

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063956.D
 Acq On : 7 Oct 2020 20:31
 Operator : JC/MD
 Sample : L4293-04MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:12 AM

Quant Time: Oct 08 06:19:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	278503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	217343	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
35) Dibromofluoromethane	7.55	113	153571	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	10.06	98	567859	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.38	95	217221	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	132361	45.041	ug/l	100
3) Chloromethane	2.04	50	152012	44.085	ug/l	100
4) Vinyl Chloride	2.16	62	155406	44.899	ug/l	99
5) Bromomethane	2.53	94	70246	32.266	ug/l	97
6) Chloroethane	2.67	64	99817	48.262	ug/l	99
7) Trichlorofluoromethane	2.99	101	272017	49.553	ug/l	99
8) Diethyl Ether	3.37	74	90001	48.479	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	139470	47.535	ug/l	97
10) Methyl Iodide	3.91	142	126371	37.095	ug/l	99
11) Tert butyl alcohol	4.73	59	123599	243.318	ug/l	99
12) 1,1-Dichloroethene	3.70	96	131225	46.791	ug/l	94
13) Acrolein	3.57	56	63458	203.544	ug/l	99
14) Allyl chloride	4.28	41	266005	51.055	ug/l	94
15) Acrylonitrile	4.93	53	390583	268.619	ug/l	100
16) Acetone	3.78	43	363116	256.373	ug/l	98
17) Carbon Disulfide	4.01	76	347489	45.901	ug/l	99
18) Methyl Acetate	4.28	43	187532	50.996	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	521557	51.189	ug/l	100
20) Methylene Chloride	4.51	84	161365	49.741	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	149364	47.549	ug/l	97
22) Diisopropyl ether	5.90	45	581677	54.263	ug/l	99
23) Vinyl Acetate	5.85	43	2165063	243.822	ug/l	99
24) 1,1-Dichloroethane	5.80	63	314229	51.268	ug/l	100
25) 2-Butanone	6.78	43	543299	270.561	ug/l	100
26) 2,2-Dichloropropane	6.78	77	218256	38.885	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	176843	48.950	ug/l	99
28) Bromochloromethane	7.15	49	156927	51.803	ug/l	99
29) Tetrahydrofuran	7.17	42	366350	272.019	ug/l	97
30) Chloroform	7.33	83	325908	50.997	ug/l	94
31) Cyclohexane	7.61	56	248736	46.566	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	290437	50.385	ug/l	98
36) 1,1-Dichloropropene	7.76	75	226804	48.968	ug/l	99
37) Ethyl Acetate	6.88	43	220814	47.986	ug/l	99
38) Carbon Tetrachloride	7.74	117	253401	48.790	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	215457	46.647	ug/l	98
40) Benzene	8.00	78	656448	49.621	ug/l	100
41) Methacrylonitrile	7.13	41	115368	56.411	ug/l	95
42) 1,2-Dichloroethane	8.09	62	278737	49.359	ug/l	100
43) Isopropyl Acetate	8.13	43	390321	51.424	ug/l	99
44) Trichloroethene	8.80	130	167144	48.221	ug/l	98
45) 1,2-Dichloropropane	9.08	63	183281	51.299	ug/l	99
46) Dibromomethane	9.17	93	121632	49.350	ug/l	98
47) Bromodichloromethane	9.37	83	257640	50.721	ug/l	98
48) Methyl methacrylate	9.17	41	207641	55.371	ug/l	91
49) 1,4-Dioxane	9.16	88	48657	912.955	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1232285	276.653	ug/l	99
52) Toluene	10.13	92	419535	51.271	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	272088	49.970	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	275750	48.424	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	168392	51.315	ug/l	99
56) Ethyl methacrylate	10.40	69	253138	54.421	ug/l	97
57) 1,3-Dichloropropane	10.68	76	291480	52.502	ug/l	99
59) 2-Hexanone	10.72	43	893243	269.951	ug/l	99
60) Dibromochloromethane	10.87	129	195359	51.119	ug/l	99
61) 1,2-Dibromoethane	10.98	107	174070	51.856	ug/l	98
64) Tetrachloroethene	10.60	164	148235	44.919	ug/l	98
65) Chlorobenzene	11.41	112	443463	50.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	176221	52.534	ug/l	99
67) Ethyl Benzene	11.49	91	827360	51.965	ug/l	98
68) m/p-Xylenes	11.60	106	608334	102.519	ug/l	99
69) o-Xylene	11.92	106	294109	53.029	ug/l	98
70) Stvrene	11.94	104	502426	53.367	ug/l	99
71) Bromoform	12.10	173	133645	52.093	ug/l #	97
73) Isopropylbenzene	12.23	105	772970	49.510	ug/l	99
74) N-amyl acetate	12.05	43	334198	46.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	240689	50.415	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	229812m	48.705	ug/l	
77) Bromobenzene	12.50	156	197556	51.569	ug/l	97
78) n-propylbenzene	12.57	91	887014	48.818	ug/l	100
79) 2-Chlorotoluene	12.65	91	551017	49.310	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	662041	50.545	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	77661	47.405	ug/l	99
82) 4-Chlorotoluene	12.75	91	572637	49.363	ug/l	97
83) tert-Butylbenzene	12.97	119	536625	50.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	669503	51.197	ug/l	98
85) sec-Butylbenzene	13.15	105	692709	49.226	ug/l	100
86) p-Isopropyltoluene	13.26	119	629422	50.561	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	346505	49.997	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	341394	47.309	ug/l	99
89) n-Butylbenzene	13.59	91	526392	45.814	ug/l	99
90) Hexachloroethane	13.85	117	114807	47.592	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	340359	49.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54240	48.445	ug/l	96
93) 1,2,4-Trichlorobenzene	14.88	180	168563	45.327	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	88844	47.737	ug/l	97
95) Naphthalene	15.10	128	613729	53.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	166956	46.238	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

Tot Ion:168 Resp: 278503

Ion Ratio Lower Upper

168 100

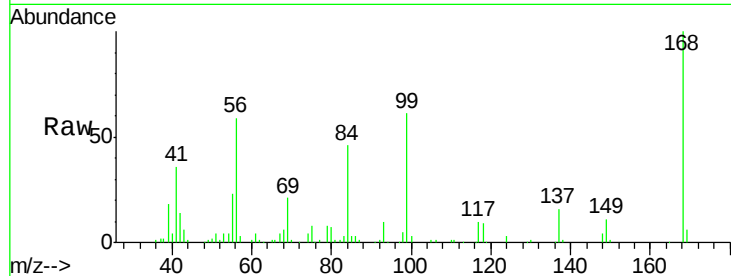
99 61.0 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

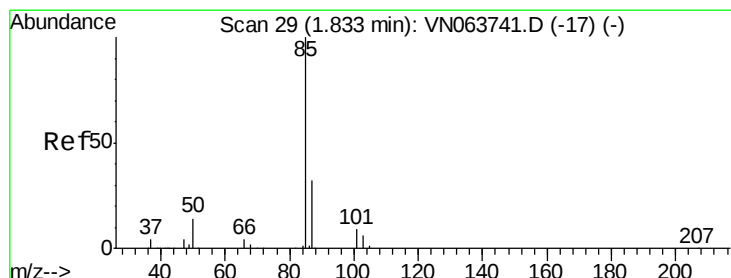
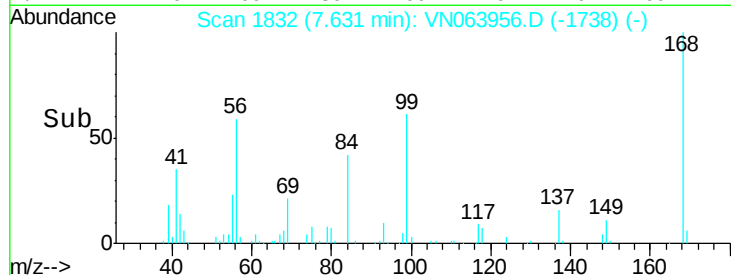
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.041 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063956.D

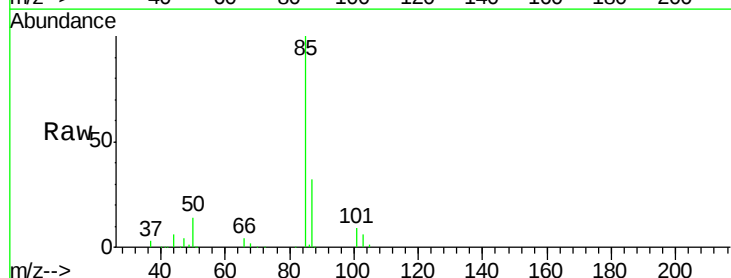
Acq: 7 Oct 2020 20:31

Tgt Ion: 85 Resp: 132361

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

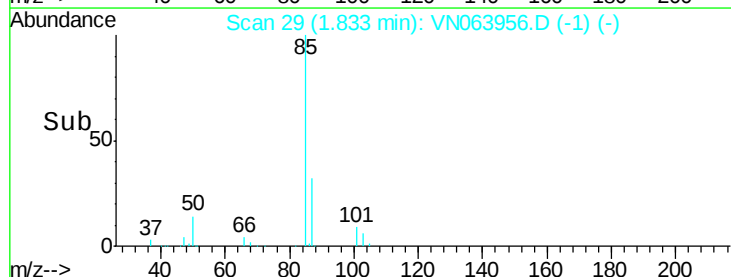
60000

40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 44.085 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

Tot Ion: 50 Resp: 152012

Ion Ratio Lower Upper

50 100

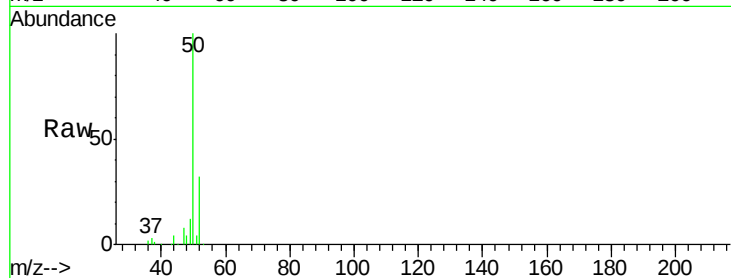
52 32.5 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

120000

100000

80000

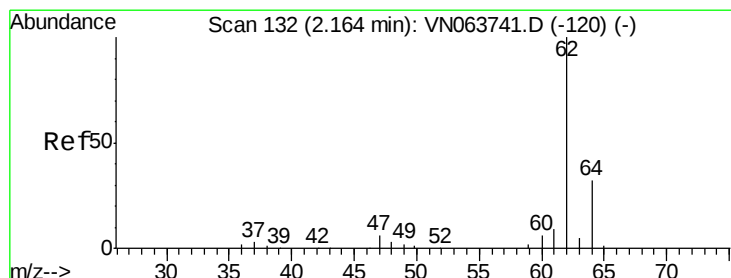
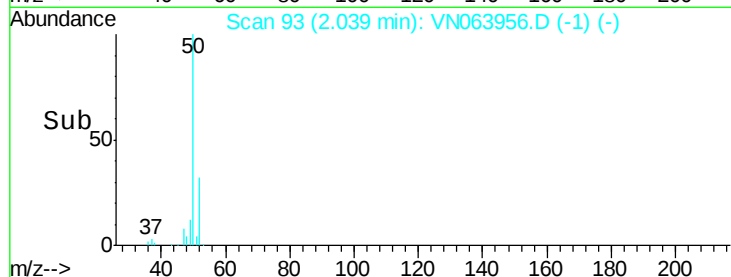
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 44.899 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063956.D

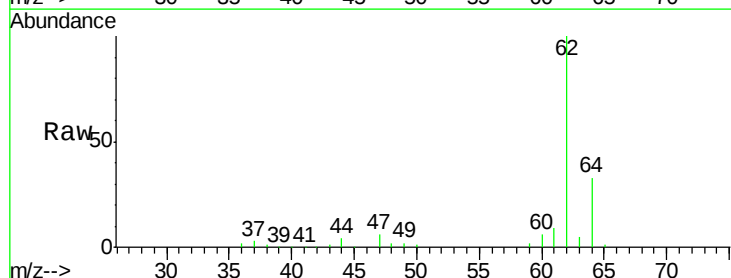
Acq: 7 Oct 2020 20:31

Tgt Ion: 62 Resp: 155406

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

120000

100000

80000

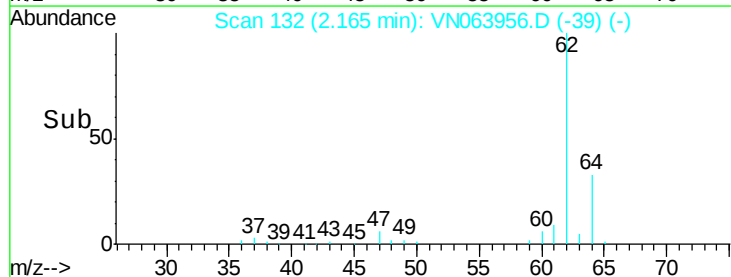
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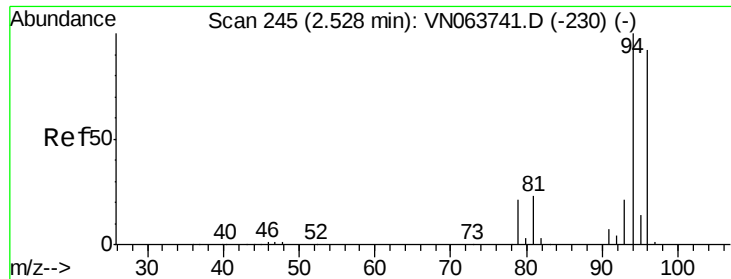
40000

20000

0

Time-->





#5

Bromomethane

Concen: 32.266 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

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Acq: 7 Oct 2020 20:31

Instrument :

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Tot Ion: 94 Resp: 70246

Ion Ratio Lower Upper

94 100

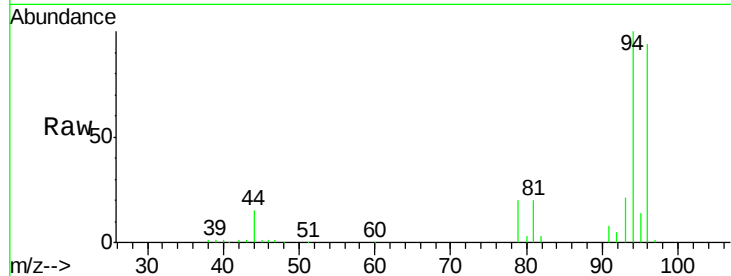
96 94.2 73.3 109.9

Manual Integrations

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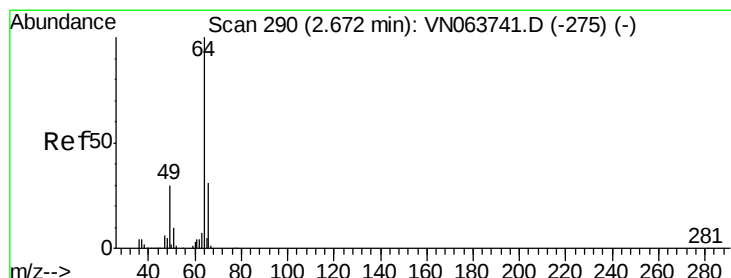
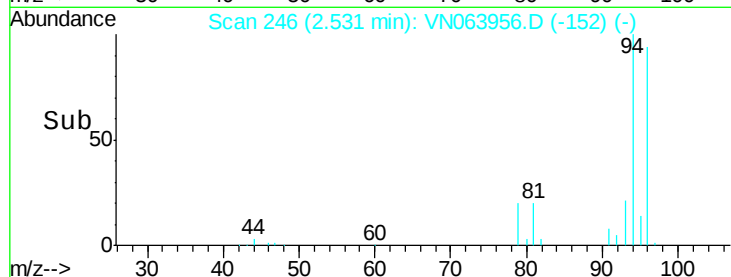
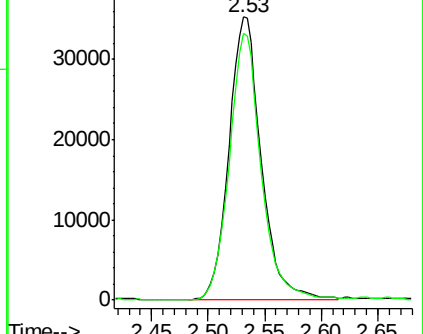
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 48.262 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063956.D

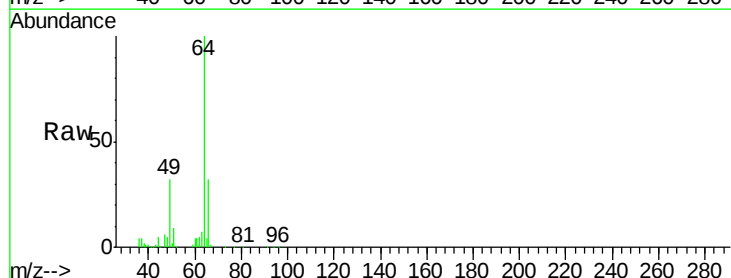
Acq: 7 Oct 2020 20:31

Tgt Ion: 64 Resp: 99817

Ion Ratio Lower Upper

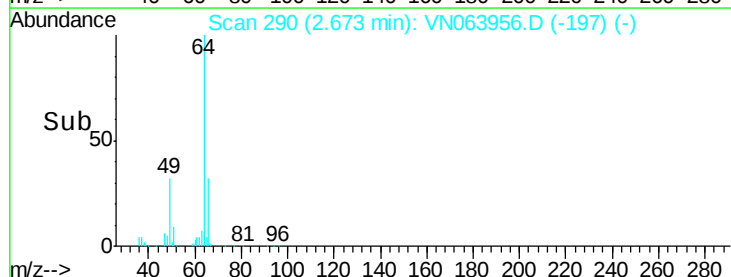
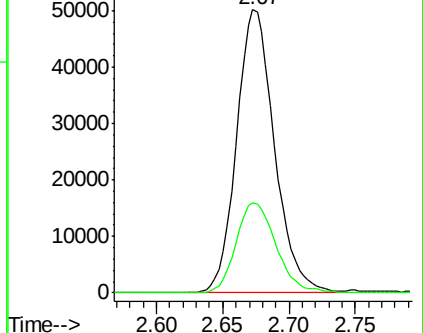
64 100

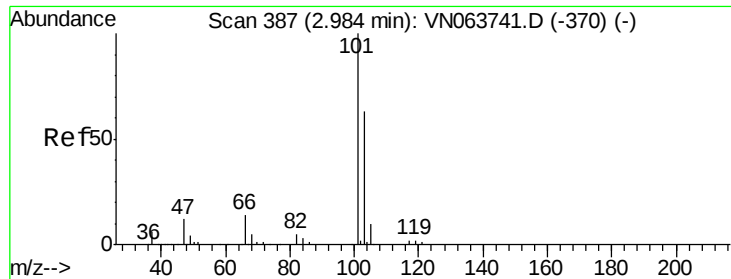
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

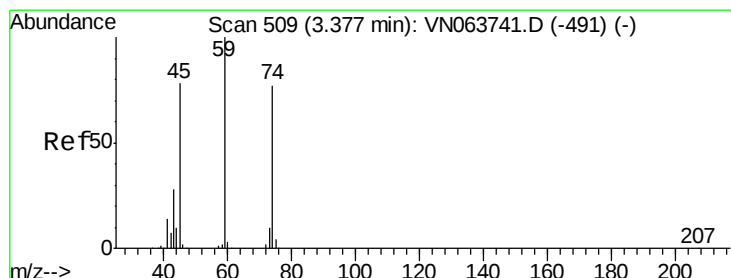
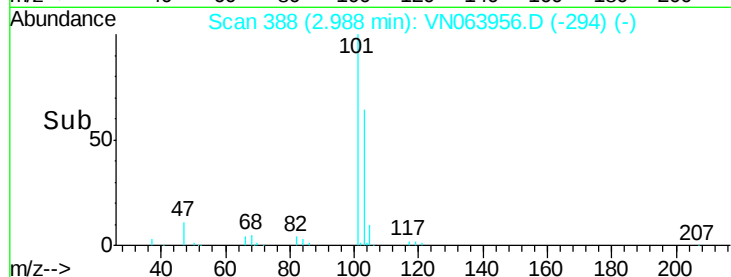
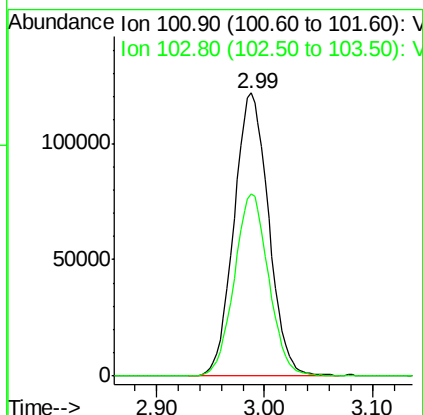
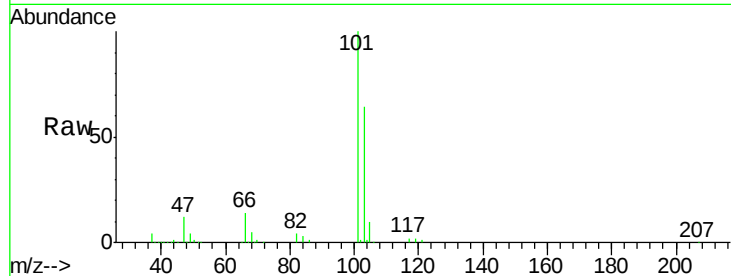
Trichlorofluoromethane
Concen: 49.553 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.7	76.1

Manual Integrations
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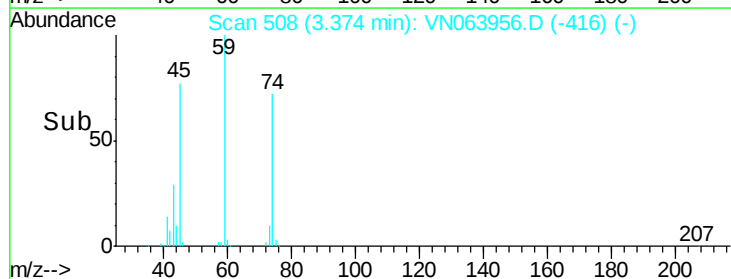
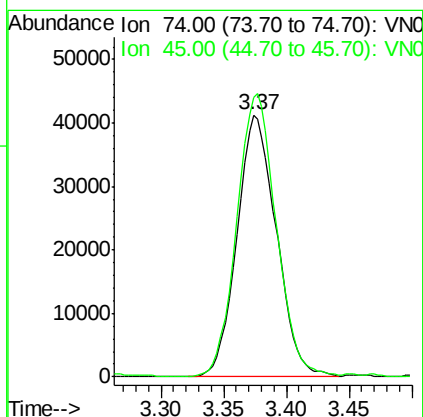
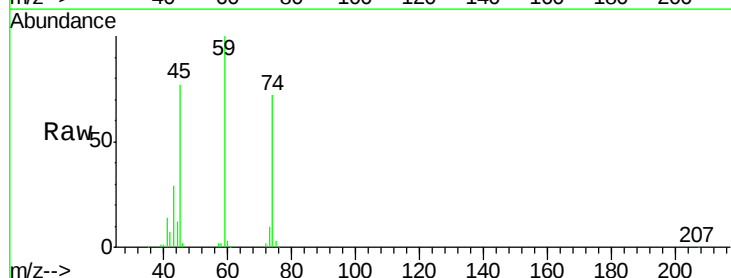
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10/8/2020 10:09:12 AM



#8

Diethyl Ether
Concen: 48.479 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.5	50.9	152.8





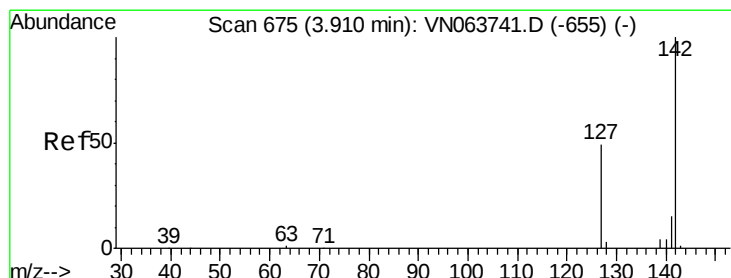
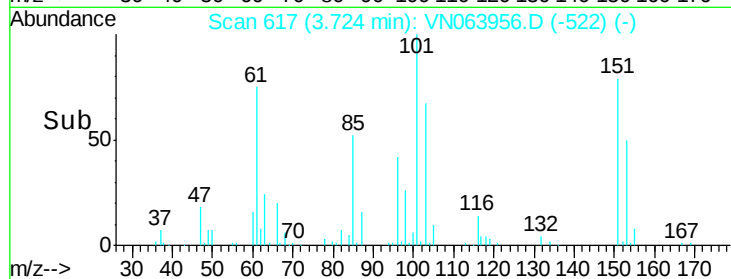
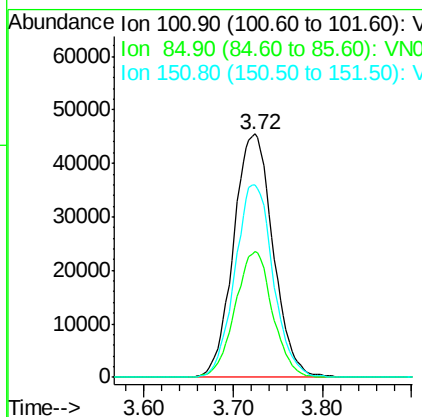
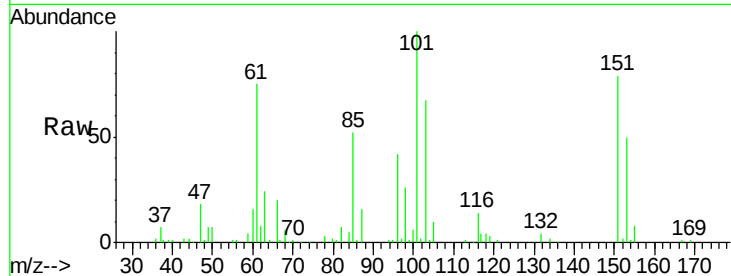
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.535 ug/l
RT: 3.72 min Scan# 617
Delta R.T. 0.01 min
Lab File: VN063956.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	49.2	38.6	58.0
151	76.9	58.7	88.1

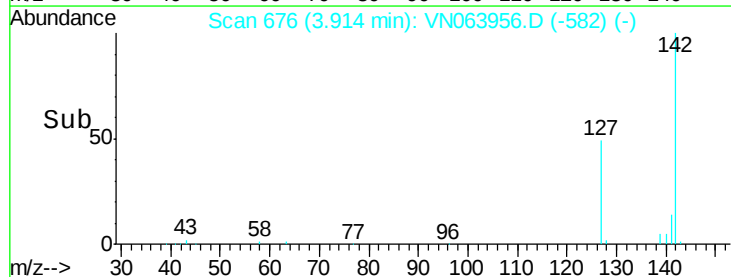
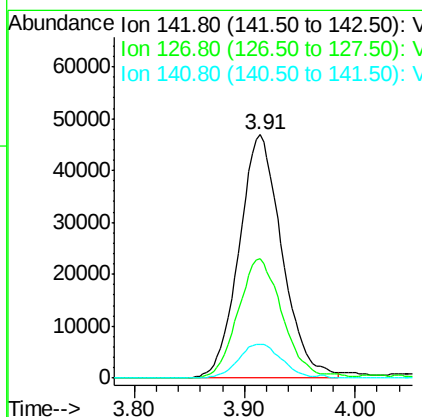
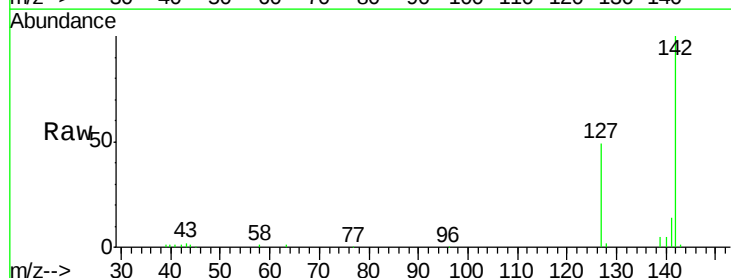
Manual Integrations
APPROVED

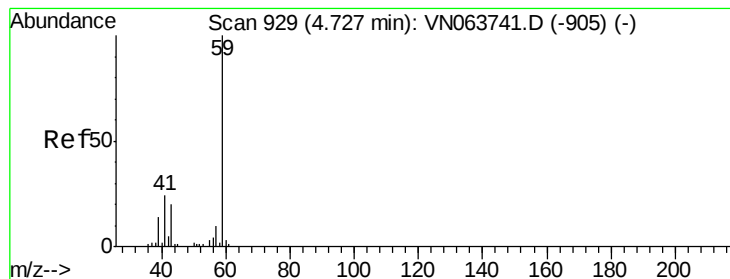
MMDadoda
10/8/2020 10:09:12 AM



#10
Methyl Iodide
Concen: 37.095 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
142	100		
127	51.0	40.5	60.7
141	14.1	11.7	17.5





