

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064754.D
 Acq On : 20 Nov 2020 2:16
 Operator : JC/MD
 Sample : VN1119WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1119WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:34 PM

Quant Time: Nov 20 05:51:33 2020
 Quant Title :
 QLast Update : Sat Nov 21 00:39:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	252829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	221168	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.54	113	143420	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.05	98	565764	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	12.37	95	204719	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	

Target Compounds

					Ovalue	
2) Dichlorodifluoromethane	1.83	85	57564	18.221	ug/l	97
3) Chloromethane	2.04	50	68783	19.690	ug/l	98
4) Vinyl Chloride	2.17	62	80301	22.030	ug/l	98
5) Bromomethane	2.54	94	57939	21.677	ug/l	97
6) Chloroethane	2.68	64	56145	22.829	ug/l	98
7) Trichlorofluoromethane	2.99	101	134675	20.629	ug/l	98
8) Diethyl Ether	3.37	74	45841	21.762	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55350	19.619	ug/l	99
10) Methyl Iodide	3.91	142	57250	16.976	ug/l	99
11) Tert butyl alcohol	4.73	59	40671	94.256	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	50875	18.716	ug/l	98
13) Acrolein	3.56	56	8279	81.951	ug/l	99
14) Allvl chloride	4.27	41	88735	19.012	ug/l	96
15) Acrylonitrile	4.93	53	117619	92.831	ug/l	100
16) Acetone	3.77	43	114685	109.479	ug/l	98
17) Carbon Disulfide	4.00	76	150734	19.150	ug/l	100
18) Methyl Acetate	4.28	43	60897	19.494	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	170947	18.795	ug/l	100
20) Methylene Chloride	4.50	84	62489	18.973	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	56465	18.617	ug/l	98
22) Diisopropyl ether	5.90	45	191376	19.416	ug/l	97
23) Vinyl Acetate	5.84	43	757420	95.218	ug/l	100
24) 1,1-Dichloroethane	5.79	63	111799	19.360	ug/l	99
25) 2-Butanone	6.78	43	164418	96.691	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93870	17.107	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	64970	19.430	ug/l	97
28) Bromochloromethane	7.15	49	56709	19.476	ug/l	96
29) Tetrahydrofuran	7.16	42	104035	90.549	ug/l	98
30) Chloroform	7.32	83	123224	19.636	ug/l	100
31) Cyclohexane	7.61	56	88893	18.487	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	110800	19.317	ug/l	98
36) 1,1-Dichloropropene	7.75	75	86192	17.020	ug/l	98
37) Ethyl Acetate	6.87	43	76635	18.073	ug/l	98
38) Carbon Tetrachloride	7.73	117	98208	18.248	ug/l	97
39) Methylcyclohexane	9.04	83	71409	15.914	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.00	78	250636	17.763	ug/l	99
41) Methacrylonitrile	7.12	41	36097	18.573	ug/l	90
42) 1,2-Dichloroethane	8.08	62	109878	18.099	ug/l	100
43) Isopropyl Acetate	8.12	43	131191	15.962	ug/l	99
44) Trichloroethene	8.79	130	75447	18.632	ug/l	95
45) 1,2-Dichloropropane	9.08	63	68042	18.091	ug/l	100
46) Dibromomethane	9.17	93	47192	17.701	ug/l	99
47) Bromodichloromethane	9.37	83	100512	17.933	ug/l	99
48) Methyl methacrylate	9.16	41	61895	15.960	ug/l	99
49) 1,4-Dioxane	9.16	88	18729	387.098	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	377999	80.448	ug/l	100
52) Toluene	10.12	92	155991	17.950	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	96135	16.027	ug/l	97
54) cis-1,3-Dichloropropene	9.80	75	103573	16.769	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	61897	17.758	ug/l	96
56) Ethyl methacrylate	10.40	69	79072	15.756	ug/l	97
57) 1,3-Dichloropropane	10.68	76	105588	17.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	229662	82.785	ug/l	99
59) 2-Hexanone	10.72	43	268734	79.682	ug/l	98
60) Dibromochloromethane	10.87	129	69561	17.273	ug/l	100
61) 1,2-Dibromoethane	10.97	107	62944	16.930	ug/l	99
64) Tetrachloroethene	10.60	164	72727	19.537	ug/l	97
65) Chlorobenzene	11.40	112	164625	18.430	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	63250	18.951	ug/l	100
67) Ethyl Benzene	11.48	91	283382	17.994	ug/l	99
68) m/p-Xylenes	11.59	106	212635	35.961	ug/l	98
69) o-Xylene	11.92	106	100697	18.327	ug/l	99
70) Styrene	11.94	104	172505	17.818	ug/l	100
71) Bromoform	12.10	173	41822	17.778	ug/l #	96
73) Isopropylbenzene	12.22	105	256873	13.801	ug/l	100
74) N-amyl acetate	12.04	43	111896	12.873	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	72272	13.888	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	89496m	15.844	ug/l	
77) Bromobenzene	12.50	156	66613	14.190	ug/l	96
78) n-propylbenzene	12.56	91	308637	14.239	ug/l	99
79) 2-Chlorotoluene	12.65	91	191121	13.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	226778	14.667	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	24906	12.545	ug/l	93
82) 4-Chlorotoluene	12.74	91	207845	14.050	ug/l	99
83) tert-Butylbenzene	12.97	119	182878	15.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	266368	16.880	ug/l	99
85) sec-Butylbenzene	13.14	105	249588	15.655	ug/l	99
86) p-Isopropyltoluene	13.26	119	229372	15.643	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	134179	15.687	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	158878	18.093	ug/l	99
89) n-Butylbenzene	13.59	91	228291	16.678	ug/l	99
90) Hexachloroethane	13.85	117	45547	18.790	ug/l	92
91) 1,2-Dichlorobenzene	13.62	146	155986	18.659	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21287	15.588	ug/l	88
93) 1,2,4-Trichlorobenzene	14.88	180	77756	17.971	ug/l	97
94) Hexachlorobutadiene	14.98	225	36114	19.082	ug/l	97

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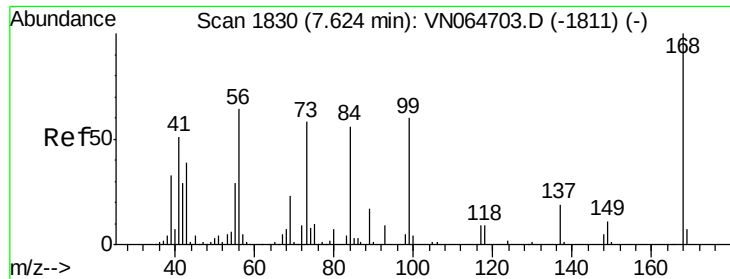
Manual Integrations
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Quant Title :
QLast Update : Sat Nov 21 00:39:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	240147	16.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	76149	17.952	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion:168 Resp: 252829

Ion Ratio Lower Upper

168 100

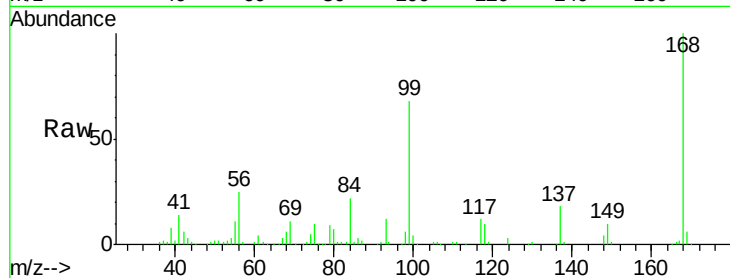
99 67.2 55.7 83.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

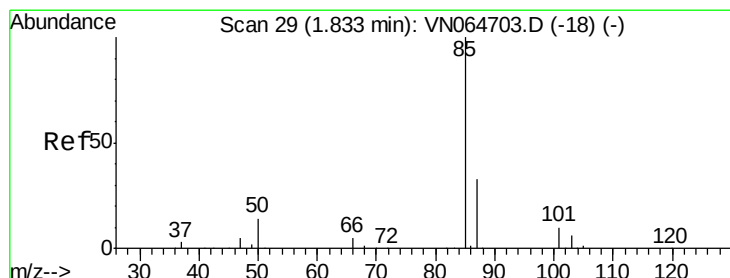
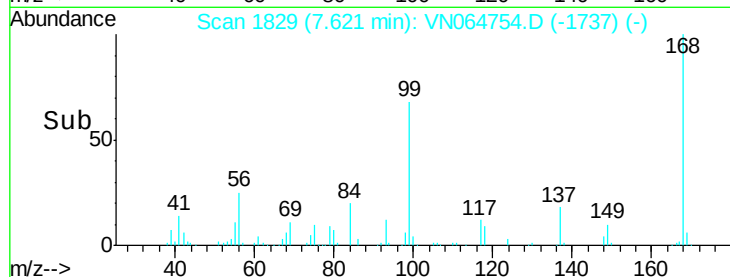
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.221 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064754.D

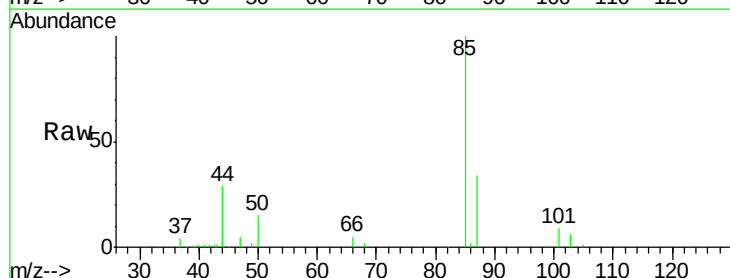
Acq: 20 Nov 2020 2:16

Tgt Ion: 85 Resp: 57564

Ion Ratio Lower Upper

85 100

87 34.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

50000

40000

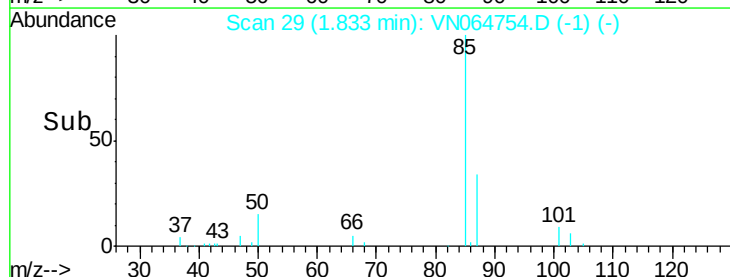
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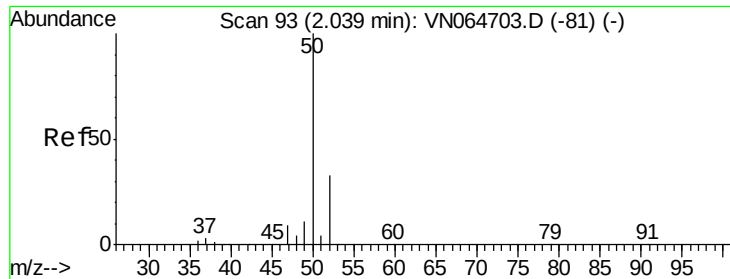
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.690 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion: 50 Resp: 68783

Ion Ratio Lower Upper

50 100

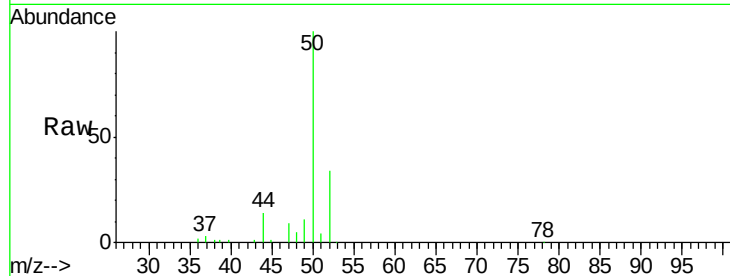
52 34.0 26.4 39.6

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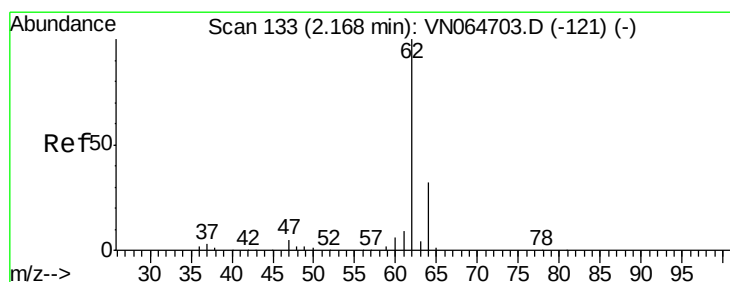
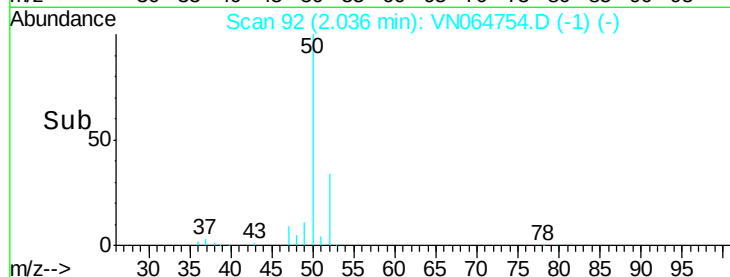
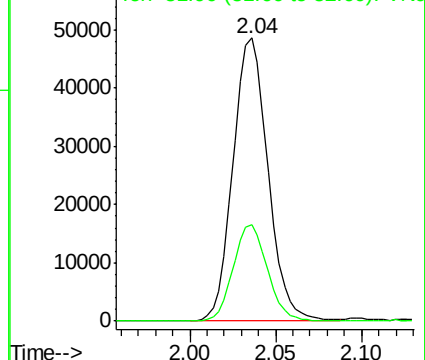
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 22.030 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064754.D

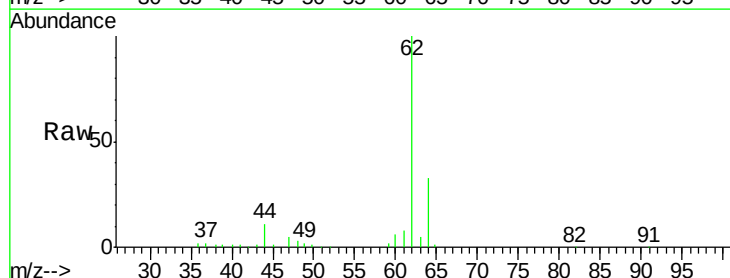
Acq: 20 Nov 2020 2:16

Tgt Ion: 62 Resp: 80301

Ion Ratio Lower Upper

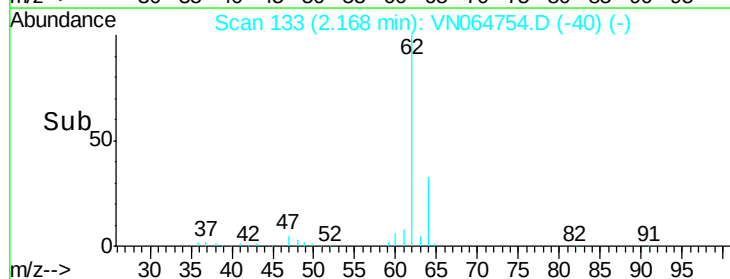
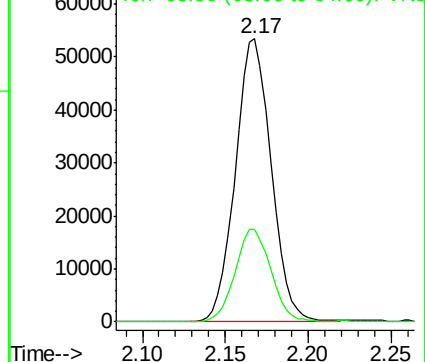
62 100

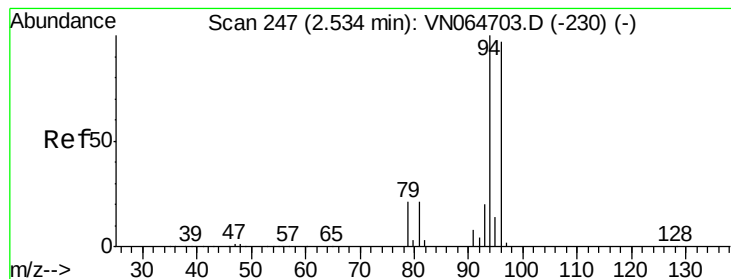
64 32.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 21.677 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

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Tot Ion: 94 Resp: 57939

Ion Ratio Lower Upper

94 100

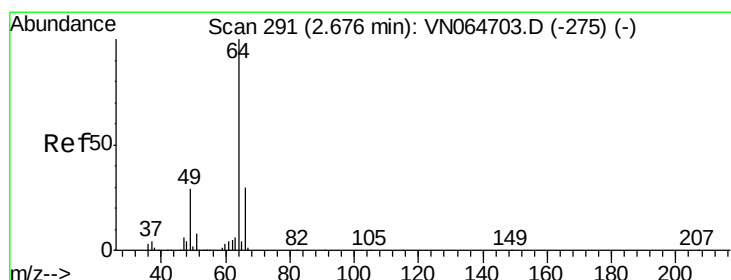
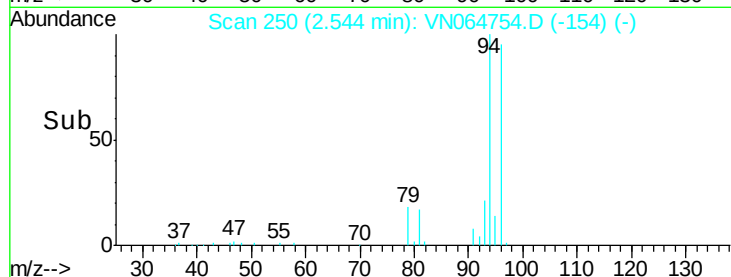
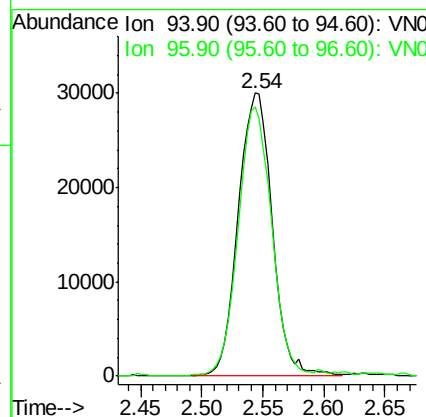
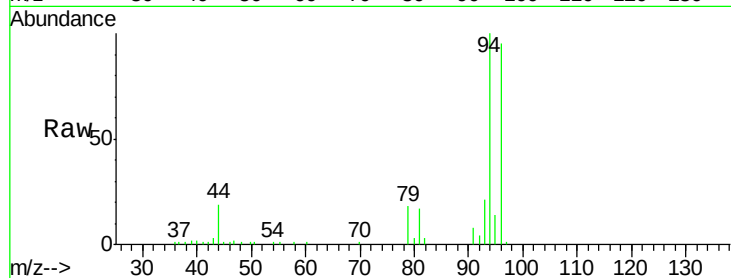
96 94.6 77.8 116.8

Manual Integrations

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#6

Chloroethane

Concen: 22.829 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064754.D

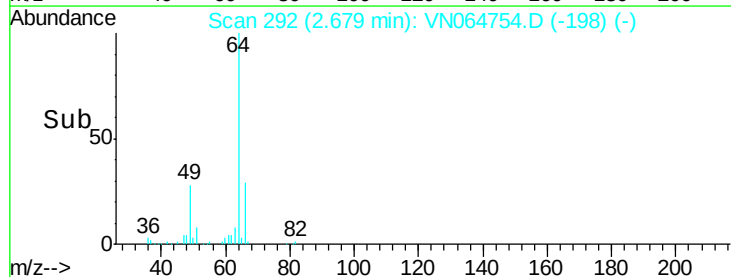
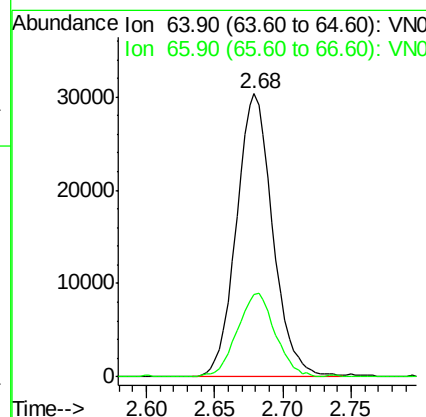
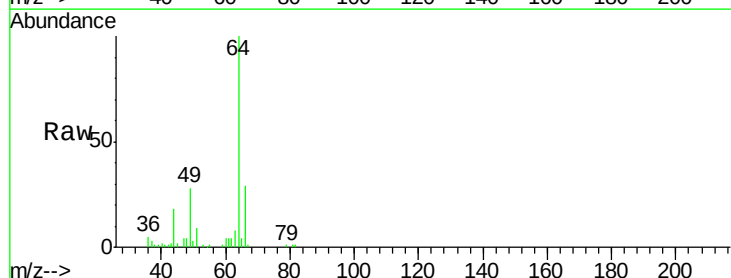
Acq: 20 Nov 2020 2:16

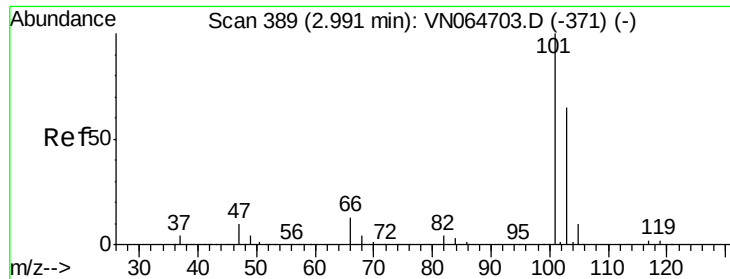
Tgt Ion: 64 Resp: 56145

Ion Ratio Lower Upper

64 100

66 29.1 24.2 36.2





#7

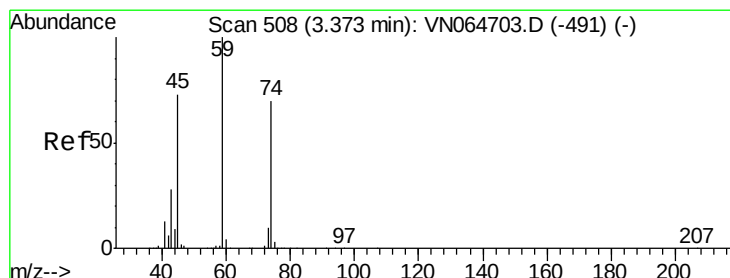
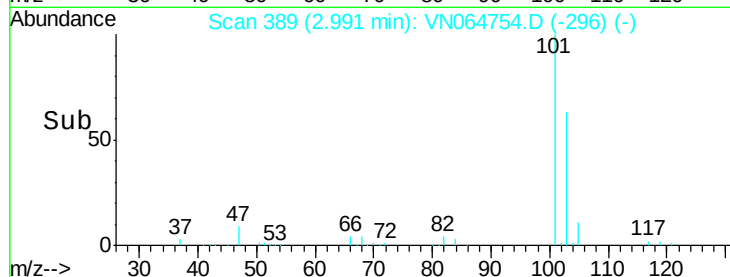
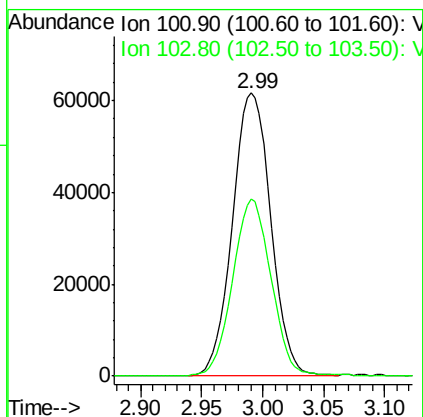
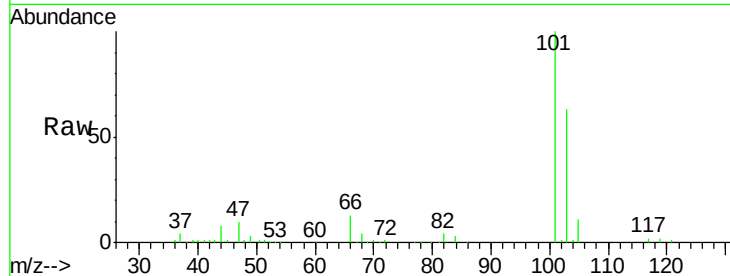
Trichlorofluoromethane
Concen: 20.629 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

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ClientSampleId :
VN1119WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.8	77.6

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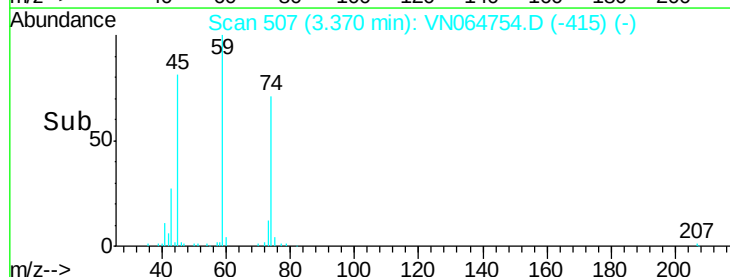
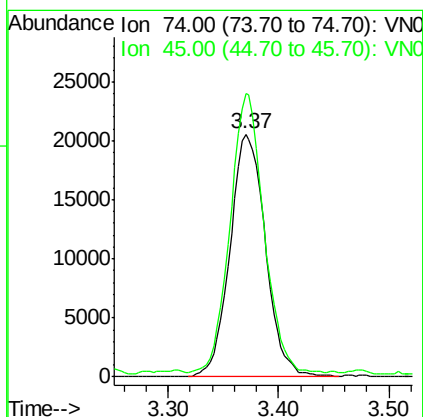
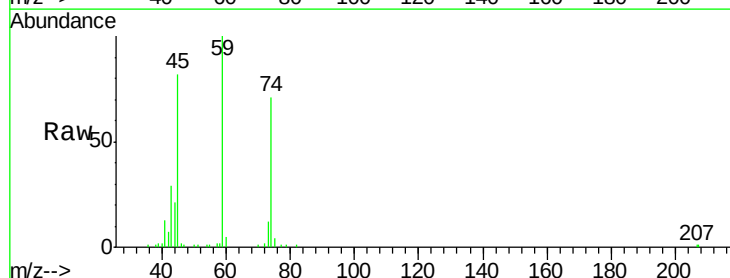
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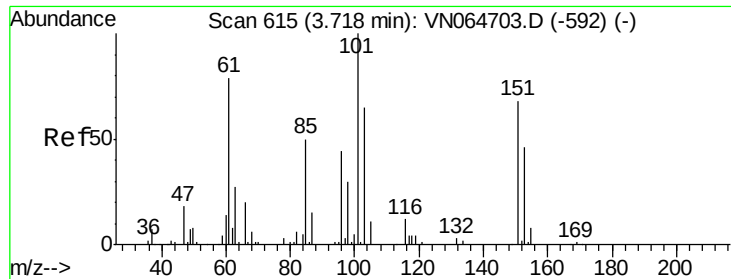


#8

Diethyl Ether
Concen: 21.762 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.7	52.8	158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.619 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

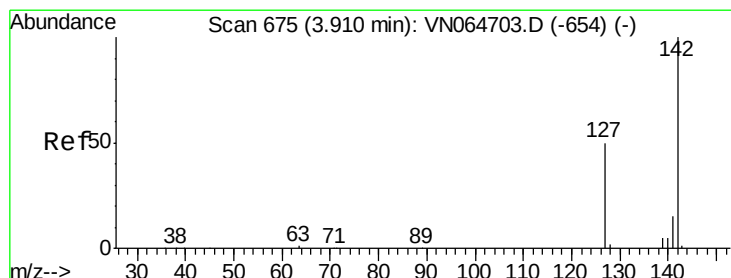
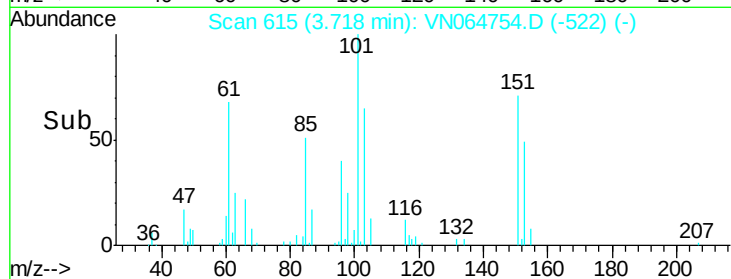
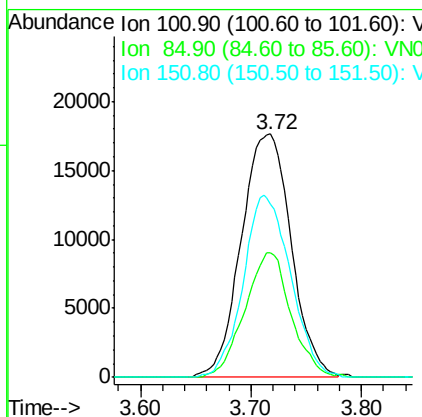
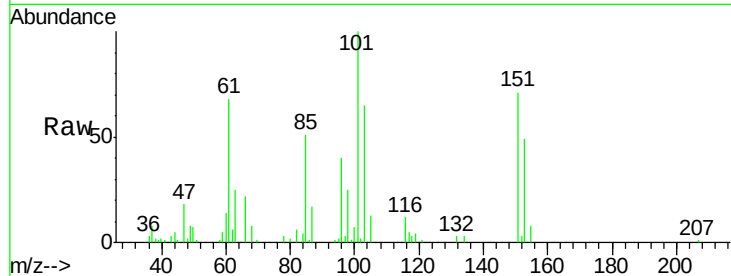
ClientSampleId :

VN1119WBS02

Tot Ion:	101	Resp:	55350
Ion Ratio	Lower	Upper	
101	100		
85	47.1	39.0	58.4
151	70.9	57.2	85.8

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#10

Methyl Iodide

Concen: 16.976 ug/l

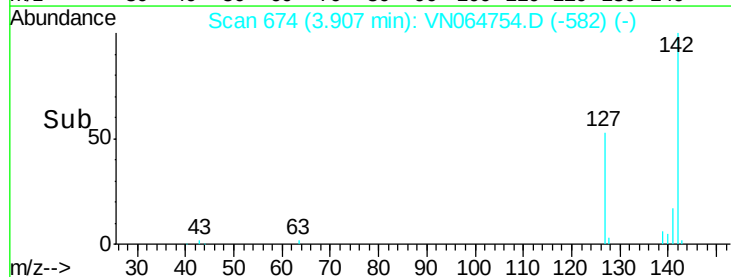
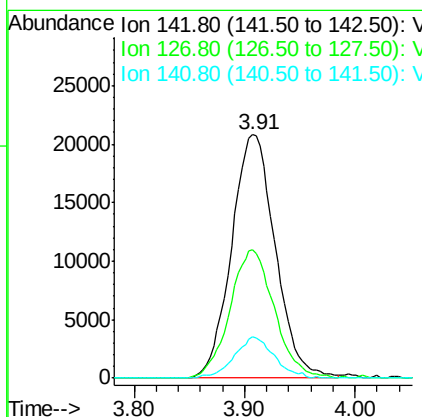
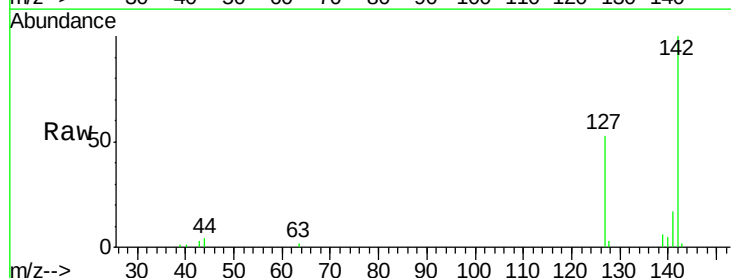
RT: 3.91 min Scan# 674

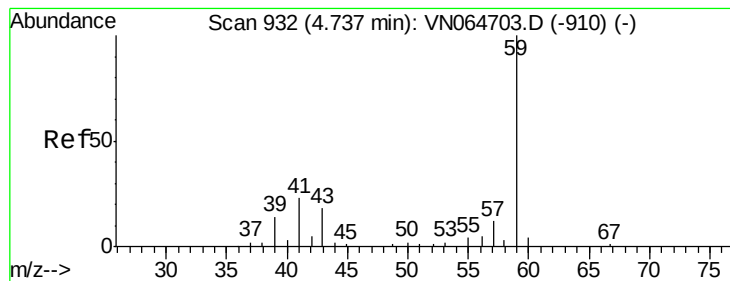
Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Tgt Ion:	142	Resp:	57250
Ion Ratio	Lower	Upper	
142	100		
127	53.3	42.0	63.0
141	15.5	12.1	18.1





