

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063792.D
 Acq On : 2 Oct 2020 00:32
 Operator : JC/MD
 Sample : VN1001WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:12:02 PM

Quant Time: Oct 02 03:58:13 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	236267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	384449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209677	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
35) Dibromofluoromethane	7.55	113	141648	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.06	98	509446	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	189665	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43305	17.371	ug/l	95
3) Chloromethane	2.04	50	55192	18.868	ug/l	98
4) Vinyl Chloride	2.16	62	54531	18.571	ug/l	97
5) Bromomethane	2.54	94	34686	18.780	ug/l	92
6) Chloroethane	2.68	64	34859	19.867	ug/l	100
7) Trichlorofluoromethane	2.99	101	88965	19.104	ug/l	96
8) Diethyl Ether	3.37	74	32734	20.784	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44106	17.720	ug/l	98
10) Methyl Iodide	3.91	142	53354	18.461	ug/l	99
11) Tert butyl alcohol	4.73	59	46230	107.278	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	43669	18.355	ug/l	98
13) Acrolein	3.57	56	21954	83.007	ug/l	98
14) Allyl chloride	4.28	41	77577	17.551	ug/l	95
15) Acrylonitrile	4.93	53	124037	100.555	ug/l	99
16) Acetone	3.77	43	121376	101.015	ug/l	96
17) Carbon Disulfide	4.01	76	117618	18.735	ug/l	99
18) Methyl Acetate	4.28	43	64803	20.772	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	176794	20.453	ug/l	99
20) Methylene Chloride	4.51	84	58484	21.307	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	49113	18.430	ug/l	96
22) Diisopropyl ether	5.90	45	189897	20.882	ug/l	96
23) Vinyl Acetate	5.85	43	769361	102.132	ug/l	100
24) 1,1-Dichloroethane	5.80	63	104150	20.030	ug/l	99
25) 2-Butanone	6.78	43	181456	106.519	ug/l	98
26) 2,2-Dichloropropane	6.78	77	71477	15.011	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	59057	19.269	ug/l	98
28) Bromochloromethane	7.15	49	57707	22.455	ug/l	99
29) Tetrahydrofuran	7.17	42	122303	107.045	ug/l	96
30) Chloroform	7.33	83	108364	19.988	ug/l	97
31) Cyclohexane	7.61	56	78592	17.343	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	95619	19.553	ug/l	99
36) 1,1-Dichloropropene	7.75	75	72143	17.505	ug/l	99
37) Ethyl Acetate	6.88	43	76245	18.621	ug/l	99
38) Carbon Tetrachloride	7.73	117	82334	17.816	ug/l	95

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63359	15.416	ug/l	99
40) Benzene	8.00	78	218032	18.522	ug/l	100
41) Methacrylonitrile	7.13	41	35950	19.755	ug/l	93
42) 1,2-Dichloroethane	8.08	62	95751	19.056	ug/l	100
43) Isopropyl Acetate	8.13	43	132361	19.598	ug/l #	90
44) Trichloroethene	8.80	130	53918	17.482	ug/l	97
45) 1,2-Dichloropropane	9.09	63	62668	19.713	ug/l	99
46) Dibromomethane	9.17	93	42475	19.368	ug/l	97
47) Bromodichloromethane	9.37	83	89056	19.703	ug/l	99
48) Methyl methacrylate	9.17	41	66639	19.971	ug/l	95
49) 1,4-Dioxane	9.16	88	18485	389.789	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	403954	101.921	ug/l	100
52) Toluene	10.13	92	135839	18.657	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	86771	17.909	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	92254	18.207	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56075	19.204	ug/l	95
56) Ethyl methacrylate	10.40	69	79629	19.239	ug/l	99
57) 1,3-Dichloropropane	10.68	76	96250	19.484	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	205755	92.936	ug/l	99
59) 2-Hexanone	10.72	43	287039	97.491	ug/l	97
60) Dibromochloromethane	10.87	129	62076	18.255	ug/l	99
61) 1,2-Dibromoethane	10.98	107	57149	19.133	ug/l	97
64) Tetrachloroethene	10.60	164	48839	16.420	ug/l	98
65) Chlorobenzene	11.41	112	140995	17.879	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	55258	18.277	ug/l	95
67) Ethyl Benzene	11.49	91	252315	17.583	ug/l	98
68) m/p-Xylenes	11.60	106	187473	35.053	ug/l	99
69) o-Xylene	11.92	106	89595	17.923	ug/l	98
70) Styrene	11.94	104	152999	18.031	ug/l	99
71) Bromoform	12.10	173	40798	17.644	ug/l #	96
73) Isopropylbenzene	12.23	105	231453	18.280	ug/l	99
74) N-amyl acetate	12.05	43	109114	19.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79243	20.467	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	76766m	20.061	ug/l	
77) Bromobenzene	12.50	156	59562	19.171	ug/l	96
78) n-propylbenzene	12.57	91	264566	17.954	ug/l	98
79) 2-Chlorotoluene	12.65	91	168333	18.574	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	195661	18.420	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23171	17.440	ug/l	93
82) 4-Chlorotoluene	12.75	91	175790	18.685	ug/l	100
83) tert-Butylbenzene	12.97	119	154778	17.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	198147	18.683	ug/l	100
85) sec-Butylbenzene	13.15	105	198040	17.353	ug/l	99
86) p-Isopropyltoluene	13.26	119	173418	17.177	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	101671	18.089	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	104708	17.892	ug/l	99
89) n-Butylbenzene	13.59	91	149800	16.076	ug/l	99
90) Hexachloroethane	13.85	117	33595	17.172	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	105355	18.924	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18387	20.250	ug/l	95

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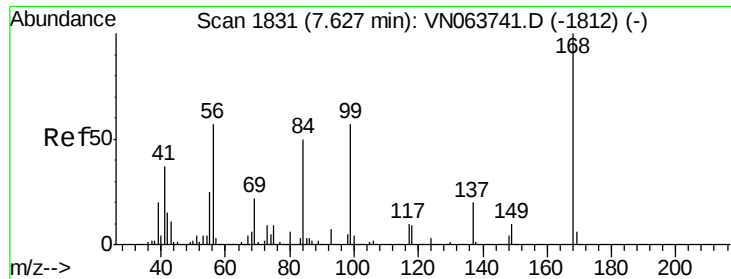
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47832	16.988	ug/l	96
94) Hexachlorobutadiene	14.98	225	25761	17.110	ug/l	98
95) Naphthalene	15.11	128	157239	18.065	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	47715	17.310	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

Tot Ion:168 Resp: 236267

Ion Ratio Lower Upper

168 100

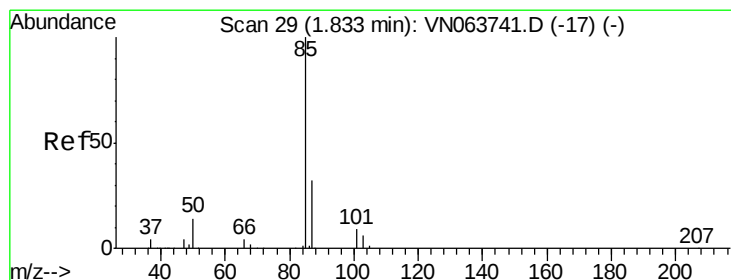
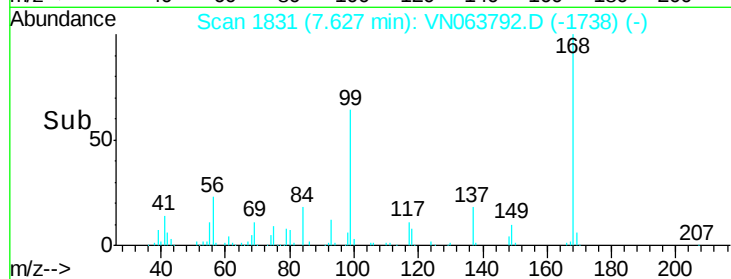
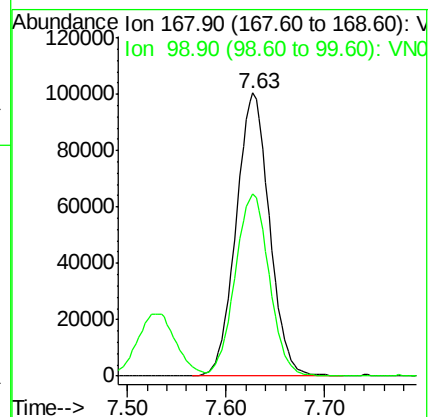
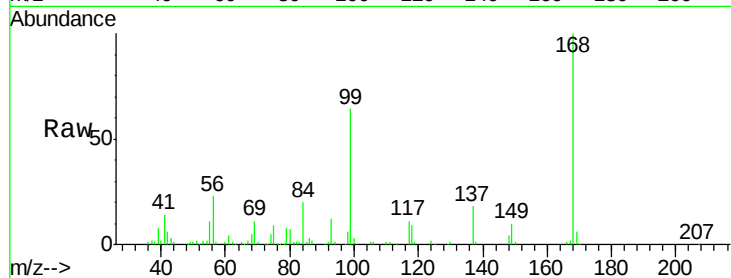
99 63.9 51.8 77.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.371 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063792.D

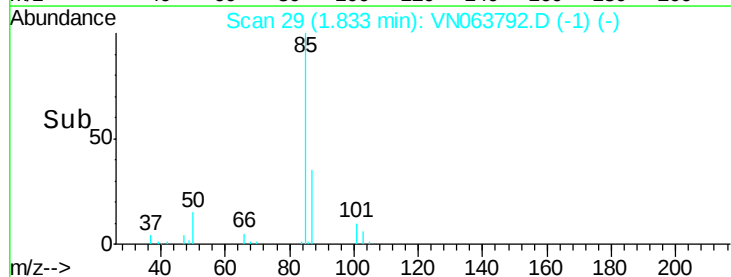
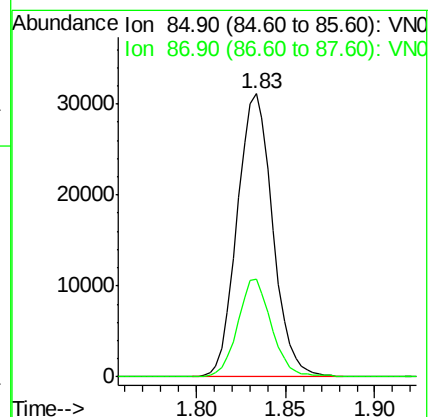
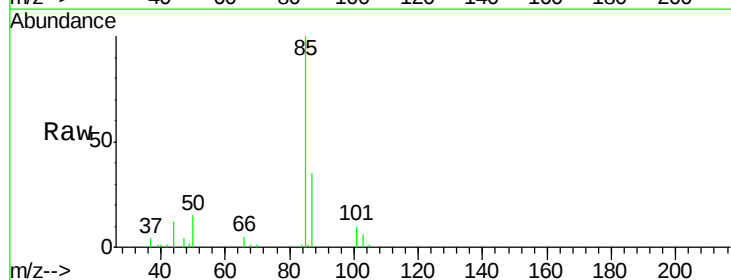
Acq: 2 Oct 2020 00:32

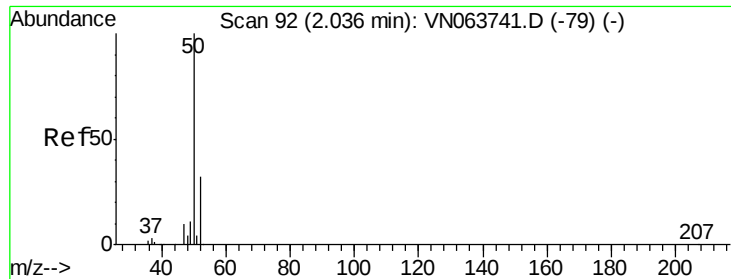
Tgt Ion: 85 Resp: 43305

Ion Ratio Lower Upper

85 100

87 34.5 16.0 48.0





#3

Chloromethane

Concen: 18.868 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

Tot Ion: 50 Resp: 55192

Ion Ratio Lower Upper

50 100

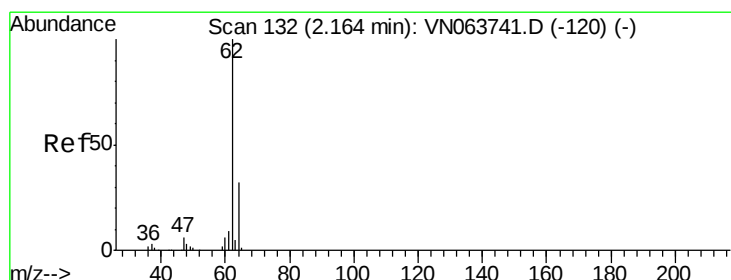
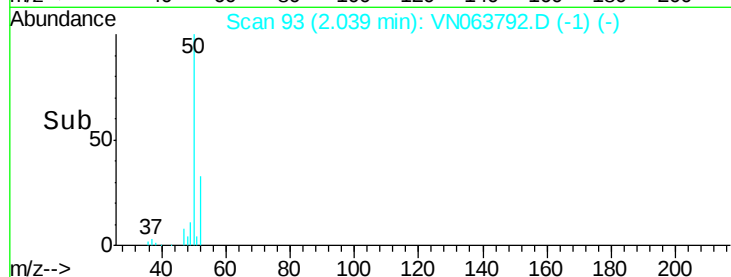
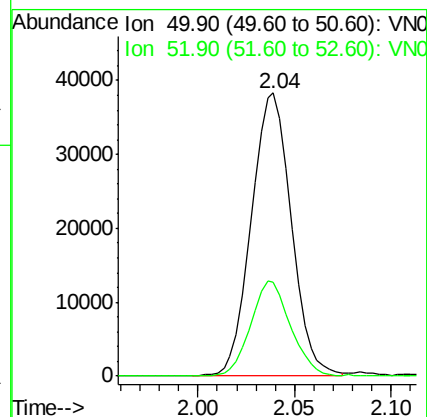
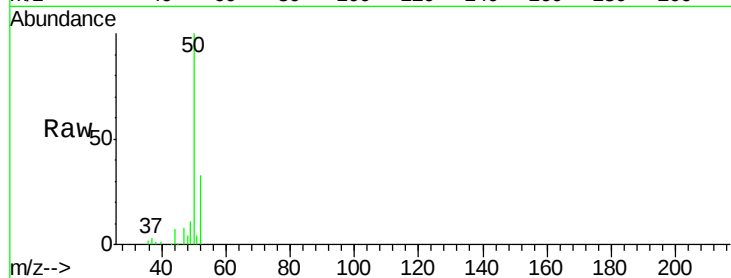
52 33.2 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.571 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063792.D

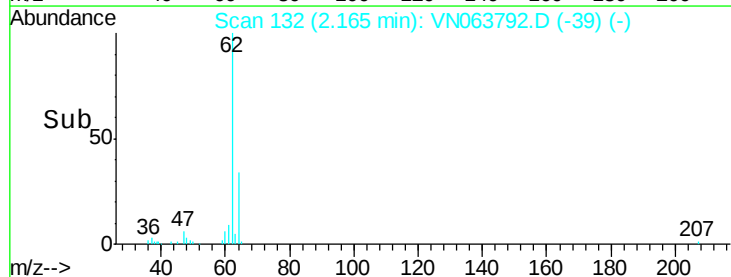
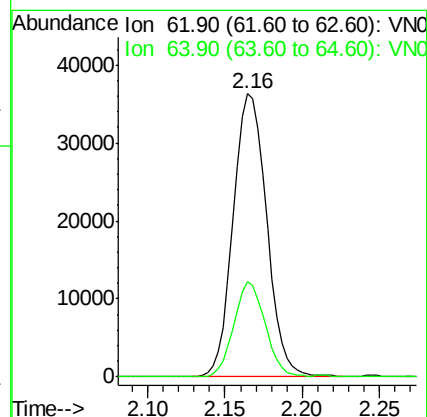
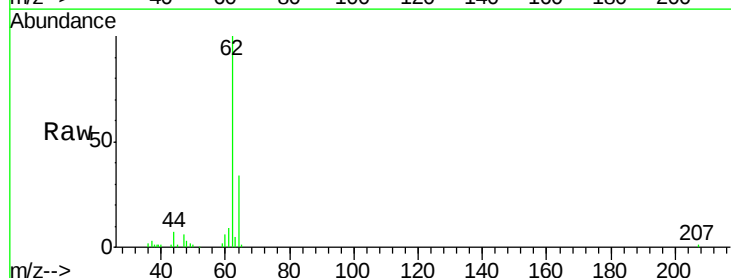
Acq: 2 Oct 2020 00:32

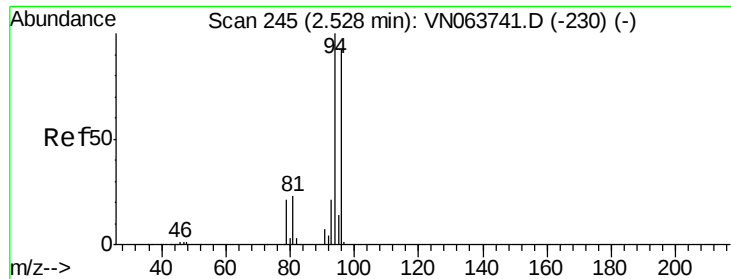
Tgt Ion: 62 Resp: 54531

Ion Ratio Lower Upper

62 100

64 33.6 25.6 38.4





#5

Bromomethane

Concen: 18.780 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

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ClientSampleId :

VN1001WBS02

Tot Ion: 94 Resp: 34686

Ion Ratio Lower Upper

94 100

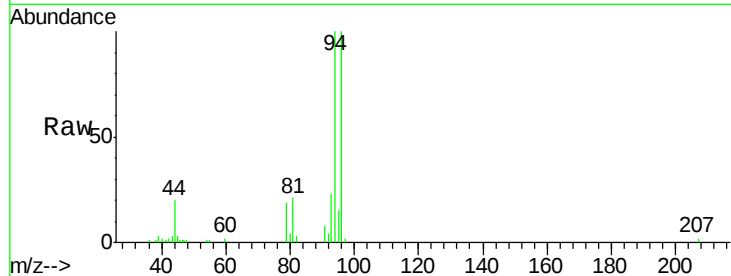
96 99.6 73.3 109.9

Manual Integrations

APPROVED

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10/2/2020 3:12:02 PM



Abundance Ion 93.90 (93.60 to 94.60): VN063792.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN063792.D (-152) (-)

20000

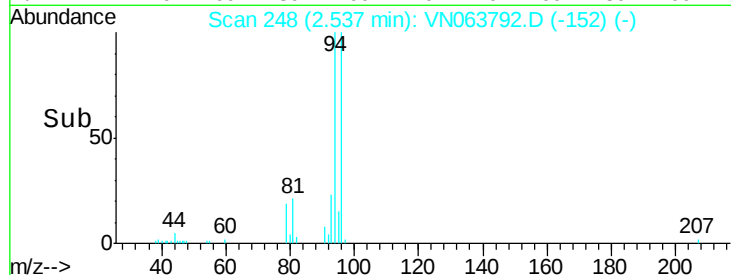
15000

10000

5000

0

Time-->



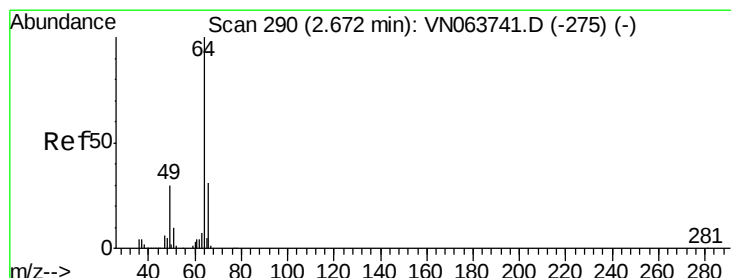
2.54

2.50

2.55

2.60

2.65



#6

Chloroethane

Concen: 19.867 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063792.D

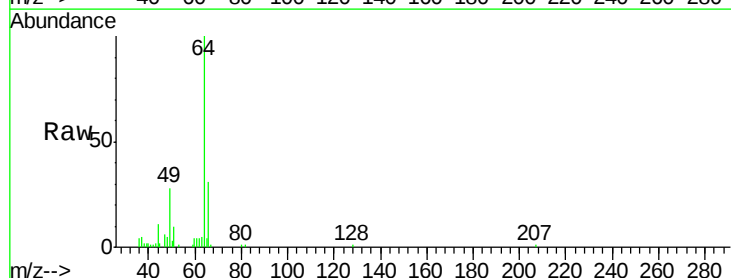
Acq: 2 Oct 2020 00:32

Tgt Ion: 64 Resp: 34859

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063792.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN063792.D (-197) (-)

20000

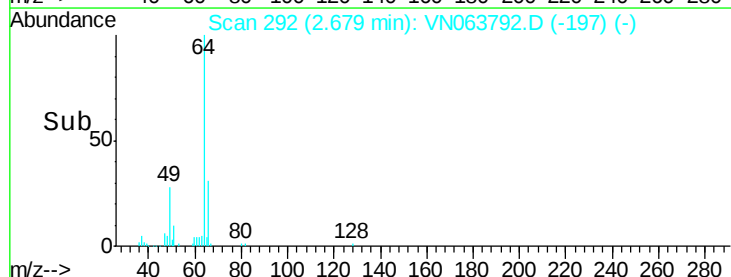
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10000

5000

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Time-->

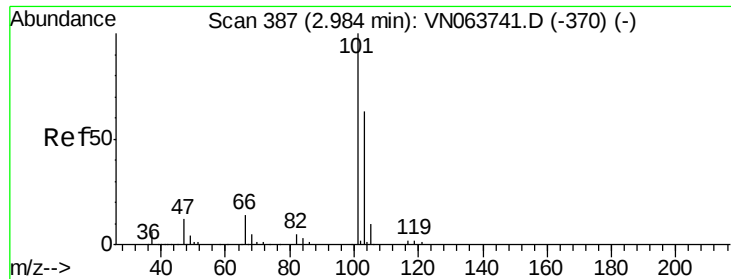


2.68

2.65

2.70

2.75



#7

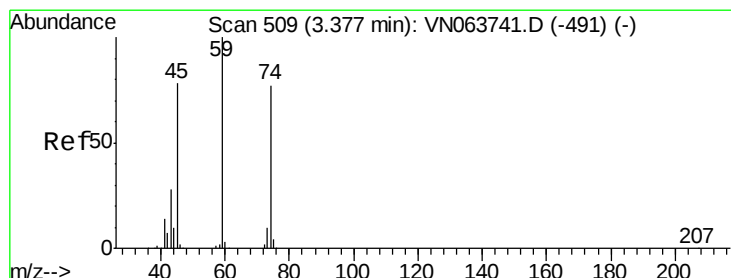
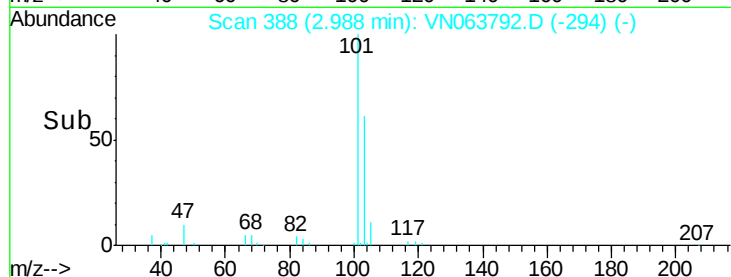
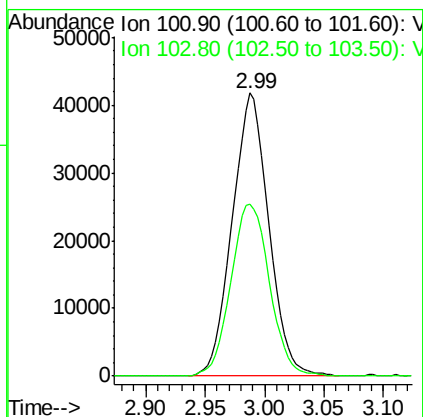
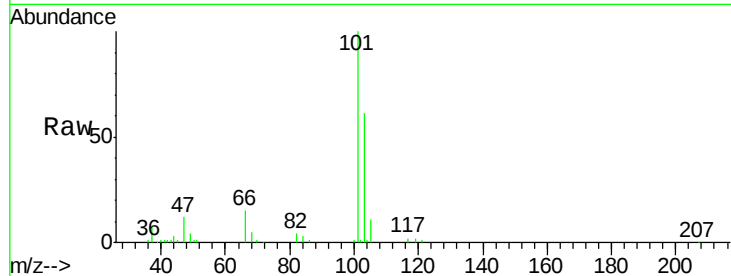
Trichlorofluoromethane
 Concen: 19.104 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063792.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100	100	88965		
103	60.7	50.7	76.1		

Manual Integrations
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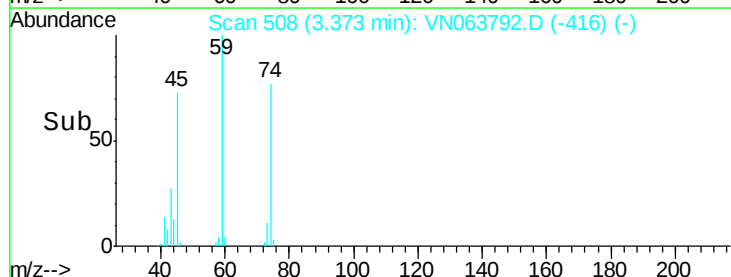
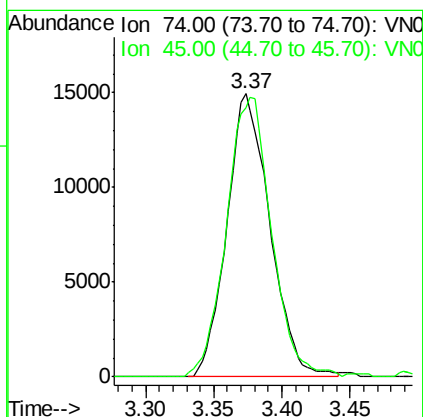
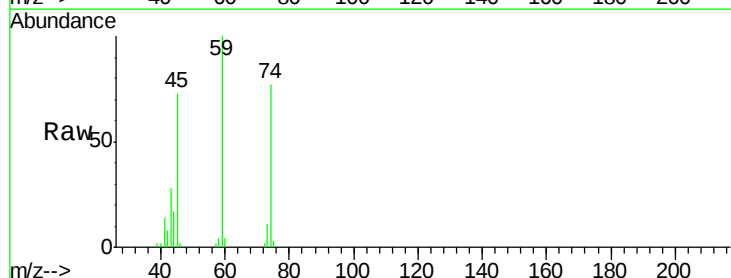
MMDadoda
 10/2/2020 3:12:02 PM

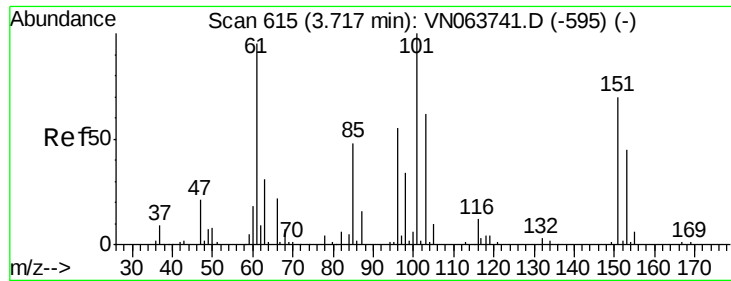


#8

Diethyl Ether
 Concen: 20.784 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100	100	32734		
45	103.5	50.9	152.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.720 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

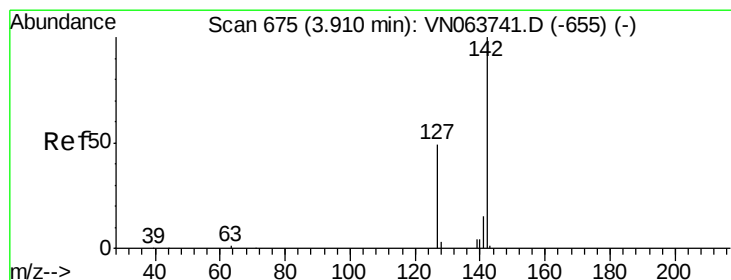
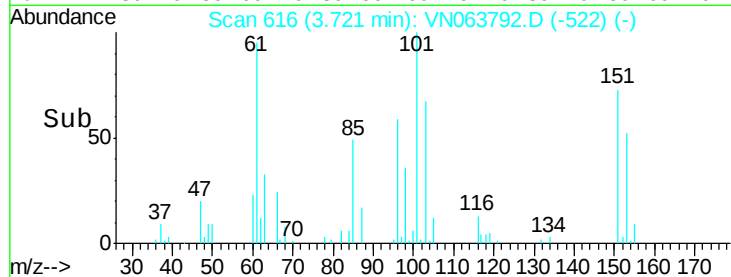
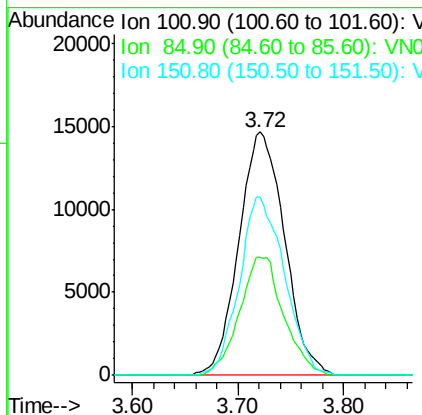
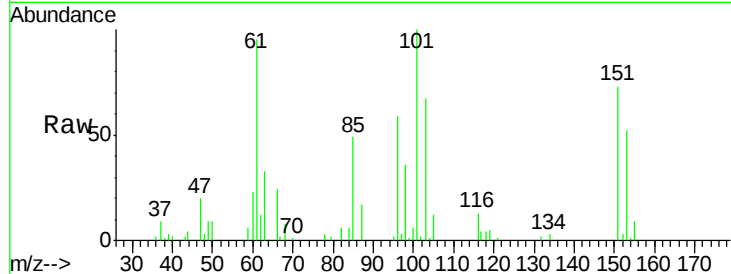
ClientSampleId :

VN1001WBS02

Tot Ion:	101	Resp:	44106
Ion Ratio	Lower	Upper	
101	100		
85	46.9	38.6	58.0
151	72.3	58.7	88.1

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 18.461 ug/l

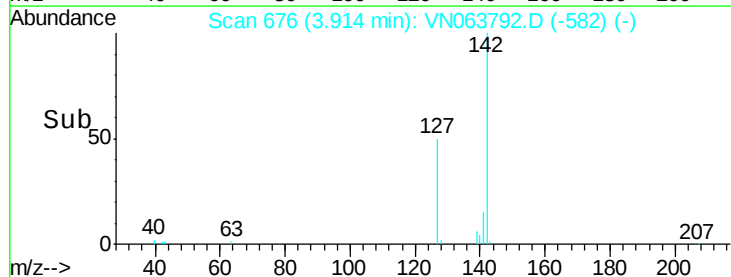
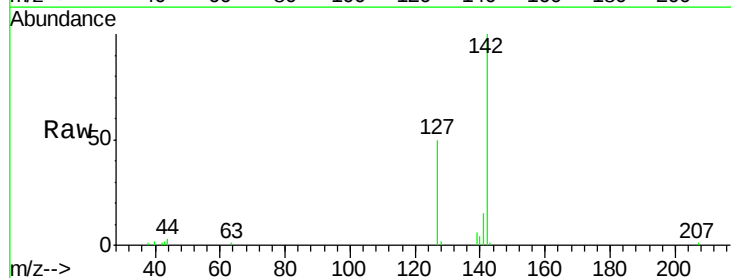
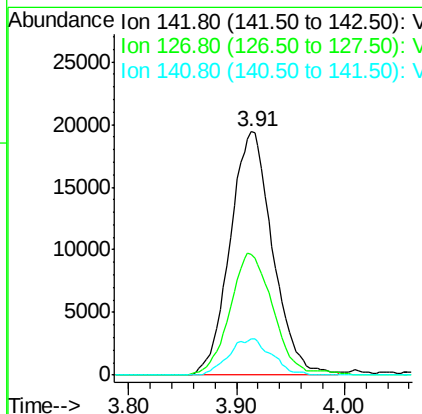
RT: 3.91 min Scan# 676

