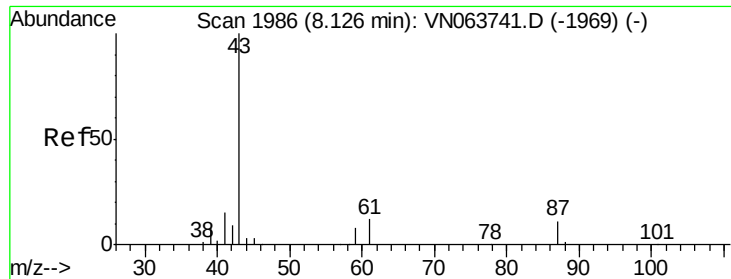
MMDadoda
10/8/2020 10:08:39 AM



#42
1,2-Dichloroethane
Concen: 17.841 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.0





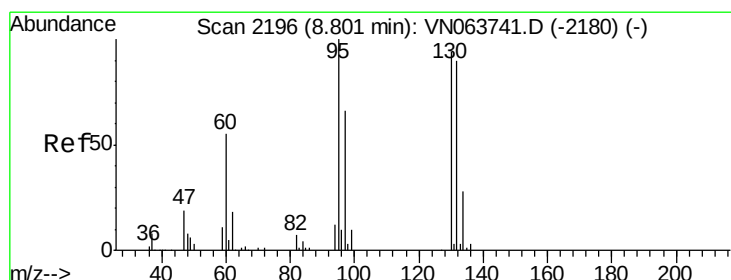
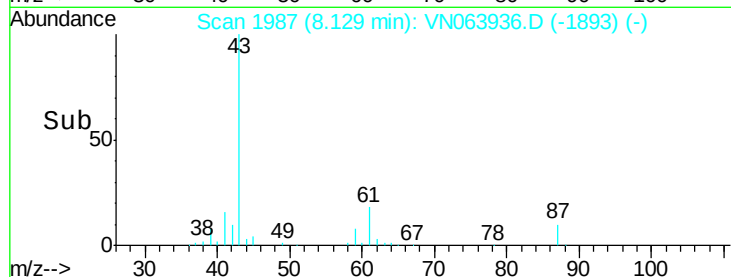
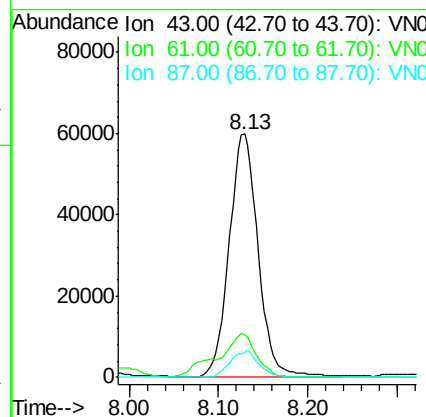
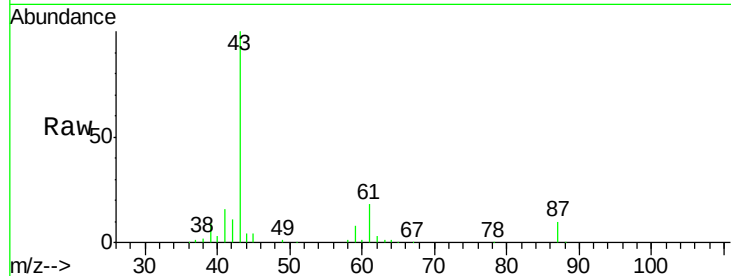
#43
Isopropyl Acetate
Concen: 18.554 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.4	14.2	21.4#
87	10.9	9.0	13.6

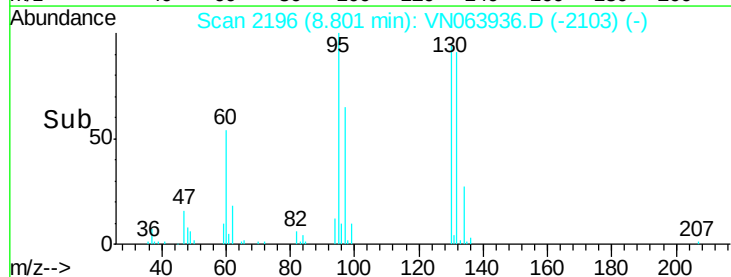
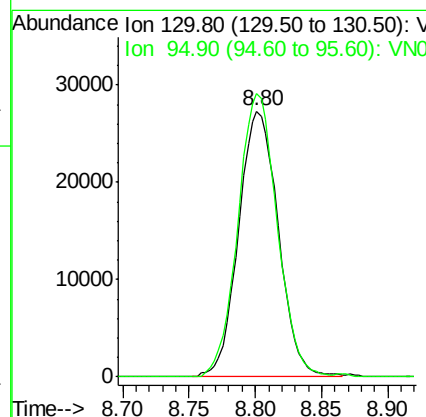
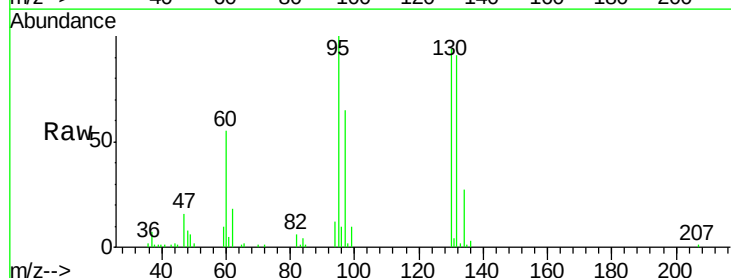
Manual Integrations
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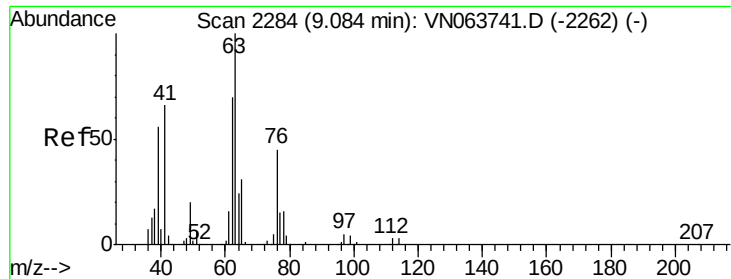
MMDadoda
10/8/2020 10:08:39 AM



#44
Trichloroethene
Concen: 17.136 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	213.6





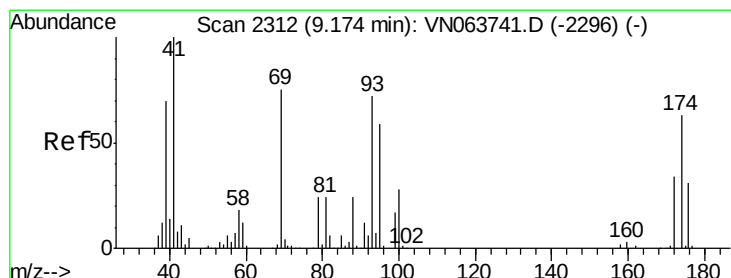
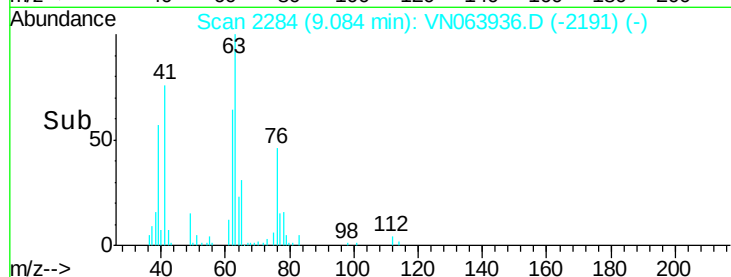
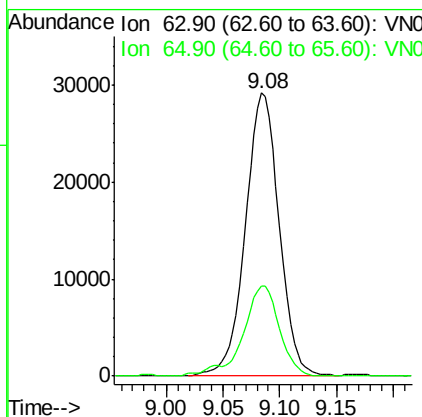
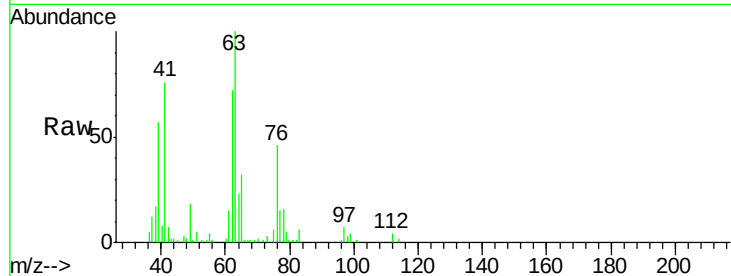
#45
 1,2-Dichloropropane
 Concen: 17.704 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion: 63 Resp: 60698
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1

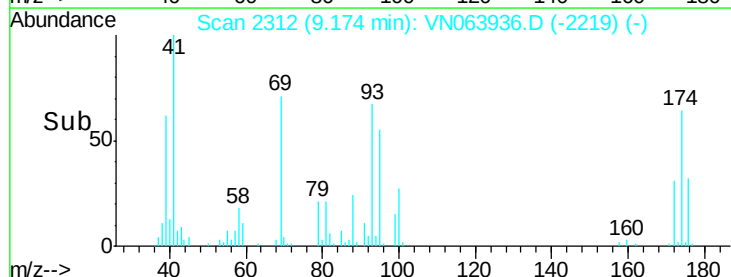
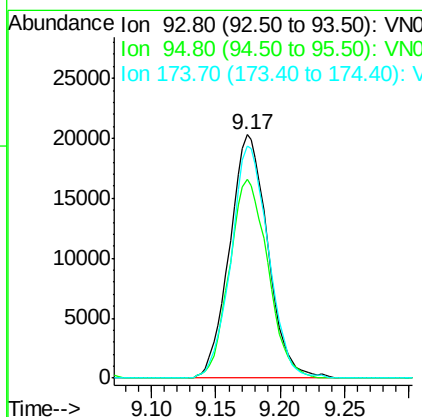
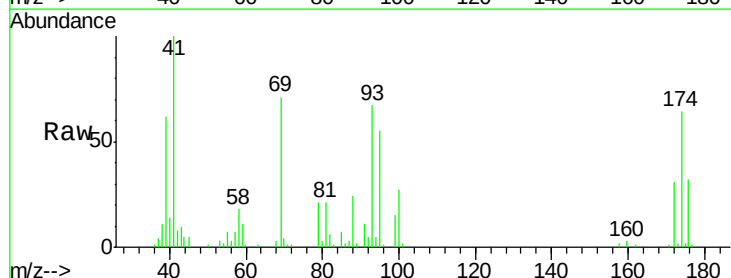
Manual Integrations
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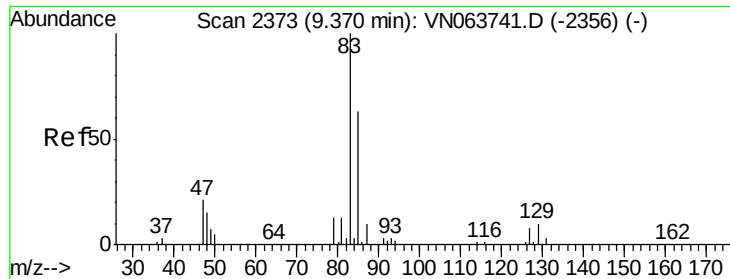
MMDadoda
 10/8/2020 10:08:39 AM



#46
 Dibromomethane
 Concen: 17.664 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 93 Resp: 41778
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.3 99.5
 174 93.3 72.7 109.1





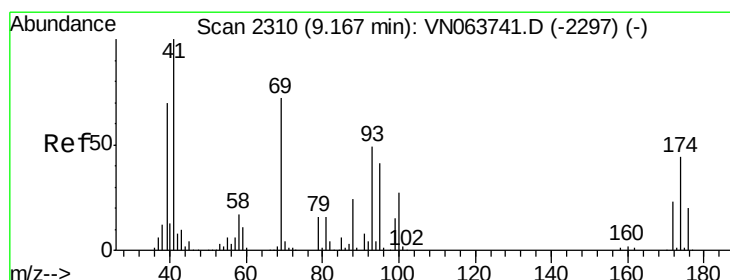
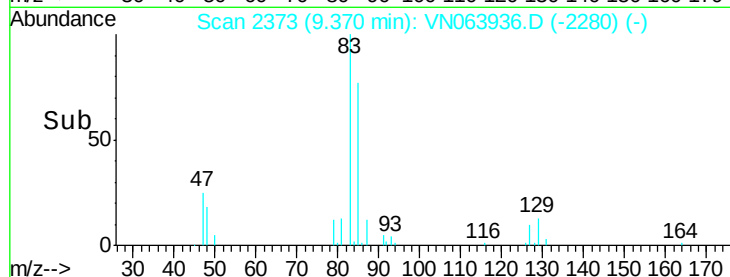
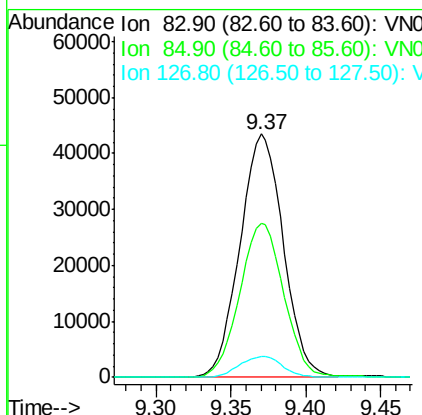
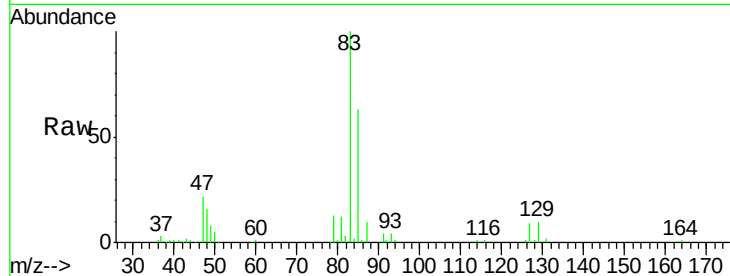
#47
 Bromodichloromethane
 Concen: 17.956 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion	83	Resp	87529
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	8.6	6.6	9.8

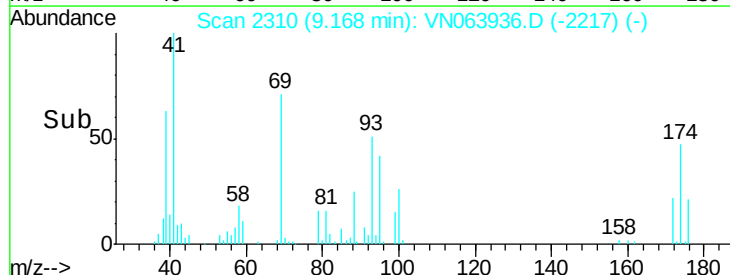
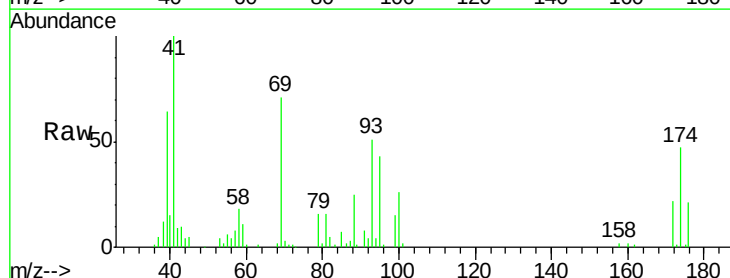
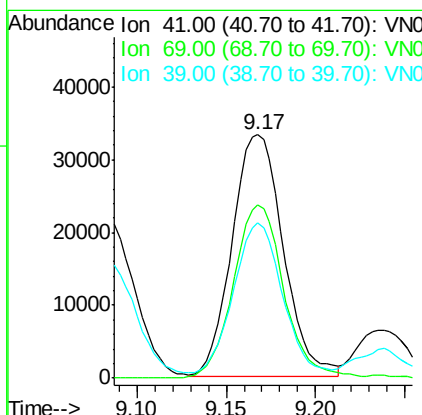
Manual Integrations
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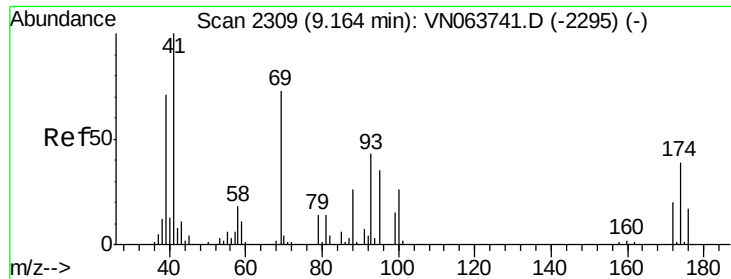
MMDadoda
 10/8/2020 10:08:39 AM



#48
 Methyl methacrylate
 Concen: 18.539 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	41	Resp	66716
Ion Ratio	100	Lower	Upper
41	100		
69	70.2	60.9	91.3
39	61.2	57.5	86.3