#11

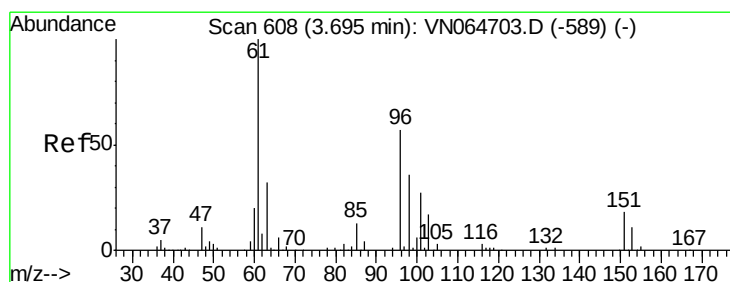
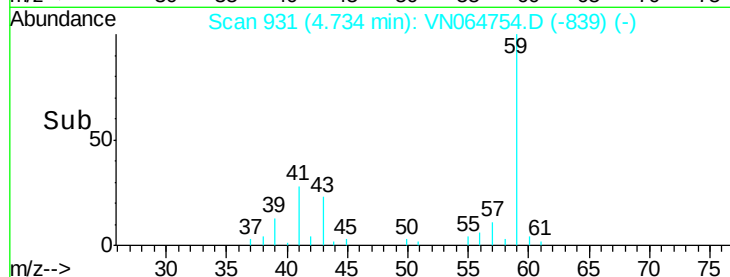
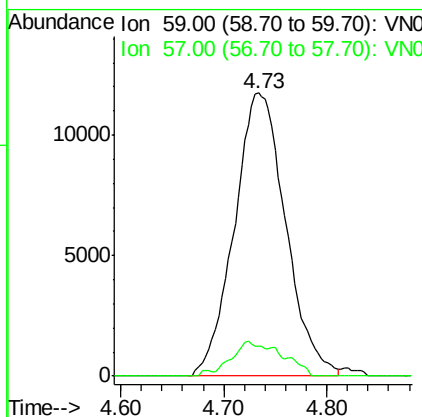
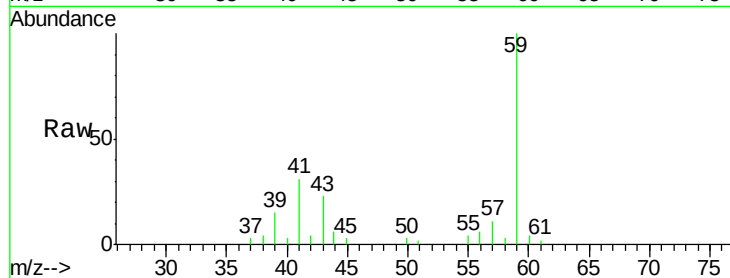
Tert butyl alcohol
Concen: 94.256 ug/l
RT: 4.73 min Scan# 931
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	40671		
57	6.4	9.1	13.7#	

Manual Integrations
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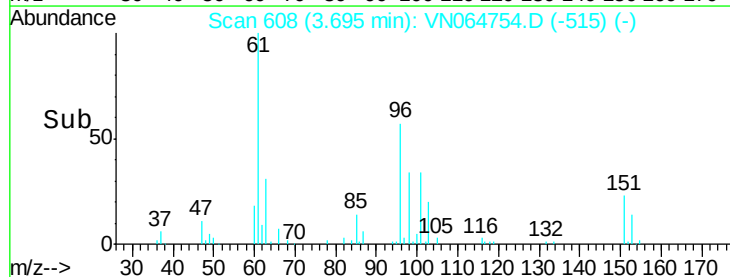
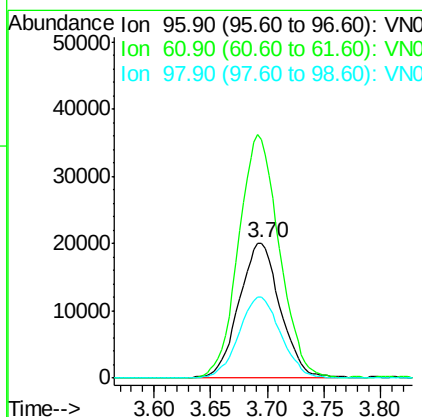
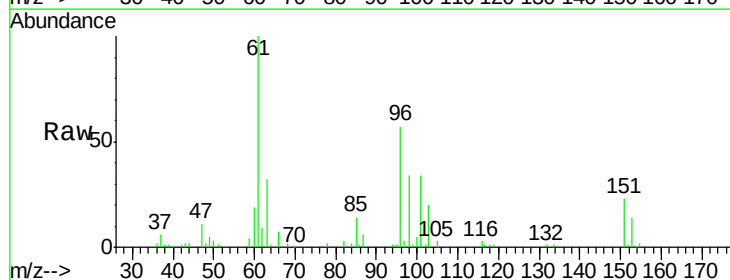
MMDadoda
11/24/2020 3:11:34 PM

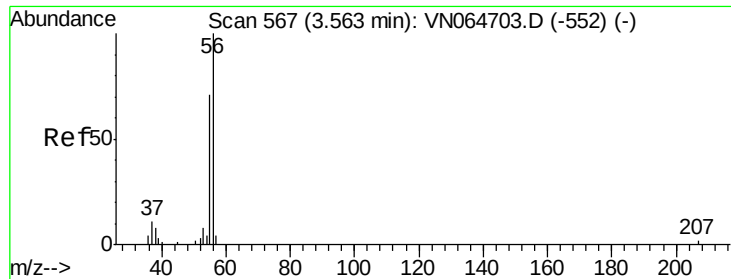


#12

1,1-Dichloroethene
Concen: 18.716 ug/l
RT: 3.70 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	50875		
61	176.3	139.1	208.7	
98	60.1	50.2	75.2	





#13

Acrolein

Concen: 81.951 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion: 56 Resp: 8279

Ion Ratio Lower Upper

56 100

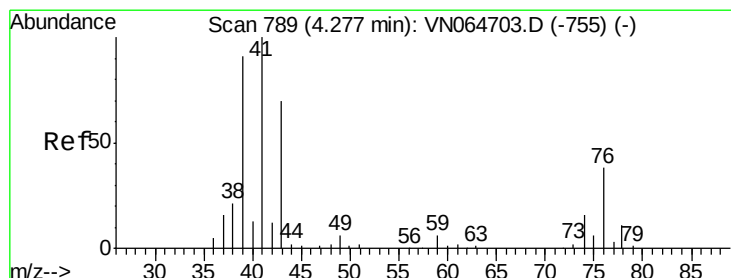
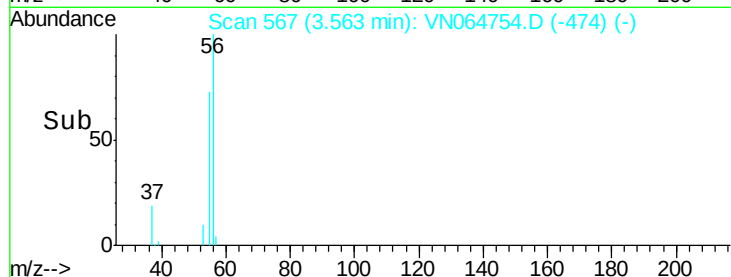
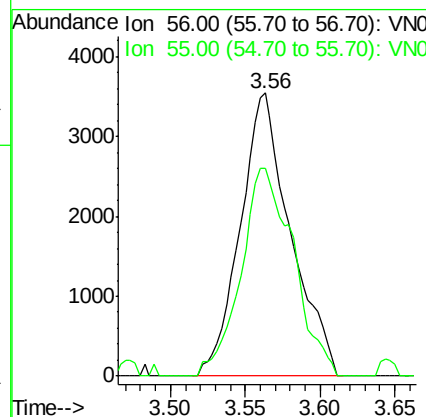
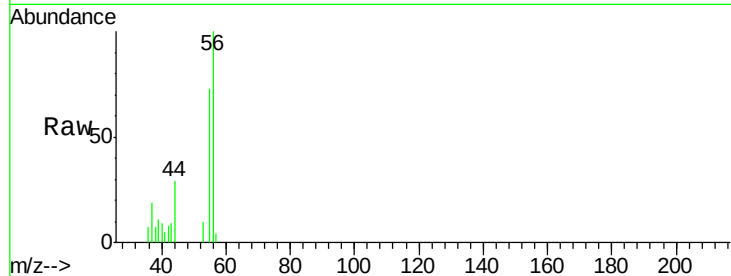
55 76.6 61.8 92.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.012 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

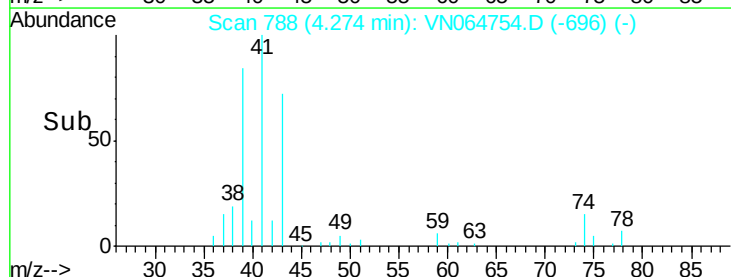
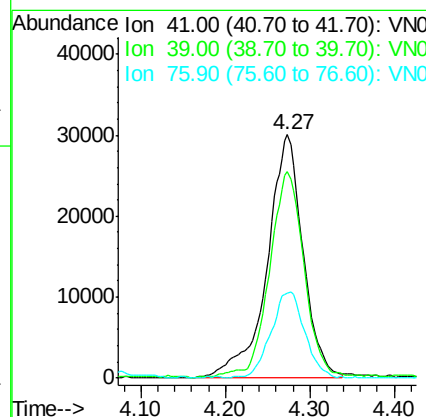
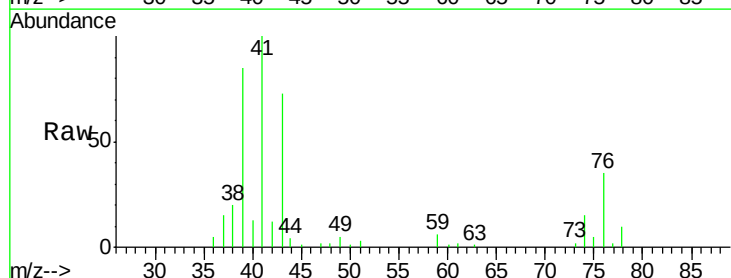
Tgt Ion: 41 Resp: 88735

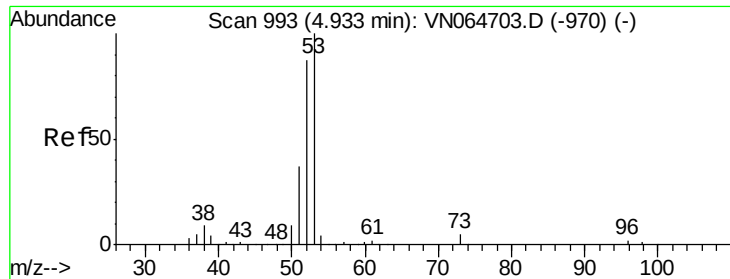
Ion Ratio Lower Upper

41 100

39 78.1 66.1 99.1

76 33.3 26.6 40.0





#15

Acrylonitrile

Concen: 92.831 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

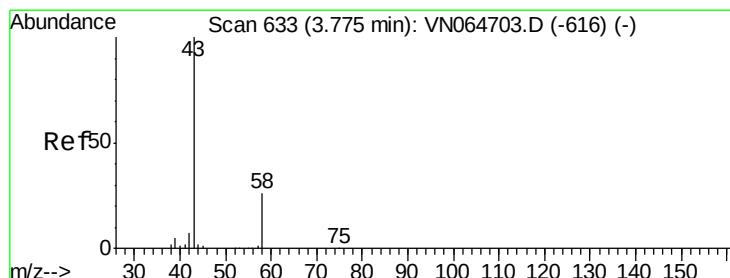
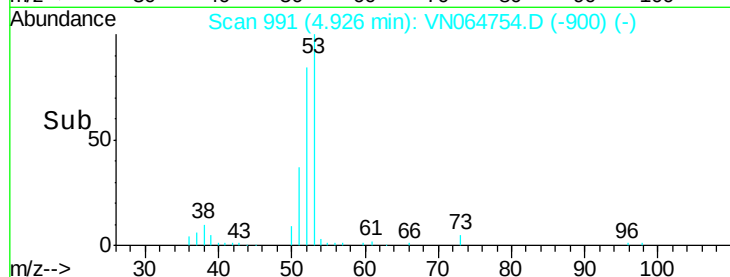
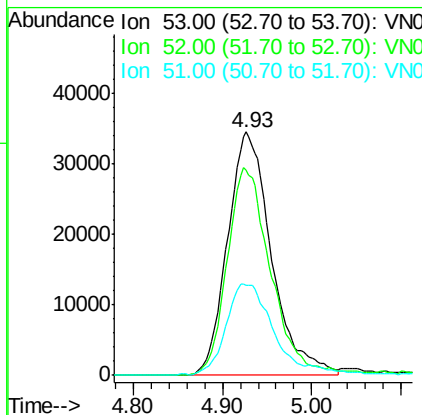
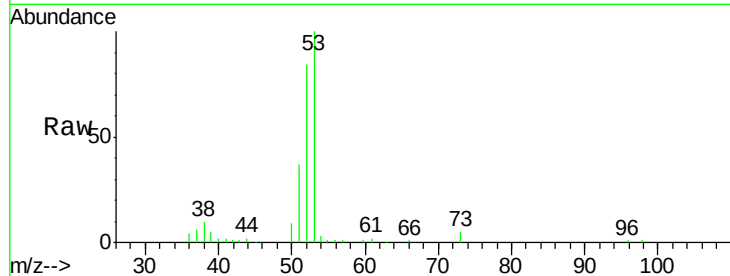
ClientSampleId :

VN1119WBS02

Tot Ion:	53	Resp:	117619
Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.2	100.8
51	38.8	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 109.479 ug/l

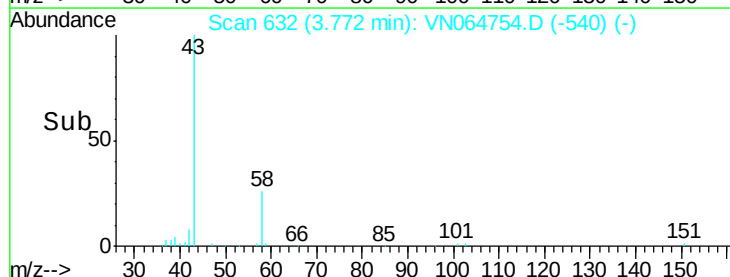
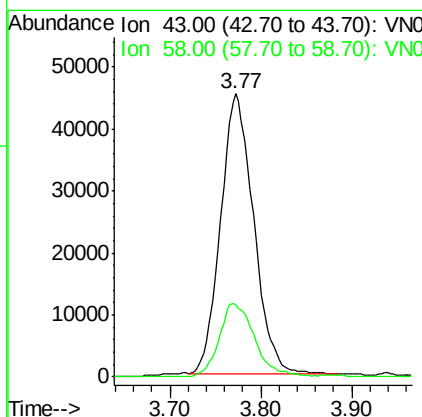
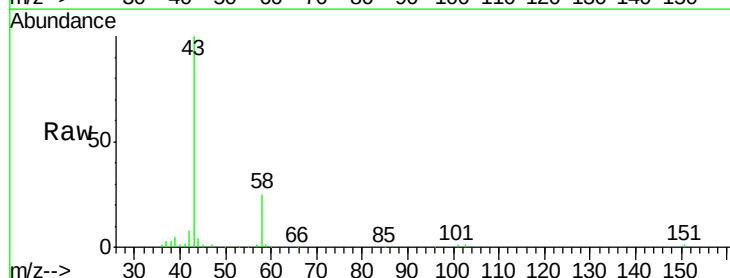
RT: 3.77 min Scan# 632

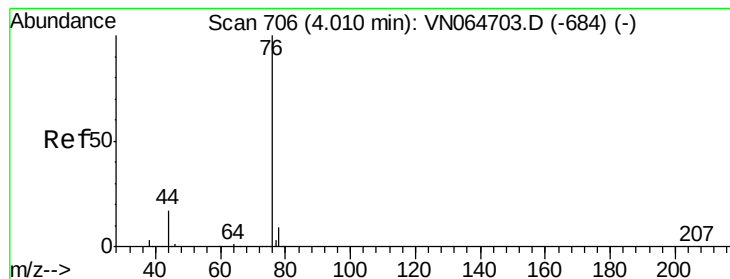
Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Tgt Ion:	43	Resp:	114685
Ion	Ratio	Lower	Upper
43	100		
58	25.7	21.2	31.8





#17

Carbon Disulfide

Concen: 19.150 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion: 76 Resp: 150734

Ion Ratio Lower Upper

76 100

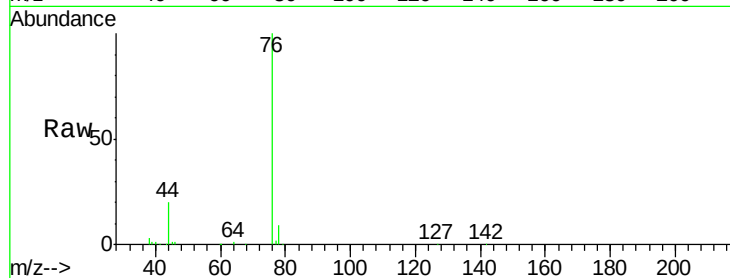
78 9.1 7.1 10.7

Manual Integrations

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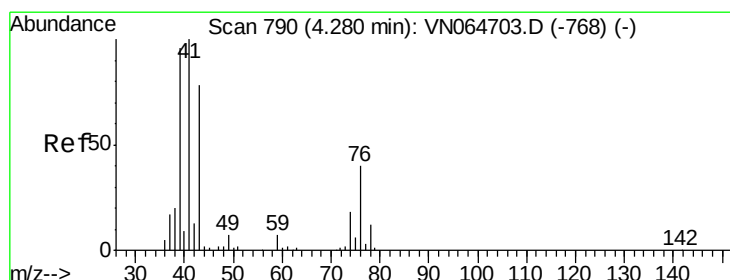
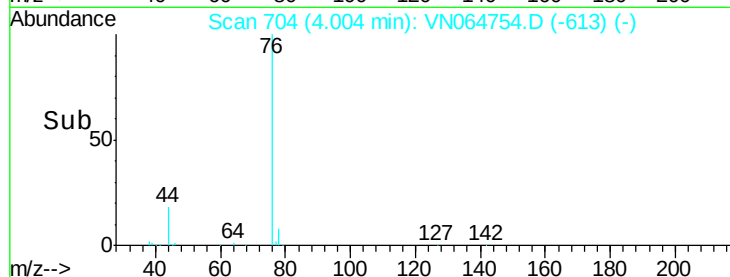
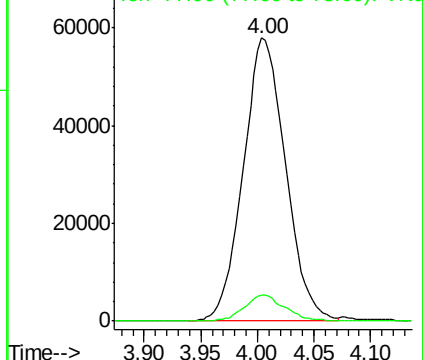
MMDadoda

11/24/2020 3:11:34 PM



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 19.494 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064754.D

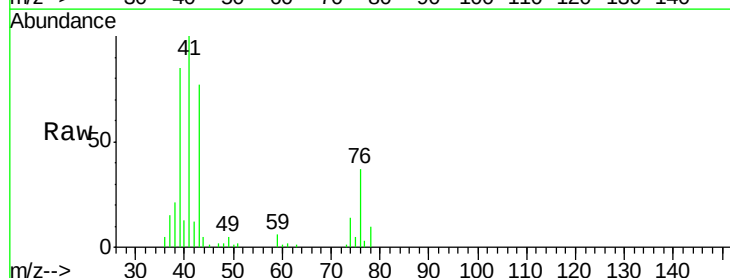
Acq: 20 Nov 2020 2:16

Tgt Ion: 43 Resp: 60897

Ion Ratio Lower Upper

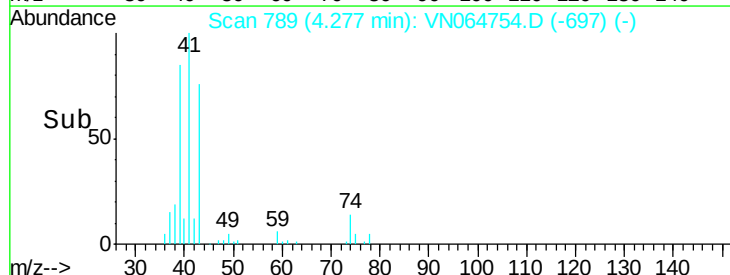
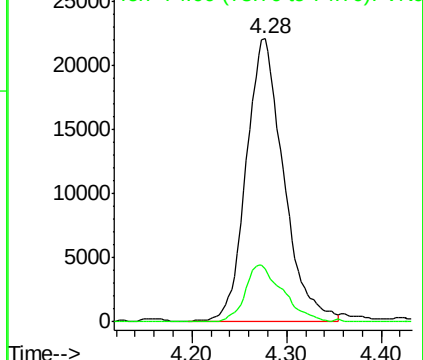
43 100

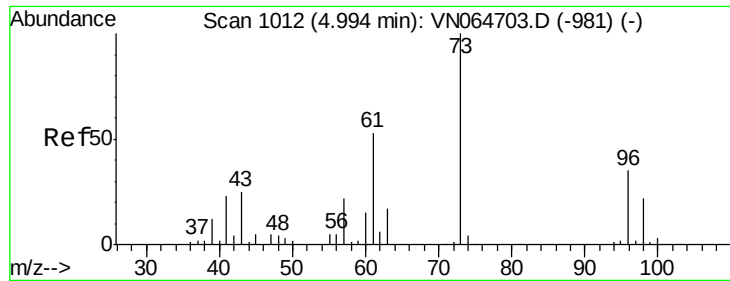
74 20.3 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





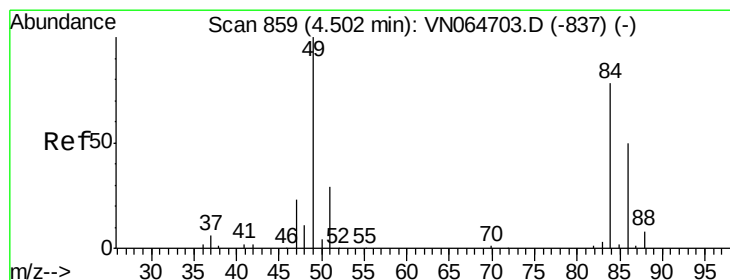
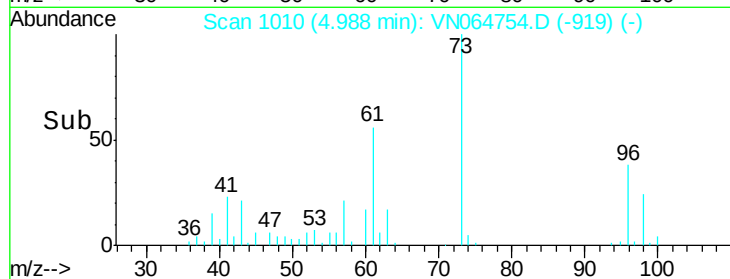
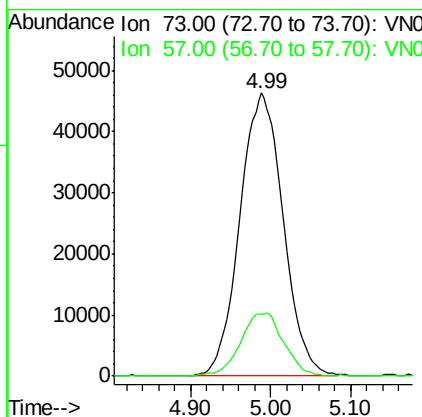
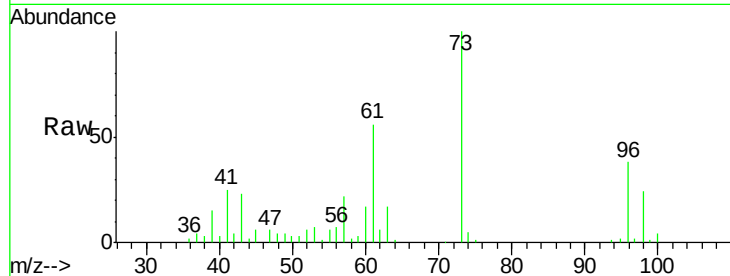
#19
Methyl tert-butyl Ether
Concen: 18.795 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion: 73 Resp: 170947
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

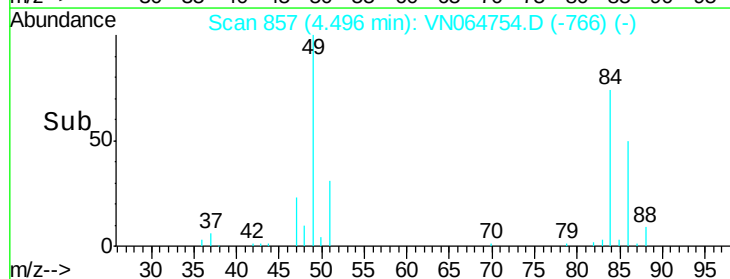
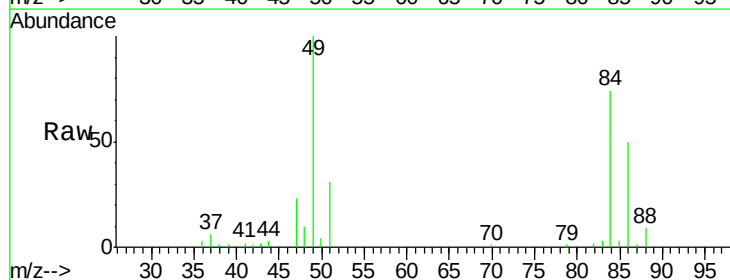
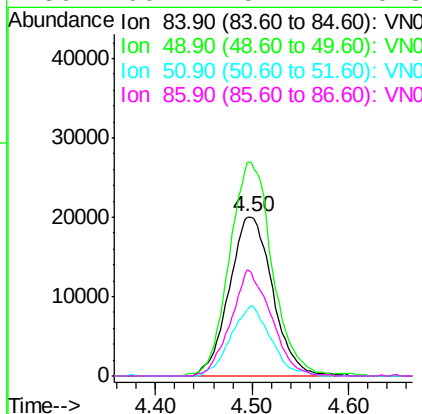
Manual Integrations
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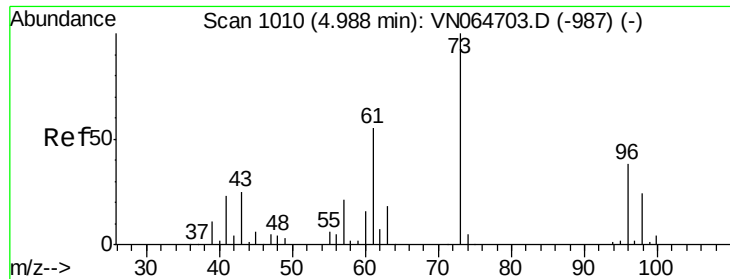
MMDadoda
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#20
Methylene Chloride
Concen: 18.973 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion: 84 Resp: 62489
Ion Ratio Lower Upper
84 100
49 133.2 102.4 153.6
51 41.8 29.4 44.2
86 66.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.617 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion: 96 Resp: 56465

Ion Ratio Lower Upper

96 100

61 143.7 117.9 176.9

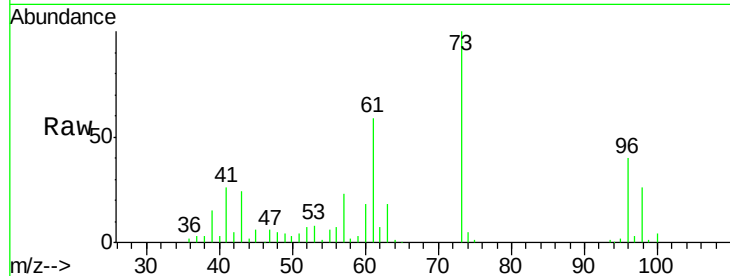
98 63.1 51.1 76.7

Manual Integrations

APPROVED

MMDadoda

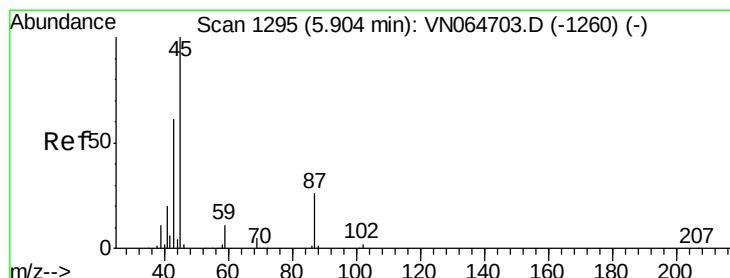
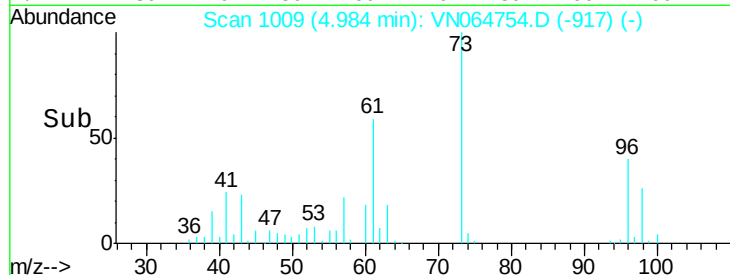
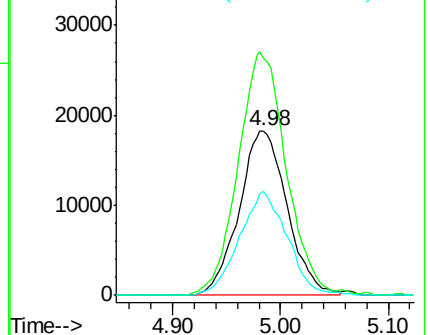
11/24/2020 3:11:34 PM



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.416 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Tgt Ion: 45 Resp: 191376

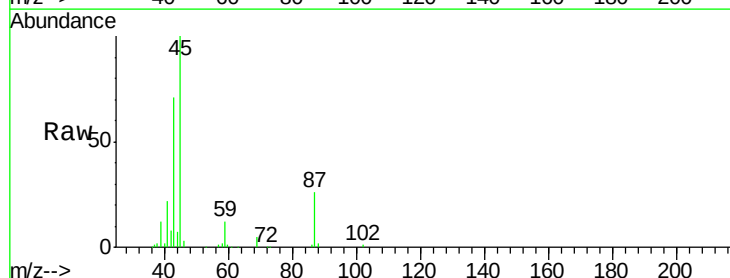
Ion Ratio Lower Upper

45 100

43 68.6 52.3 78.5

87 26.1 21.6 32.4

59 11.7 8.7 13.1

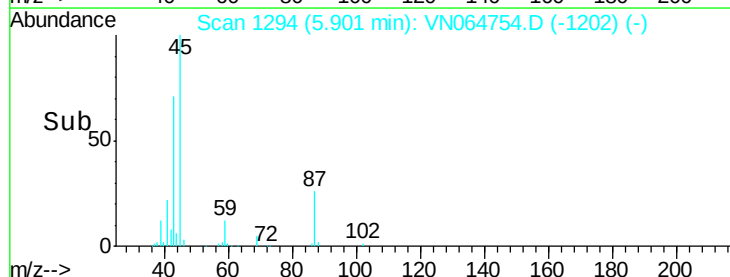
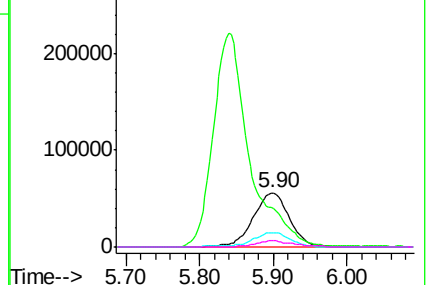


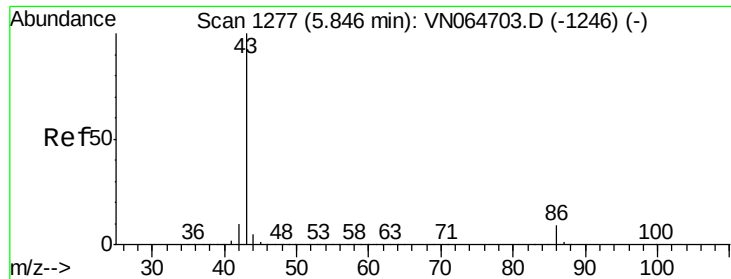
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