#11

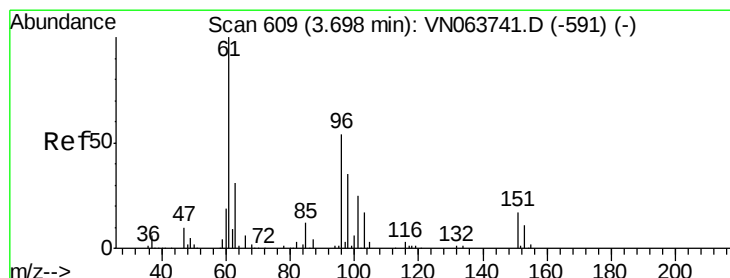
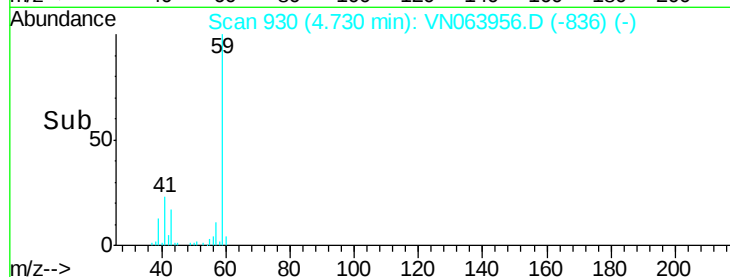
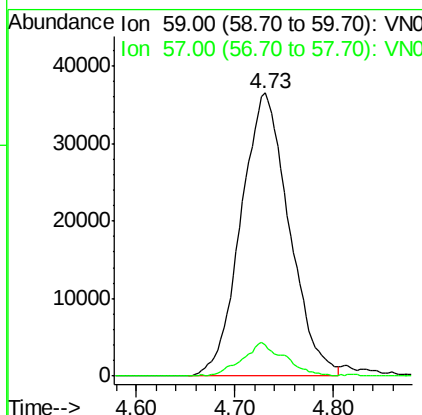
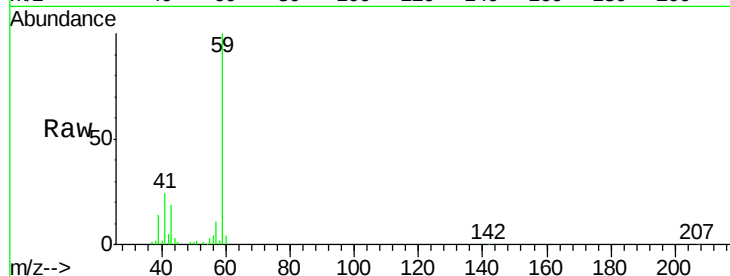
Tert butyl alcohol
Concen: 243.318 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.7	13.1

Manual Integrations
APPROVED

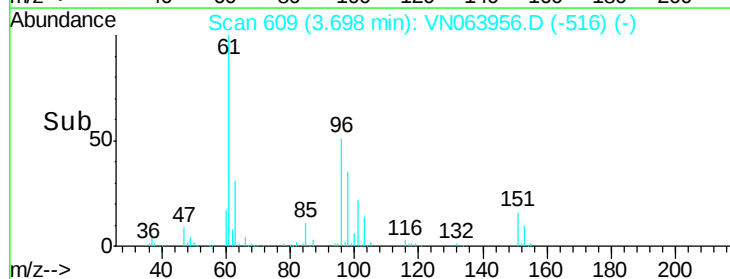
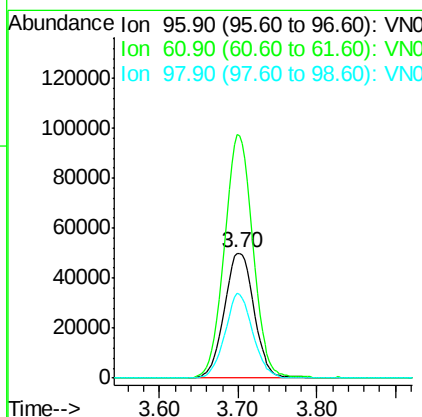
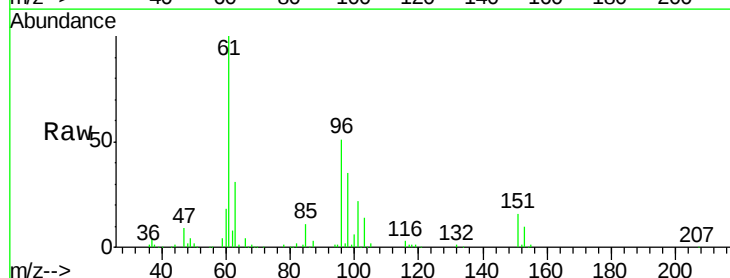
MMDadoda
10/8/2020 10:09:12 AM

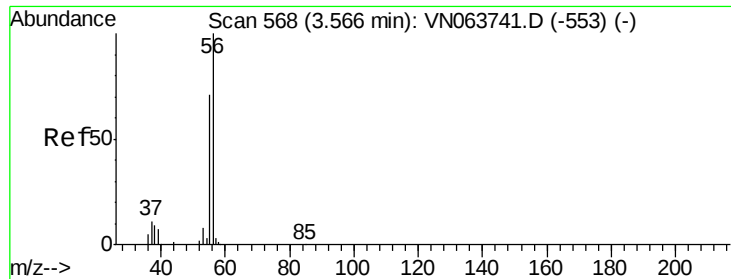


#12

1,1-Dichloroethene
Concen: 46.791 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	194.6	147.7	221.5
98	67.4	51.9	77.9





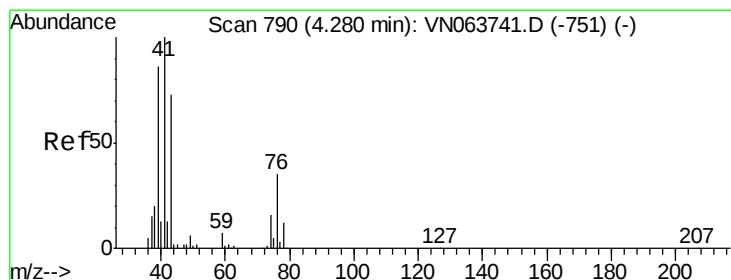
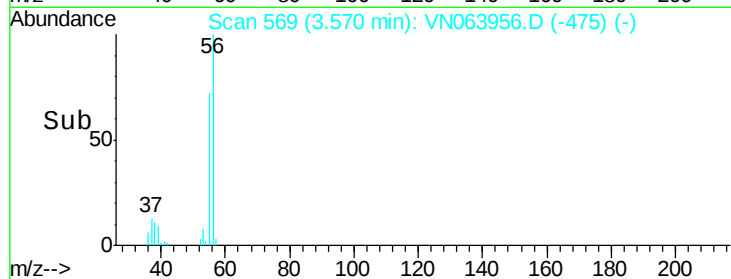
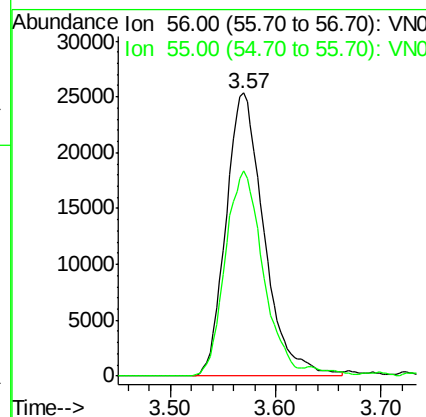
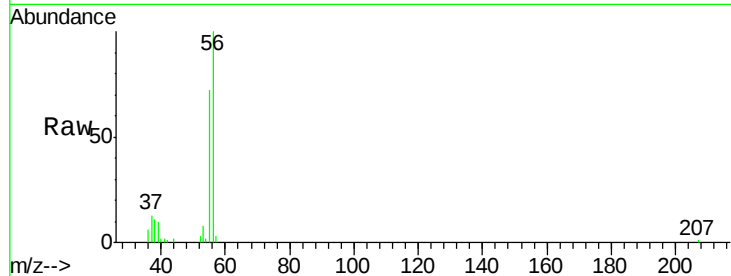
#13
Acrolein
Concen: 203.544 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	56	Resp	63458
Ion Ratio	Lower	Upper	
56	100		
55	71.6	56.9	85.3

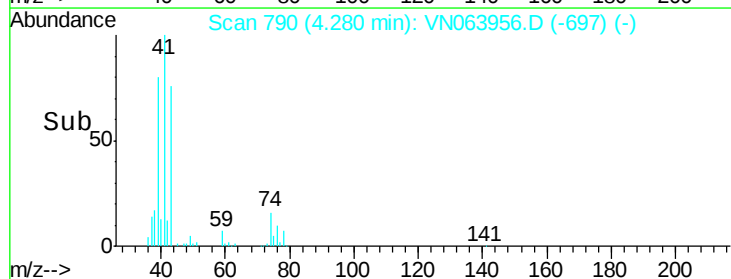
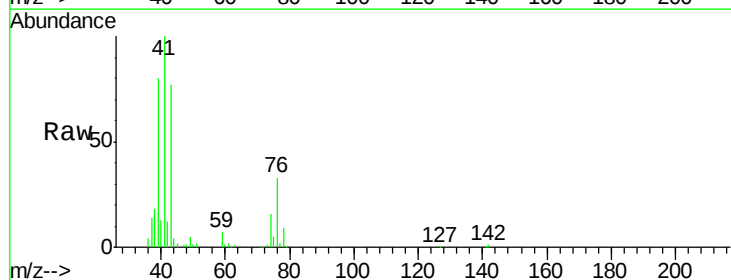
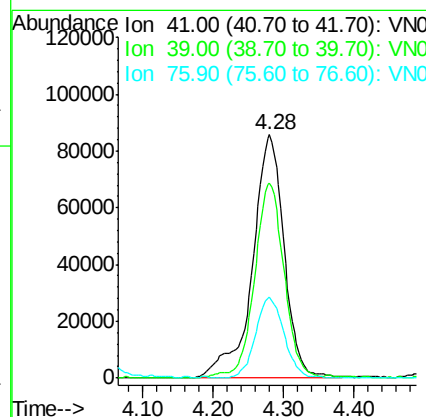
Manual Integrations
APPROVED

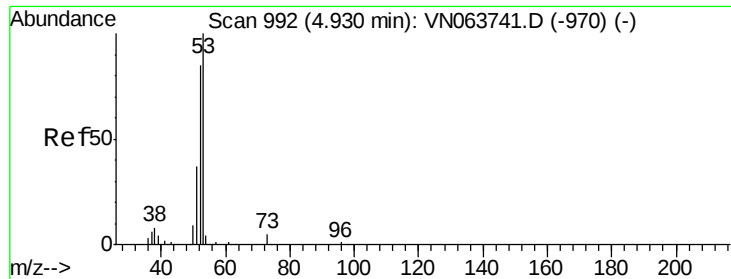
MMDadoda
10/8/2020 10:09:12 AM



#14
Allyl chloride
Concen: 51.055 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	41	Resp	266005
Ion Ratio	Lower	Upper	
41	100		
39	75.3	64.5	96.7
76	29.6	25.9	38.9





#15

Acrylonitrile

Concen: 268.619 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

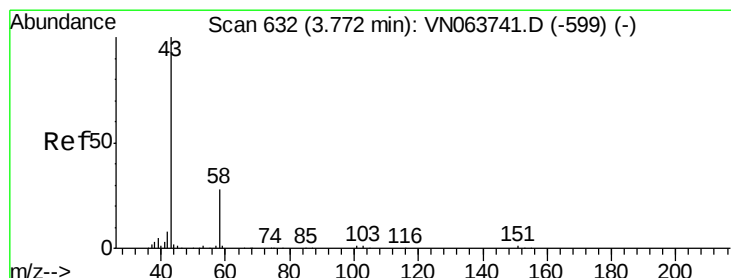
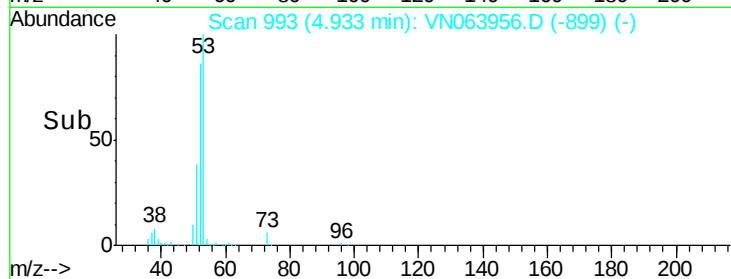
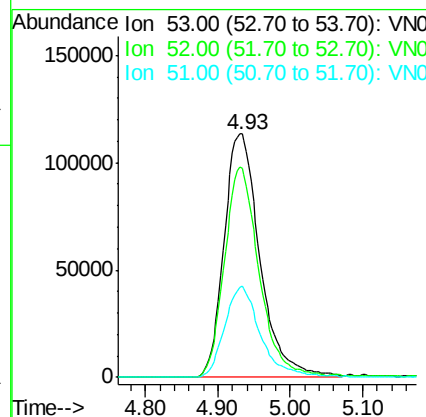
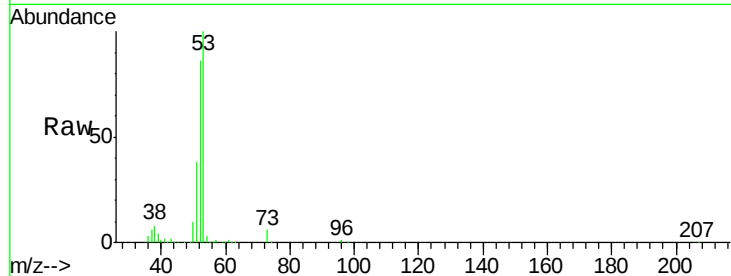
ClientSampleId :

B-6-MW-2MS

Tot Ion:	53	Resp:	390583
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.5	99.7
51	37.2	29.9	44.9

Manual Integrations
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MMDadoda
10/8/2020 10:09:12 AM



#16

Acetone

Concen: 256.373 ug/l

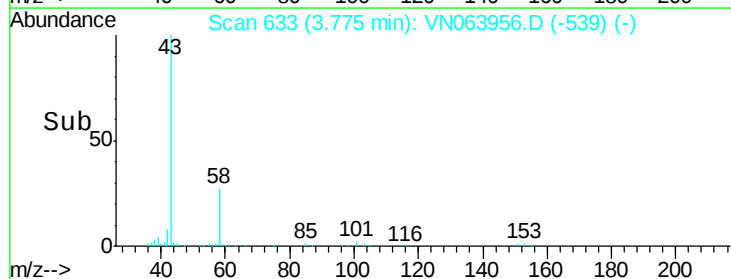
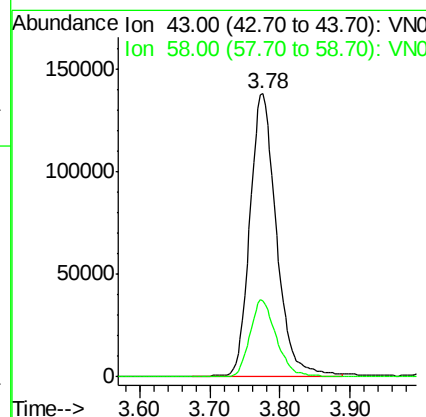
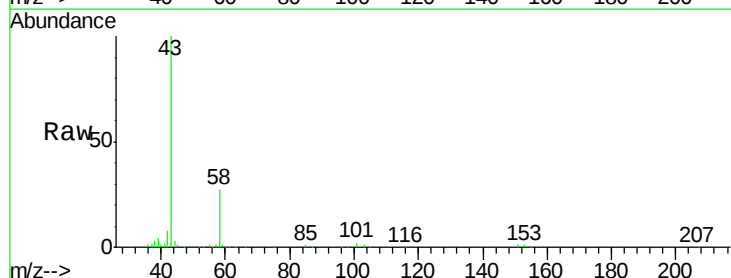
RT: 3.78 min Scan# 633

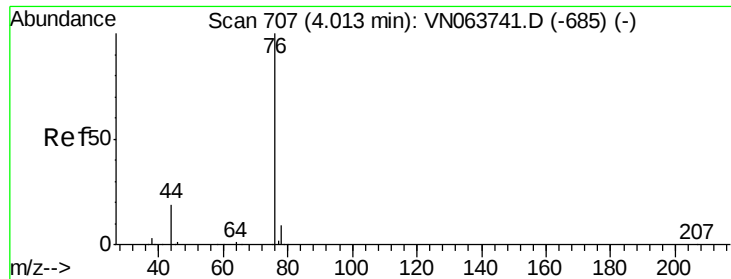
Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Tgt Ion:	43	Resp:	363116
Ion Ratio		Lower	Upper
43	100		
58	27.0	22.3	33.5





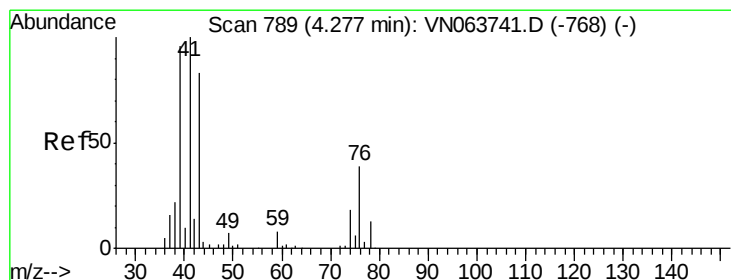
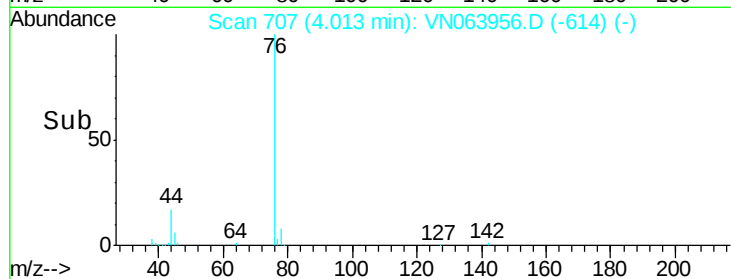
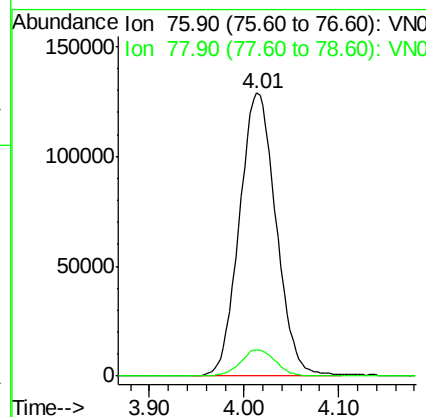
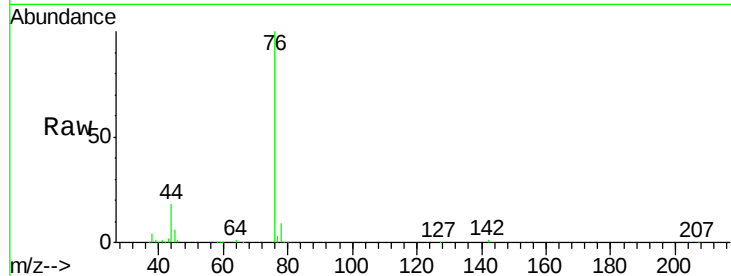
#17
Carbon Disulfide
Concen: 45.901 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.4

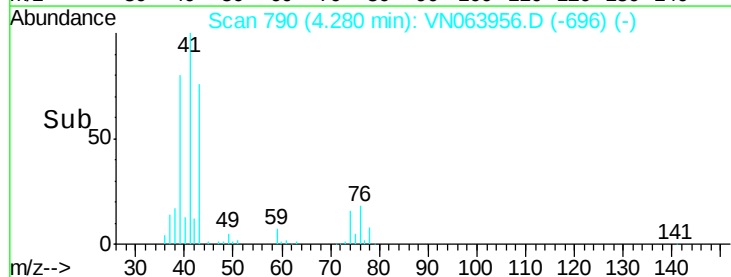
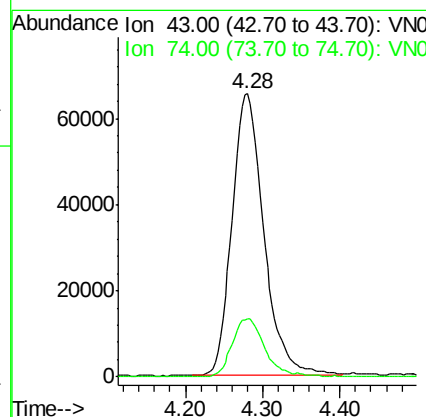
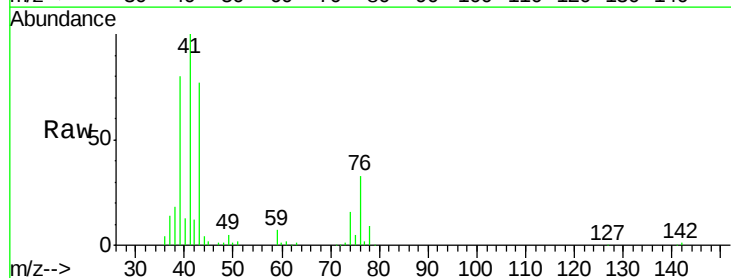
Manual Integrations
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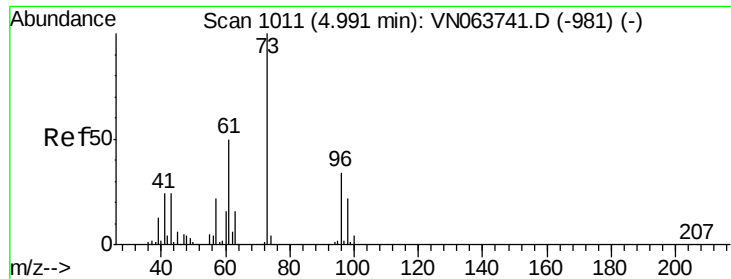
MMDadoda
10/8/2020 10:09:12 AM



#18
Methyl Acetate
Concen: 50.996 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	17.4	26.2





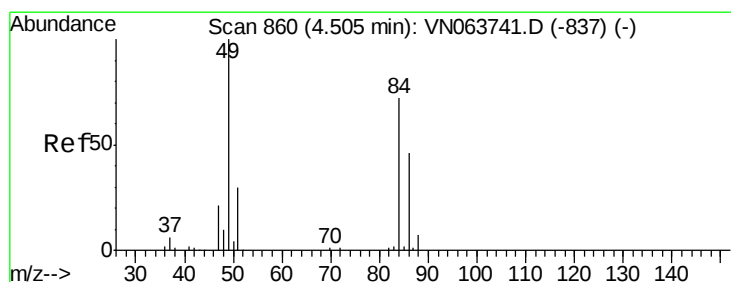
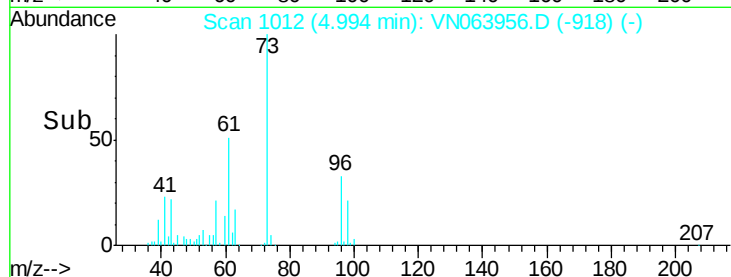
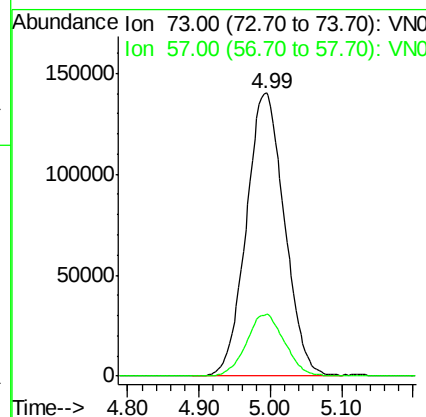
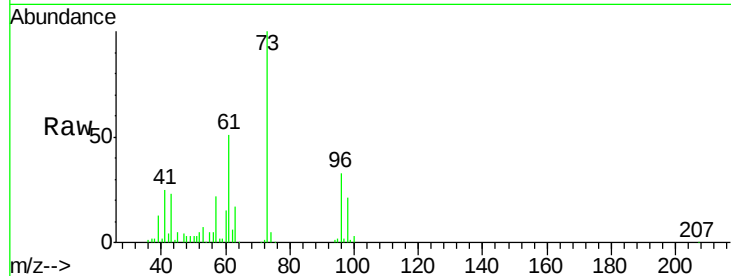
#19
Methvl tert-butvl Ether
Concen: 51.189 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion: 73 Resp: 521557
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

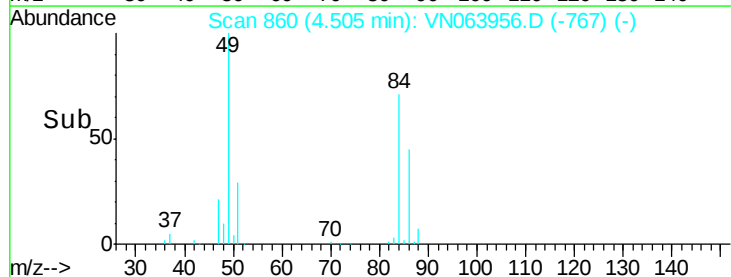
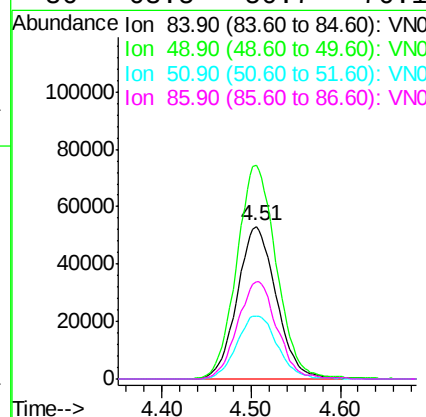
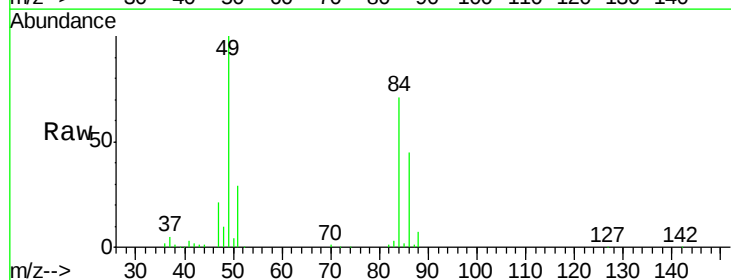
Manual Integrations
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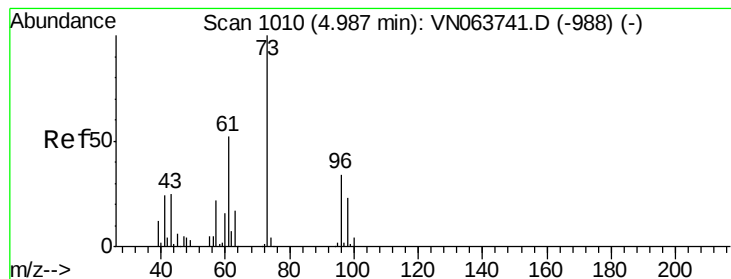
MMDadoda
10/8/2020 10:09:12 AM



#20
Methylene Chloride
Concen: 49.741 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 84 Resp: 161365
Ion Ratio Lower Upper
84 100
49 139.7 110.4 165.6
51 41.2 33.3 49.9
86 63.5 50.7 76.1





#21

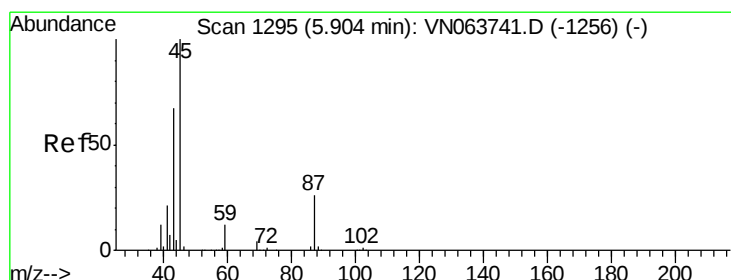
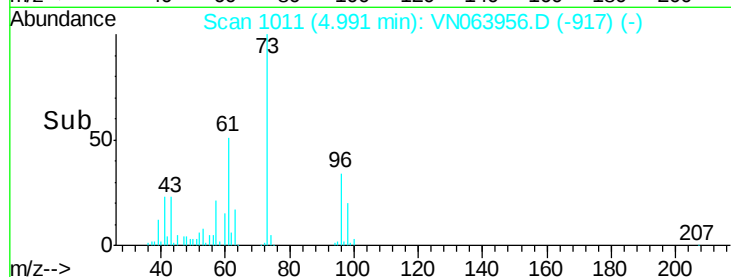
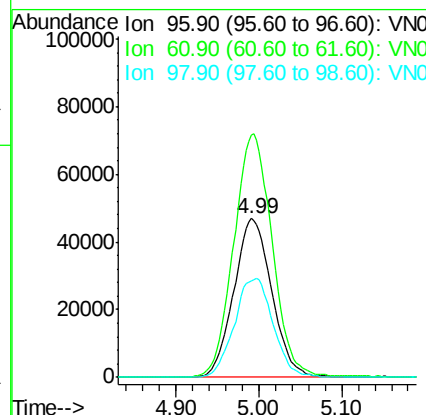
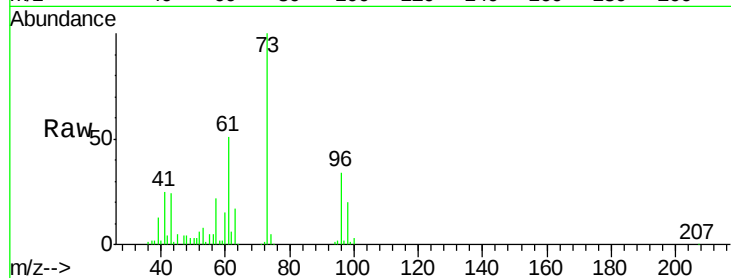
trans-1,2-Dichloroethene
Concen: 47.549 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.1	120.2	180.2
98	60.9	52.6	79.0