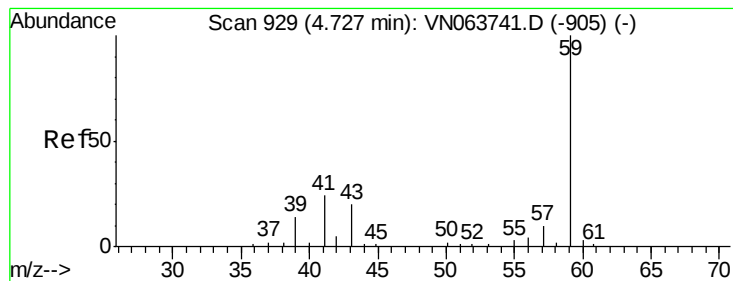
Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion:	142	Resp:	53354
Ion Ratio	Lower	Upper	
142	100		
127	50.1	40.5	60.7
141	14.9	11.7	17.5





#11

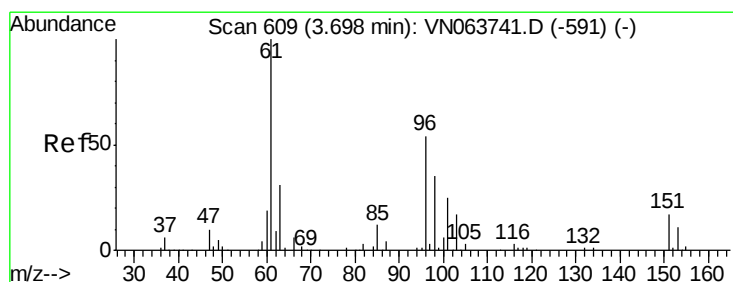
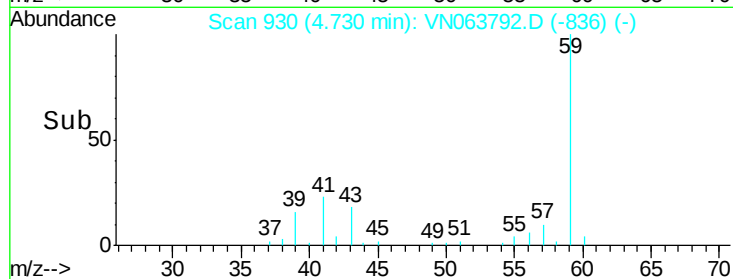
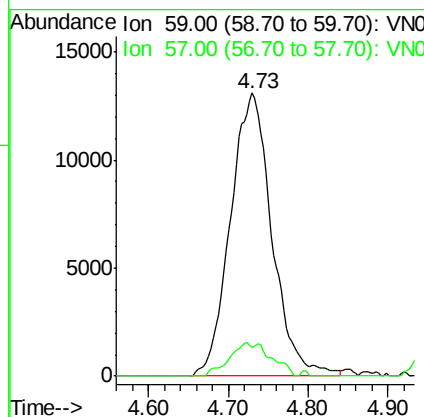
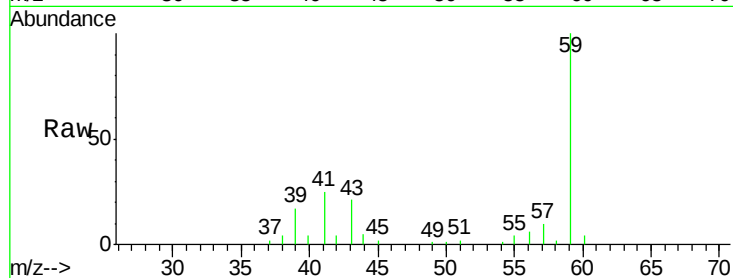
Tert butyl alcohol
Concen: 107.278 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion: 59 Resp: 46230
Ion Ratio Lower Upper
59 100
57 6.6 8.7 13.1#

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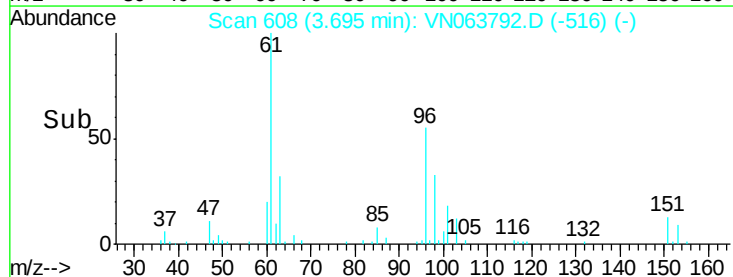
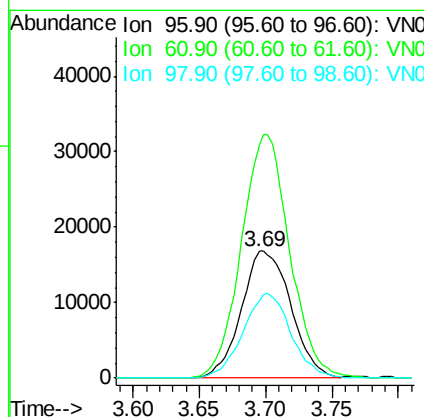
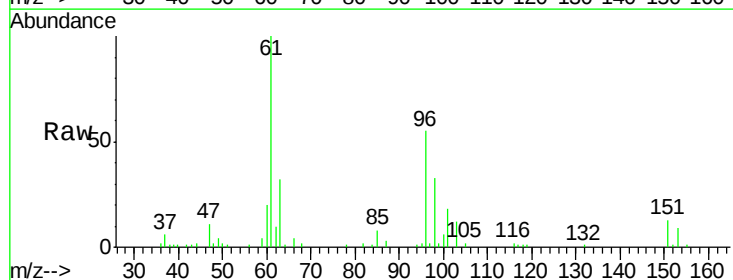
MMDadoda
10/2/2020 3:12:02 PM

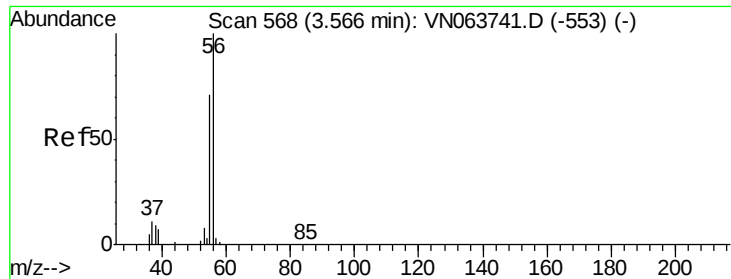


#12

1,1-Dichloroethene
Concen: 18.355 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 96 Resp: 43669
Ion Ratio Lower Upper
96 100
61 183.4 147.7 221.5
98 60.9 51.9 77.9





#13

Acrolein

Concen: 83.007 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

Tot Ion: 56 Resp: 21954

Ion Ratio Lower Upper

56 100

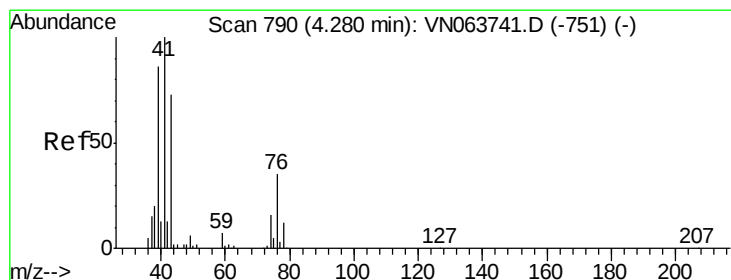
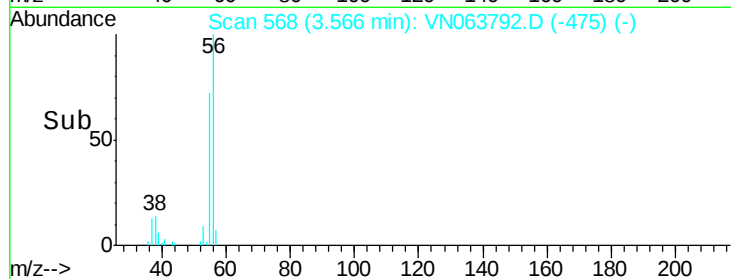
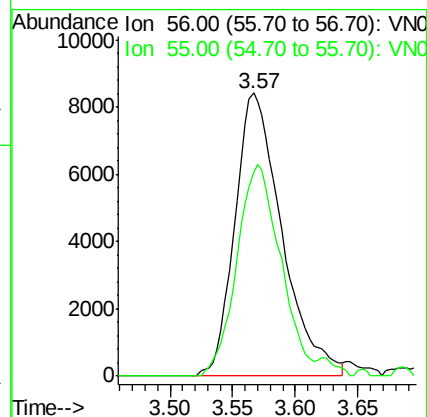
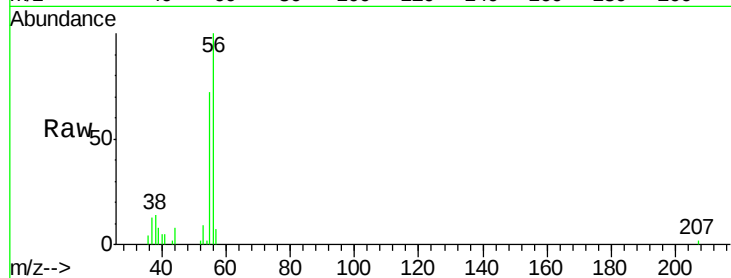
55 69.3 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 17.551 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

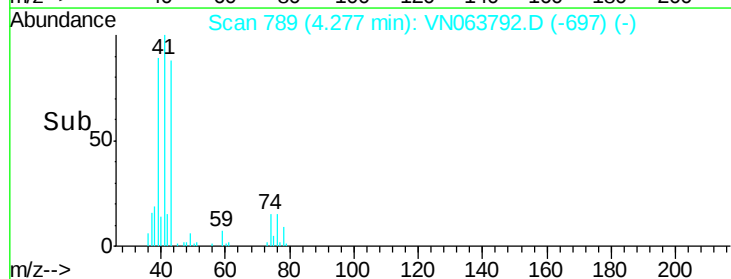
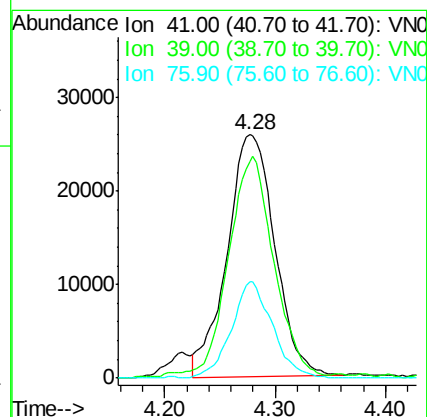
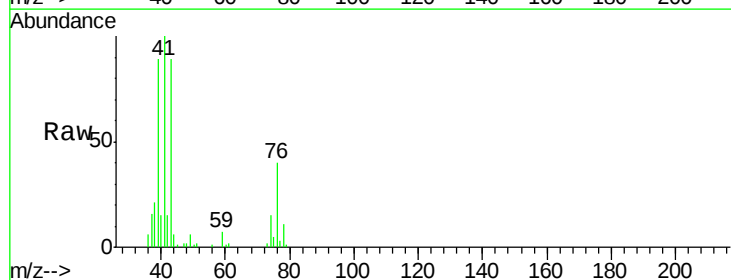
Tgt Ion: 41 Resp: 77577

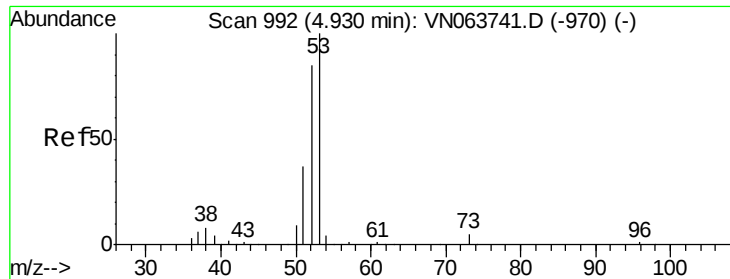
Ion Ratio Lower Upper

41 100

39 85.5 64.5 96.7

76 34.4 25.9 38.9





#15

Acrylonitrile

Concen: 100.555 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

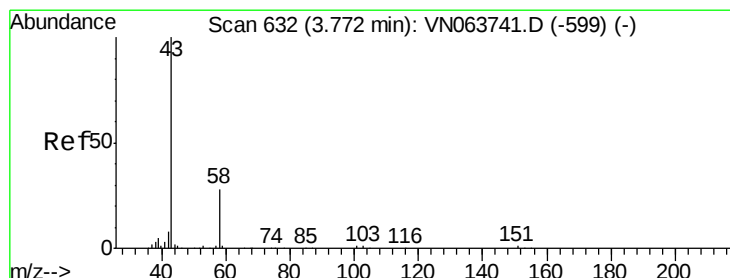
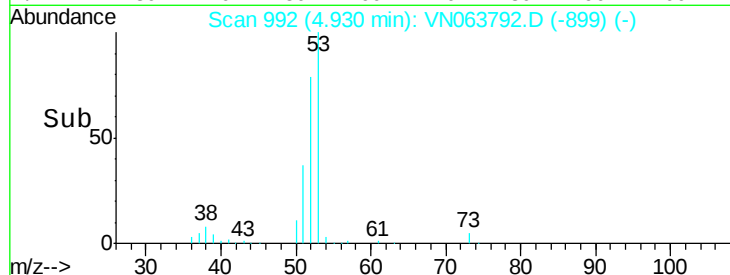
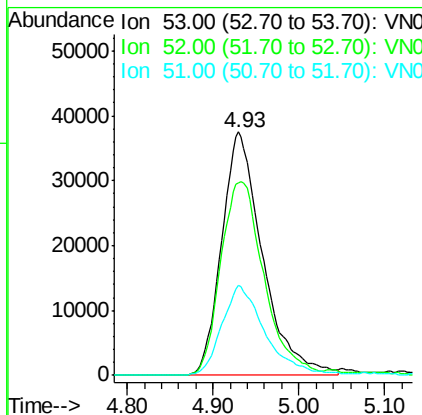
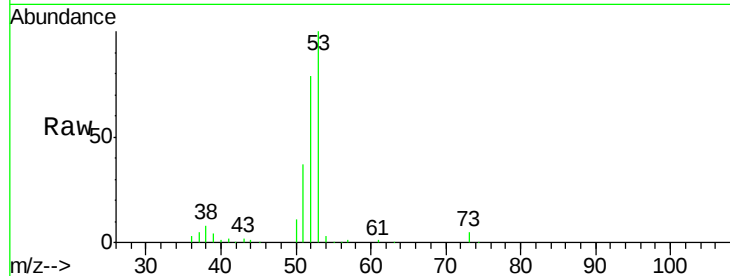
ClientSampleId :

VN1001WBS02

Tot Ion:	53	Resp:	124037
Ion Ratio	Lower	Upper	
53	100		
52	84.1	66.5	99.7
51	38.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 101.015 ug/l

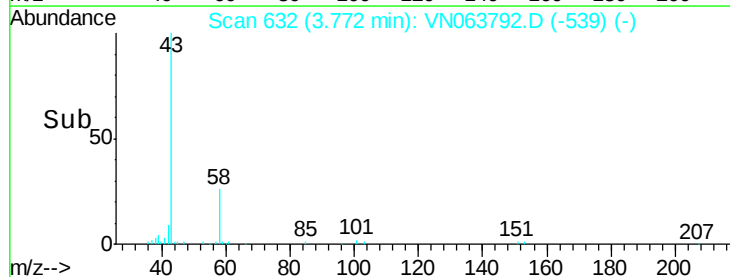
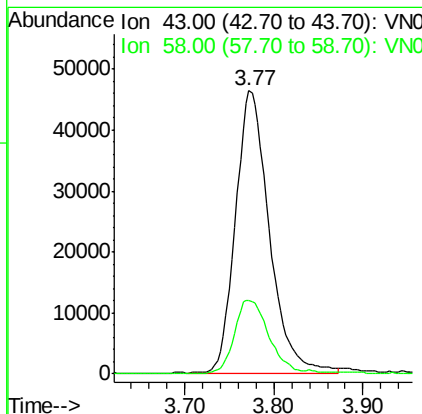
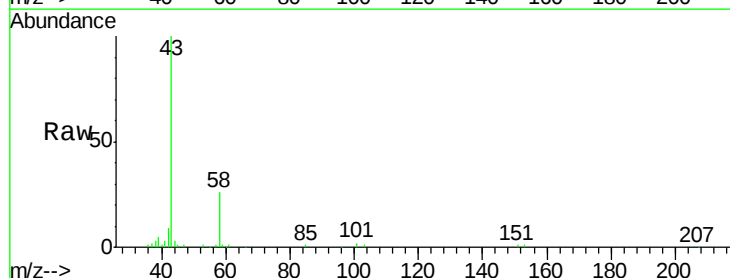
RT: 3.77 min Scan# 632

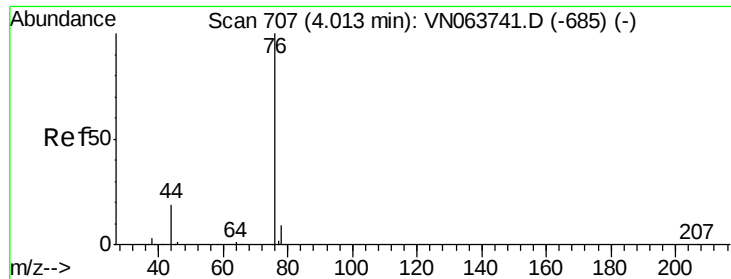
Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion:	43	Resp:	121376
Ion Ratio	Lower	Upper	
43	100		
58	26.0	22.3	33.5





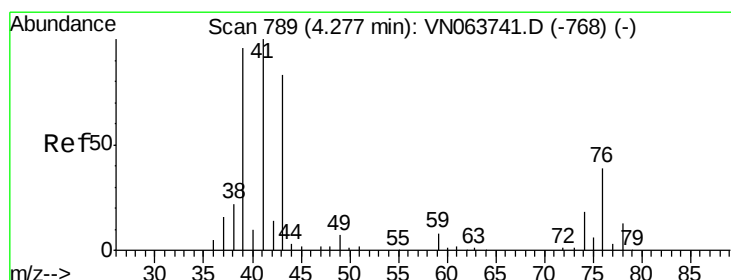
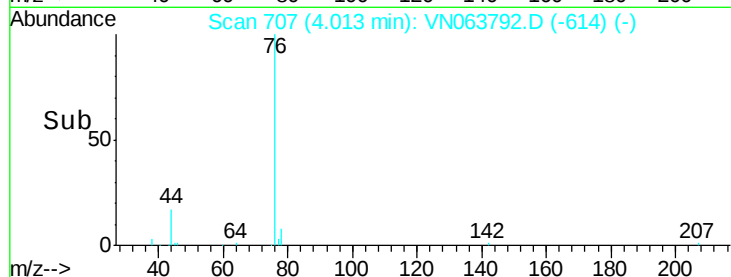
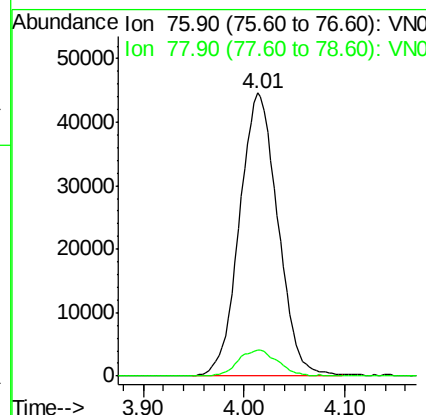
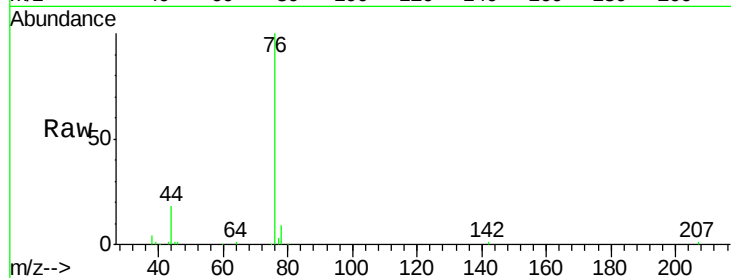
#17
Carbon Disulfide
Concen: 18.735 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion: 76 Resp: 117618
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

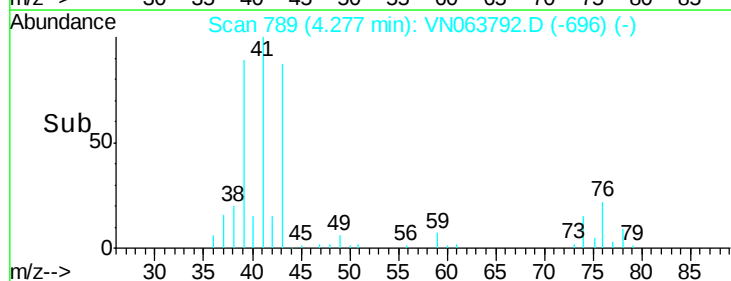
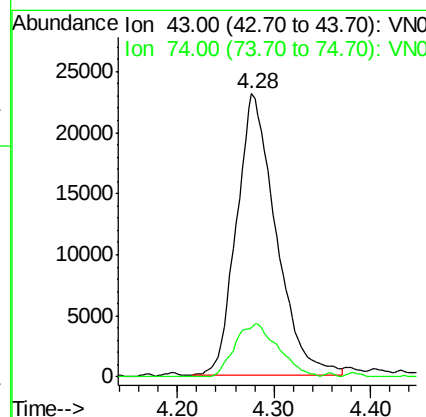
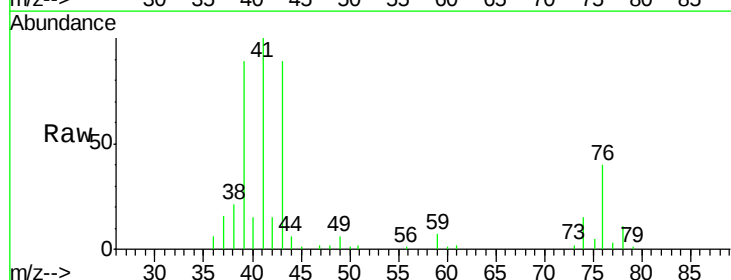
Manual Integrations
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MMDadoda
10/2/2020 3:12:02 PM



#18
Methyl Acetate
Concen: 20.772 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 43 Resp: 64803
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.2





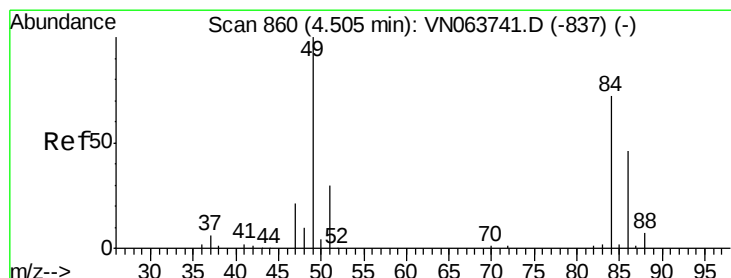
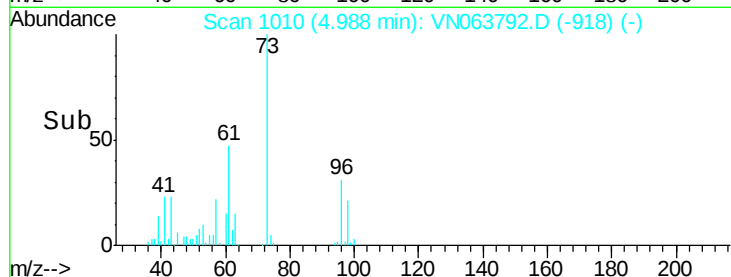
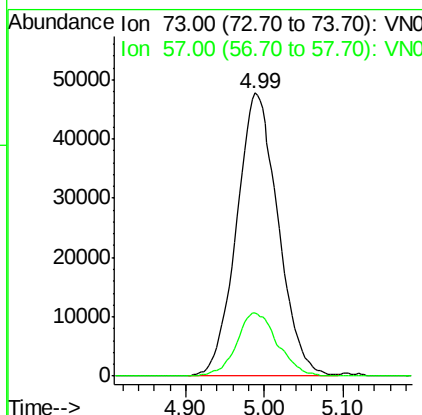
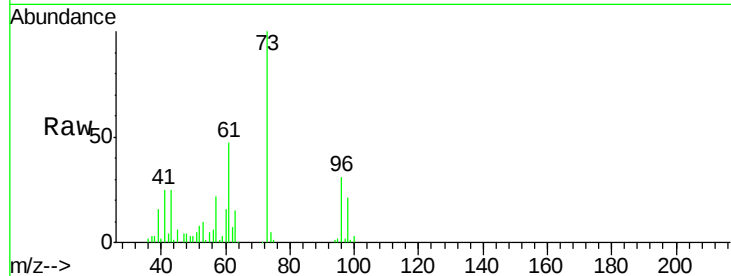
#19
Methvl tert-butvl Ether
Concen: 20.453 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion: 73 Resp: 176794
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

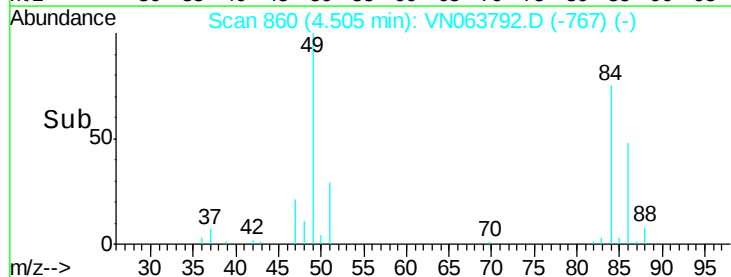
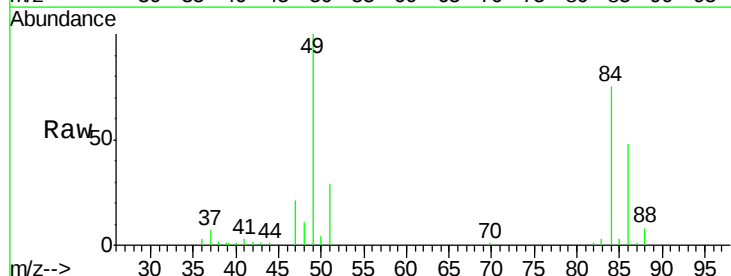
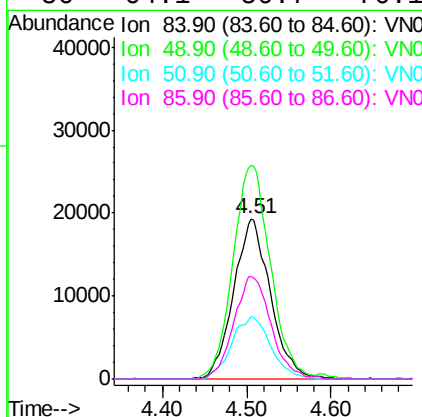
Manual Integrations
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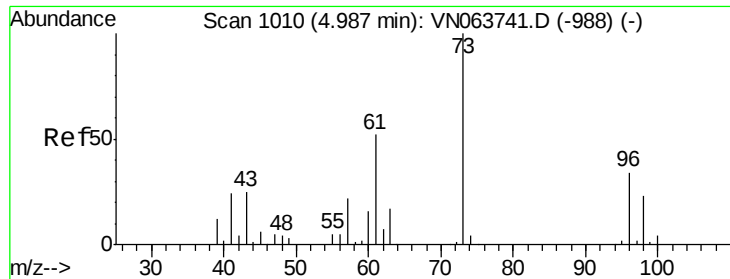
MMDadoda
10/2/2020 3:12:02 PM



#20
Methylene Chloride
Concen: 21.307 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 84 Resp: 58484
Ion Ratio Lower Upper
84 100
49 133.2 110.4 165.6
51 38.9 33.3 49.9
86 64.1 50.7 76.1





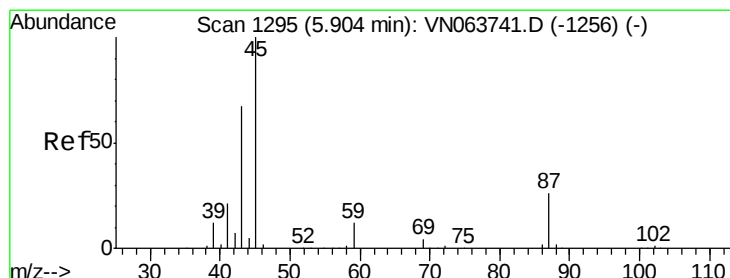
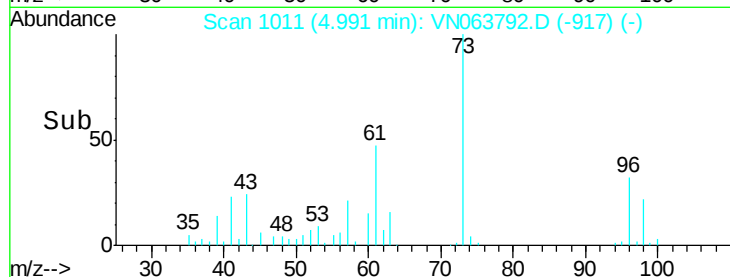
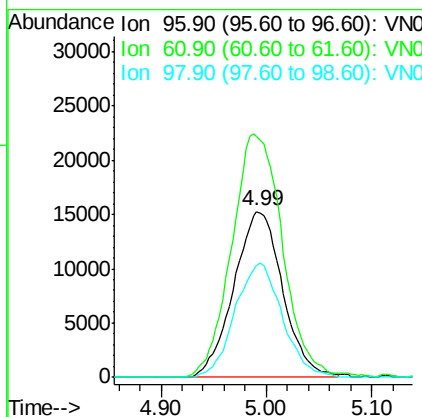
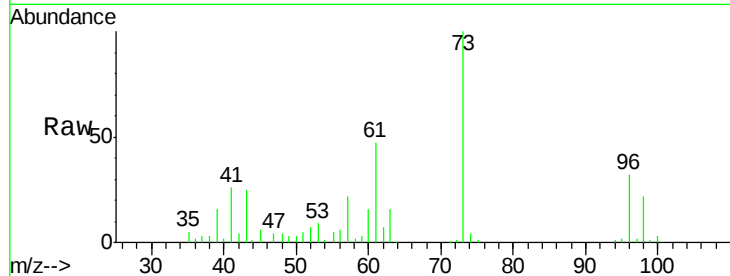
#21
trans-1,2-Dichloroethene
Concen: 18.430 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	120.2	180.2
98	67.3	52.6	79.0

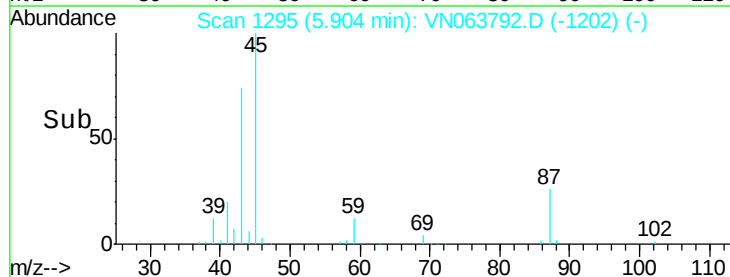
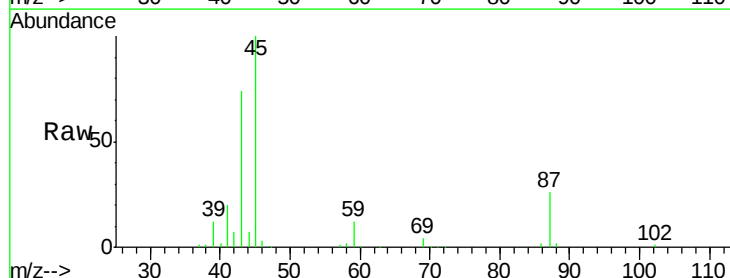
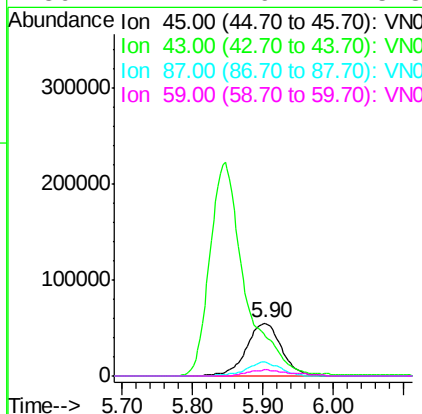
Manual Integrations
APPROVED

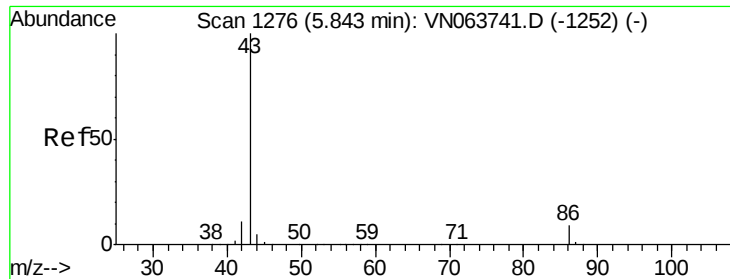
MMDadoda
10/2/2020 3:12:02 PM



#22
Diisopropyl ether
Concen: 20.882 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.6	53.7	80.5
87	25.9	21.1	31.7
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 102.132 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampled :