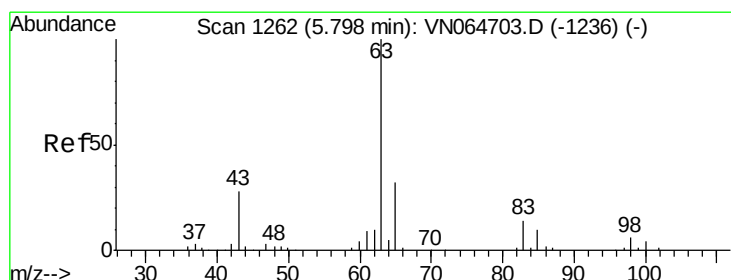
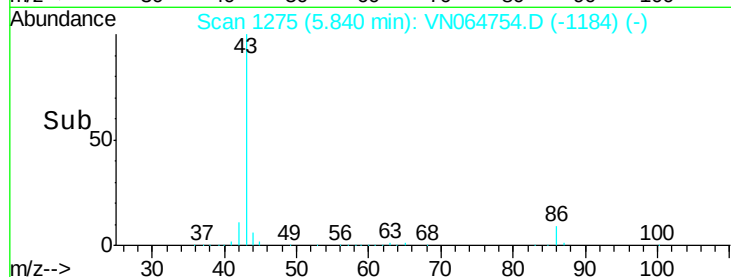
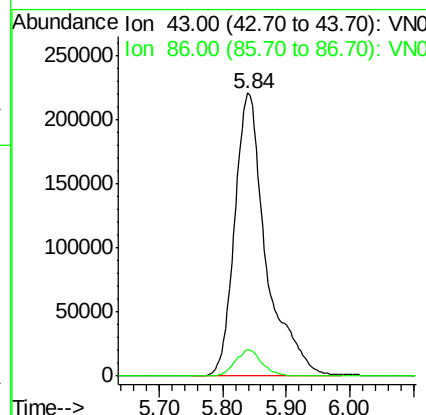
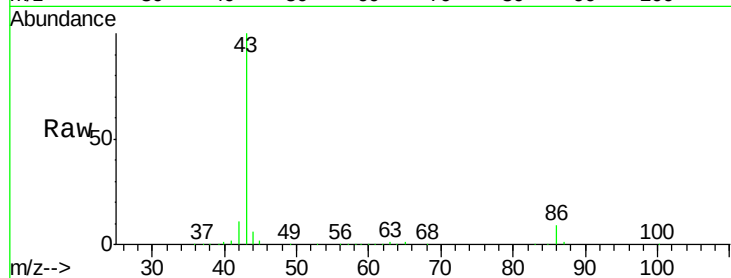
#23
 Vinyl Acetate
 Concen: 95.218 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion	43	Resp	757420
Ion Ratio	100	Lower	Upper
43	100		
86	9.3	7.4	11.0

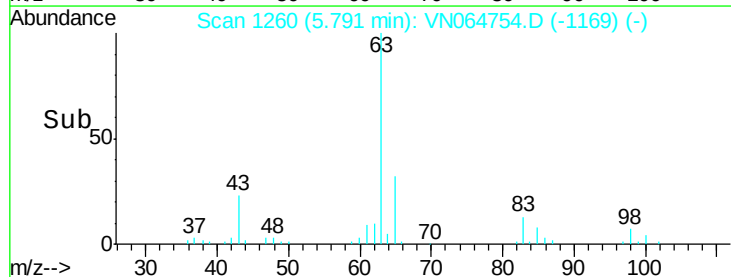
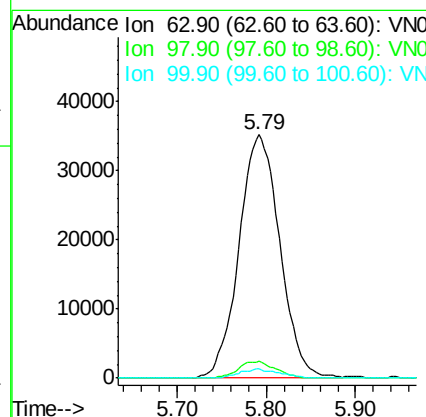
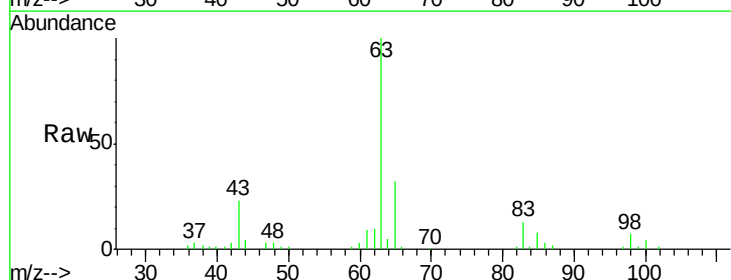
Manual Integrations
 APPROVED

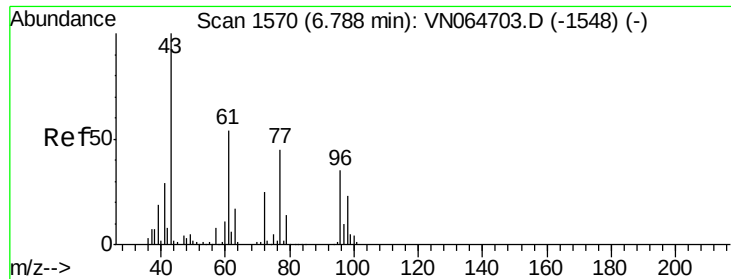
MMDadoda
 11/24/2020 3:11:34 PM



#24
 1,1-Dichloroethane
 Concen: 19.360 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion	63	Resp	111799
Ion Ratio	100	Lower	Upper
63	100		
98	6.7	3.2	9.6
100	3.8	1.9	5.7





#25

2-Butanone

Concen: 96.691 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion: 43 Resp: 164418

Ion Ratio Lower Upper

43 100

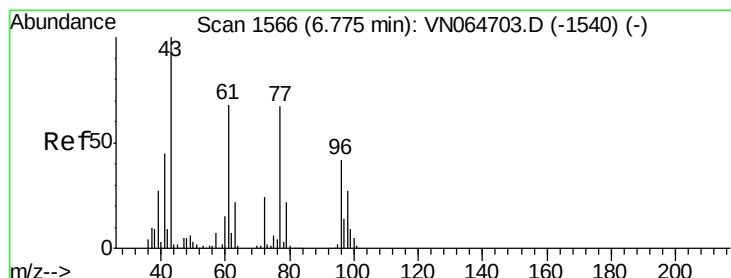
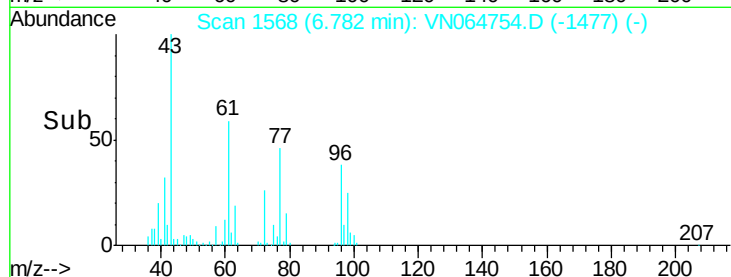
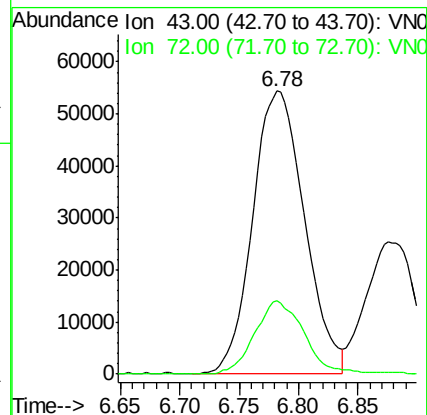
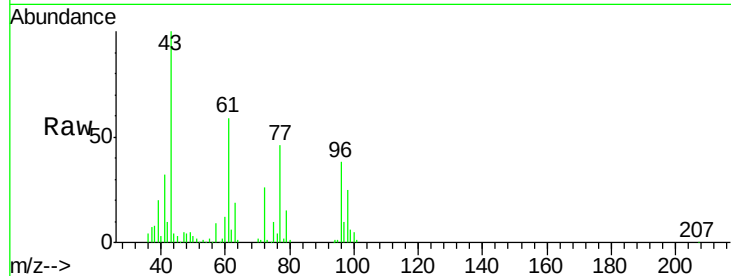
72 25.9 19.7 29.5

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:11:34 PM



#26

2,2-Dichloropropane

Concen: 17.107 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064754.D

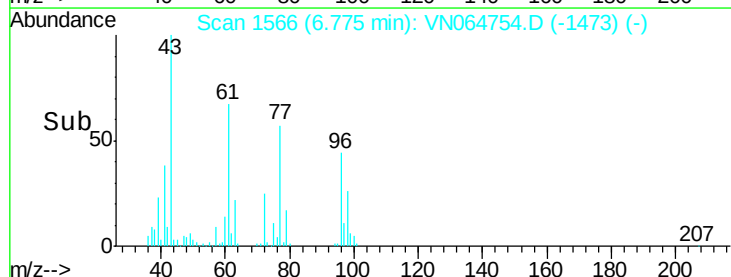
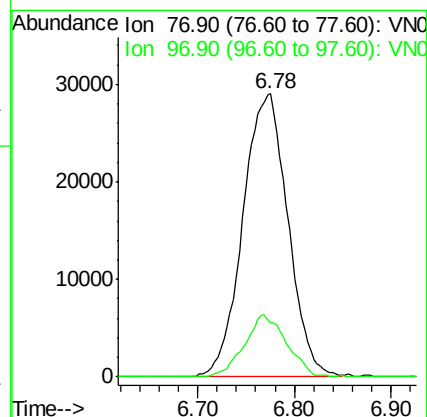
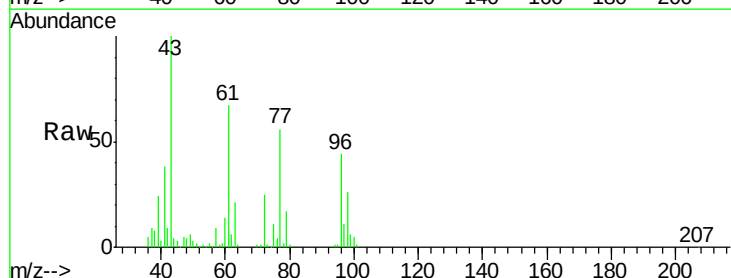
Acq: 20 Nov 2020 2:16

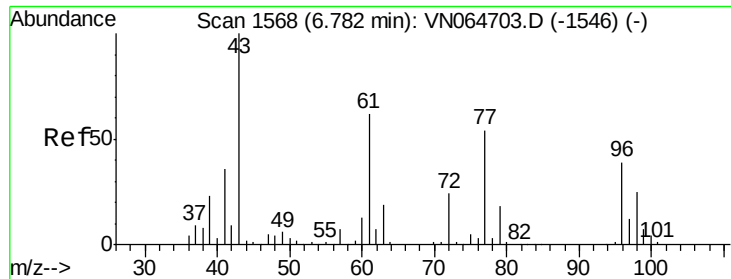
Tgt Ion: 77 Resp: 93870

Ion Ratio Lower Upper

77 100

97 20.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.430 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

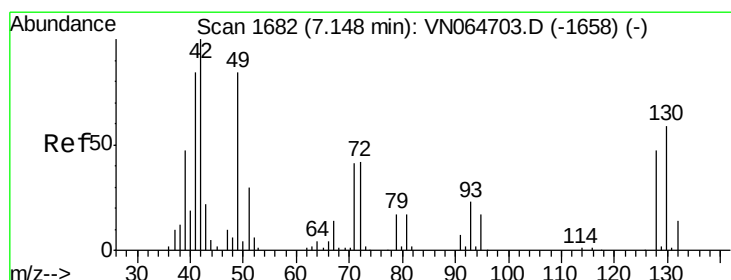
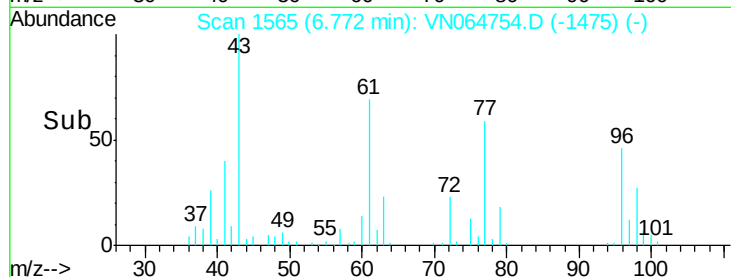
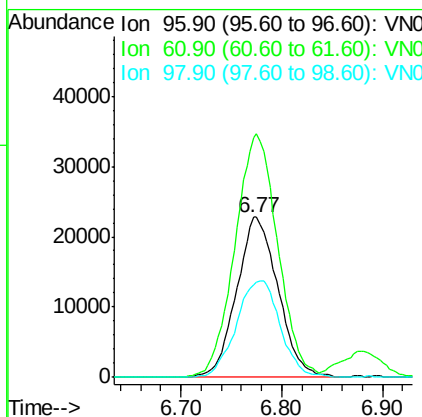
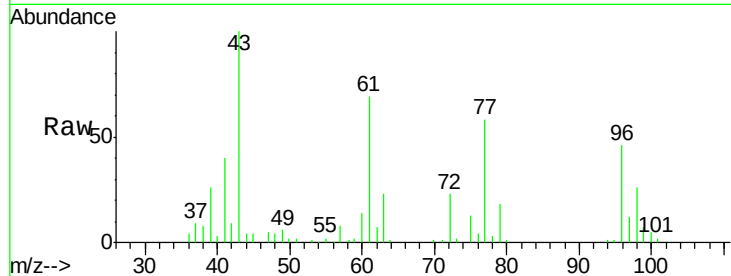
ClientSampleId :

VN1119WBS02

Tot Ion:	96	Resp:	64970
Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	322.6
98	63.7	0.0	128.6

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#28

Bromochloromethane

Concen: 19.476 ug/l

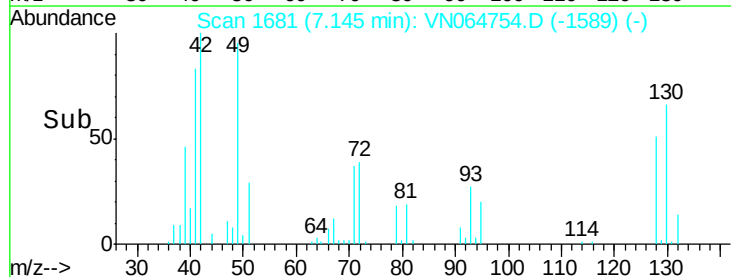
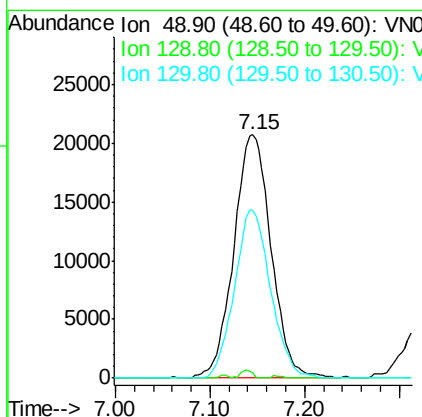
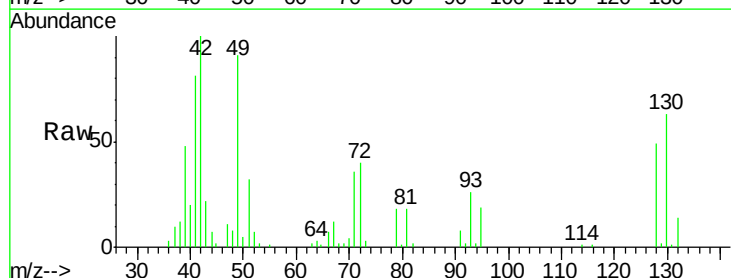
RT: 7.15 min Scan# 1681

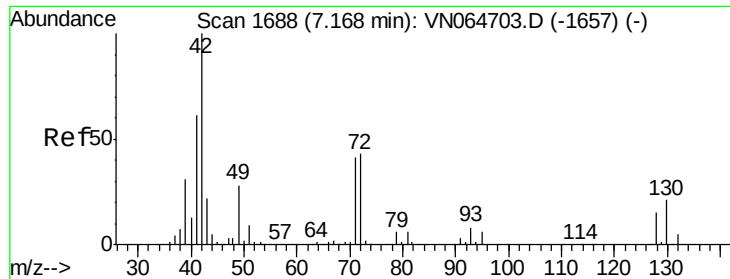
Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Tgt Ion:	49	Resp:	56709
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	66.9	56.2	84.4





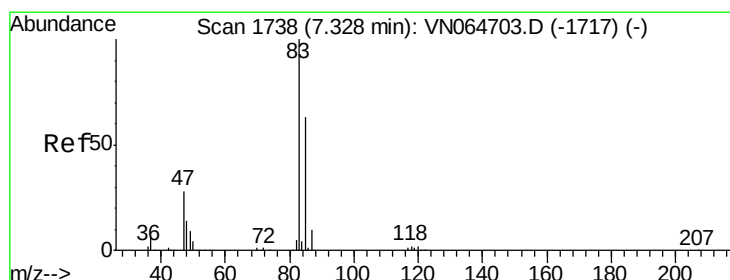
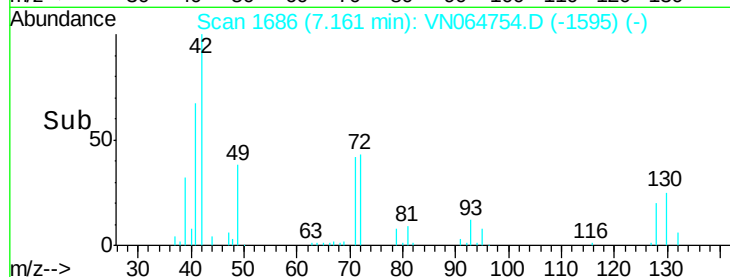
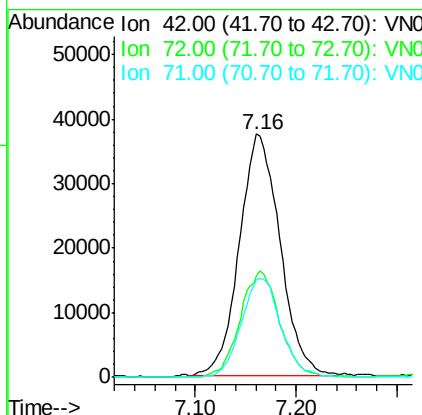
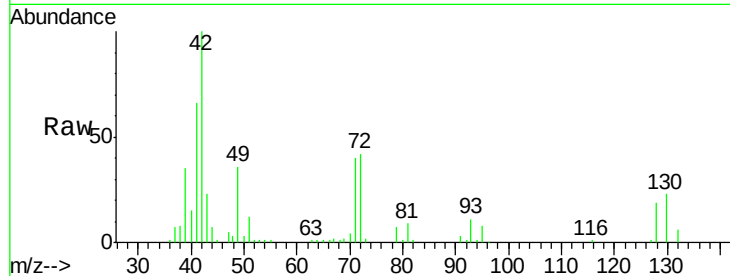
#29
Tetrahydrofuran
Concen: 90.549 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	33.0	49.4
71	40.2	31.8	47.6

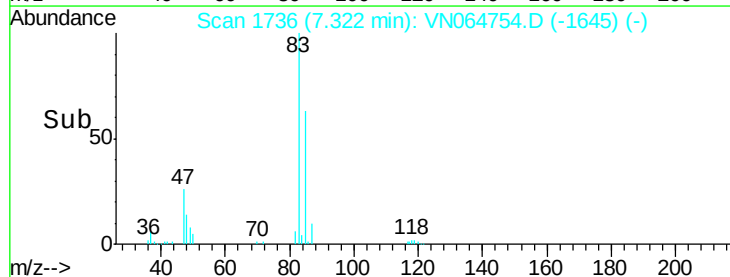
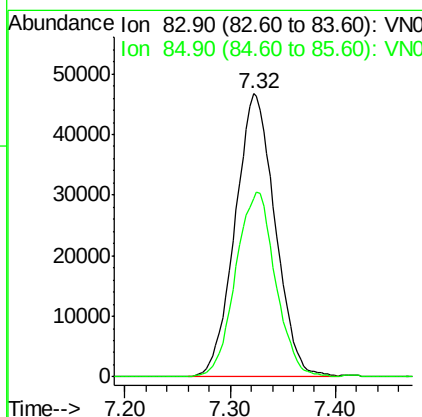
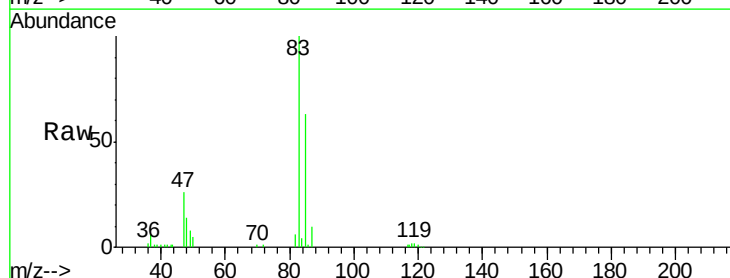
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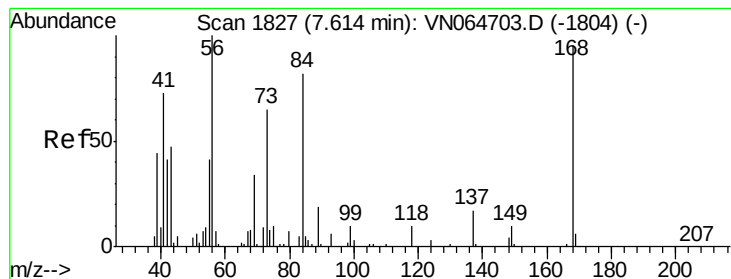
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#30
Chloroform
Concen: 19.636 ug/l
RT: 7.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	75.8





#31

Cyclohexane

Concen: 18.487 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

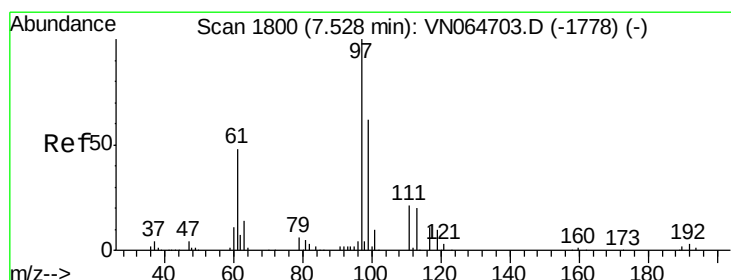
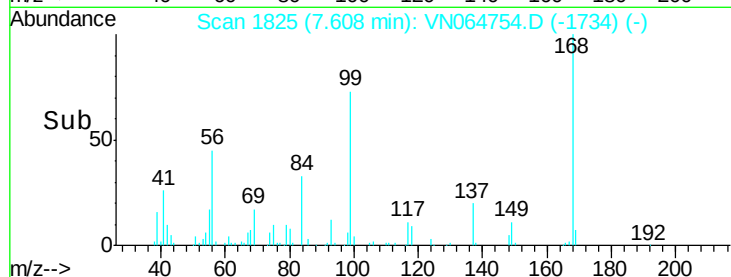
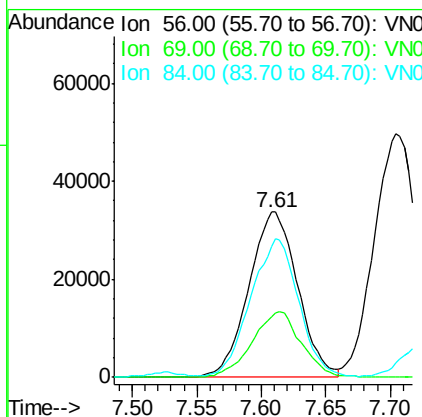
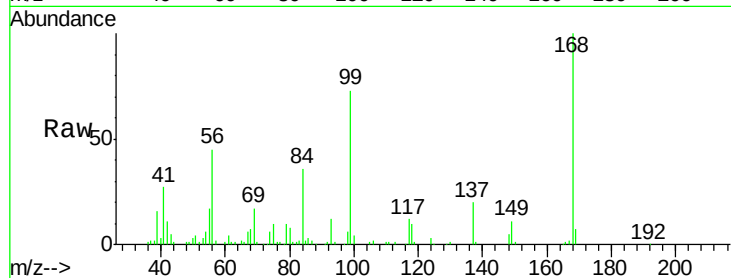
ClientSampleId :

VN1119WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		88893		
69	36.9	27.2	40.8		
84	78.1	65.9	98.9		

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#32

1,1,1-Trichloroethane

Concen: 19.317 ug/l

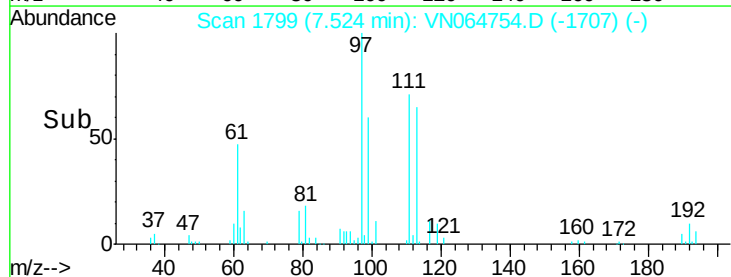
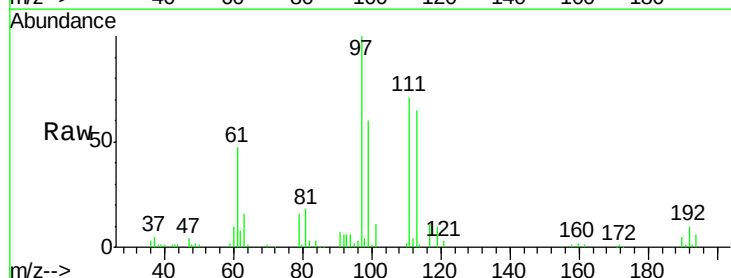
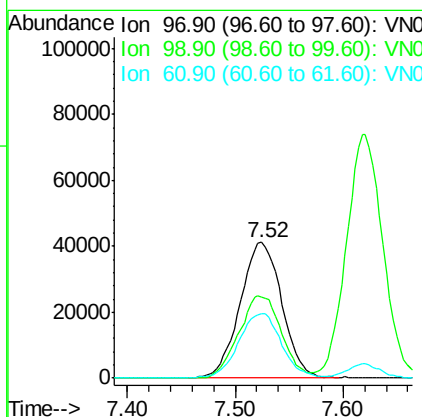
RT: 7.52 min Scan# 1799

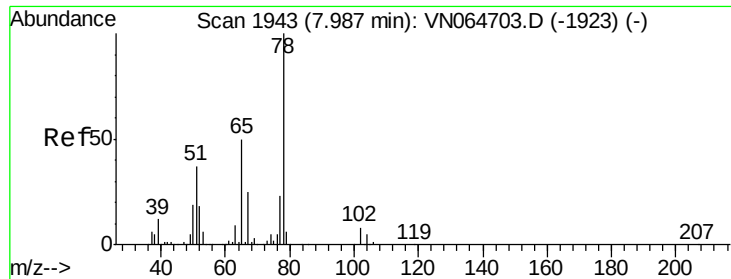
Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		110800		
99	61.7	50.6	76.0		
61	48.6	38.3	57.5		





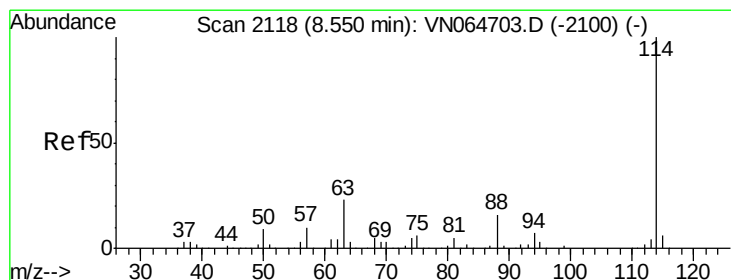
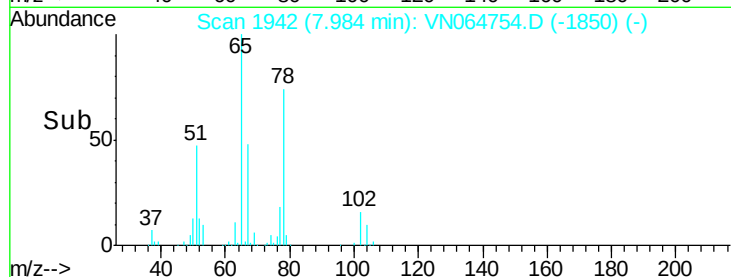
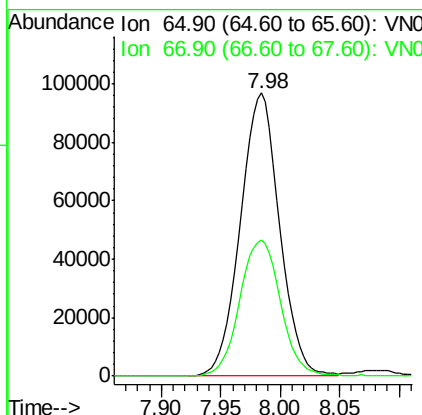
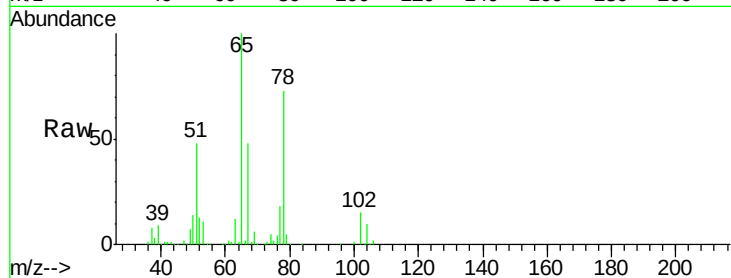
#33
 1,2-Dichloroethane-d4
 Concen: 49.727 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion: 65 Resp: 221168
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.8

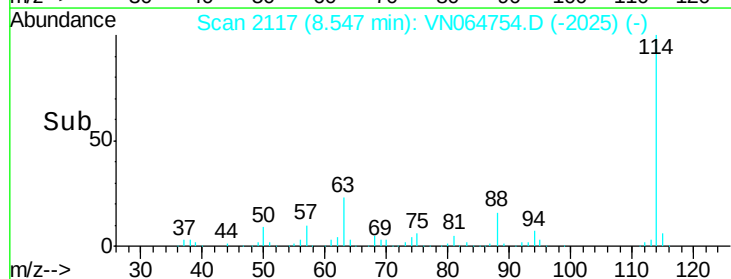
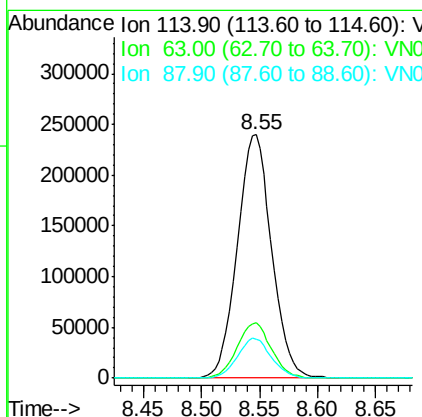
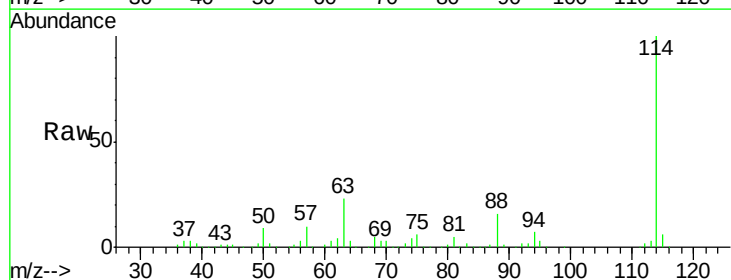
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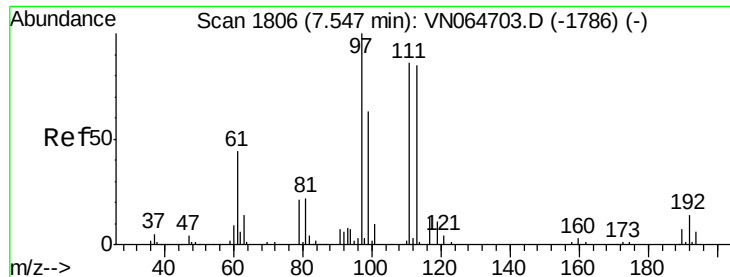
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion: 114 Resp: 492230
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.0
 88 16.2 0.0 31.2