Manual Integrations
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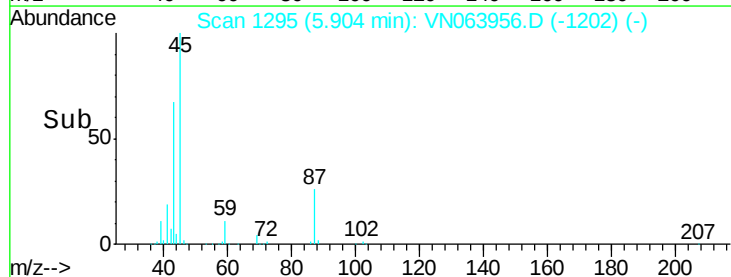
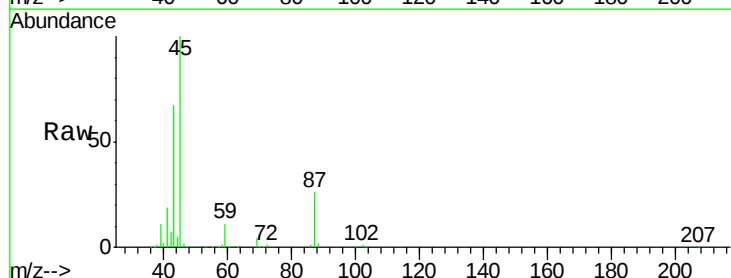
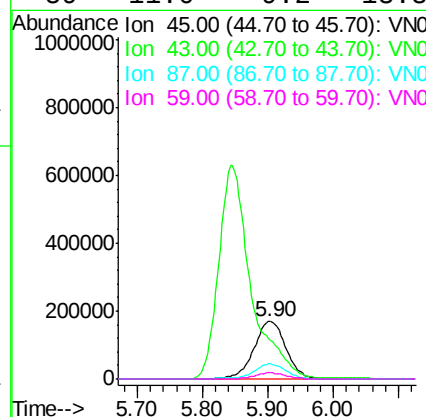
MMDadoda
10/8/2020 10:09:12 AM

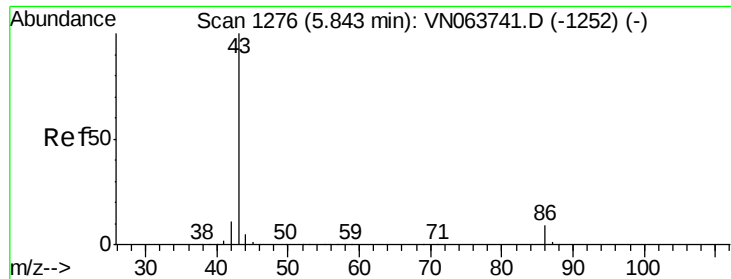


#22

Diisopropyl ether
Concen: 54.263 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.6	53.7	80.5
87	26.2	21.1	31.7
59	11.0	9.2	13.8





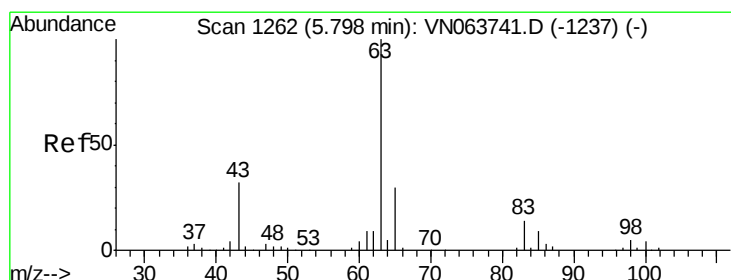
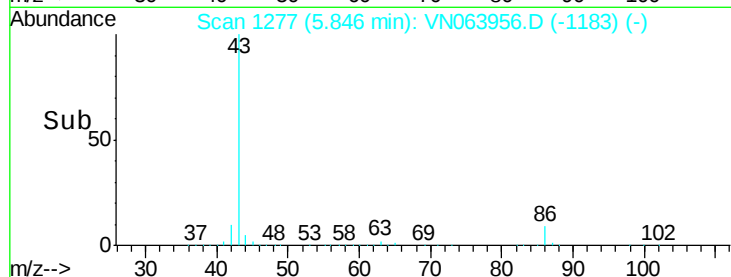
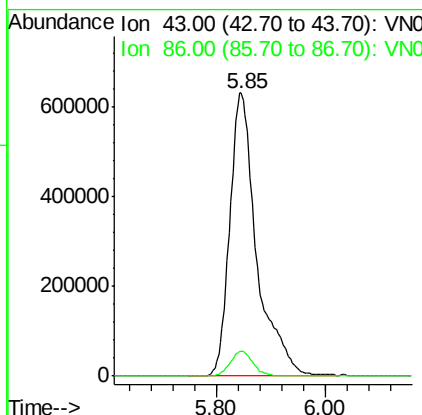
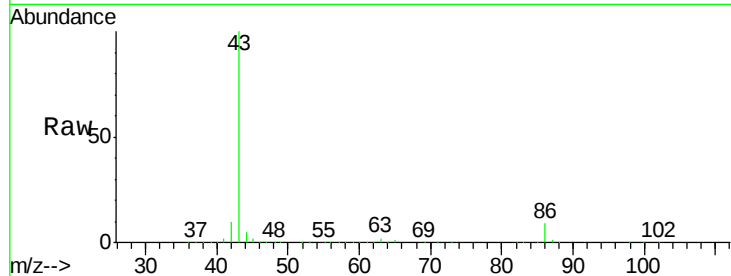
#23
 Vinyl Acetate
 Concen: 243.822 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Tot Ion: 43 Resp: 2165063
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9

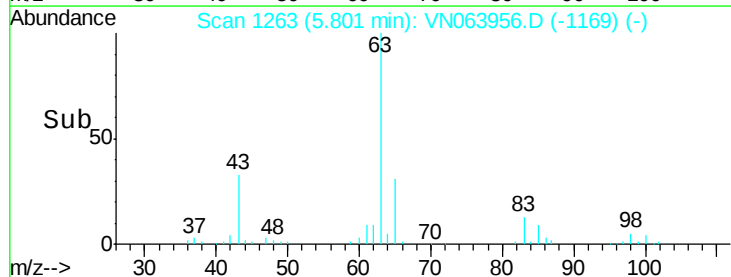
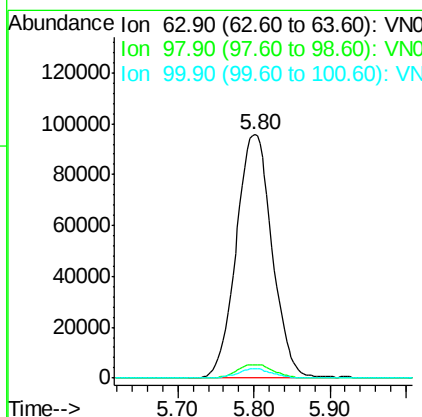
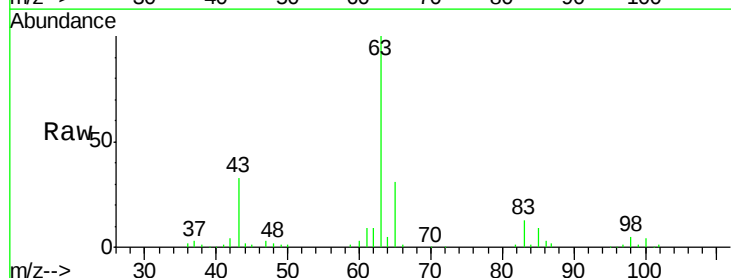
Manual Integrations
 APPROVED

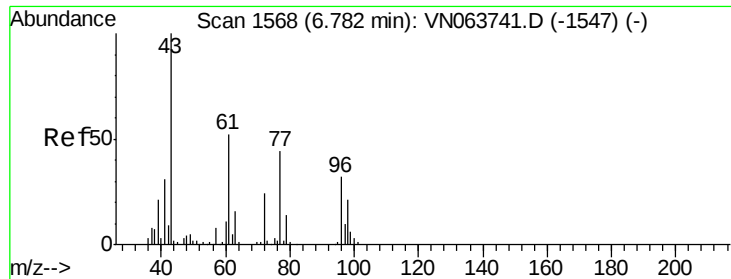
MMDadoda
 10/8/2020 10:09:12 AM



#24
 1,1-Dichloroethane
 Concen: 51.268 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 63 Resp: 314229
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.7 8.1
 100 3.9 1.9 5.7





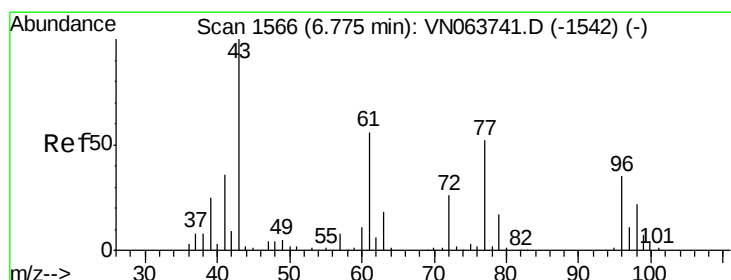
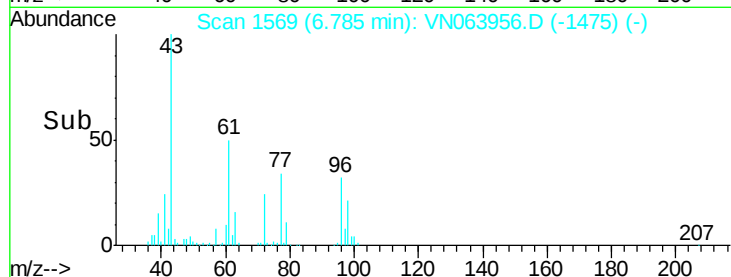
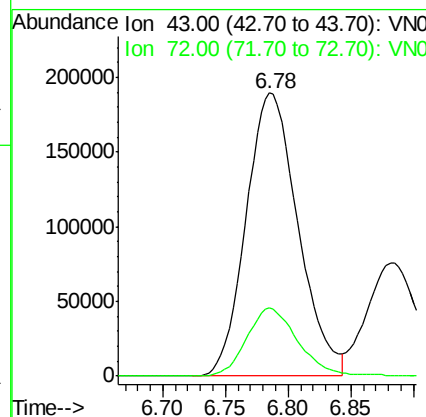
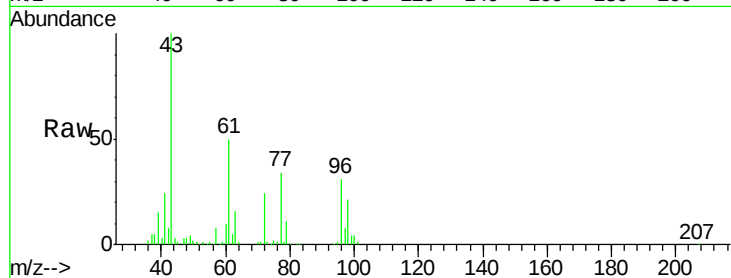
#25
2-Butanone
Concen: 270.561 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

Tot Ion: 43 Resp: 543299
Ion Ratio Lower Upper
43 100
72 24.3 19.3 28.9

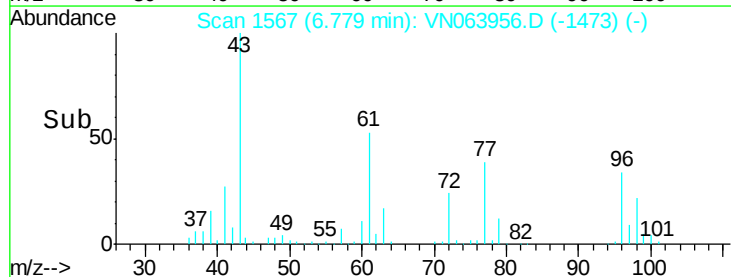
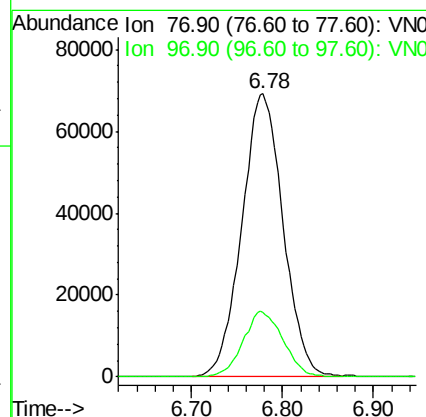
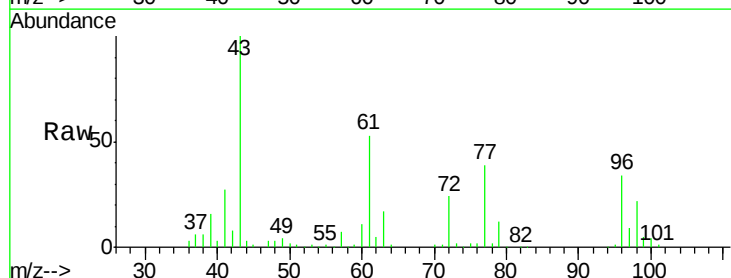
Manual Integrations
APPROVED

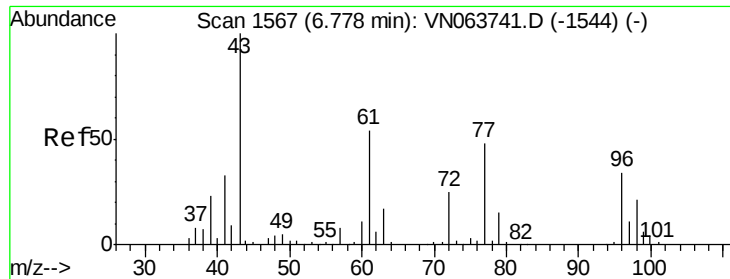
MMDadoda
10/8/2020 10:09:12 AM



#26
2,2-Dichloropropane
Concen: 38.885 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 77 Resp: 218256
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.950 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

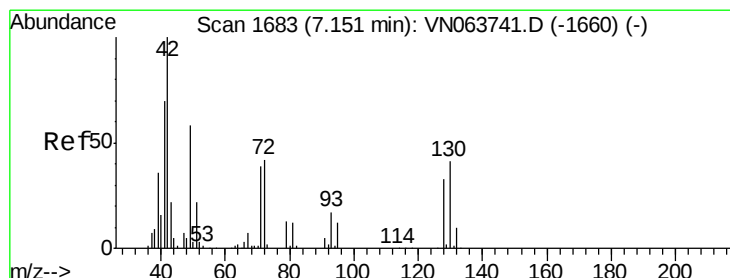
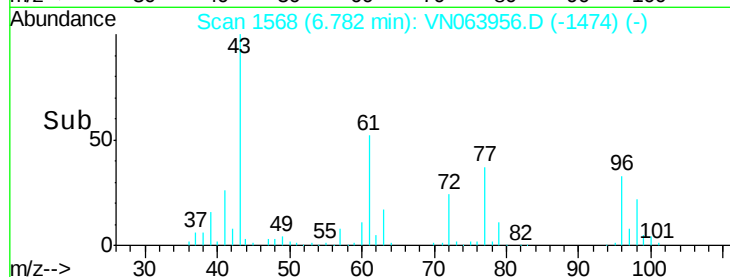
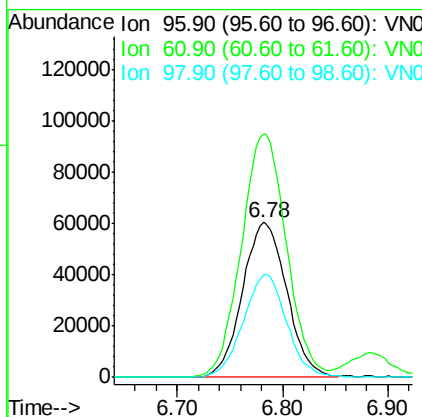
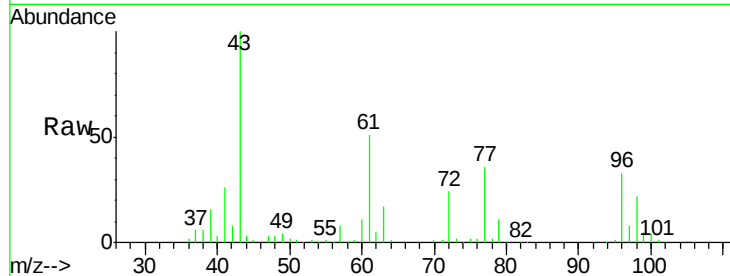
ClientSampleId :

B-6-MW-2MS

Tot Ion:	96	Resp:	176843
Ion	Ratio	Lower	Upper
96	100		
61	159.9	0.0	321.2
98	65.0	0.0	124.4

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#28

Bromochloromethane

Concen: 51.803 ug/l

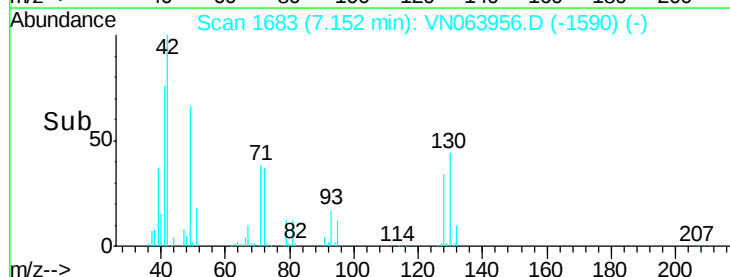
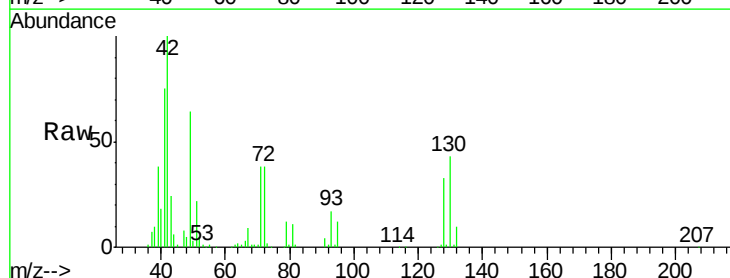
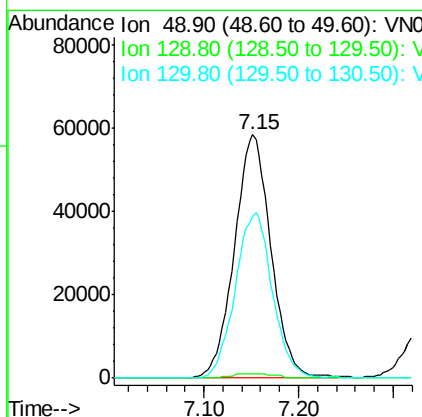
RT: 7.15 min Scan# 1683

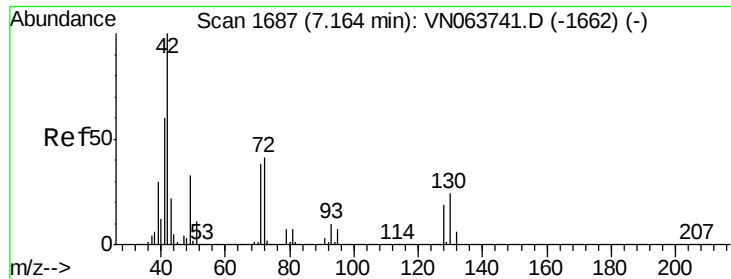
Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Tgt Ion:	49	Resp:	156927
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.8
130	68.8	55.6	83.4





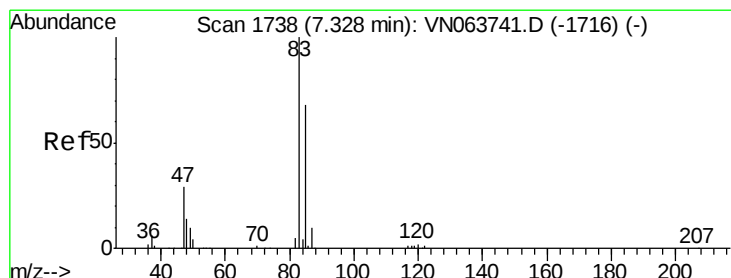
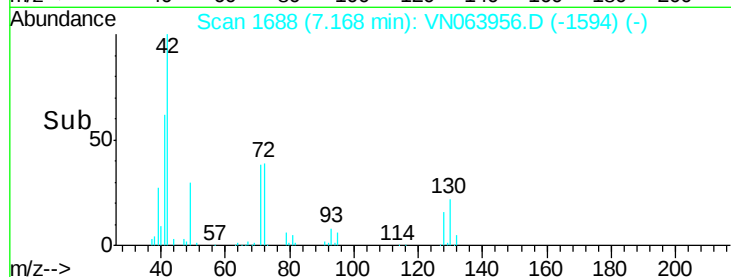
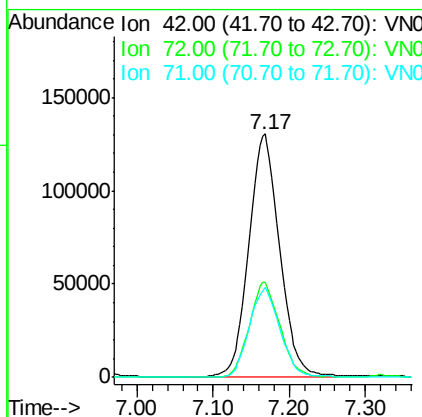
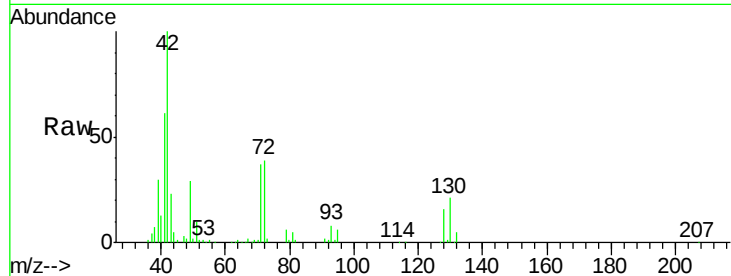
#29
Tetrahydrofuran
Concen: 272.019 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.8	32.8	49.2
71	36.8	30.6	45.8

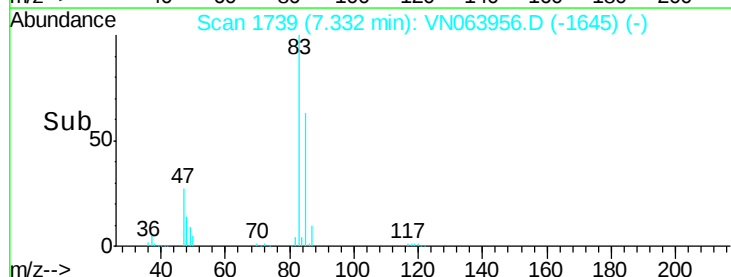
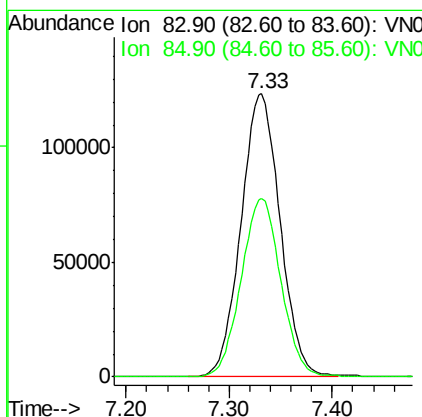
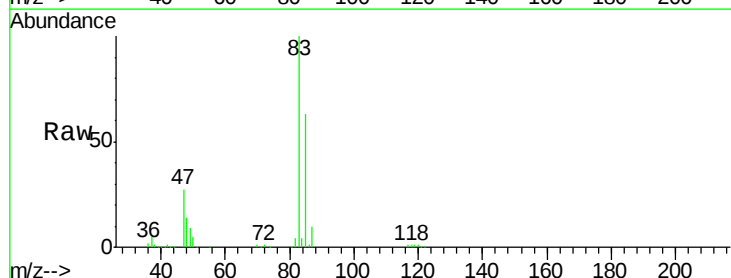
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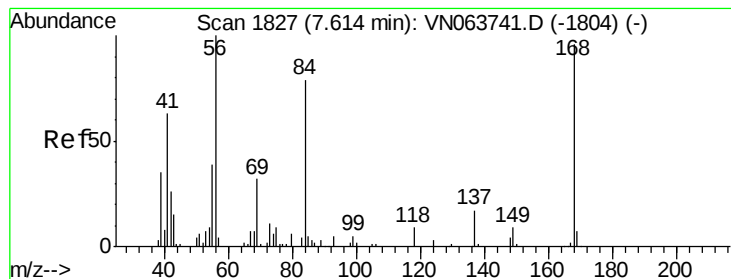
MMDadoda
10/8/2020 10:09:12 AM



#30
Chloroform
Concen: 50.997 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	54.6	82.0





#31

Cyclohexane

Concen: 46.566 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampled :

B-6-MW-2MS

Tot Ion: 56 Resp: 248736

Ion Ratio Lower Upper

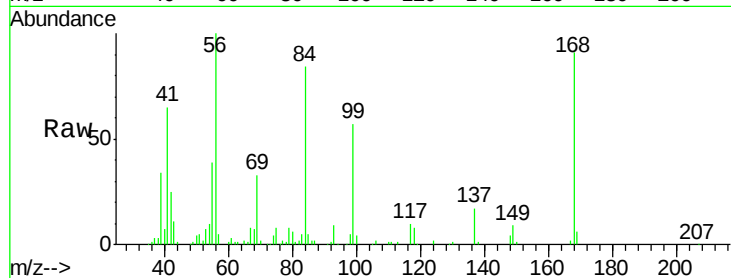
56 100

69 33.4 25.4 38.2

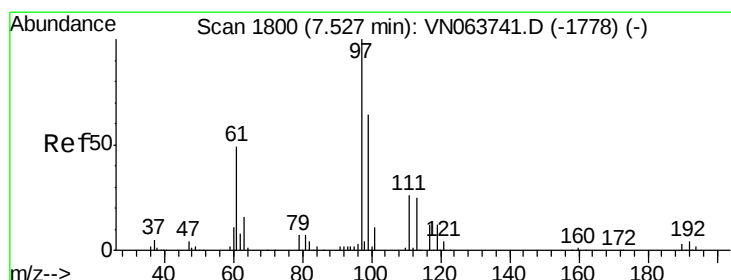
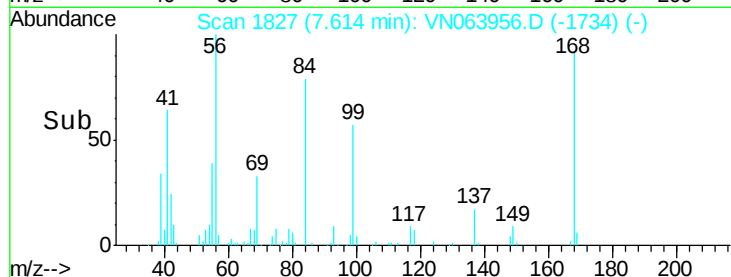
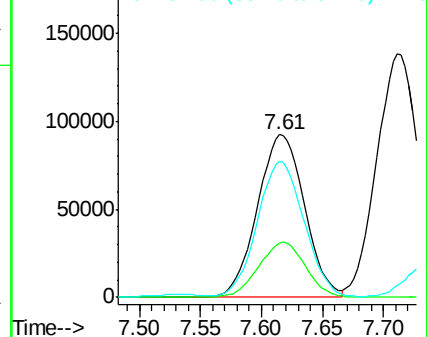
84 82.1 63.3 94.9

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Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#32

1,1,1-Trichloroethane

Concen: 50.385 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

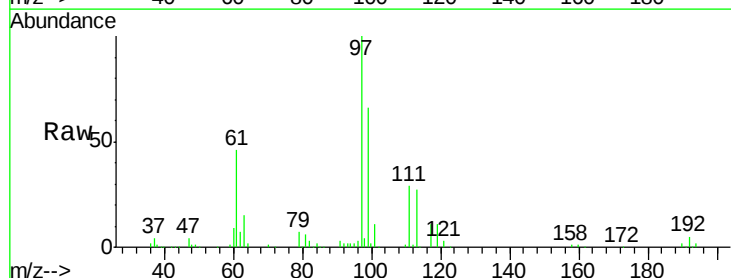
Tgt Ion: 97 Resp: 290437

Ion Ratio Lower Upper

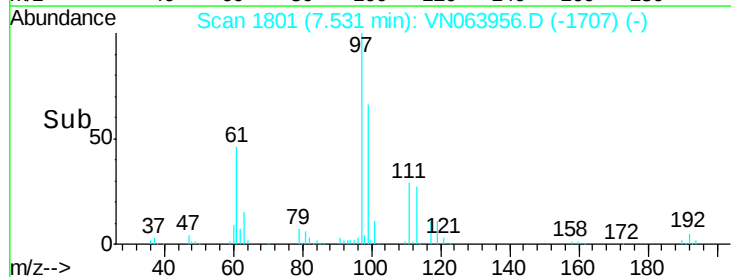
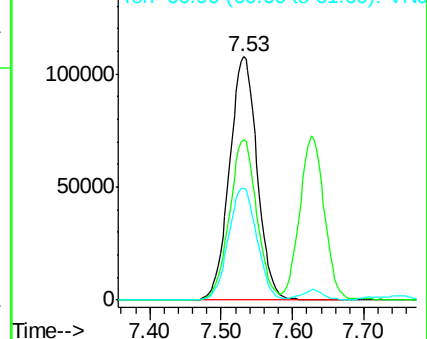
97 100