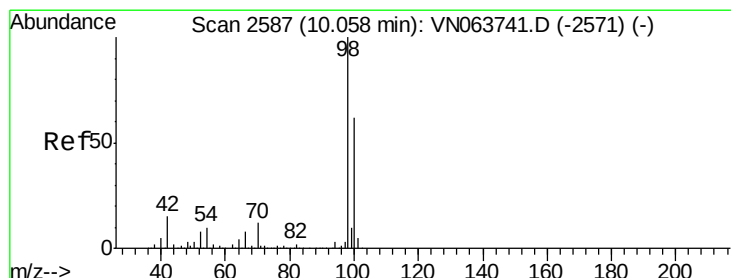
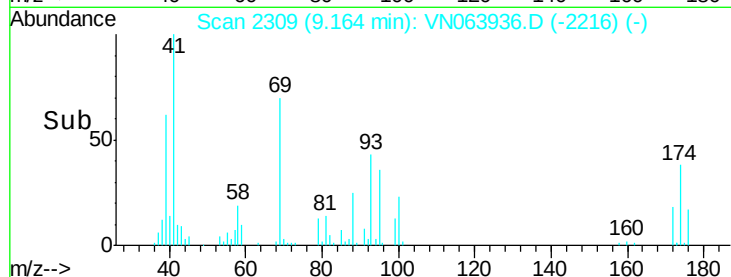
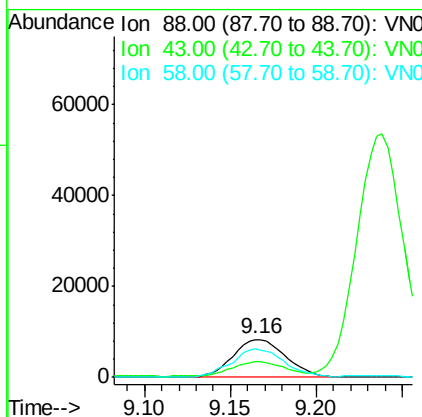
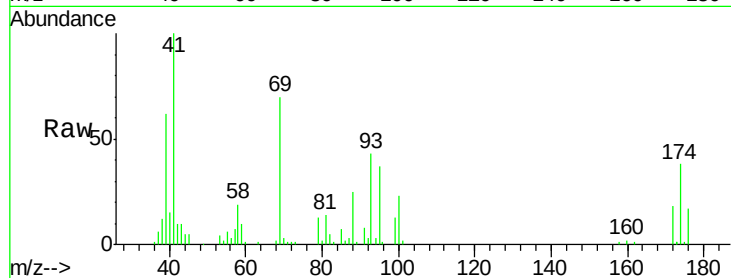
#49
1,4-Dioxane
Concen: 348.384 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.7	33.1	49.7
58	74.7	58.9	88.3

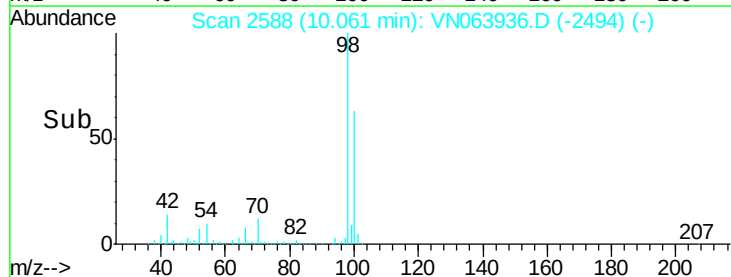
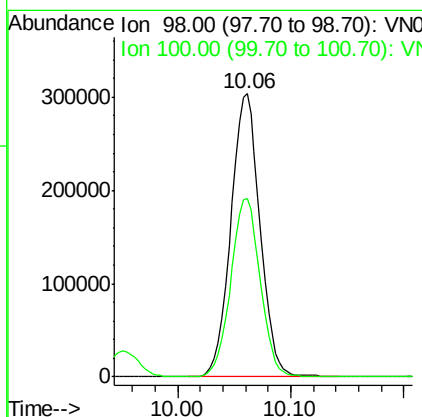
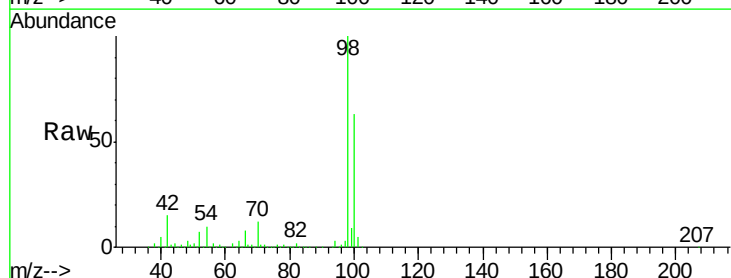
Manual Integrations
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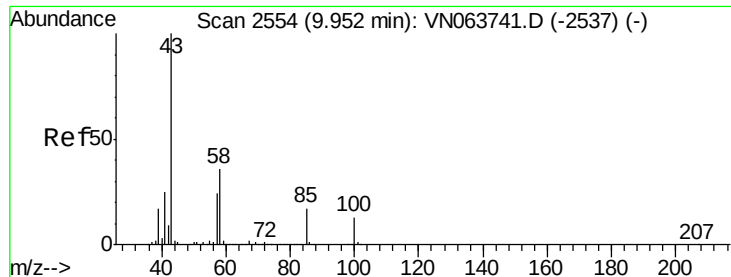
MMDadoda
10/8/2020 10:08:39 AM



#50
Toluene-d8
Concen: 47.146 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.8	74.6





#51

4-Methyl-2-Pentanone

Concen: 96.745 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1007WBS01

Tot Ion: 43 Resp: 413532

Ion Ratio Lower Upper

43 100

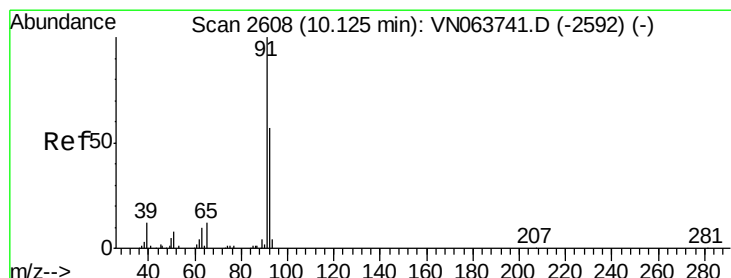
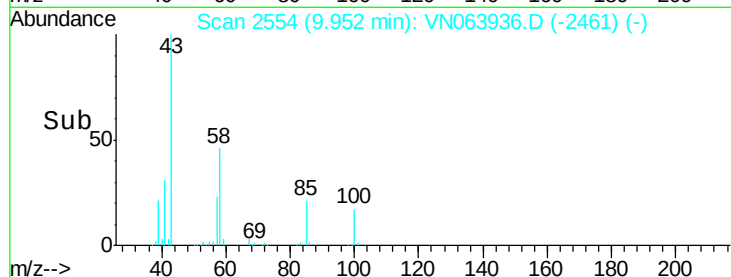
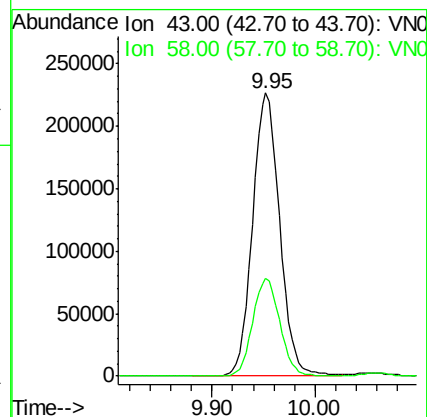
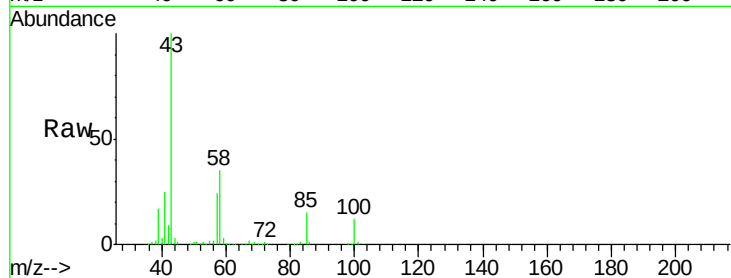
58 34.7 28.4 42.6

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 17.677 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063936.D

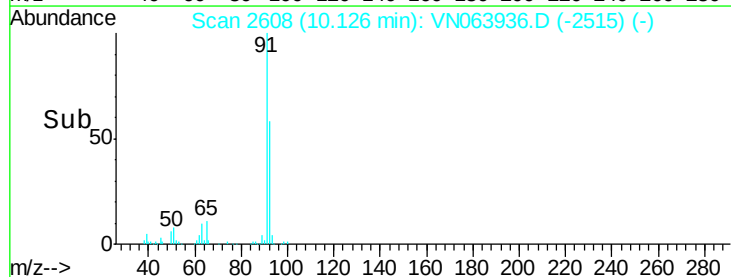
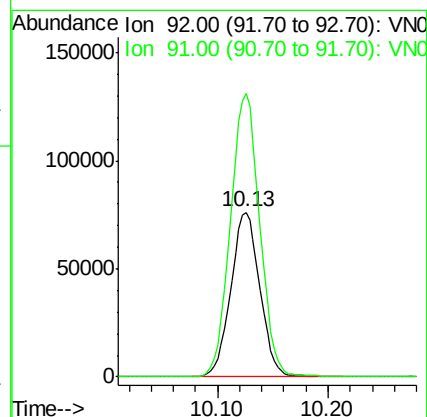
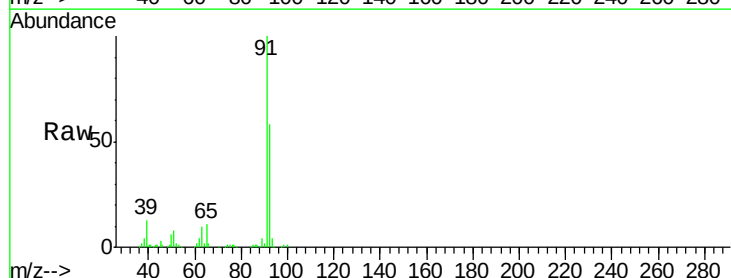
Acq: 7 Oct 2020 11:44

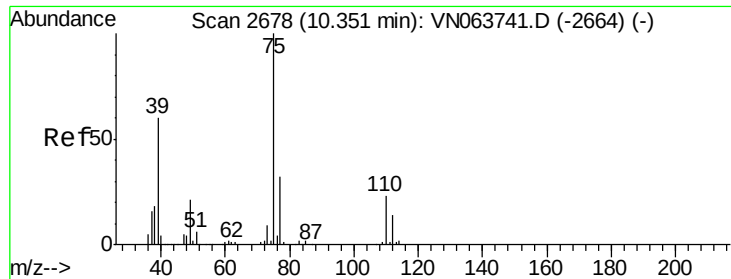
Tgt Ion: 92 Resp: 138811

Ion Ratio Lower Upper

92 100

91 174.0 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 16.823 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1007WBS01

Tot Ion: 75 Resp: 87901

Ion Ratio Lower Upper

75 100

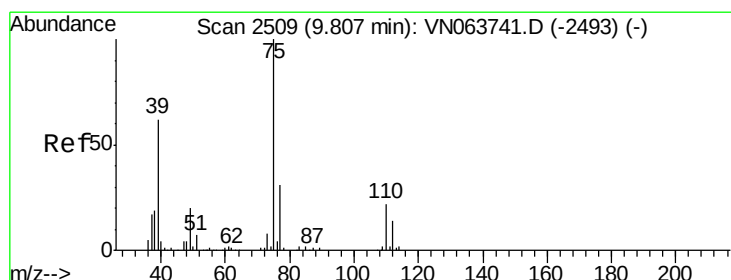
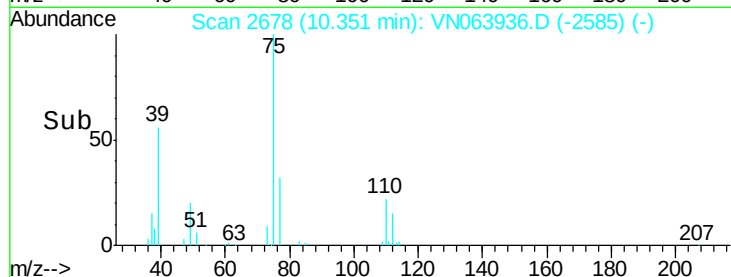
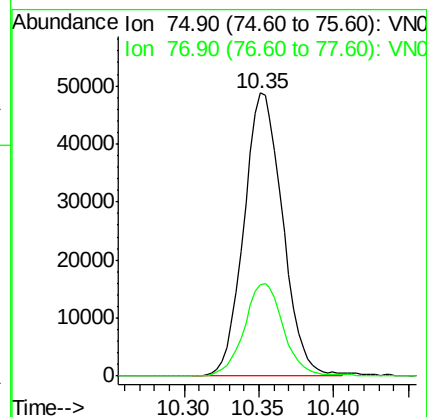
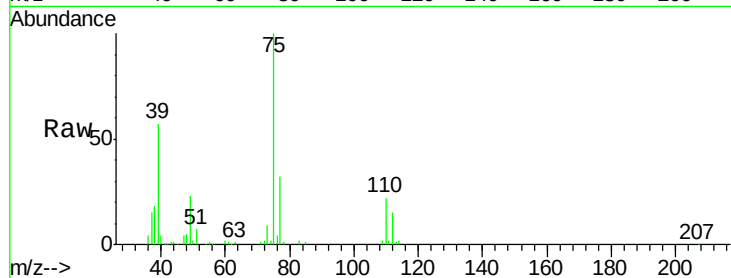
77 32.4 25.3 37.9

Manual Integrations

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MMDadoda

10/8/2020 10:08:39 AM



#54

cis-1,3-Dichloropropene

Concen: 17.521 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

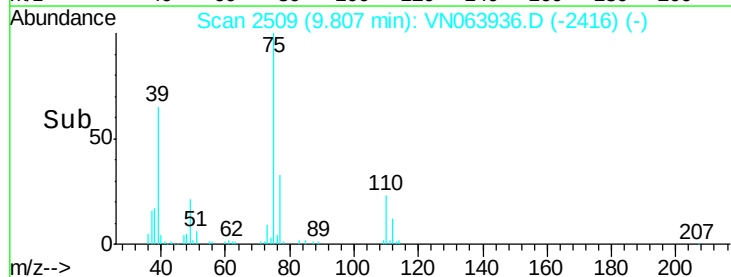
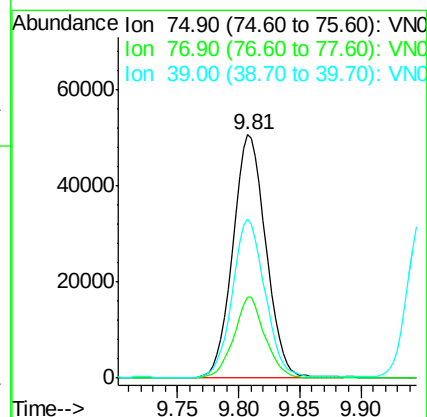
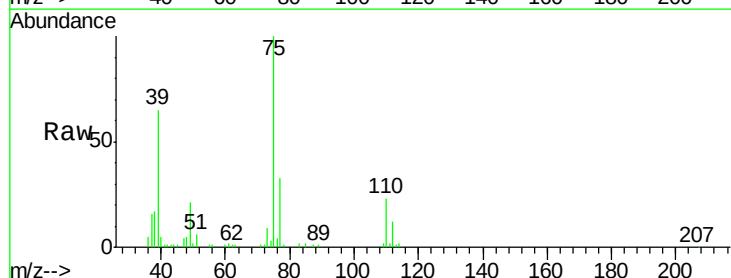
Tgt Ion: 75 Resp: 95745

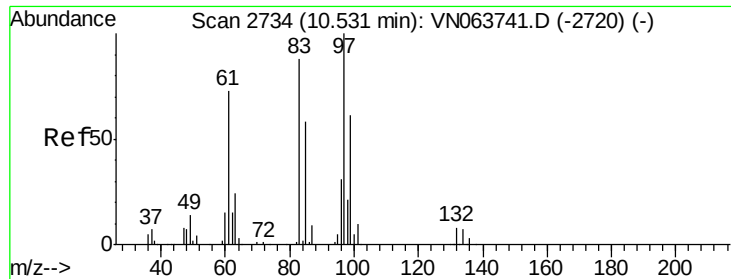
Ion Ratio Lower Upper

75 100

77 33.2 24.6 36.8

39 65.0 49.7 74.5





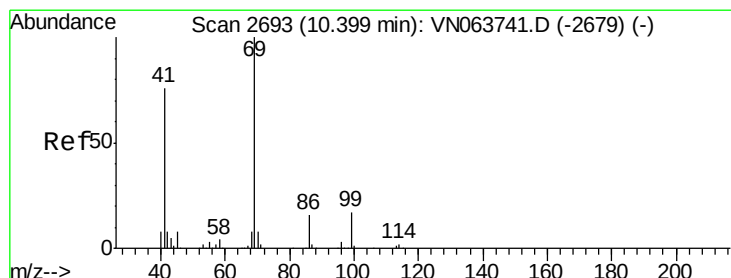
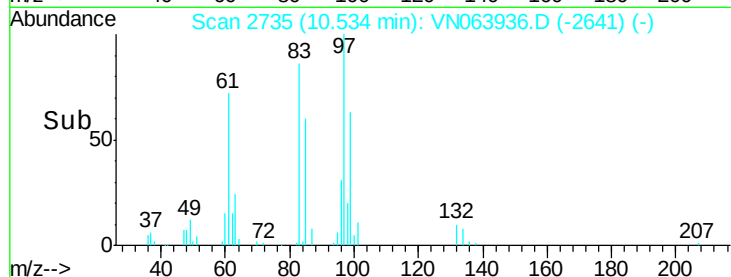
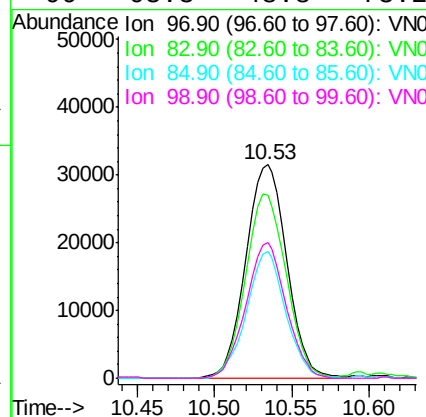
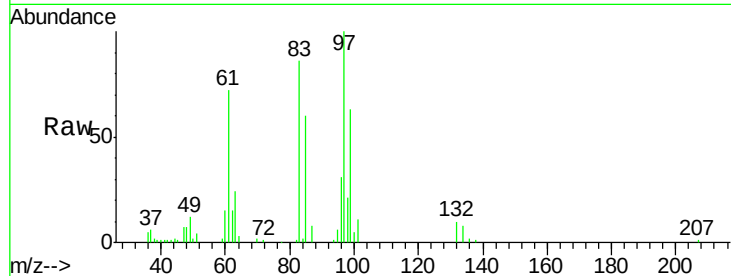
#55
 1,1,2-Trichloroethane
 Concen: 18.504 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion:	97	Resp:	58270
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.7	106.1
85	59.6	46.1	69.1
99	63.3	48.8	73.2