VN1001WBS02

Tot Ion: 43 Resp: 769361

Ion Ratio Lower Upper

43 100

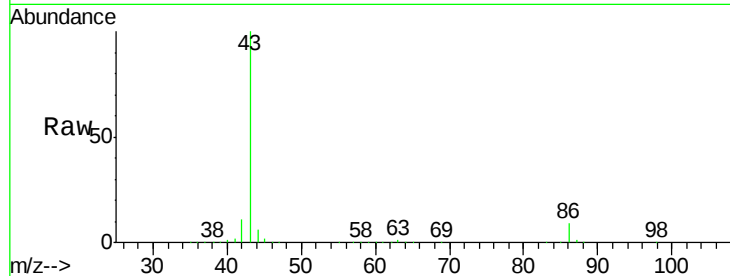
86 9.1 7.3 10.9

Manual Integrations

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MMDadoda

10/2/2020 3:12:02 PM



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN063741.D (-1252) (-)

250000

200000

150000

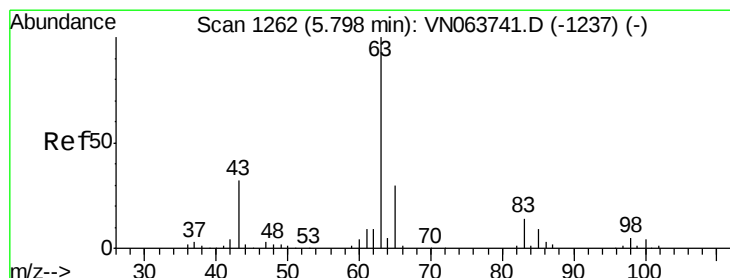
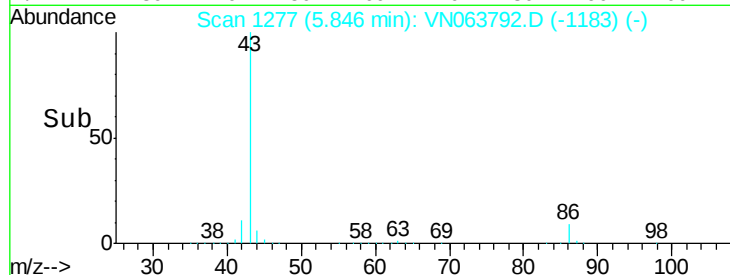
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.030 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

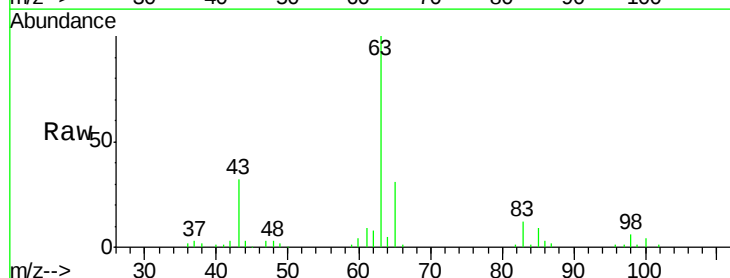
Tgt Ion: 63 Resp: 104150

Ion Ratio Lower Upper

63 100

98 5.8 2.7 8.1

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN063741.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN063741.D (-1237) (-)

40000

30000

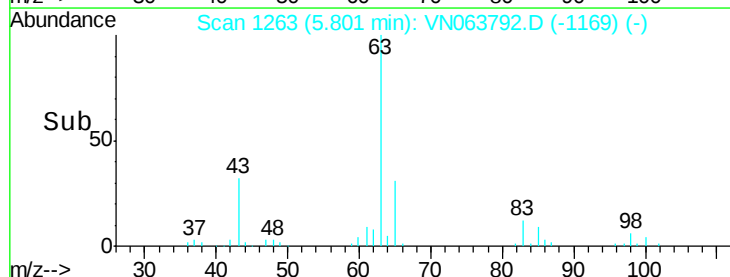
20000

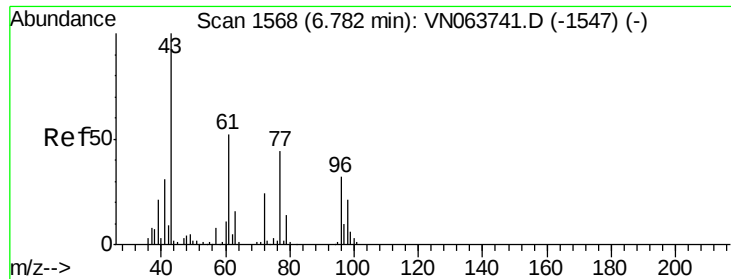
10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 106.519 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

Tot Ion: 43 Resp: 181456

Ion Ratio Lower Upper

43 100

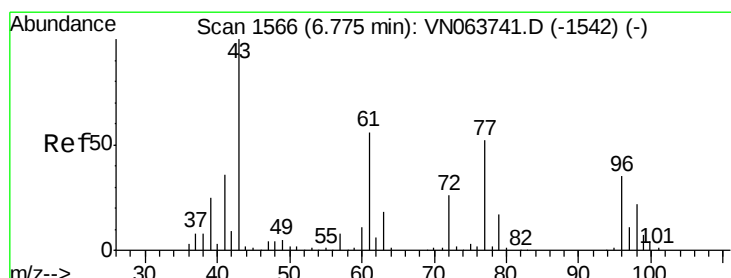
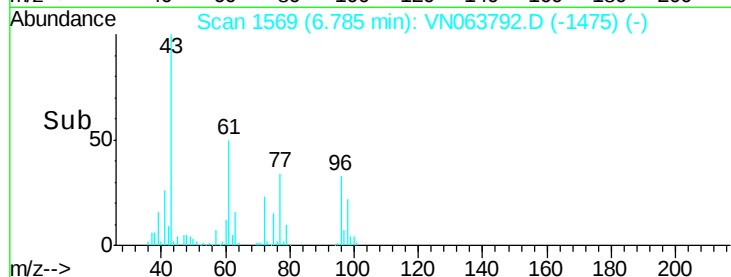
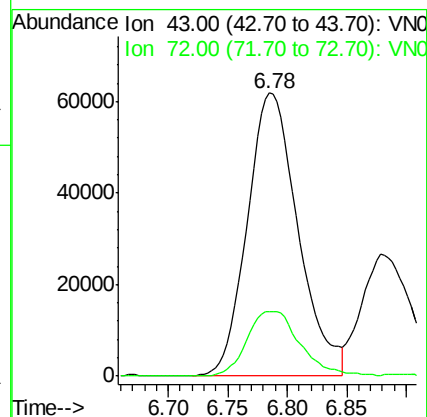
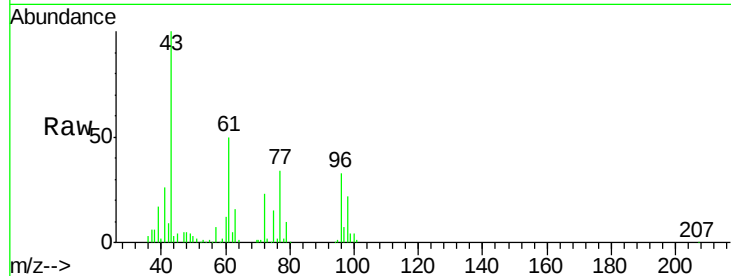
72 23.0 19.3 28.9

Manual Integrations

APPROVED

MMDadoda

10/2/2020 3:12:02 PM



#26

2,2-Dichloropropane

Concen: 15.011 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063792.D

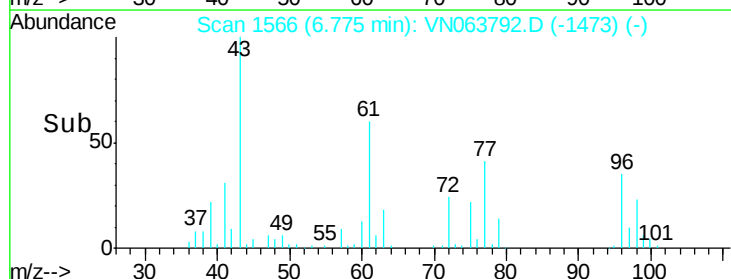
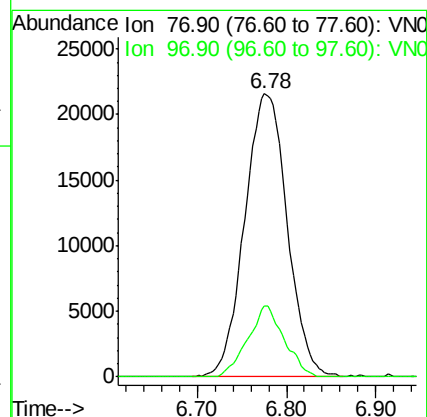
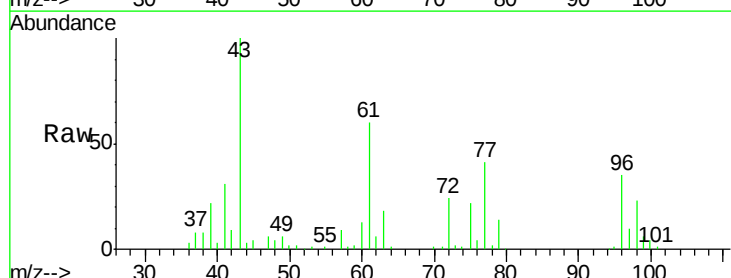
Acq: 2 Oct 2020 00:32

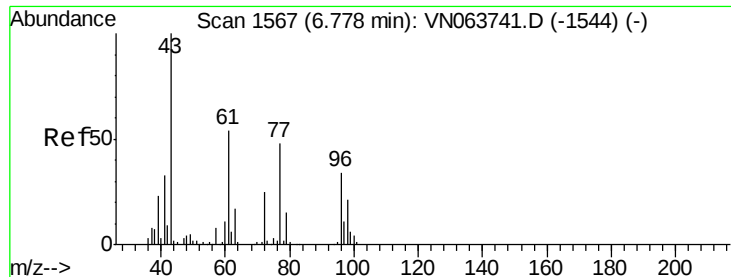
Tgt Ion: 77 Resp: 71477

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.269 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

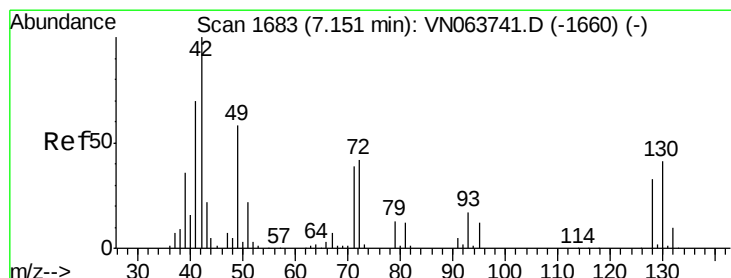
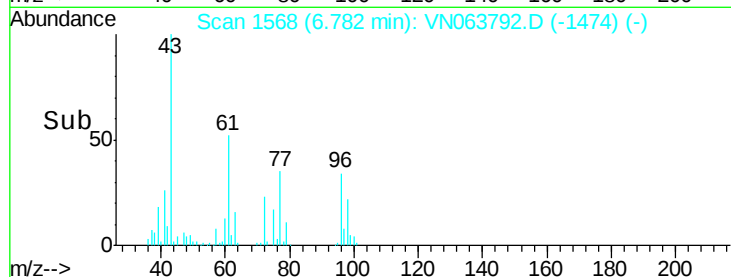
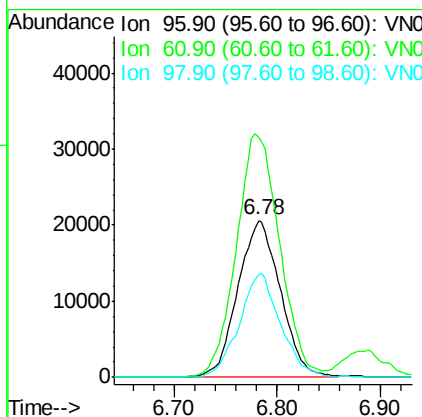
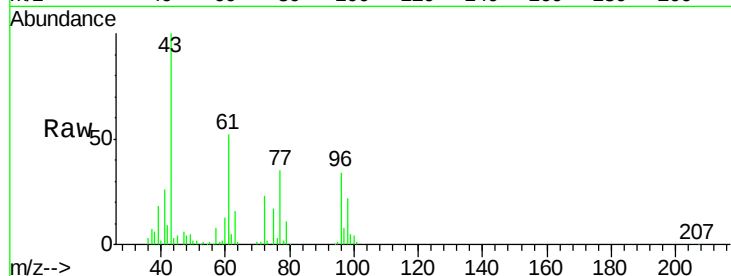
ClientSampleId :

VN1001WBS02

Tot Ion:	96	Resp:	59057
Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	321.2
98	64.1	0.0	124.4

Manual Integrations
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MMDadoda
10/2/2020 3:12:02 PM



#28

Bromochloromethane

Concen: 22.455 ug/l

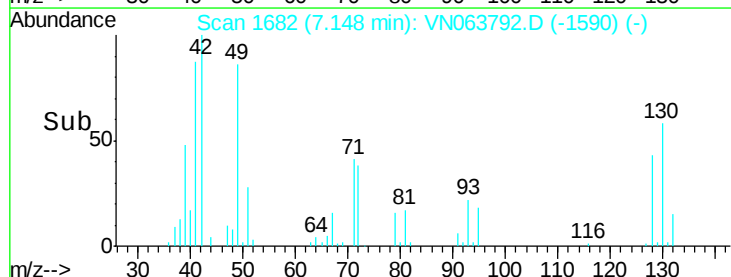
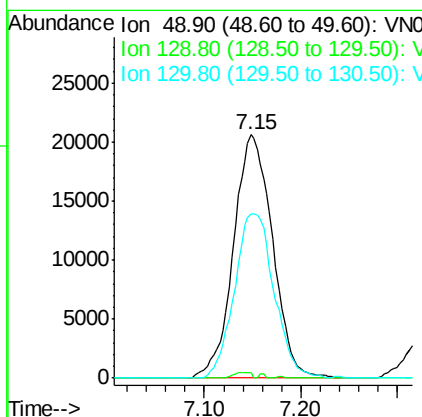
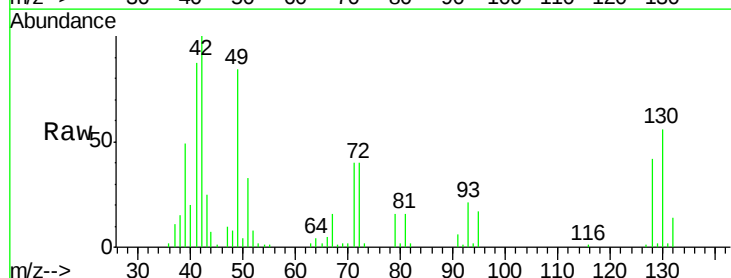
RT: 7.15 min Scan# 1682

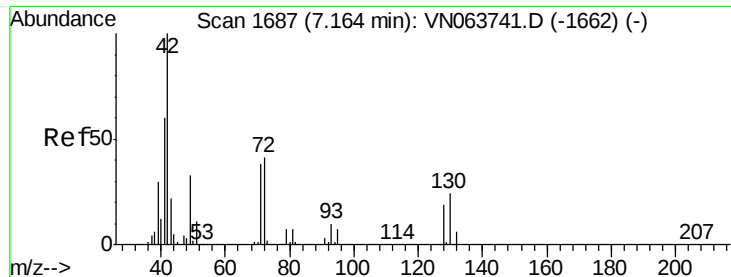
Delta R.T. -0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion:	49	Resp:	57707
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.8
130	68.6	55.6	83.4





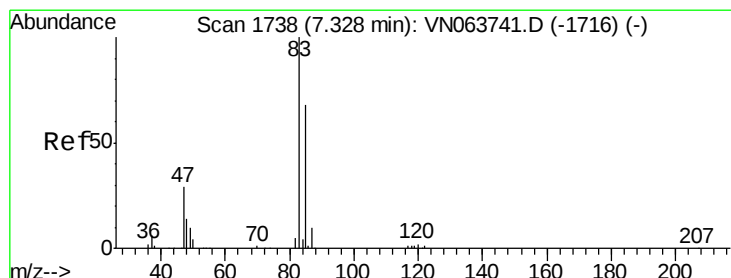
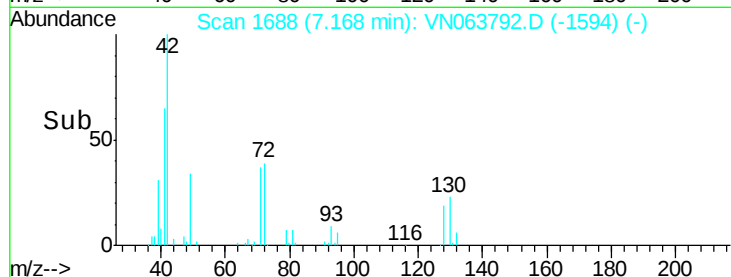
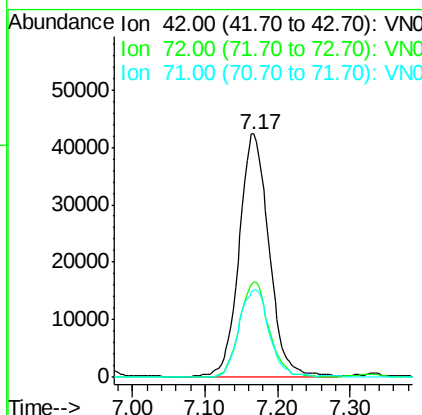
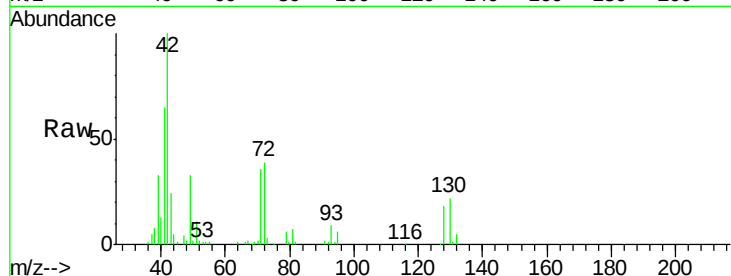
#29
Tetrahydrofuran
Concen: 107.045 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	32.8	49.2
71	35.9	30.6	45.8

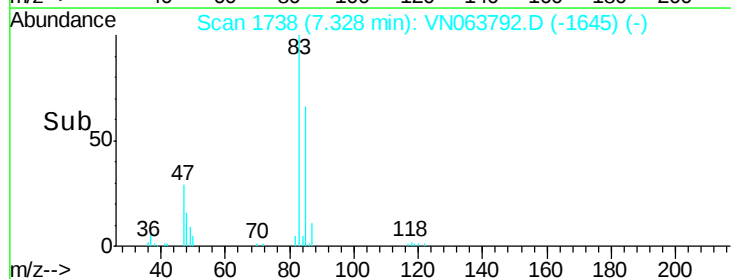
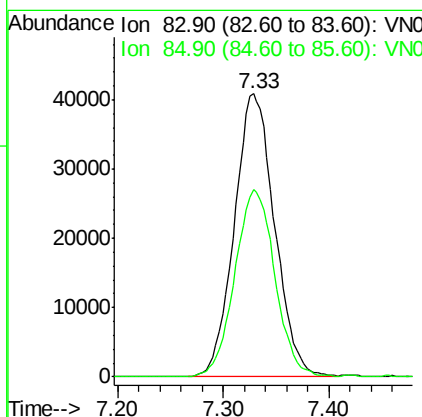
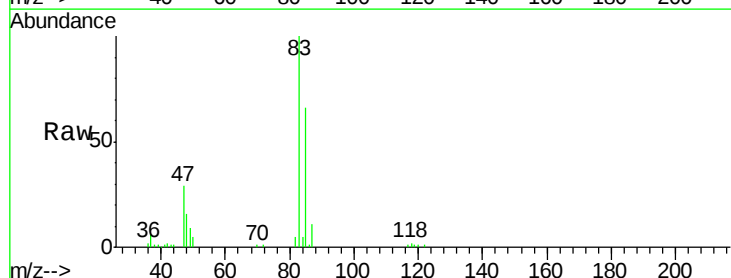
Manual Integrations
APPROVED

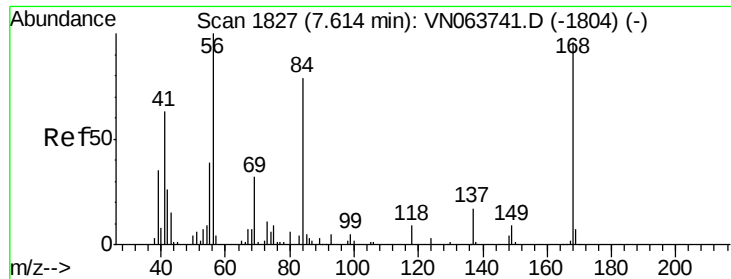
MMDadoda
10/2/2020 3:12:02 PM



#30
Chloroform
Concen: 19.988 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	54.6	82.0





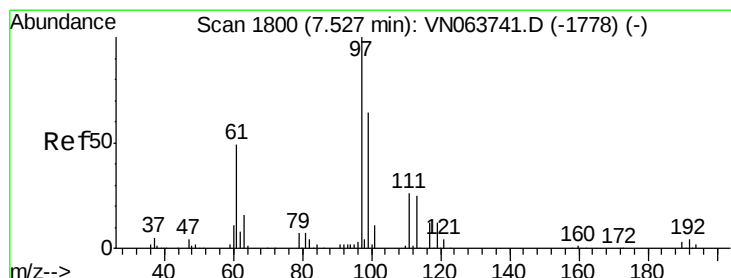
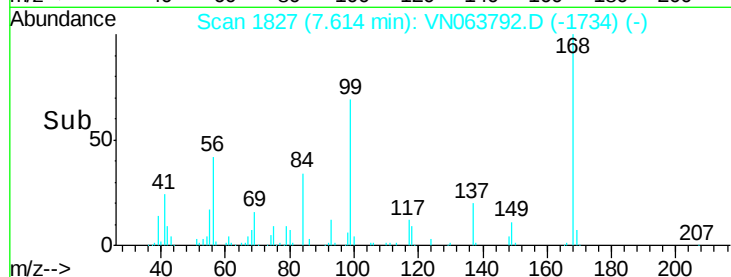
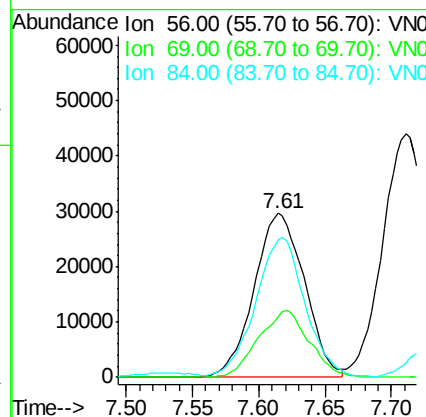
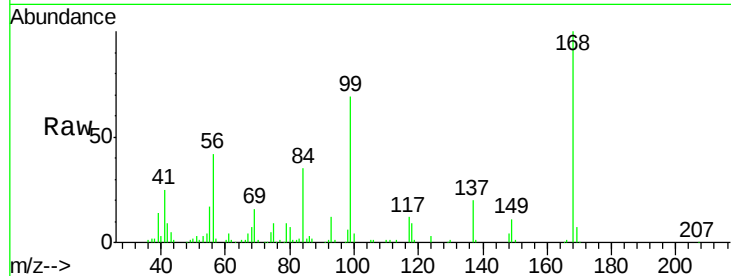
#31
Cvclohexane
Concen: 17.343 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.3	25.4	38.2
84	82.0	63.3	94.9

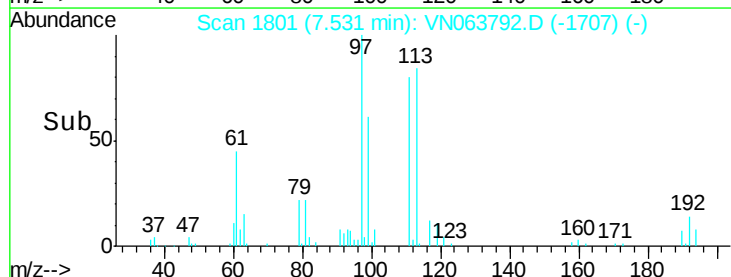
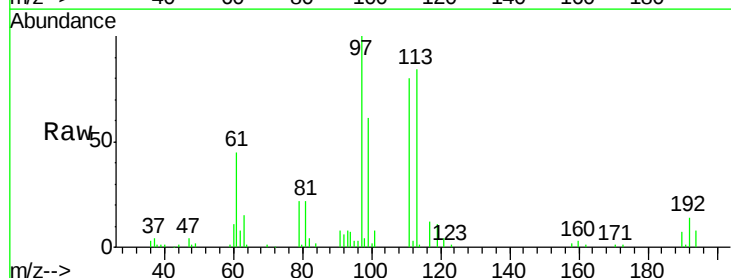
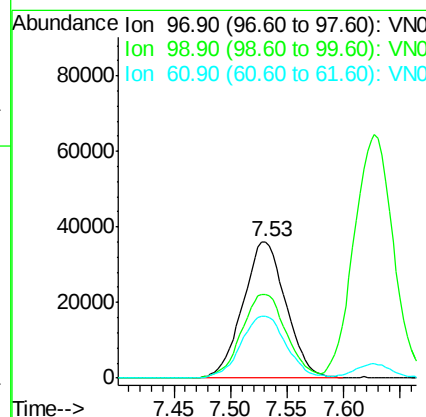
Manual Integrations
APPROVED

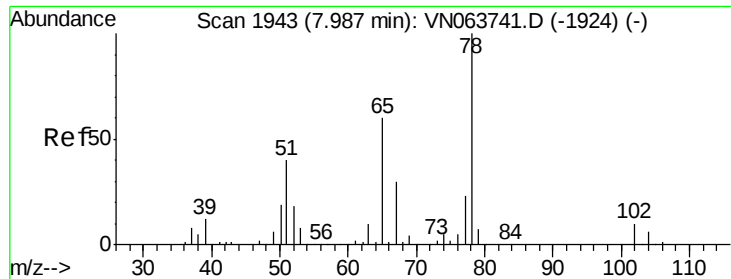
MMDadoda
10/2/2020 3:12:02 PM



#32
1,1,1-Trichloroethane
Concen: 19.553 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.6
61	47.7	38.7	58.1





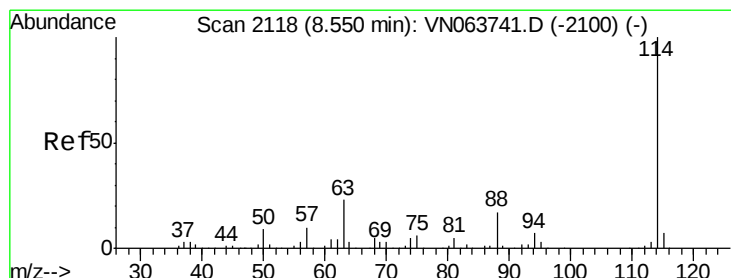
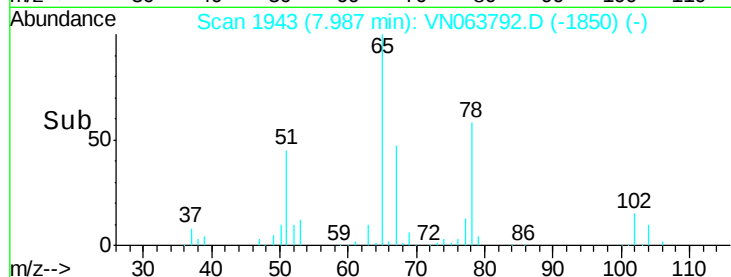
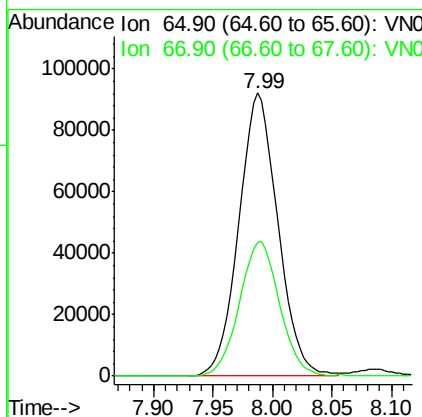
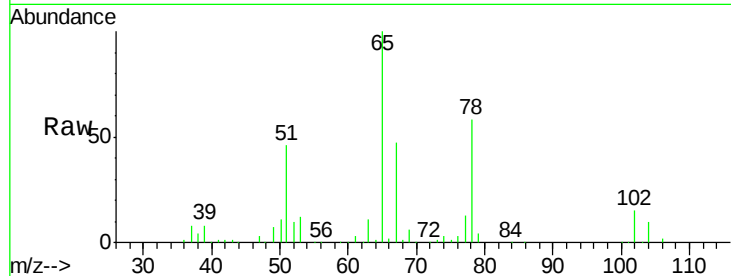
#33
 1,2-Dichloroethane-d4
 Concen: 53.718 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	209677		
67	48.6	0.0	99.6	

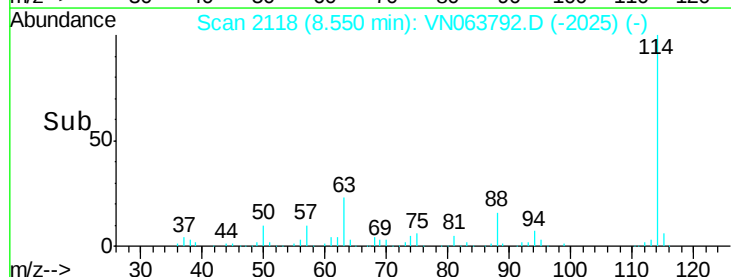
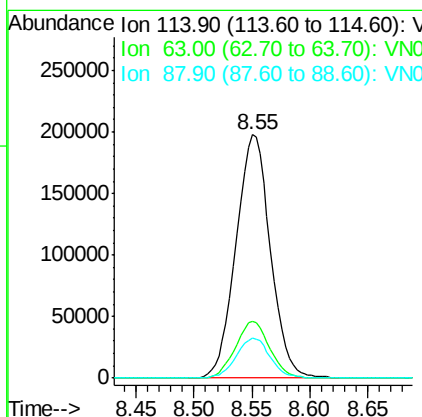
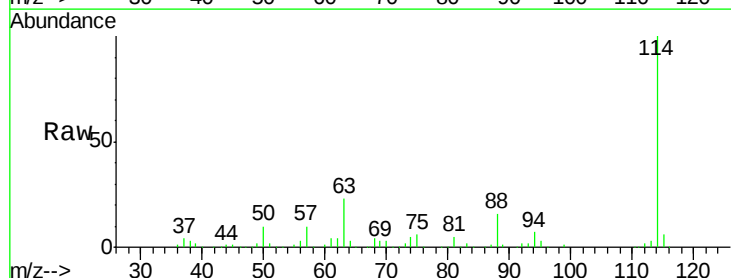
Manual Integrations
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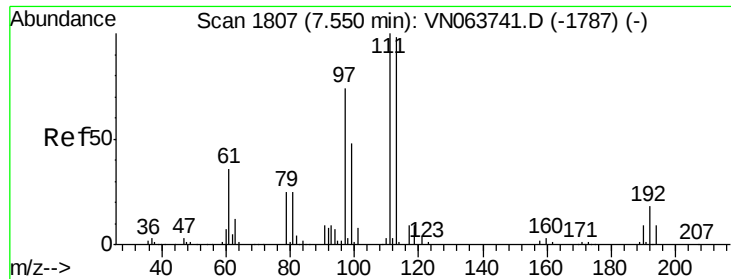
MMDadoda
 10/2/2020 3:12:02 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	406799		
63	23.4	0.0	45.0	
88	16.2	0.0	34.0	