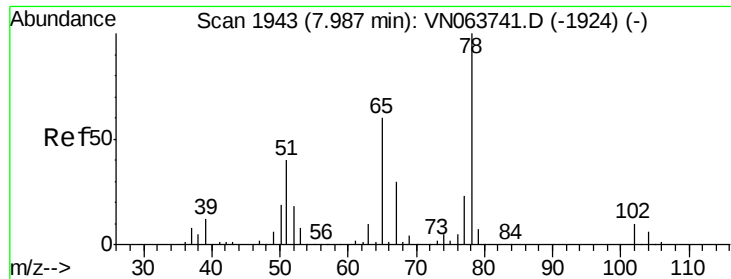
99 64.9 51.0 76.6

61 47.2 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC





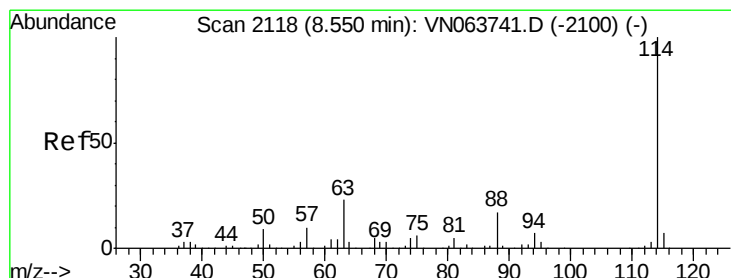
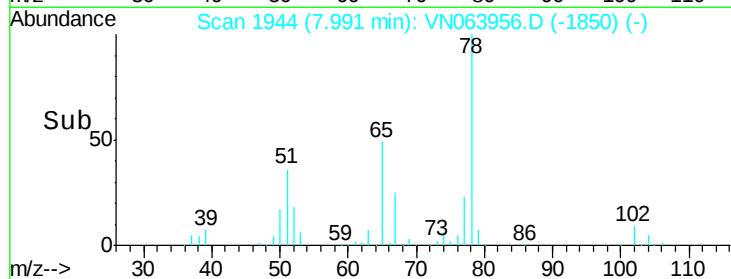
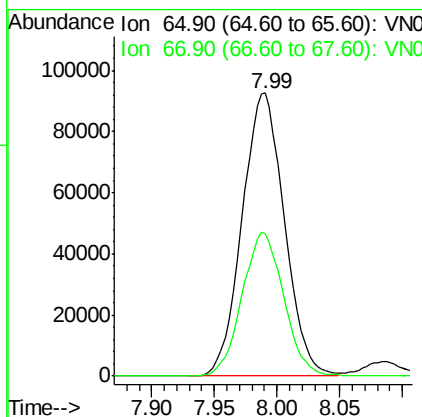
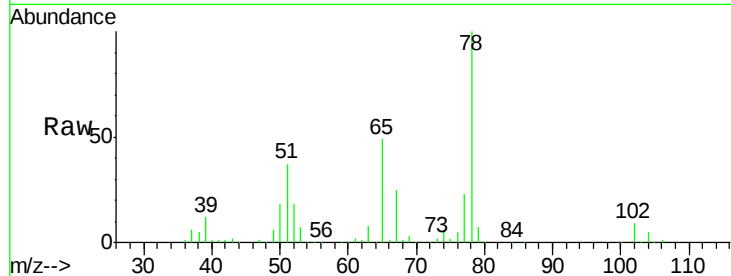
#33
 1,2-Dichloroethane-d4
 Concen: 47.238 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampled :
 B-6-MW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	217343		
67	50.0	0.0	99.6	

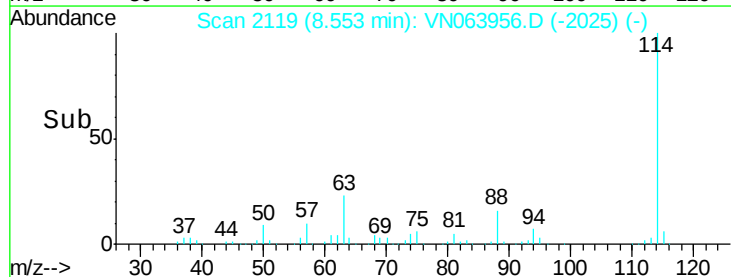
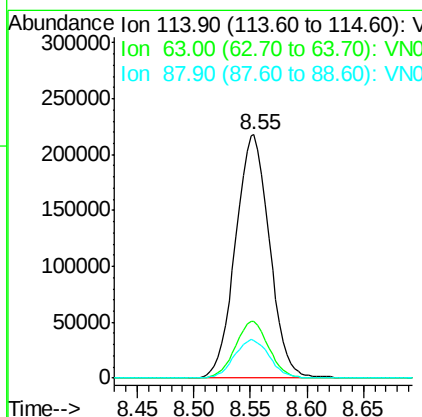
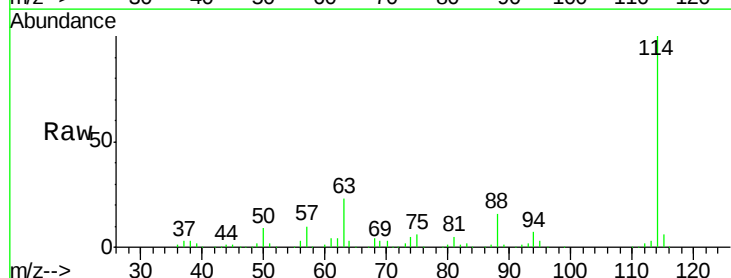
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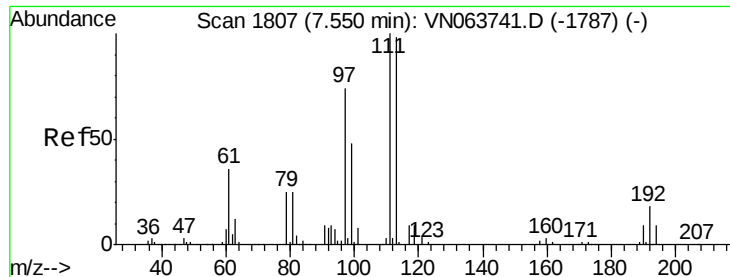
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	457179		
63	23.2	0.0	45.0	
88	15.6	0.0	34.0	





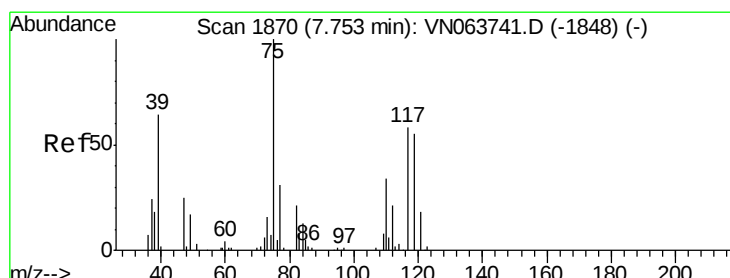
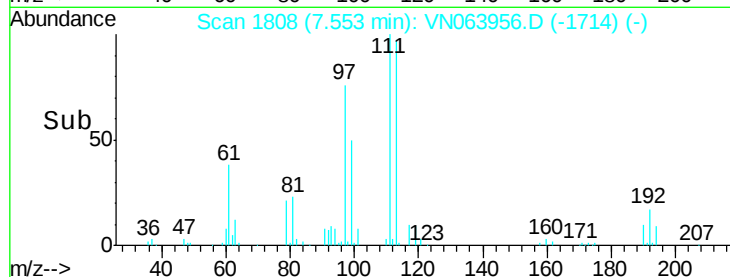
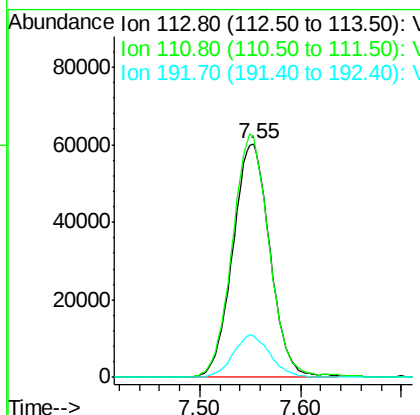
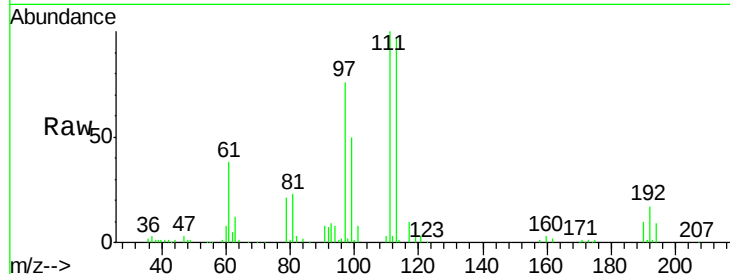
#35
 Dibromofluoromethane
 Concen: 48.411 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153571		
111	103.1	81.8	122.8	
192	18.0	14.2	21.2	

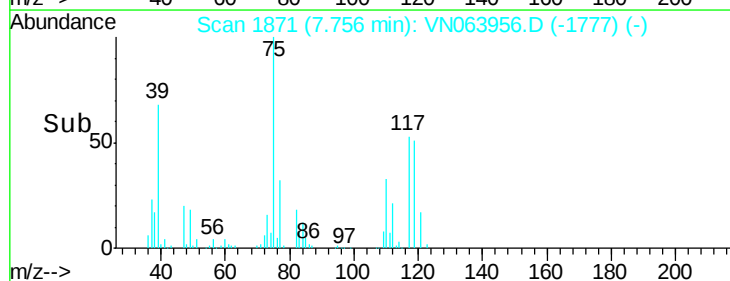
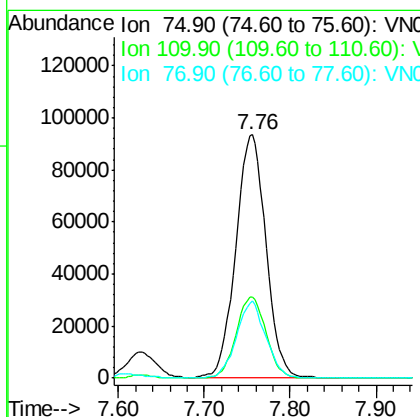
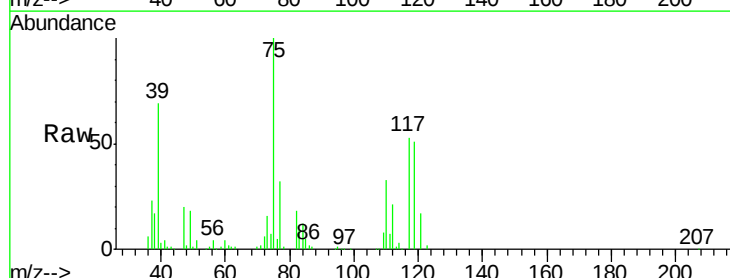
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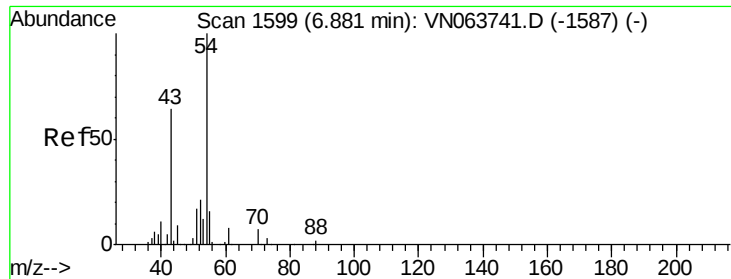
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#36
 1,1-Dichloropropene
 Concen: 48.968 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	226804		
110	33.3	16.9	50.6	
77	31.0	24.5	36.7	





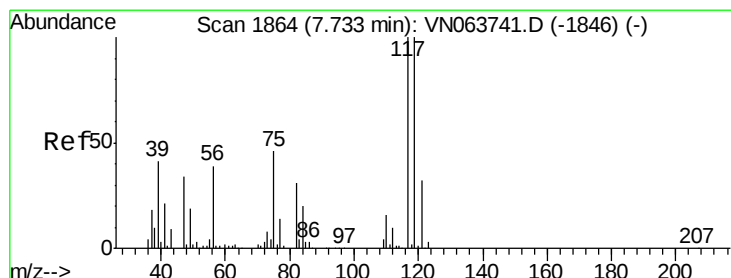
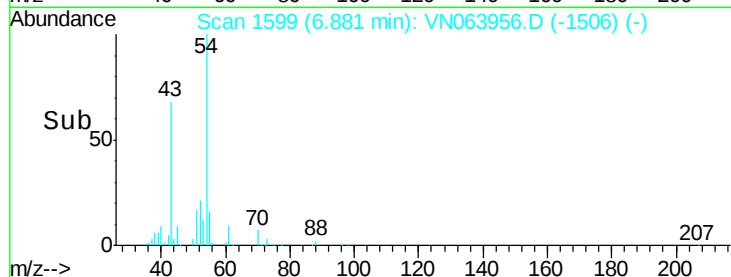
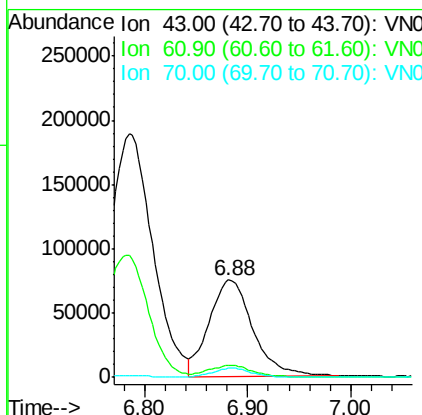
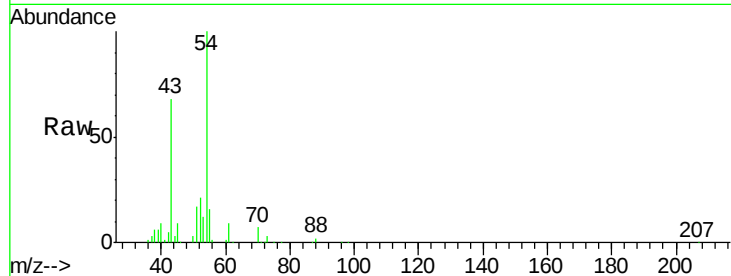
#37
Ethyl Acetate
Concen: 47.986 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

Tot Ion	43	61	70
Resp	220814		
Ratio	100	12.4	8.8
Lower		10.4	7.3
Upper		15.6	10.9

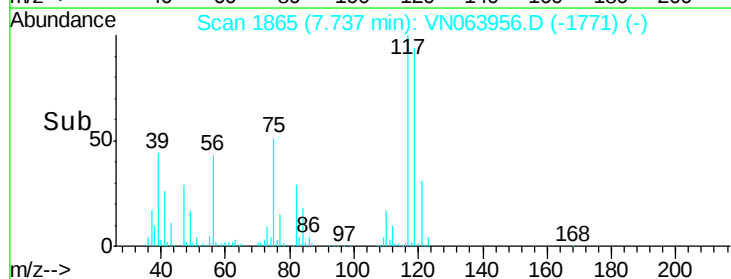
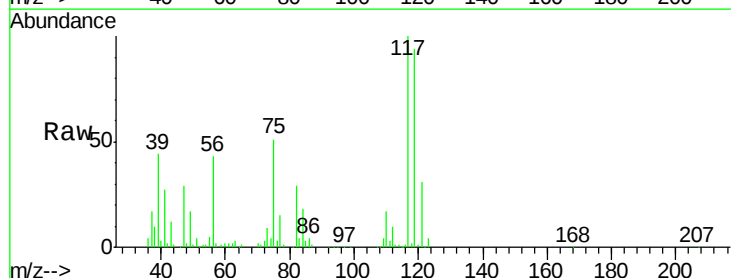
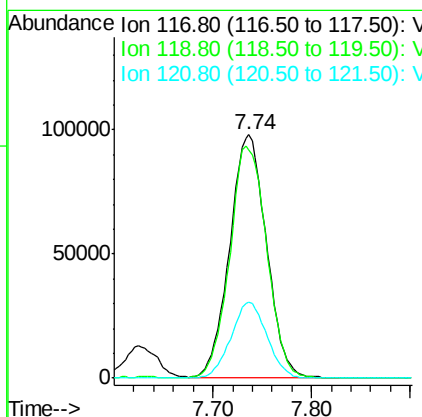
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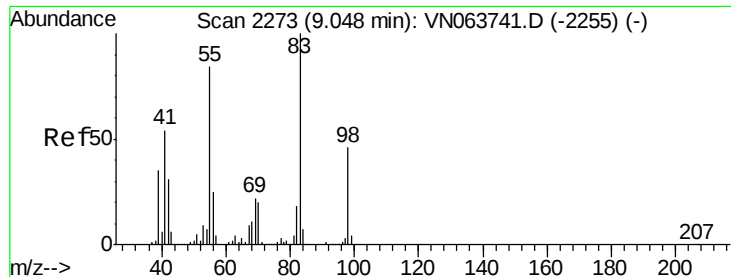
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#38
Carbon Tetrachloride
Concen: 48.790 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	117	119	121
Resp	253401		
Ratio	100	93.9	31.1
Lower		80.1	25.7
Upper		120.1	38.5





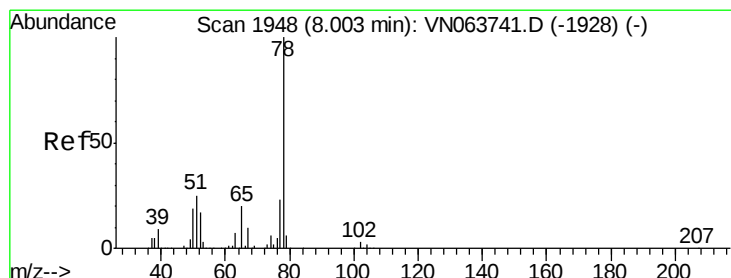
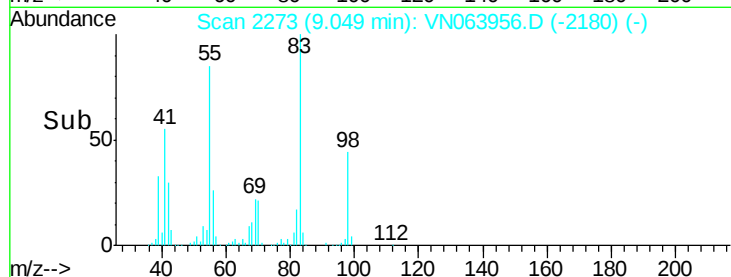
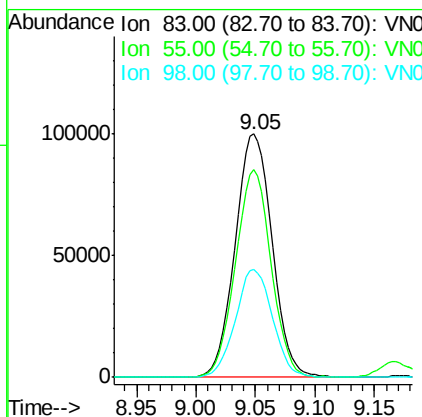
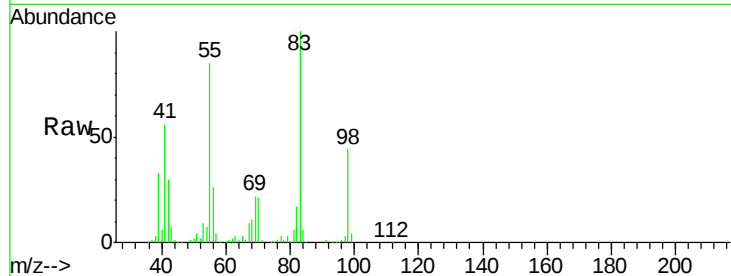
#39
Methvlcvclohexane
Concen: 46.647 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	85.3	67.1	100.7	
98	44.1	36.6	54.8	

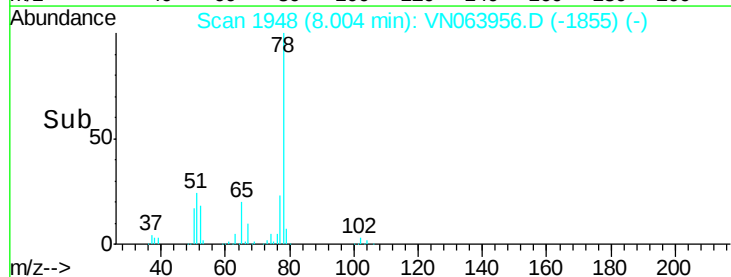
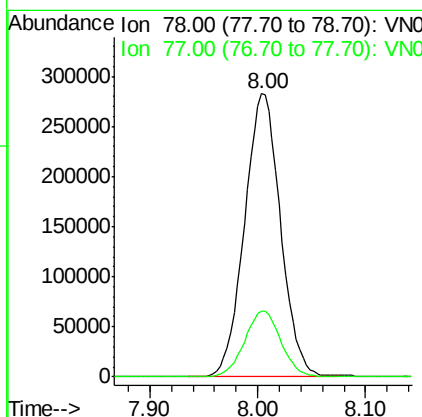
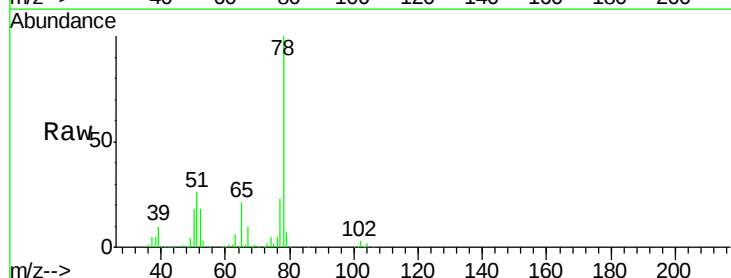
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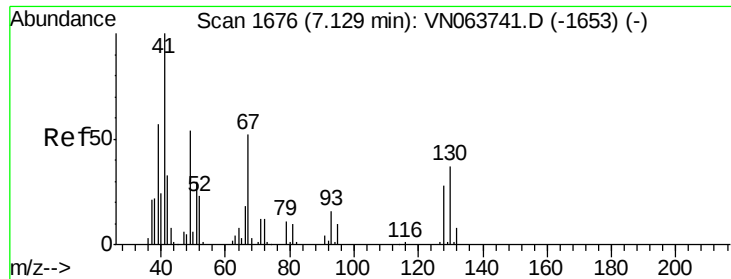
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#40
Benzene
Concen: 49.621 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	18.7	28.1	





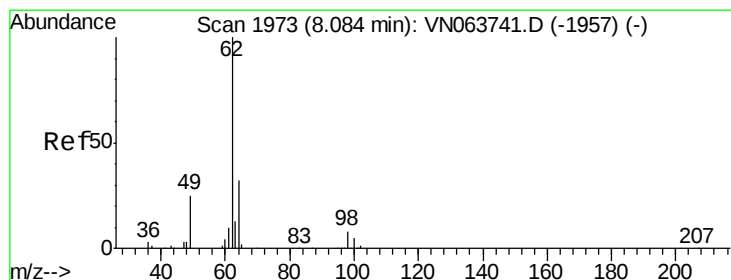
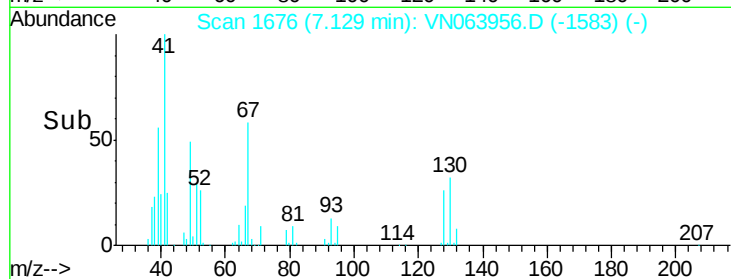
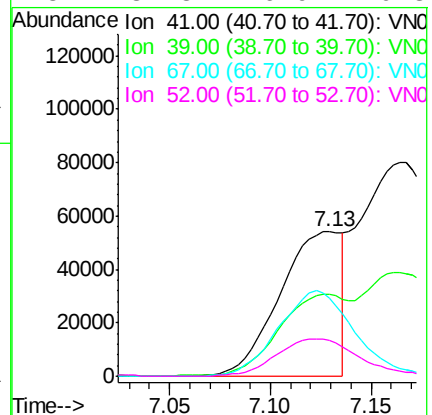
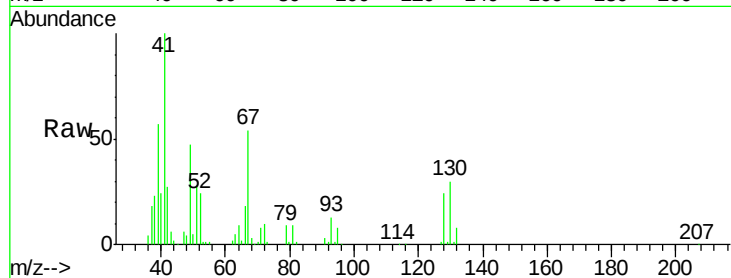
#41
Methacrylonitrile
Concen: 56.411 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.8	42.5	63.7	
67	74.0	57.4	86.2	
52	34.8	26.9	40.3	

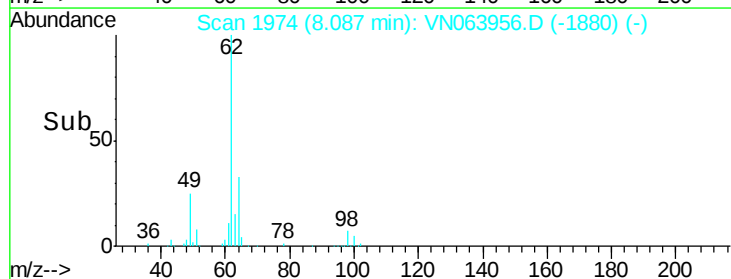
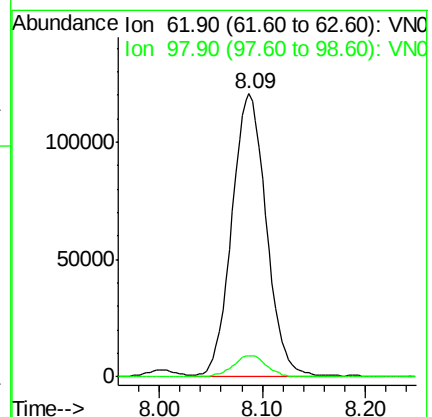
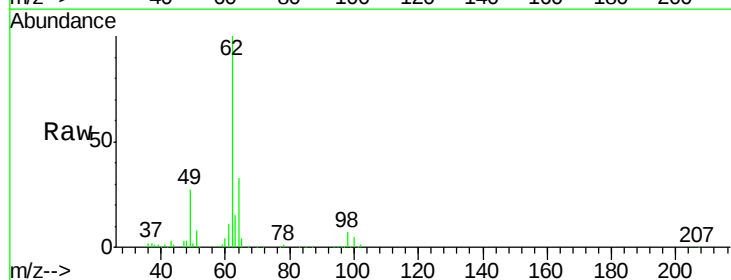
Manual Integrations
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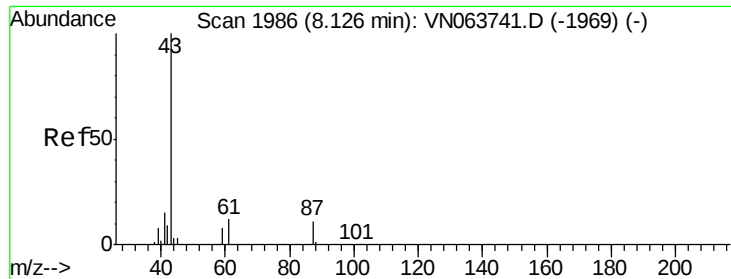
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.359 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.3	0.0	15.0	





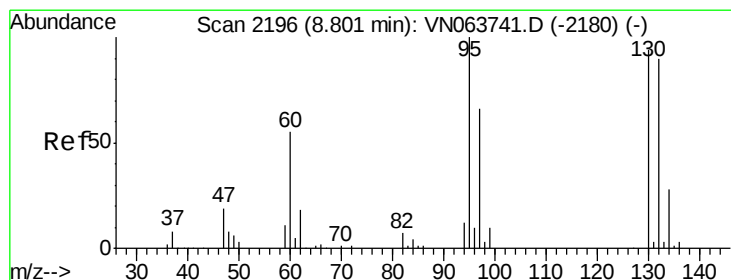
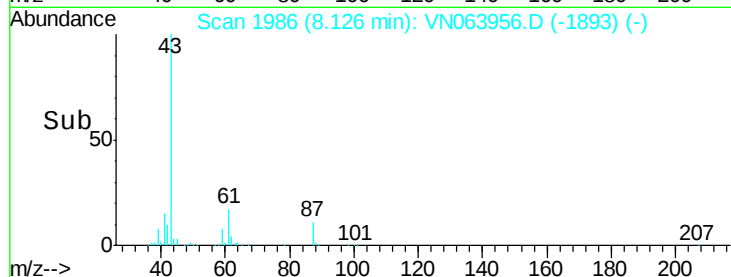
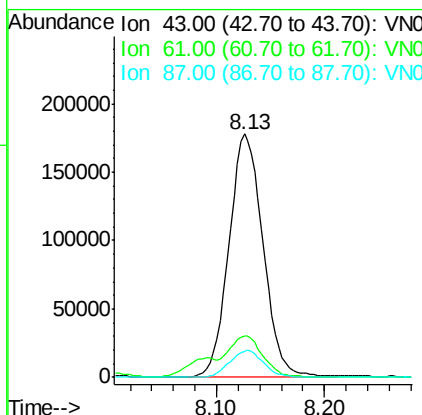
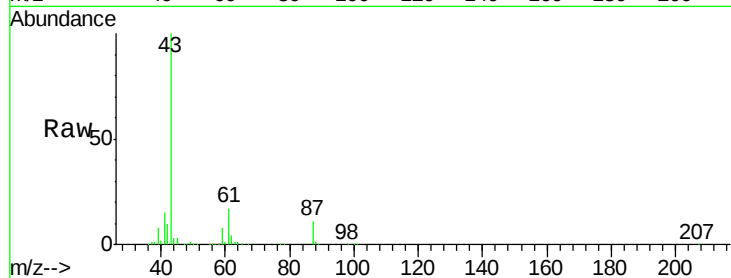
#43
Isopropyl Acetate
Concen: 51.424 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.2	21.4
87	11.1	9.0	13.6