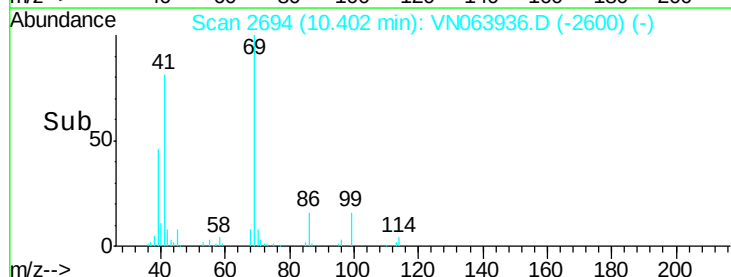
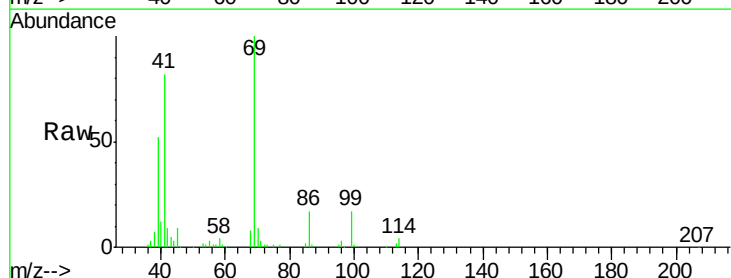
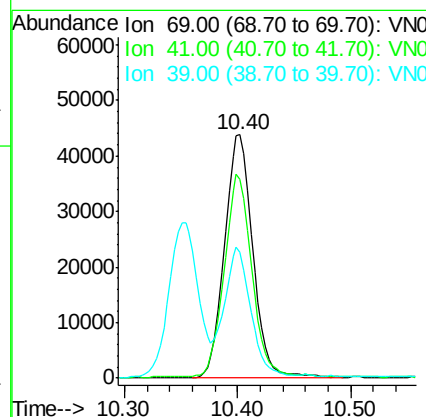
Manual Integrations
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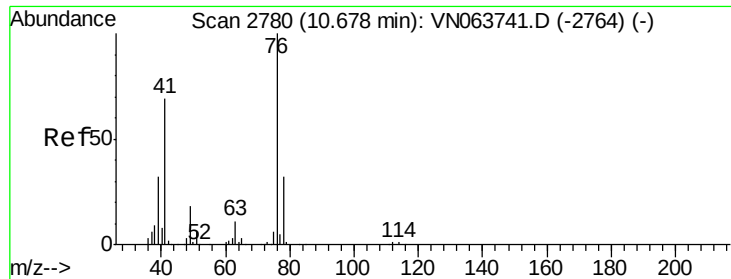
MMDadoda
 10/8/2020 10:08:39 AM



#56
 Ethyl methacrylate
 Concen: 17.113 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion:	69	Resp:	76385
Ion	Ratio	Lower	Upper
69	100		
41	80.4	61.1	91.7
39	49.4	42.2	63.4





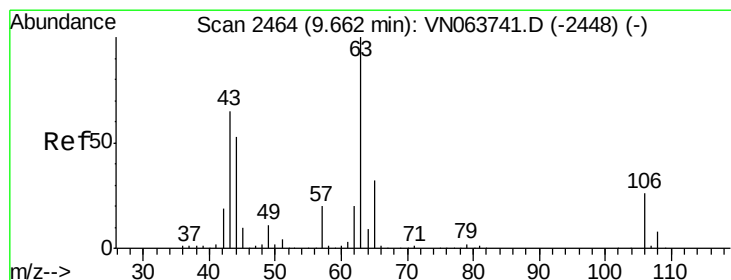
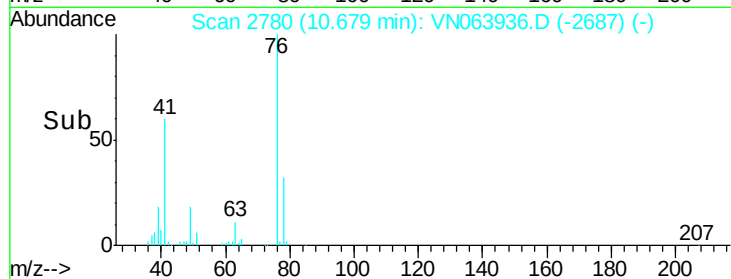
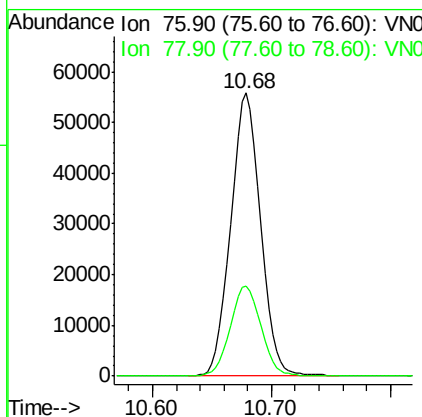
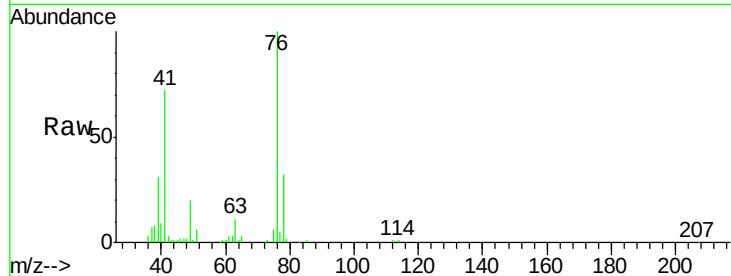
#57
 1,3-Dichloropropane
 Concen: 18.169 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion: 76 Resp: 96798
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.2 37.8

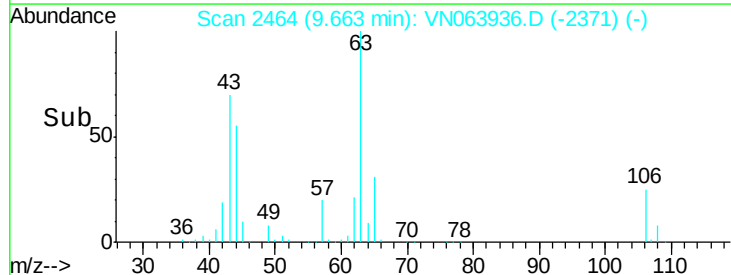
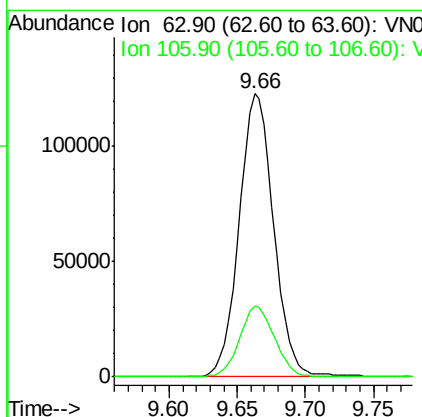
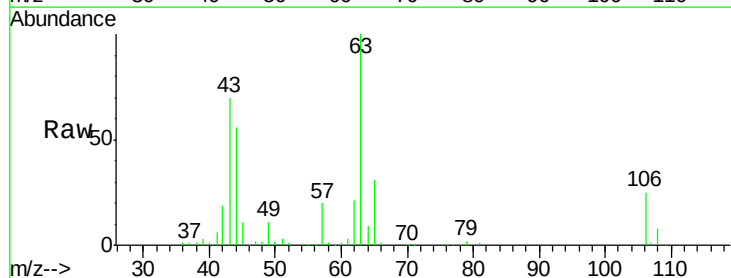
Manual Integrations
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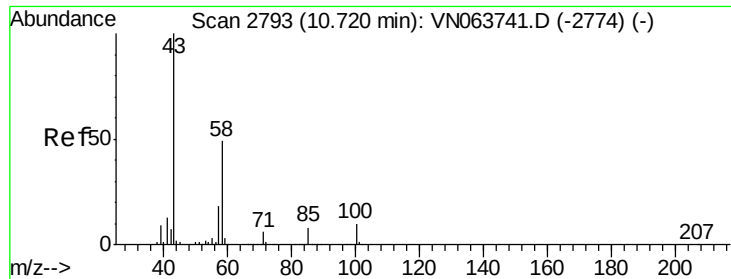
MMDadoda
 10/8/2020 10:08:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.216 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 63 Resp: 215406
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.7 31.1





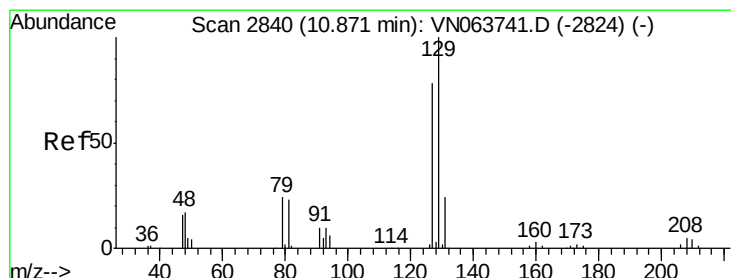
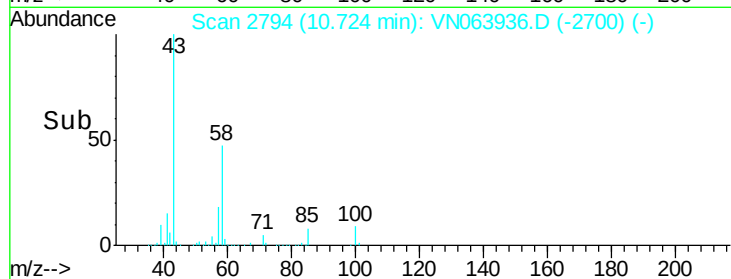
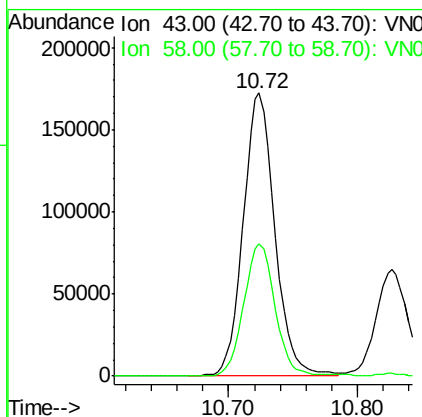
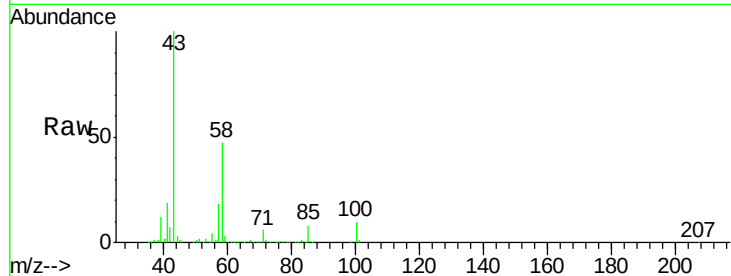
#59
2-Hexanone
Concen: 91.931 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	46.6	24.6	73.8

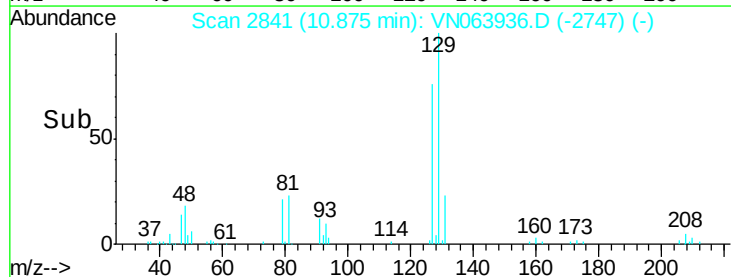
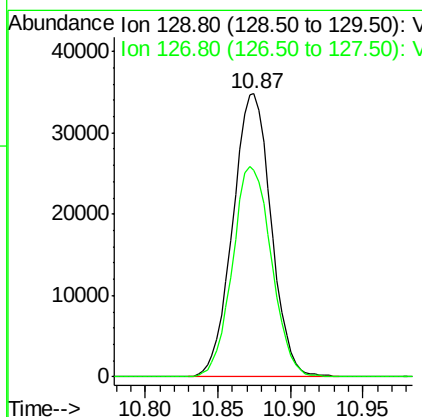
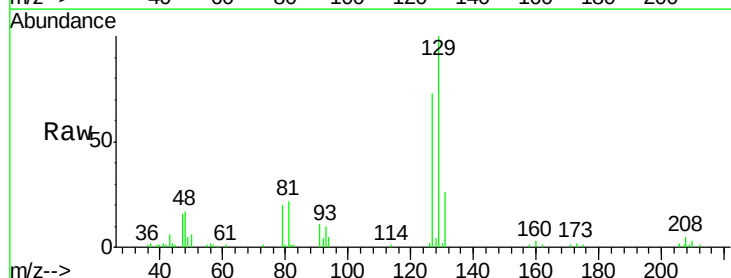
Manual Integrations
APPROVED

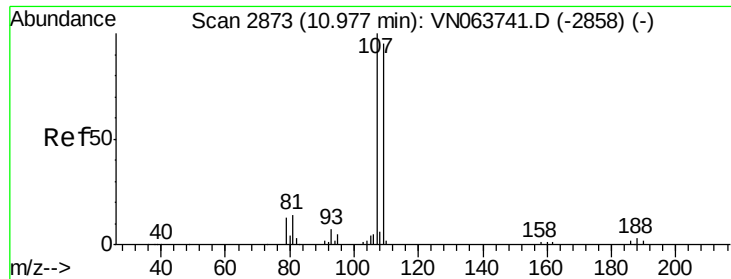
MMDadoda
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#60
Dibromochloromethane
Concen: 17.486 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.4	38.9	116.7





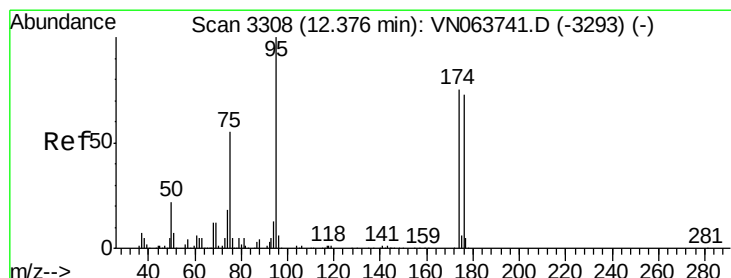
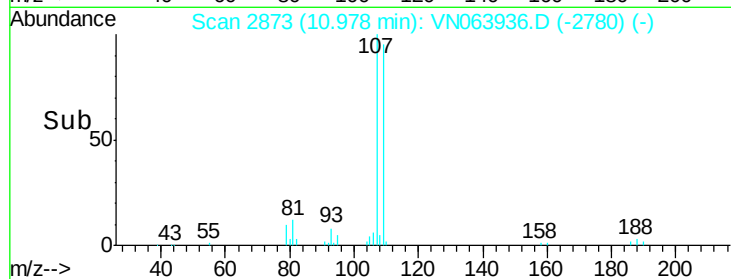
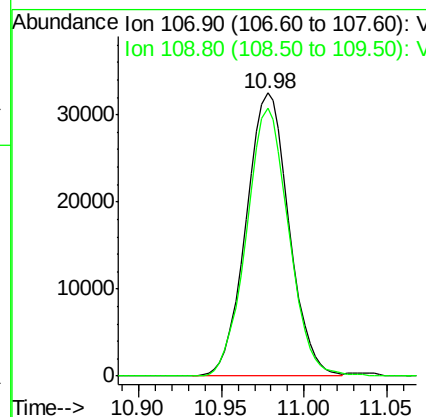
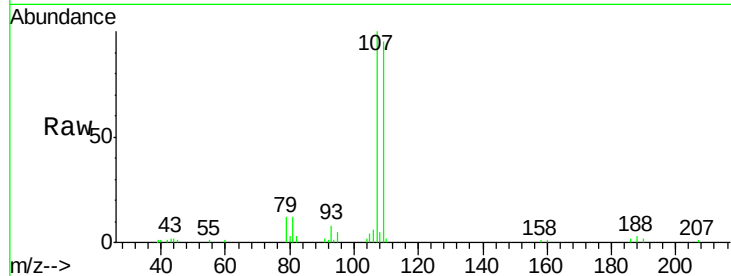
#61
 1,2-Dibromoethane
 Concen: 18.178 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	74.8	112.2

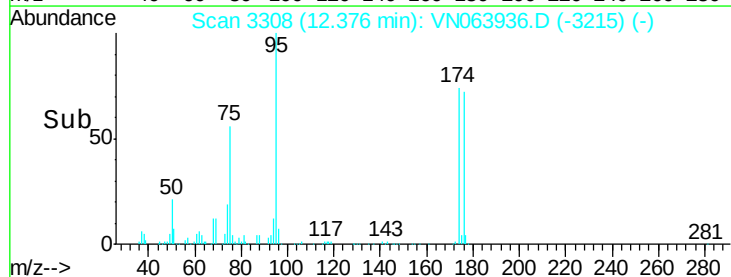
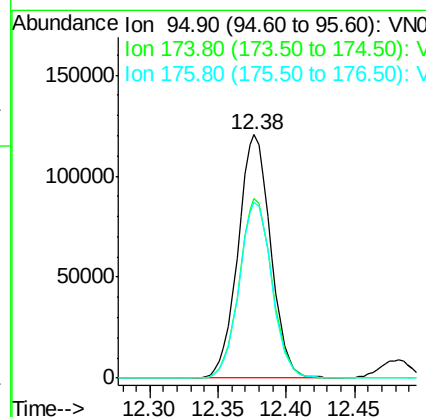
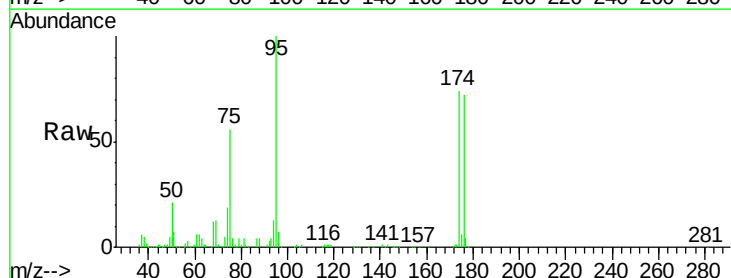
Manual Integrations
 APPROVED