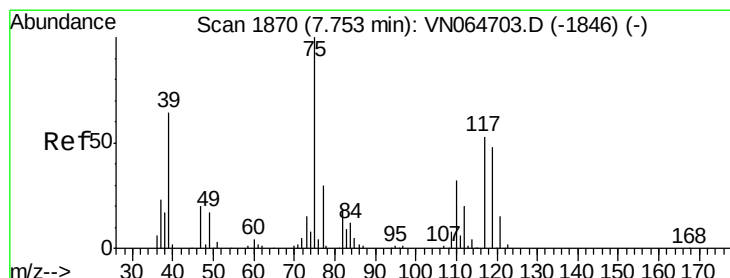
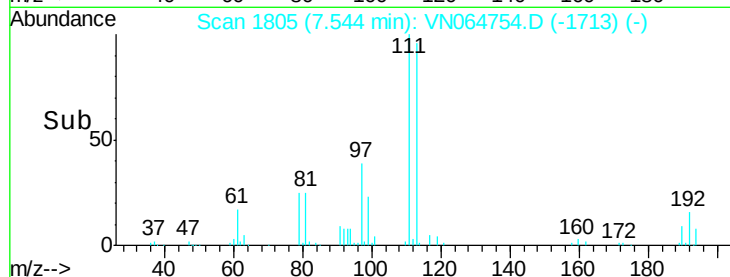
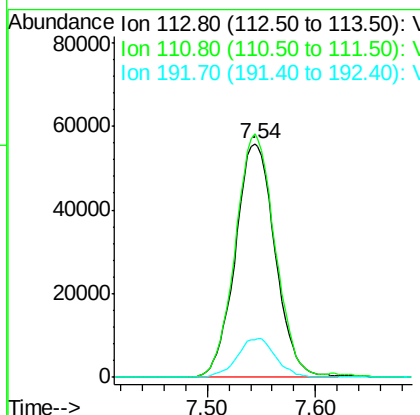
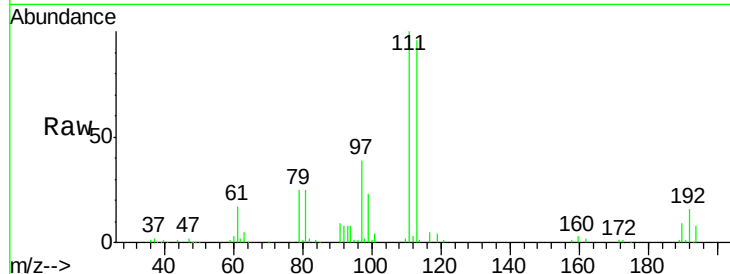
#35
 Dibromofluoromethane
 Concen: 51.191 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	143420		
111	103.8	82.2	123.4	
192	16.2	12.7	19.1	

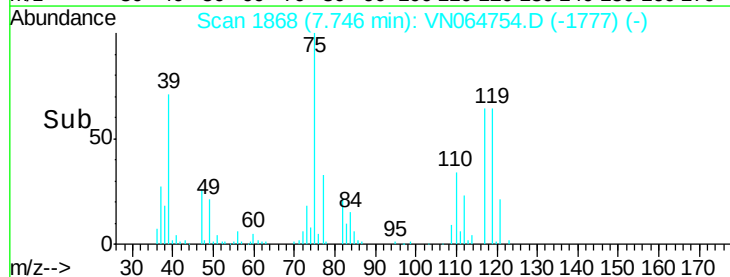
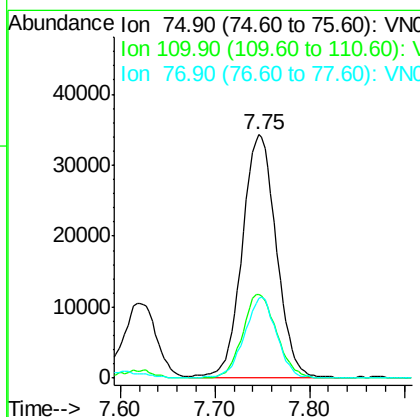
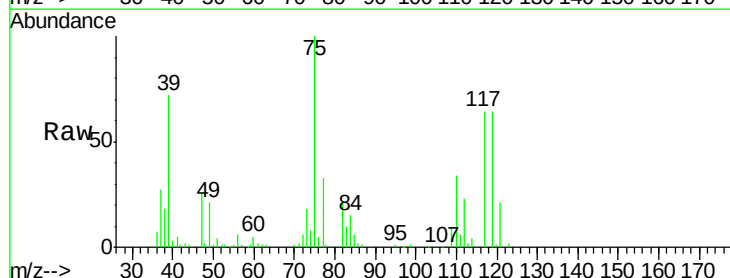
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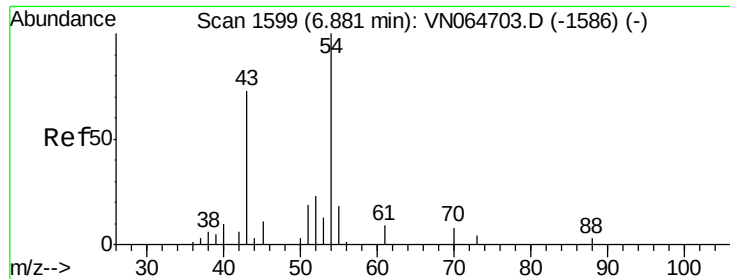
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 17.020 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	86192		
110	34.0	16.2	48.6	
77	31.2	24.4	36.6	





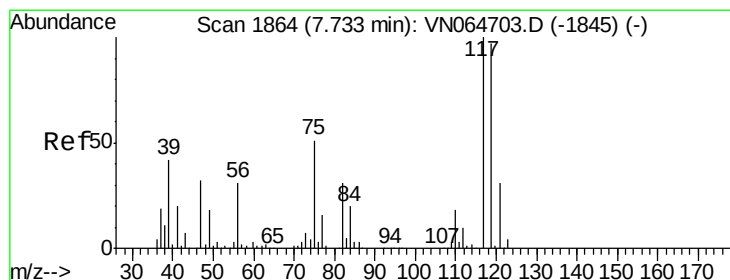
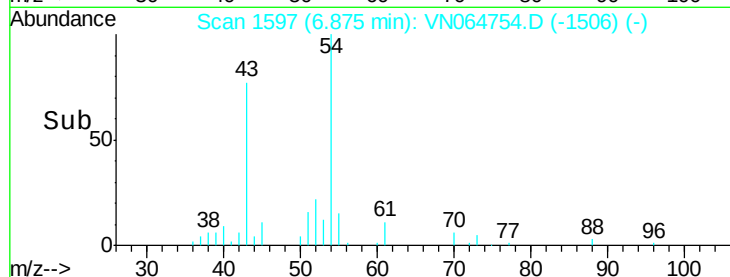
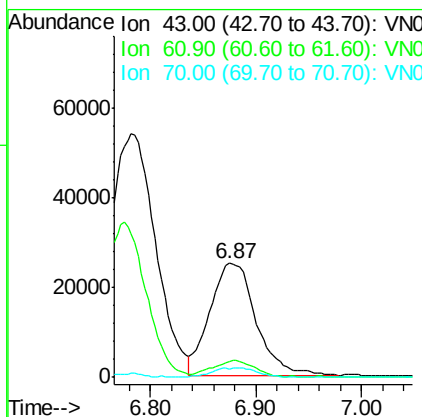
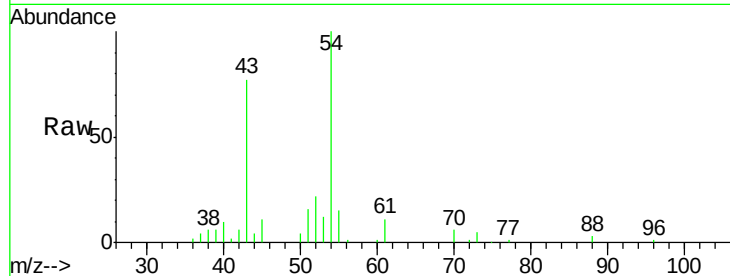
#37
Ethyl Acetate
Concen: 18.073 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	8.2	7.6	11.4

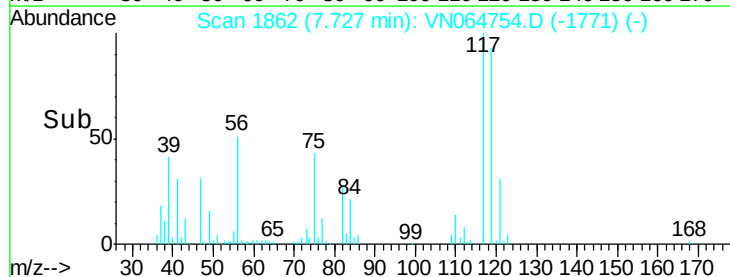
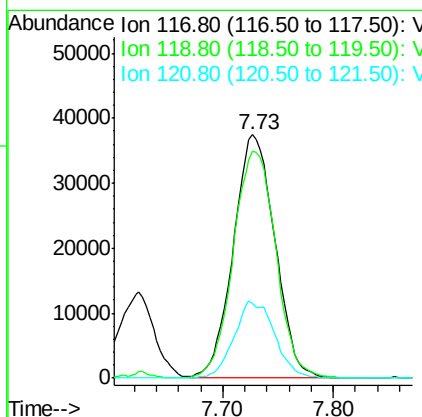
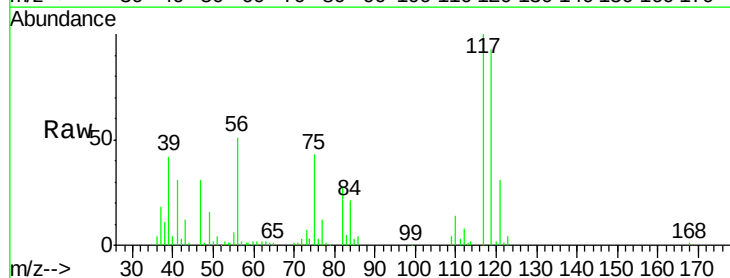
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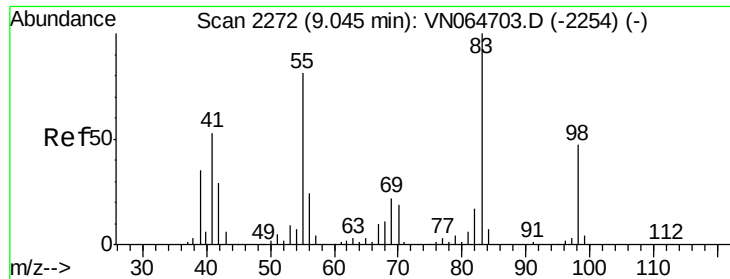
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#38
Carbon Tetrachloride
Concen: 18.248 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.8	116.6
121	30.6	24.9	37.3





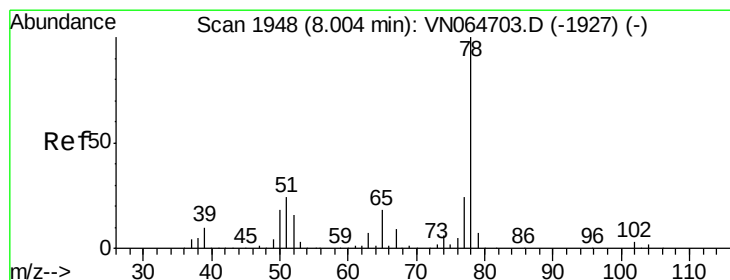
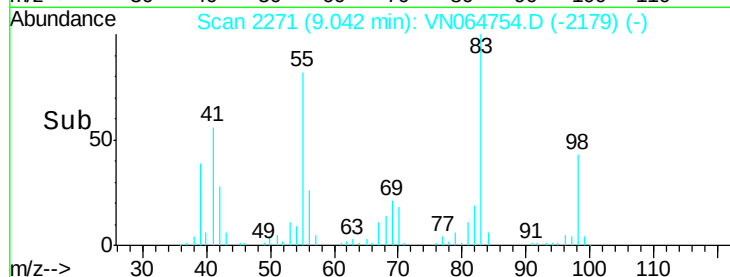
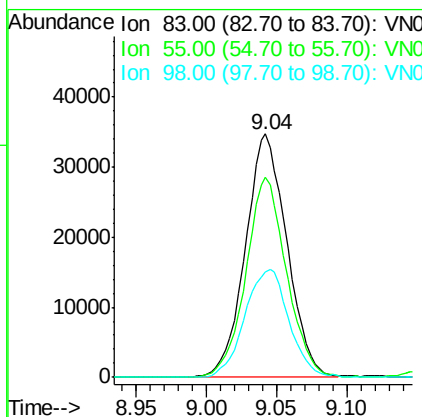
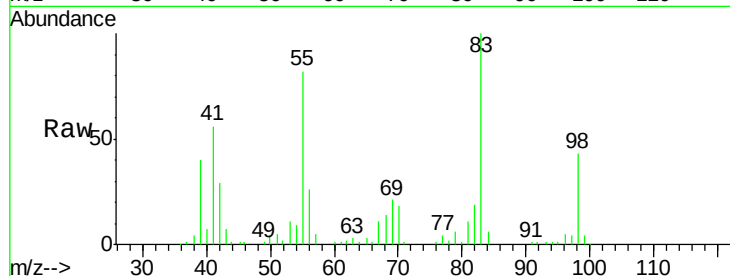
#39
Methylvlcyclohexane
Concen: 15.914 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	83.00	Resp	71409
Ion	Ratio	Lower	Upper
83	100		
55	82.0	64.6	97.0
98	43.2	37.7	56.5

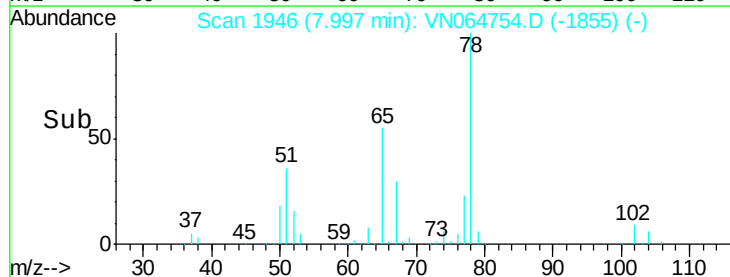
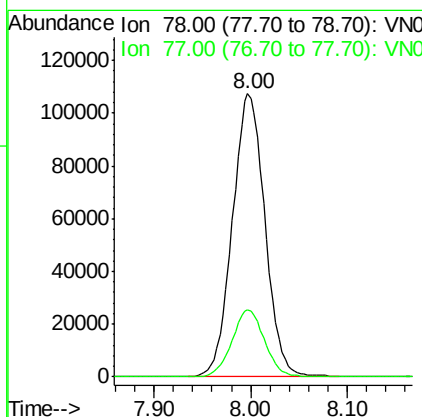
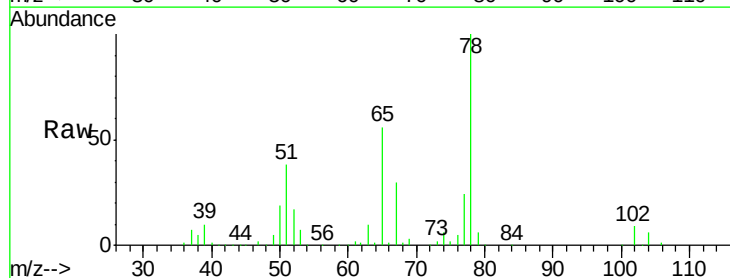
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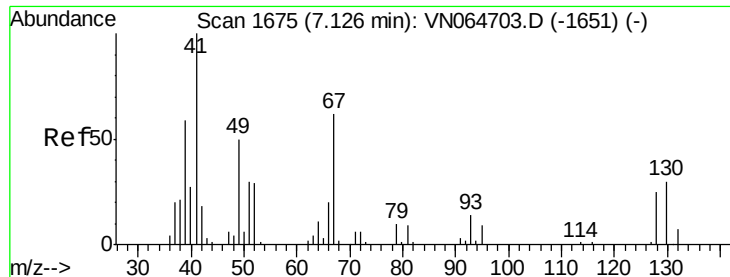
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#40
Benzene
Concen: 17.763 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	78.00	Resp	250636
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





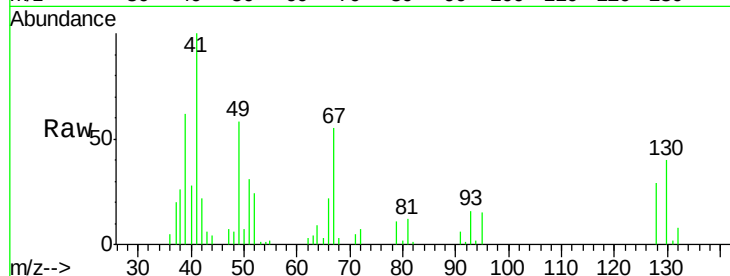
#41
Methacrylonitrile
Concen: 18.573 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

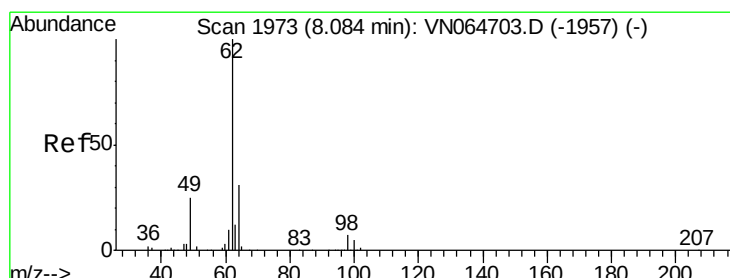
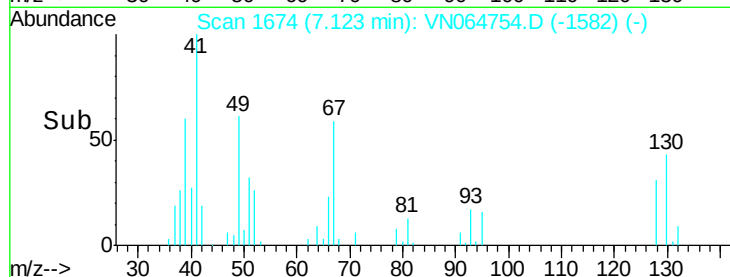
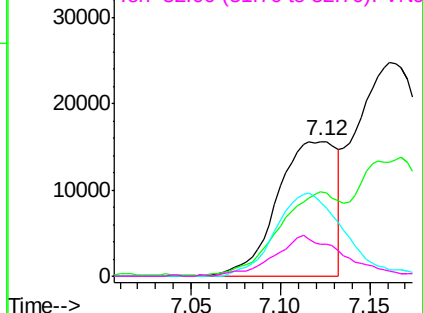
Tot Ion	41	Resp	36097
Ion Ratio	Lower	Upper	
41	100		
39	65.6	46.0	69.0
67	73.1	67.0	100.4
52	35.8	31.7	47.5

Manual Integrations
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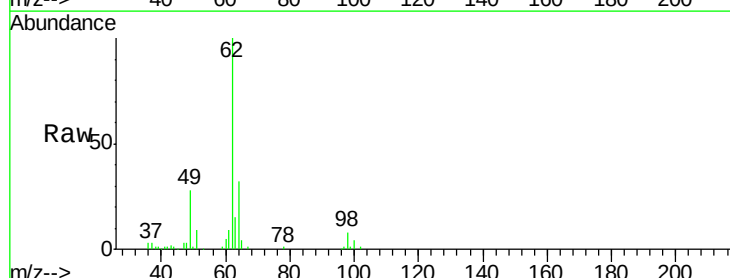


Abundance Ion 41.00 (40.70 to 41.70): VN064703.D (-1651) (-)
Ion 39.00 (38.70 to 39.70): VN064703.D (-1651) (-)
Ion 67.00 (66.70 to 67.70): VN064703.D (-1651) (-)
Ion 52.00 (51.70 to 52.70): VN064703.D (-1651) (-)

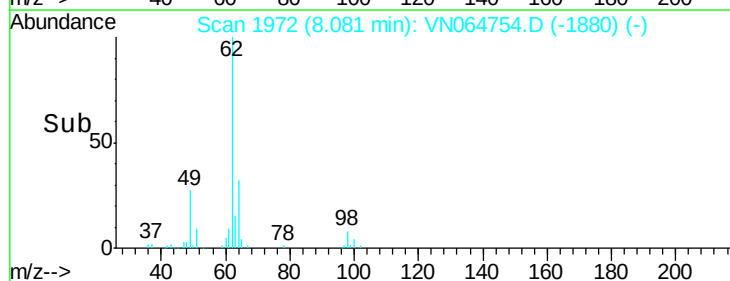
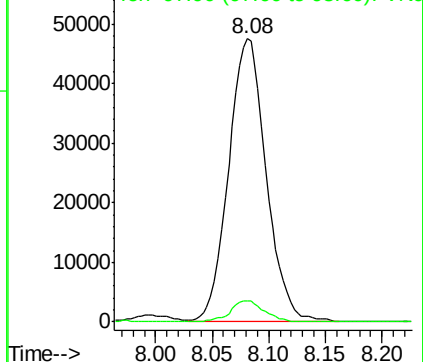


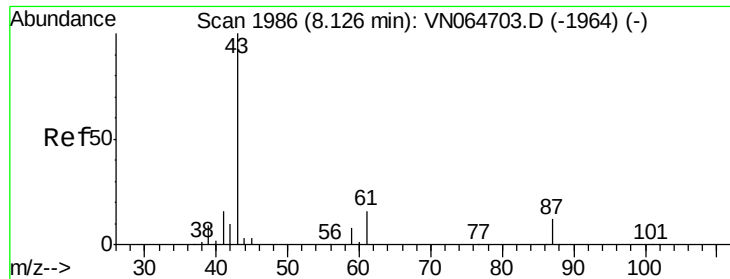
#42
1,2-Dichloroethane
Concen: 18.099 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	62	Resp	109878
Ion Ratio	Lower	Upper	
62	100		
98	6.8	0.0	13.6



Abundance Ion 61.90 (61.60 to 62.60): VN064703.D (-1957) (-)
Ion 97.90 (97.60 to 98.60): VN064703.D (-1957) (-)





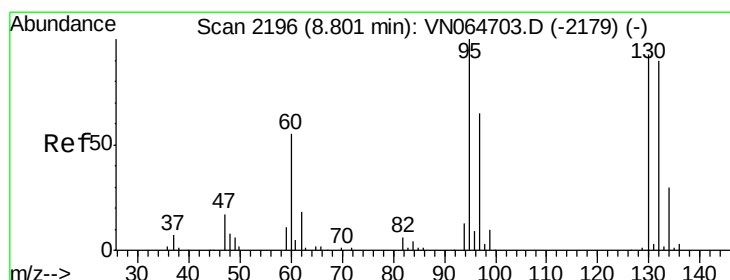
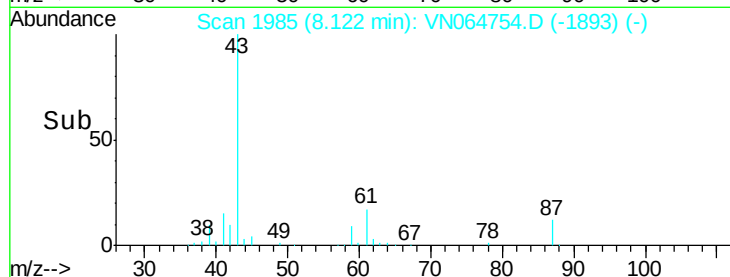
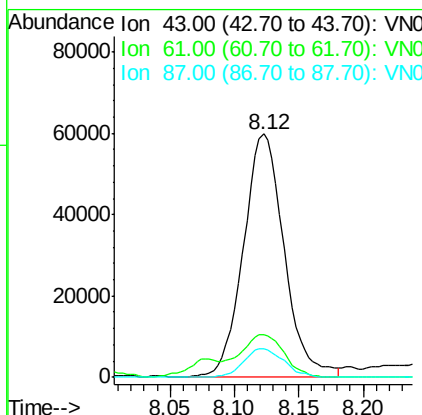
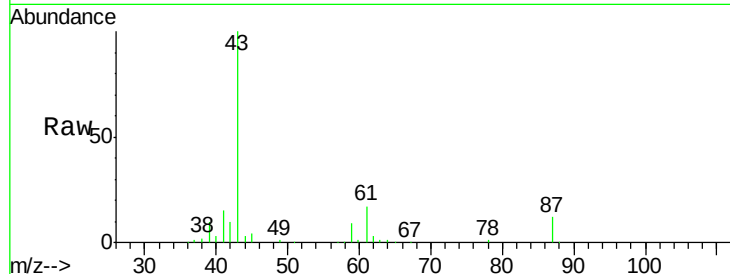
#43
Isopropyl Acetate
Concen: 15.962 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	43	Resp	131191
Ion Ratio	Lower	Upper	
43	100		
61	17.8	14.1	21.1
87	11.6	9.1	13.7

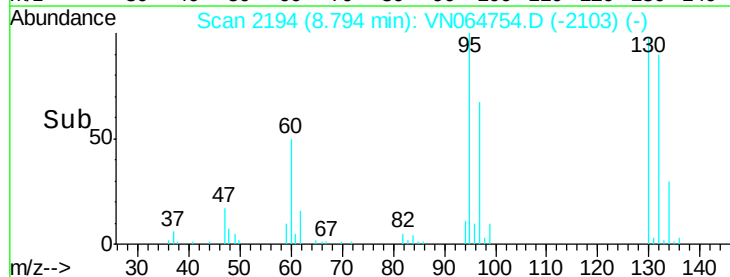
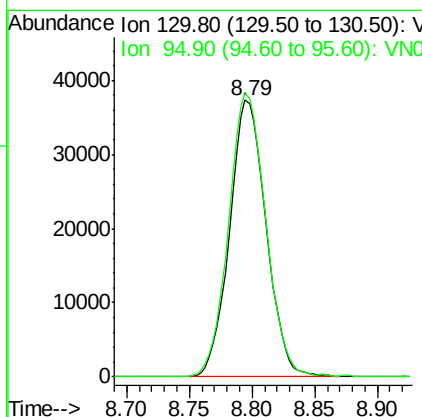
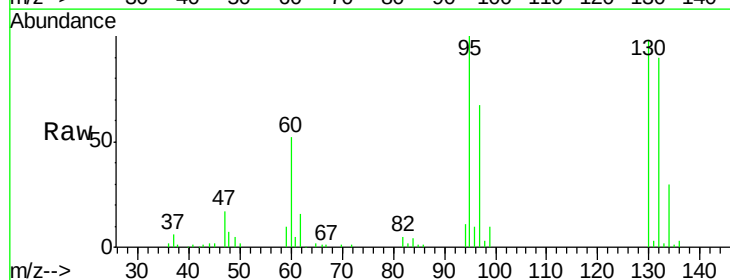
Manual Integrations
APPROVED

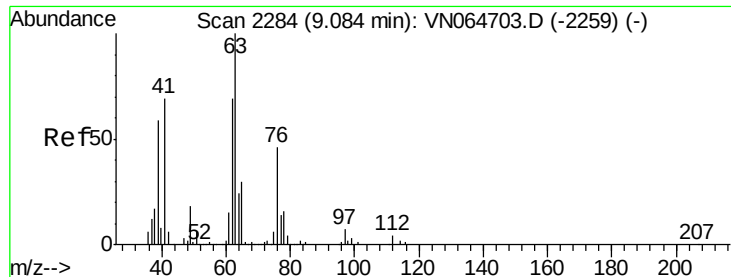
MMDadoda
11/24/2020 3:11:34 PM



#44
Trichloroethene
Concen: 18.632 ug/l
RT: 8.79 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	130	Resp	75447
Ion Ratio	Lower	Upper	
130	100		
95	102.2	0.0	214.2





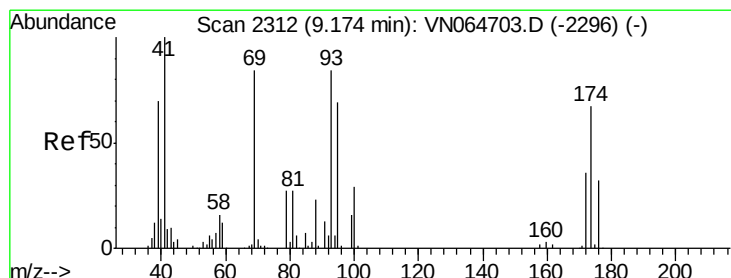
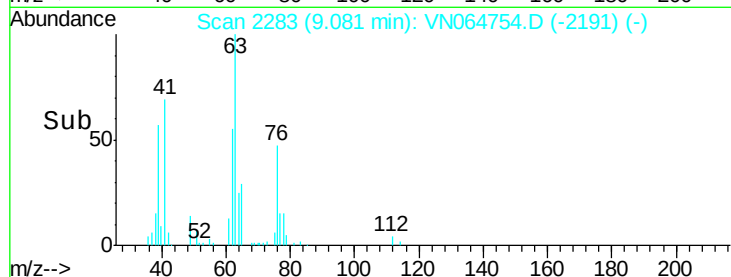
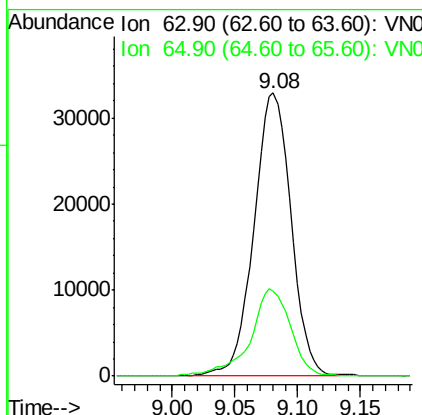
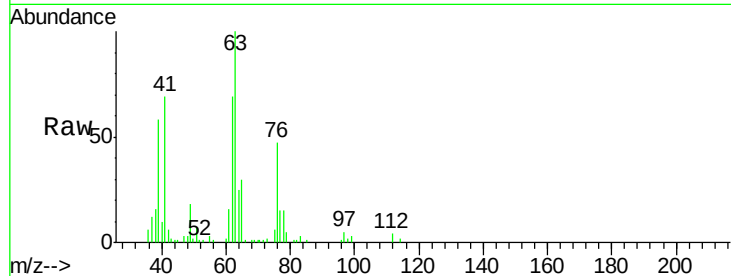
#45
 1,2-Dichloropropane
 Concen: 18.091 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion: 63 Resp: 68042
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.0 36.0

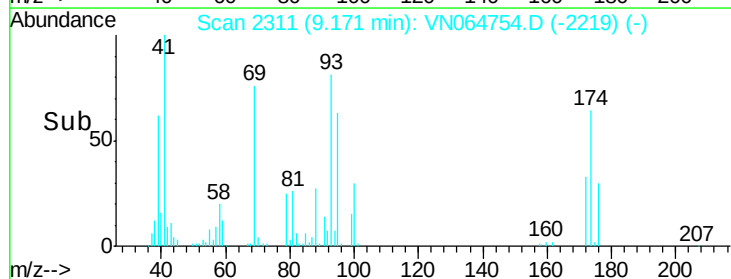
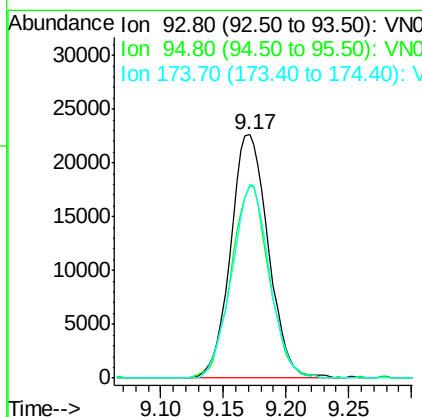
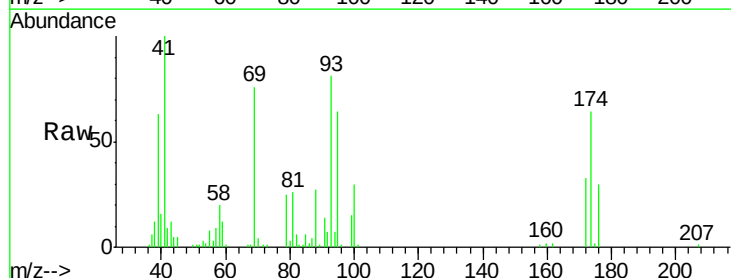
Manual Integrations
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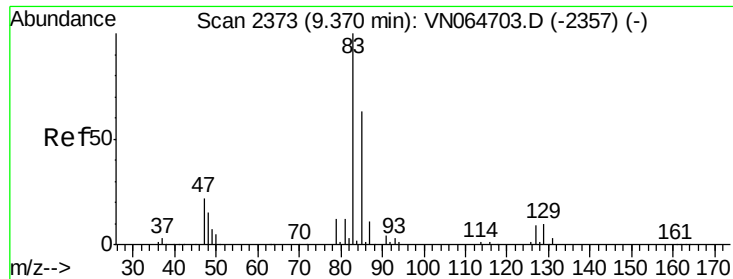
MMDadoda
 11/24/2020 3:11:34 PM



#46
 Dibromomethane
 Concen: 17.701 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion: 93 Resp: 47192
 Ion Ratio Lower Upper
 93 100
 95 79.8 64.6 97.0
 174 79.4 64.3 96.5