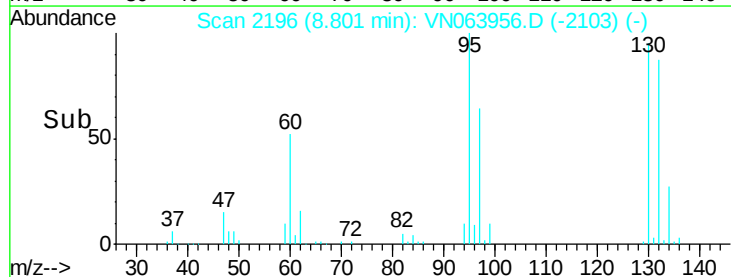
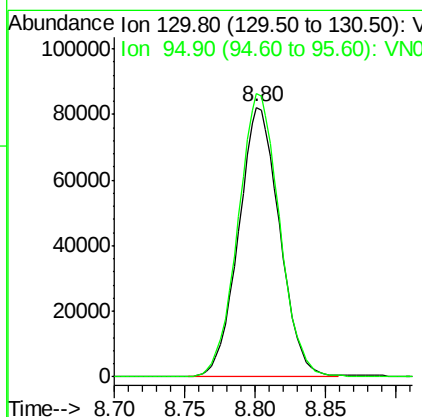
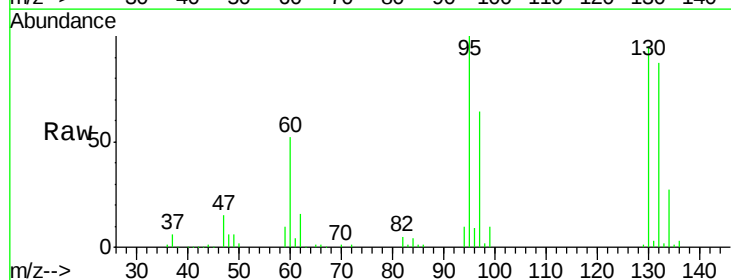
Manual Integrations
APPROVED

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10/8/2020 10:09:12 AM



#44
Trichloroethene
Concen: 48.221 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	213.6





#45

1,2-Dichloropropane

Concen: 51.299 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

Tot Ion: 63 Resp: 183281

Ion Ratio Lower Upper

63 100

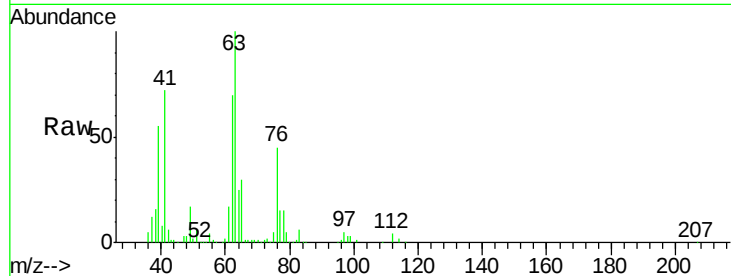
65 30.5 24.7 37.1

Manual Integrations

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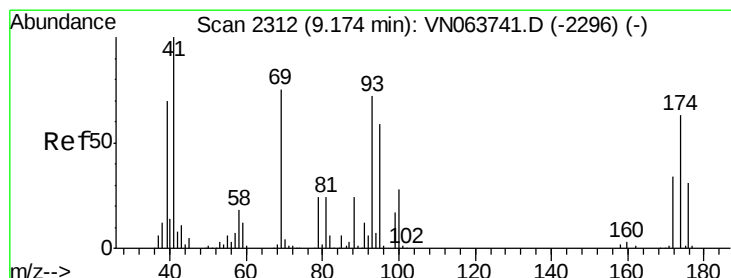
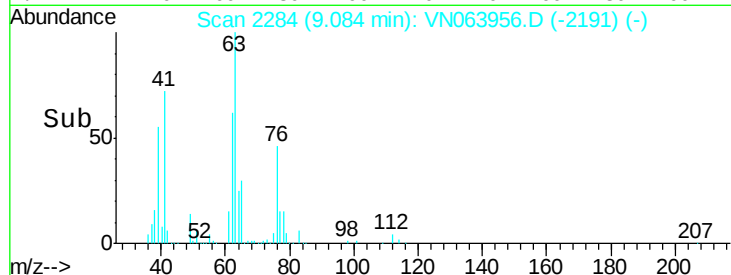
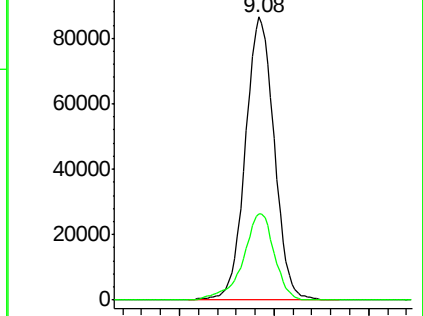
MMDadoda

10/8/2020 10:09:12 AM



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.350 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

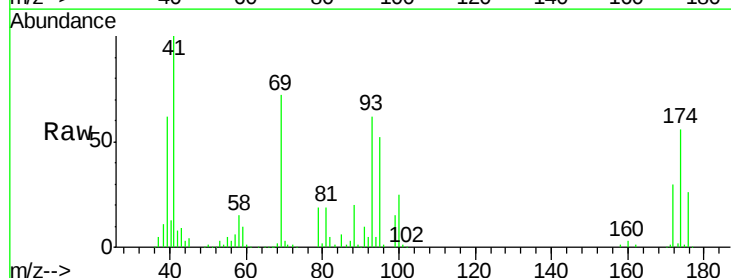
Tgt Ion: 93 Resp: 121632

Ion Ratio Lower Upper

93 100

95 83.7 66.3 99.5

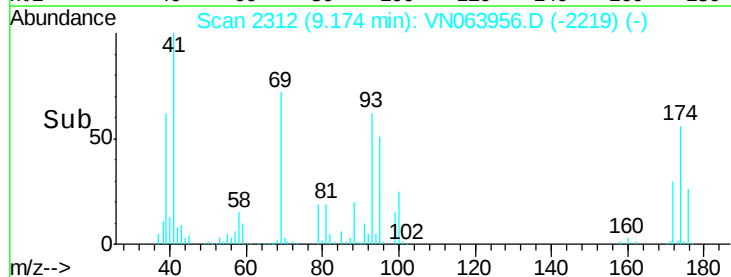
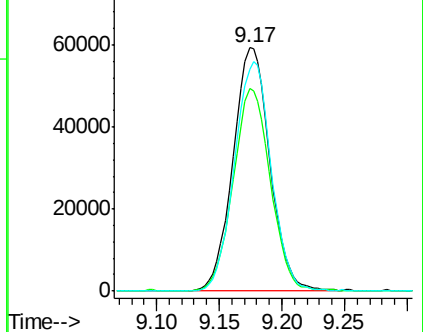
174 93.5 72.7 109.1

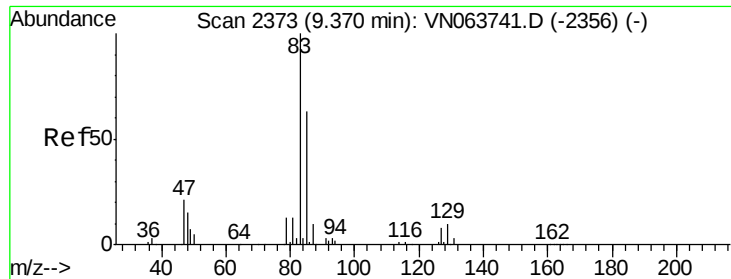


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





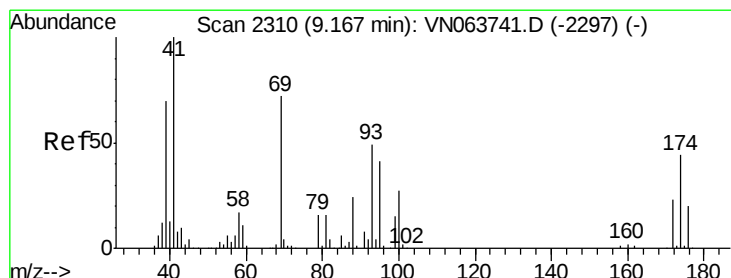
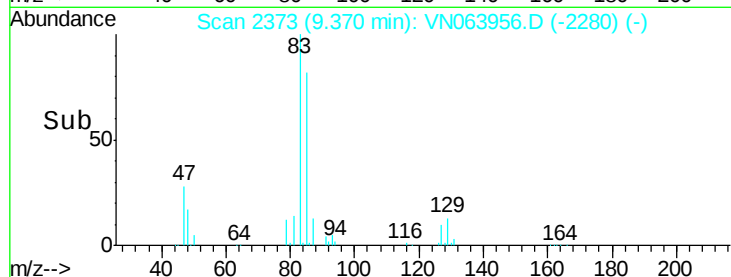
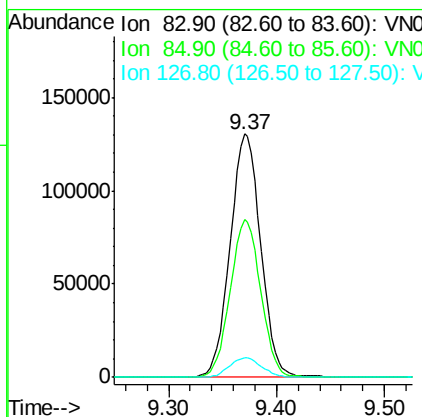
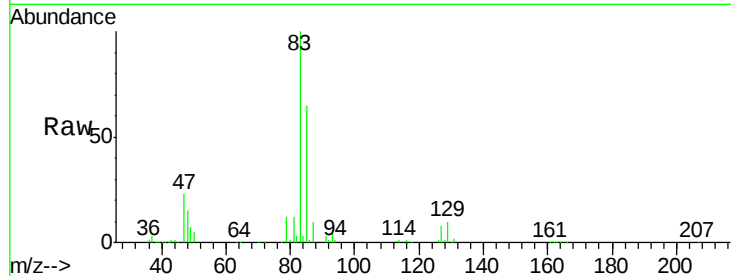
#47
Bromodichloromethane
Concen: 50.721 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	257640		
85	64.6		50.6	75.8
127	8.1		6.6	9.8

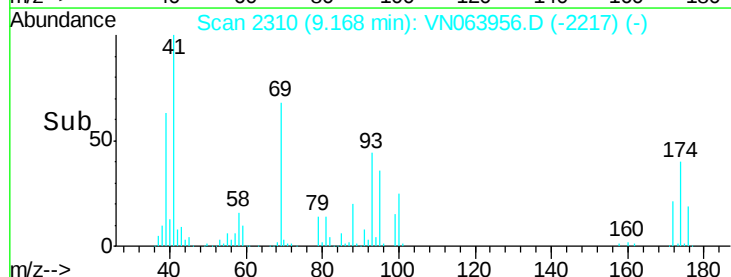
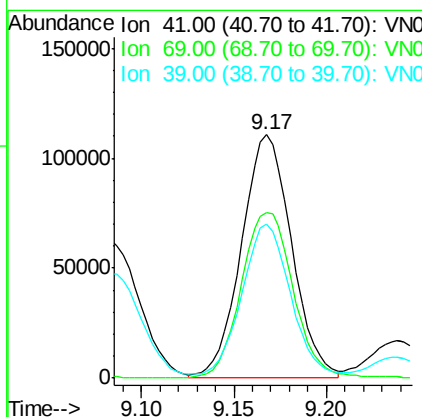
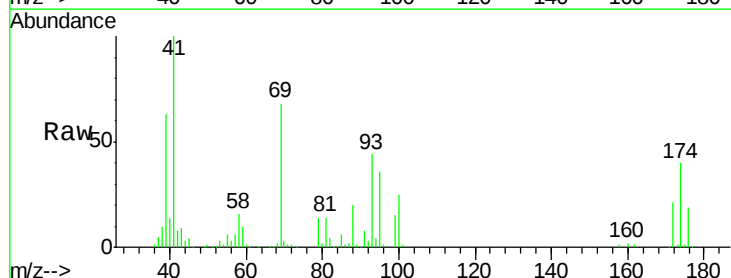
Manual Integrations
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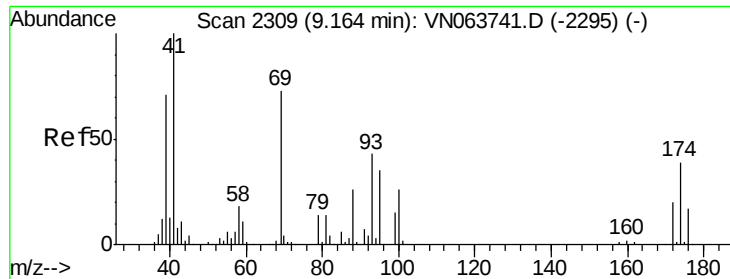
MMDadoda
10/8/2020 10:09:12 AM



#48
Methyl methacrylate
Concen: 55.371 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	207641		
69	71.2		60.9	91.3
39	61.7		57.5	86.3





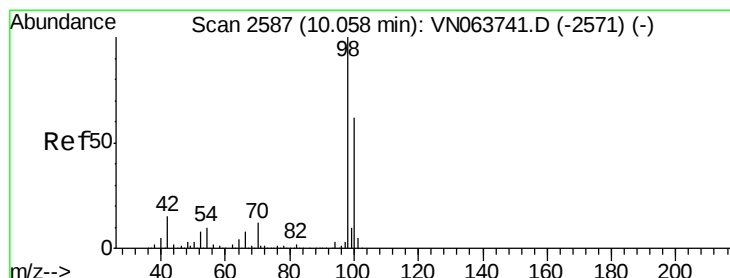
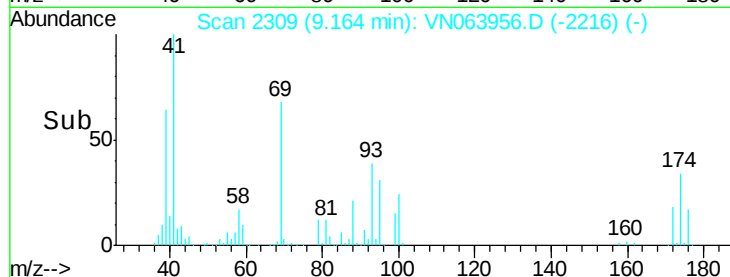
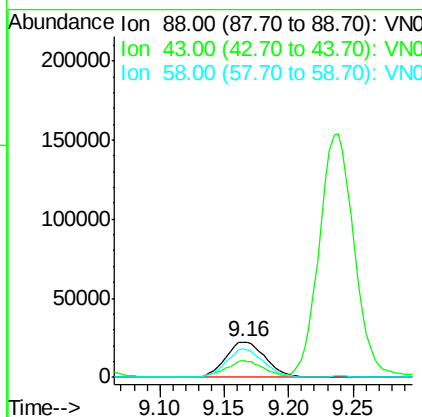
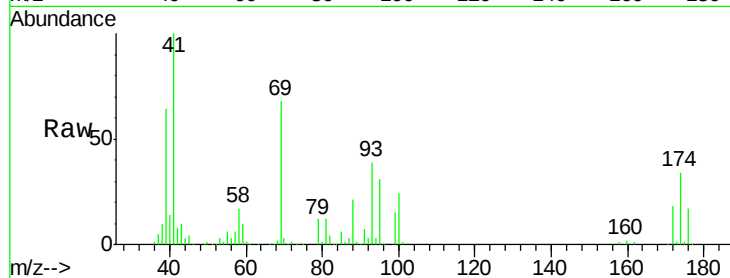
#49
1,4-Dioxane
Concen: 912.955 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.6	33.1	49.7
58	74.4	58.9	88.3

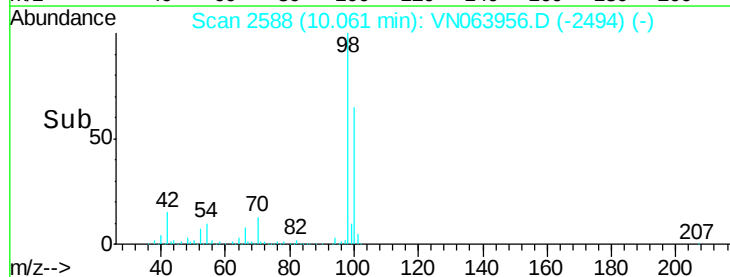
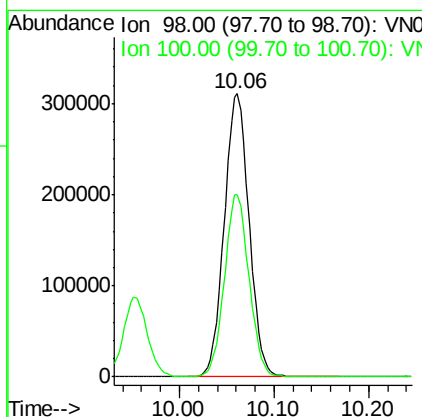
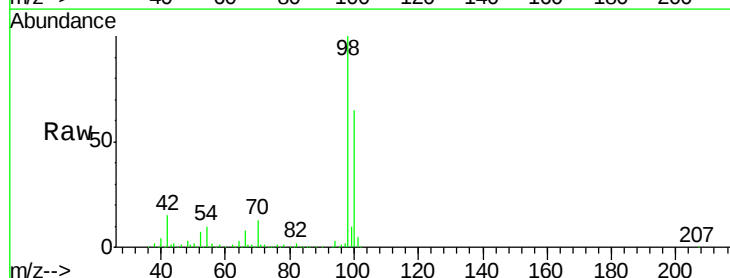
Manual Integrations
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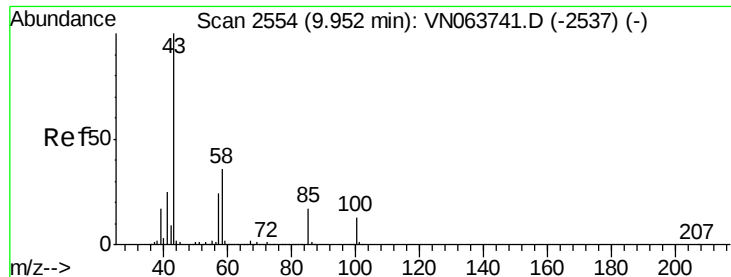
MMDadoda
10/8/2020 10:09:12 AM



#50
Toluene-d8
Concen: 47.221 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	49.8	74.6





#51

4-Methyl-2-Pentanone

Concen: 276.653 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

Tot Ion: 43 Resp: 1232285

Ion Ratio Lower Upper

43 100

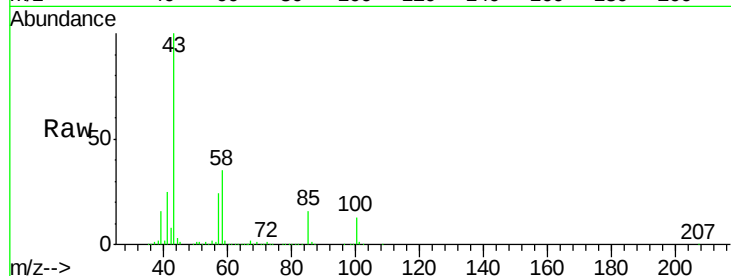
58 35.2 28.4 42.6

Manual Integrations

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MMDadoda

10/8/2020 10:09:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

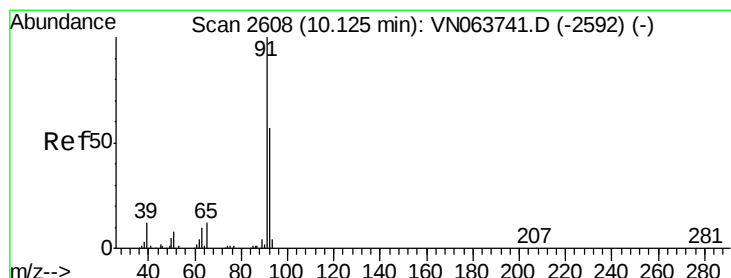
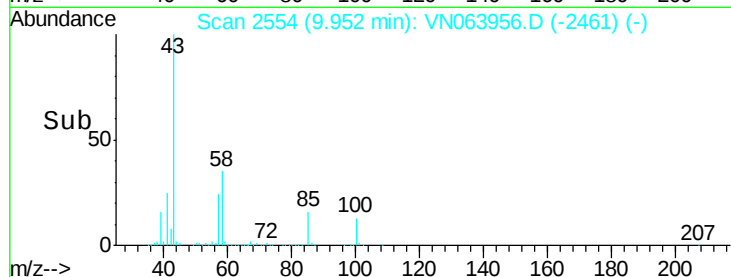
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 51.271 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063956.D

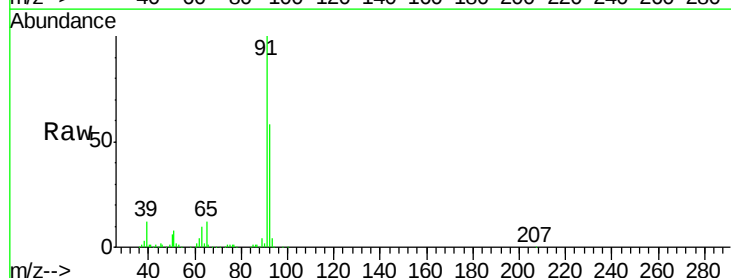
Acq: 7 Oct 2020 20:31

Tgt Ion: 92 Resp: 419535

Ion Ratio Lower Upper

92 100

91 172.7 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

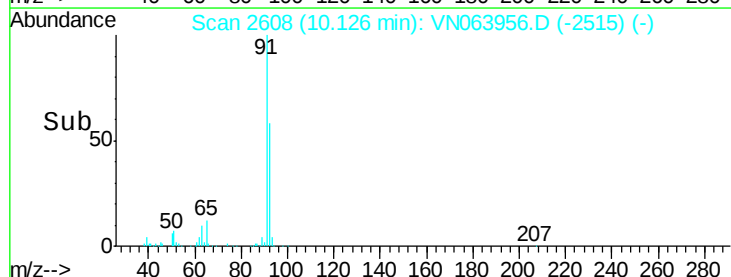
200000

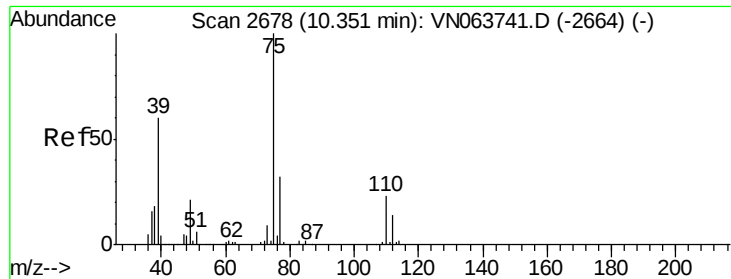
100000

0

10.10 10.13 10.20

Time-->





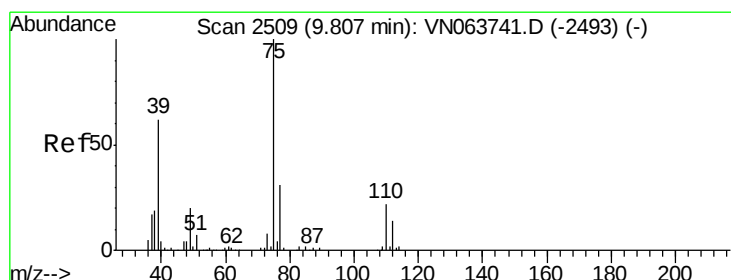
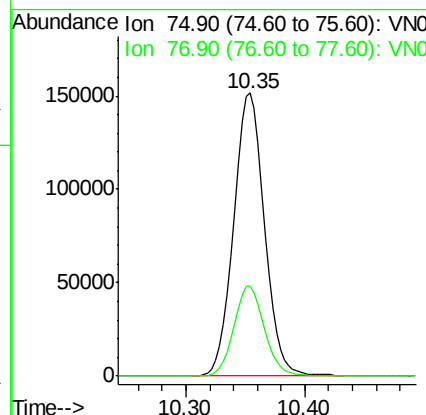
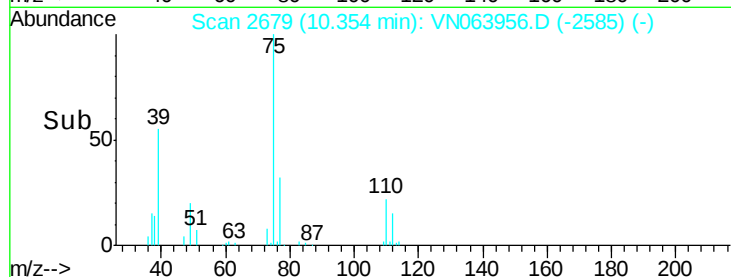
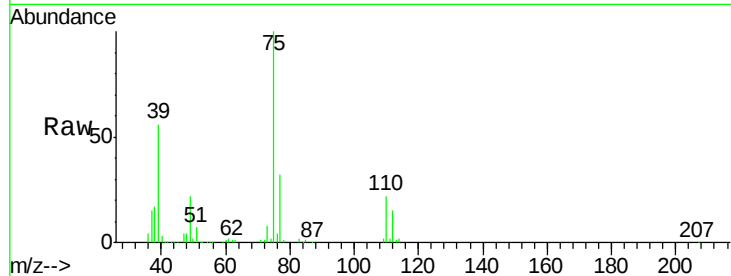
#53
t-1,3-Dichloropropene
Concen: 49.970 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion: 75 Resp: 272088
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9

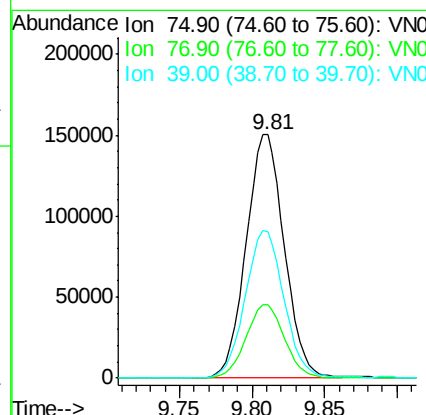
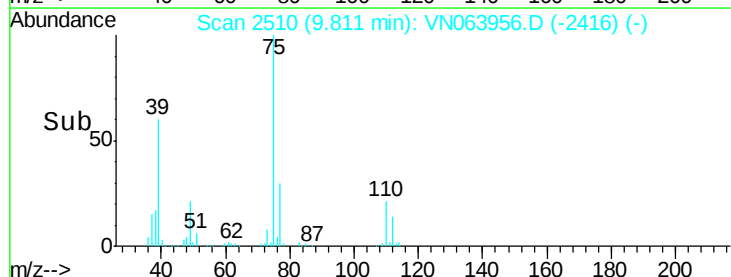
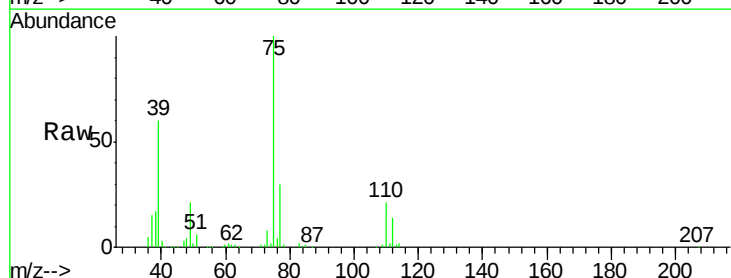
Manual Integrations
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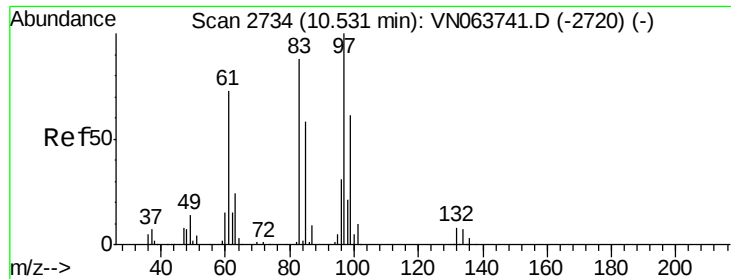
MMDadoda
10/8/2020 10:09:12 AM



#54
cis-1,3-Dichloropropene
Concen: 48.424 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 75 Resp: 275750
Ion Ratio Lower Upper
75 100
77 30.1 24.6 36.8
39 60.3 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 51.315 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

Tot Ion: 97 Resp: 168392

Ion Ratio Lower Upper

97 100

83 87.0 70.7 106.1

85 57.7 46.1 69.1

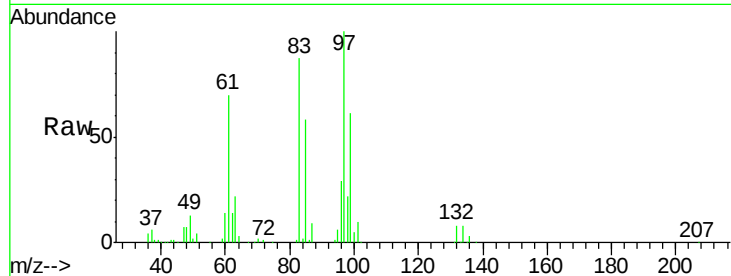
99 61.4 48.8 73.2

Manual Integrations

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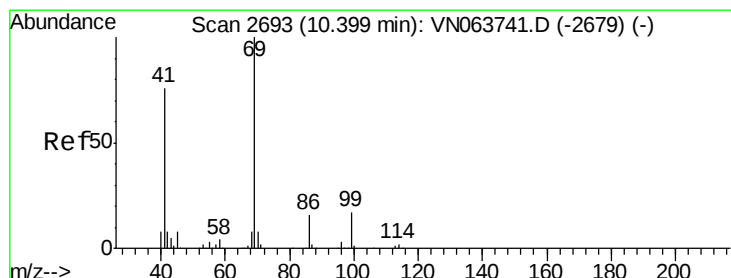
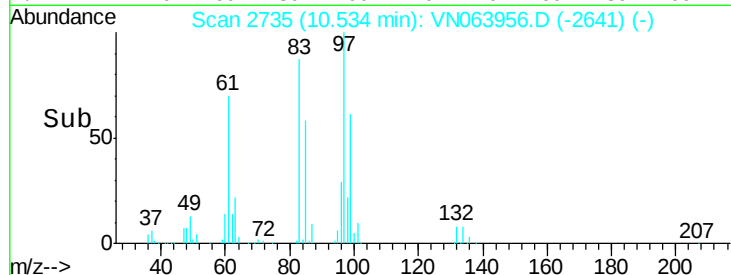
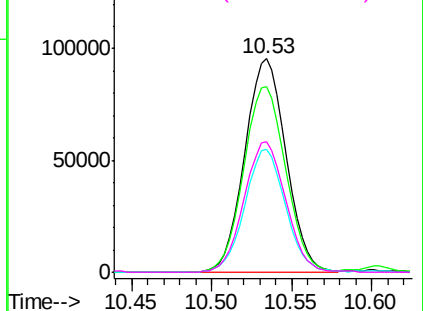