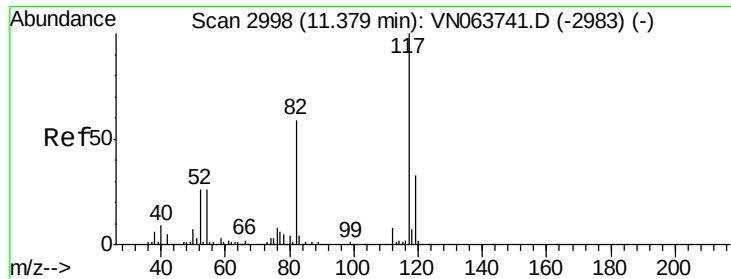
MMDadoda
 10/8/2020 10:08:39 AM



#62
 4-Bromofluorobenzene
 Concen: 46.169 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	150.6
176	72.2	0.0	145.4





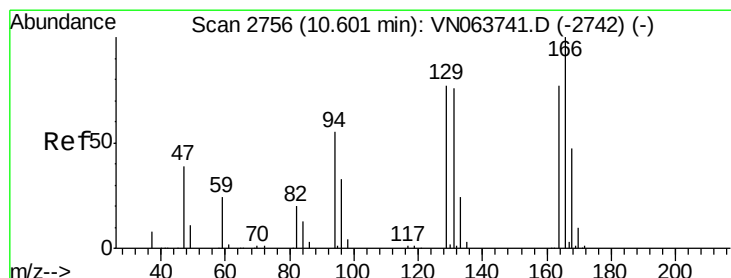
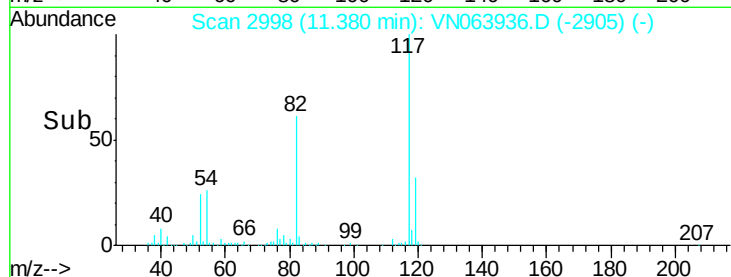
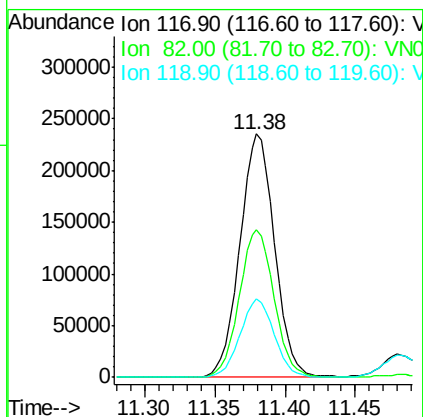
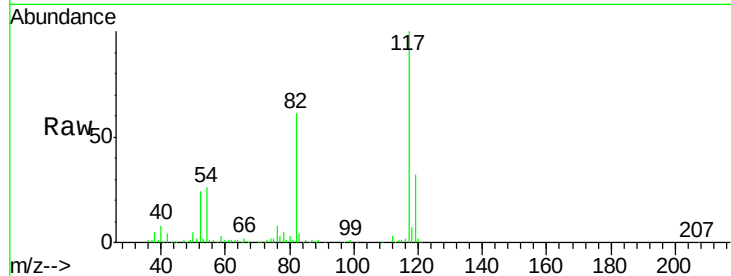
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	47.4	71.2
119	32.0	26.4	39.6

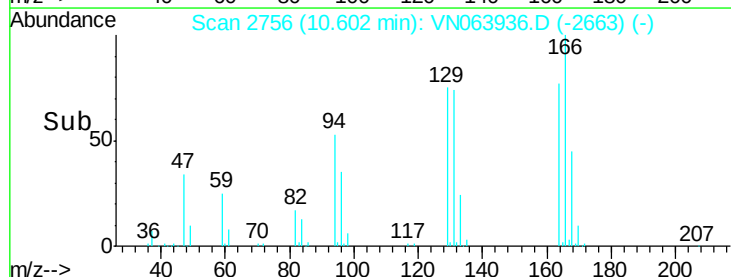
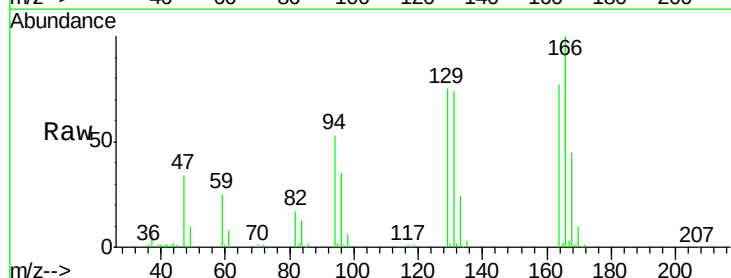
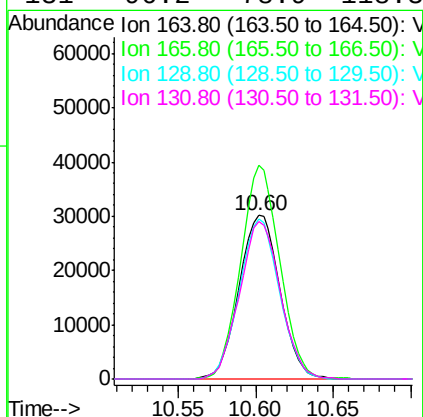
Manual Integrations
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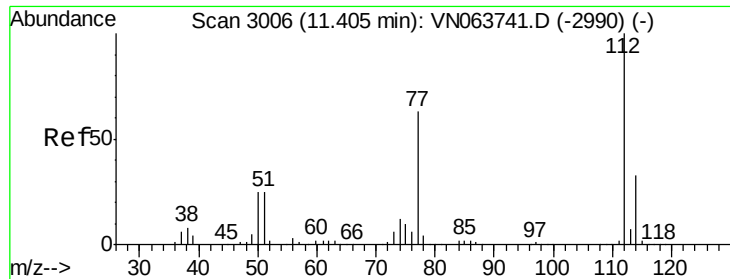
MMDadoda
10/8/2020 10:08:39 AM



#64
Tetrachloroethene
Concen: 17.612 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	103.9	155.9
129	97.7	80.3	120.5
131	96.2	78.9	118.3





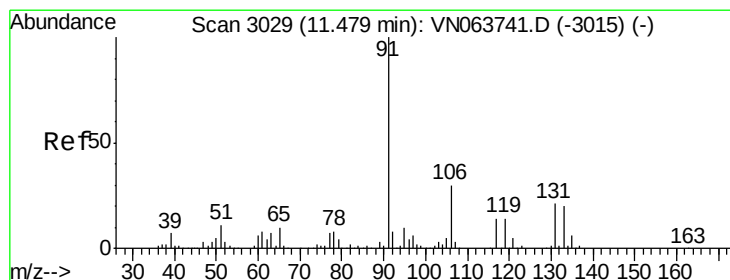
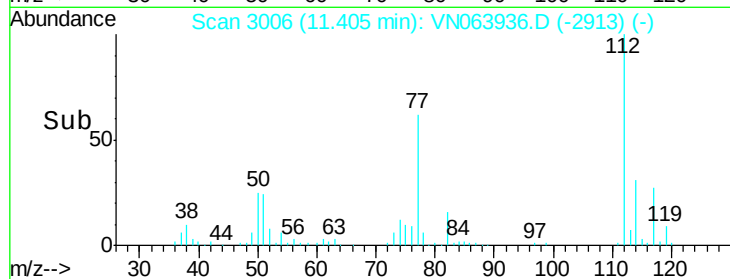
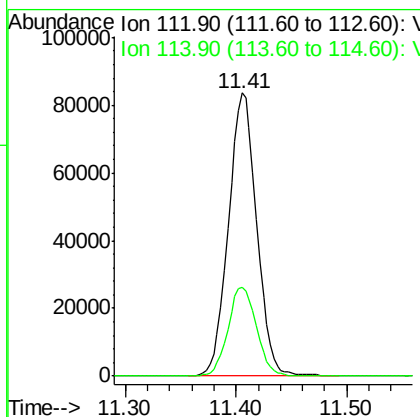
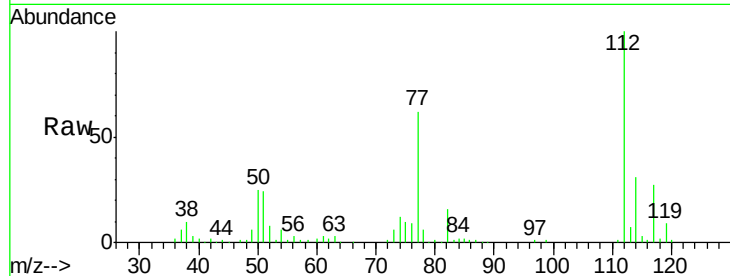
#65
Chlorobenzene
Concen: 17.797 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion:112 Resp: 148495
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1

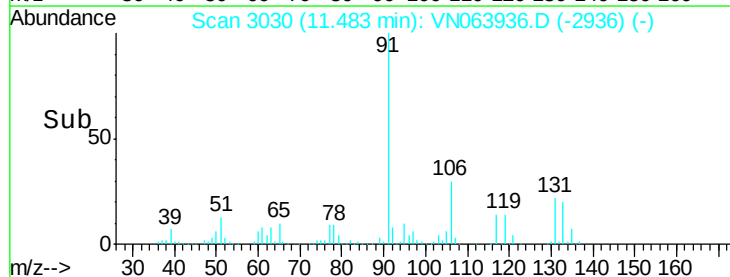
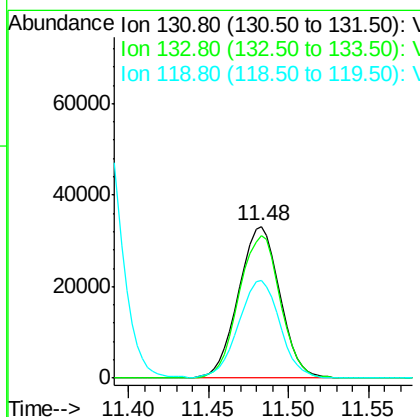
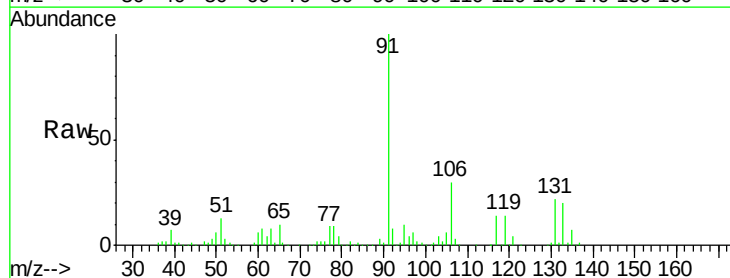
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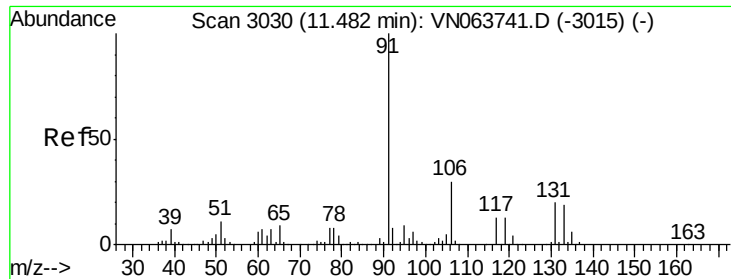
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.267 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion:131 Resp: 58430
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 64.9 32.6 97.7





#67

Ethyl Benzene

Concen: 17.140 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

Tot Ion: 91 Resp: 260224

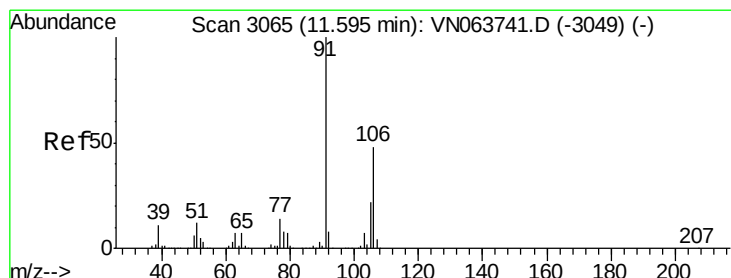
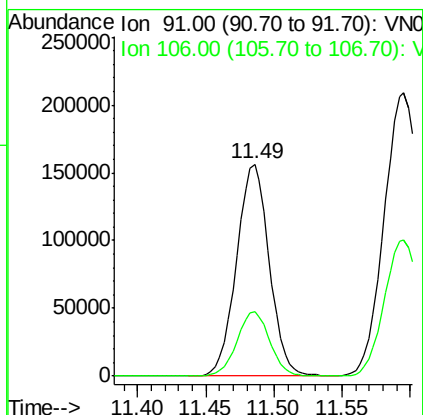
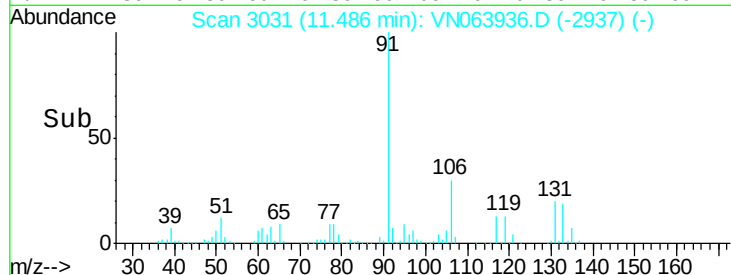
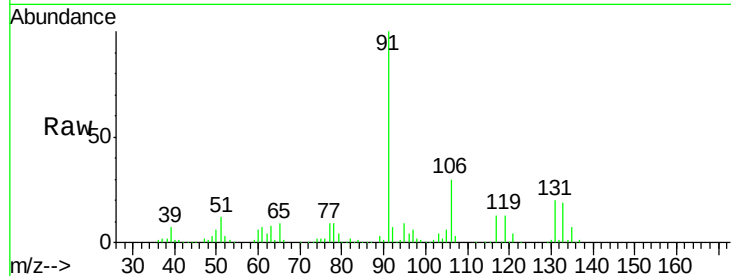
Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.2

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#68

m/p-Xylenes

Concen: 34.114 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063936.D

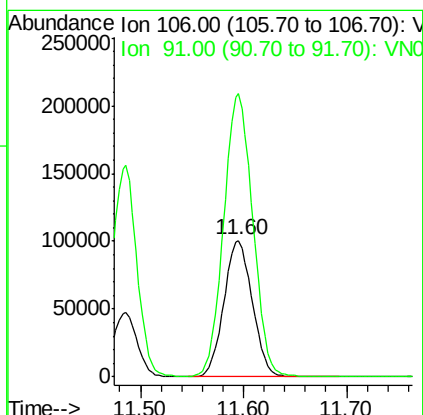
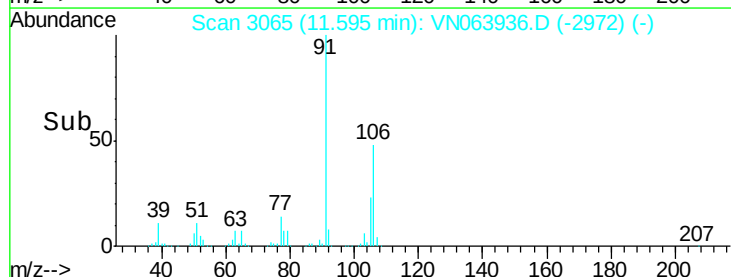
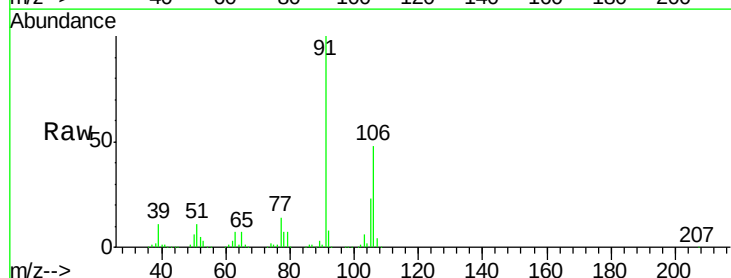
Acq: 7 Oct 2020 11:44