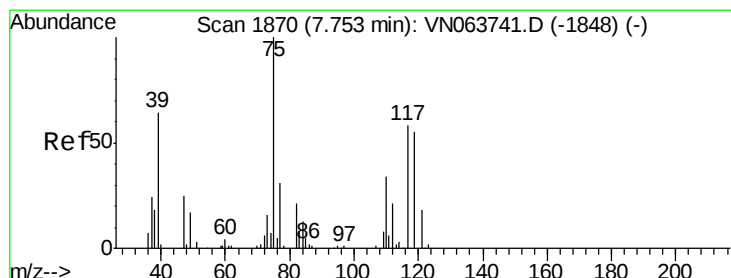
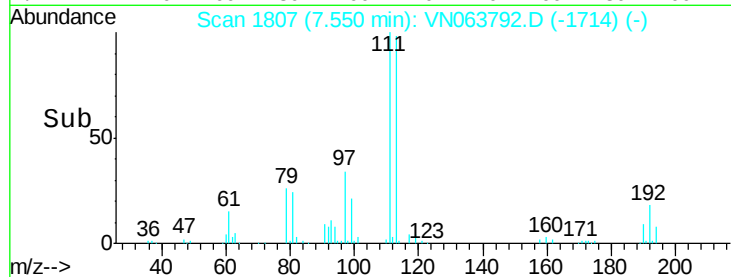
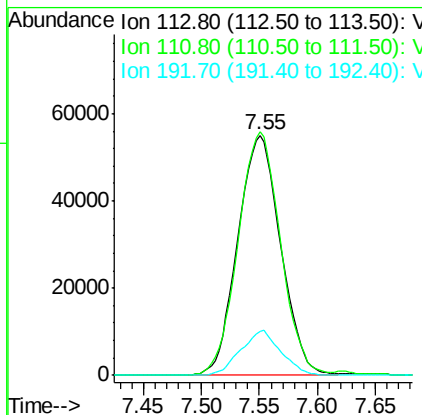
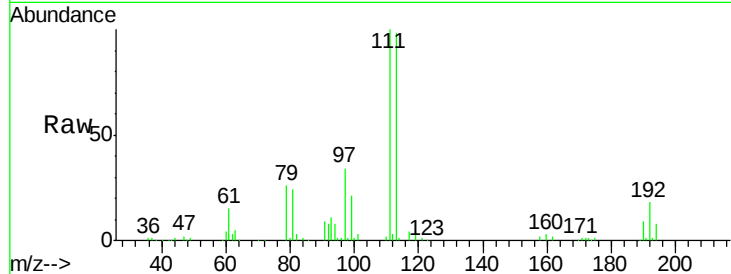
#35
Dibromofluoromethane
Concen: 50.182 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141648		
111	100.1	81.8	122.8	
192	17.5	14.2	21.2	

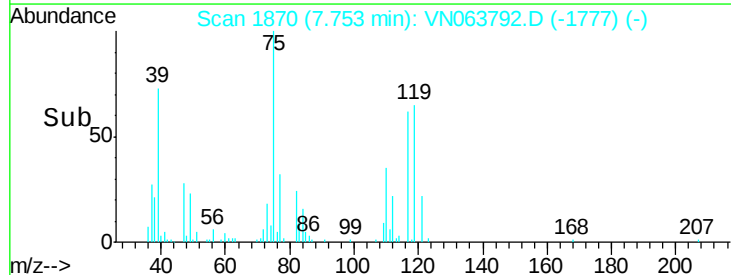
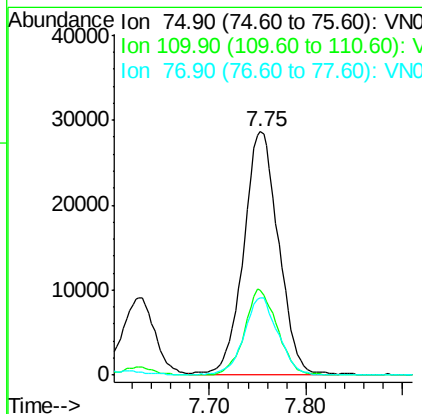
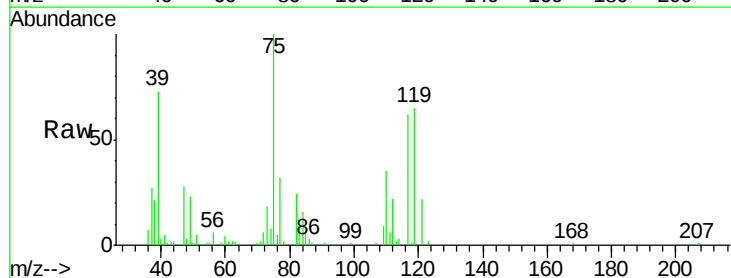
Manual Integrations
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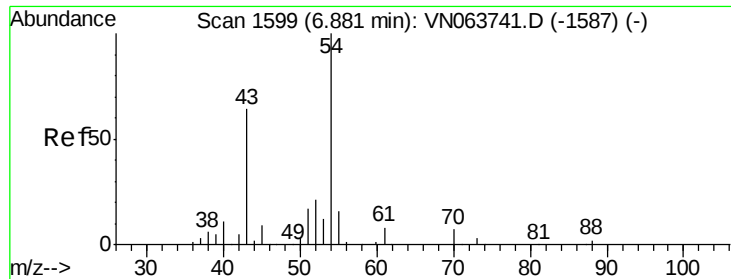
MMDadoda
10/2/2020 3:12:02 PM



#36
1,1-Dichloropropene
Concen: 17.505 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72143		
110	32.7	16.9	50.6	
77	30.8	24.5	36.7	





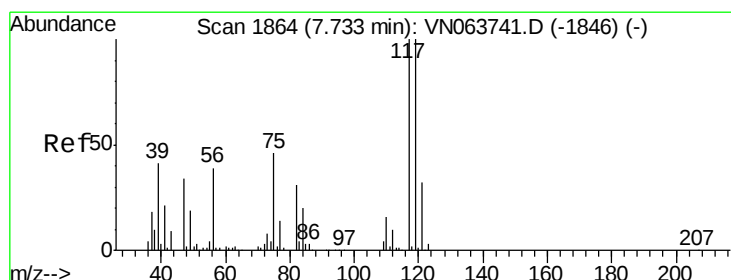
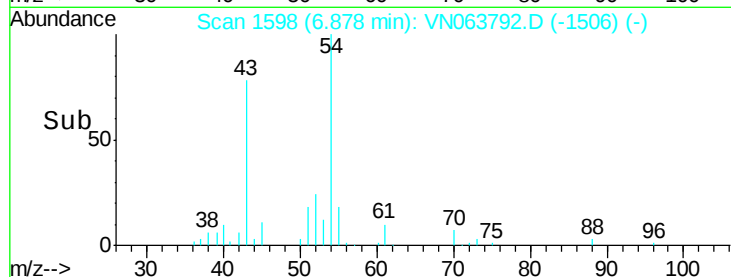
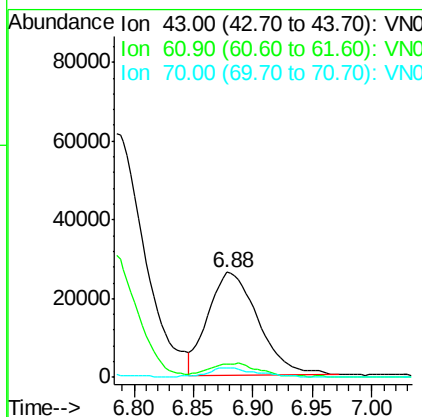
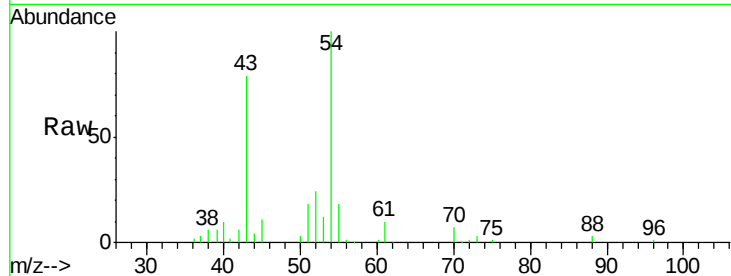
#37
Ethyl Acetate
Concen: 18.621 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampled :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.4	15.6
70	9.3	7.3	10.9

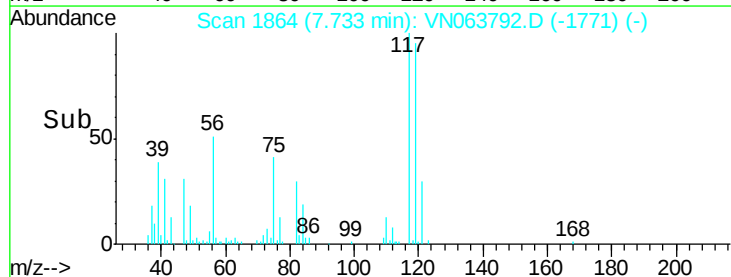
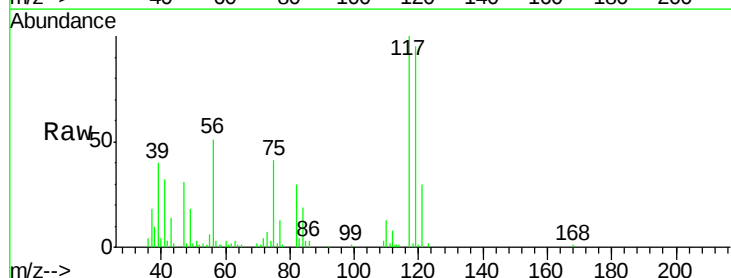
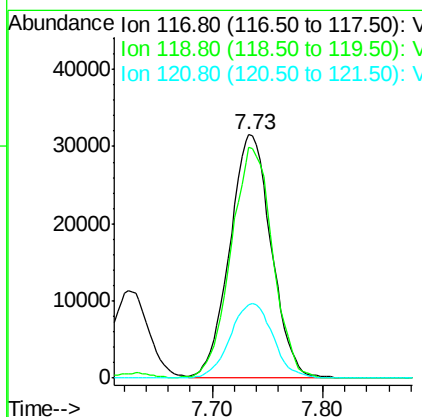
Manual Integrations
APPROVED

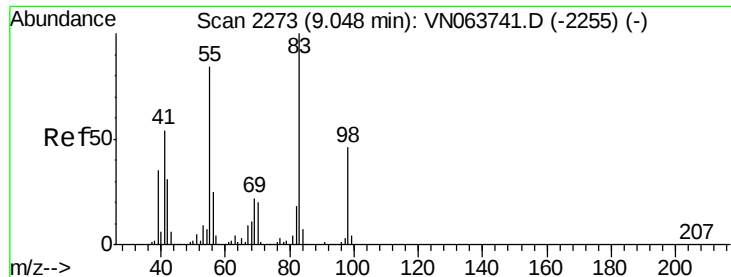
MMDadoda
10/2/2020 3:12:02 PM



#38
Carbon Tetrachloride
Concen: 17.816 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	80.1	120.1
121	29.9	25.7	38.5





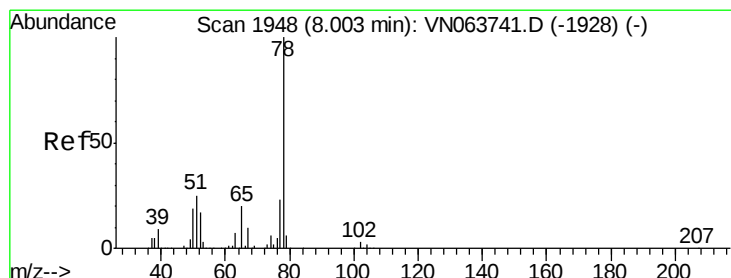
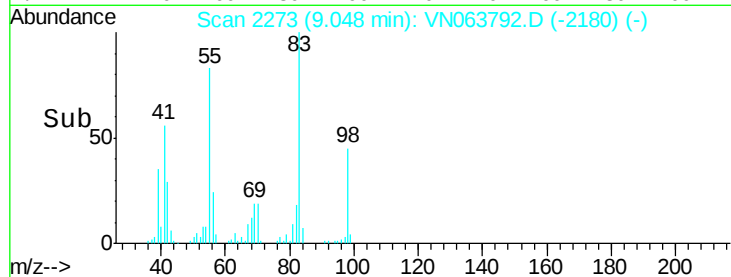
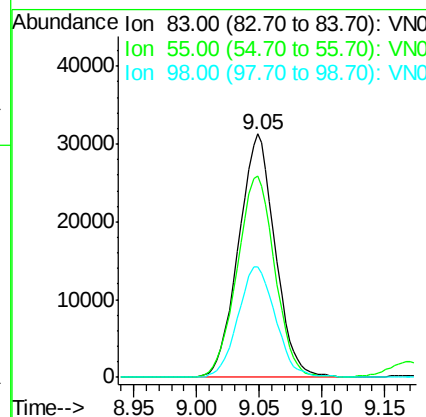
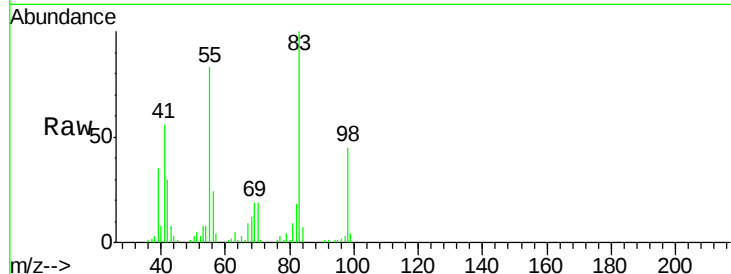
#39
Methvlcvclohexane
Concen: 15.416 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	67.1	100.7
98	45.5	36.6	54.8

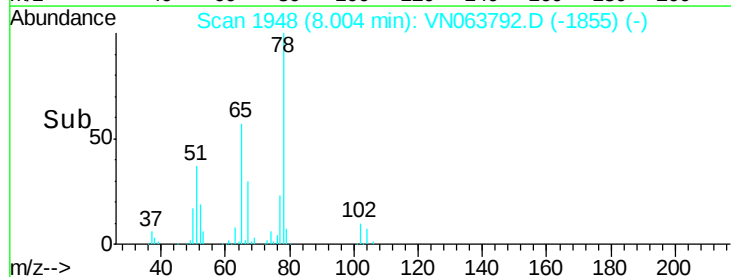
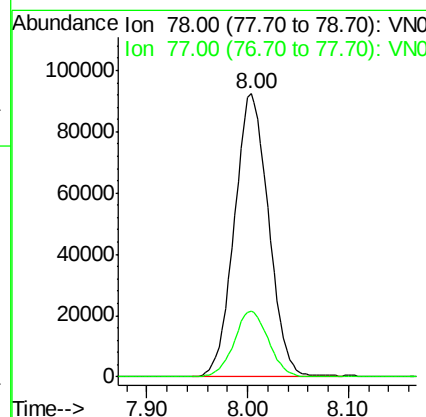
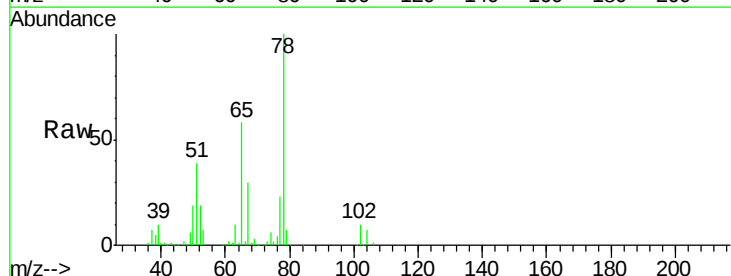
Manual Integrations
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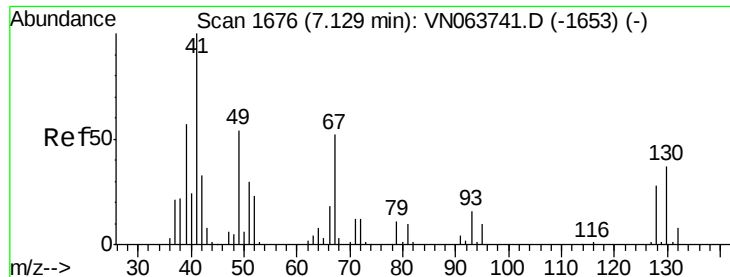
MMDadoda
10/2/2020 3:12:02 PM



#40
Benzene
Concen: 18.522 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





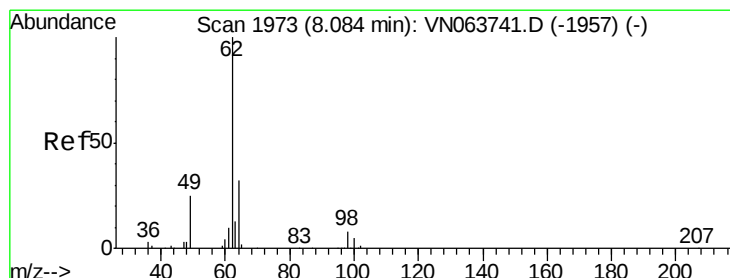
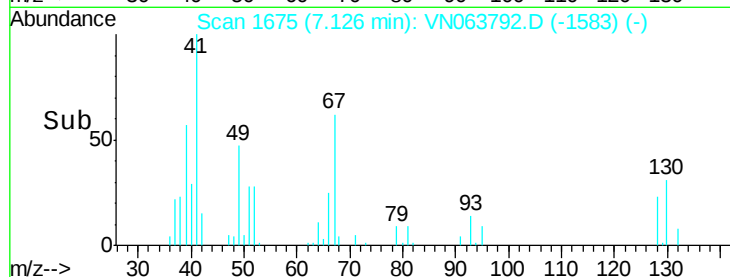
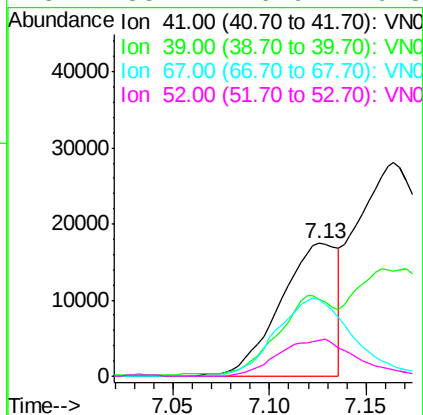
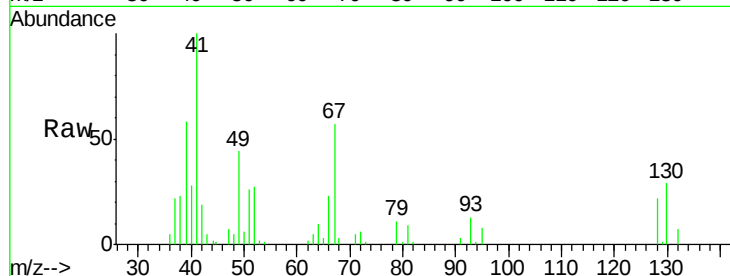
#41
Methacrylonitrile
Concen: 19.755 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	41	Resp	35950
Ion Ratio	Lower	Upper	
41	100		
39	57.5	42.5	63.7
67	78.4	57.4	86.2
52	38.4	26.9	40.3

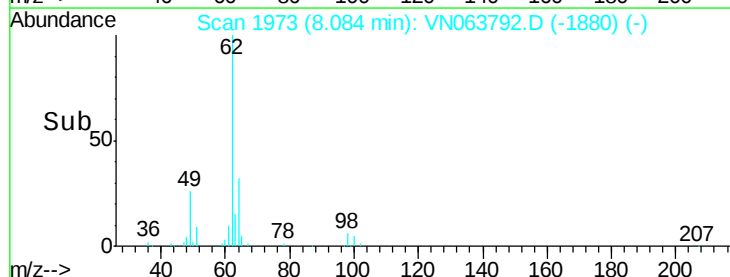
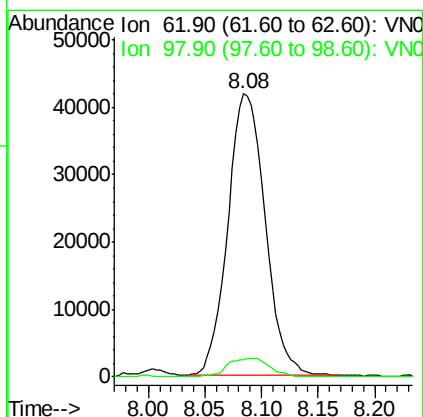
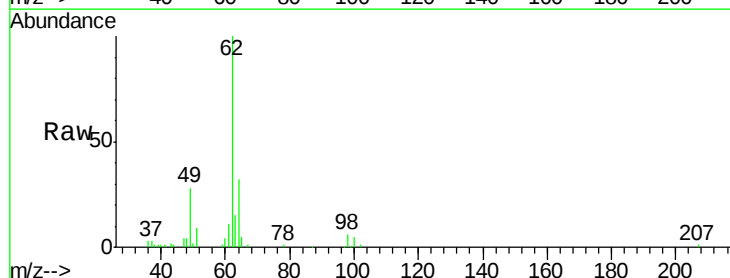
Manual Integrations
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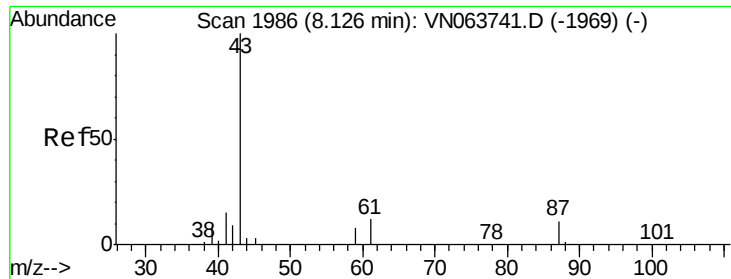
MMDadoda
10/2/2020 3:12:02 PM



#42
1,2-Dichloroethane
Concen: 19.056 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	62	Resp	95751
Ion Ratio	Lower	Upper	
62	100		
98	7.4	0.0	15.0





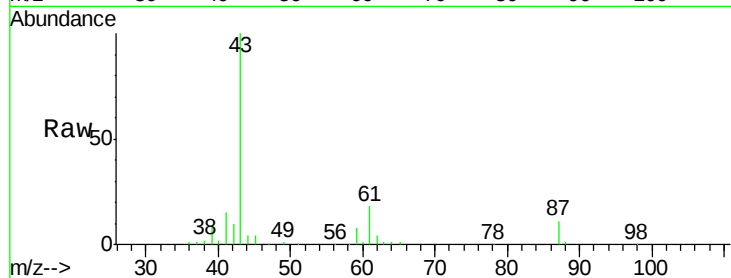
#43
Isopropyl Acetate
Concen: 19.598 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

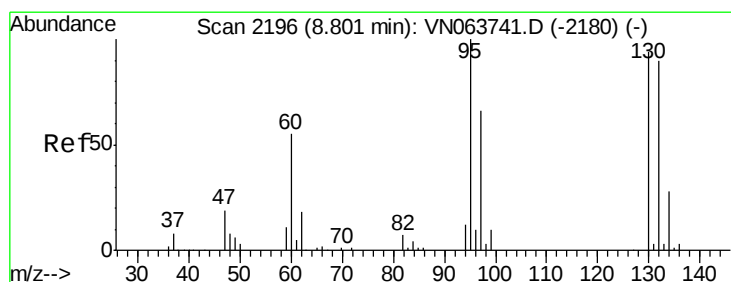
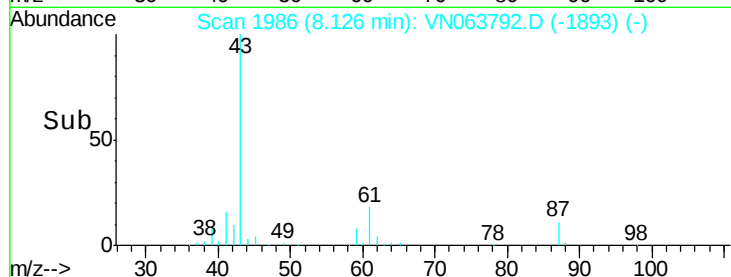
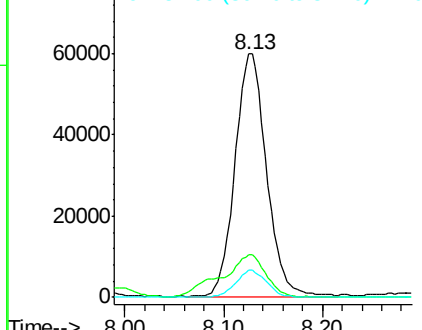
Tot Ion	Ratio	Lower	Upper
43	100		
61	25.1	14.2	21.4#
87	11.2	9.0	13.6

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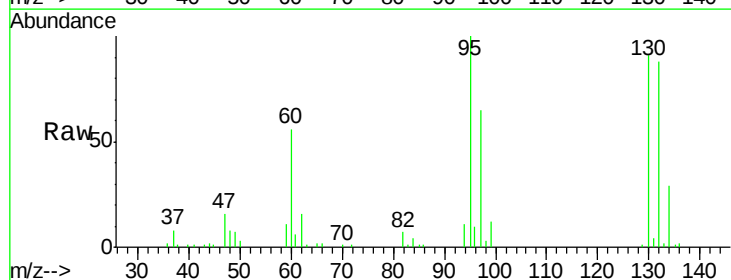


Abundance Ion 43.00 (42.70 to 43.70): VN063792.D (-2103) (-)

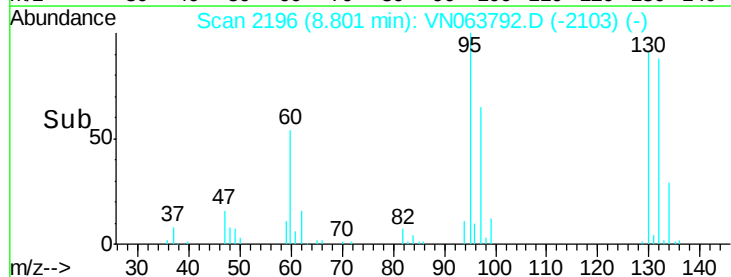
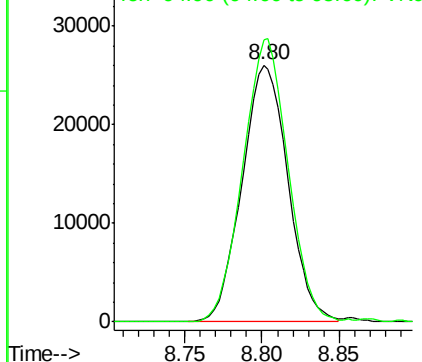


#44
Trichloroethene
Concen: 17.482 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	110.0	0.0	213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063792.D (-2103) (-)





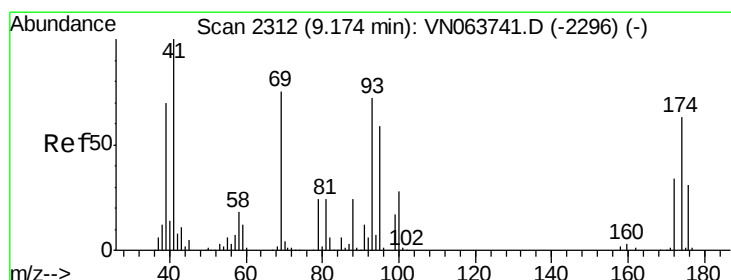
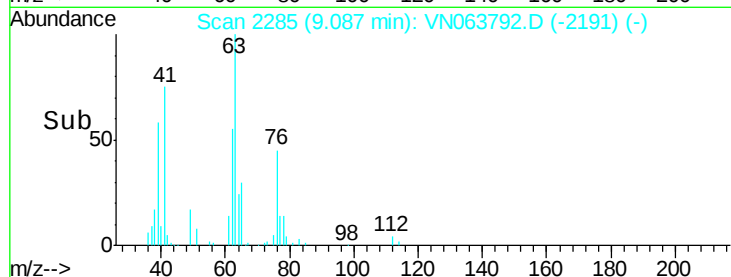
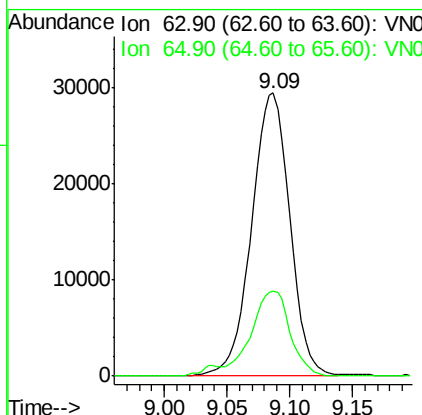
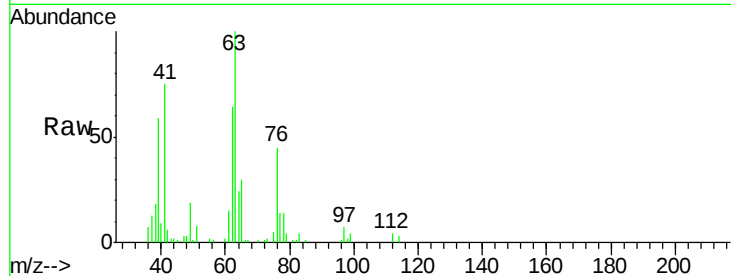
#45
 1,2-Dichloropropane
 Concen: 19.713 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Tot Ion: 63 Resp: 62668
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1

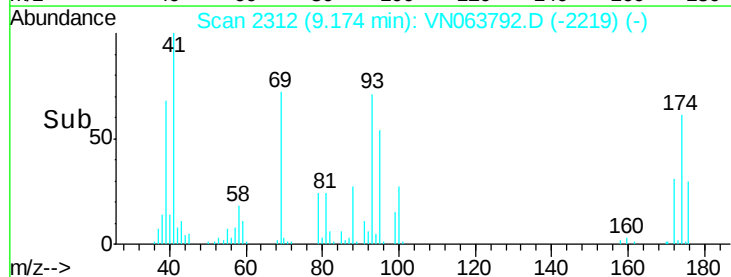
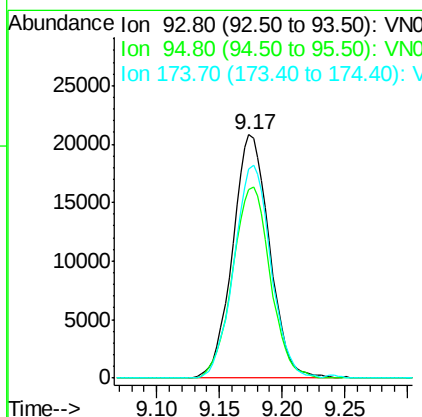
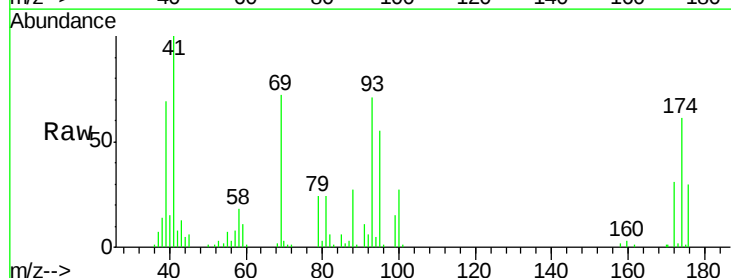
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#46
 Dibromomethane
 Concen: 19.368 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion: 93 Resp: 42475
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.3 99.5
 174 87.4 72.7 109.1





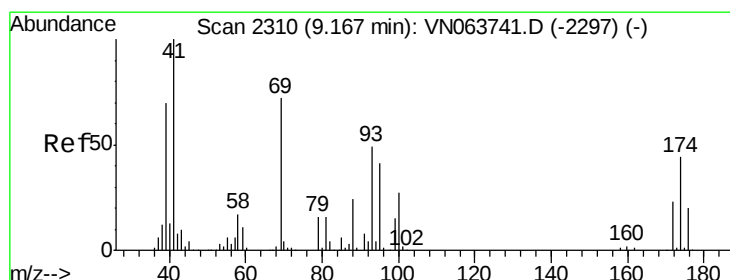
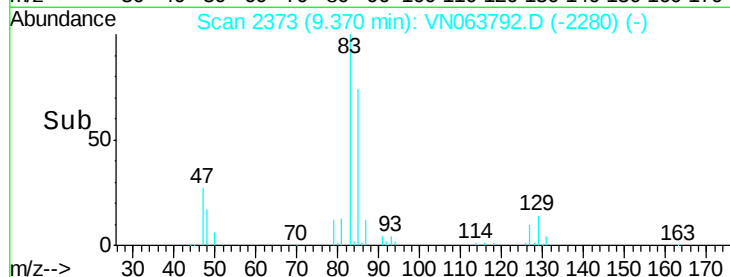
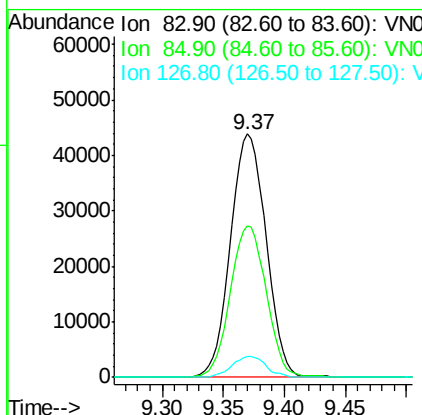
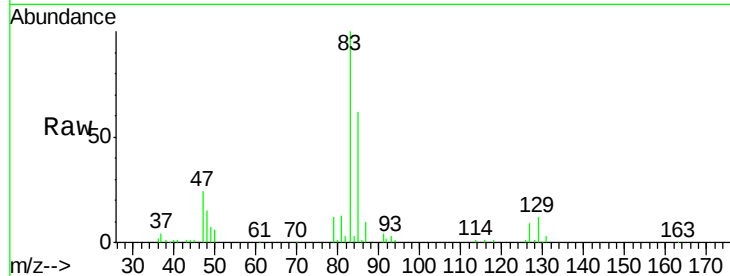
#47
Bromodichloromethane
Concen: 19.703 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	83	Resp	89056
Ion Ratio	100	Lower	Upper
83	100		
85	62.2	50.6	75.8
127	8.5	6.6	9.8