Abundance Ion 96.90 (96.60 to 97.60): VN063956.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN063956.D (-2641) (-)

Ion 84.90 (84.60 to 85.60): VN063956.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN063956.D (-2641) (-)



#56

Ethyl methacrylate

Concen: 54.421 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

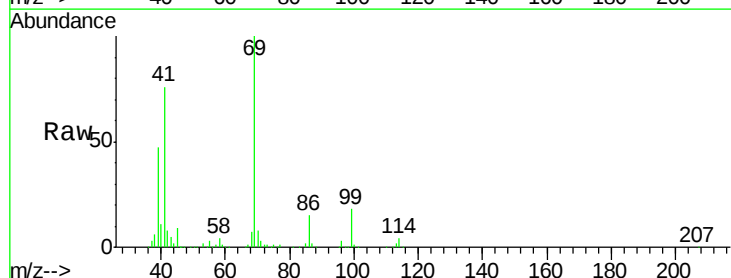
Tgt Ion: 69 Resp: 253138

Ion Ratio Lower Upper

69 100

41 76.4 61.1 91.7

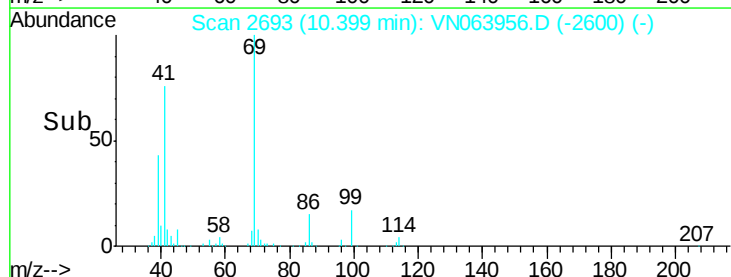
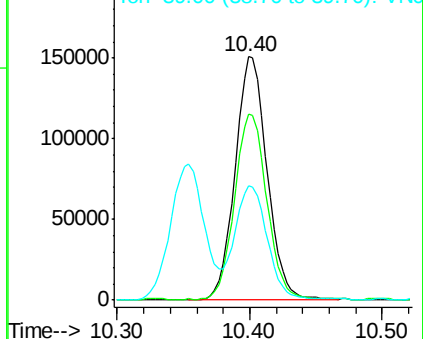
39 48.4 42.2 63.4

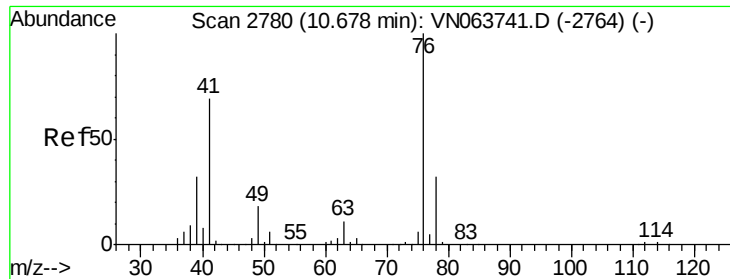


Abundance Ion 69.00 (68.70 to 69.70): VN063956.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063956.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063956.D (-2600) (-)





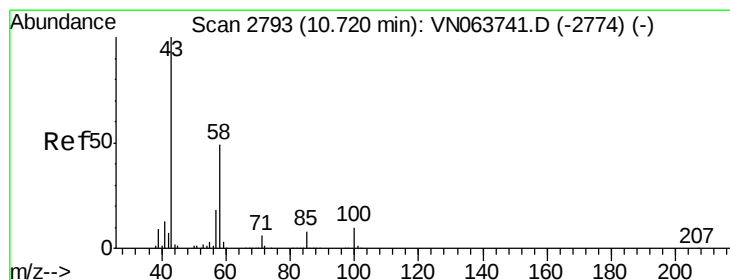
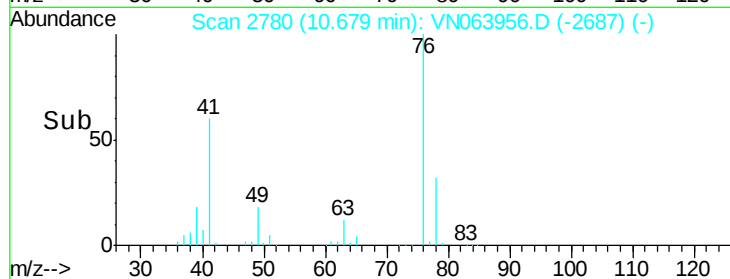
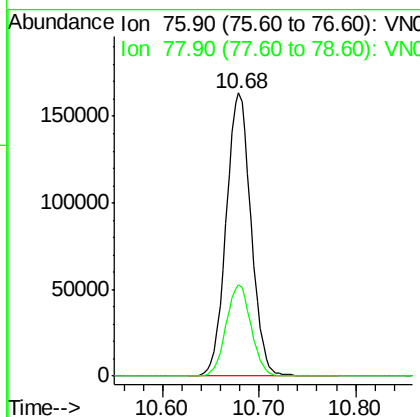
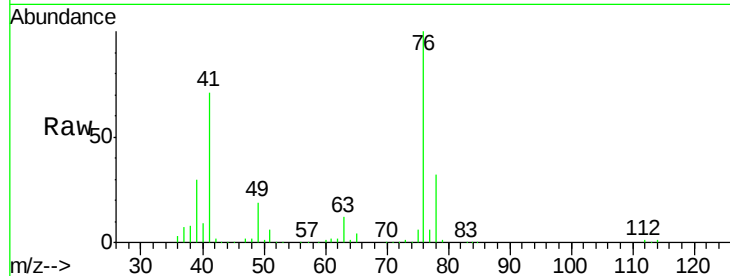
#57
 1,3-Dichloropropane
 Concen: 52.502 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampled :
 B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.2	37.8

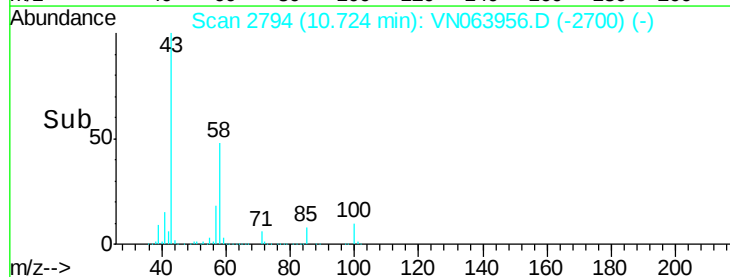
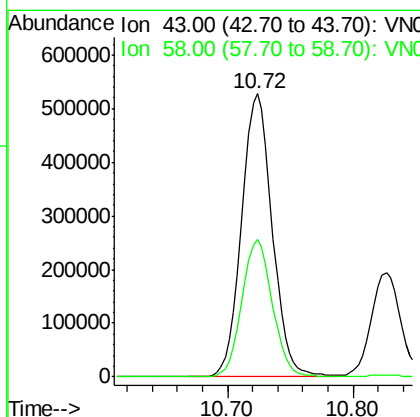
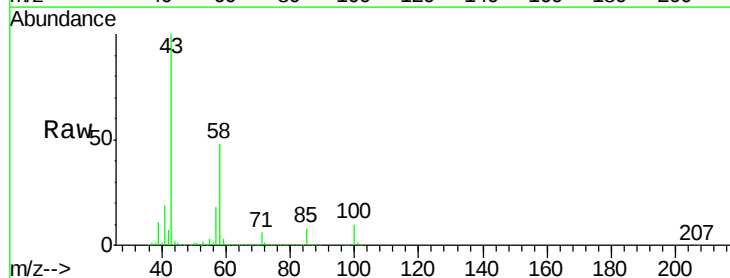
Manual Integrations
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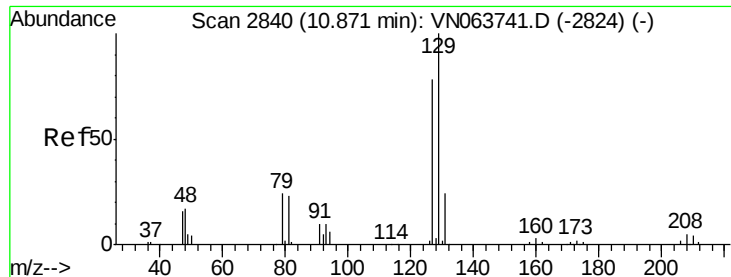
MMDadoda
 10/8/2020 10:09:12 AM



#59
 2-Hexanone
 Concen: 269.951 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	48.2	24.6	73.8





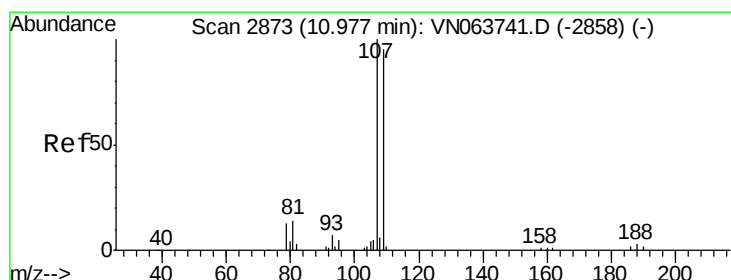
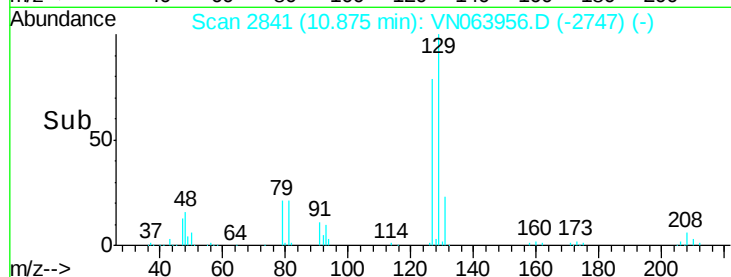
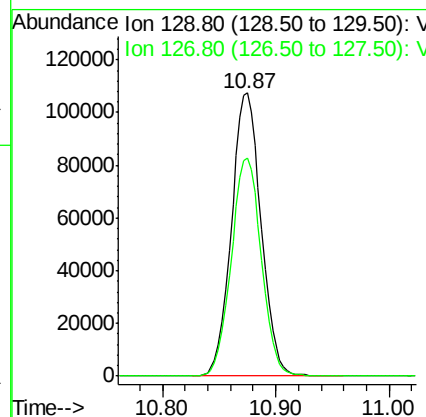
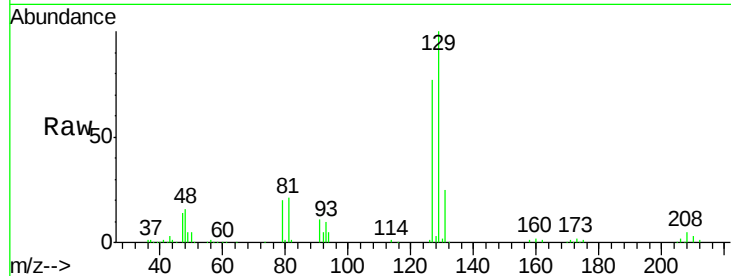
#60
Dibromochloromethane
Concen: 51.119 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.9	116.7

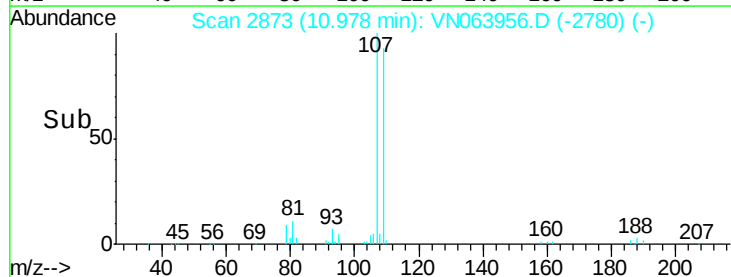
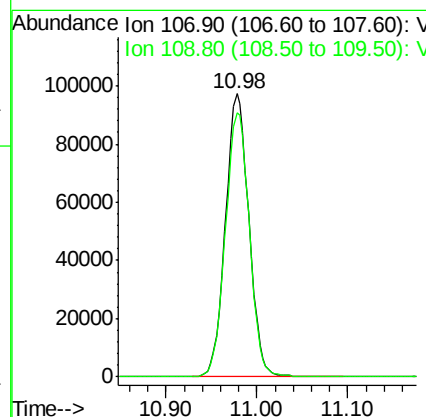
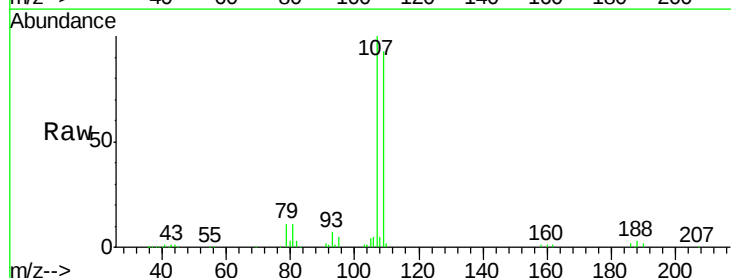
Manual Integrations
APPROVED

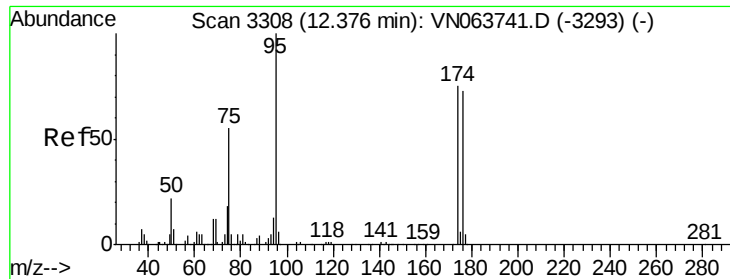
MMDadoda
10/8/2020 10:09:12 AM



#61
1,2-Dibromoethane
Concen: 51.856 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.8	74.8	112.2





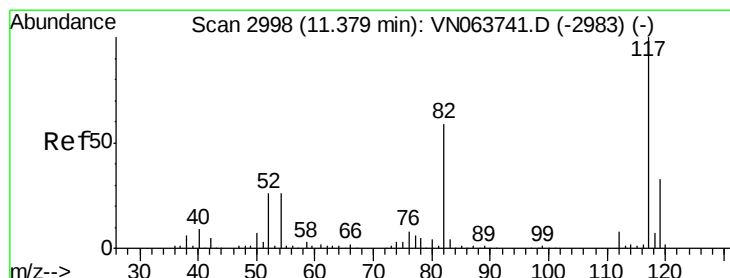
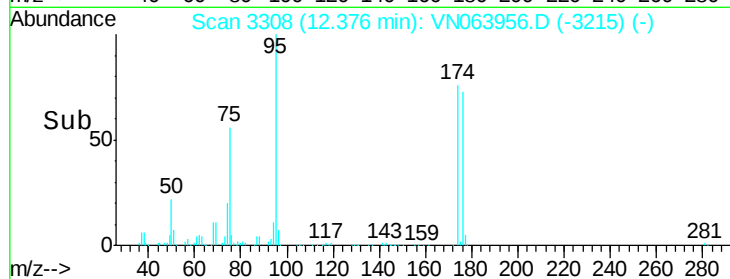
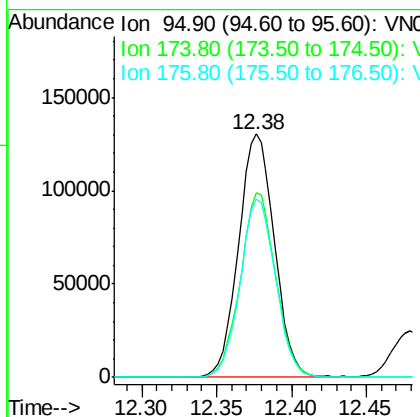
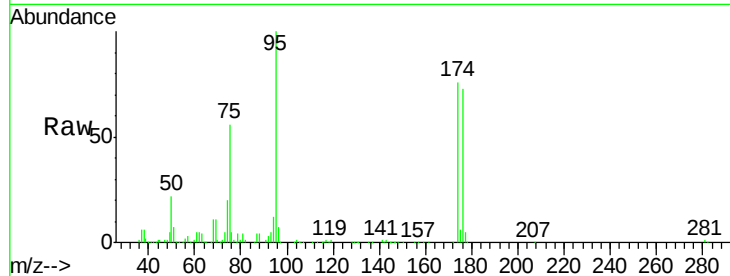
#62
4-Bromofluorobenzene
Concen: 48.052 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	217221		
174	75.1	0.0	150.6	
176	72.4	0.0	145.4	

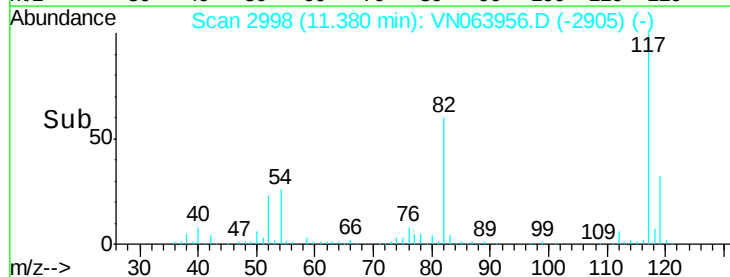
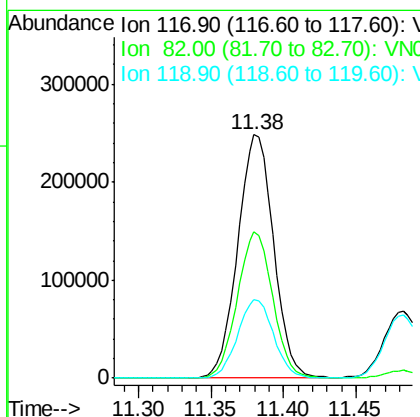
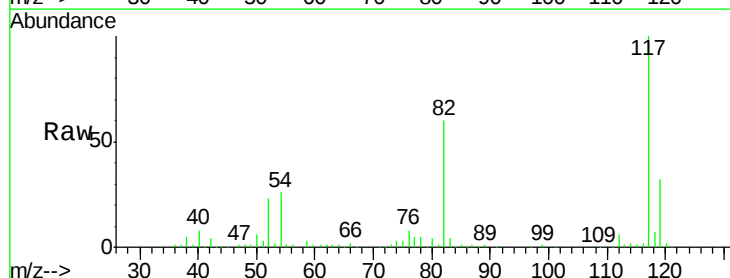
Manual Integrations
APPROVED

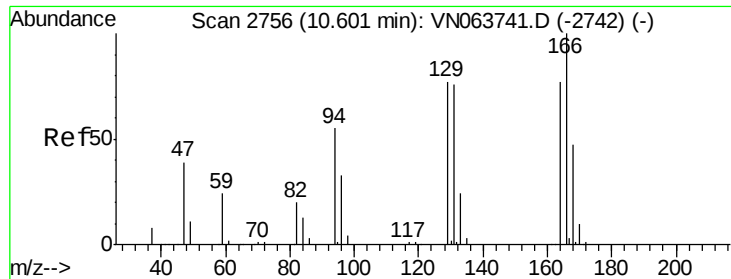
MMDadoda
10/8/2020 10:09:12 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	426547		
82	59.9	47.4	71.2	
119	32.2	26.4	39.6	





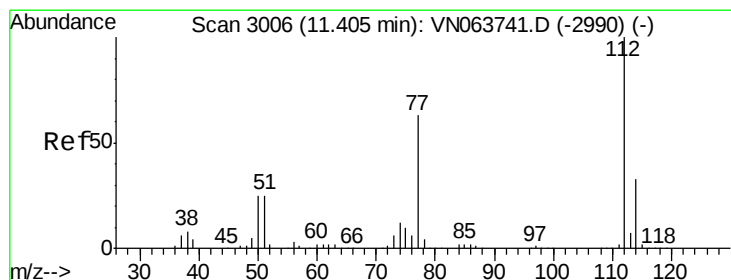
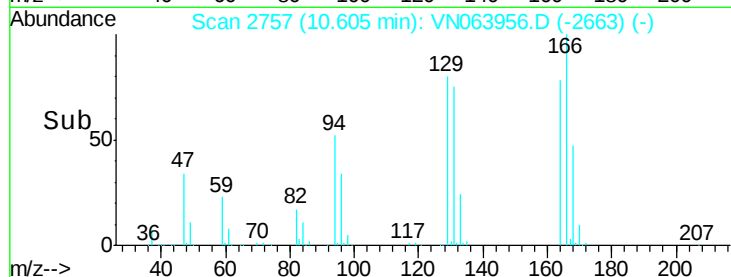
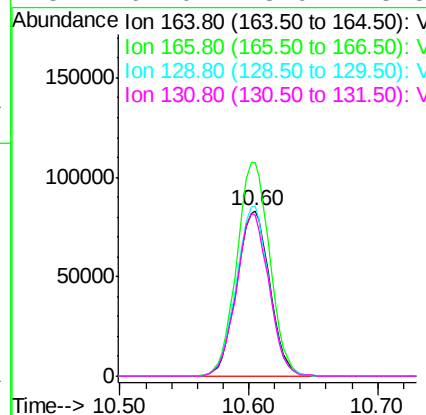
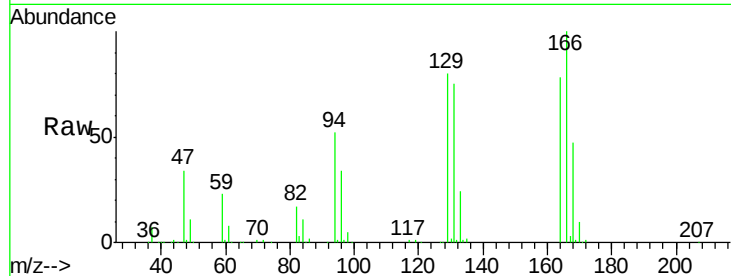
#64
Tetrachloroethene
Concen: 44.919 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	128.9	103.9	155.9	
129	102.8	80.3	120.5	
131	97.0	78.9	118.3	

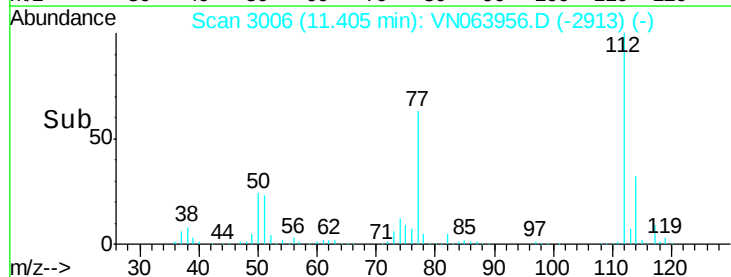
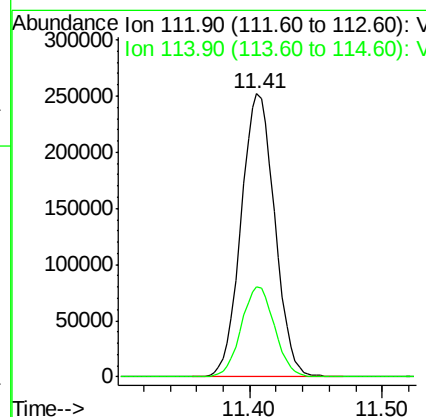
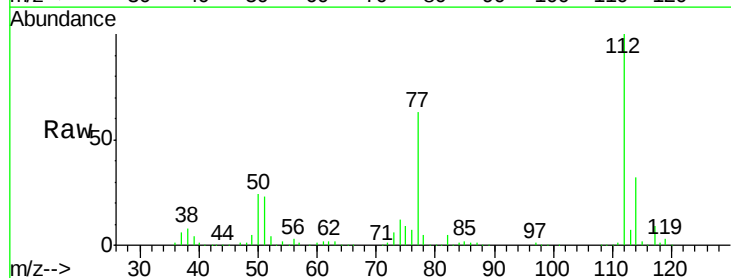
Manual Integrations
APPROVED

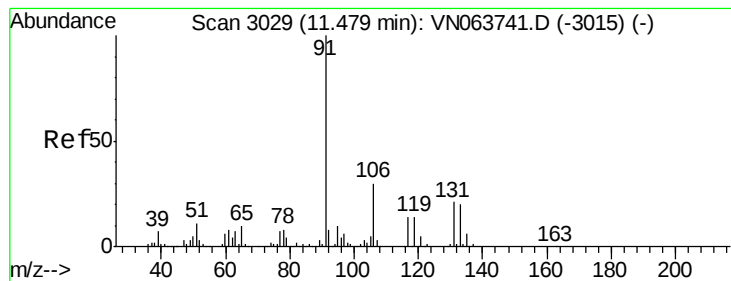
MMDadoda
10/8/2020 10:09:12 AM



#65
Chlorobenzene
Concen: 50.683 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.7	26.1	39.1	





#66

1,1,1,2-Tetrachloroethane

Concen: 52.534 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

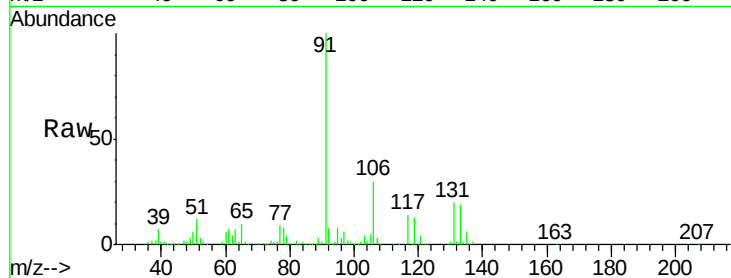
ClientSampleId :

B-6-MW-2MS

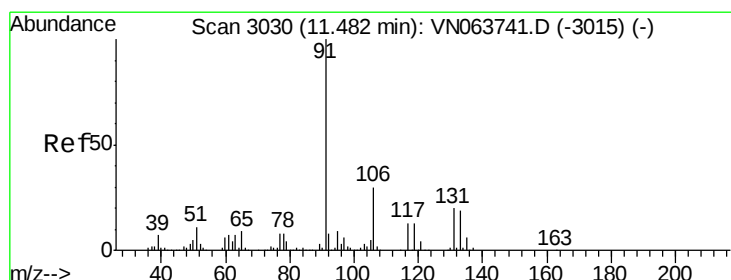
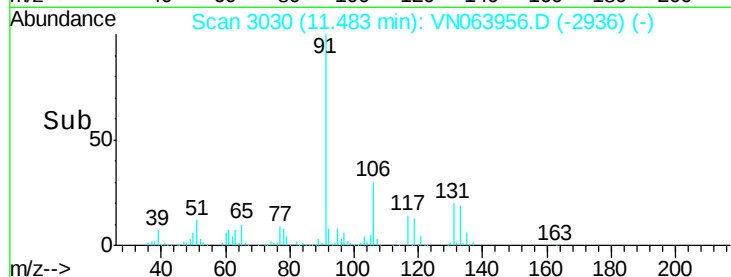
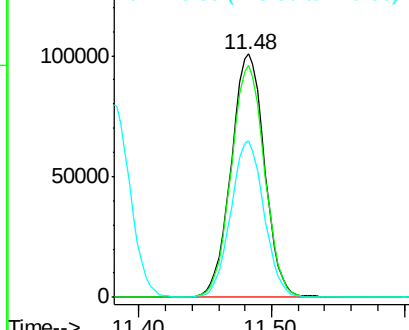
Tot Ion:	131	Resp:	176221
Ion Ratio	Lower	Upper	
131	100		
133	95.2	47.3	141.8
119	63.8	32.6	97.7

Manual Integrations
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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.965 ug/l

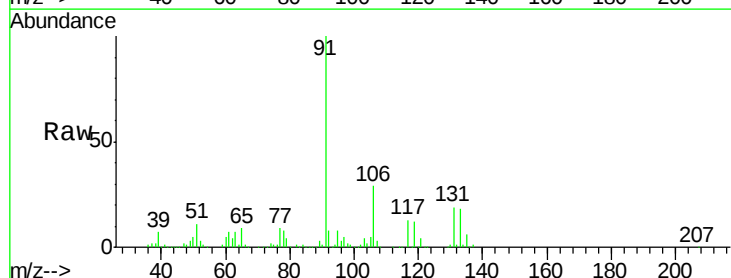
RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

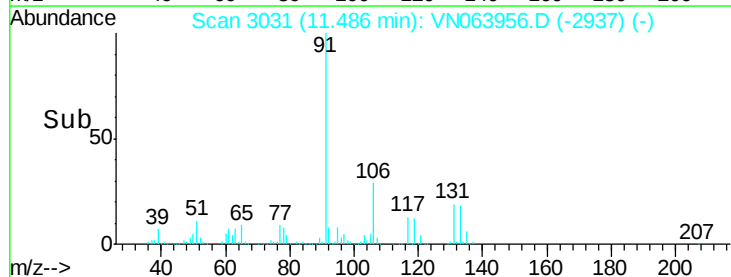
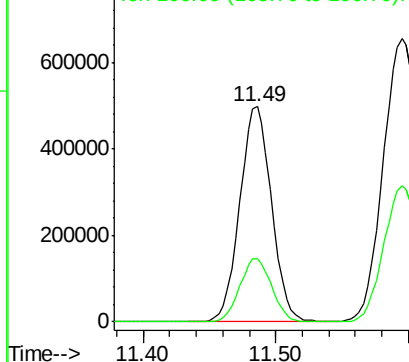
Lab File: VN063956.D