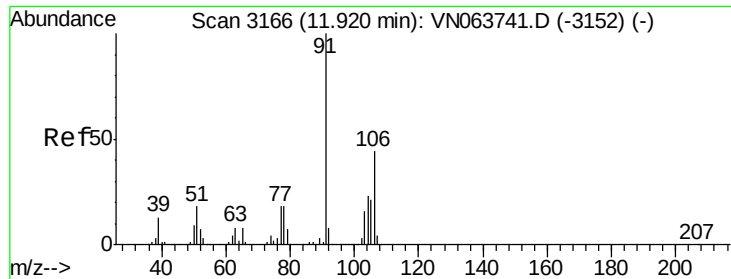
Tgt Ion: 106 Resp: 193037

Ion Ratio Lower Upper

106 100

91 210.4 168.0 252.0





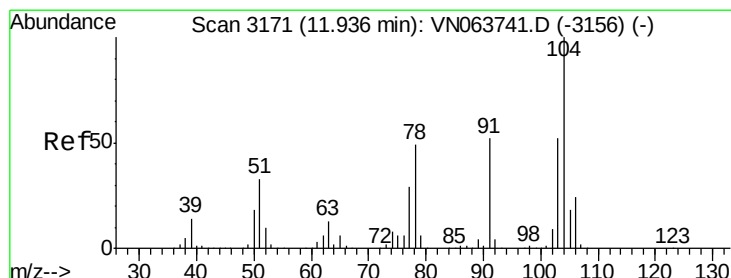
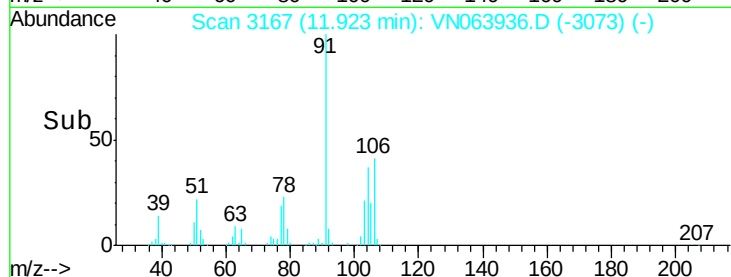
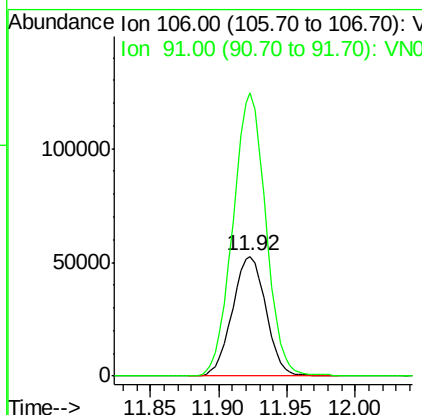
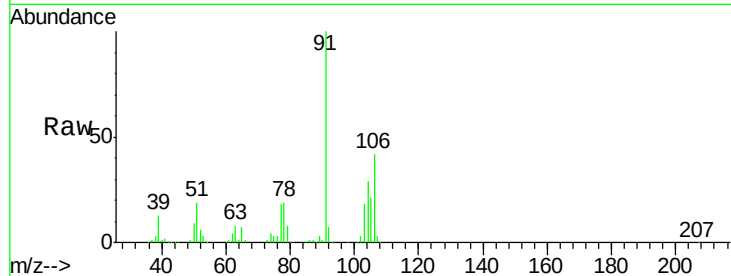
#69
o-Xylene
Concen: 17.048 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS01

Tot Ion:106 Resp: 90166
Ion Ratio Lower Upper
106 100
91 231.7 112.7 338.0

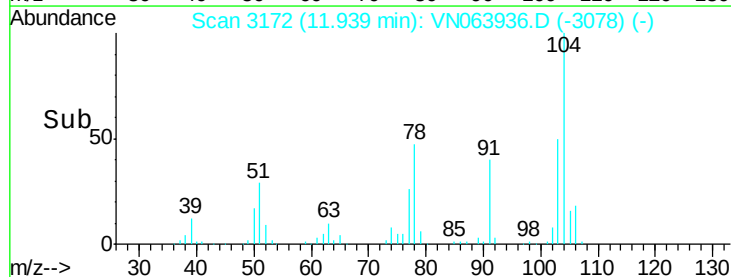
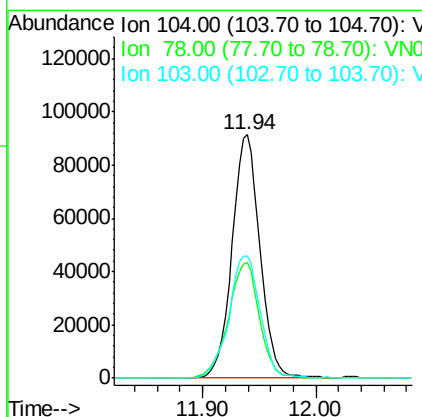
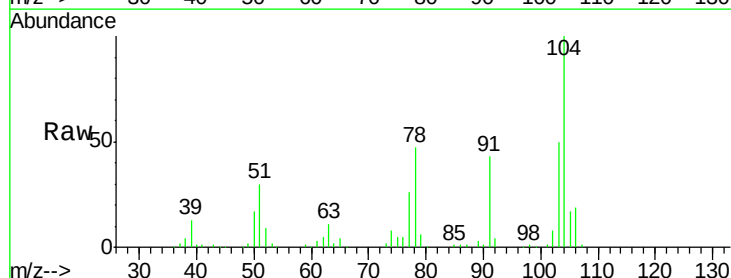
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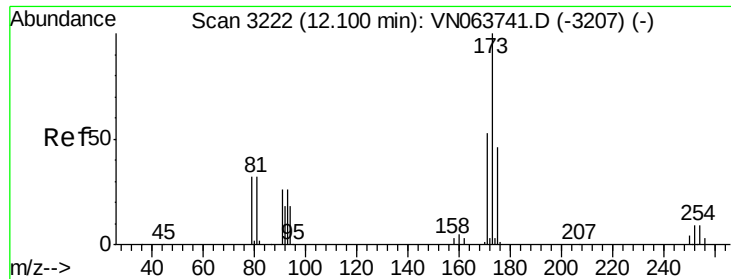
MMDadoda
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#70
Styrene
Concen: 17.458 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion:104 Resp: 156736
Ion Ratio Lower Upper
104 100
78 52.9 44.1 66.1
103 56.1 44.3 66.5





#71

Bromoform

Concen: 17.797 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

Tot Ion:173 Resp: 43540

Ion Ratio Lower Upper

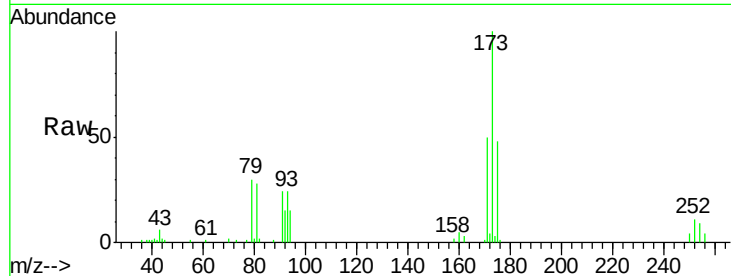
173 100

175 46.4 23.5 70.5

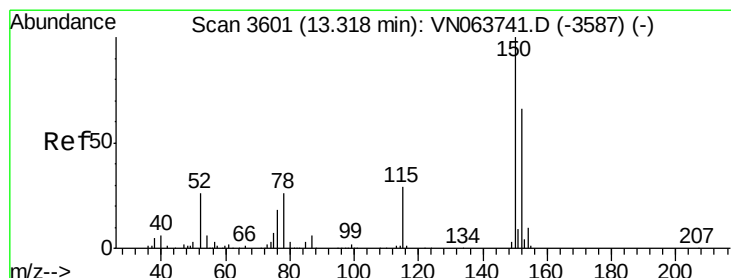
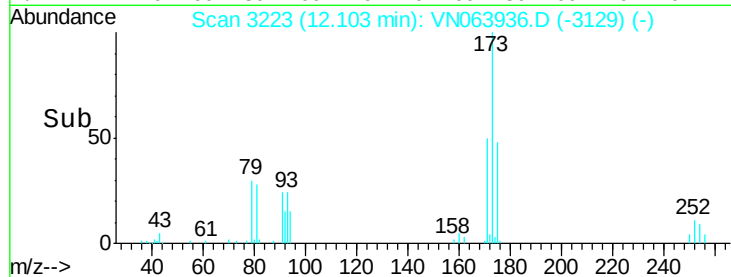
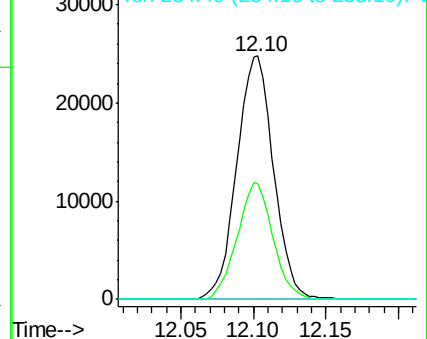
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

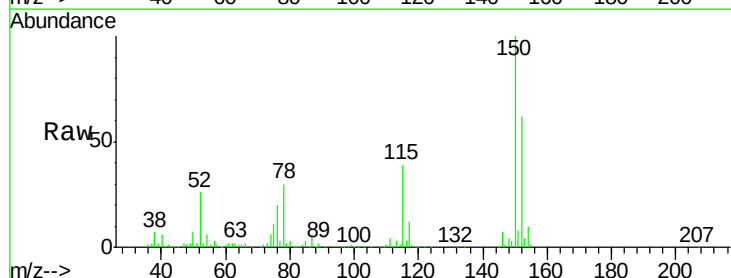
Tgt Ion:152 Resp: 188638

Ion Ratio Lower Upper

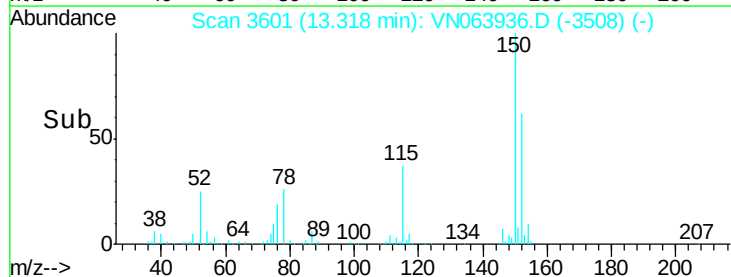
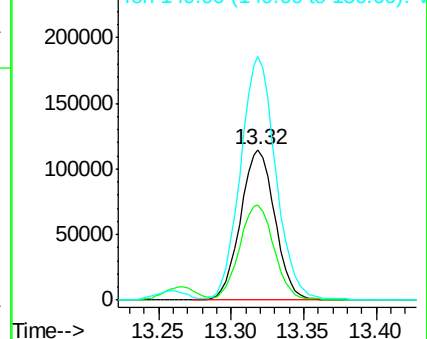
152 100

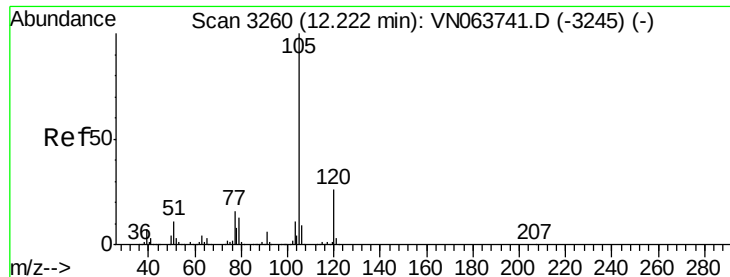
115 63.4 31.3 93.8

150 166.1 0.0 341.8



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: 17.573 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1007WBS01

Tot Ion: 105 Resp: 241790

Ion Ratio Lower Upper

105 100

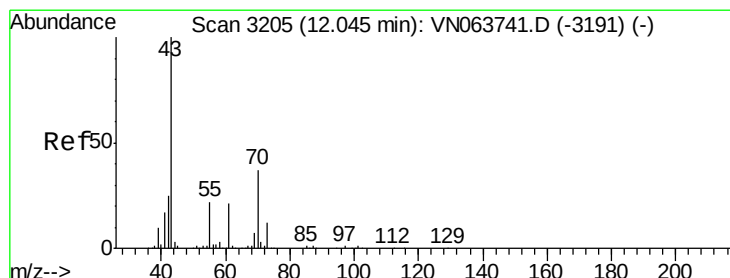
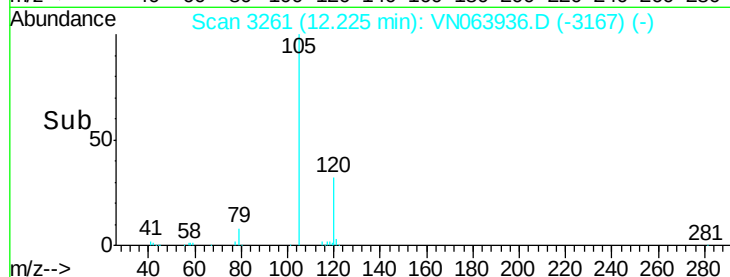
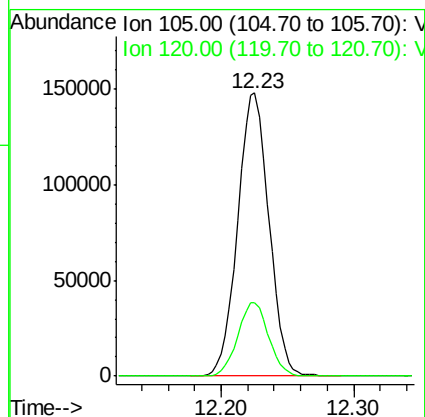
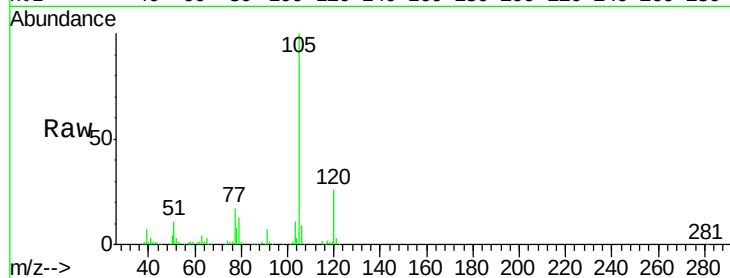
120 25.7 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.283 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion: 43 Resp: 107515

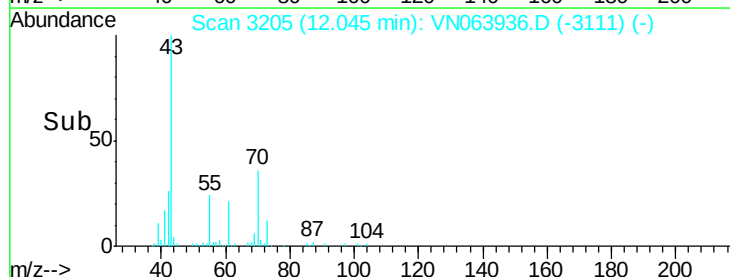
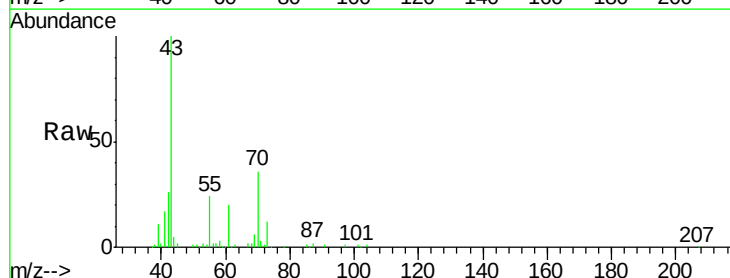
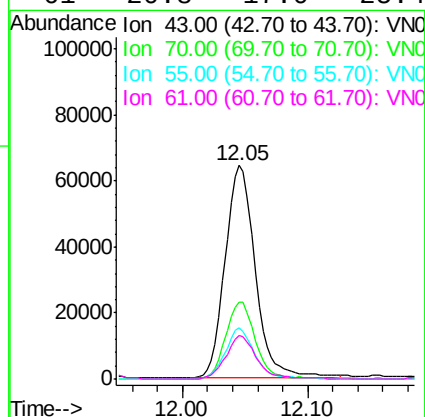
Ion Ratio Lower Upper

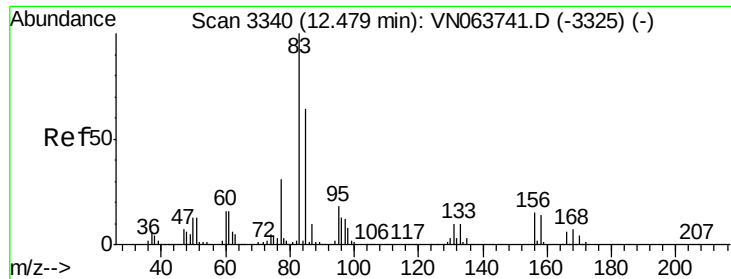
43 100

70 35.0 29.8 44.8

55 23.4 17.9 26.9

61 20.8 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.581 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

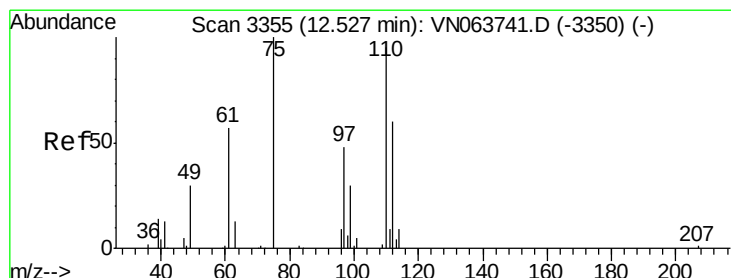
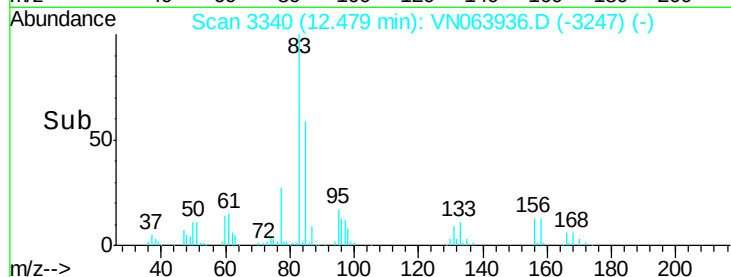
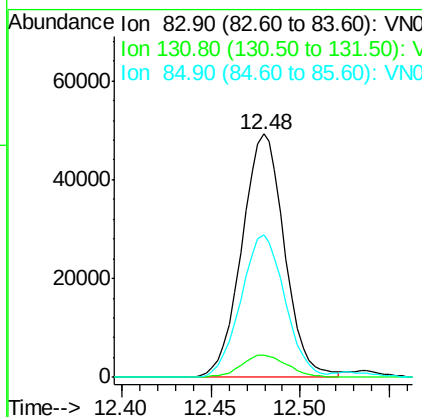
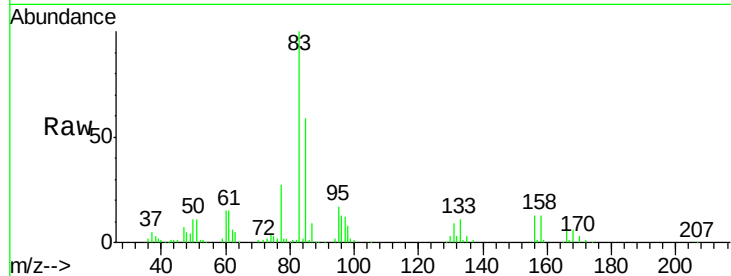
ClientSampleId :