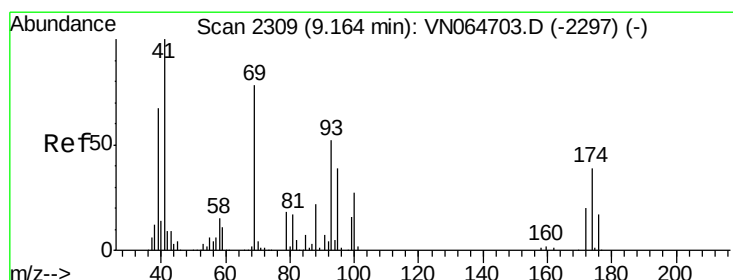
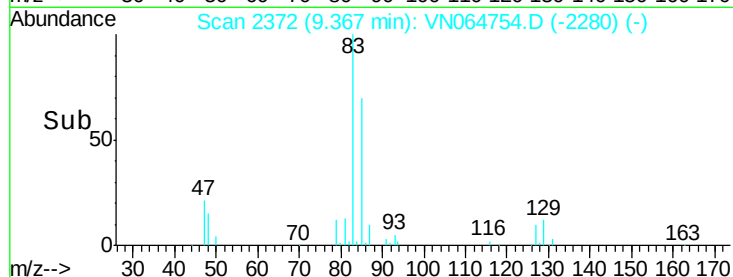
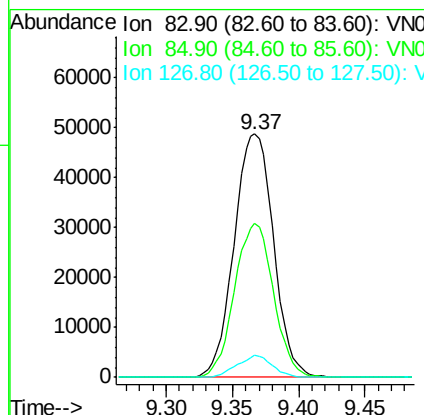
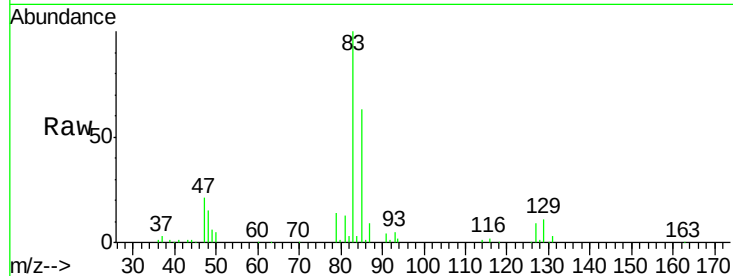
#47
Bromodichloromethane
Concen: 17.933 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	83	Resp	100512
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	50.8	76.2
127	9.0	7.0	10.4

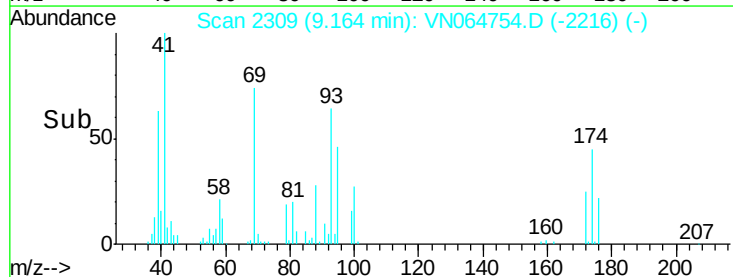
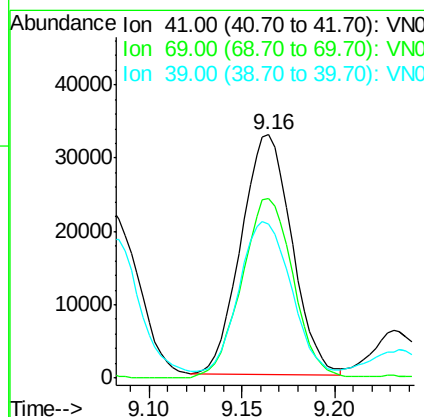
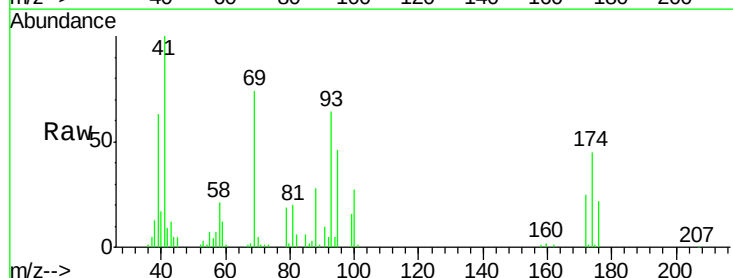
Manual Integrations
APPROVED

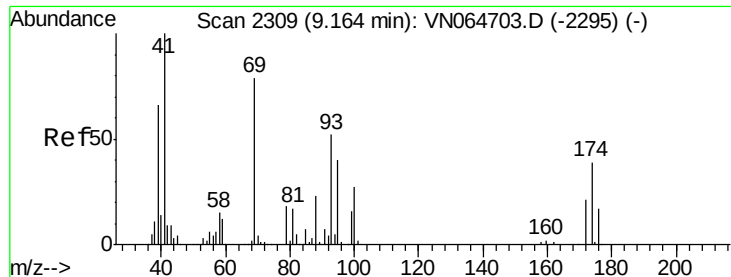
MMDadoda
11/24/2020 3:11:34 PM



#48
Methyl methacrylate
Concen: 15.960 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	41	Resp	61895
Ion Ratio	100	Lower	Upper
41	100		
69	76.6	62.3	93.5
39	67.7	55.1	82.7





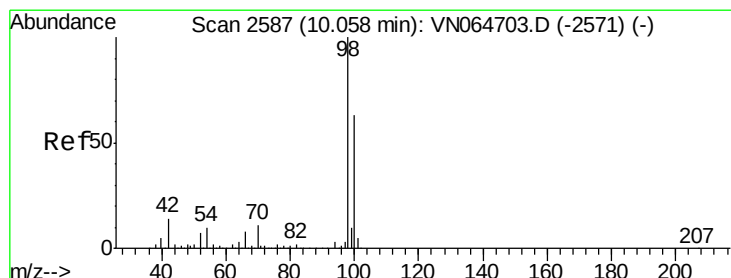
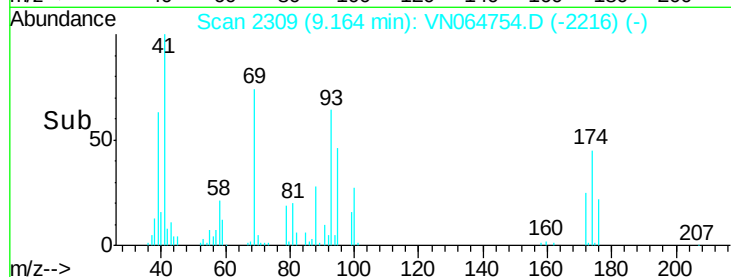
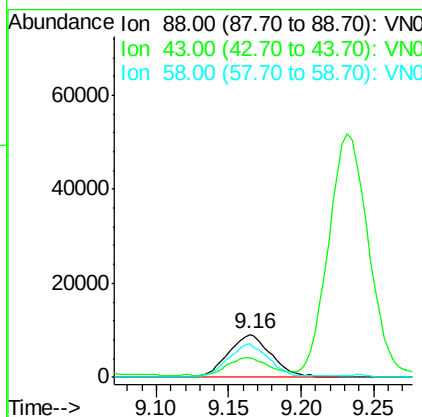
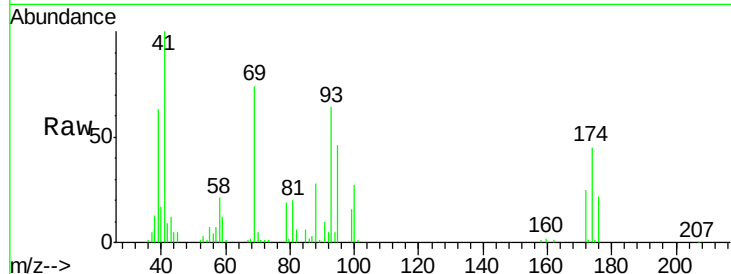
#49
1,4-Dioxane
Concen: 387.098 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	31.3	46.9
58	75.7	55.7	83.5

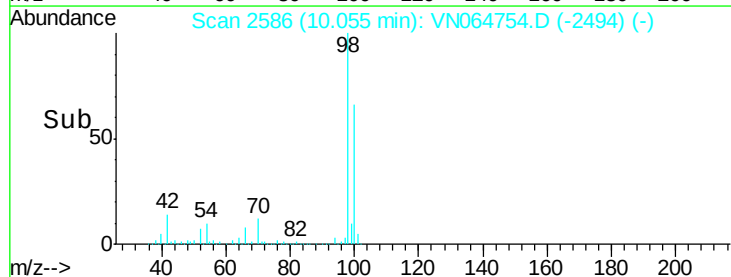
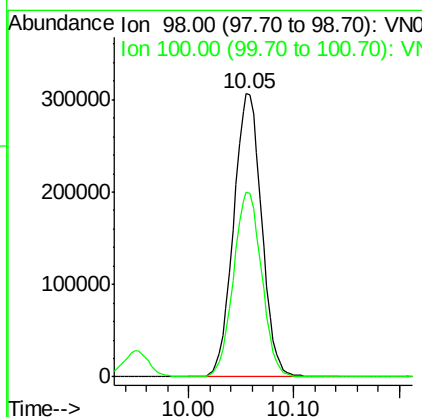
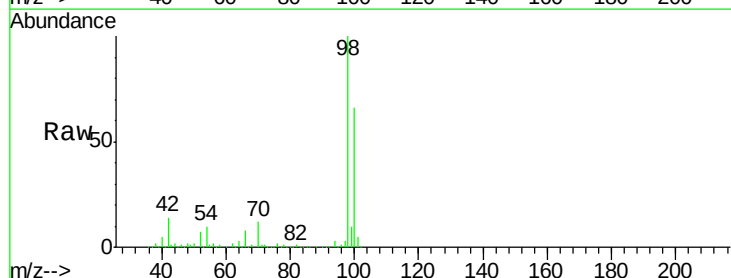
Manual Integrations
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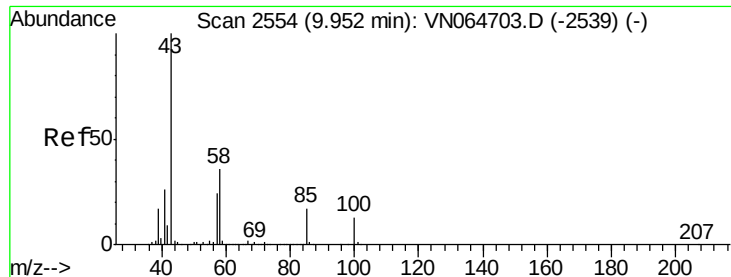
MMDadoda
11/24/2020 3:11:34 PM



#50
Toluene-d8
Concen: 44.433 ug/l
RT: 10.05 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.4	75.6





#51

4-Methyl-2-Pentanone

Concen: 80.448 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion: 43 Resp: 377999

Ion Ratio Lower Upper

43 100

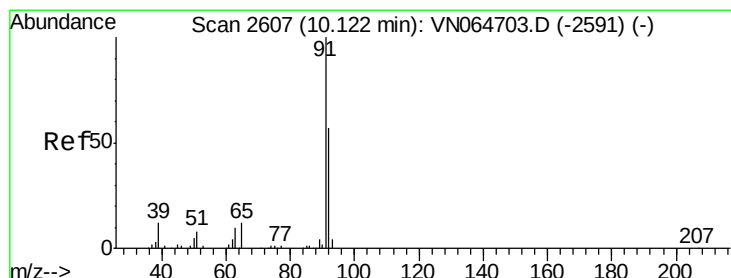
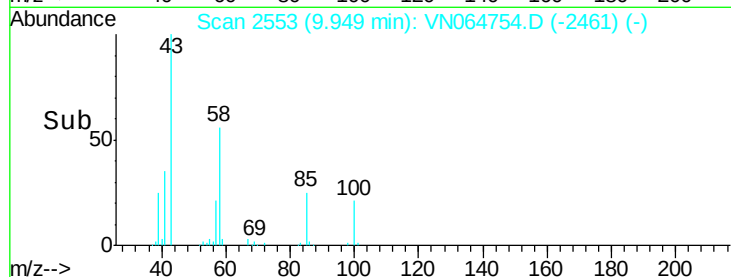
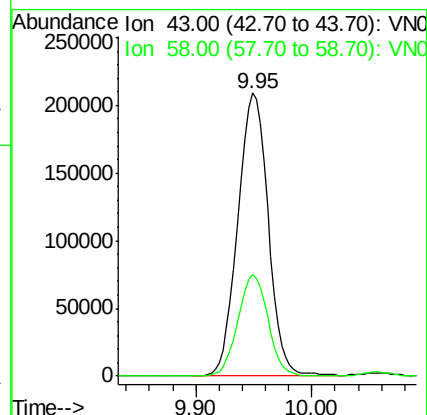
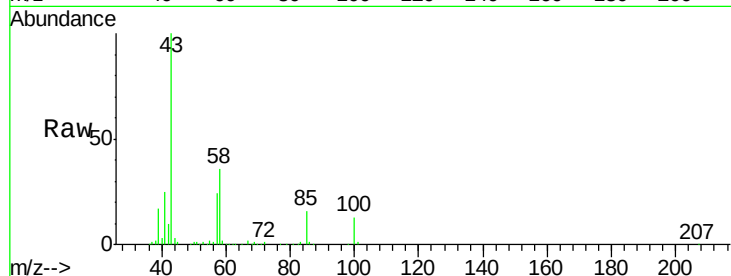
58 35.6 28.5 42.7

Manual Integrations

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MMDadoda

11/24/2020 3:11:34 PM



#52

Toluene

Concen: 17.950 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN064754.D

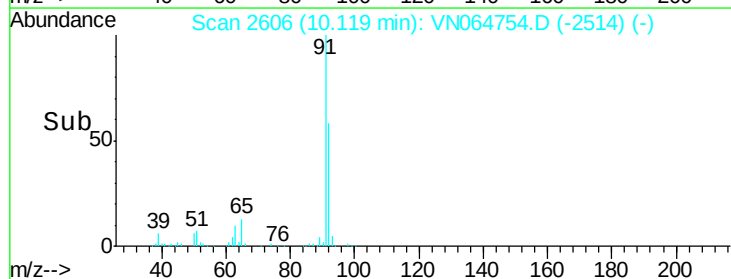
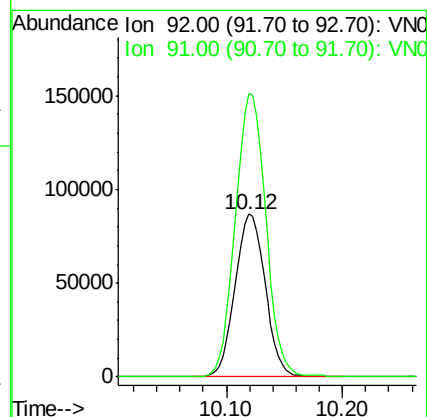
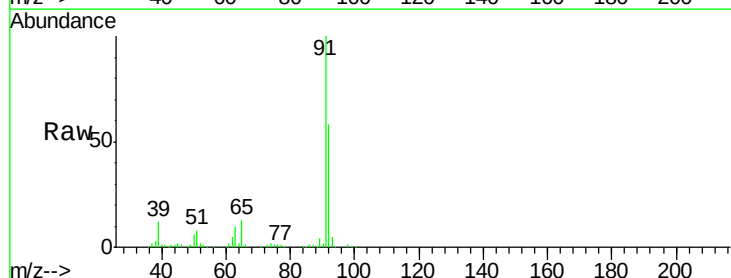
Acq: 20 Nov 2020 2:16

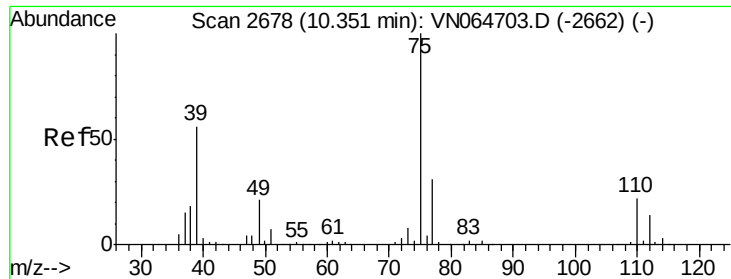
Tgt Ion: 92 Resp: 155991

Ion Ratio Lower Upper

92 100

91 176.3 141.2 211.8





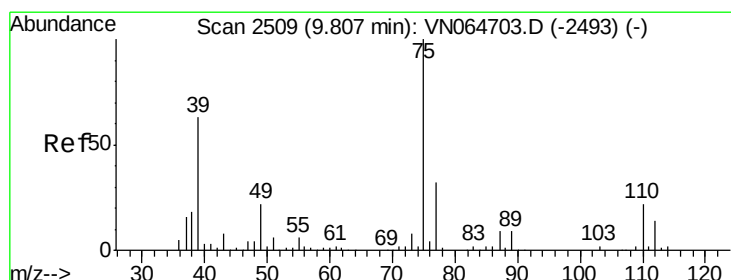
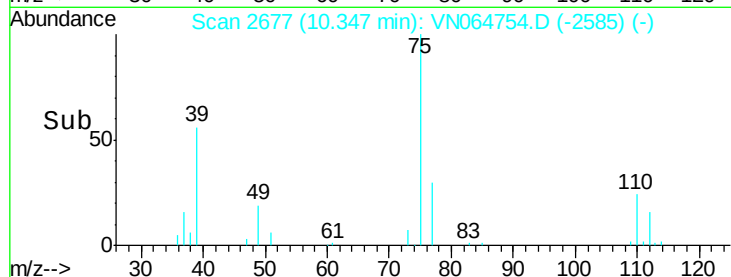
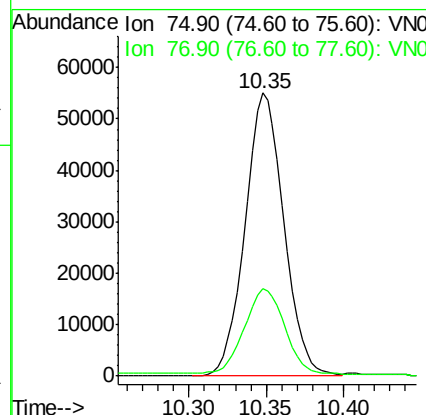
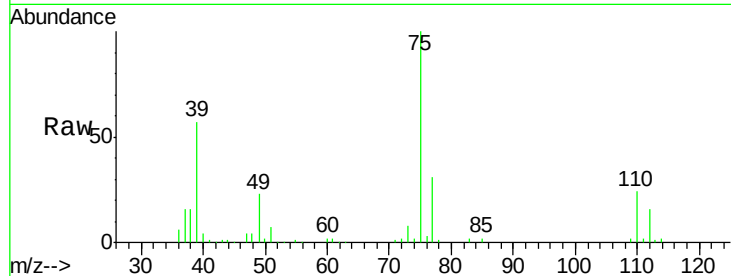
#53
t-1,3-Dichloropropene
Concen: 16.027 ug/l
RT: 10.35 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion: 75 Resp: 96135
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

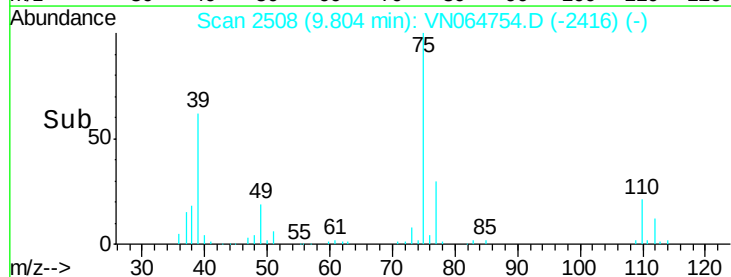
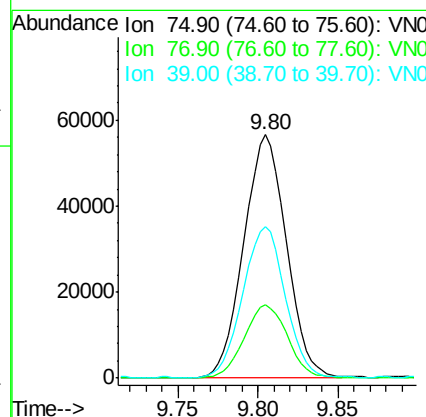
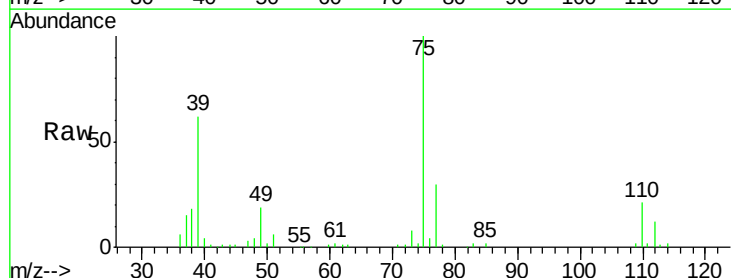
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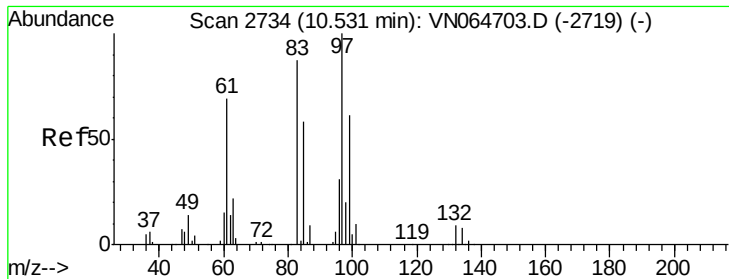
MMDadoda
11/24/2020 3:11:34 PM



#54
cis-1,3-Dichloropropene
Concen: 16.769 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion: 75 Resp: 103573
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.8
39 62.0 50.5 75.7





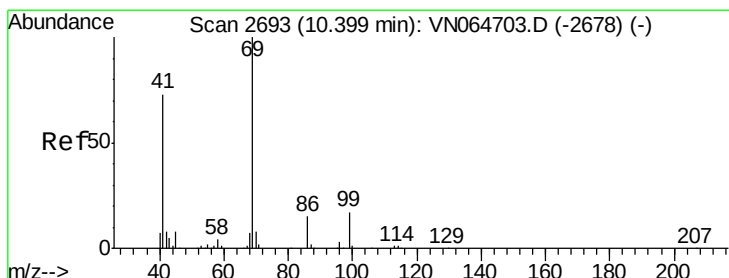
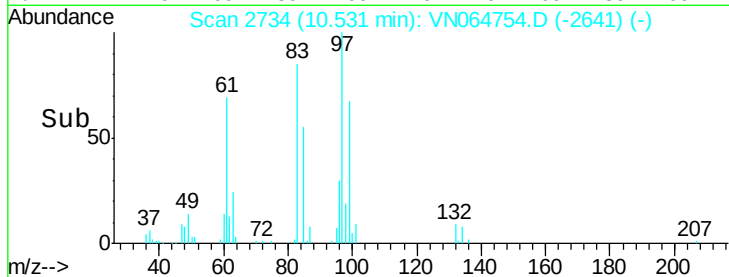
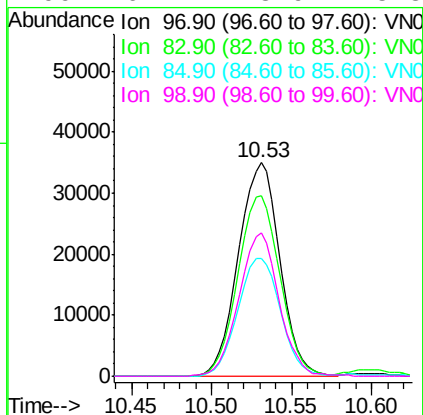
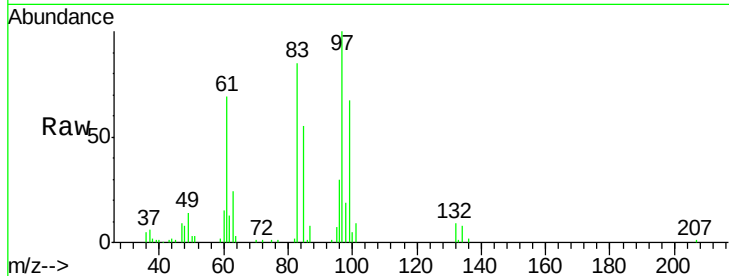
#55
 1,1,2-Trichloroethane
 Concen: 17.758 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion:	97	Resp:	61897
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.6	104.4
85	55.4	46.6	70.0
99	67.1	48.9	73.3

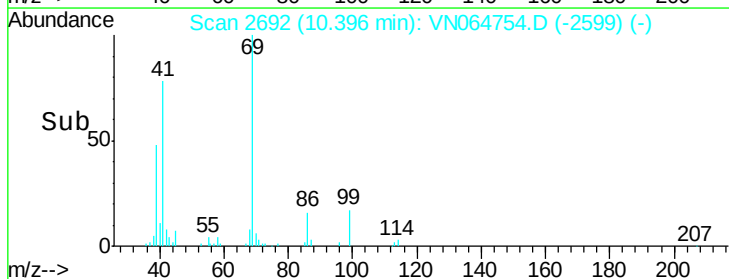
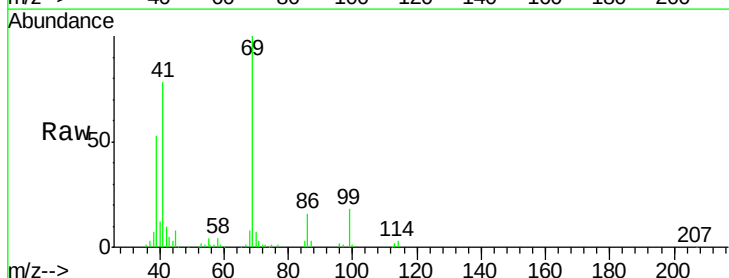
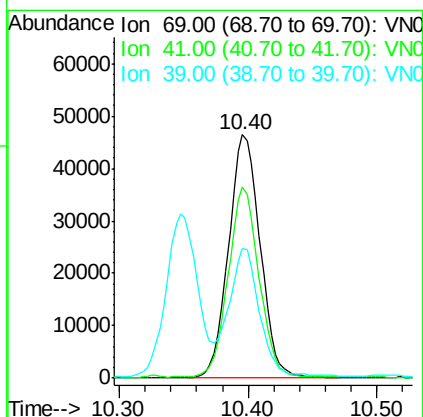
Manual Integrations
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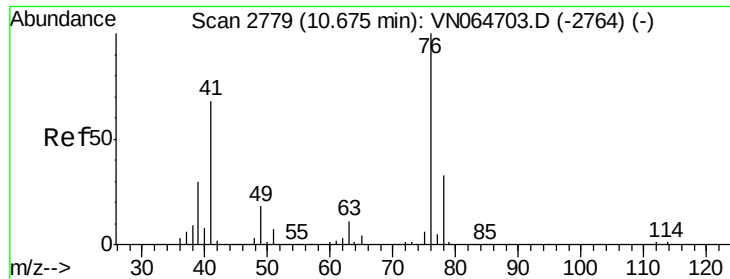
MMDadoda
 11/24/2020 3:11:34 PM



#56
 Ethyl methacrylate
 Concen: 15.756 ug/l
 RT: 10.40 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion:	69	Resp:	79072
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.0	88.4
39	50.3	38.4	57.6





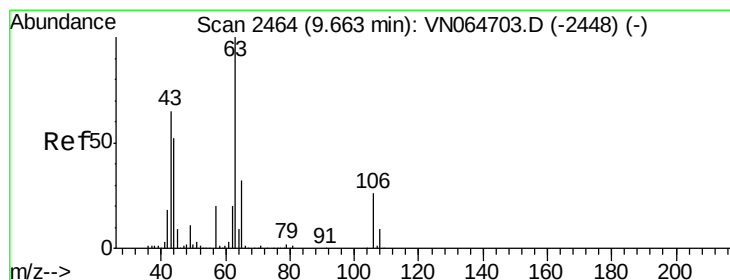
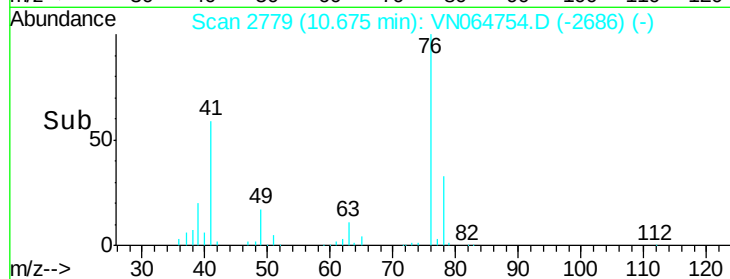
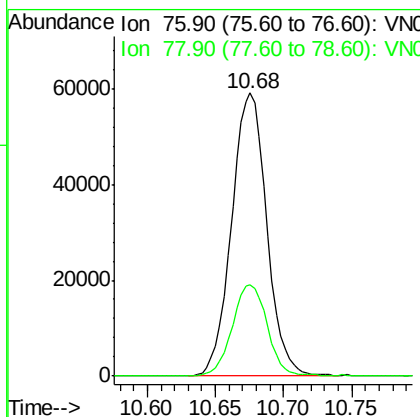
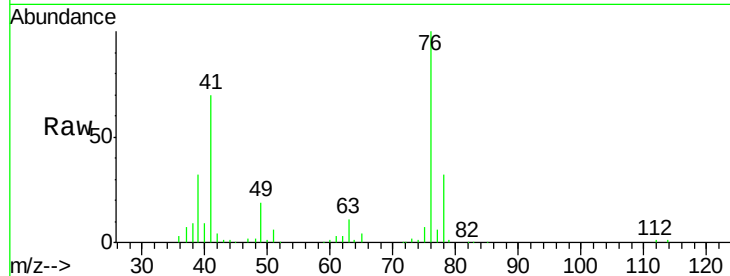
#57
 1,3-Dichloropropane
 Concen: 17.487 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.4	39.6

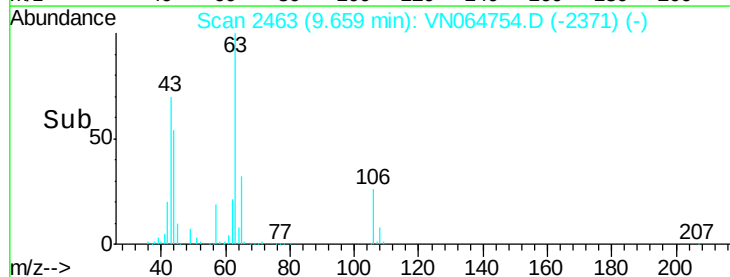
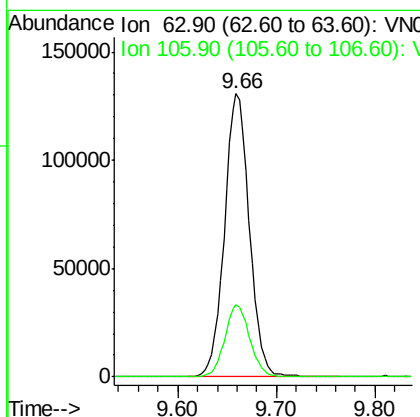
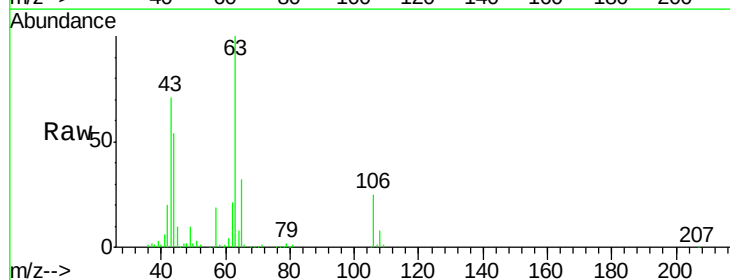
Manual Integrations
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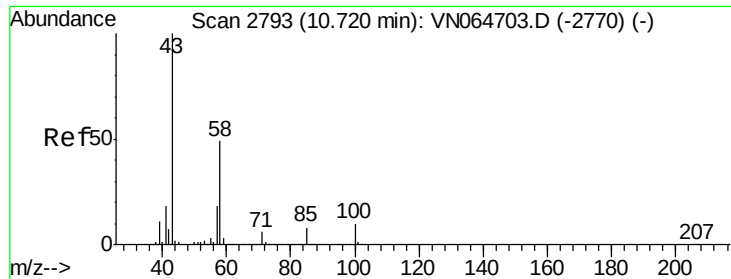
MMDadoda
 11/24/2020 3:11:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.785 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.6	20.9	31.3