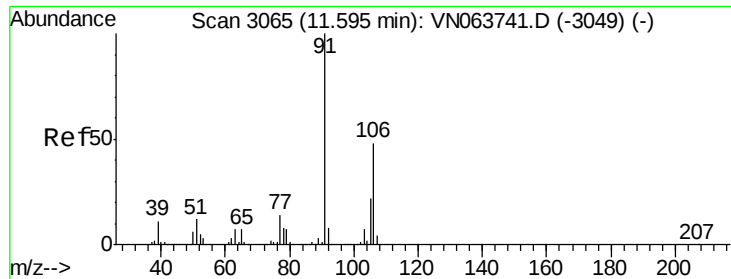
Acq: 7 Oct 2020 20:31

Tgt Ion:	91	Resp:	827360
Ion Ratio	Lower	Upper	
91	100		
106	29.3	24.2	36.2



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V





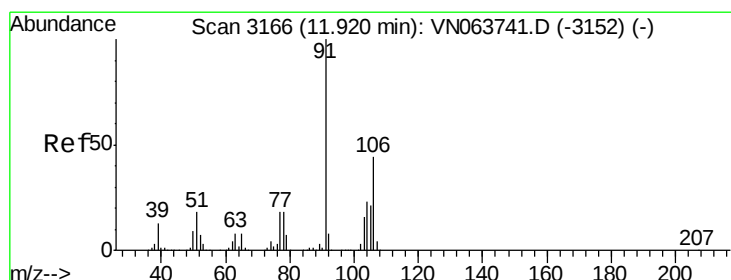
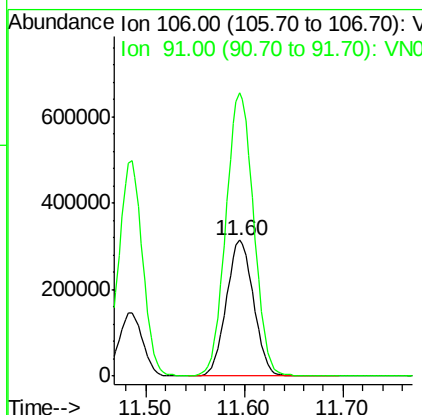
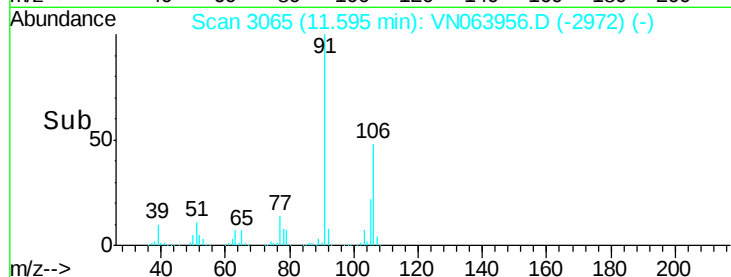
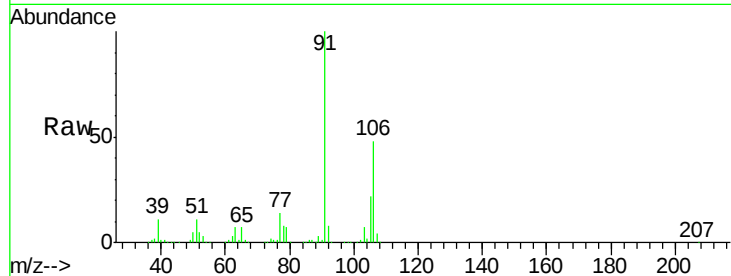
#68
m/p-Xylenes
Concen: 102.519 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		608334		
91	211.8	168.0	252.0		

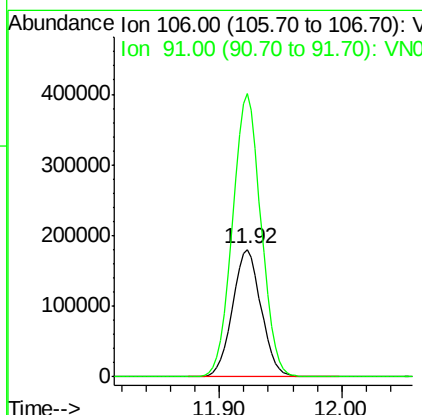
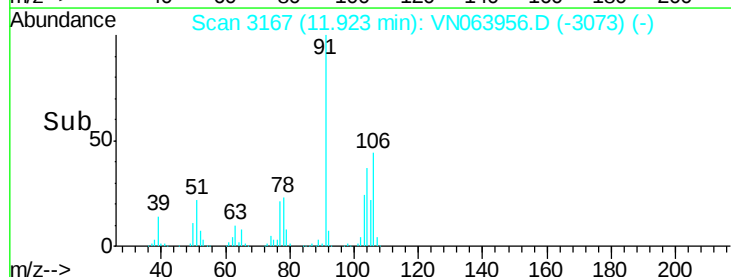
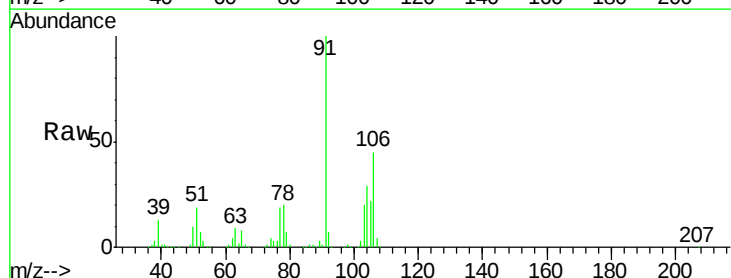
Manual Integrations
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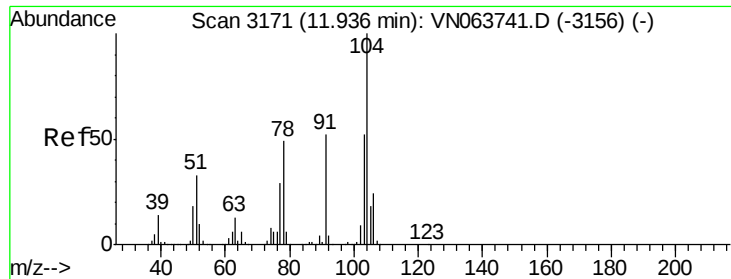
MMDadoda
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#69
o-Xylene
Concen: 53.029 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		294109		
91	221.3	112.7	338.0		





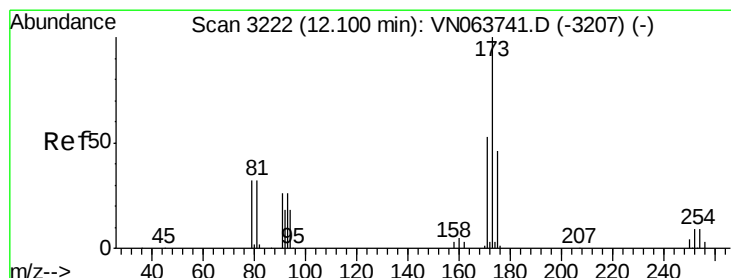
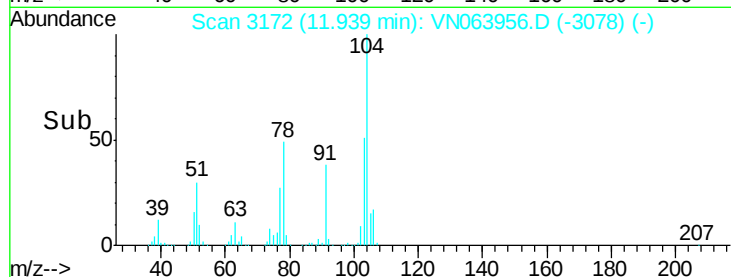
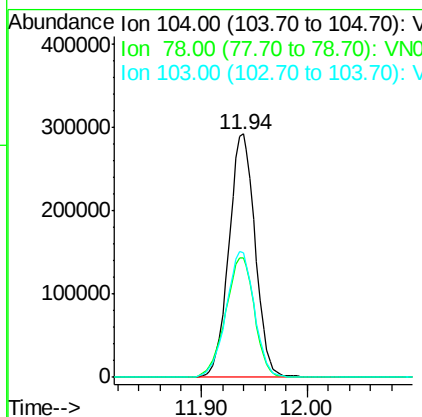
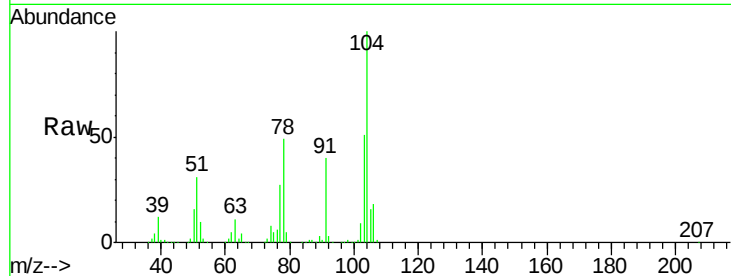
#70
Stvrene
Concen: 53.367 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	502426		
78	54.3		44.1	66.1
103	55.3		44.3	66.5

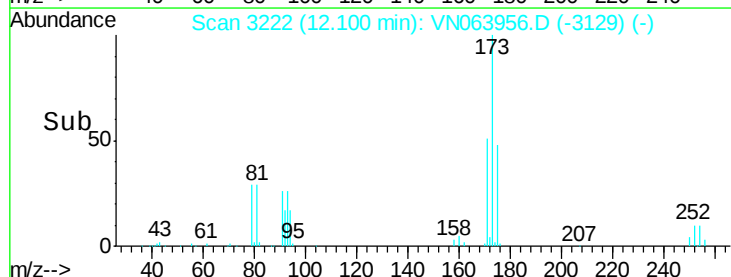
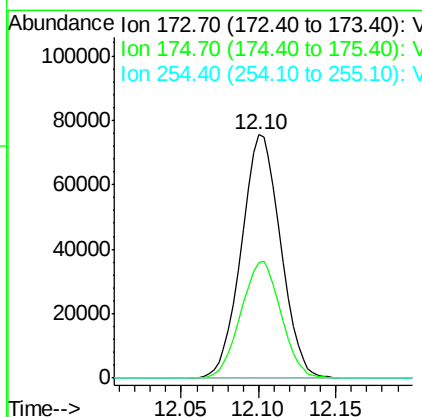
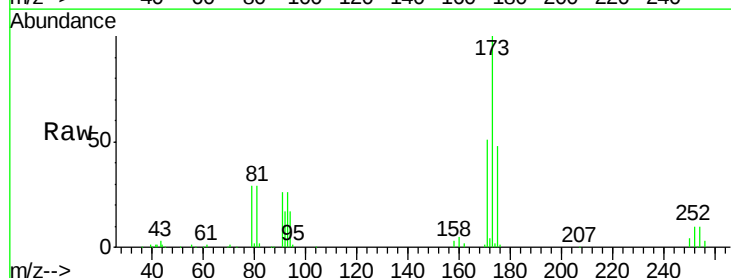
Manual Integrations
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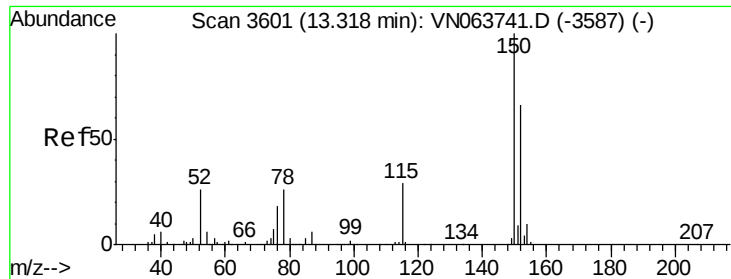
MMDadoda
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#71
Bromoform
Concen: 52.093 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	133645		
175	48.8		23.5	70.5
254	0.0		0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

Tot Ion:152 Resp: 214046

Ion Ratio Lower Upper

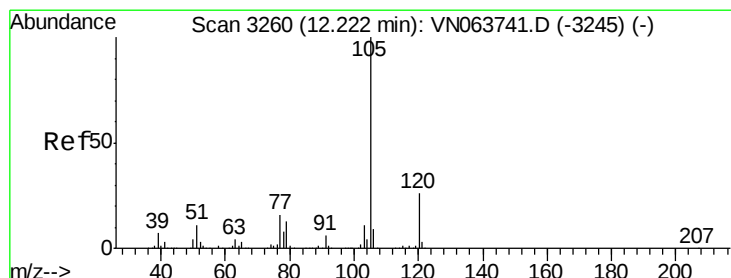
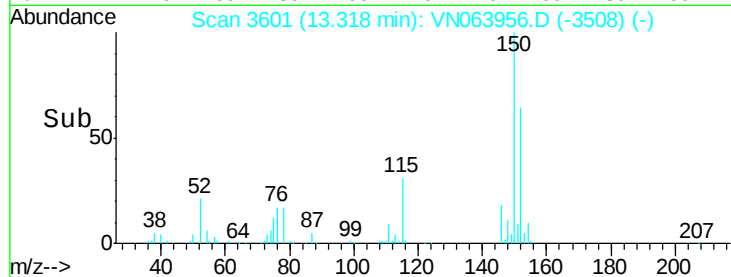
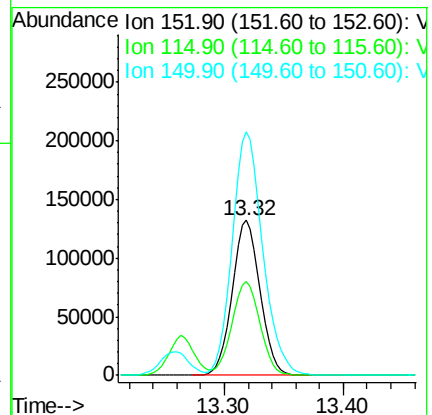
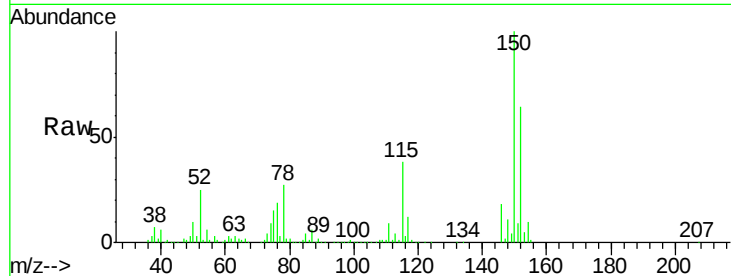
152 100

115 60.5 31.3 93.8

150 171.6 0.0 341.8

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#73

Isopropylbenzene

Concen: 49.510 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063956.D

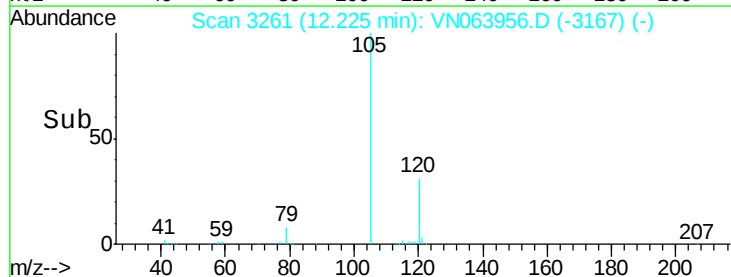
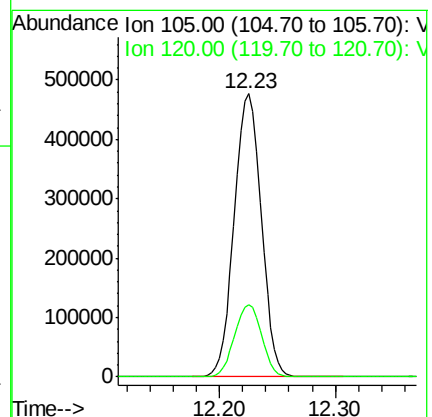
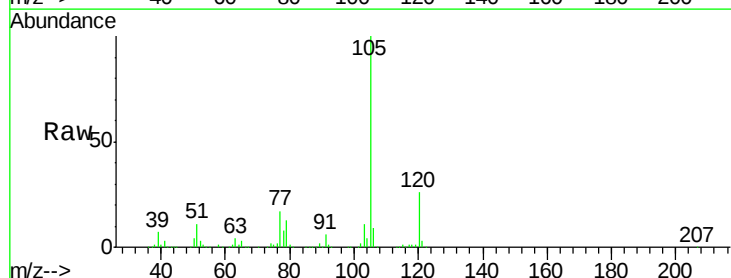
Acq: 7 Oct 2020 20:31

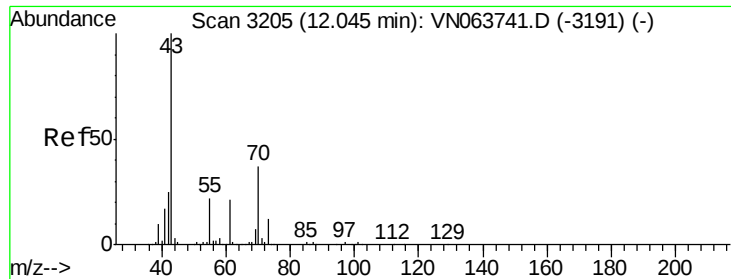
Tgt Ion:105 Resp: 772970

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8





#74

N-amyl acetate

Concen: 46.231 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

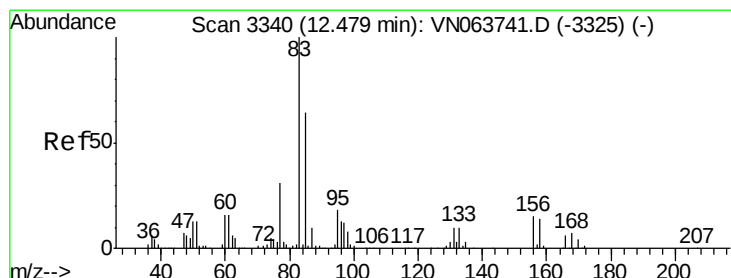
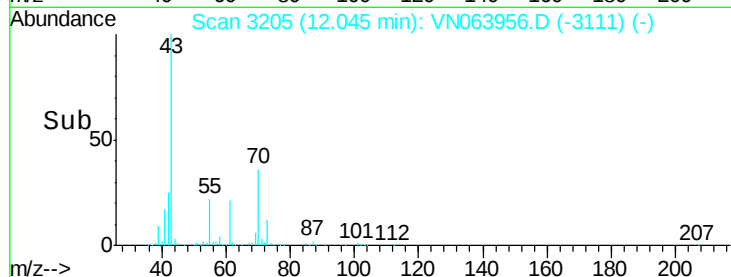
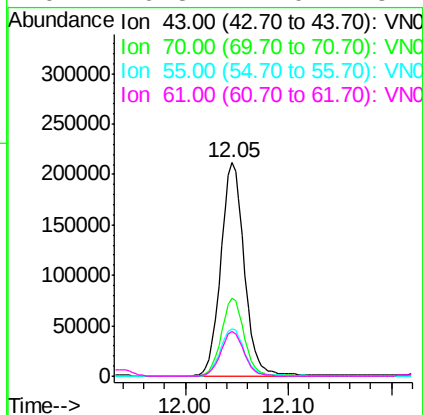
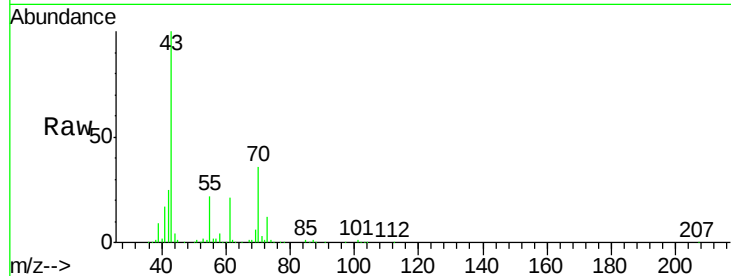
ClientSampled :

B-6-MW-2MS

Tot Ion	43	Resp	334198
Ion Ratio	Lower	Upper	
43	100		
70	35.8	29.8	44.8
55	23.0	17.9	26.9
61	20.8	17.0	25.4

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 50.415 ug/l

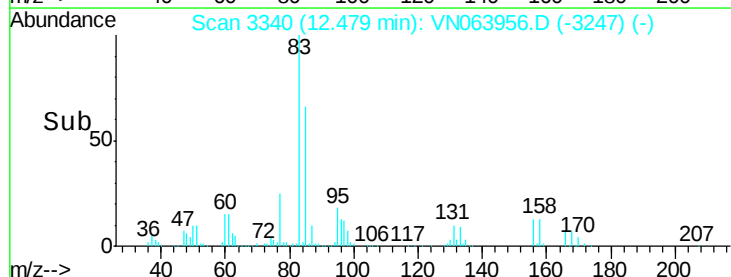
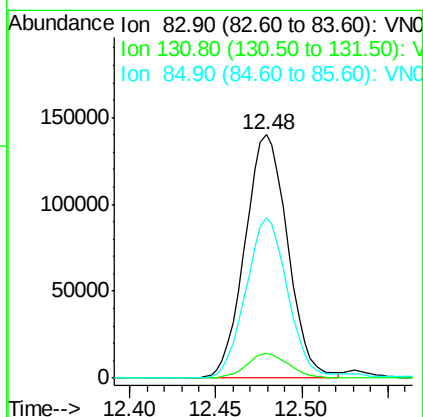
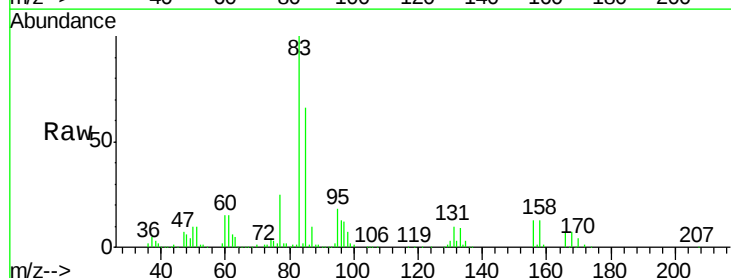
RT: 12.48 min Scan# 3340

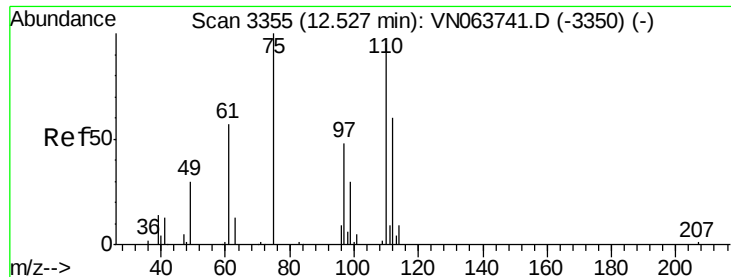
Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Tgt Ion	83	Resp	240689
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.3	15.8
85	64.4	31.3	93.8





#76

1,2,3-Trichloropropane

Concen: 48.705 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

Tot Ion: 75 Resp: 229812

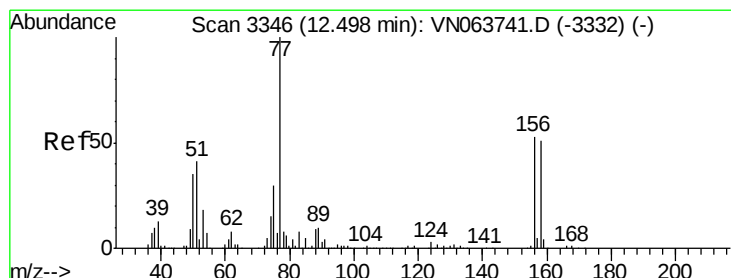
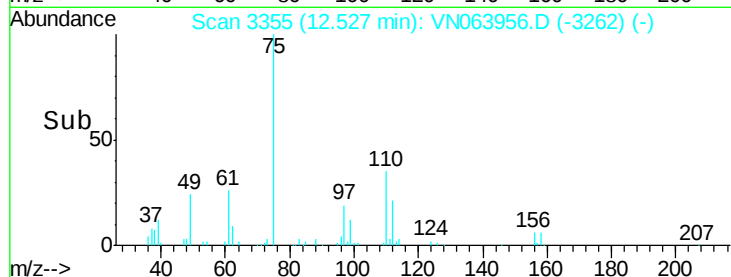
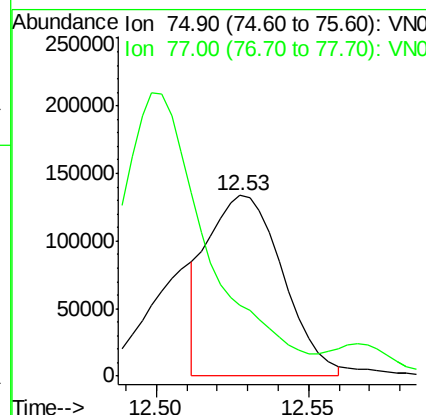
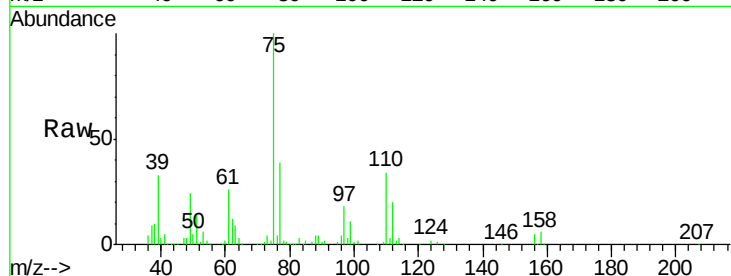
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

Manual Integrations
APPROVED

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#77

Bromobenzene

Concen: 51.569 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

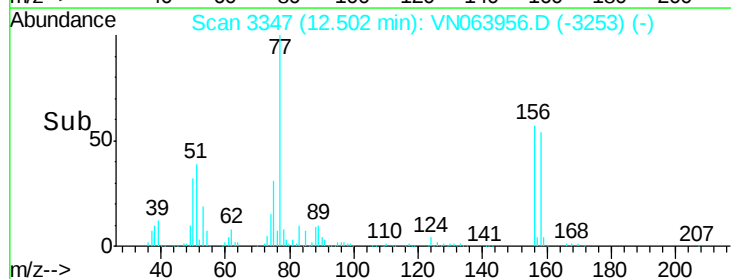
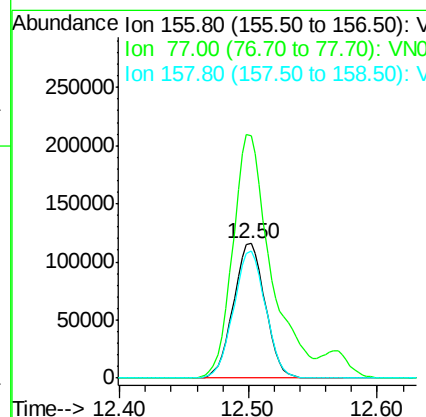
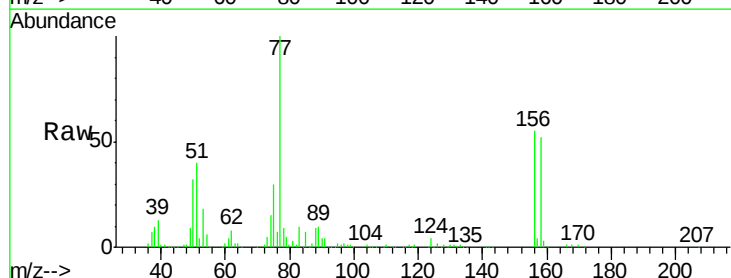
Tgt Ion: 156 Resp: 197556

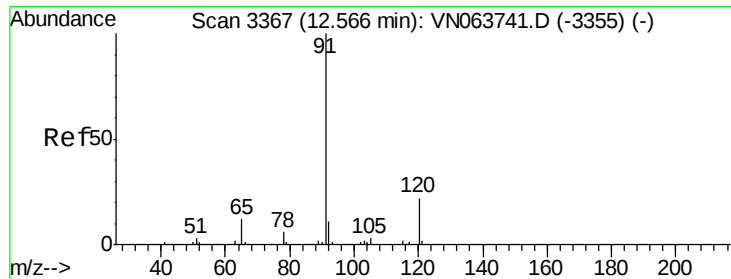
Ion Ratio Lower Upper

156 100

77 215.3 110.9 332.7

158 95.5 47.7 143.1





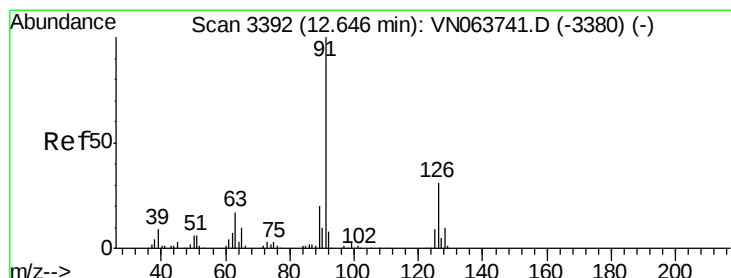
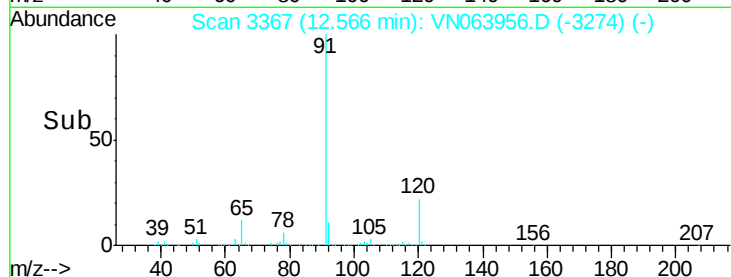
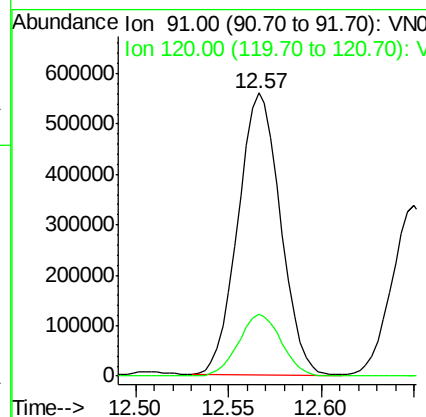
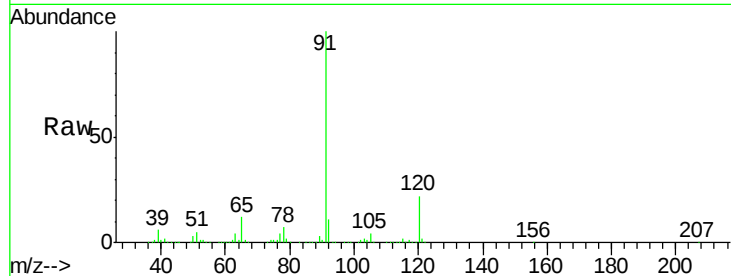
#78
n-propylbenzene
Concen: 48.818 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1