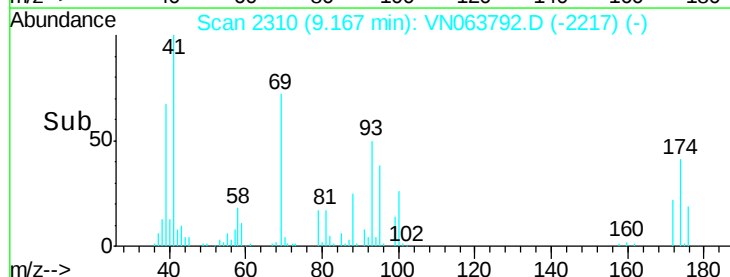
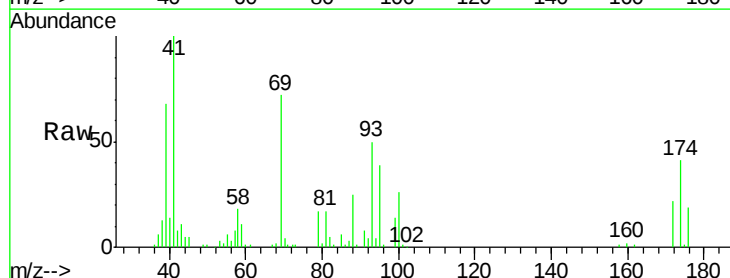
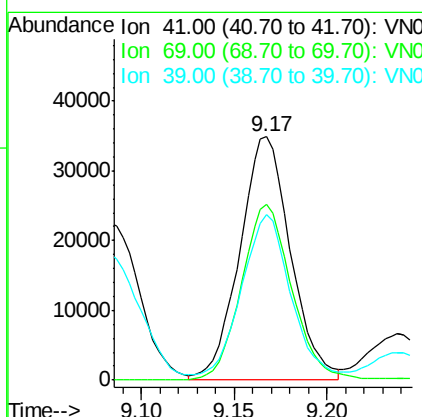
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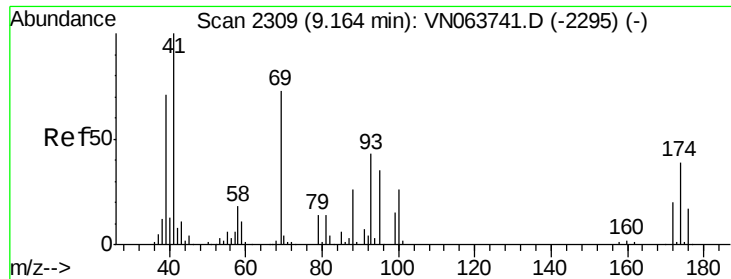
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#48
Methyl methacrylate
Concen: 19.971 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	41	Resp	66639
Ion Ratio	100	Lower	Upper
41	100		
69	71.8	60.9	91.3
39	67.4	57.5	86.3





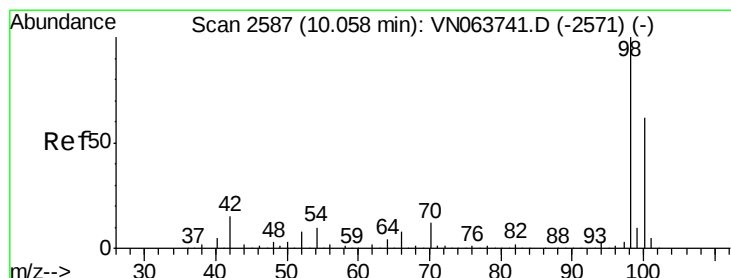
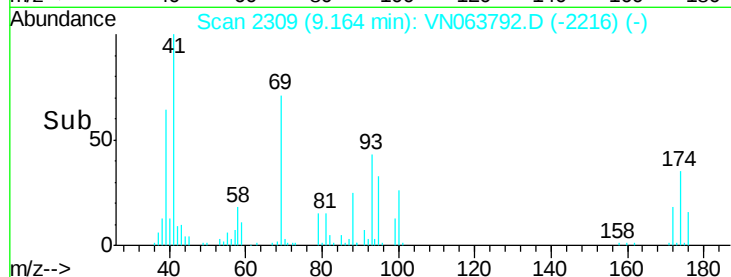
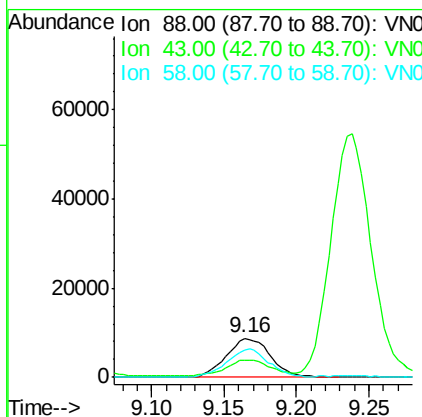
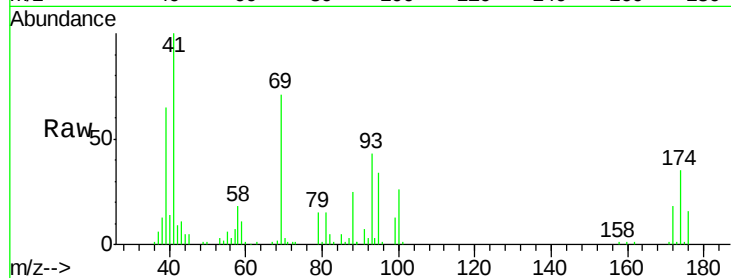
#49
1,4-Dioxane
Concen: 389.789 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.3	33.1	49.7
58	69.3	58.9	88.3

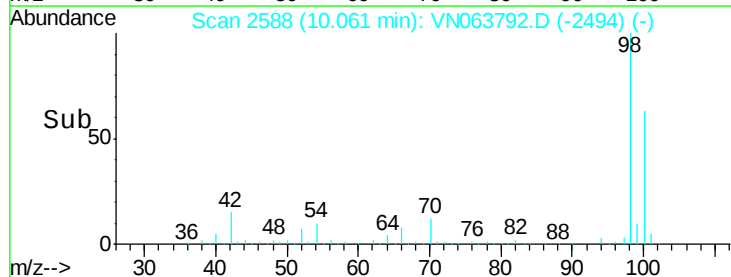
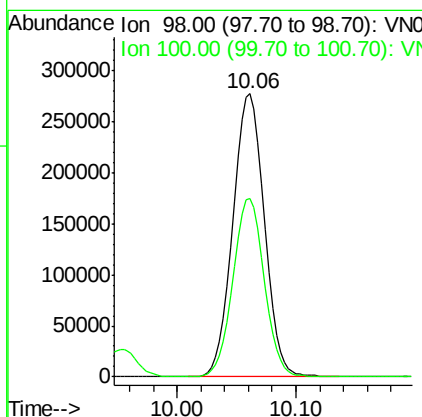
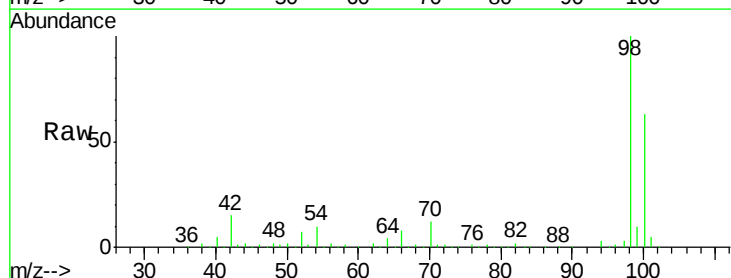
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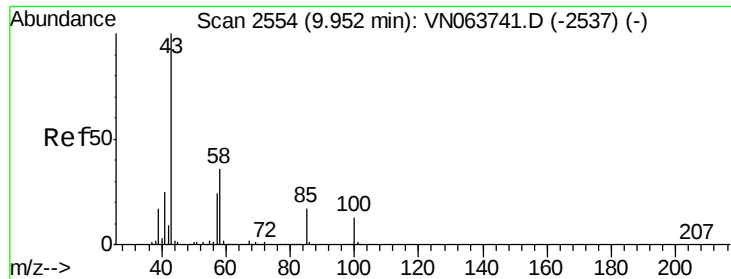
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#50
Toluene-d8
Concen: 47.610 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	49.8	74.6





#51

4-Methyl-2-Pentanone

Concen: 101.921 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

Tot Ion: 43 Resp: 403954

Ion Ratio Lower Upper

43 100

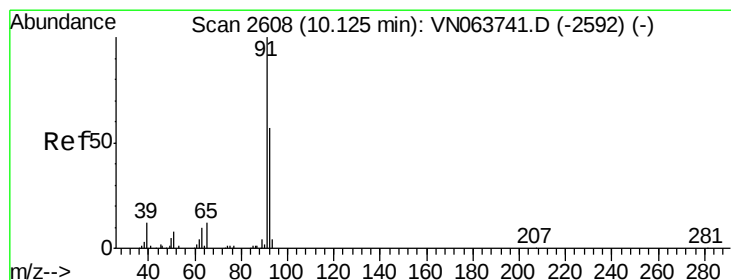
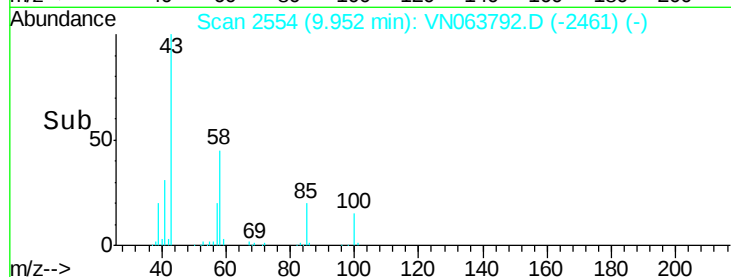
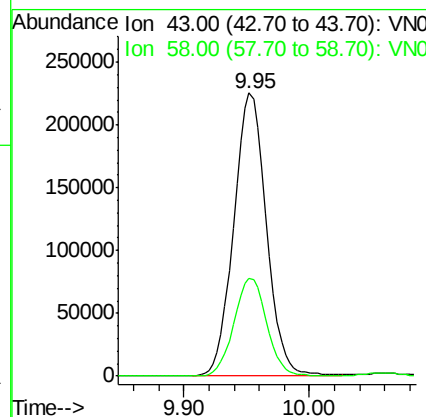
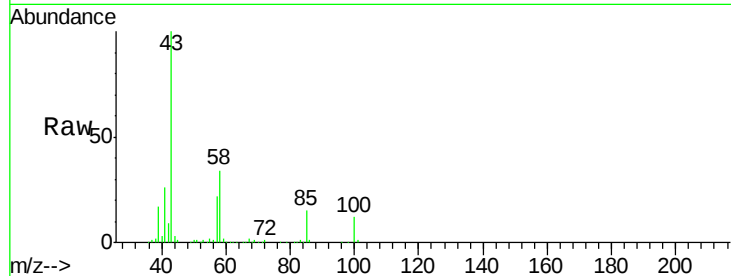
58 35.2 28.4 42.6

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#52

Toluene

Concen: 18.657 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063792.D

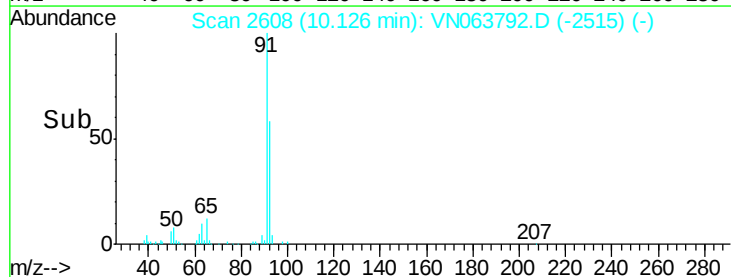
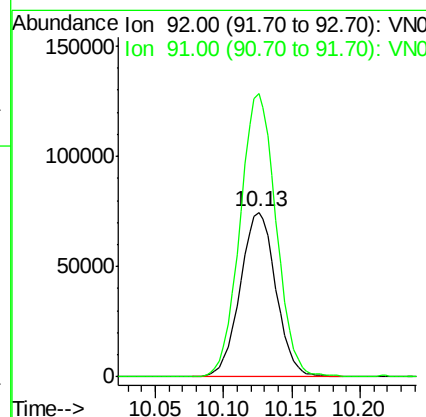
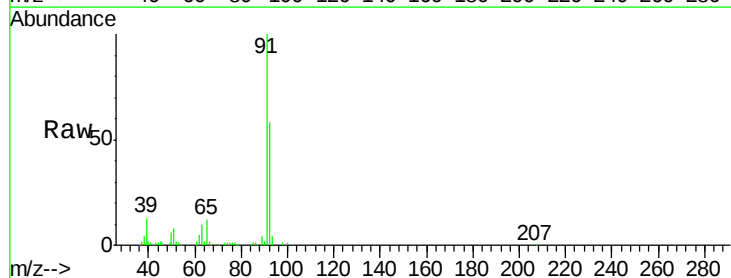
Acq: 2 Oct 2020 00:32

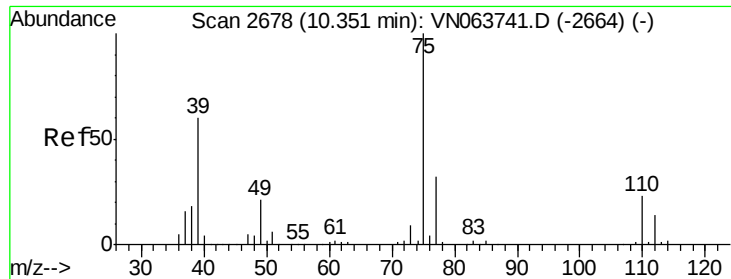
Tgt Ion: 92 Resp: 135839

Ion Ratio Lower Upper

92 100

91 173.8 140.6 210.8





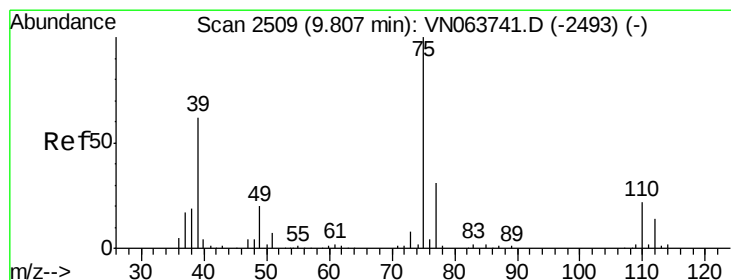
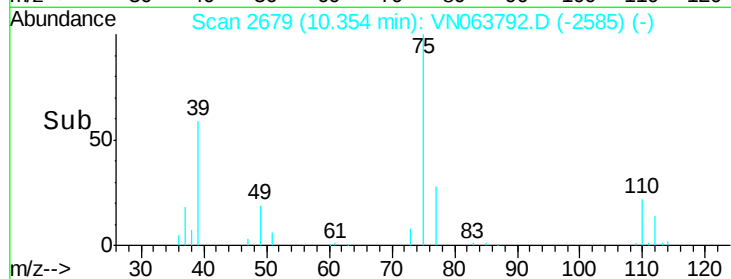
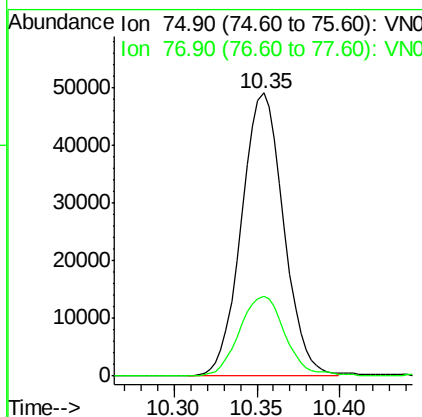
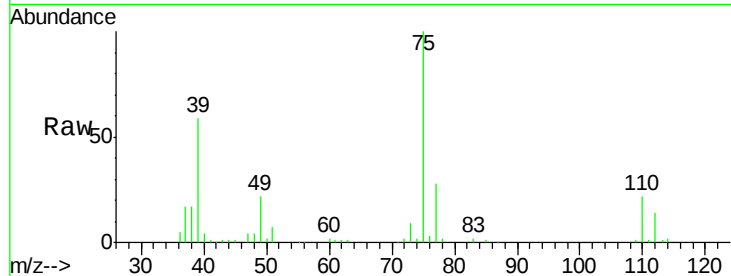
#53
t-1,3-Dichloropropene
Concen: 17.909 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion: 75 Resp: 86771
Ion Ratio Lower Upper
75 100
77 28.3 25.3 37.9

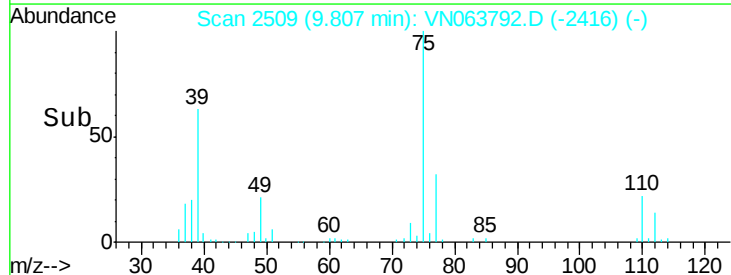
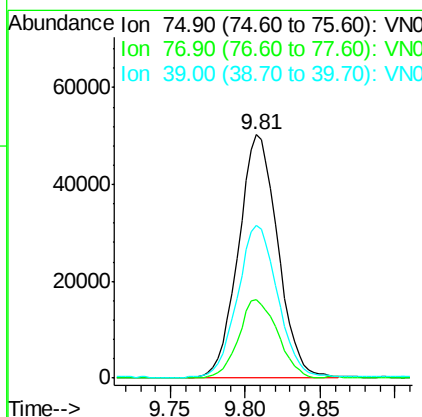
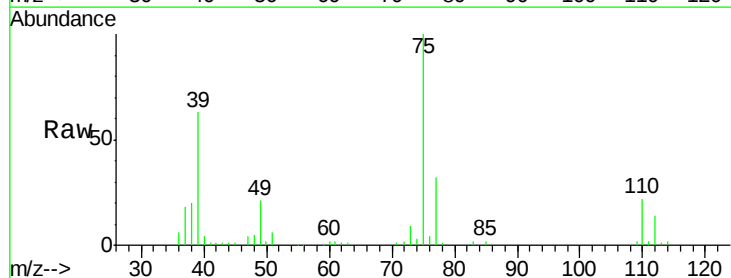
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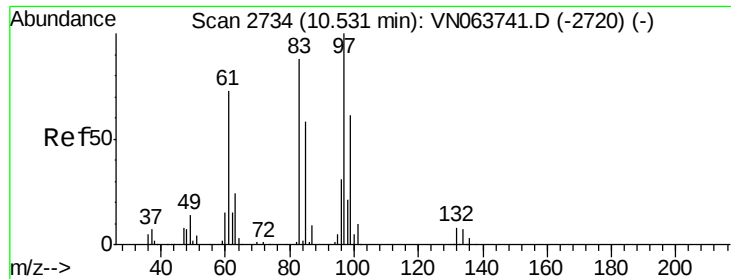
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10/2/2020 3:12:02 PM



#54
cis-1,3-Dichloropropene
Concen: 18.207 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 75 Resp: 92254
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8
39 62.4 49.7 74.5





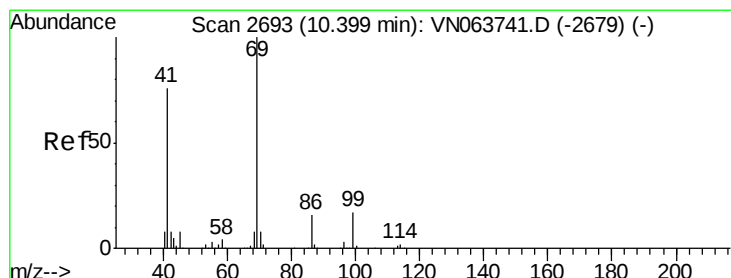
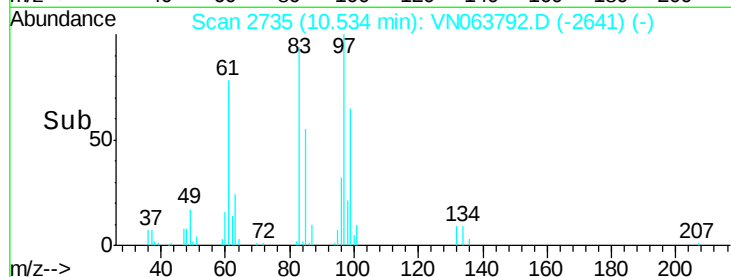
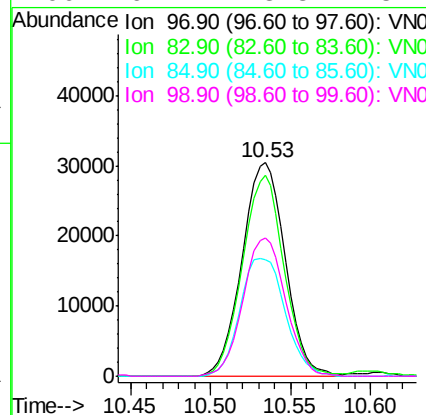
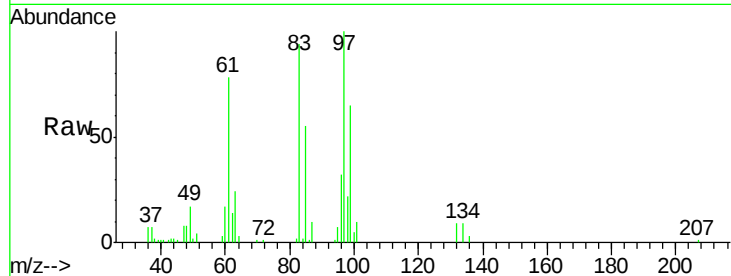
#55
 1,1,2-Trichloroethane
 Concen: 19.204 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Tot Ion:	97	Resp:	56075
Ion	Ratio	Lower	Upper
97	100		
83	94.1	70.7	106.1
85	54.8	46.1	69.1
99	64.7	48.8	73.2

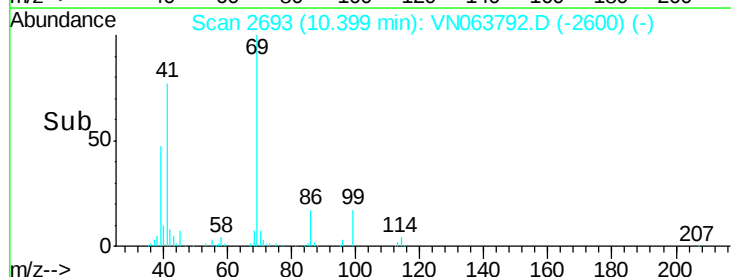
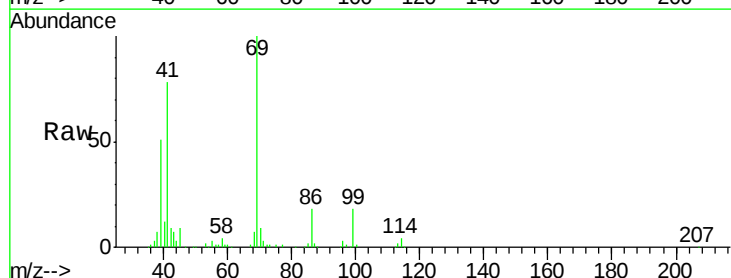
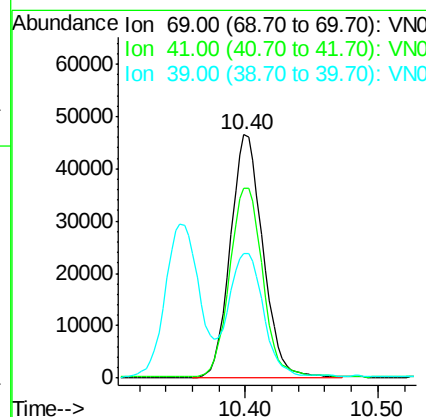
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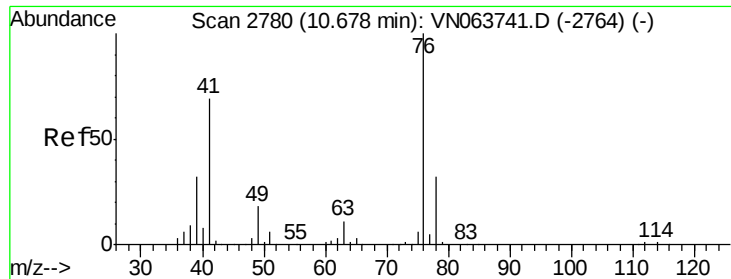
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#56
 Ethyl methacrylate
 Concen: 19.239 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion:	69	Resp:	79629
Ion	Ratio	Lower	Upper
69	100		
41	77.9	61.1	91.7
39	52.9	42.2	63.4





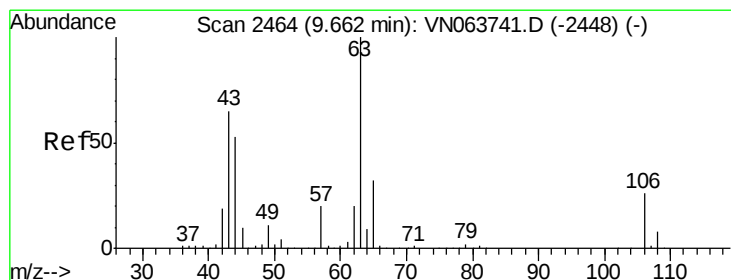
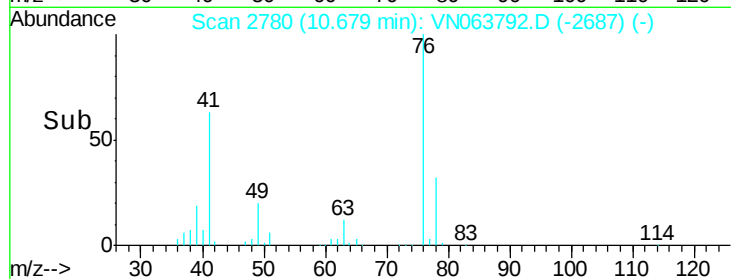
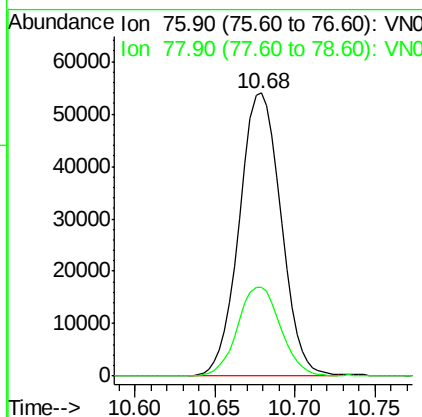
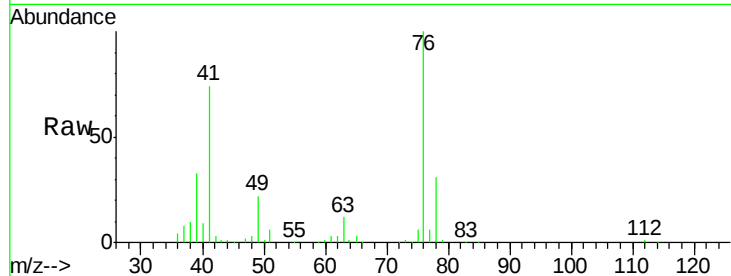
#57
 1,3-Dichloropropane
 Concen: 19.484 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Tot Ion: 76 Resp: 96250
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8

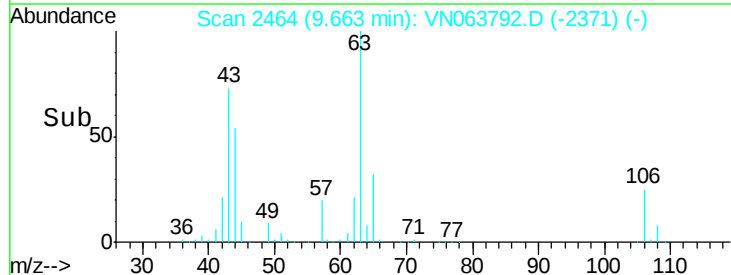
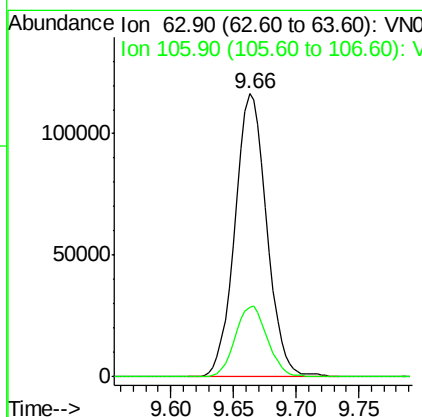
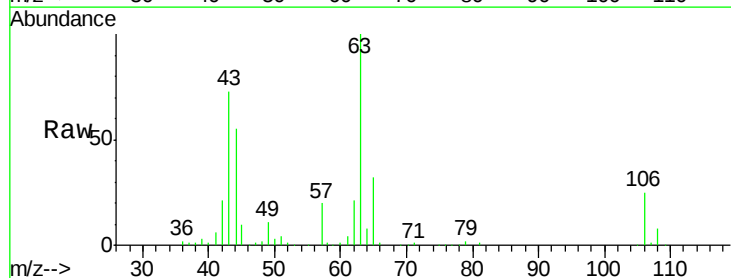
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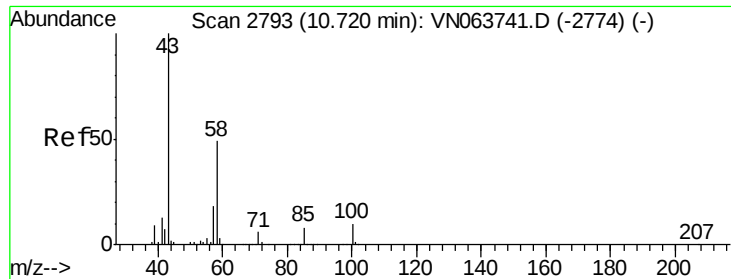
MMDadoda
 10/2/2020 3:12:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.936 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion: 63 Resp: 205755
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.7 31.1





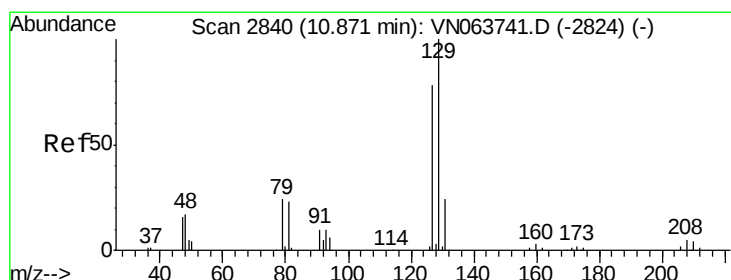
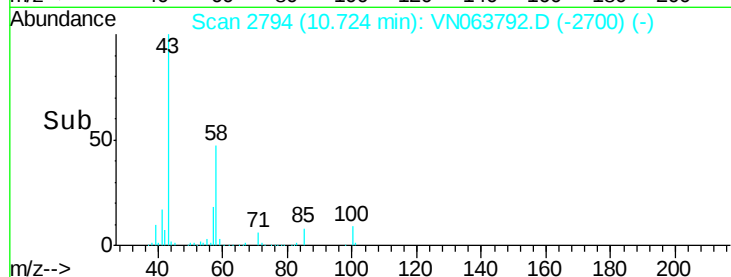
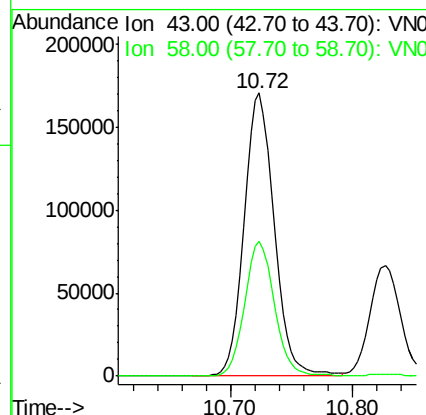
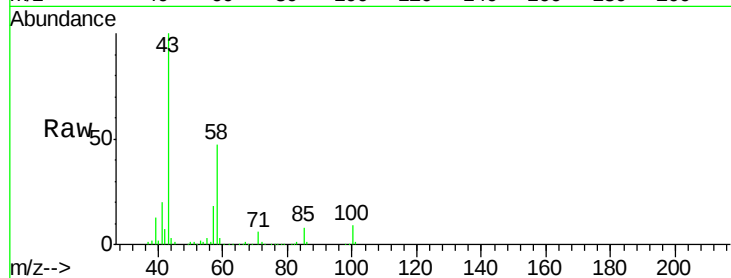
#59
2-Hexanone
Concen: 97.491 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion: 43 Resp: 287039
Ion Ratio Lower Upper
43 100
58 47.4 24.6 73.8