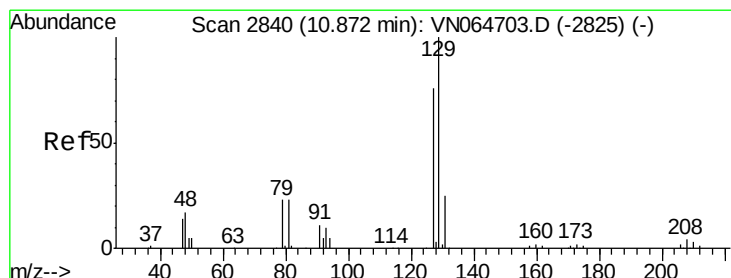
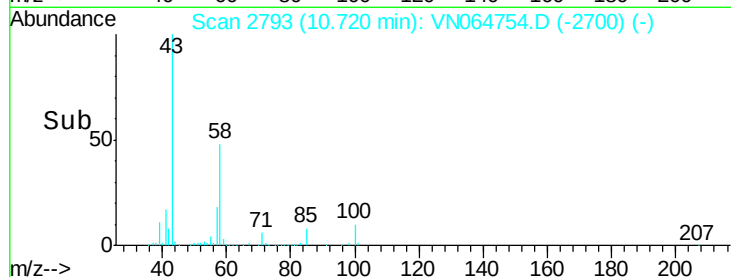
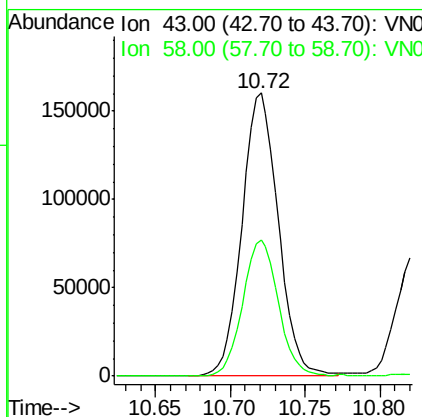
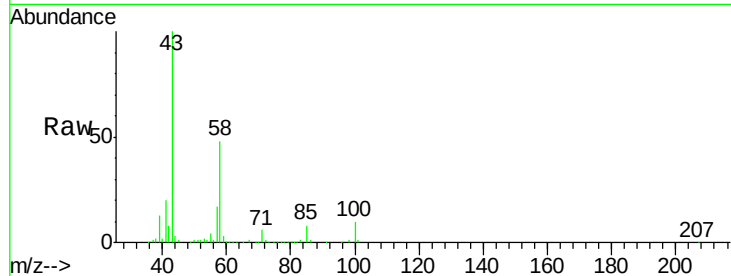
#59
2-Hexanone
Concen: 79.682 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.6	24.4	73.4

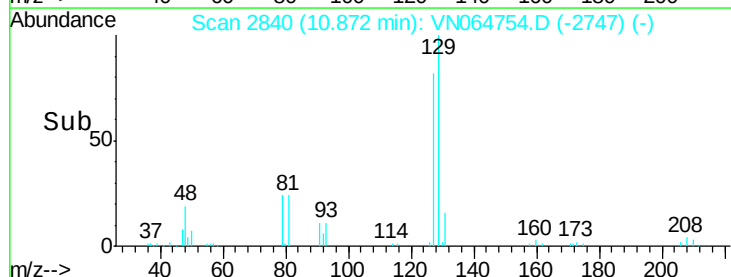
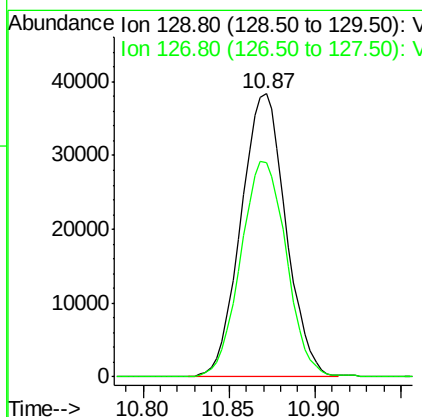
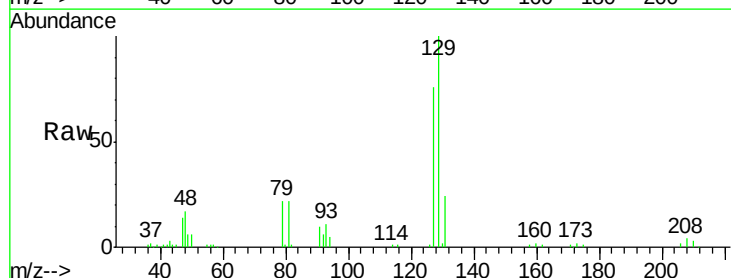
Manual Integrations
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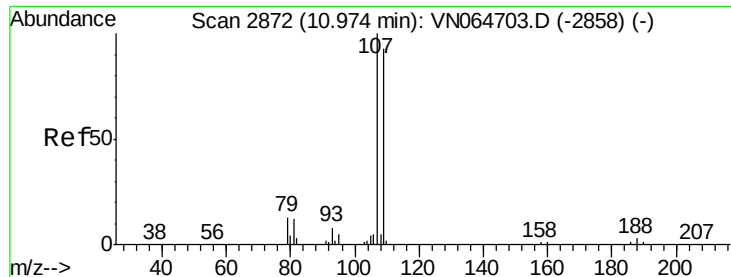
MMDadoda
11/24/2020 3:11:34 PM



#60
Dibromochloromethane
Concen: 17.273 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.8	116.4





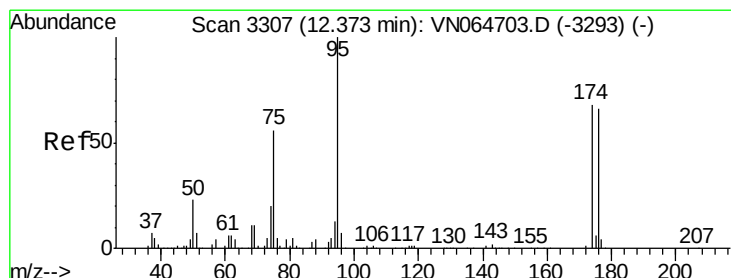
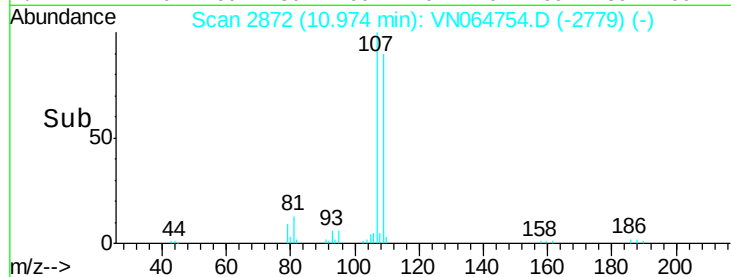
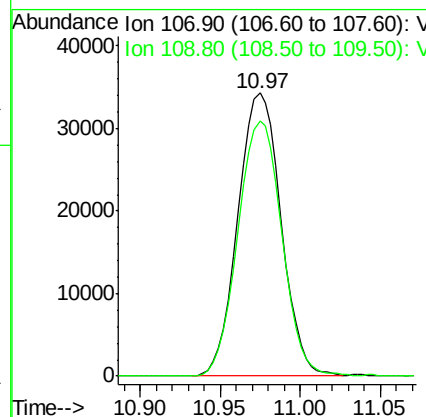
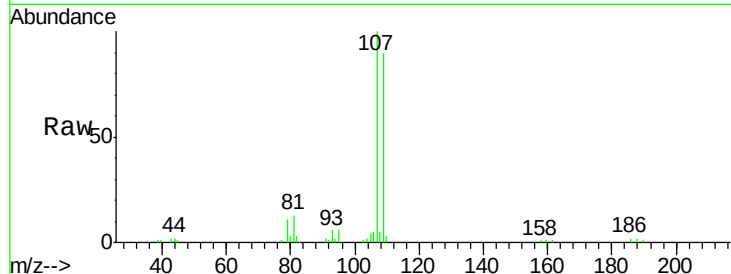
#61
 1,2-Dibromoethane
 Concen: 16.930 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.9	74.2	111.4

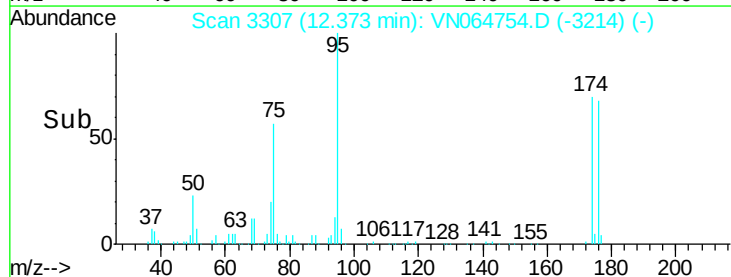
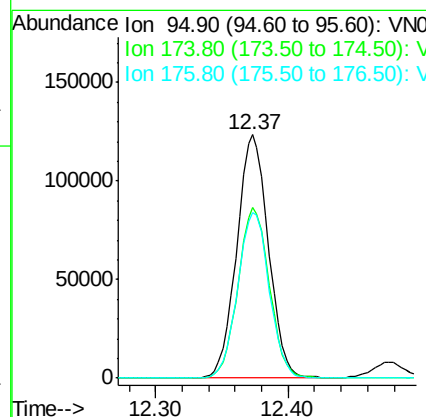
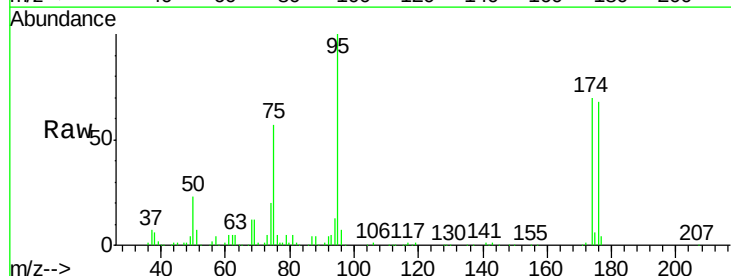
Manual Integrations
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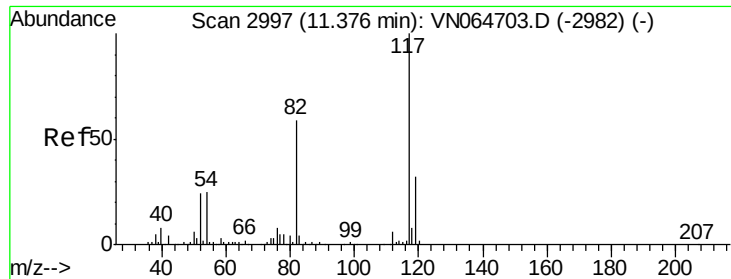
MMDadoda
 11/24/2020 3:11:34 PM



#62
 4-Bromofluorobenzene
 Concen: 43.014 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	136.8
176	68.1	0.0	134.2





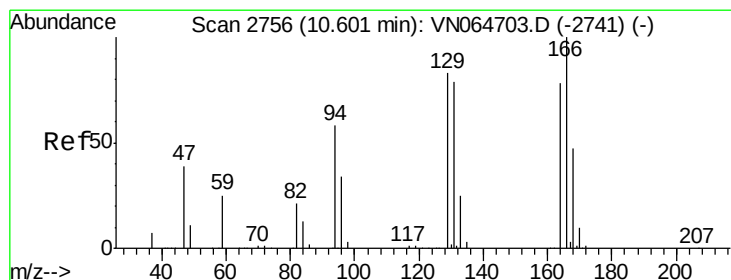
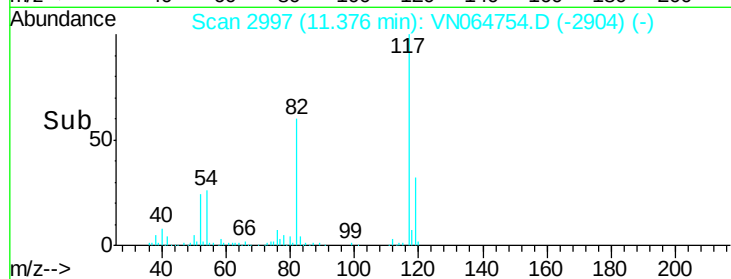
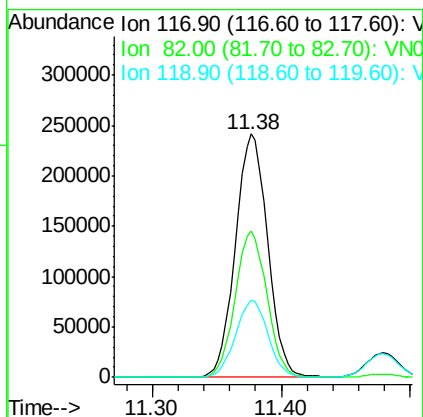
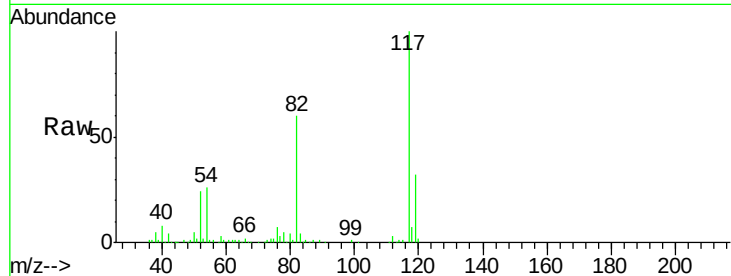
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	419912		
82	60.0	47.0	70.6	
119	31.6	25.4	38.2	

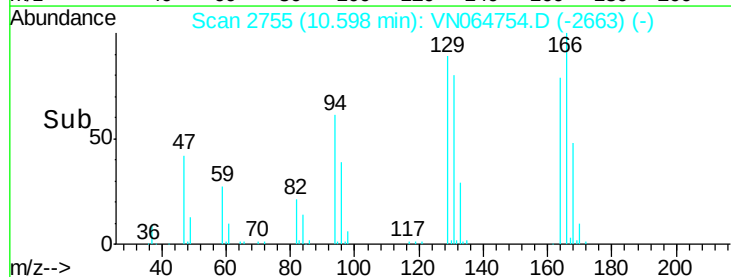
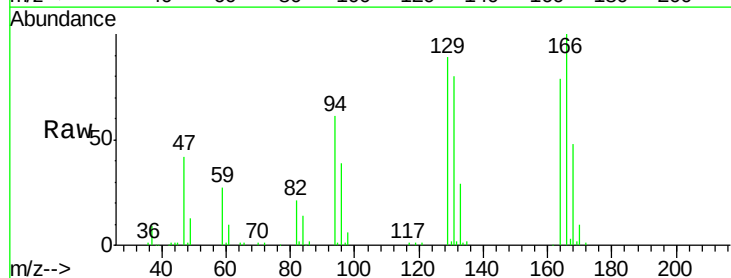
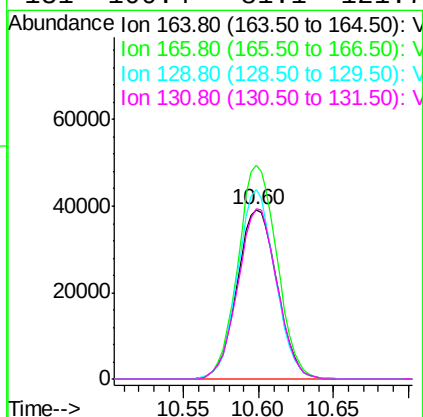
Manual Integrations
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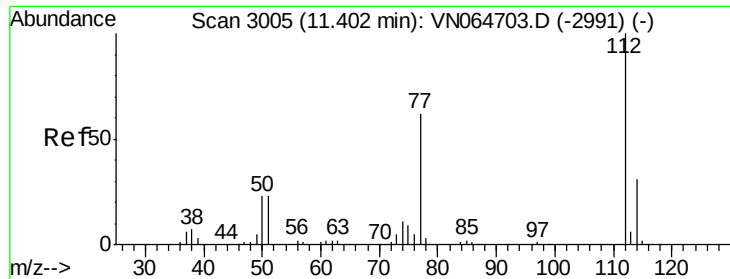
MMDadoda
11/24/2020 3:11:34 PM



#64
Tetrachloroethene
Concen: 19.537 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72727		
166	126.0	102.2	153.4	
129	111.7	84.7	127.1	
131	100.4	81.1	121.7	





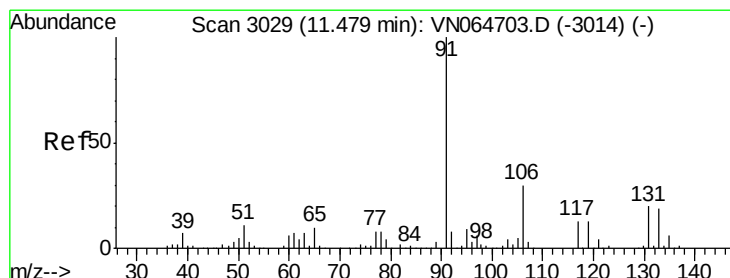
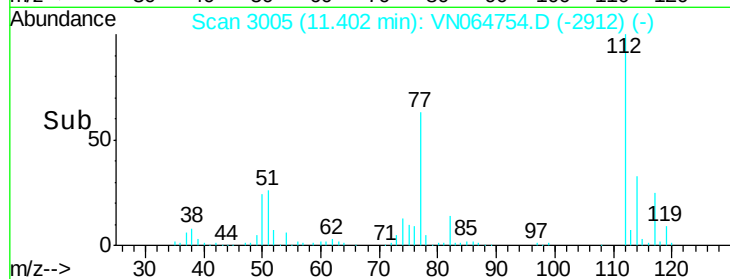
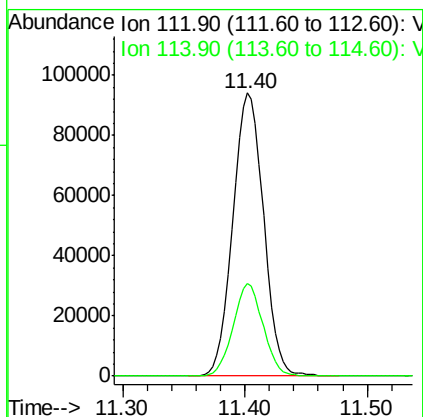
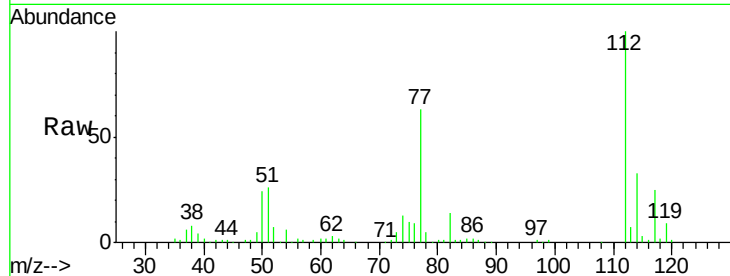
#65
Chlorobenzene
Concen: 18.430 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion:112 Resp: 164625
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1

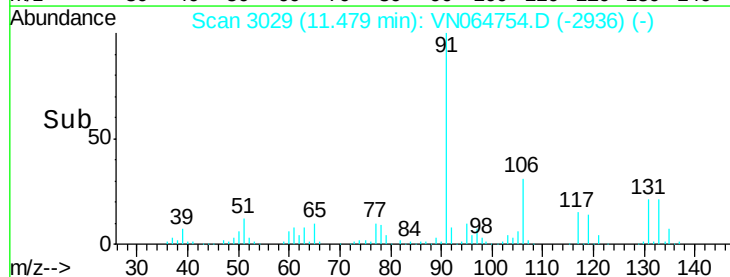
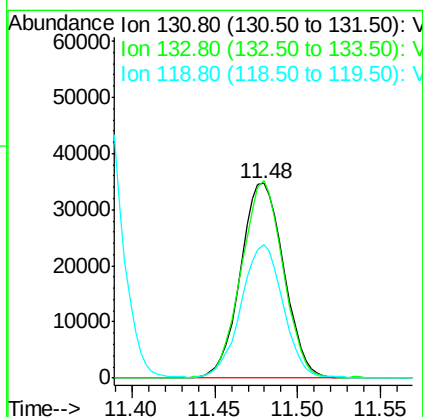
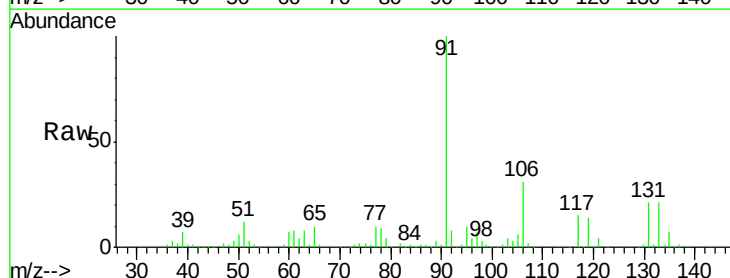
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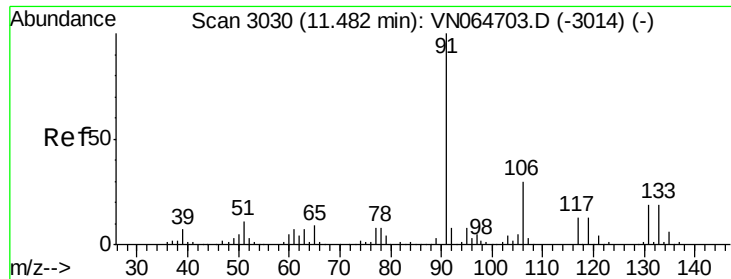
MMDadoda
11/24/2020 3:11:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.951 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion:131 Resp: 63250
Ion Ratio Lower Upper
131 100
133 97.3 48.8 146.4
119 66.5 33.5 100.4





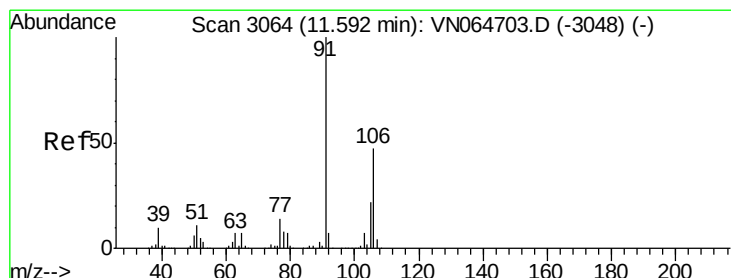
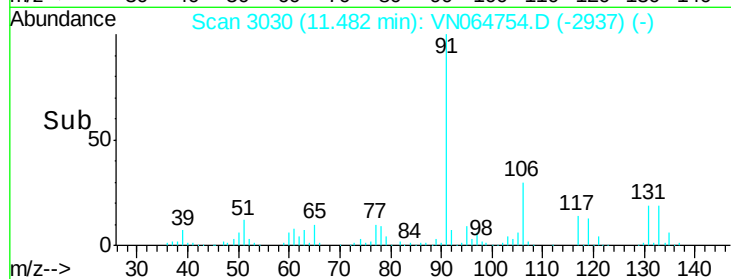
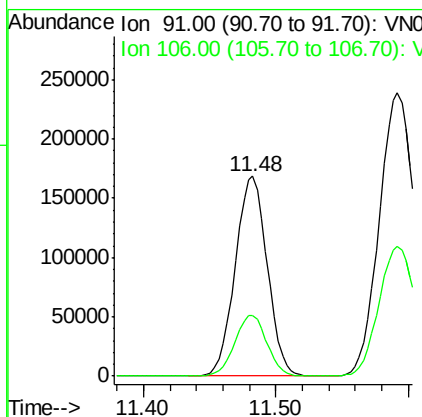
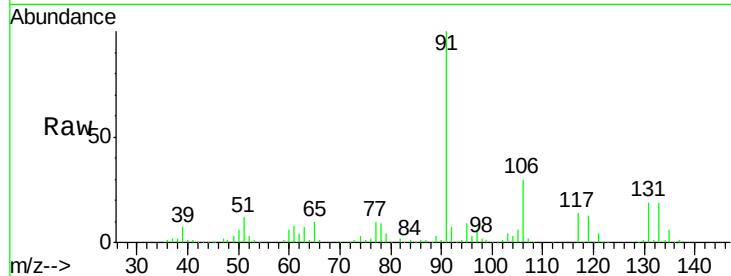
#67
Ethyl Benzene
Concen: 17.994 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion: 91 Resp: 283382
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9

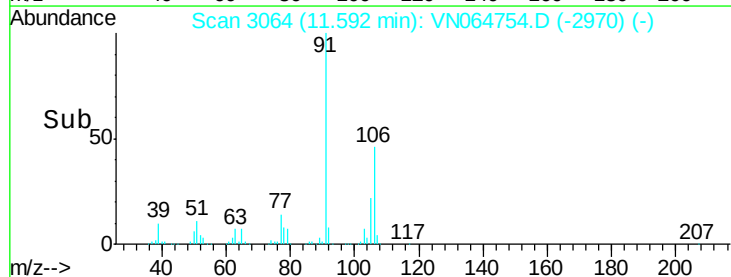
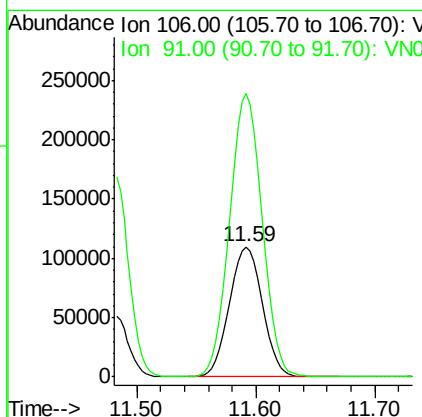
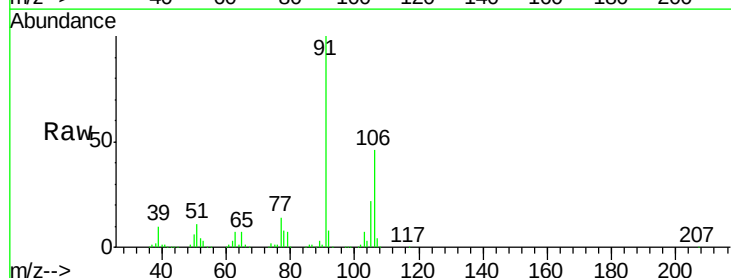
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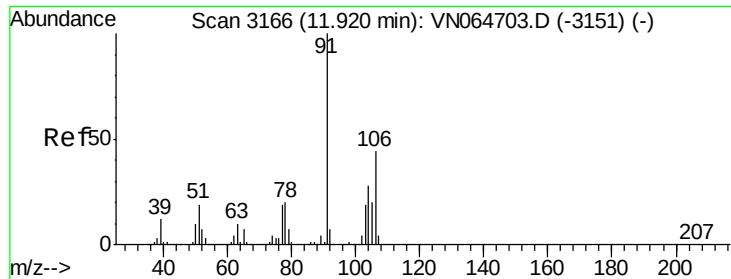
MMDadoda
11/24/2020 3:11:34 PM



#68
m/p-Xylenes
Concen: 35.961 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion: 106 Resp: 212635
Ion Ratio Lower Upper
106 100
91 212.3 171.9 257.9





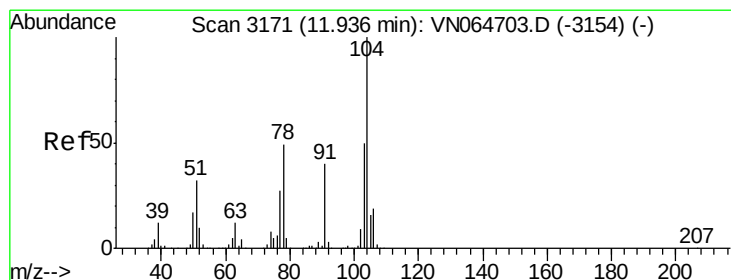
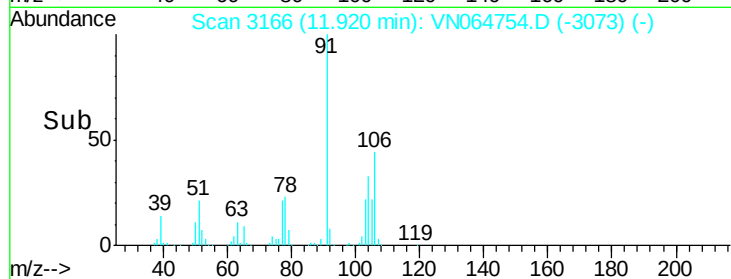
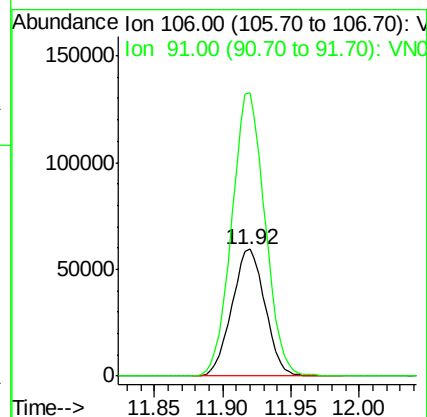
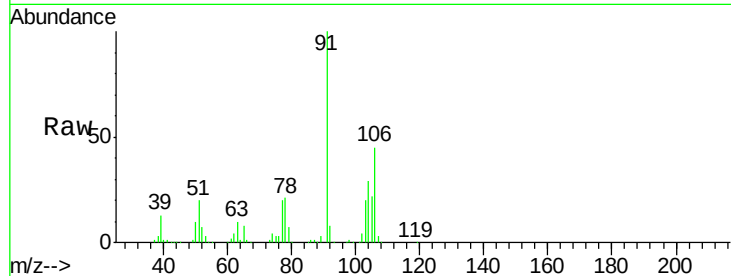
#69
o-Xylene
Concen: 18.327 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.7	112.1	336.3

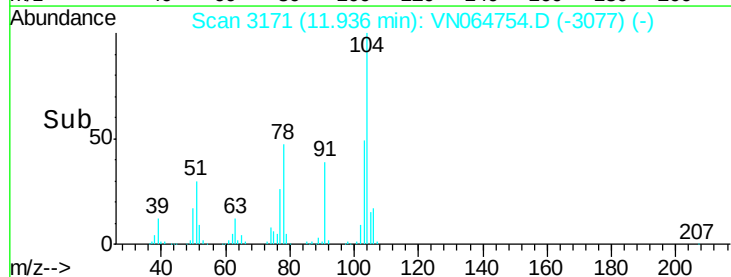
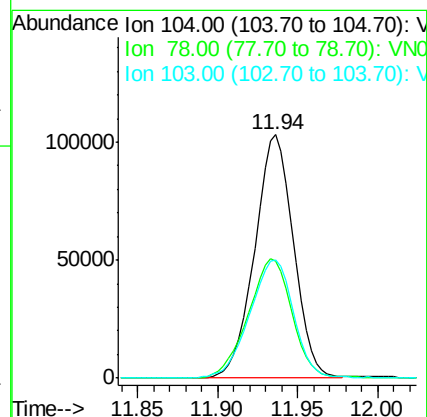
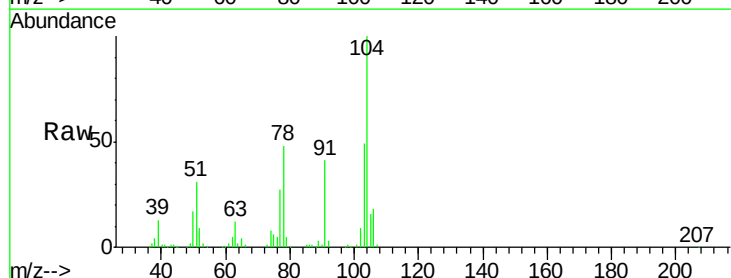
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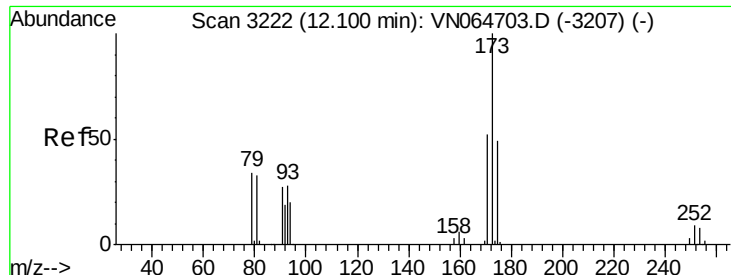
MMDadoda
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#70
Styrene
Concen: 17.818 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.7	44.1	66.1
103	54.8	43.7	65.5





#71

Bromoform

Concen: 17.778 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion:173 Resp: 41822

Ion Ratio Lower Upper

173 100

175 46.0 24.3 72.9

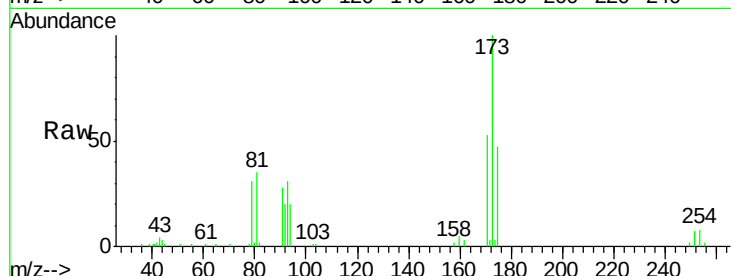
254 0.0 0.1 0.1#

Manual Integrations

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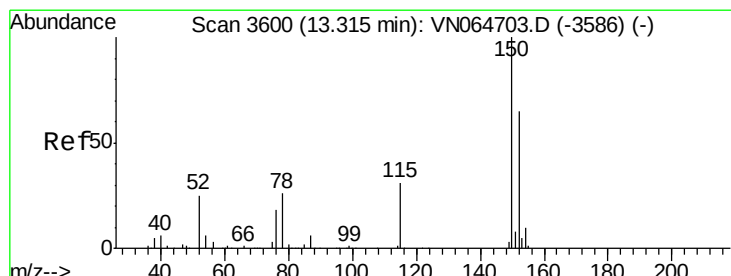
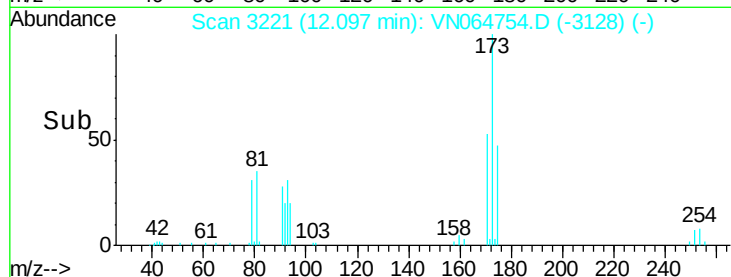
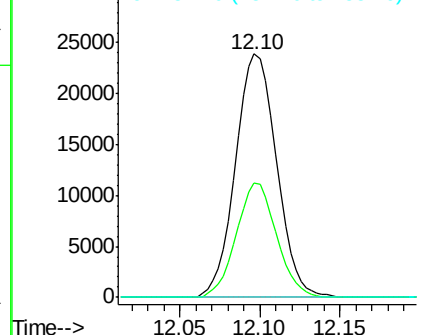
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