VN1007WBS01

Tot Ion:	83	Resp:	82385
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.3	15.8
85	60.5	31.3	93.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.546 ug/l m

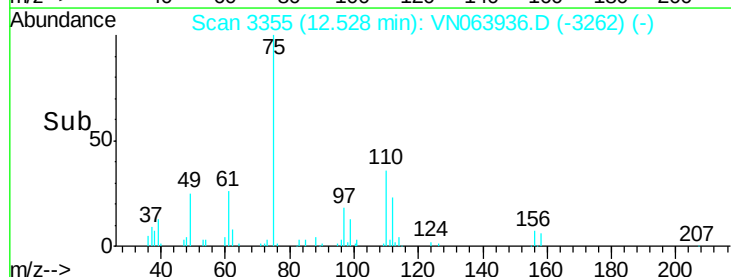
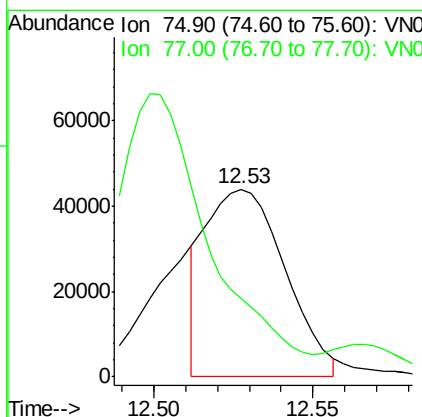
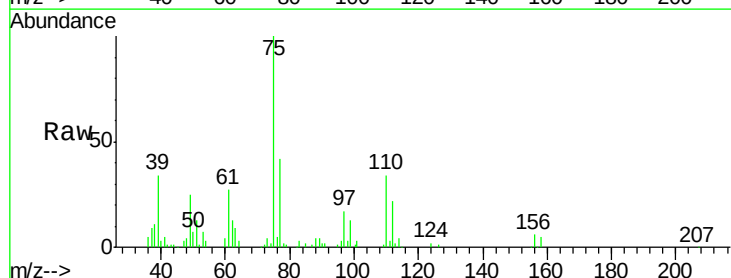
RT: 12.53 min Scan# 3355

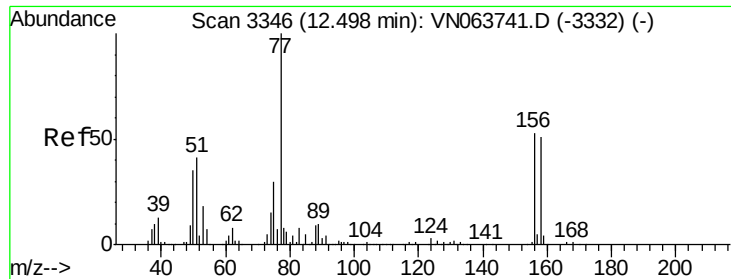
Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion:	75	Resp:	77120
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.671 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

Tot Ion:156 Resp: 63036

Ion Ratio Lower Upper

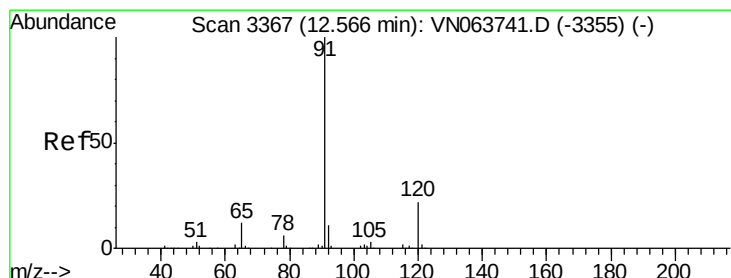
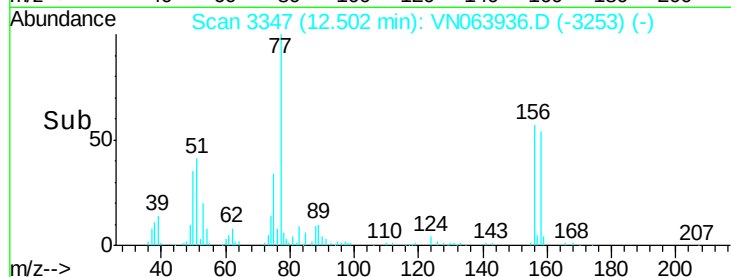
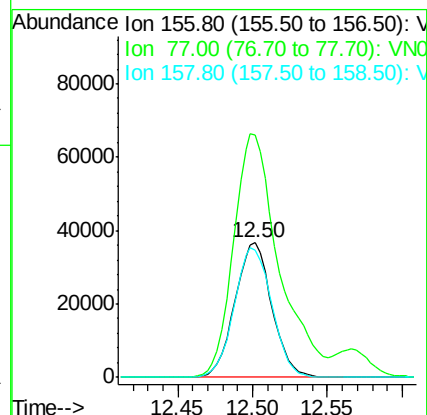
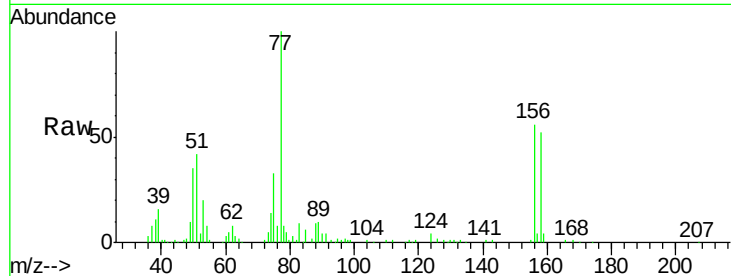
156 100

77 222.7 110.9 332.7

158 98.0 47.7 143.1

Manual Integrations
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#78

n-propylbenzene

Concen: 17.344 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063936.D

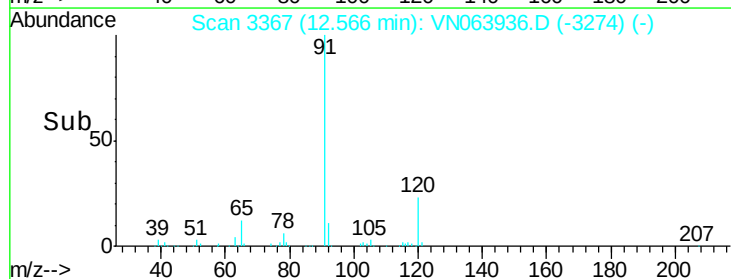
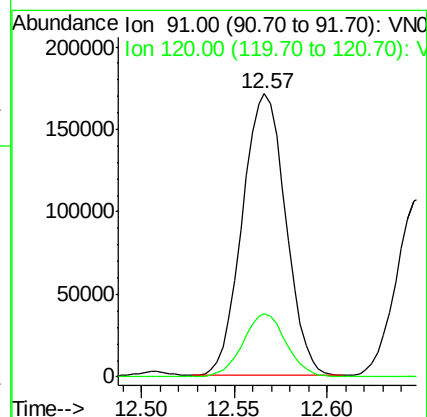
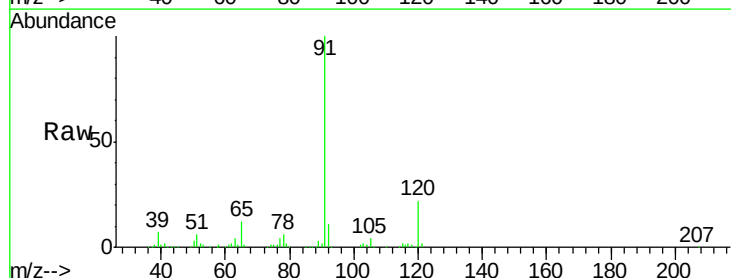
Acq: 7 Oct 2020 11:44

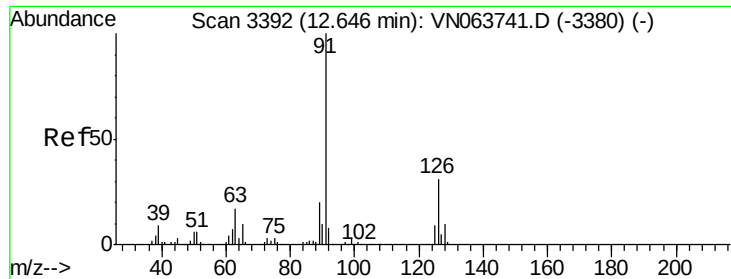
Tgt Ion: 91 Resp: 277731

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.1





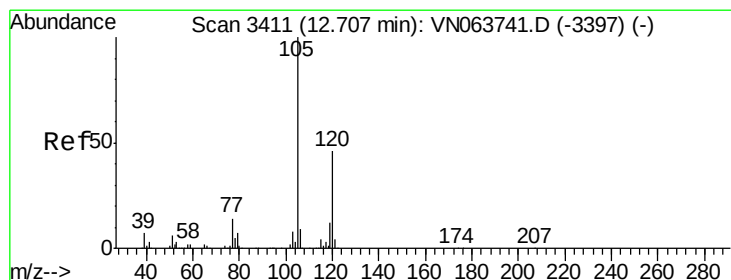
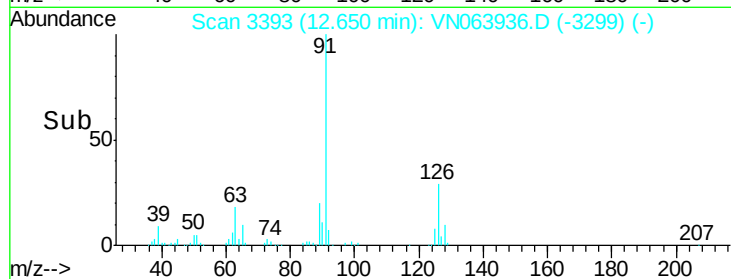
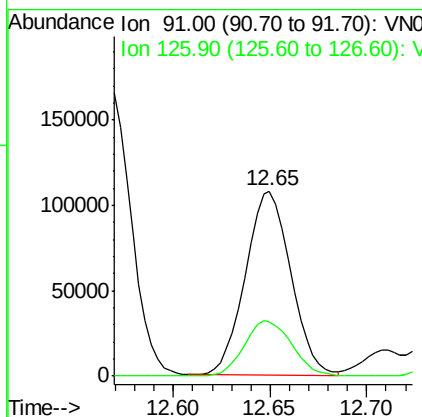
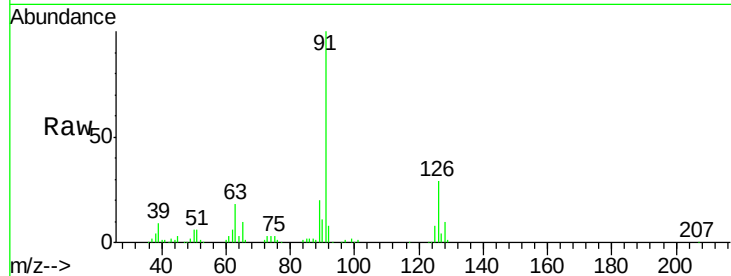
#79
 2-Chlorotoluene
 Concen: 17.879 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS01

Tot Ion: 91 Resp: 176078
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.9 47.7

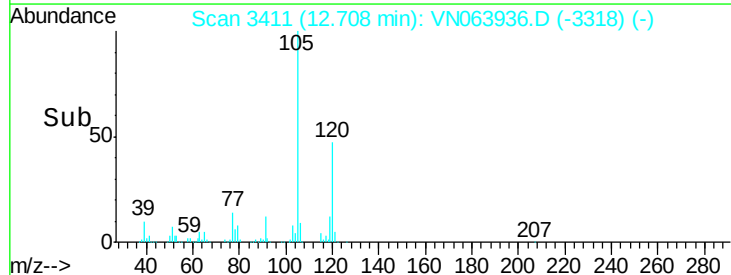
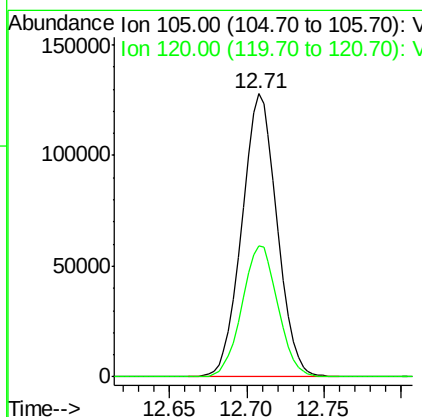
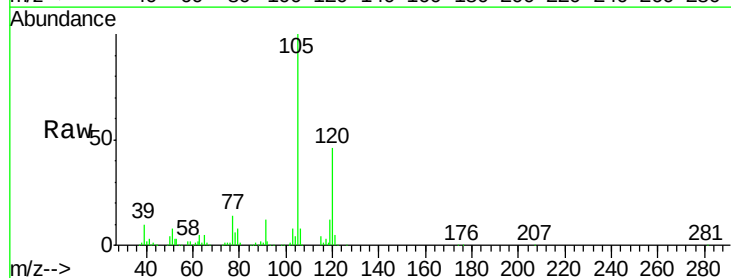
Manual Integrations
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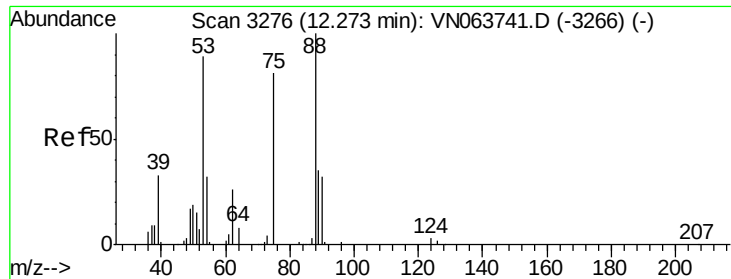
MMDadoda
 10/8/2020 10:08:39 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 17.511 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 105 Resp: 202137
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.438 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

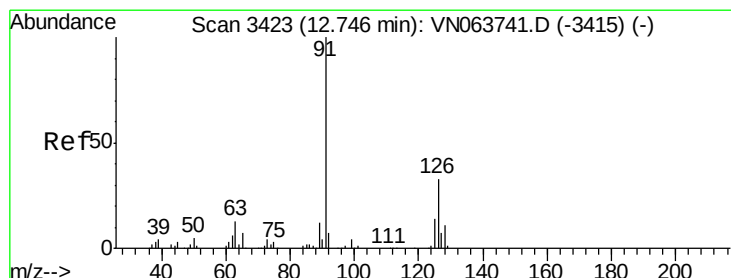
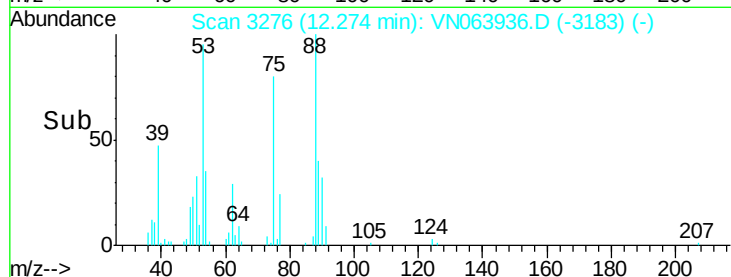
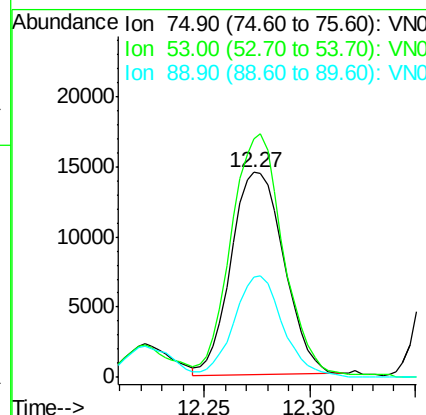
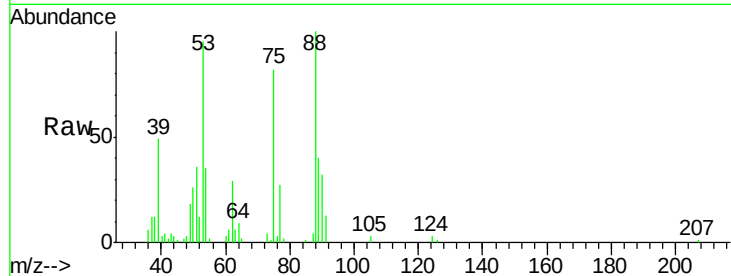
ClientSampled :

VN1007WBS01

Tot Ion:	75	Resp:	25177
Ion Ratio	Lower	Upper	
75	100		
53	116.4	88.2	132.2
89	46.6	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.873 ug/l

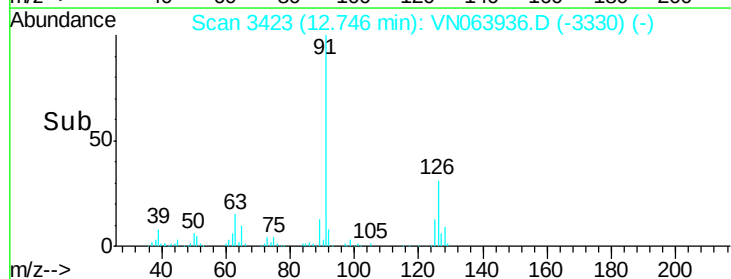
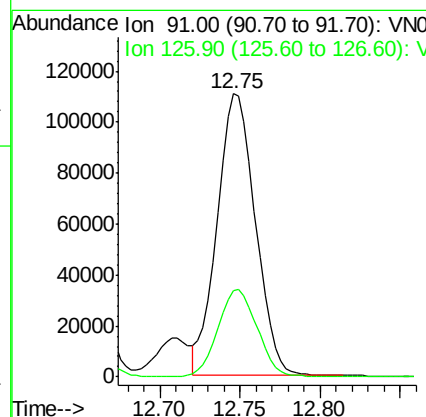
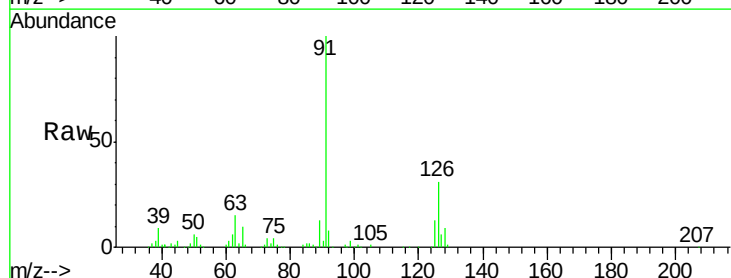
RT: 12.75 min Scan# 3423