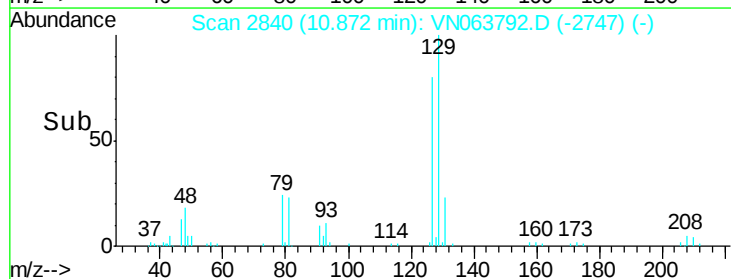
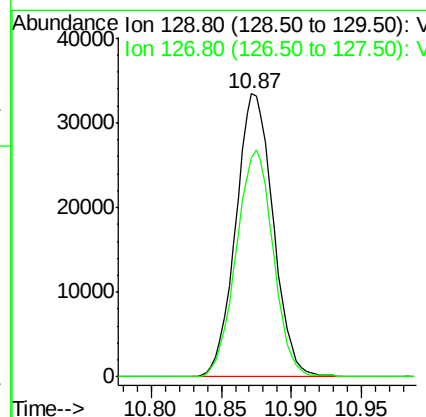
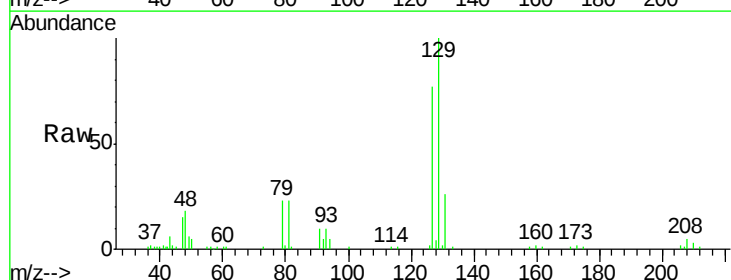
Manual Integrations
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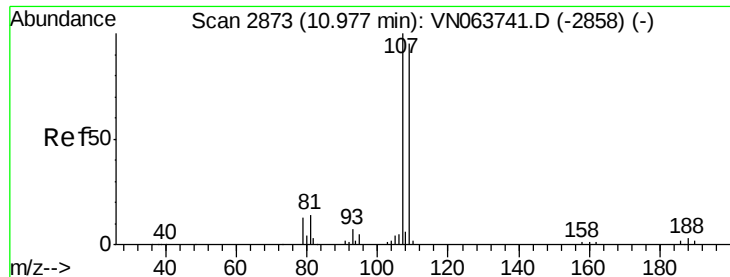
MMDadoda
10/2/2020 3:12:02 PM



#60
Dibromochloromethane
Concen: 18.255 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 129 Resp: 62076
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





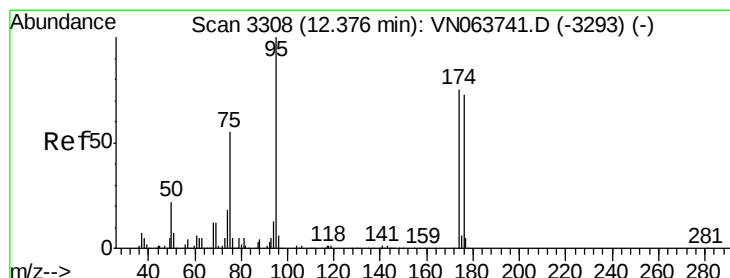
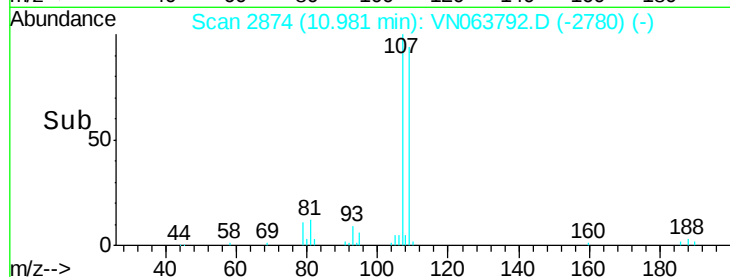
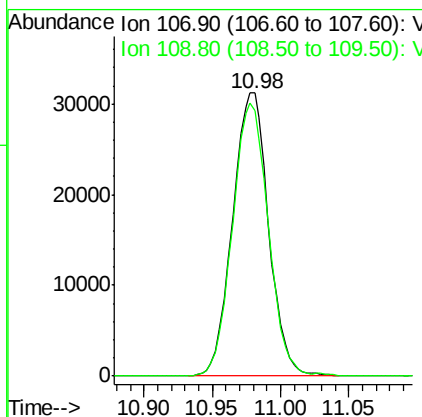
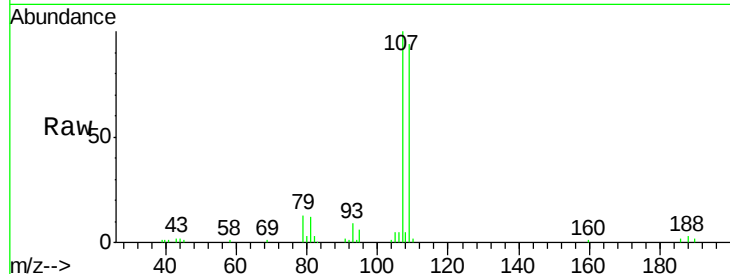
#61
 1,2-Dibromoethane
 Concen: 19.133 ug/l
 RT: 10.98 min Scan# 2874
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.2	74.8	112.2

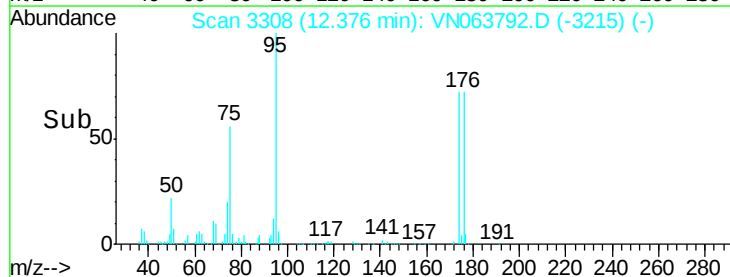
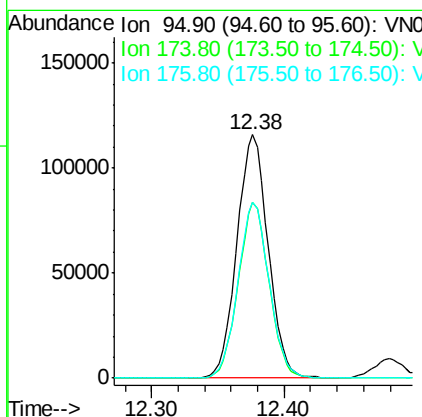
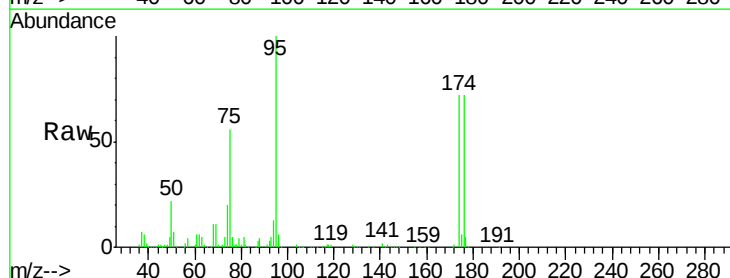
Manual Integrations
 APPROVED

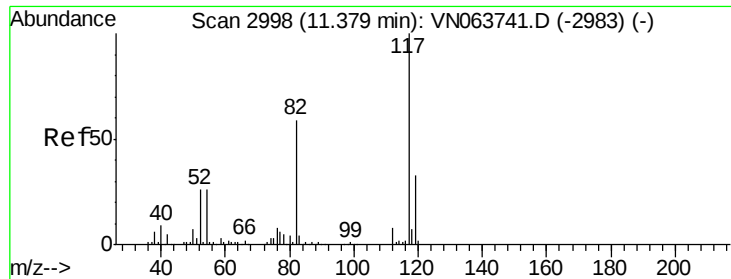
MMDadoda
 10/2/2020 3:12:02 PM



#62
 4-Bromofluorobenzene
 Concen: 47.152 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	150.6
176	72.2	0.0	145.4





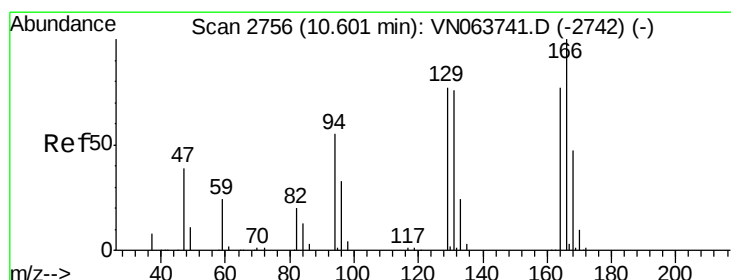
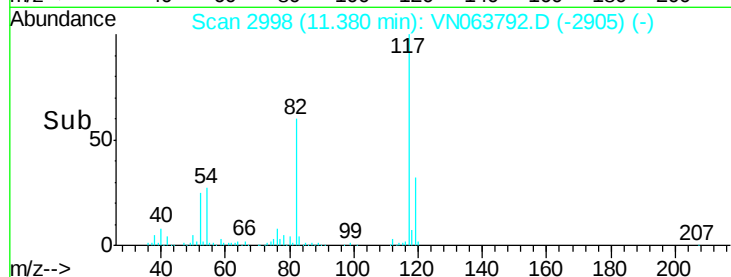
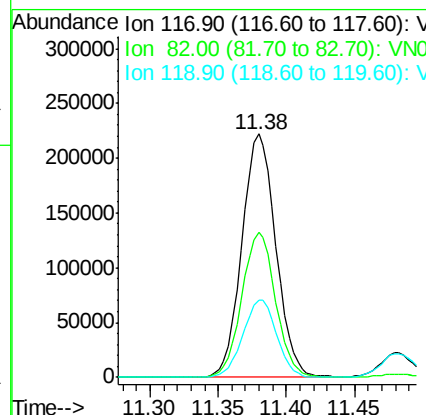
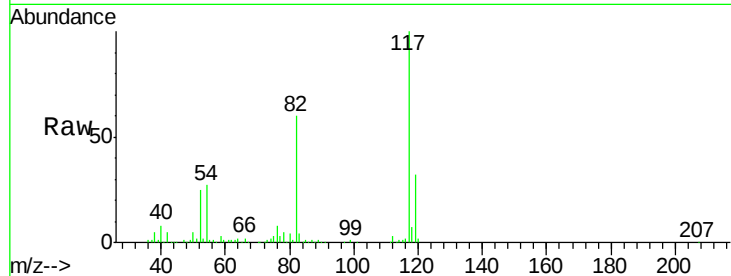
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.4	71.2
119	31.9	26.4	39.6

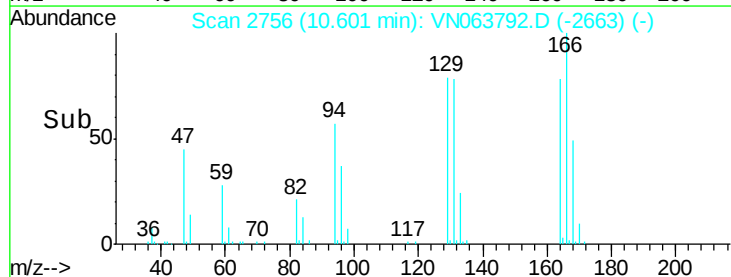
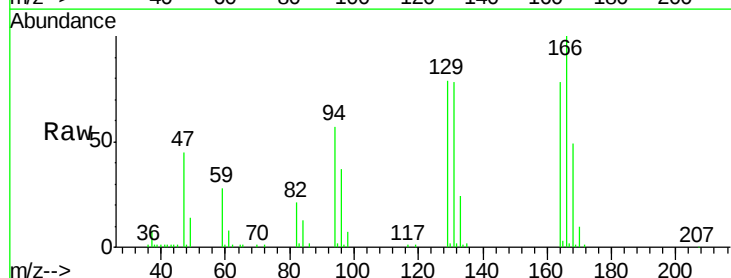
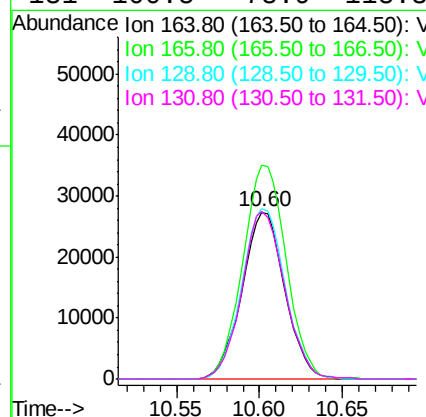
Manual Integrations
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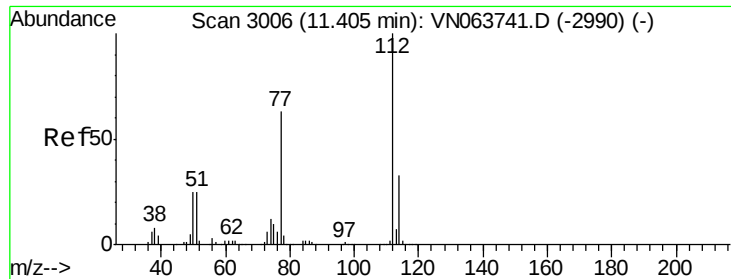
MMDadoda
10/2/2020 3:12:02 PM



#64
Tetrachloroethene
Concen: 16.420 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.9	155.9
129	101.8	80.3	120.5
131	100.5	78.9	118.3





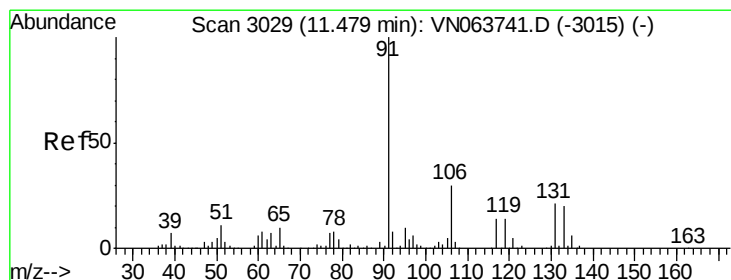
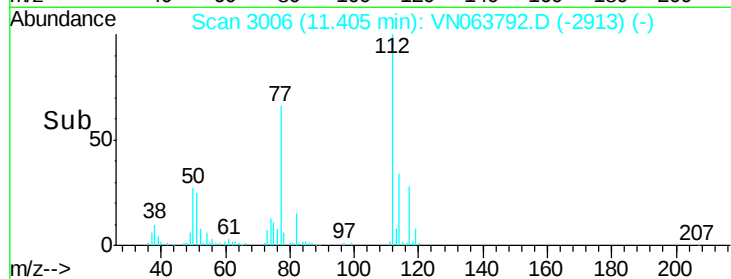
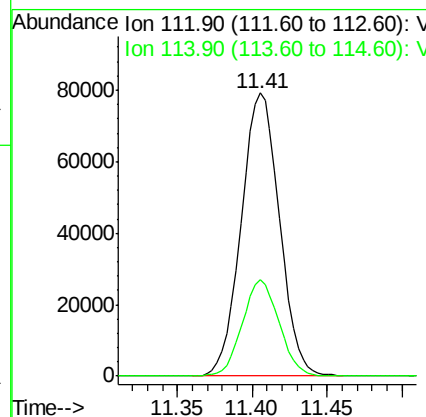
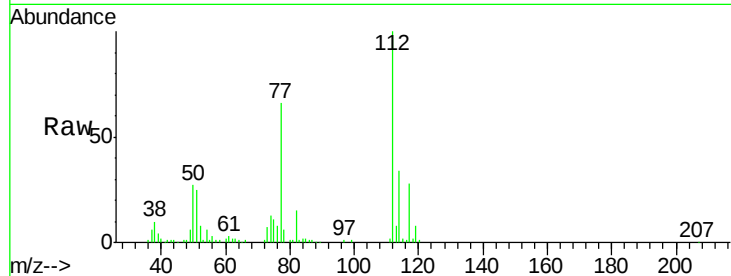
#65
Chlorobenzene
Concen: 17.879 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion:112 Resp: 140995
Ion Ratio Lower Upper
112 100
114 33.9 26.1 39.1

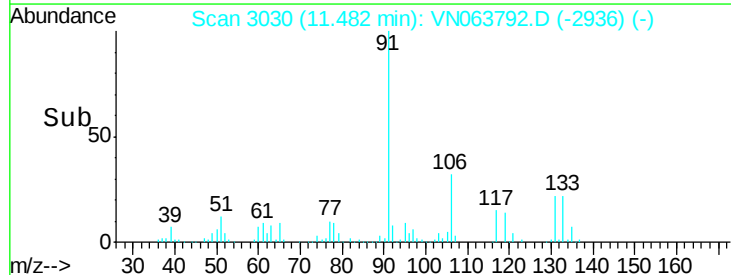
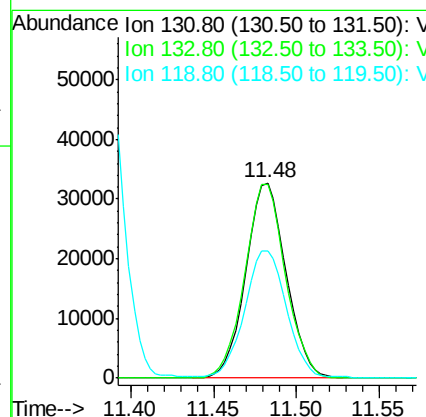
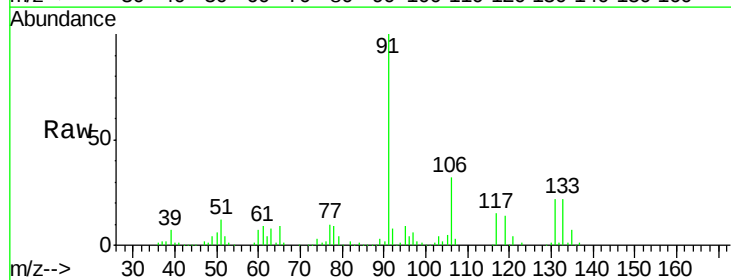
Manual Integrations
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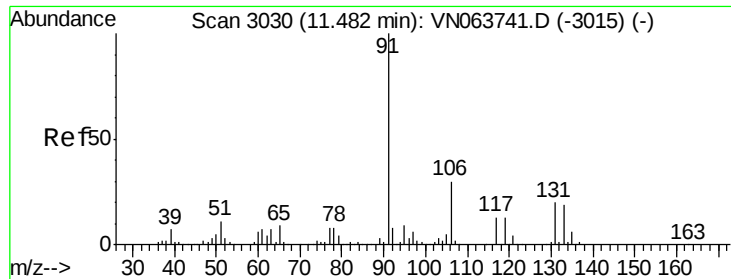
MMDadoda
10/2/2020 3:12:02 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.277 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion:131 Resp: 55258
Ion Ratio Lower Upper
131 100
133 100.5 47.3 141.8
119 68.6 32.6 97.7





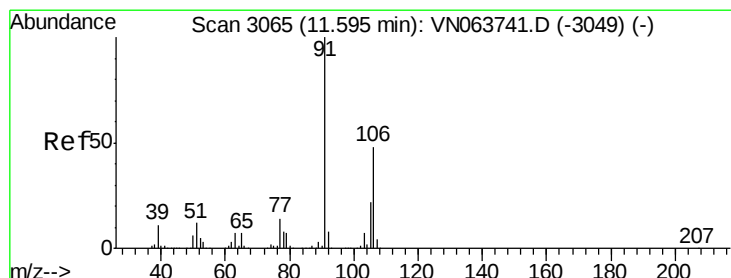
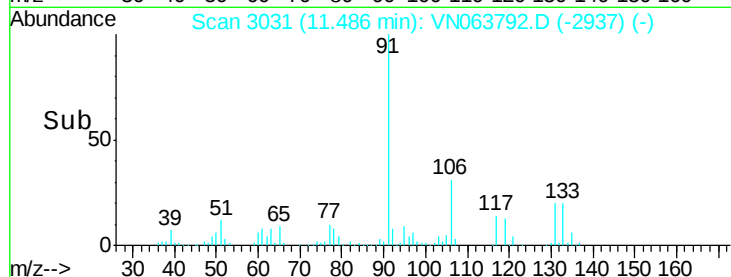
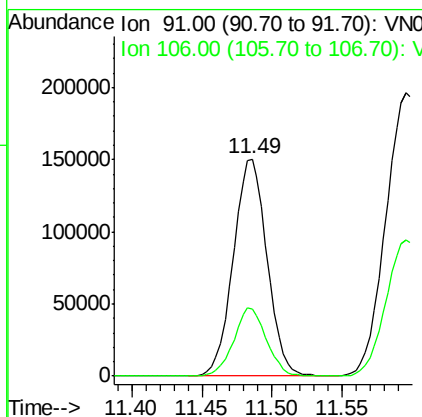
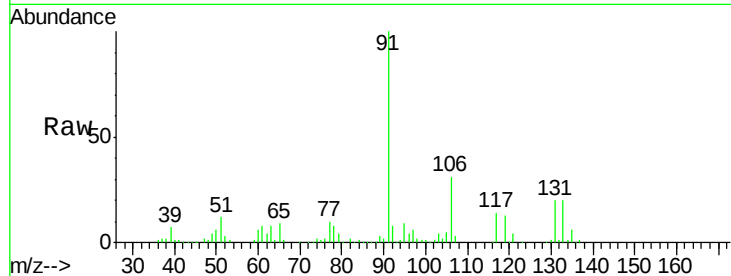
#67
Ethyl Benzene
Concen: 17.583 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampled :
VN1001WBS02

Tot Ion: 91 Resp: 252315
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.2

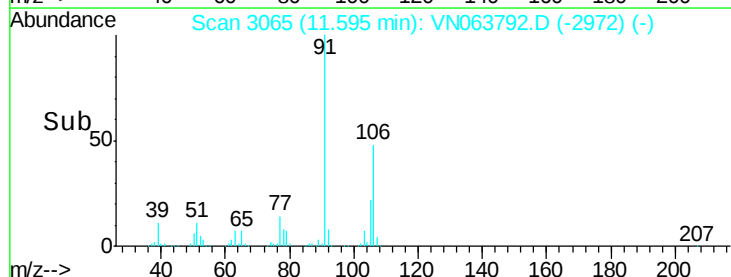
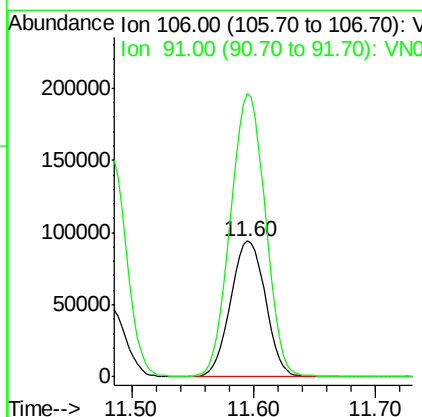
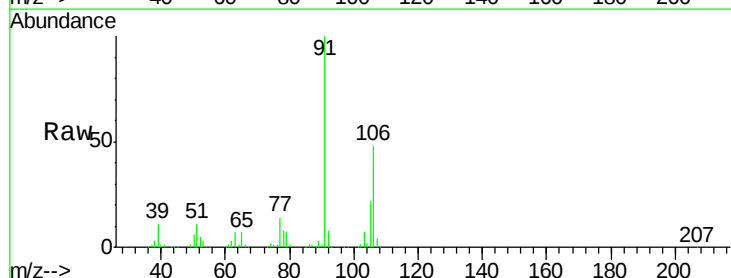
Manual Integrations
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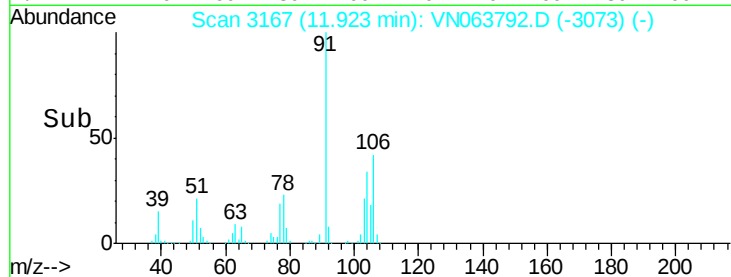
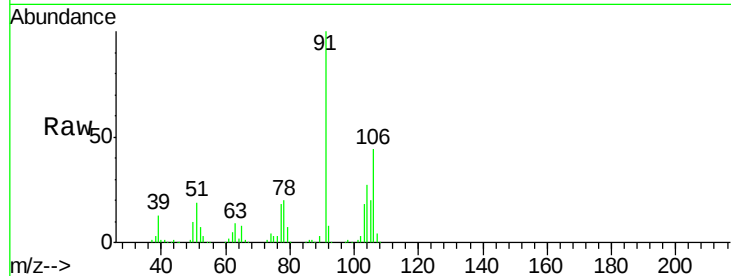
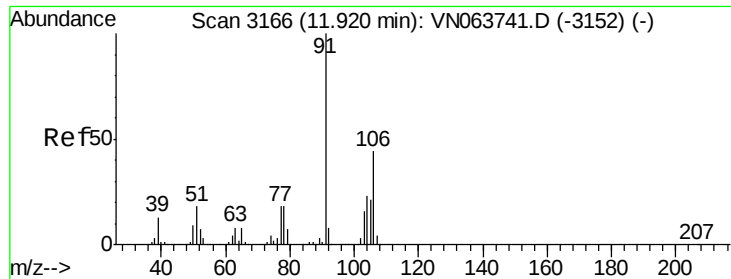
MMDadoda
10/2/2020 3:12:02 PM



#68
m/p-Xylenes
Concen: 35.053 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 106 Resp: 187473
Ion Ratio Lower Upper
106 100
91 208.0 168.0 252.0





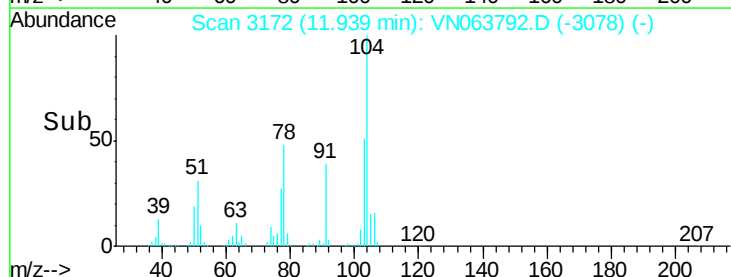
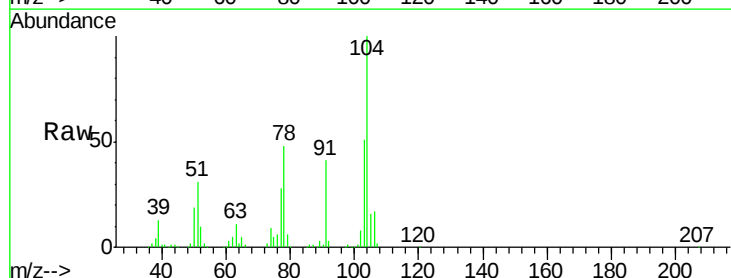
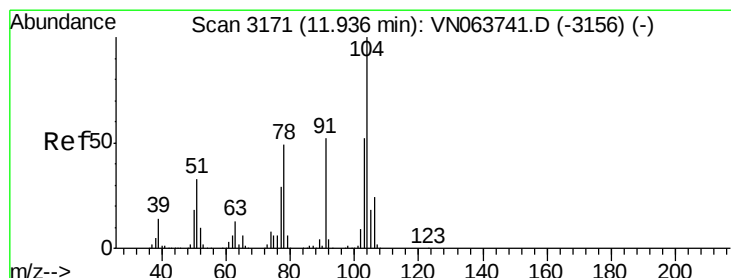
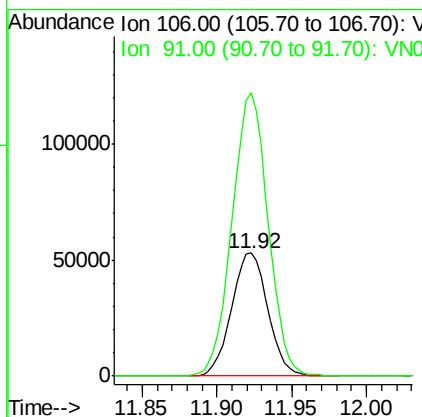
#69
o-Xylene
Concen: 17.923 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tot Ion:106 Resp: 89595
Ion Ratio Lower Upper
106 100
91 228.6 112.7 338.0

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

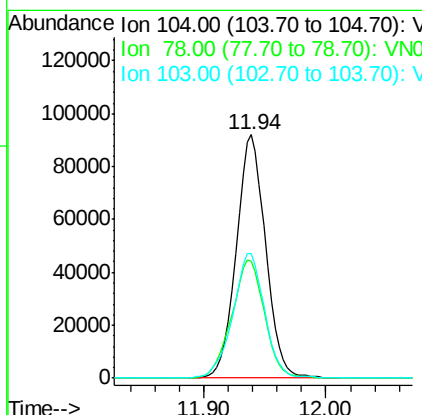
Manual Integrations
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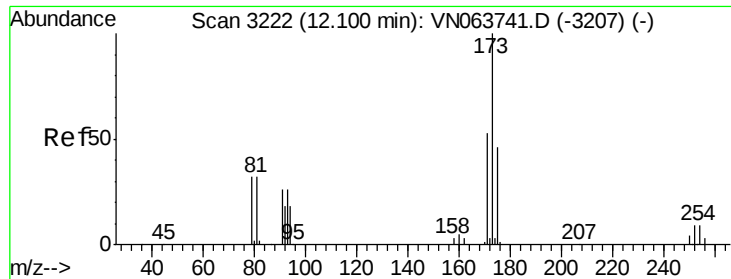
MMDadoda
10/2/2020 3:12:02 PM



#70
Styrene
Concen: 18.031 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion:104 Resp: 152999
Ion Ratio Lower Upper
104 100
78 54.4 44.1 66.1
103 55.5 44.3 66.5