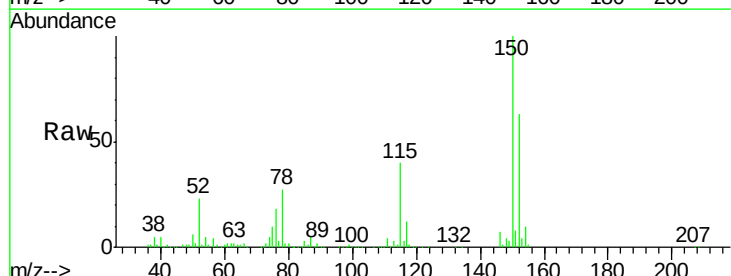
Tgt Ion:152 Resp: 262151

Ion Ratio Lower Upper

152 100

115 63.1 32.1 96.3

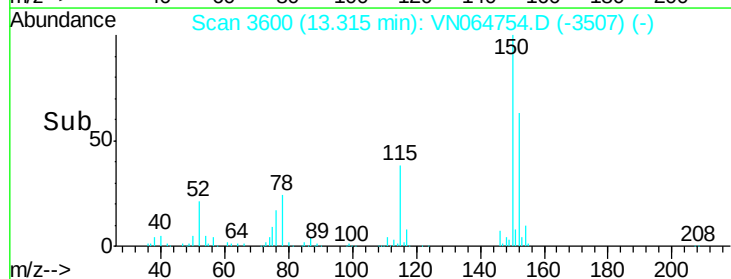
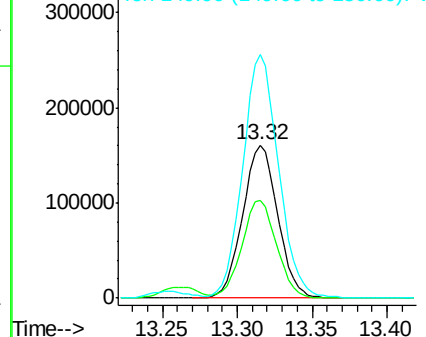
150 162.8 0.0 344.8

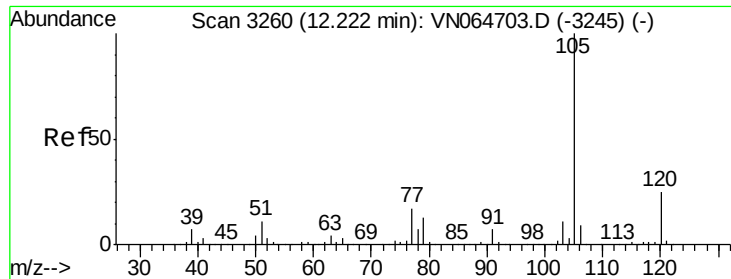


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 13.801 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion: 105 Resp: 256873

Ion Ratio Lower Upper

105 100

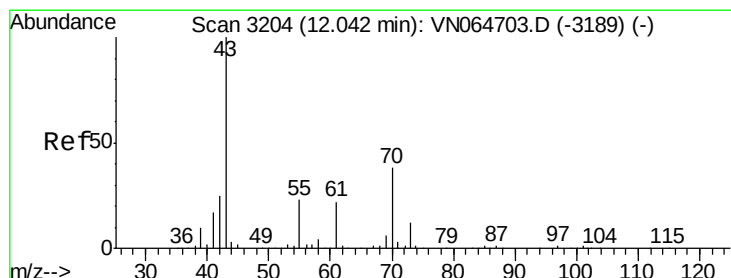
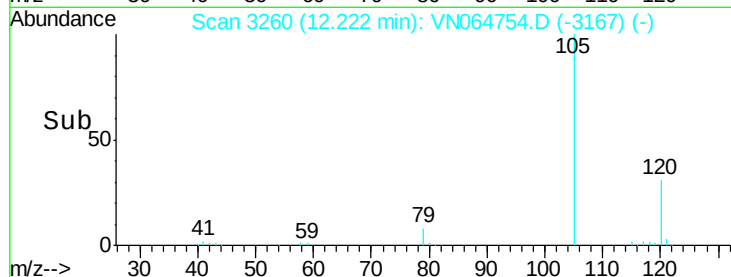
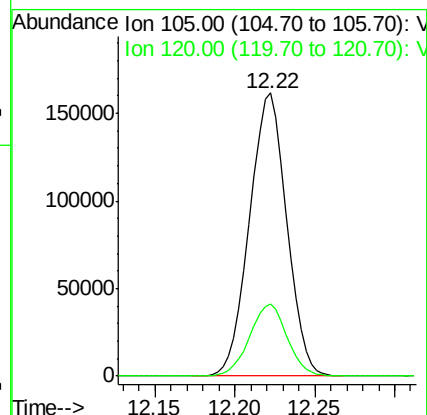
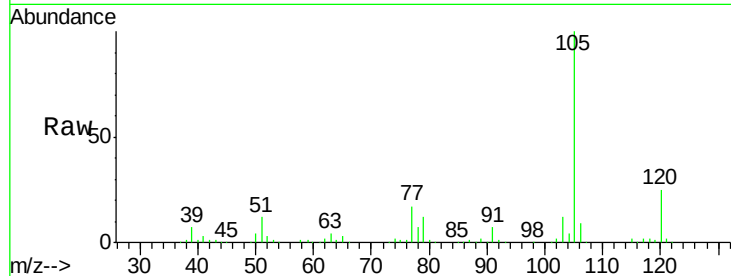
120 25.5 12.8 38.3

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#74

N-ethyl acetate

Concen: 12.873 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Tgt Ion: 43 Resp: 111896

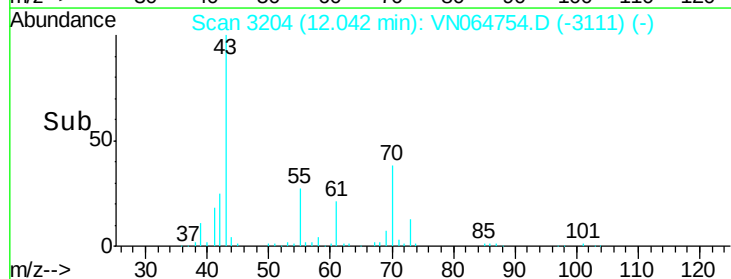
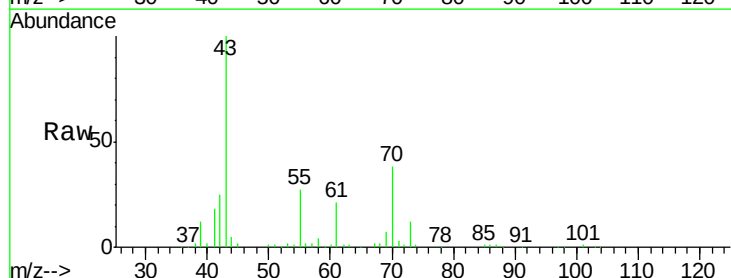
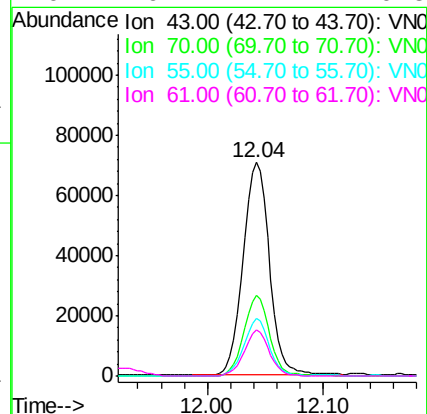
Ion Ratio Lower Upper

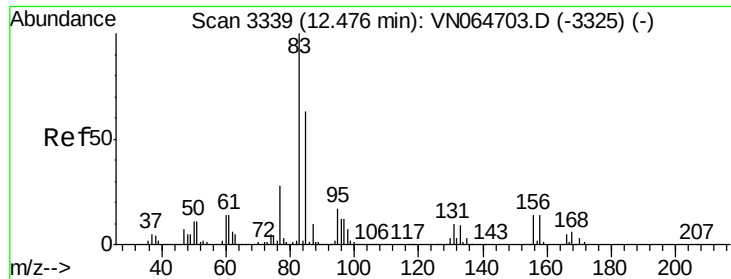
43 100

70 36.5 30.3 45.5

55 25.6 18.9 28.3

61 20.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 13.888 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

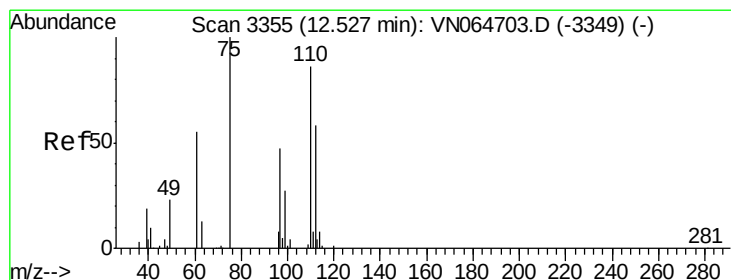
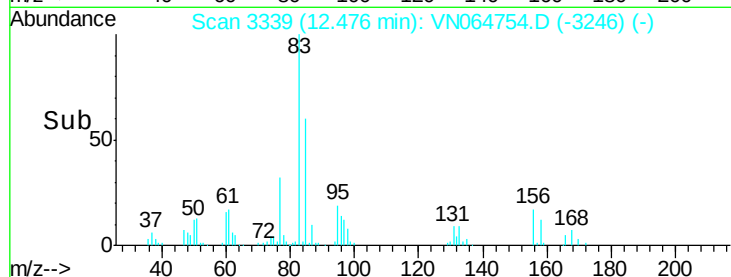
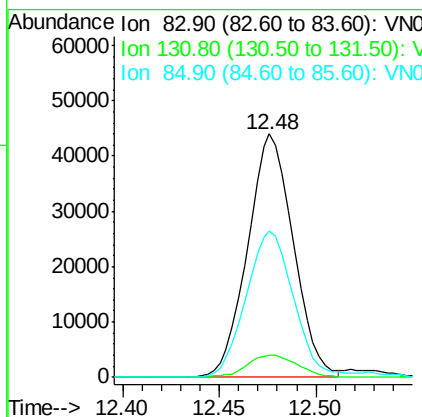
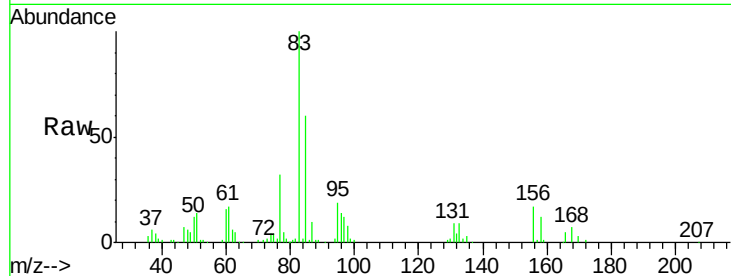
ClientSampleId :

VN1119WBS02

Tot Ion:	83	Resp:	72272
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	62.3	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 15.844 ug/l m

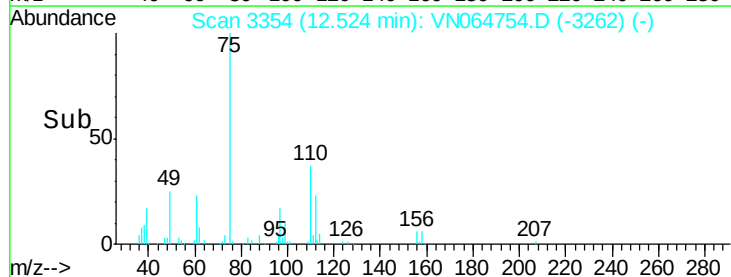
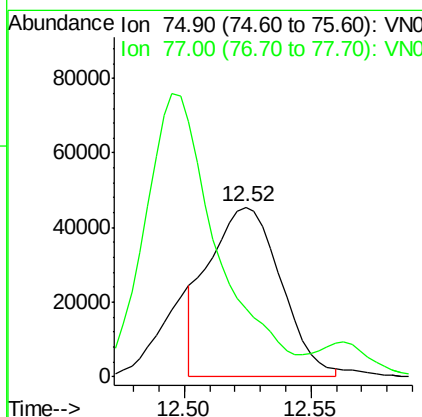
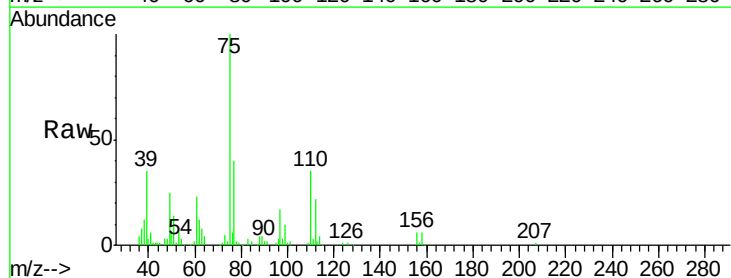
RT: 12.52 min Scan# 3354

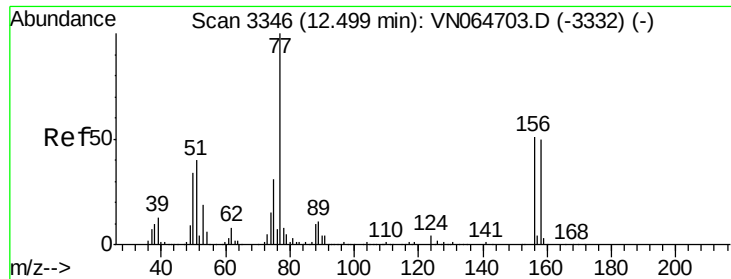
Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Tgt Ion:	75	Resp:	89496
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 14.190 ug/l

RT: 12.50 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

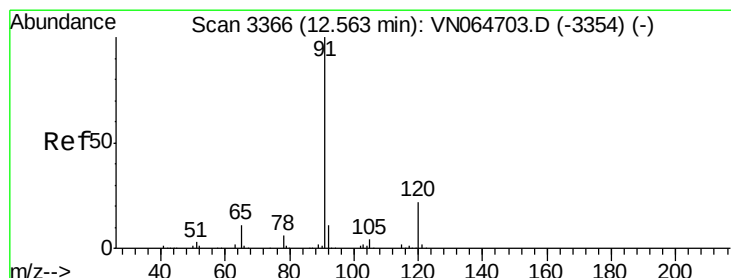
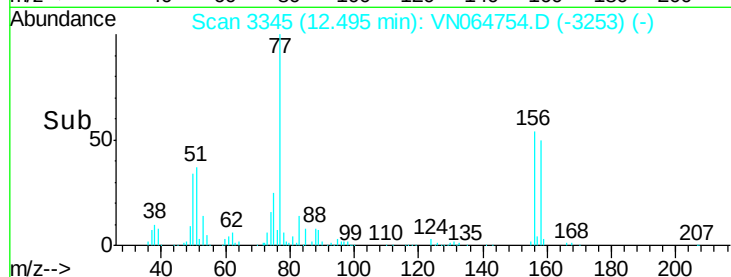
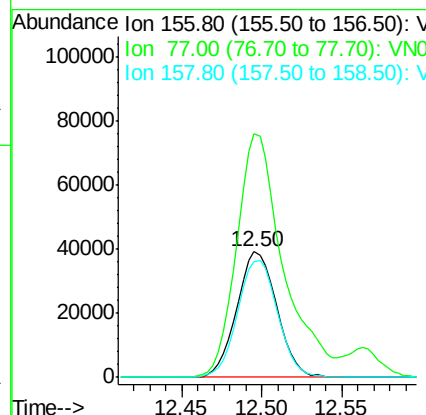
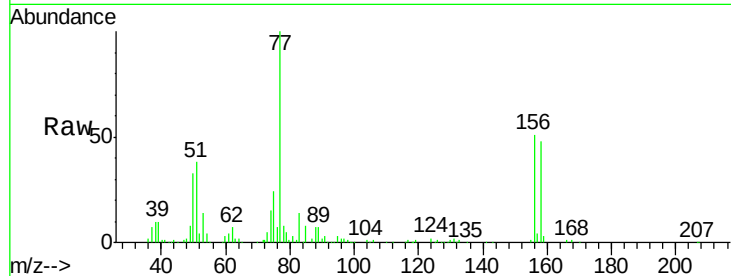
ClientSampleId :

VN1119WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	227.5	117.3	351.9
158	93.5	49.0	147.2

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#78

n-propylbenzene

Concen: 14.239 ug/l

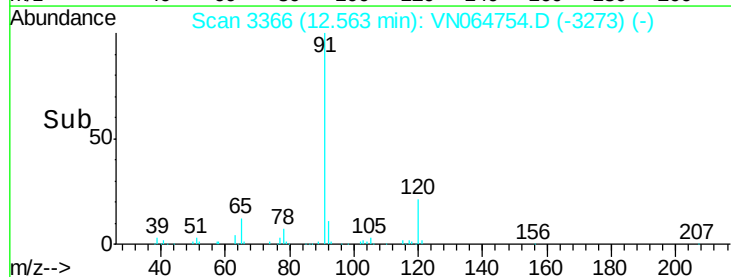
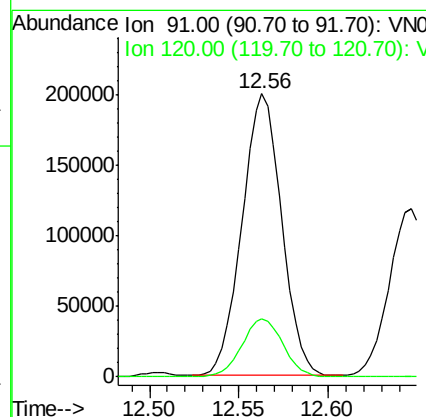
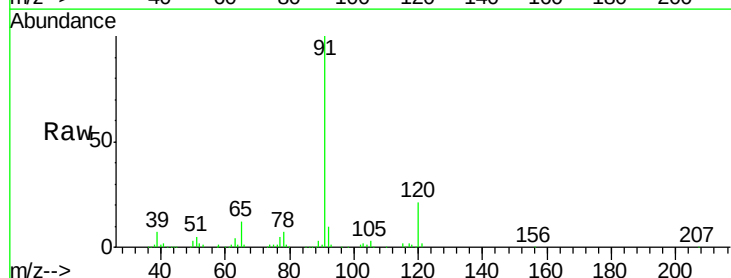
RT: 12.56 min Scan# 3366

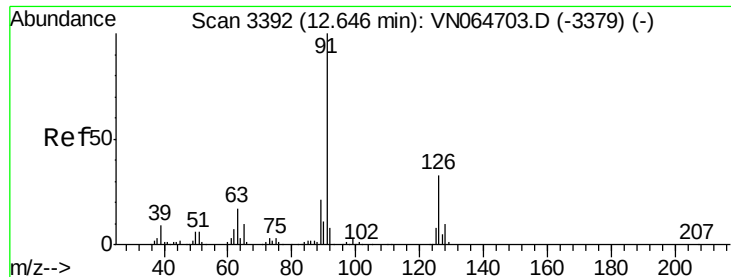
Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.9	32.9





#79

2-Chlorotoluene

Concen: 13.776 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion: 91 Resp: 191121

Ion Ratio Lower Upper

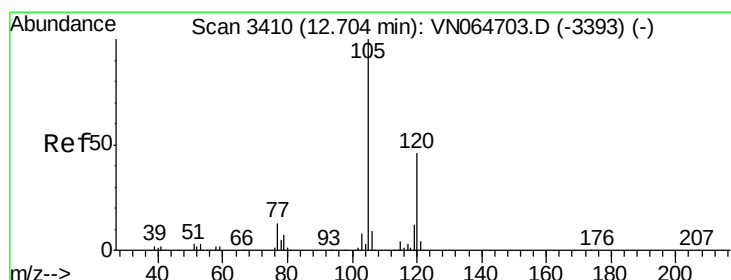
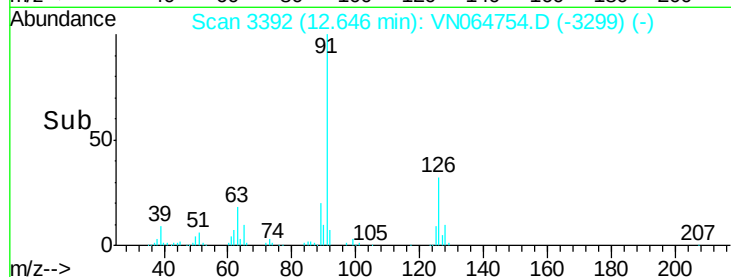
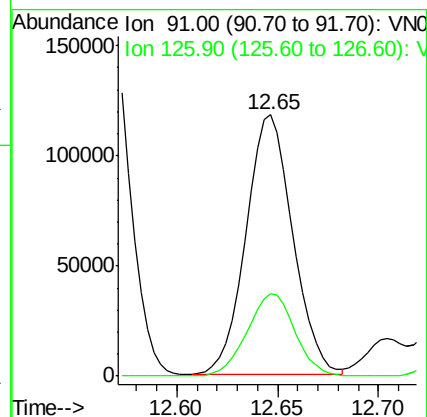
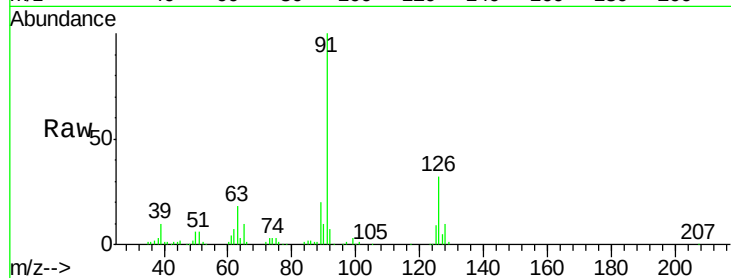
91 100

126 32.6 16.0 48.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 14.667 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN064754.D

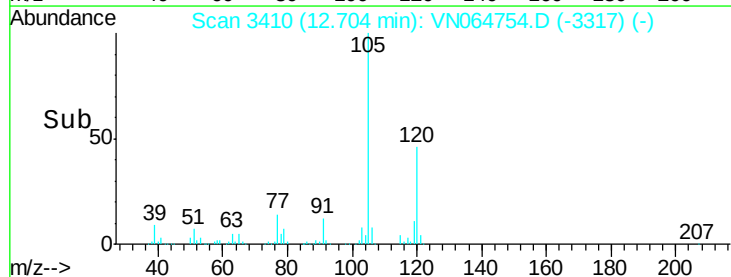
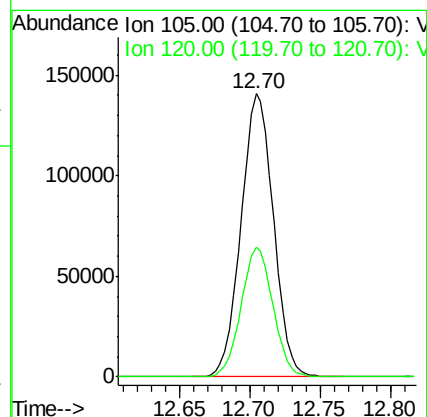
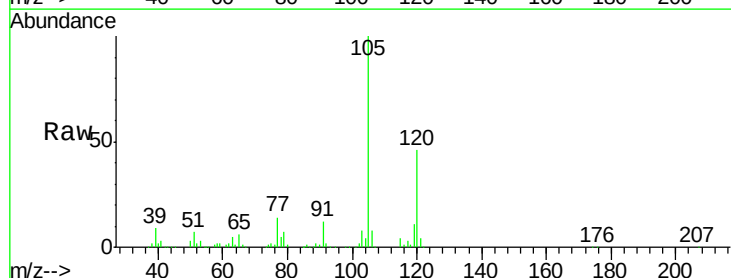
Acq: 20 Nov 2020 2:16

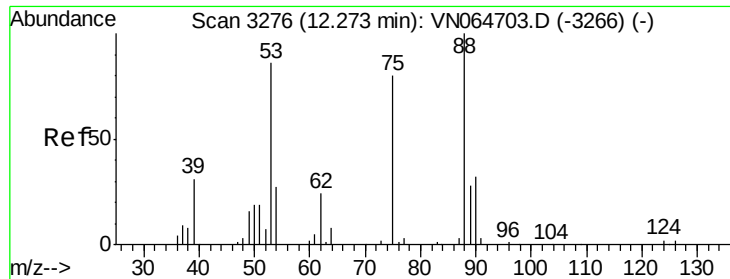
Tgt Ion: 105 Resp: 226778

Ion Ratio Lower Upper

105 100

120 45.1 22.9 68.8





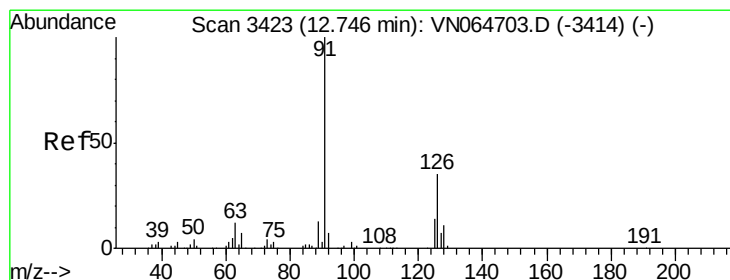
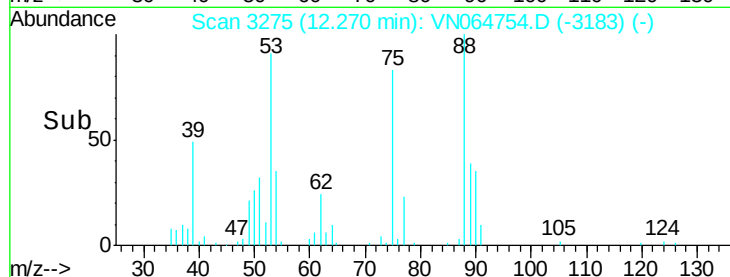
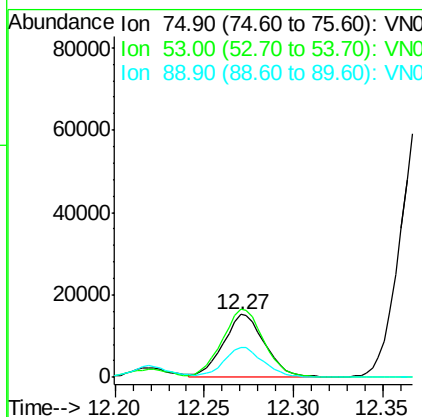
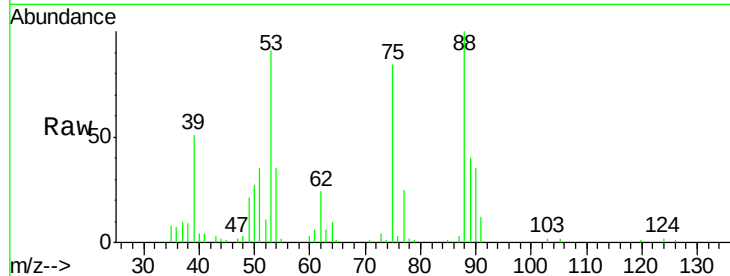
#81
trans-1,4-Dichloro-2-butene
Concen: 12.545 ug/l
RT: 12.27 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.3	88.8	133.2
89	45.5	43.1	64.7

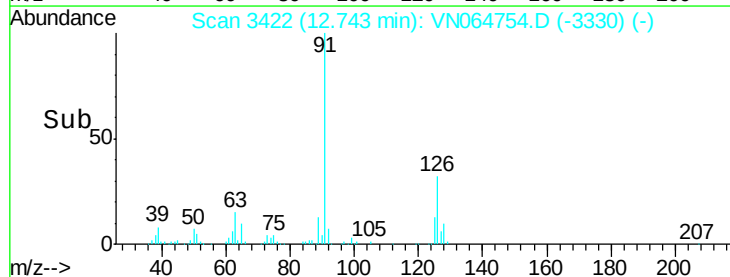
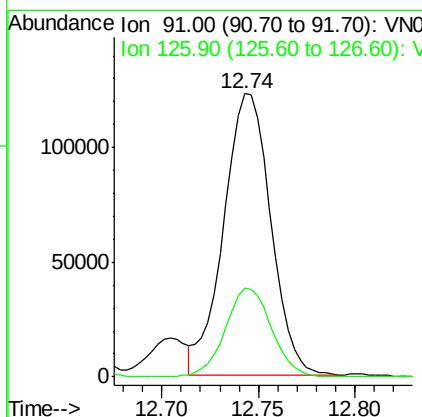
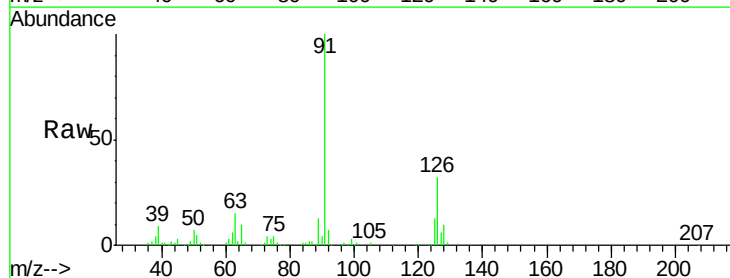
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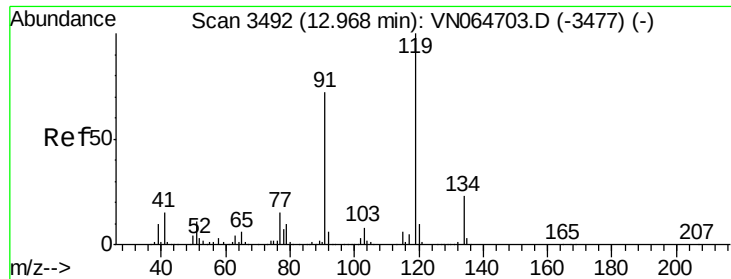
MMDadoda
11/24/2020 3:11:34 PM



#82
4-Chlorotoluene
Concen: 14.050 ug/l
RT: 12.74 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.9	47.7





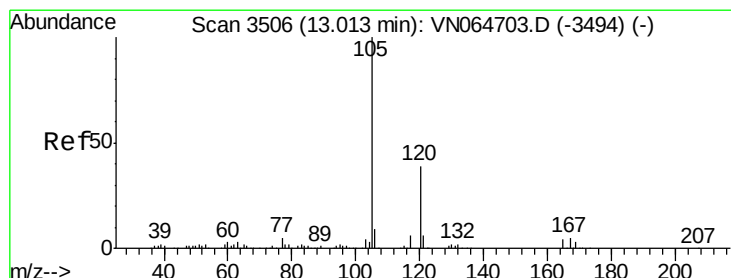
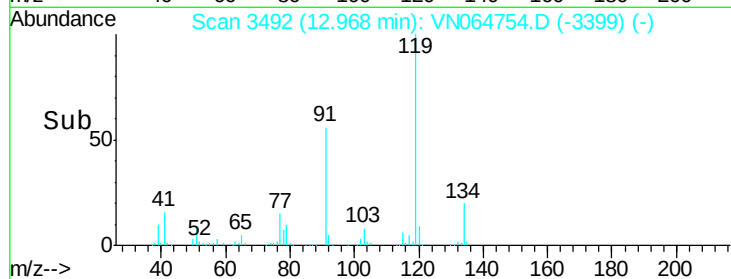
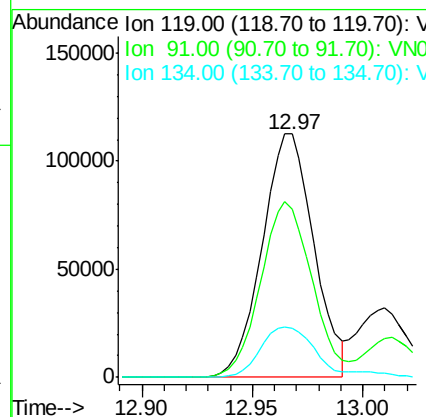
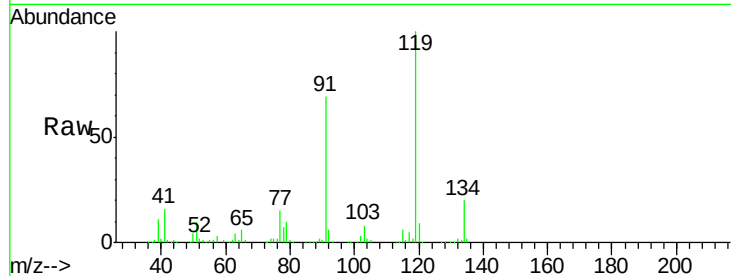
#83
 tert-Butylbenzene
 Concen: 15.289 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	182878		
91	71.9	35.8	107.4	
134	21.3	12.0	36.1	