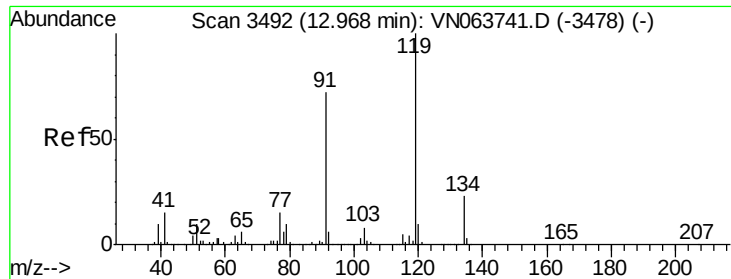
Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion:	91	Resp:	182724
Ion Ratio	Lower	Upper	
91	100		
126	31.8	15.4	46.2





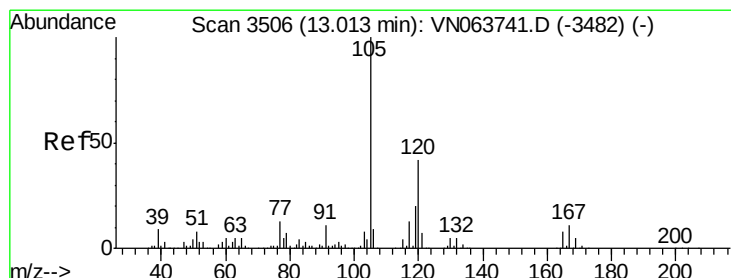
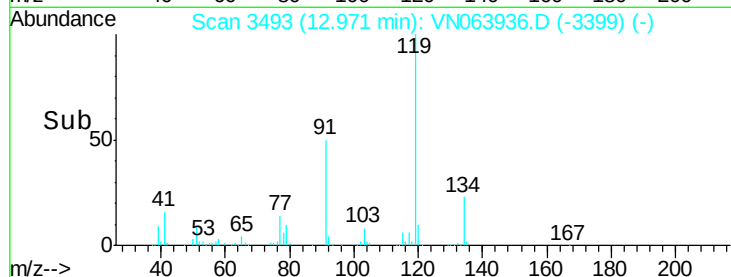
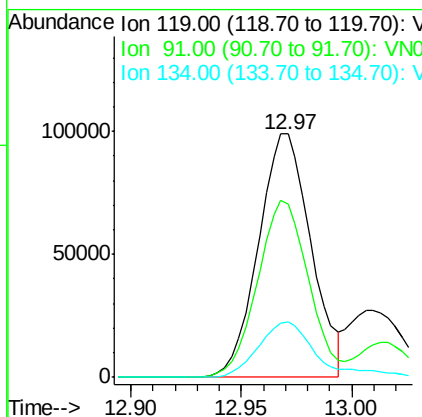
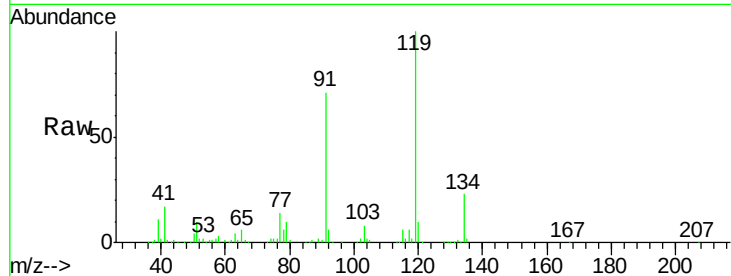
#83
 tert-Butylbenzene
 Concen: 17.328 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.0	35.5	106.5
134	25.4	11.7	35.1

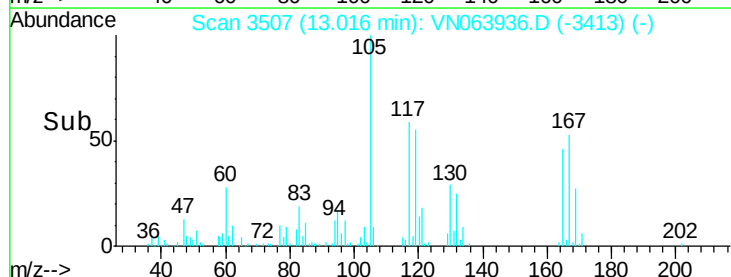
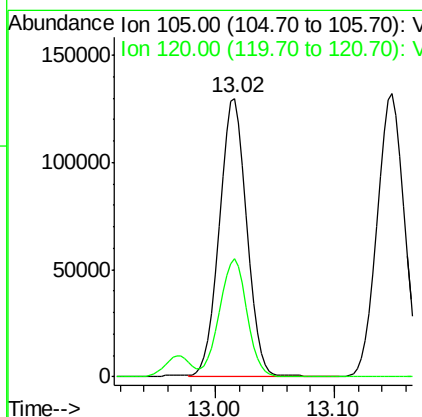
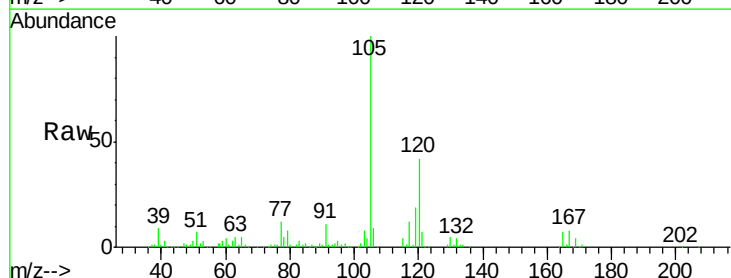
Manual Integrations
 APPROVED

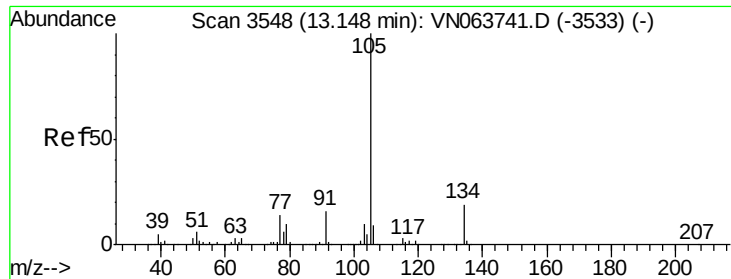
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 10/8/2020 10:08:39 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 17.903 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	20.9	62.7





#85

sec-Butylbenzene

Concen: 16.923 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1007WBS01

Tot Ion:105 Resp: 209867

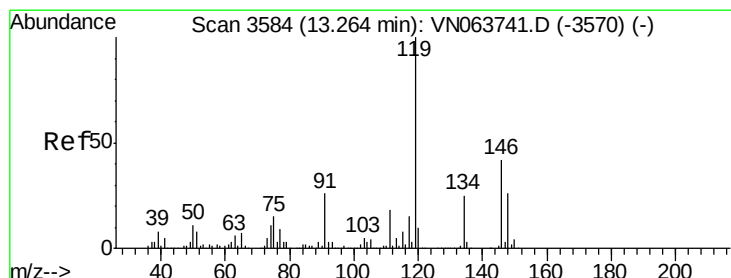
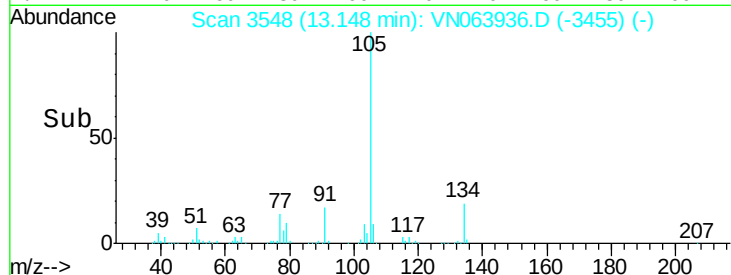
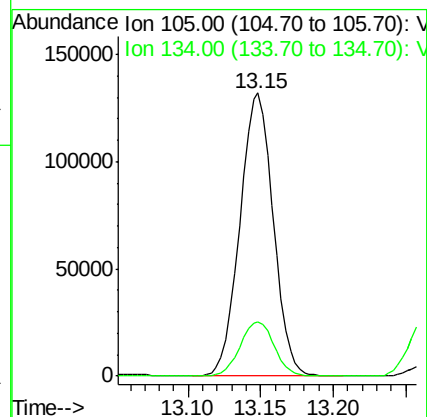
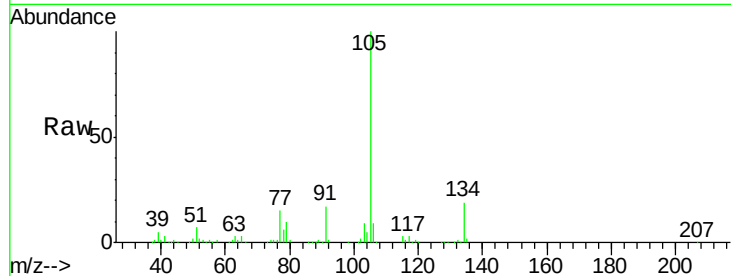
Ion Ratio Lower Upper

105 100

134 19.5 9.5 28.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 17.235 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

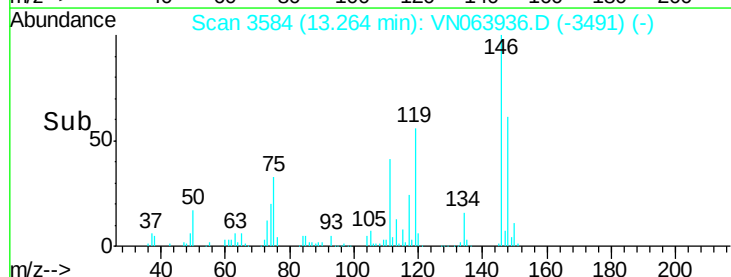
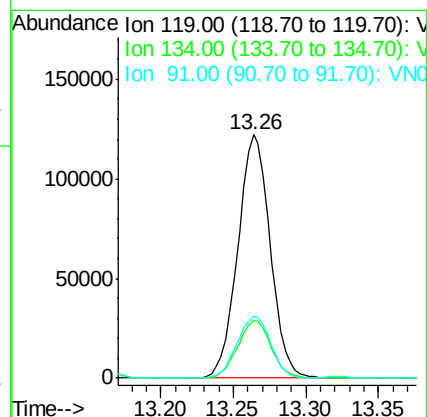
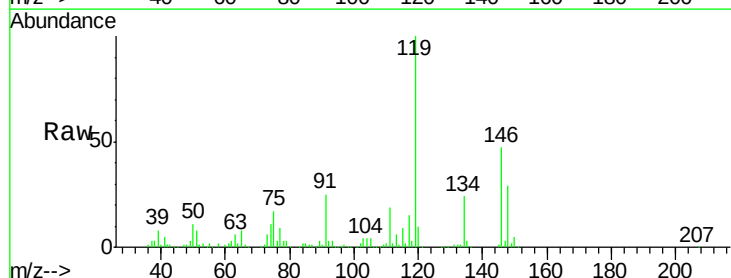
Tgt Ion:119 Resp: 189091

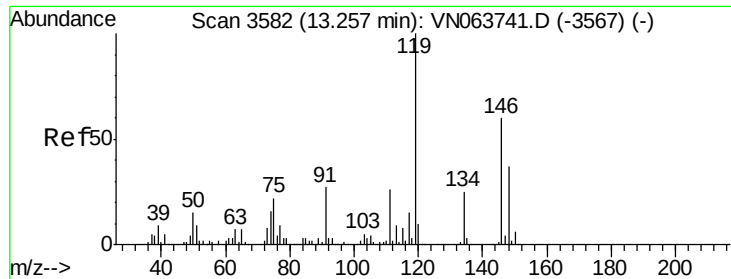
Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

91 26.5 13.4 40.2





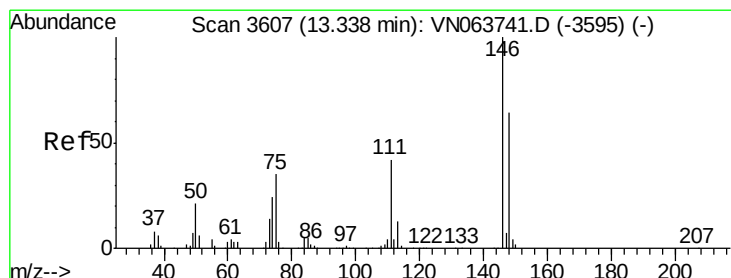
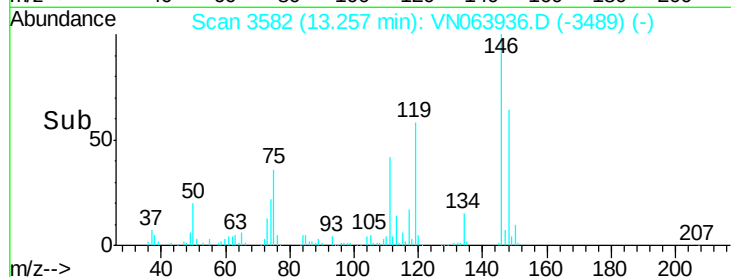
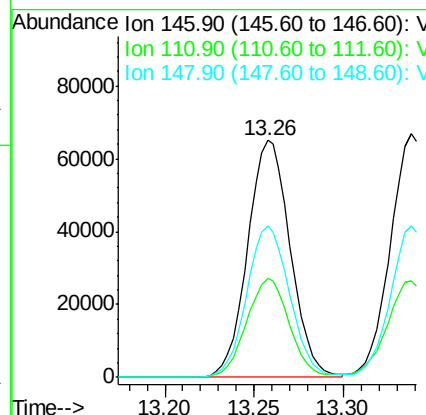
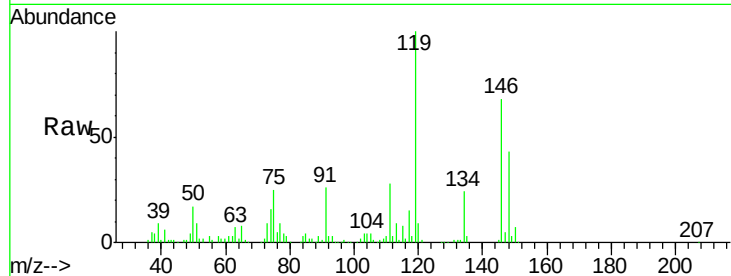
#87
 1,3-Dichlorobenzene
 Concen: 17.805 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	64.3	31.1	93.3

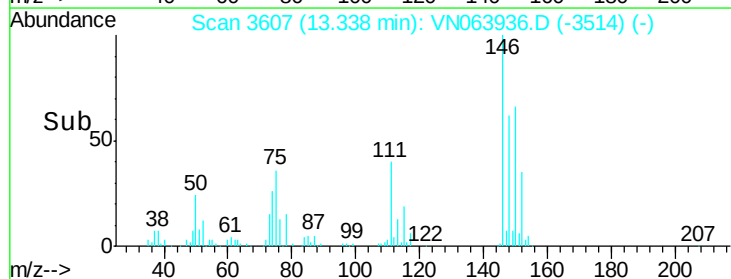
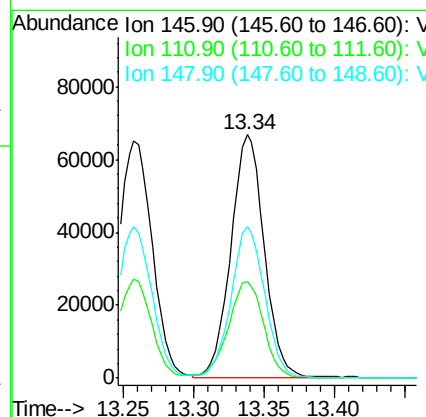
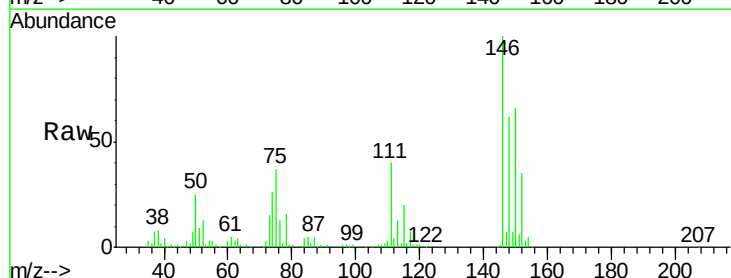
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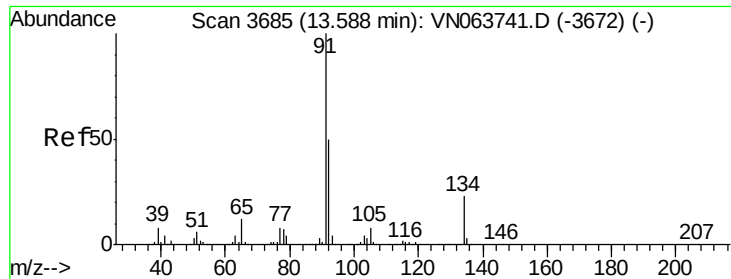
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#88
 1,4-Dichlorobenzene
 Concen: 17.272 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.7
148	62.7	32.0	96.0