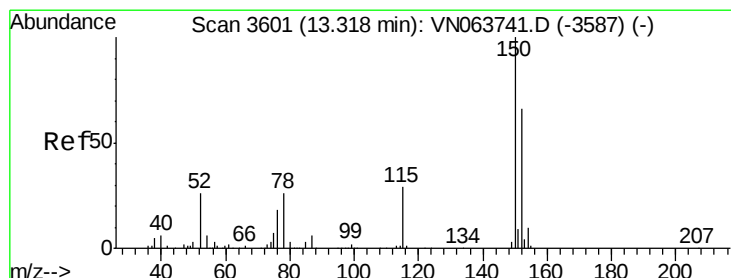
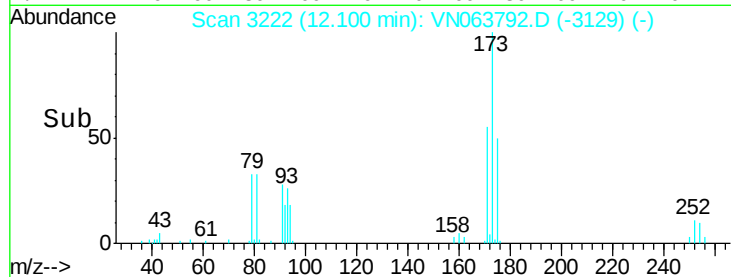
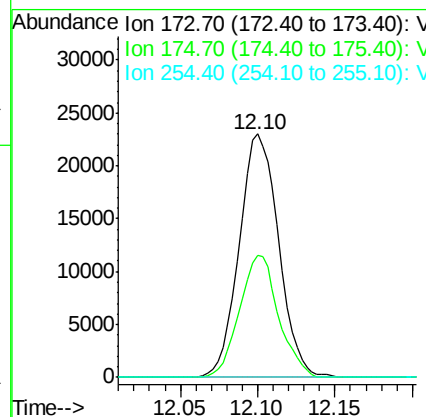
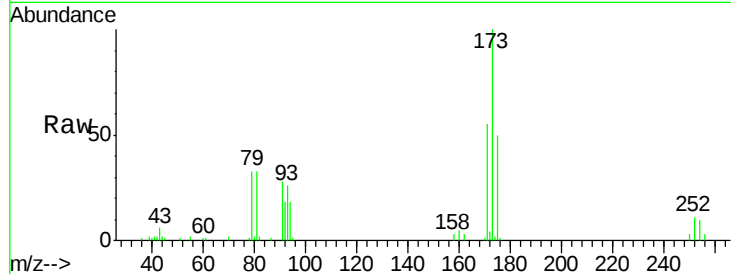
#71
Bromoform
Concen: 17.644 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.5	70.5
254	0.0	0.0	0.0

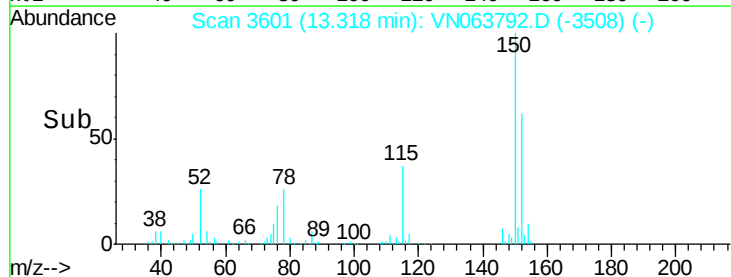
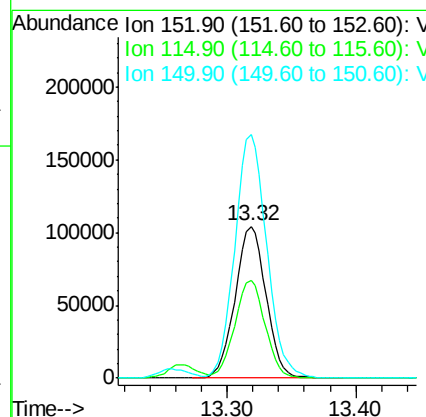
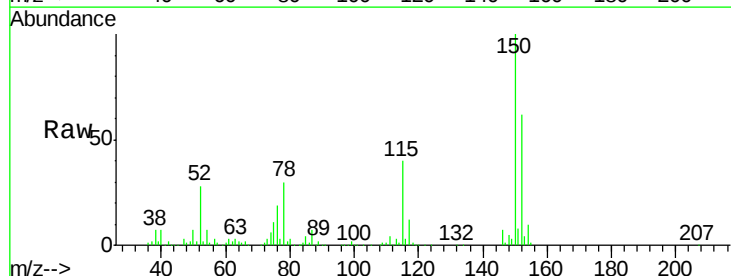
Manual Integrations
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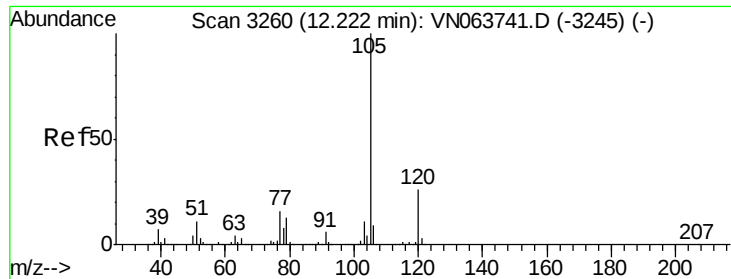
MMDadoda
10/2/2020 3:12:02 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.3	93.8
150	164.5	0.0	341.8





#73

Isopropylbenzene

Concen: 18.280 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

Tot Ion: 105 Resp: 231453

Ion Ratio Lower Upper

105 100

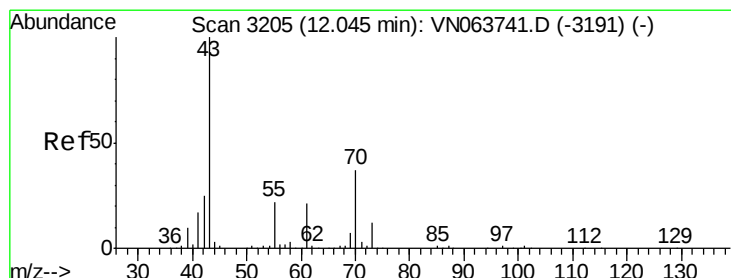
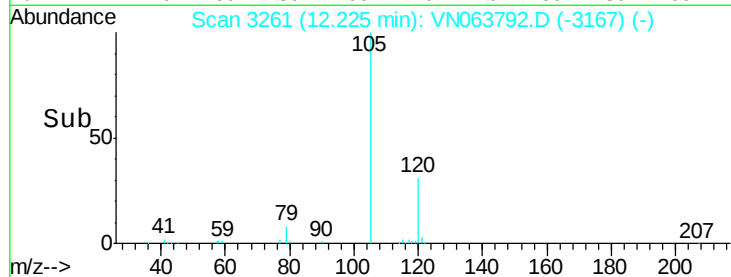
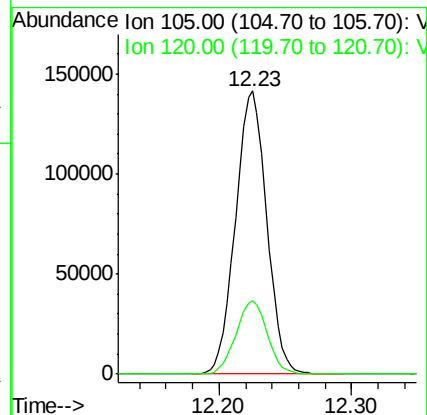
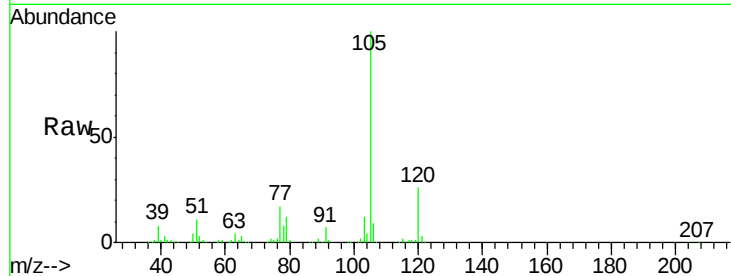
120 25.9 12.6 37.8

Manual Integrations

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10/2/2020 3:12:02 PM



#74

N-ethyl acetate

Concen: 19.936 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion: 43 Resp: 109114

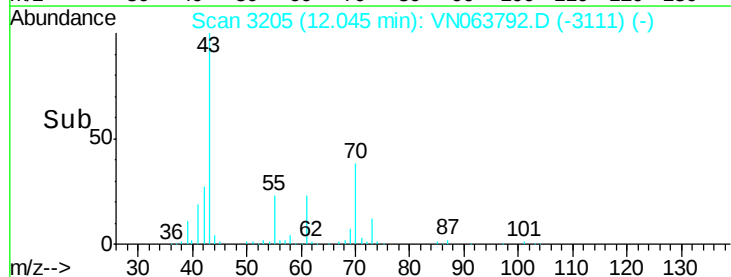
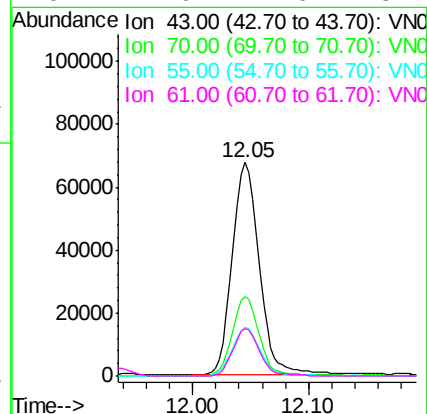
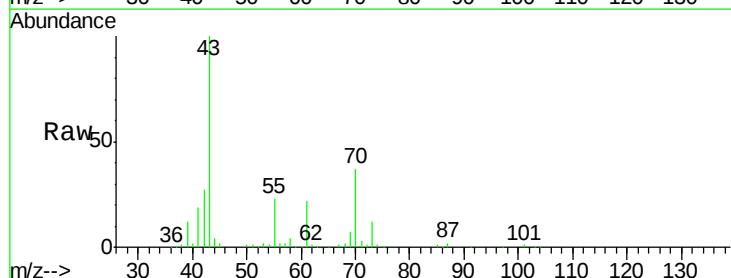
Ion Ratio Lower Upper

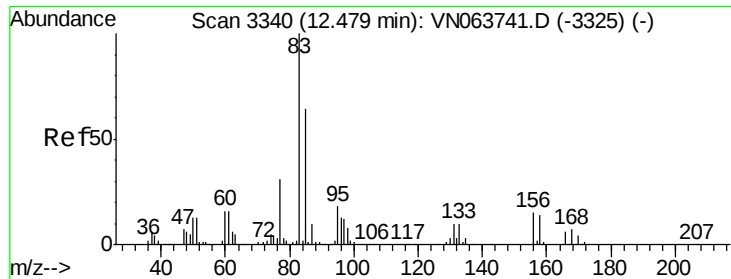
43 100

70 36.9 29.8 44.8

55 23.3 17.9 26.9

61 21.9 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.467 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

Tot Ion: 83 Resp: 79243

Ion Ratio Lower Upper

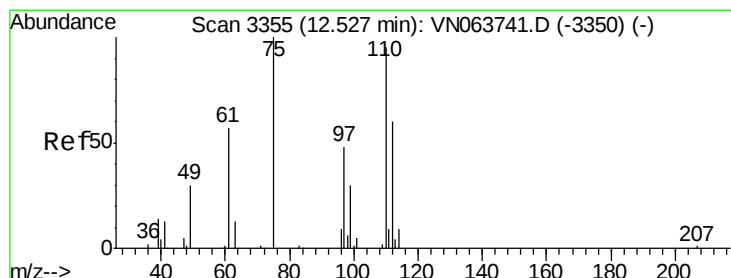
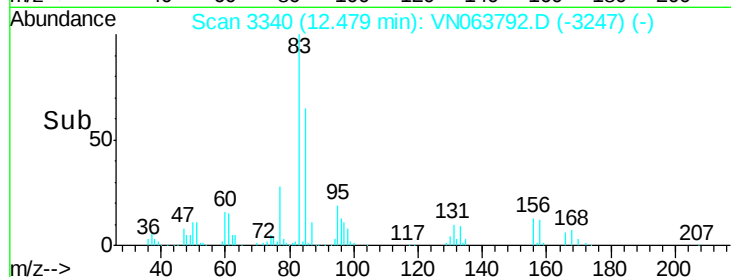
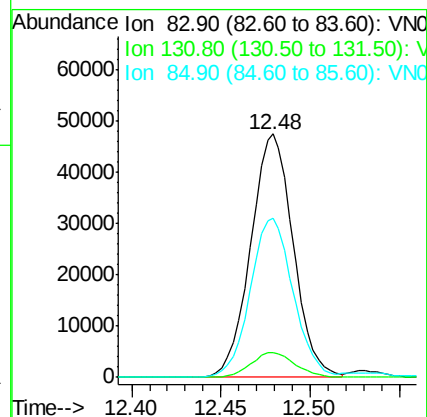
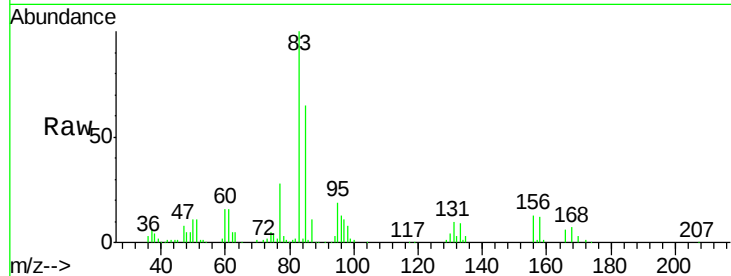
83 100

131 10.3 5.3 15.8

85 65.9 31.3 93.8

Manual Integrations
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10/2/2020 3:12:02 PM



#76

1,2,3-Trichloropropane

Concen: 20.061 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063792.D

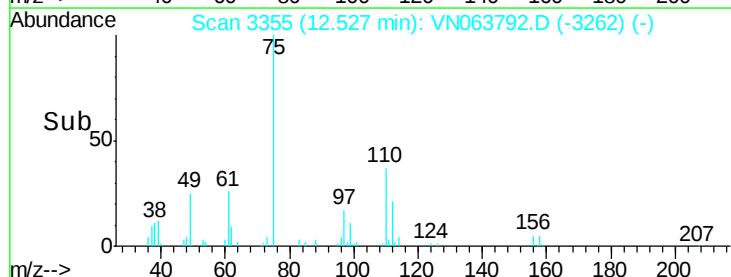
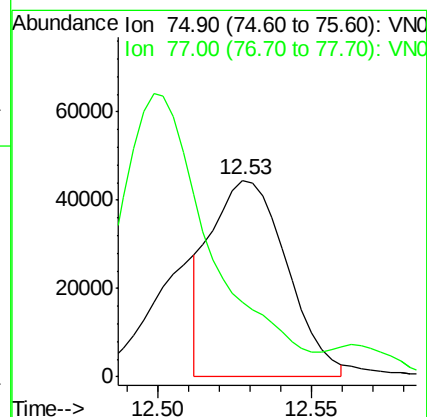
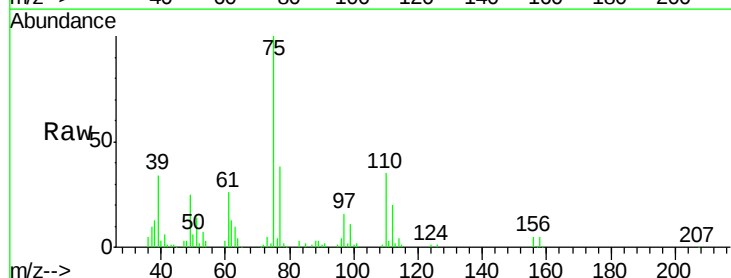
Acq: 2 Oct 2020 00:32

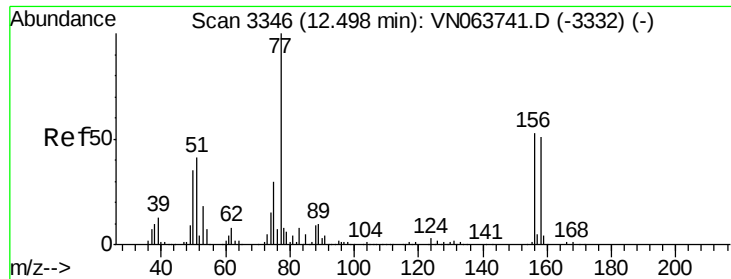
Tgt Ion: 75 Resp: 76766

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





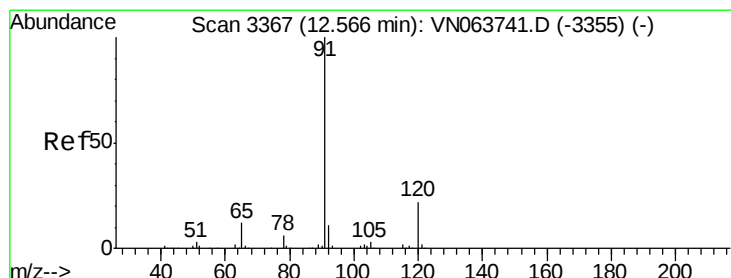
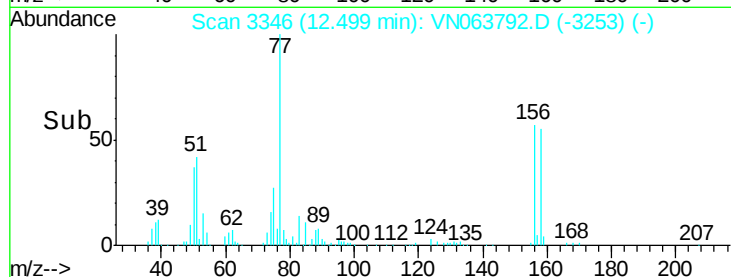
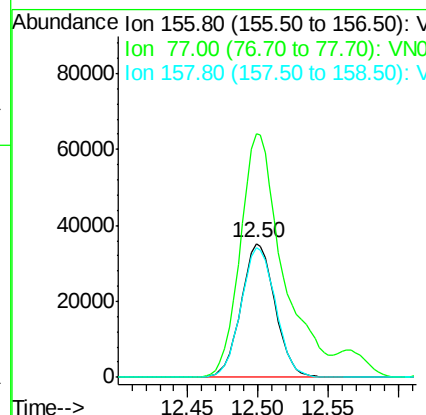
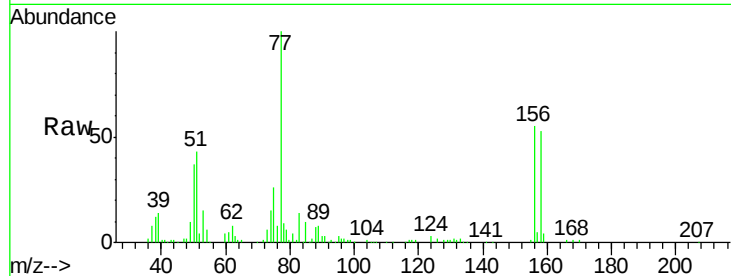
#77
Bromobenzene
Concen: 19.171 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	227.8	110.9	332.7	
158	98.8	47.7	143.1	

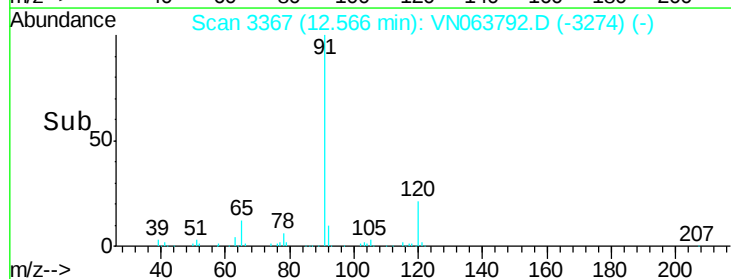
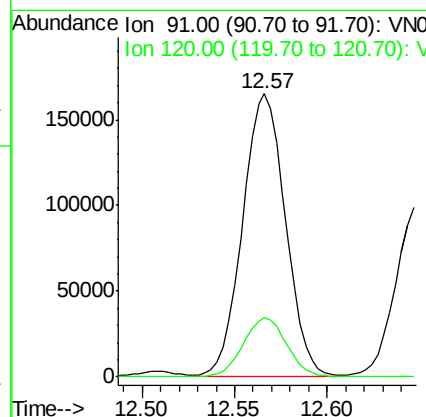
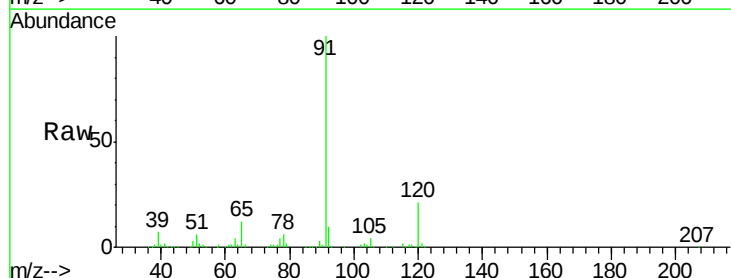
Manual Integrations
APPROVED

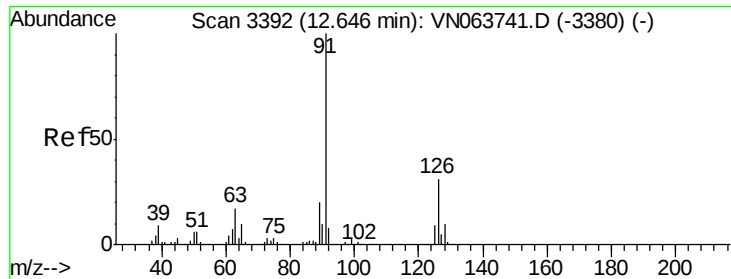
MMDadoda
10/2/2020 3:12:02 PM



#78
n-propylbenzene
Concen: 17.954 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.2	11.1	33.1	





#79

2-Chlorotoluene

Concen: 18.574 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

Tot Ion: 91 Resp: 168333

Ion Ratio Lower Upper

91 100

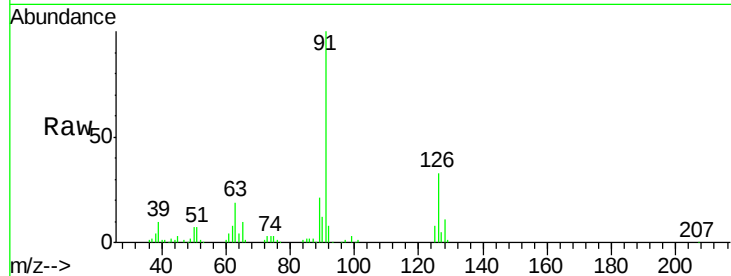
126 32.5 15.9 47.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

150000

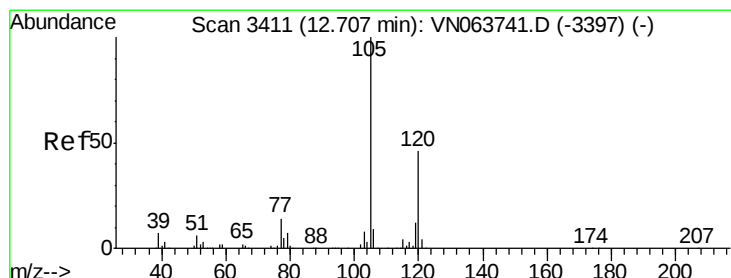
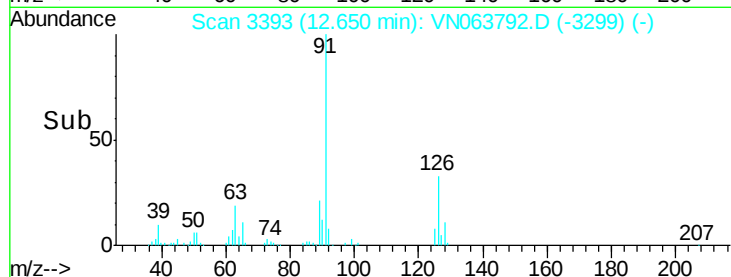
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.420 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063792.D

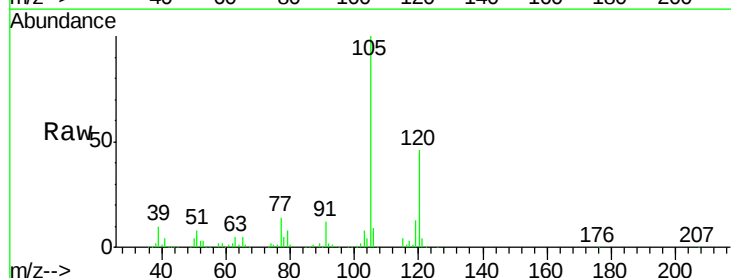
Acq: 2 Oct 2020 00:32

Tgt Ion: 105 Resp: 195661

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

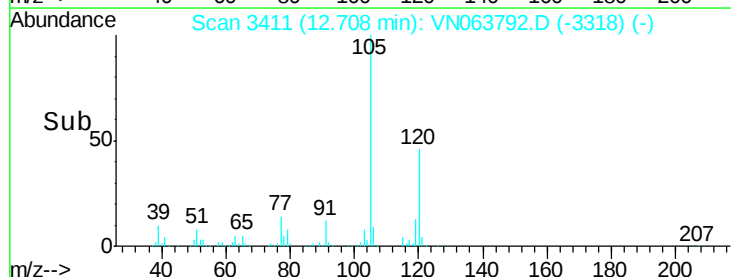
100000

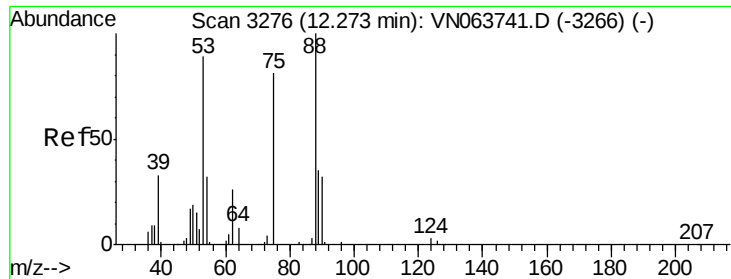
50000

0

12.70 12.71 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.440 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

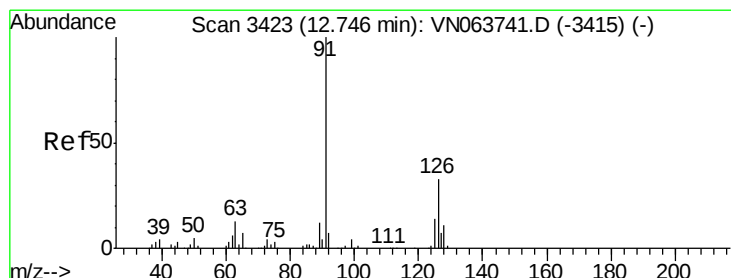
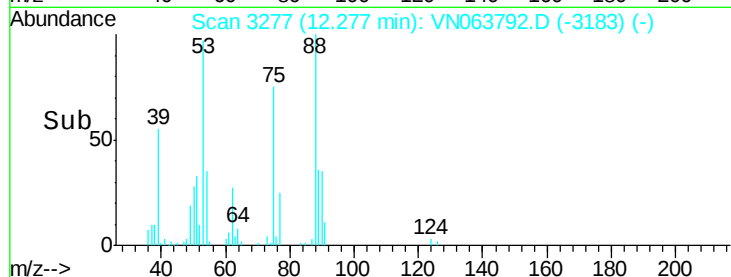
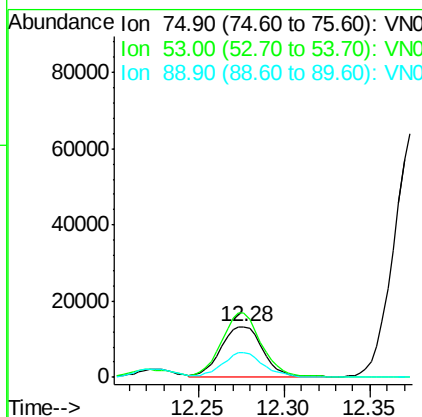
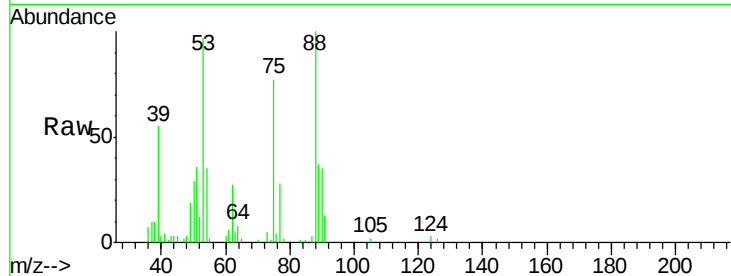
ClientSampleId :

VN1001WBS02

Tot Ion:	75	Resp:	23171
Ion	Ratio	Lower	Upper
75	100		
53	120.3	88.2	132.2
89	46.3	36.0	54.0

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#82

4-Chlorotoluene

Concen: 18.685 ug/l

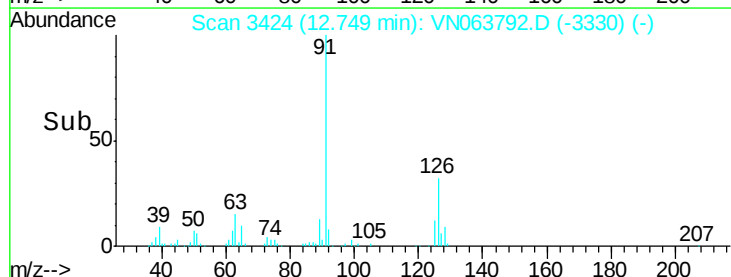
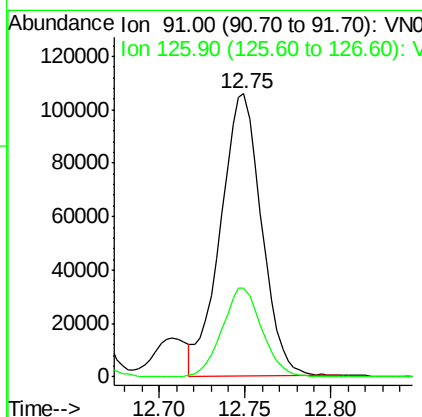
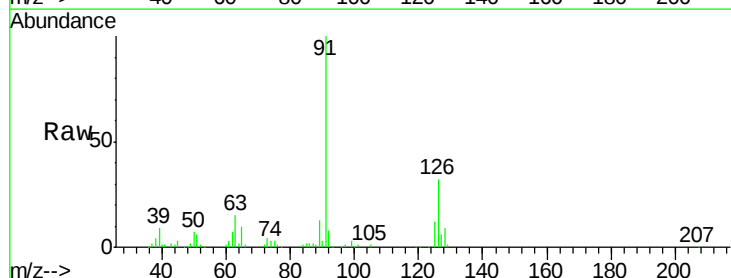
RT: 12.75 min Scan# 3424

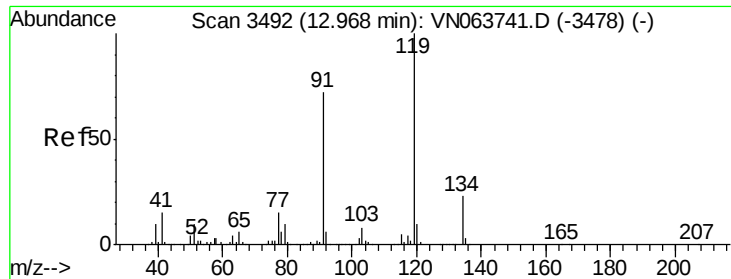
Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion:	91	Resp:	175790
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.2





#83

tert-Butylbenzene

Concen: 17.813 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

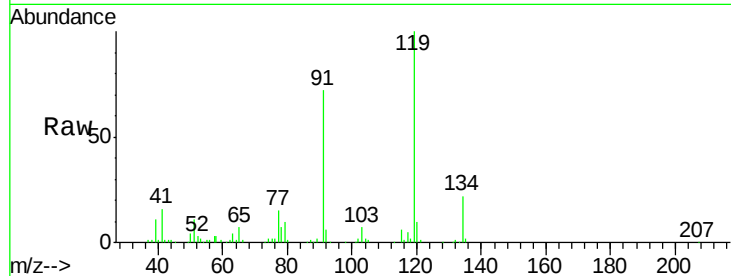
ClientSampleId :

VN1001WBS02

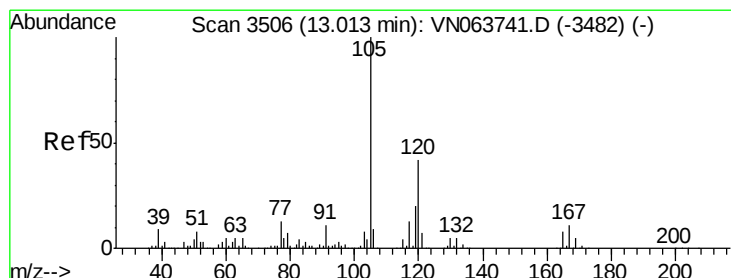
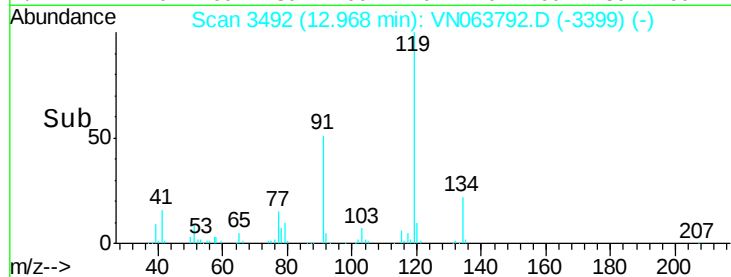
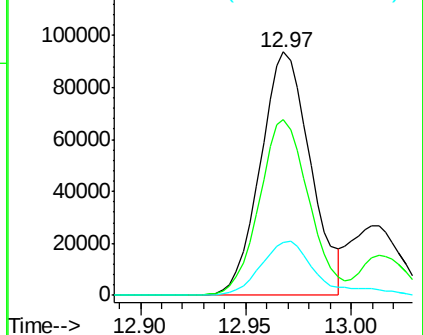
Tot Ion:	119	Resp:	154778
Ion Ratio	Lower	Upper	
119	100		
91	71.5	35.5	106.5
134	24.8	11.7	35.1