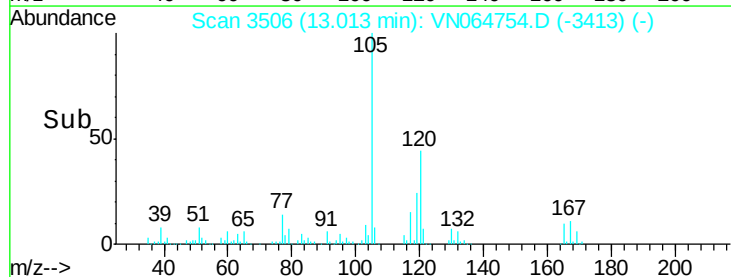
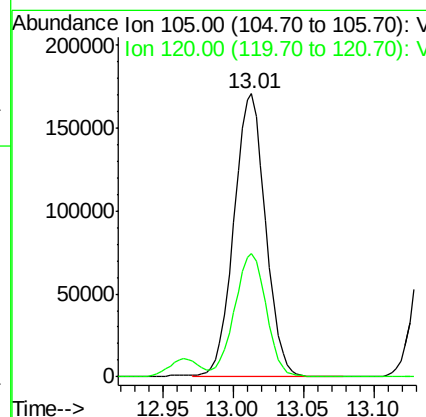
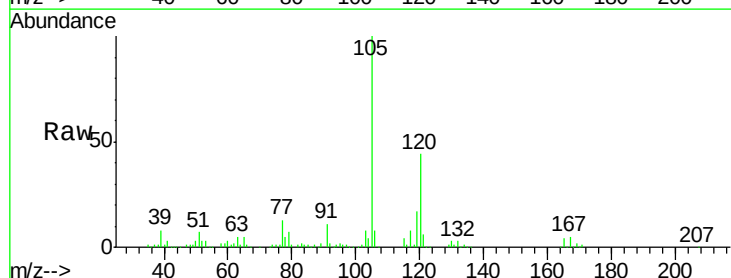
Manual Integrations
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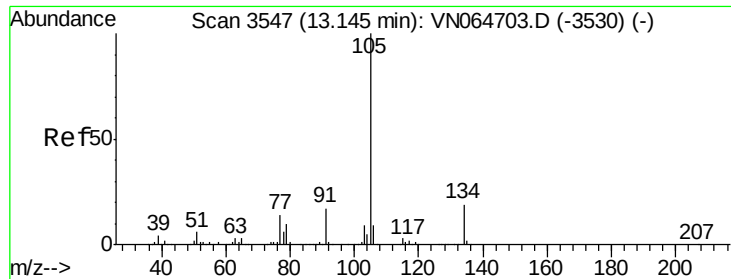
MMDadoda
 11/24/2020 3:11:34 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 16.880 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266368		
120	43.6	22.0	66.0	





#85

sec-Butylbenzene

Concen: 15.655 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tot Ion:105 Resp: 249588

Ion Ratio Lower Upper

105 100

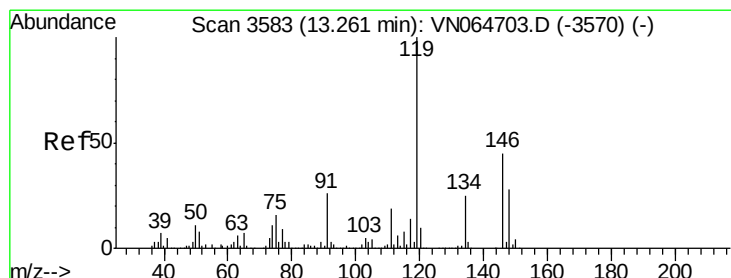
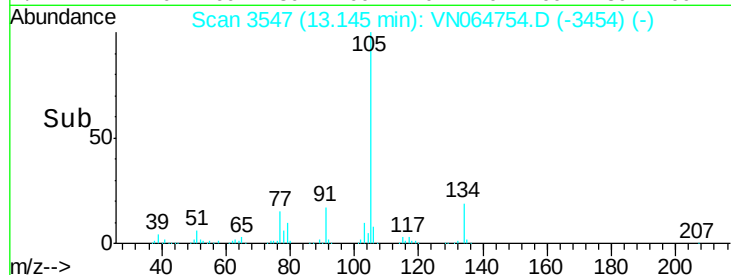
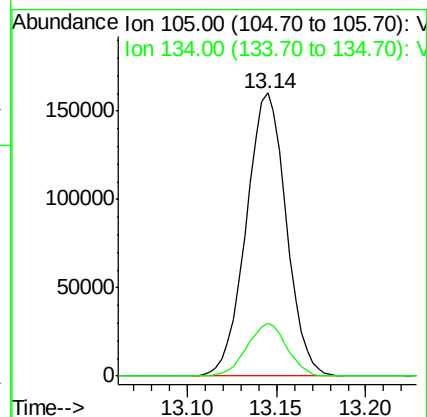
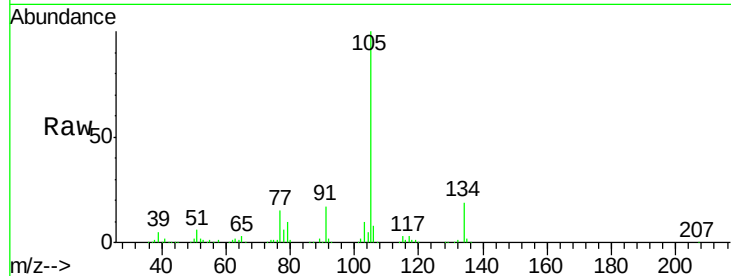
134 18.7 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 15.643 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064754.D

Acq: 20 Nov 2020 2:16

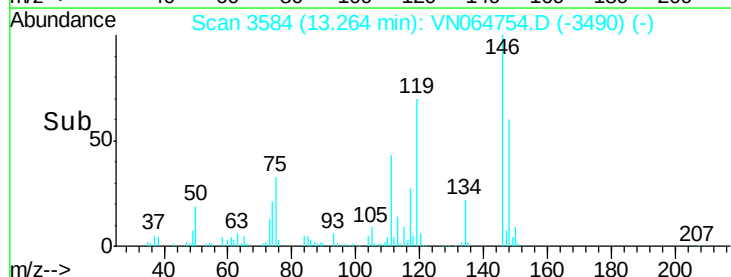
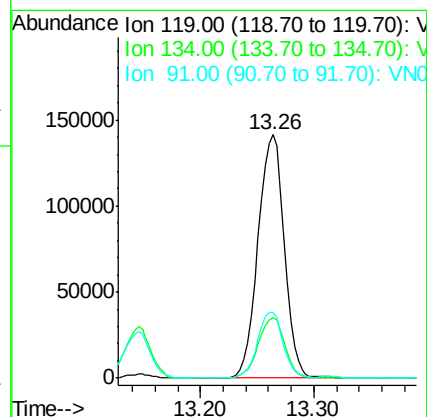
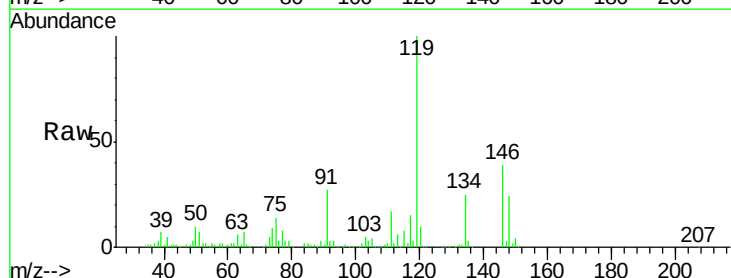
Tgt Ion:119 Resp: 229372

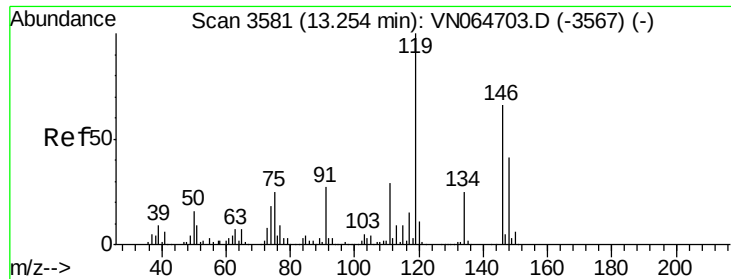
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.0

91 26.1 13.3 39.8





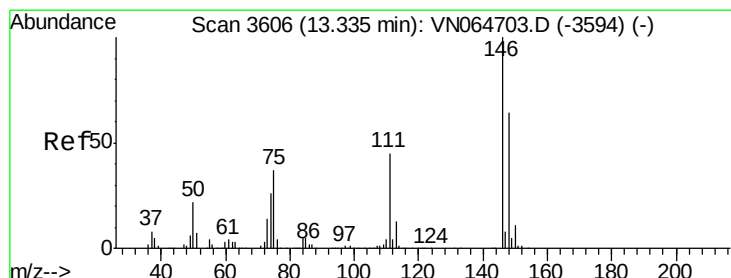
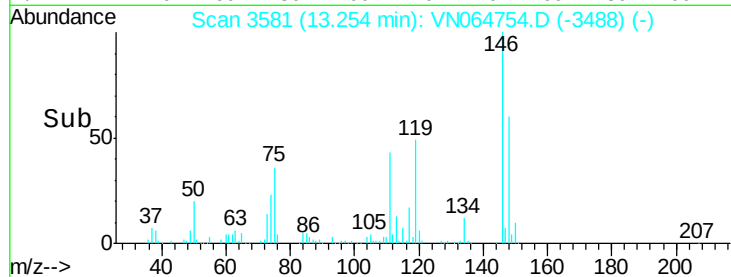
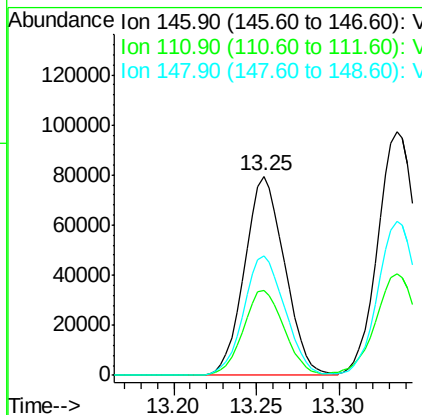
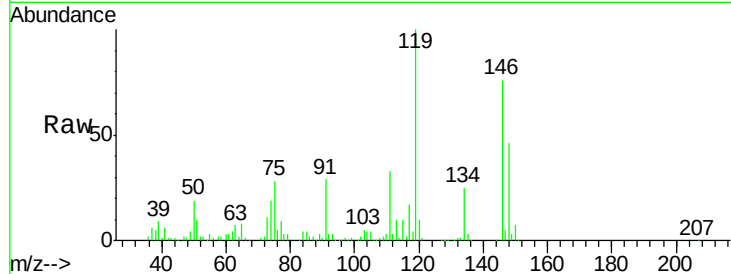
#87
 1,3-Dichlorobenzene
 Concen: 15.687 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.8	65.4
148	61.5	31.5	94.5

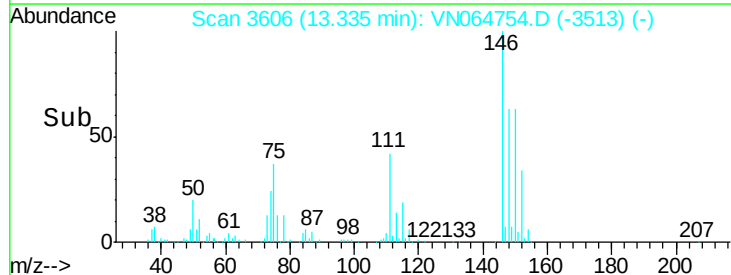
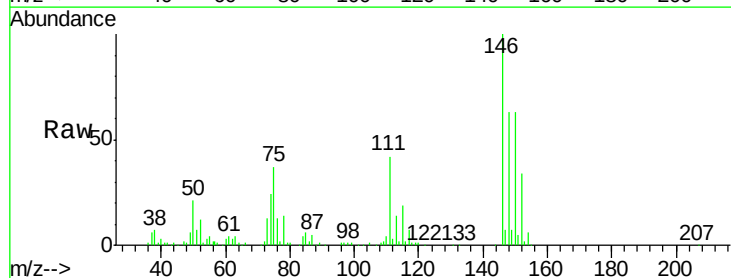
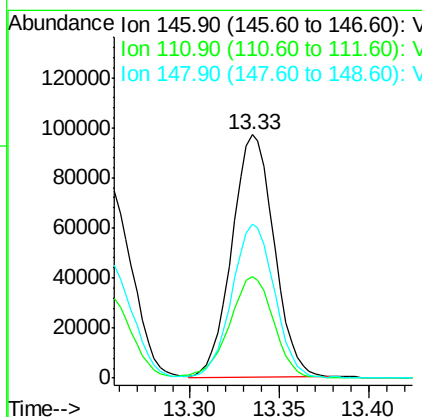
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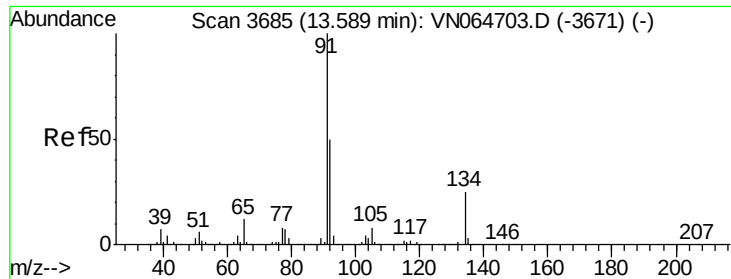
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 11/24/2020 3:11:34 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.093 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.3	66.8
148	63.5	31.6	94.7





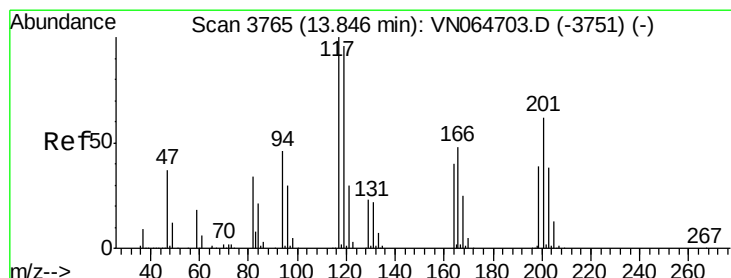
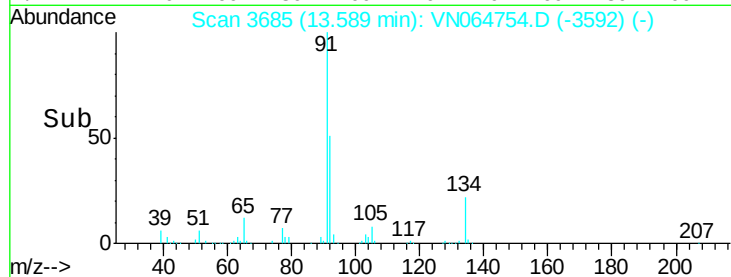
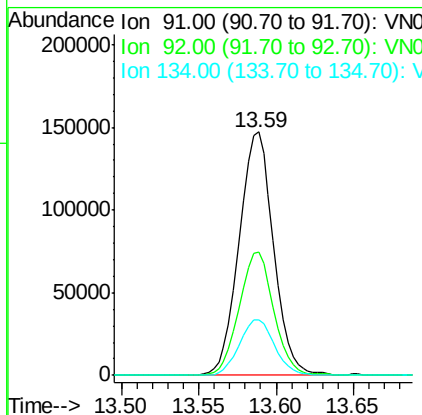
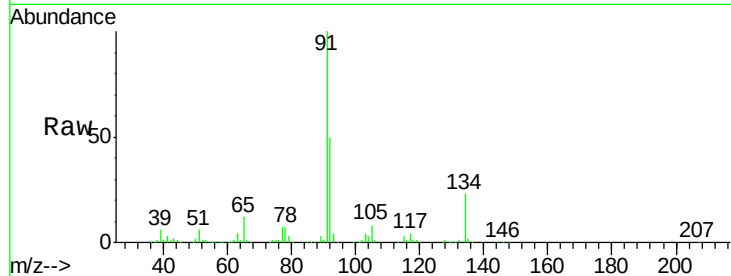
#89
n-Butylbenzene
Concen: 16.678 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	228291		
92	50.9	24.9	74.8	
134	23.5	12.0	36.0	

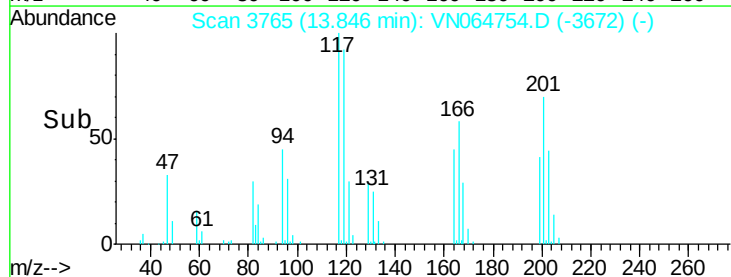
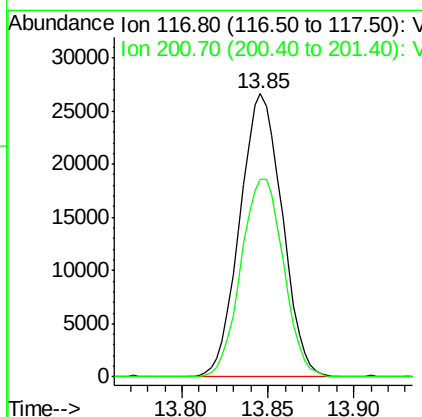
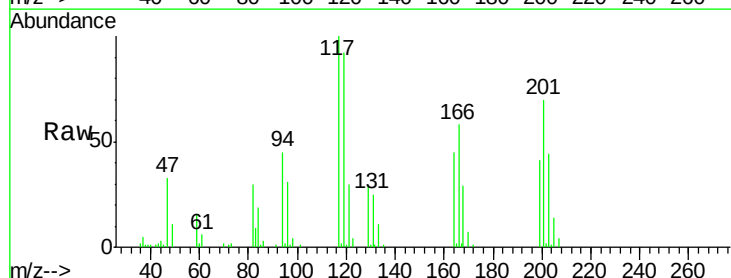
Manual Integrations
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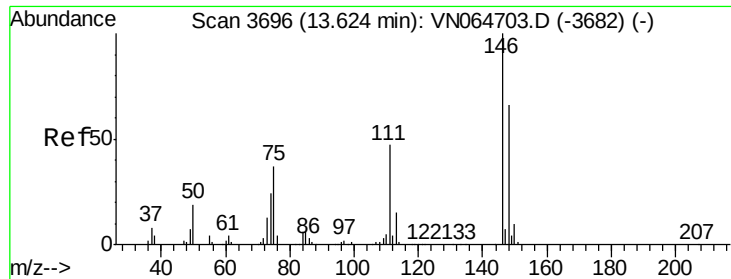
MMDadoda
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#90
Hexachloroethane
Concen: 18.790 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45547		
201	69.9	31.9	95.5	





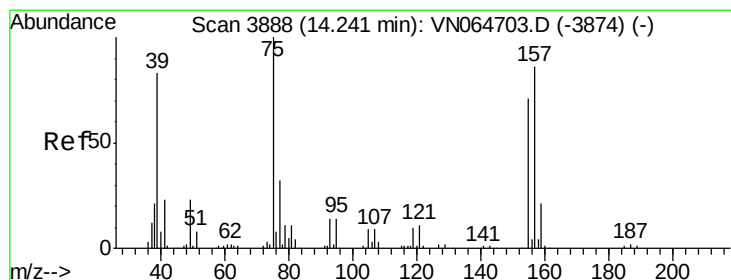
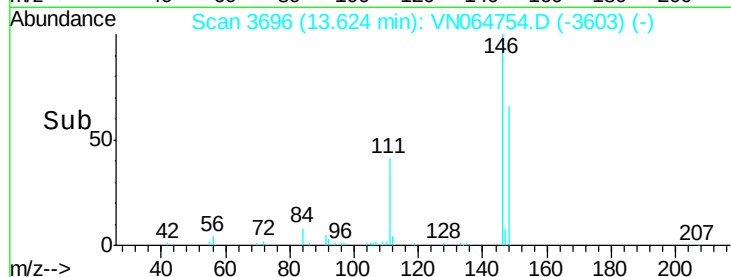
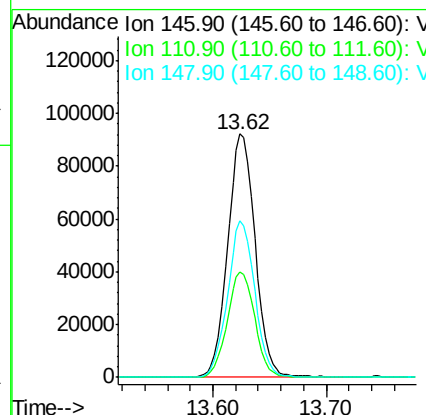
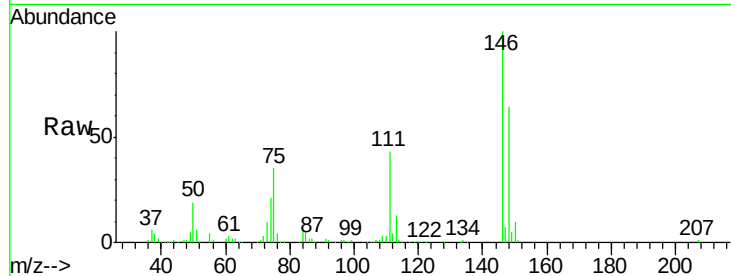
#91
 1,2-Dichlorobenzene
 Concen: 18.659 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	23.1	69.3
148	63.5	32.2	96.6

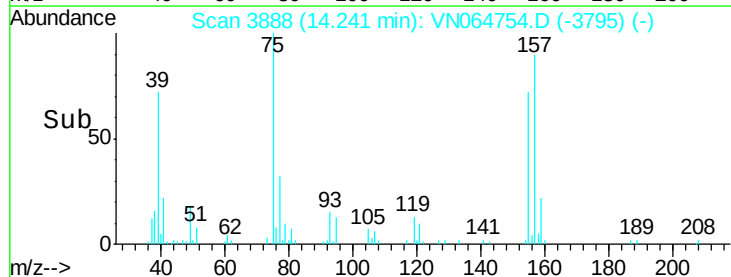
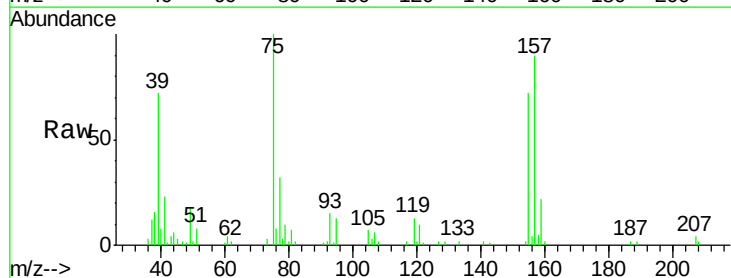
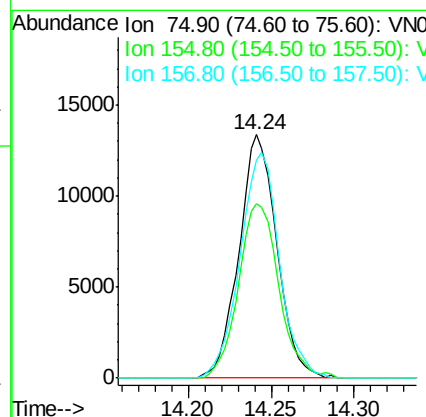
Manual Integrations
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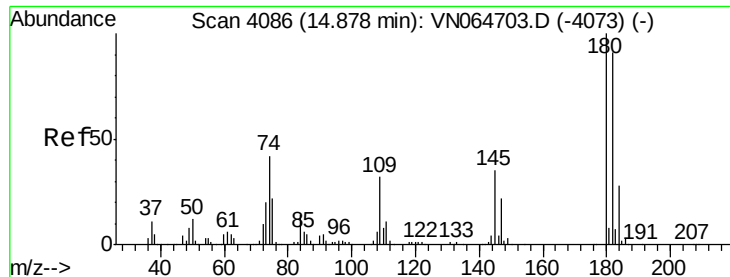
MMDadoda
 11/24/2020 3:11:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.588 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	33.6	100.6
157	96.1	42.4	127.2





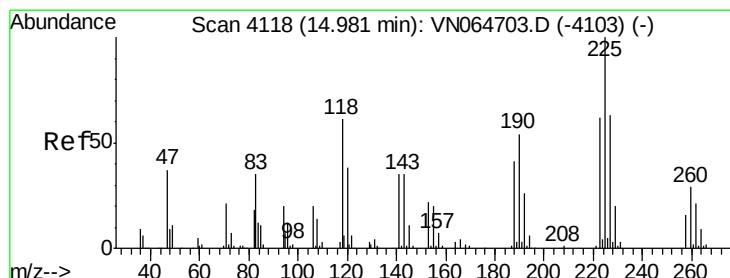
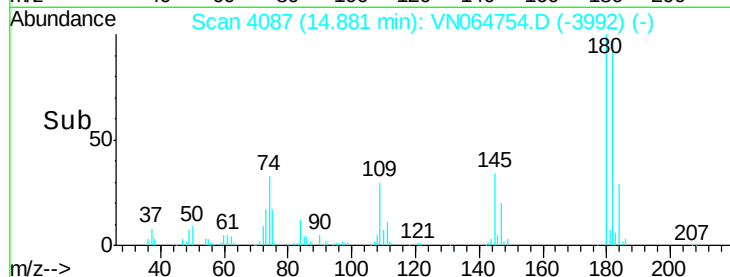
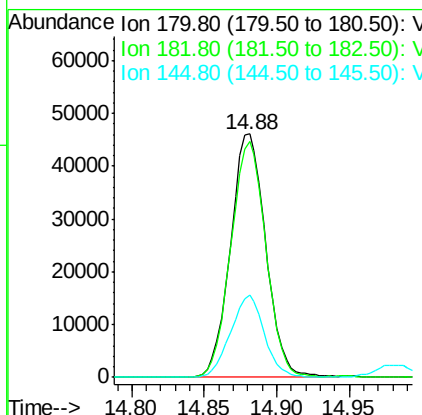
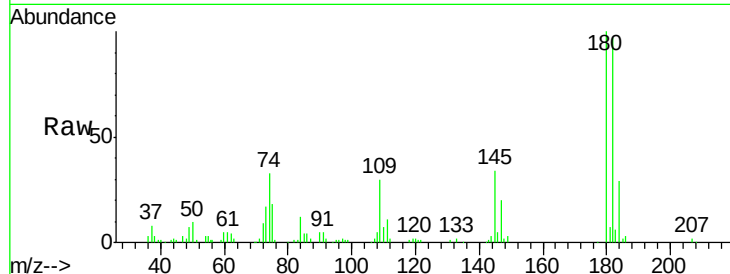
#93
 1,2,4-Trichlorobenzene
 Concen: 17.971 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	141.8
145	32.1	17.5	52.5

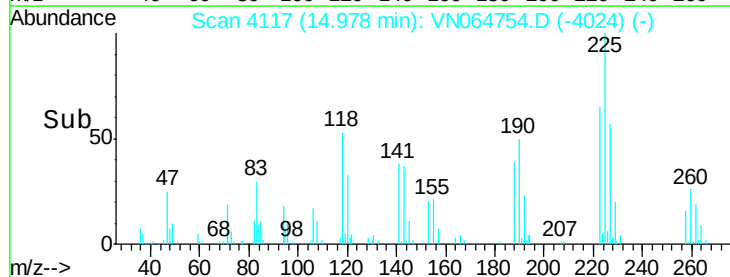
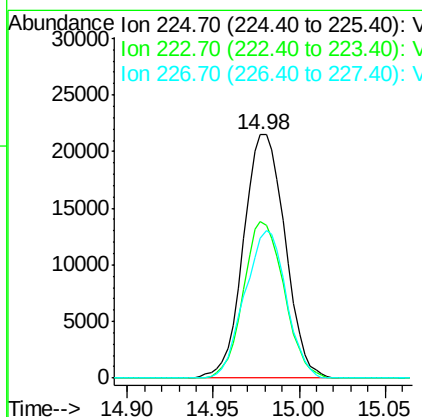
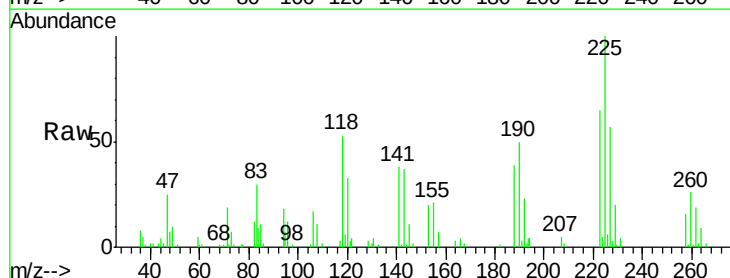
Manual Integrations
 APPROVED

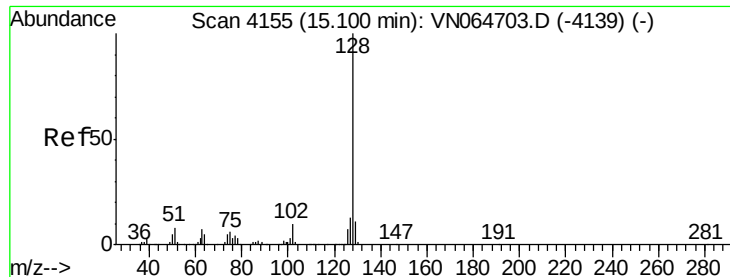
MMDadoda
 11/24/2020 3:11:34 PM



#94
 Hexachlorobutadiene
 Concen: 19.082 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064754.D
 Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	60.3	32.1	96.3





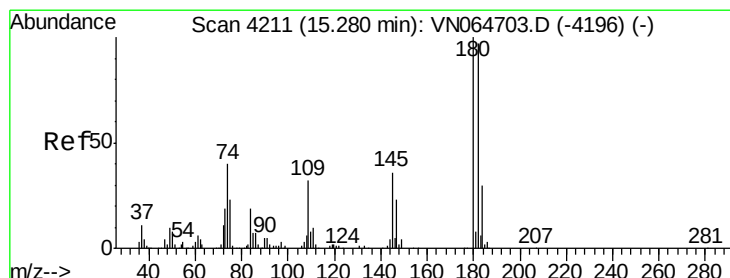
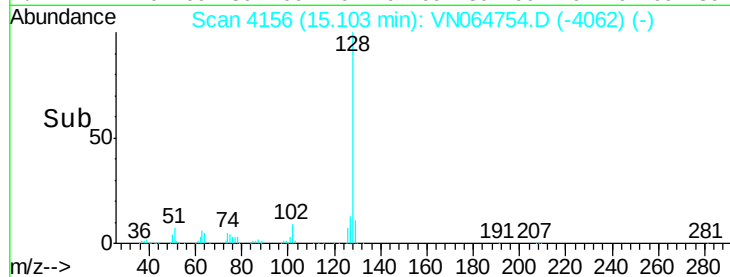
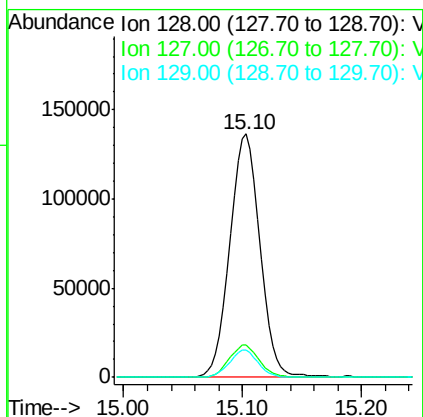
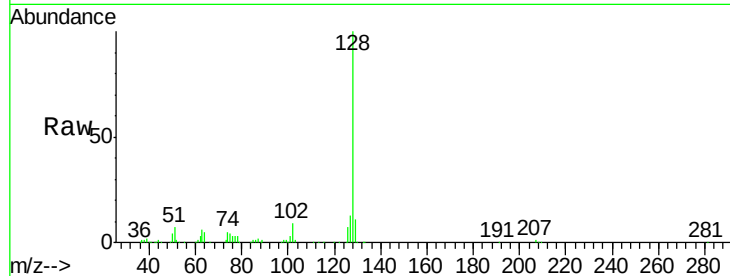
#95
Naphthalene
Concen: 16.298 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Instrument :
MSVOA_N
Client Sampled :
VN1119WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:11:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.952 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064754.D
Acq: 20 Nov 2020 2:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.5
145	35.2	18.1	54.1