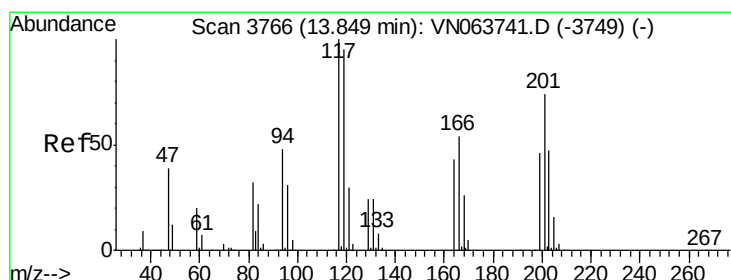
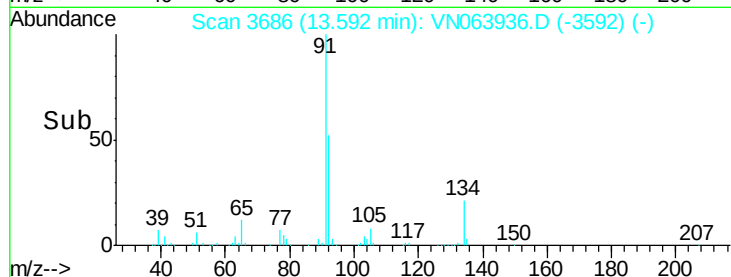
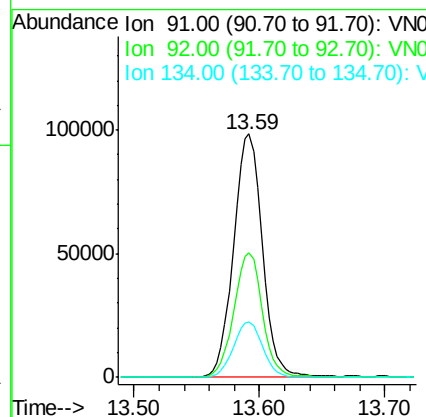
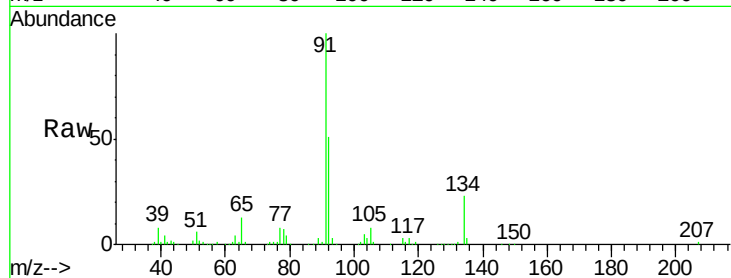
#89
n-Butylbenzene
Concen: 15.524 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.3	25.4	76.4
134	23.1	11.7	35.1

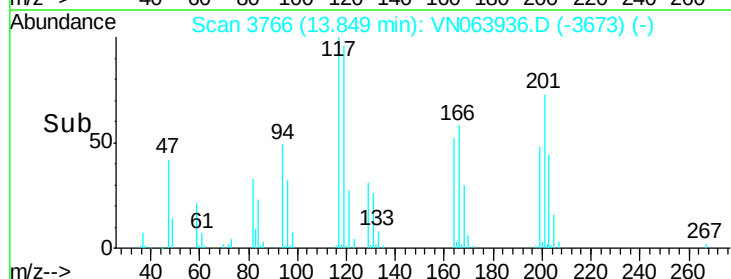
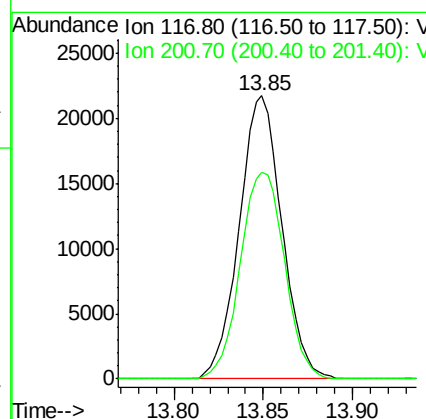
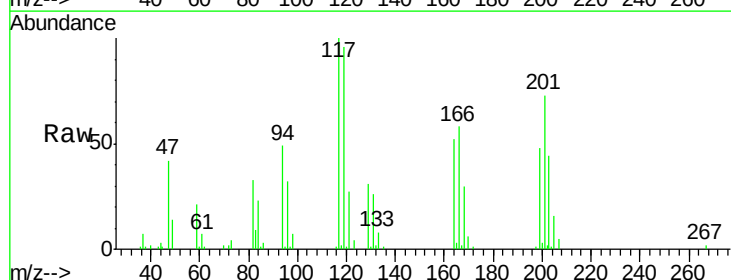
Manual Integrations
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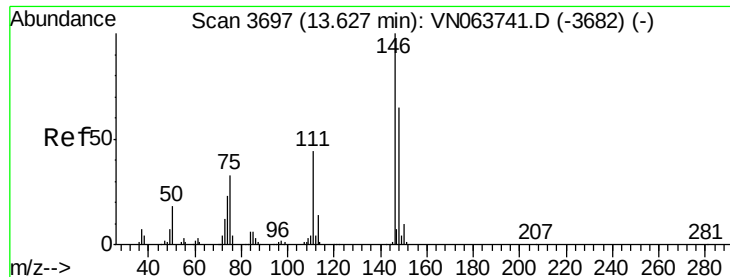
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#90
Hexachloroethane
Concen: 17.061 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.7	36.0	108.0





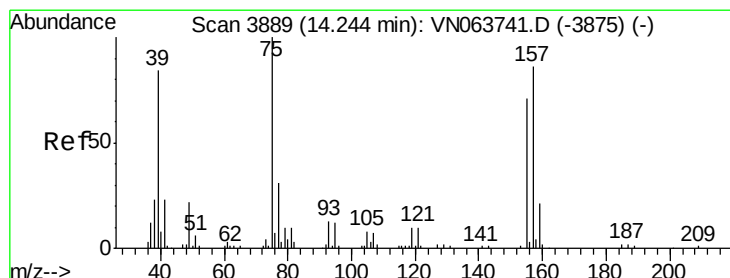
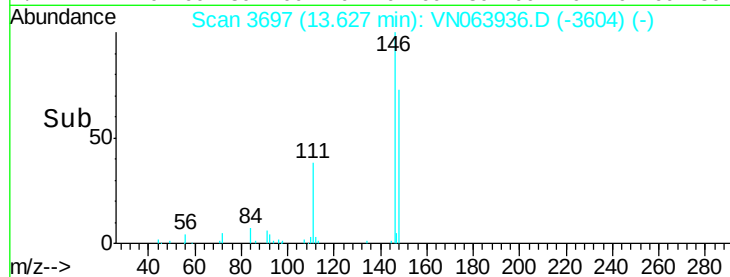
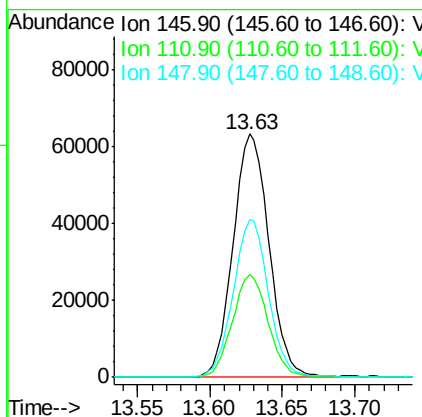
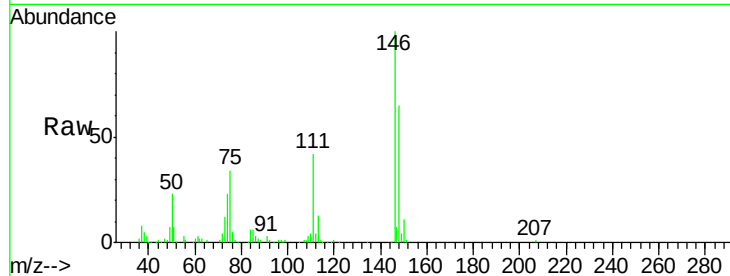
#91
 1,2-Dichlorobenzene
 Concen: 18.025 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.2	66.6
148	63.8	32.5	97.4

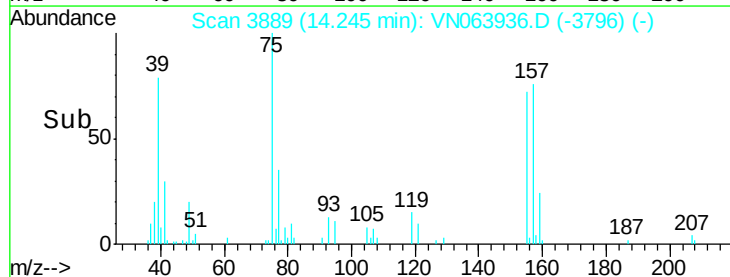
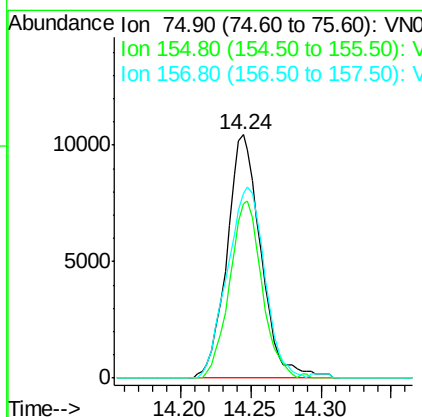
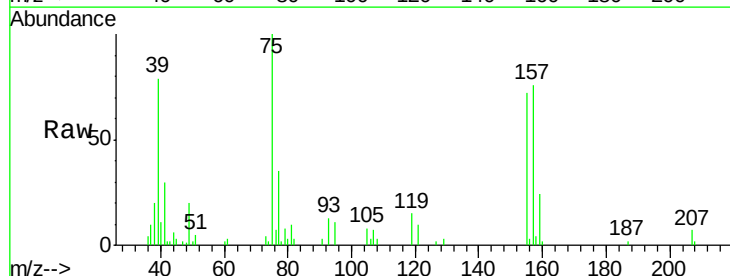
Manual Integrations
 APPROVED

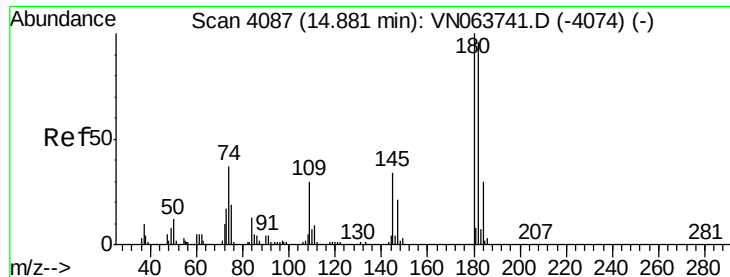
MMDadoda
 10/8/2020 10:08:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.864 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.8	34.8	104.5
157	86.2	43.7	131.1





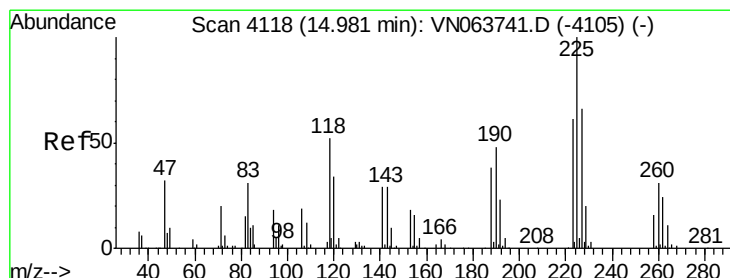
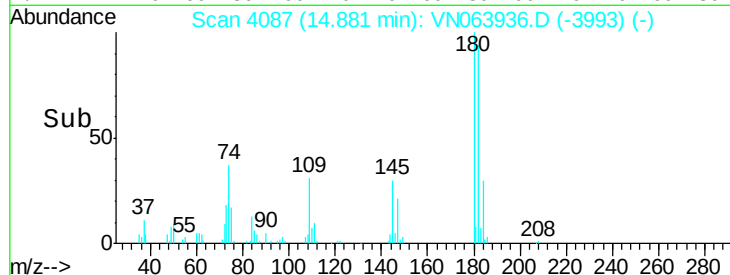
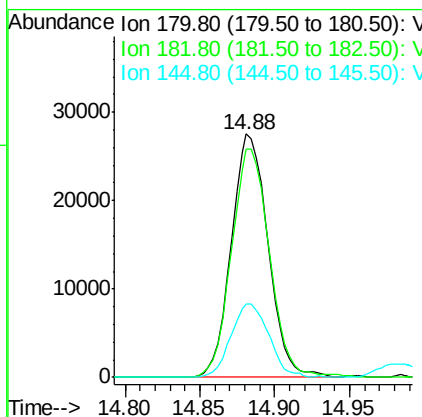
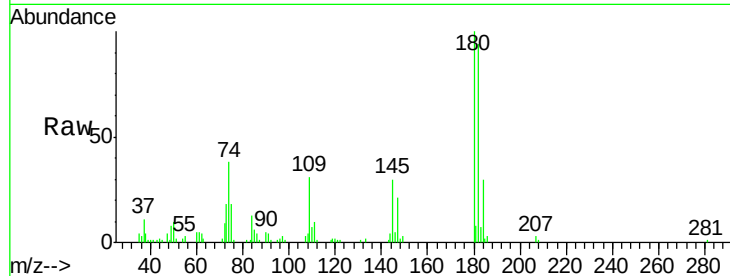
#93
 1,2,4-Trichlorobenzene
 Concen: 15.564 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	47124		
182	96.7	48.2	144.6	
145	31.2	17.1	51.2	

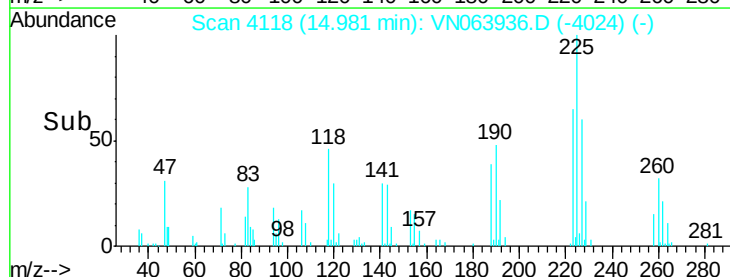
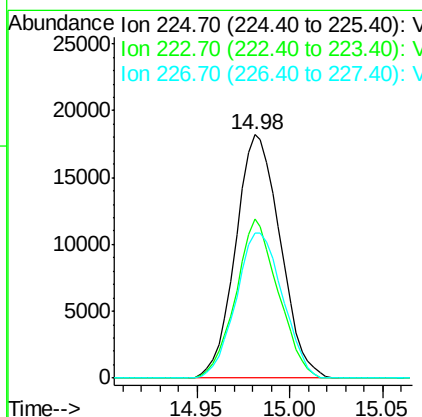
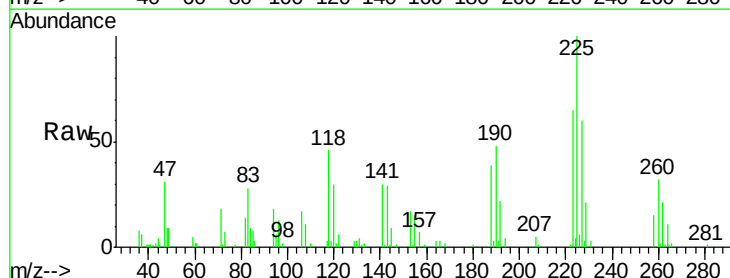
Manual Integrations
 APPROVED

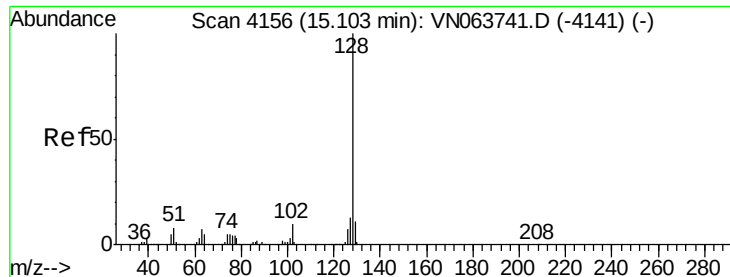
MMDadoda
 10/8/2020 10:08:39 AM



#94
 Hexachlorobutadiene
 Concen: 18.595 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30433		
223	61.9	30.3	91.0	
227	62.0	31.9	95.5	





#95

Naphthalene

Concen: 15.018 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

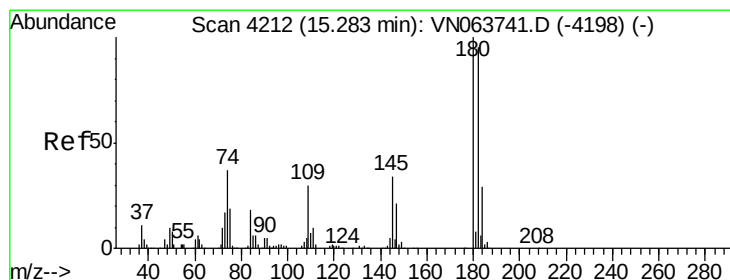
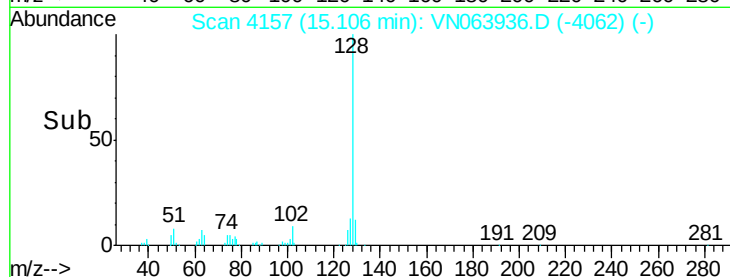
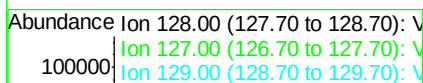
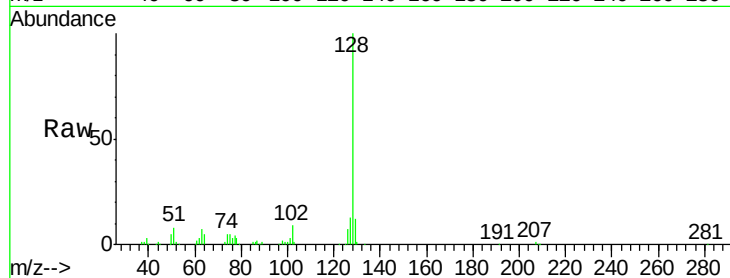
ClientSampled :

VN1007WBS01

Tot Ion:	128	Resp:	138609
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:08:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 15.811 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion:	180	Resp:	46915
Ion Ratio	Lower	Upper	
180	100		
182	91.3	47.9	143.6
145	33.9	17.2	51.5