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.683 ug/l

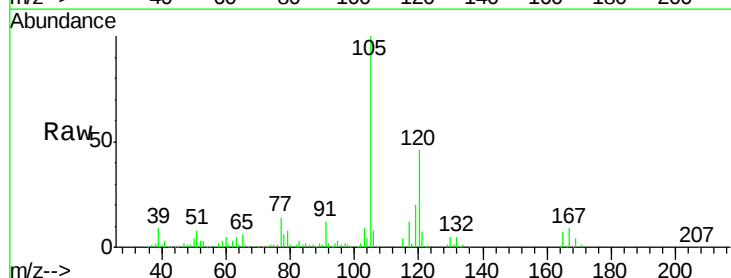
RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

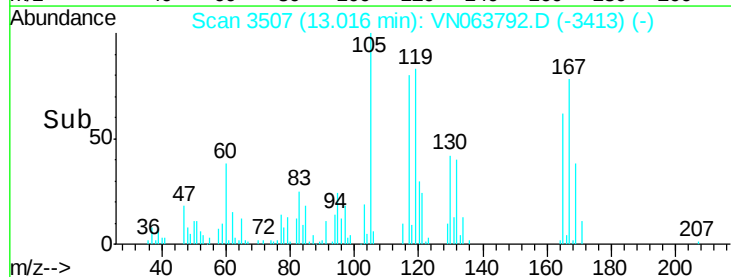
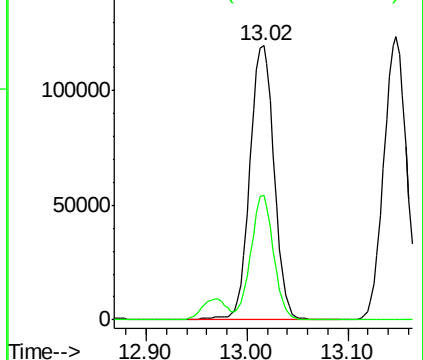
Lab File: VN063792.D

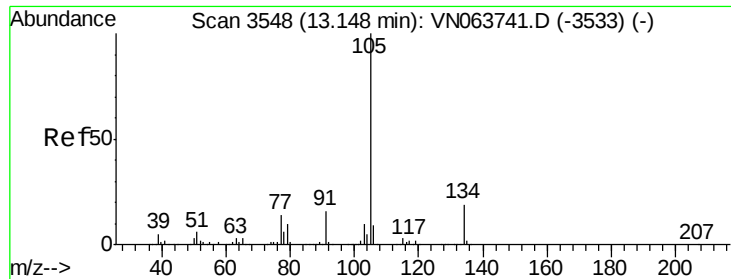
Acq: 2 Oct 2020 00:32

Tgt Ion:	105	Resp:	198147
Ion Ratio	Lower	Upper	
105	100		
120	42.1	20.9	62.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





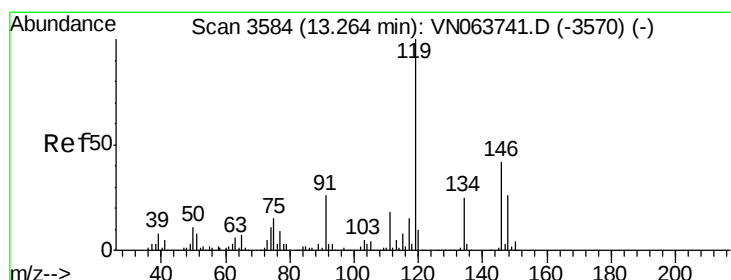
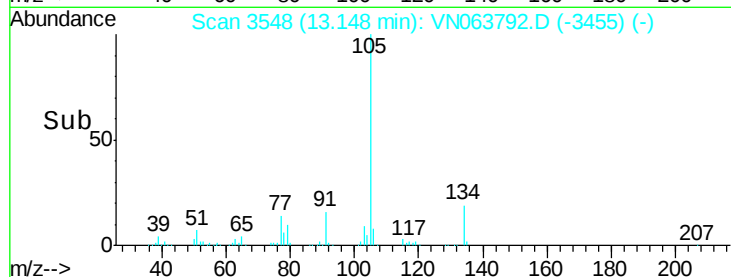
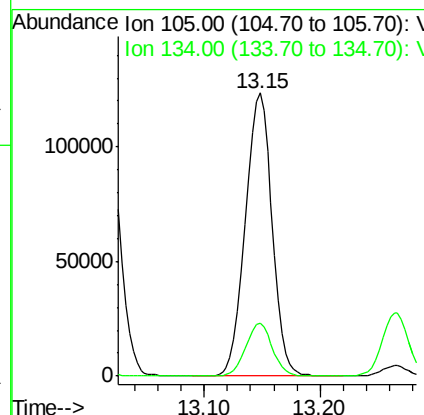
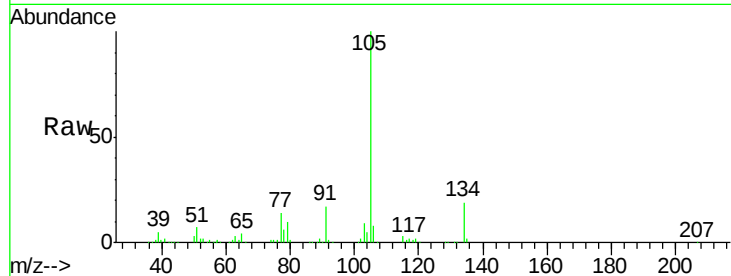
#85
 sec-Butylbenzene
 Concen: 17.353 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	198040		
134	18.6	9.5	28.5	

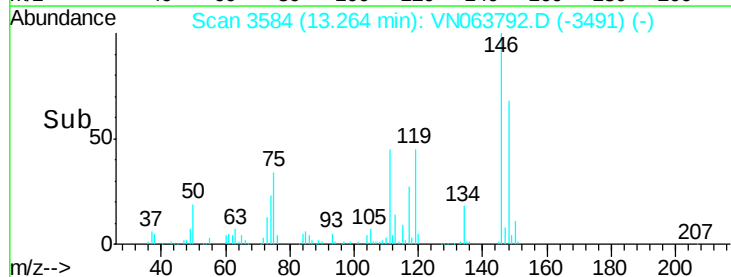
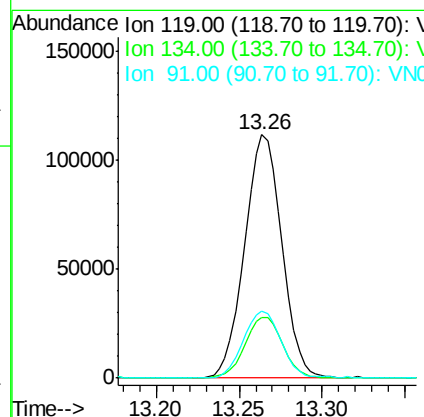
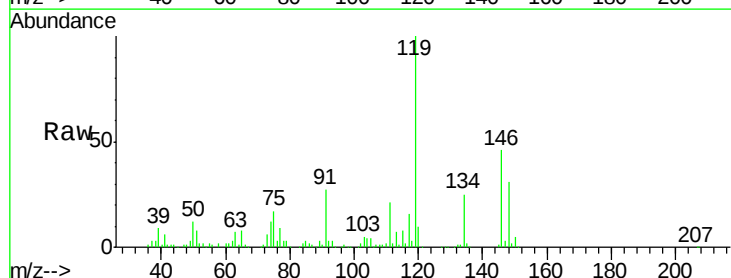
Manual Integrations
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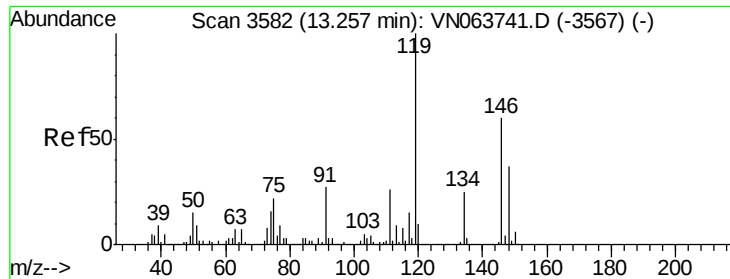
MMDadoda
 10/2/2020 3:12:02 PM



#86
 p-Isopropyltoluene
 Concen: 17.177 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	173418		
134	25.6	12.6	37.8	
91	28.0	13.4	40.2	





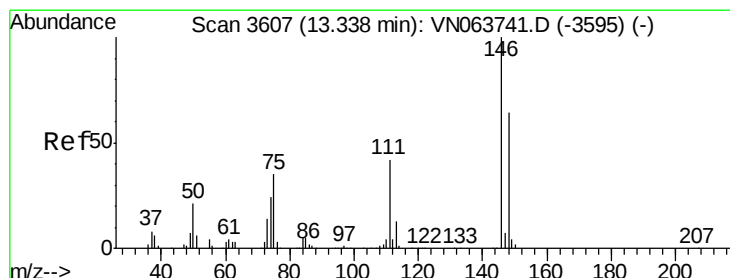
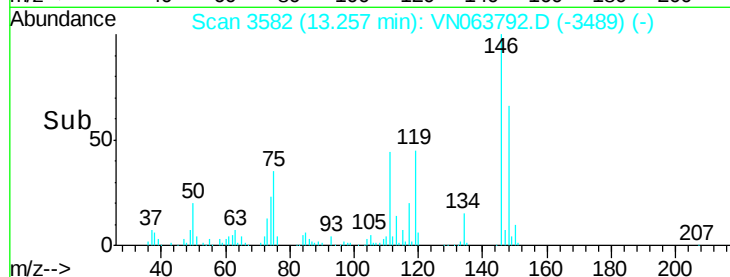
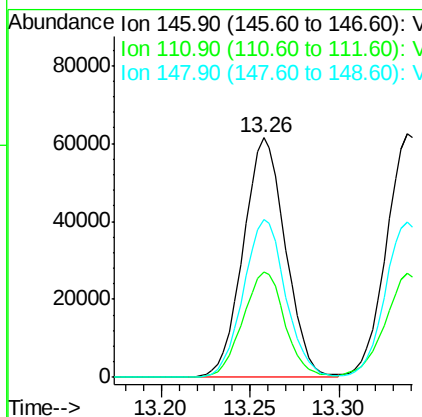
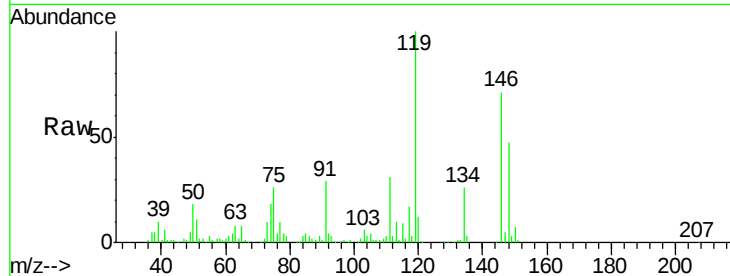
#87
 1,3-Dichlorobenzene
 Concen: 18.089 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	101671		
111	43.8	21.5	64.5	
148	65.9	31.1	93.3	

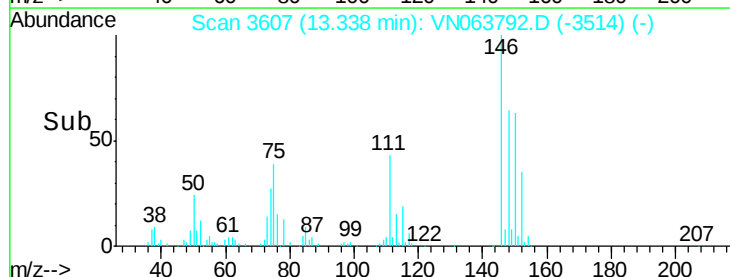
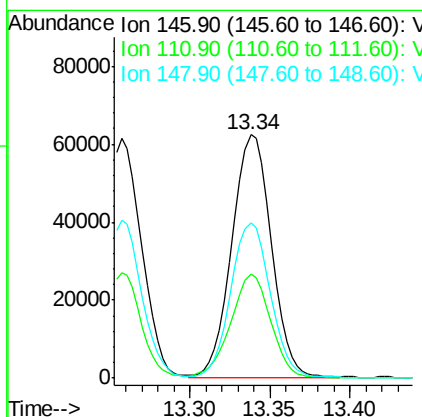
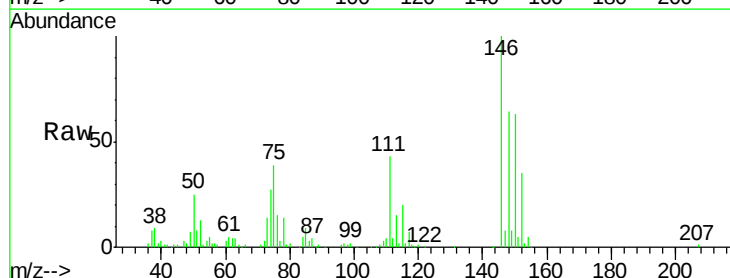
Manual Integrations
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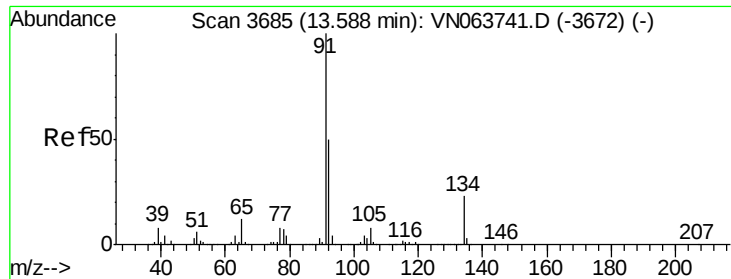
MMDadoda
 10/2/2020 3:12:02 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.892 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104708		
111	43.9	21.3	63.7	
148	63.4	32.0	96.0	





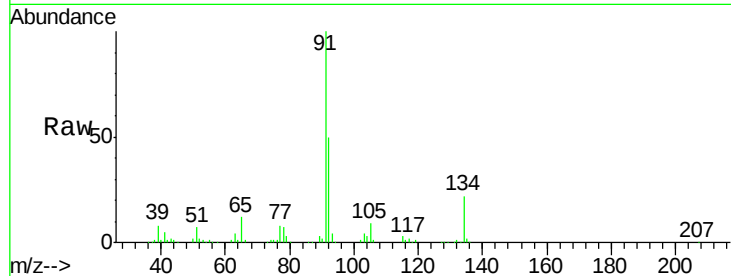
#89
n-Butylbenzene
Concen: 16.076 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.4	76.4
134	22.2	11.7	35.1

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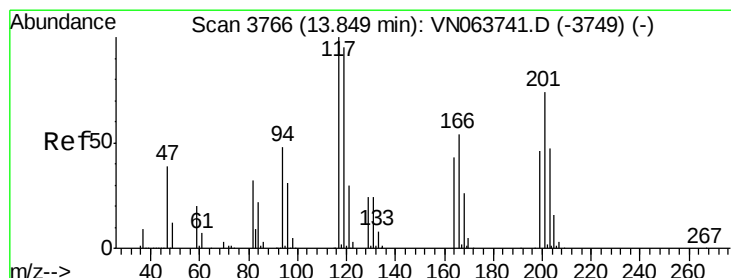
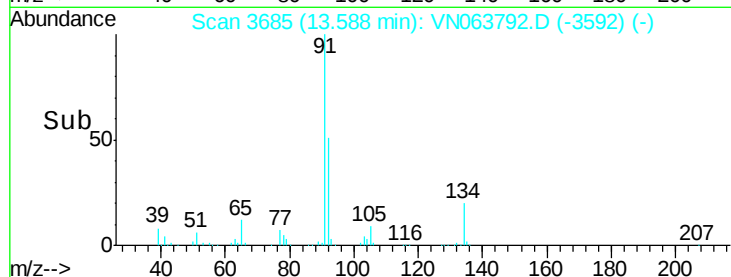
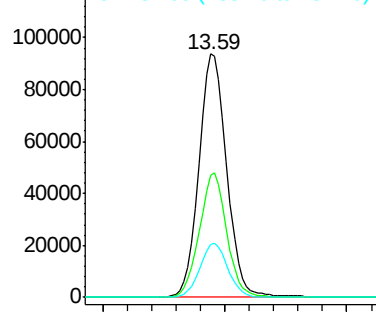


Abundance

Ion 91.00 (90.70 to 91.70): VN063792.D (-3592) (-)

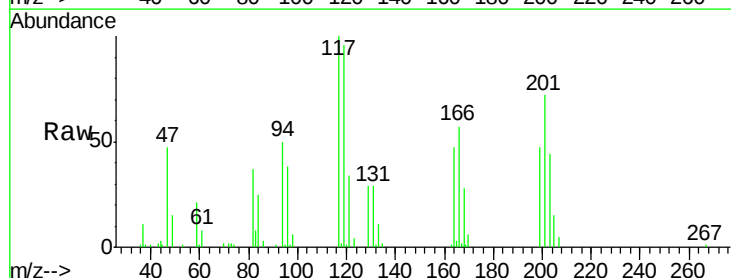
Ion 92.00 (91.70 to 92.70): VN063792.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063792.D (-3592) (-)



#90
Hexachloroethane
Concen: 17.172 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

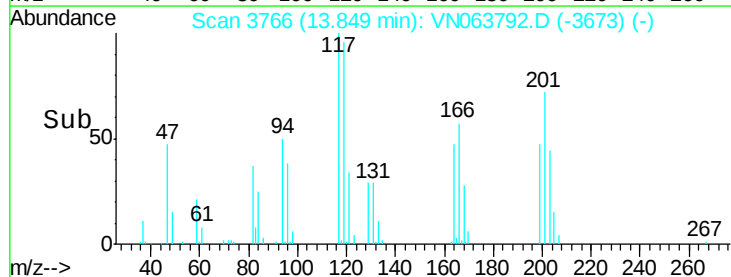
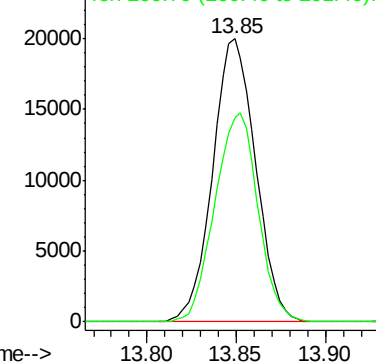
Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.4	36.0	108.0



Abundance

Ion 116.80 (116.50 to 117.50): VN063792.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063792.D (-3673) (-)





#91

1,2-Dichlorobenzene

Concen: 18.924 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

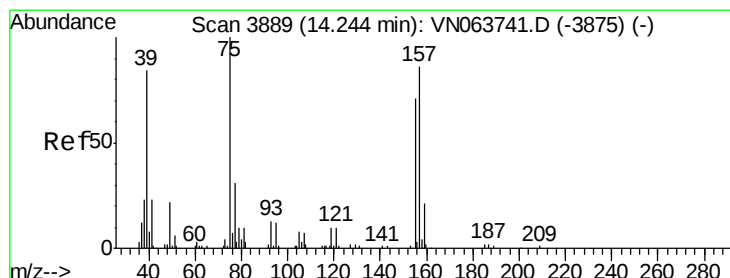
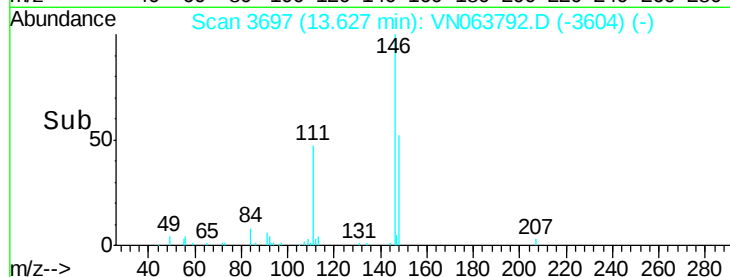
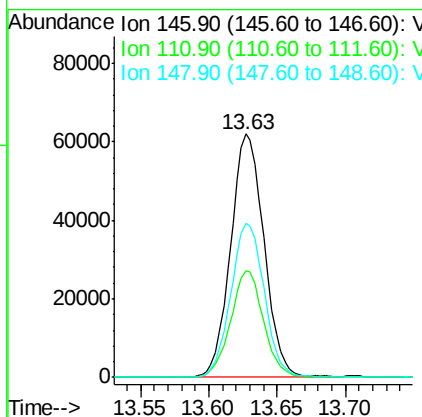
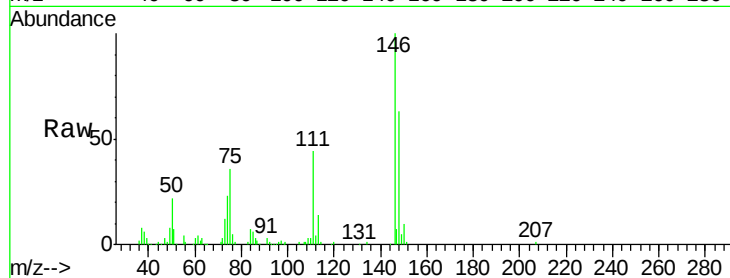
ClientSampleId :

VN1001WBS02

Tot Ion:	146	Resp:	105355
Ion Ratio		Lower	Upper
146	100		
111	43.1	22.2	66.6
148	63.4	32.5	97.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.250 ug/l

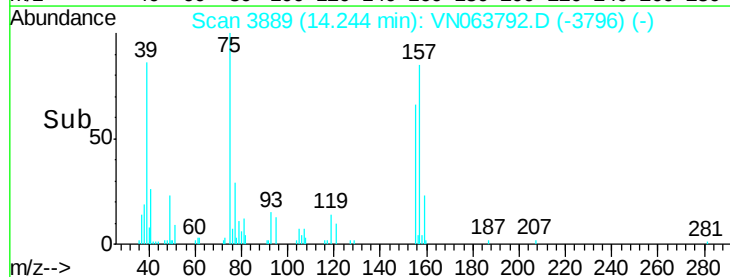
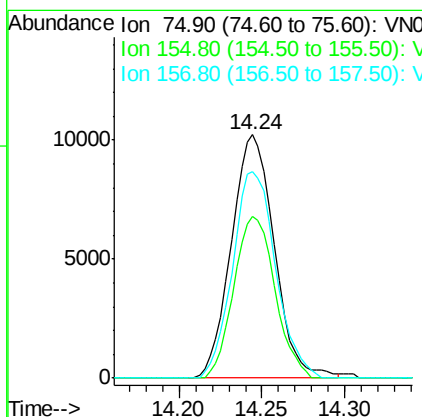
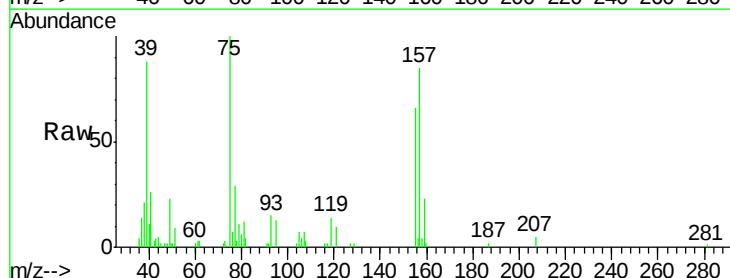
RT: 14.24 min Scan# 3889

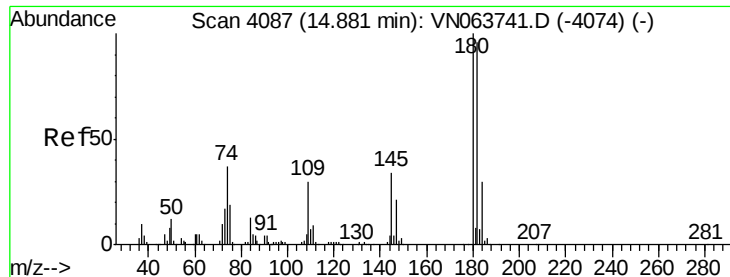
Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion:	75	Resp:	18387
Ion Ratio		Lower	Upper
75	100		
155	63.4	34.8	104.5
157	85.3	43.7	131.1





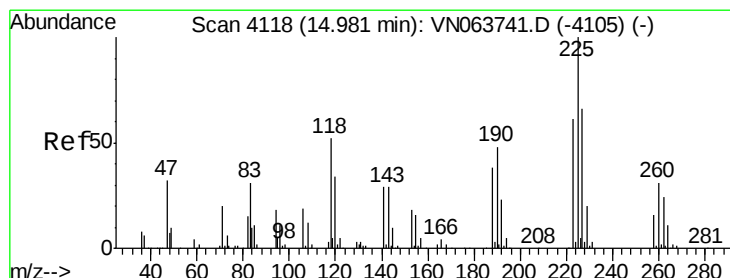
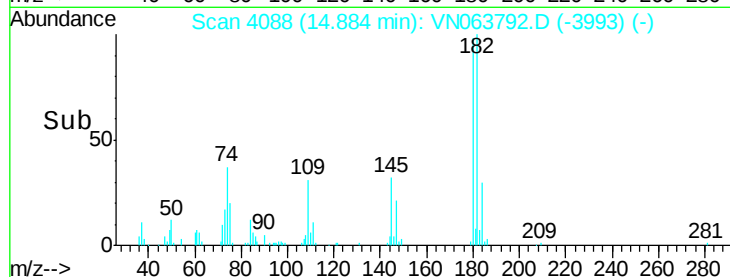
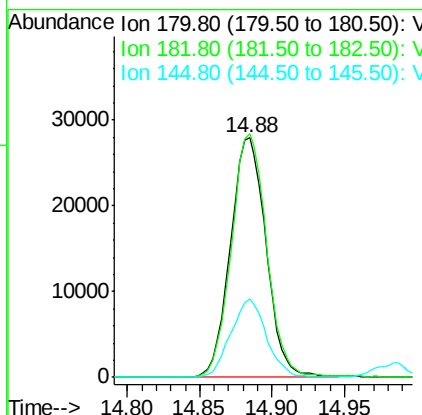
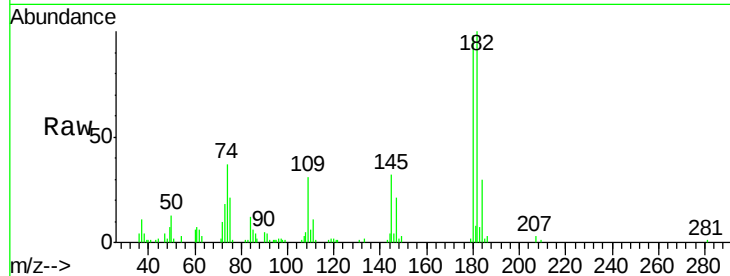
#93
 1,2,4-Trichlorobenzene
 Concen: 16.988 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	100.3	48.2	144.6	
145	32.6	17.1	51.2	

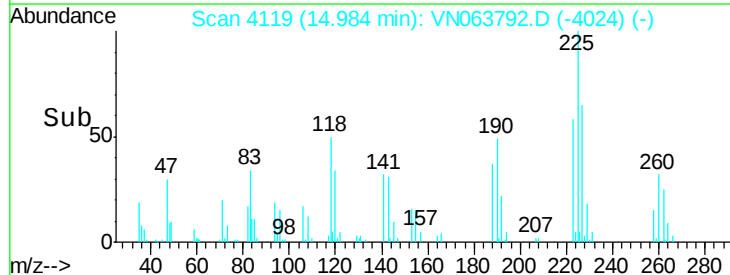
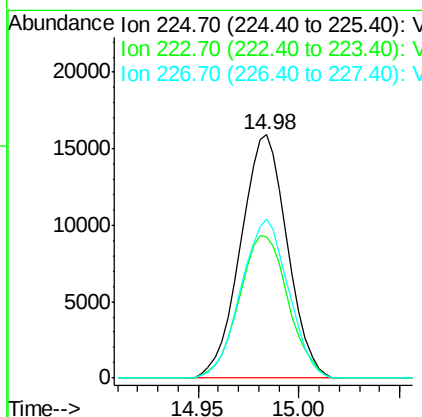
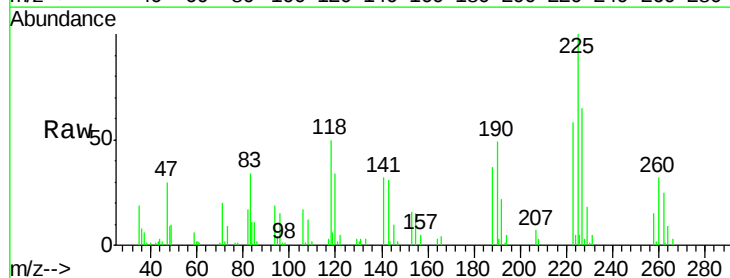
Manual Integrations
 APPROVED

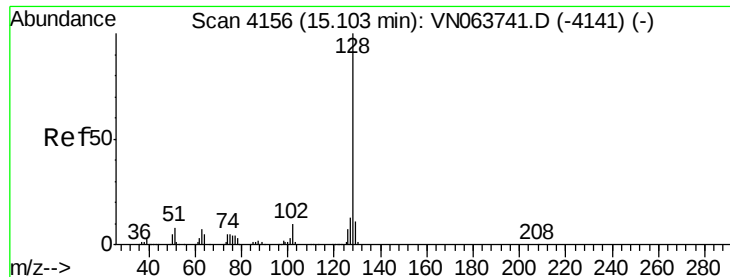
MMDadoda
 10/2/2020 3:12:02 PM



#94
 Hexachlorobutadiene
 Concen: 17.110 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	30.3	91.0	
227	66.4	31.9	95.5	





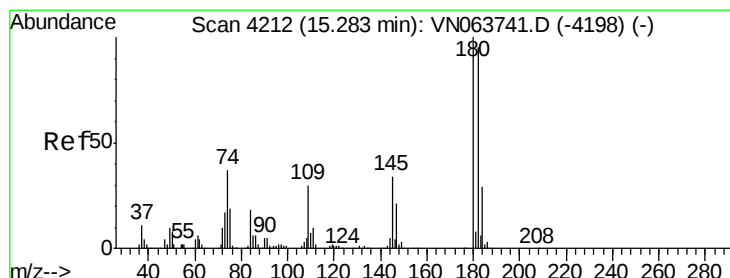
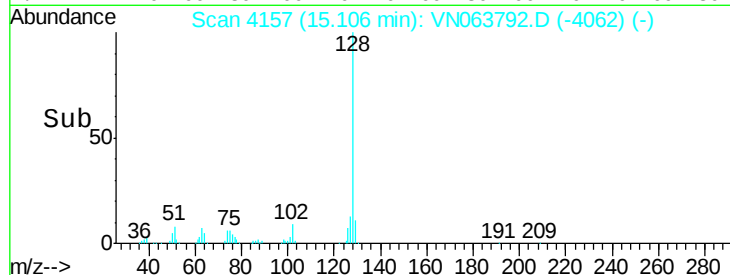
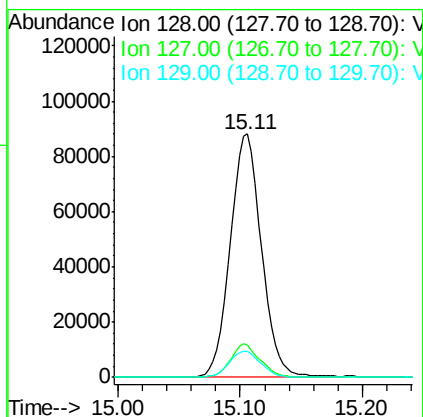
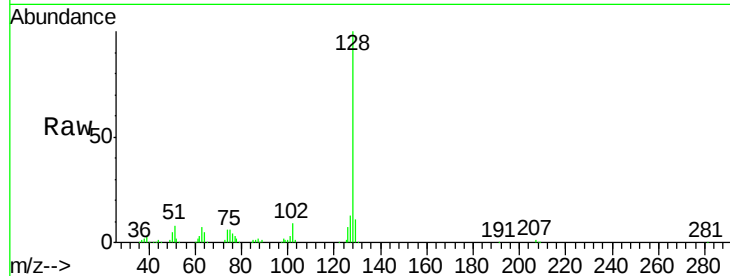
#95
Naphthalene
Concen: 18.065 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:12:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.310 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.6
145	35.1	17.2	51.5