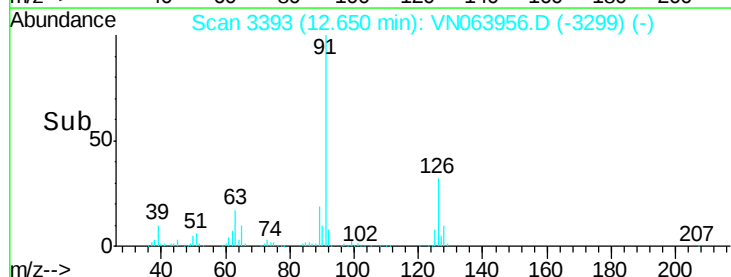
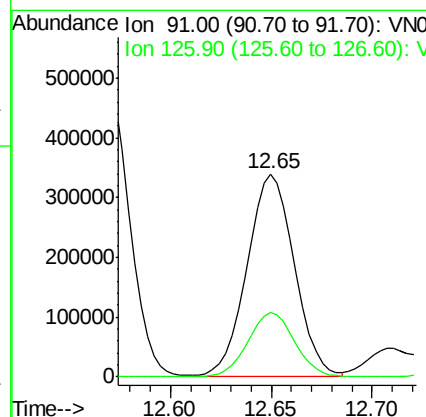
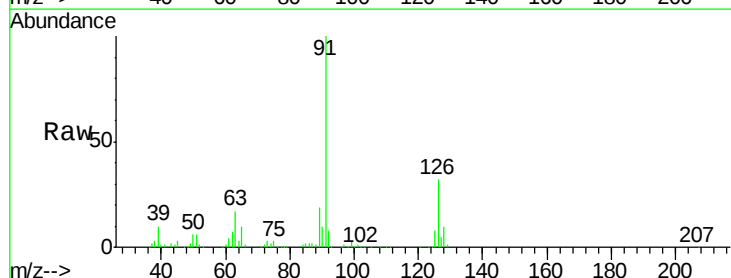
Manual Integrations
APPROVED

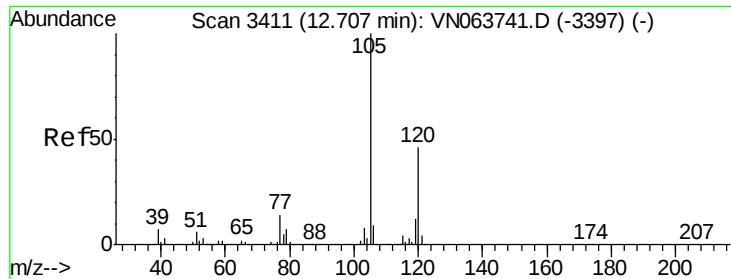
MMDadoda
10/8/2020 10:09:12 AM



#79
2-Chlorotoluene
Concen: 49.310 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.9	47.7





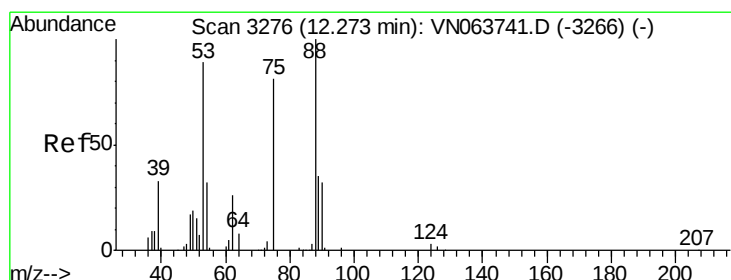
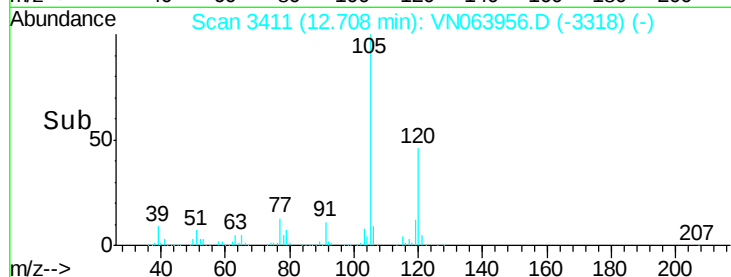
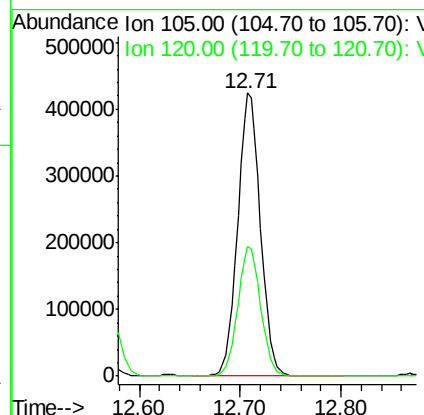
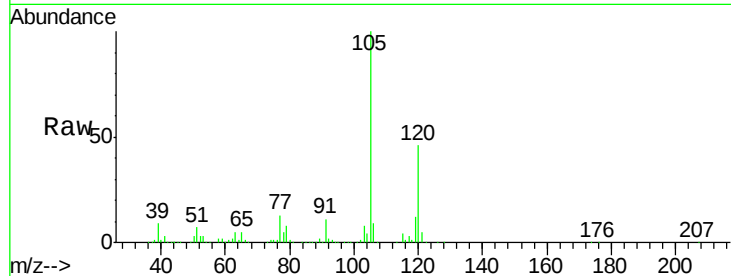
#80
 1,3,5-Trimethylbenzene
 Concen: 50.545 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampled :
 B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.3	69.9

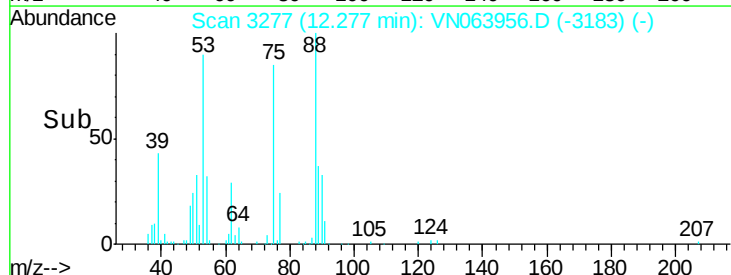
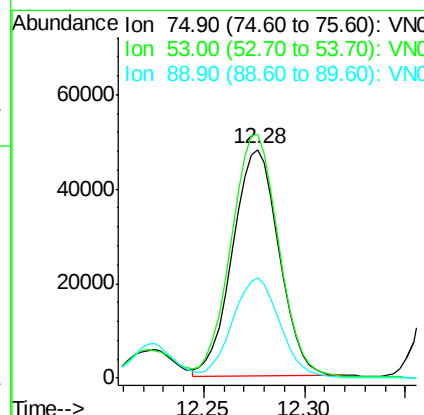
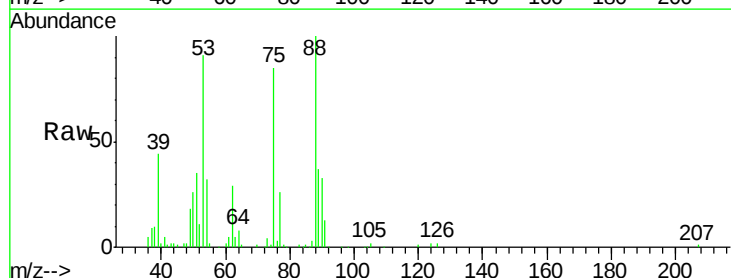
Manual Integrations
 APPROVED

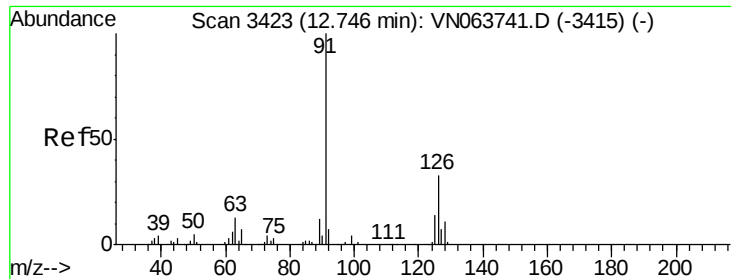
MMDadoda
 10/8/2020 10:09:12 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.405 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.5	88.2	132.2
89	45.4	36.0	54.0





#82

4-Chlorotoluene

Concen: 49.363 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

Tot Ion: 91 Resp: 572637

Ion Ratio Lower Upper

91 100

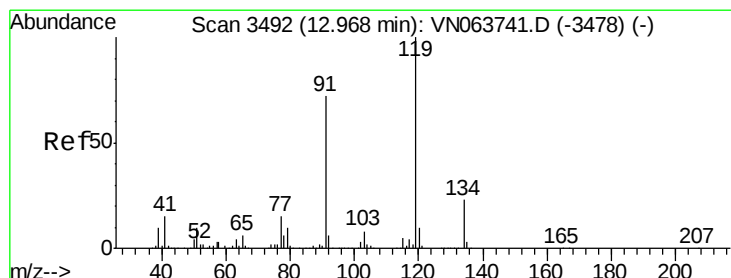
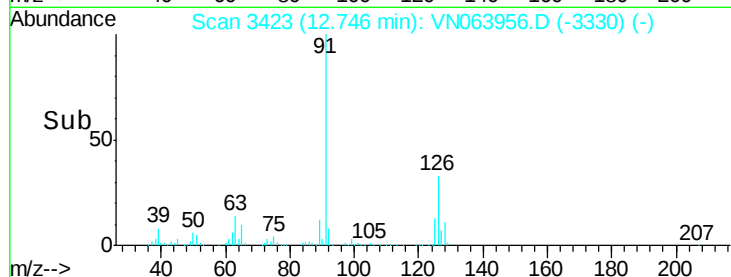
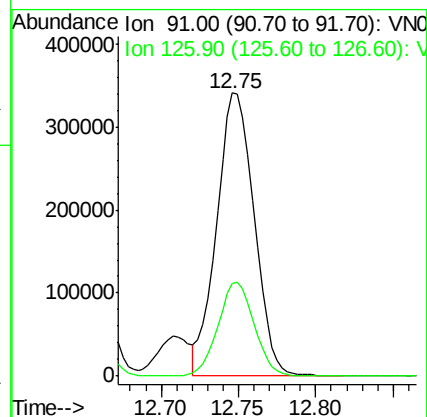
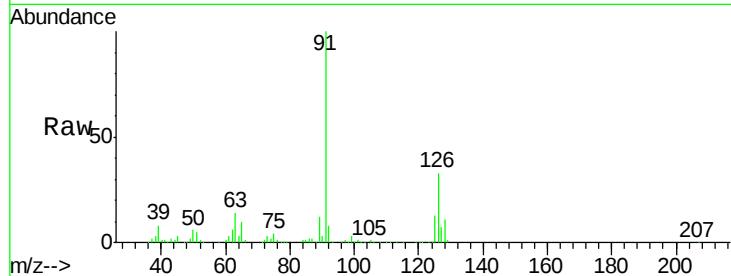
126 32.2 15.4 46.2

Manual Integrations

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#83

tert-Butylbenzene

Concen: 50.087 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

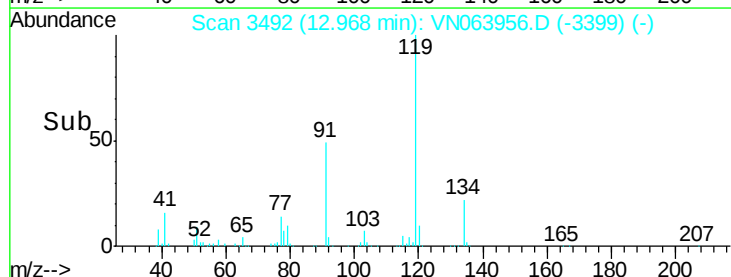
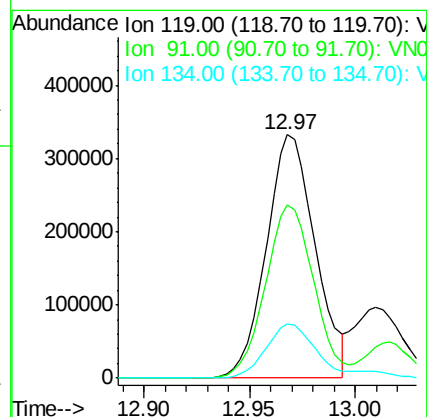
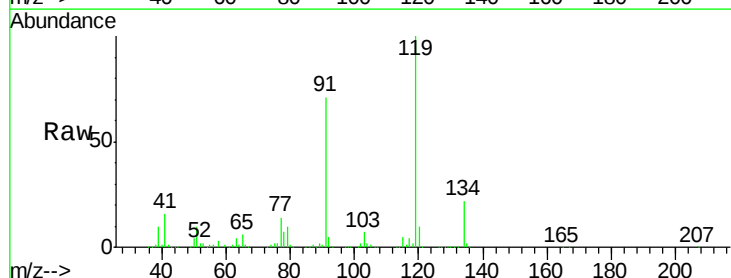
Tgt Ion: 119 Resp: 536625

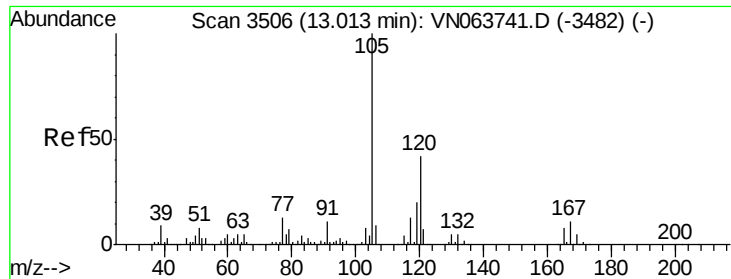
Ion Ratio Lower Upper

119 100

91 70.2 35.5 106.5

134 22.5 11.7 35.1





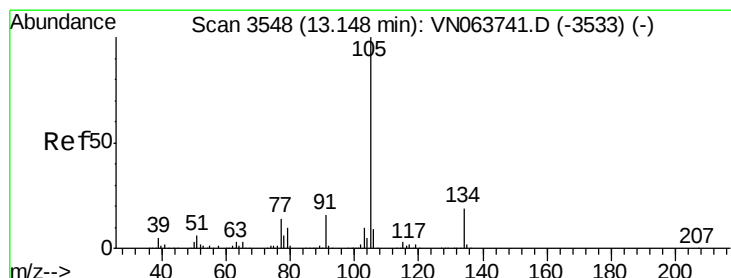
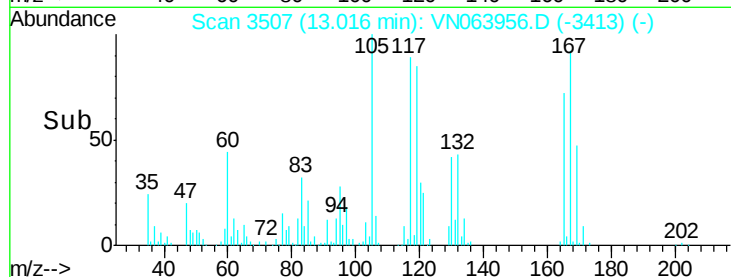
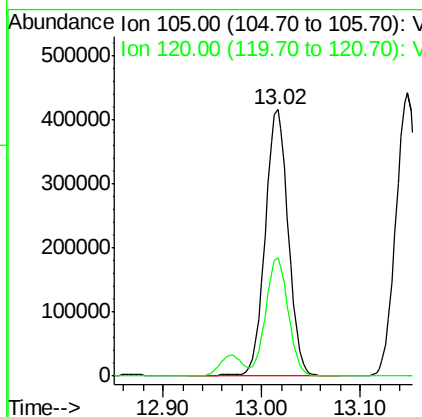
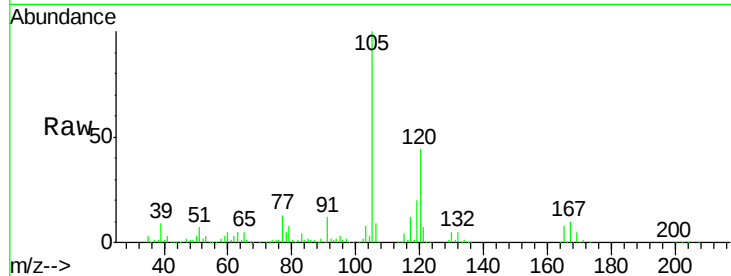
#84
1,2,4-Trimethylbenzene
Concen: 51.197 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.2	20.9	62.7

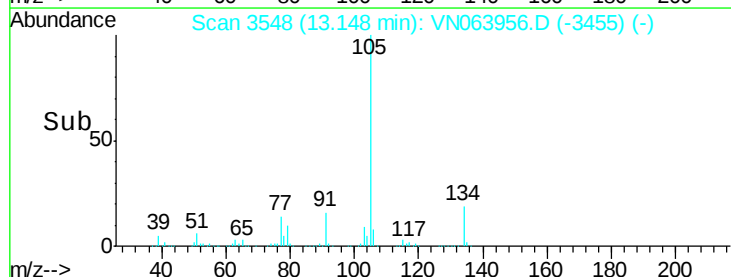
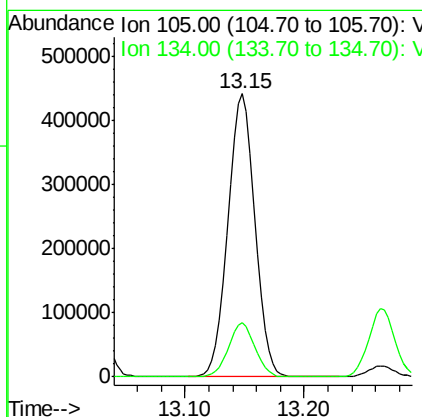
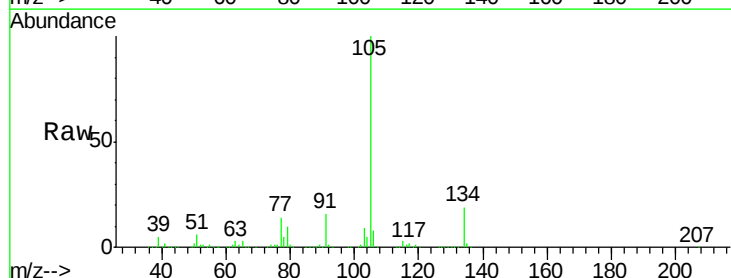
Manual Integrations
APPROVED

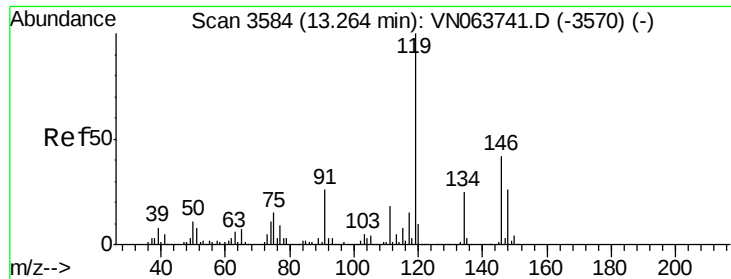
MMDadoda
10/8/2020 10:09:12 AM



#85
sec-Butylbenzene
Concen: 49.226 ug/l
RT: 13.15 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.5	28.5





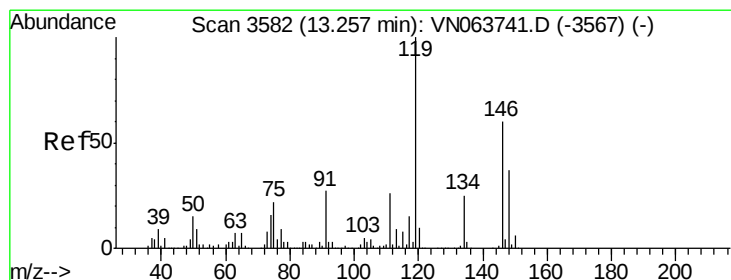
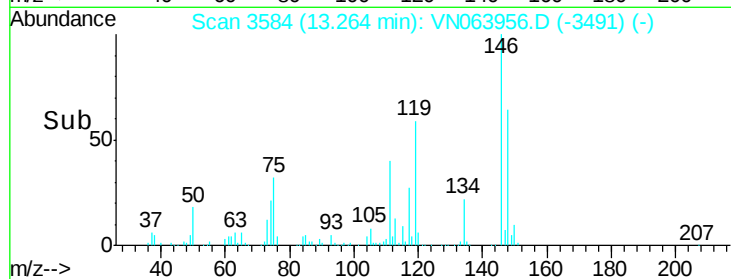
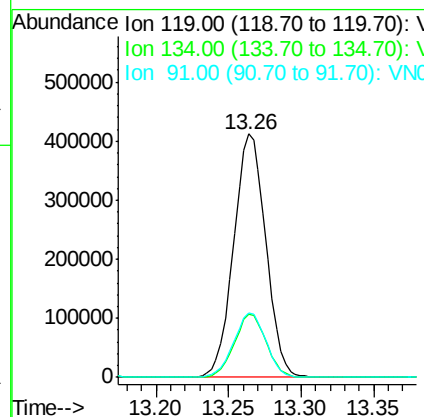
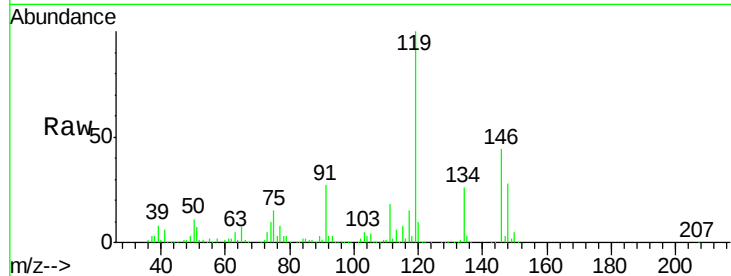
#86
 p-Isopropyltoluene
 Concen: 50.561 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	26.5	13.4	40.2

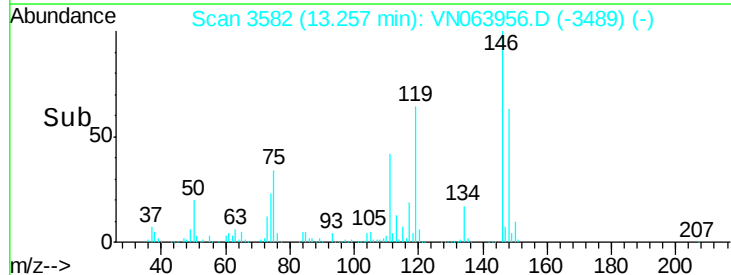
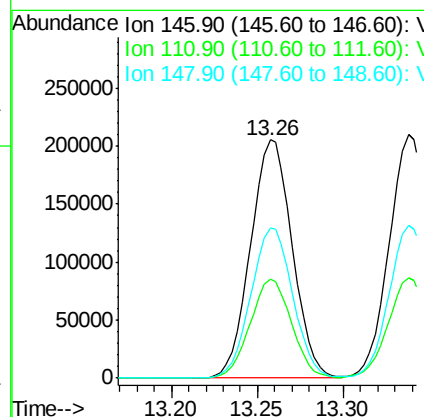
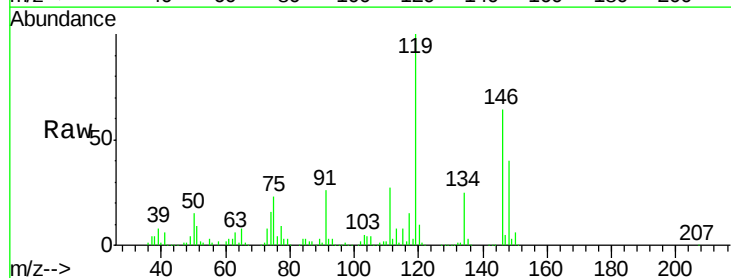
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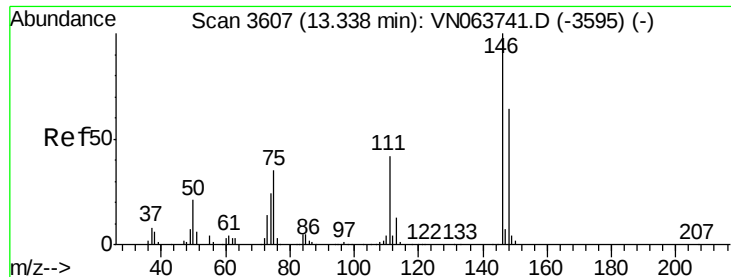
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 49.997 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.5	64.5
148	63.3	31.1	93.3





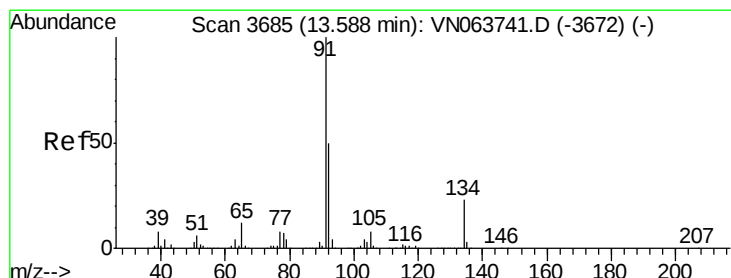
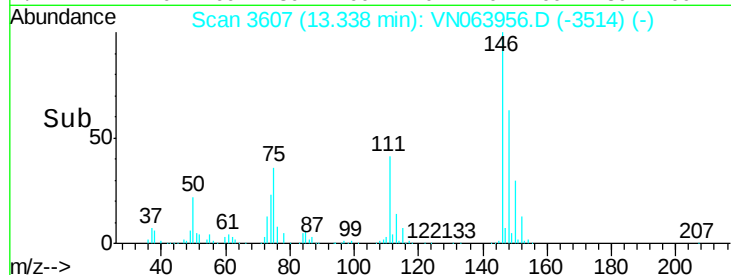
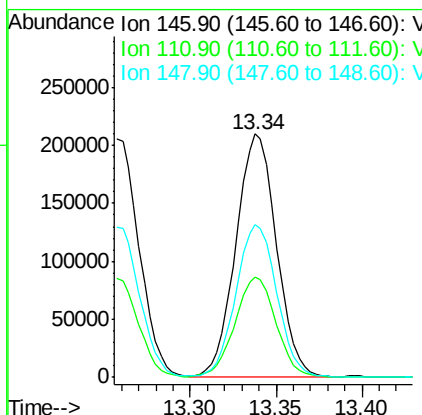
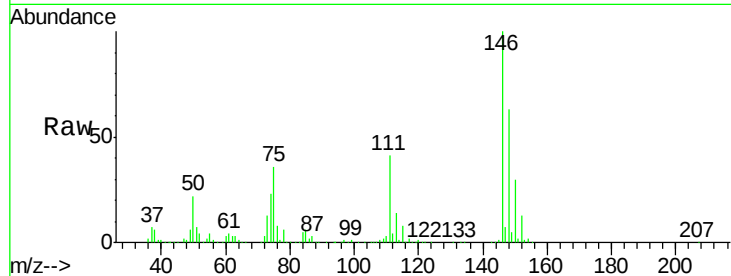
#88
 1,4-Dichlorobenzene
 Concen: 47.309 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.7
148	63.6	32.0	96.0

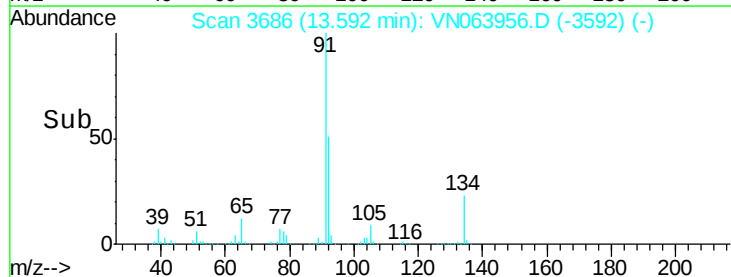
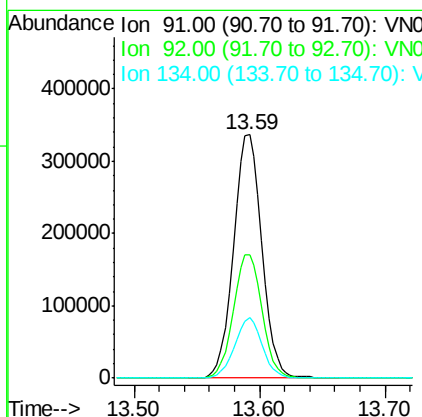
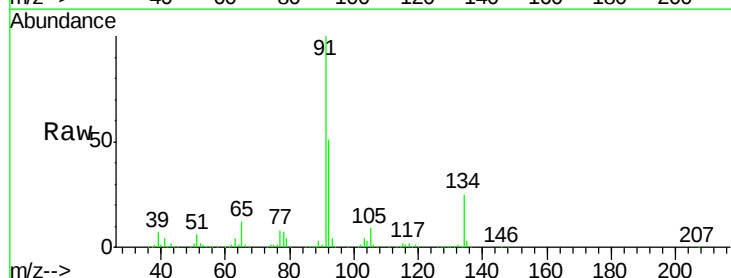
Manual Integrations
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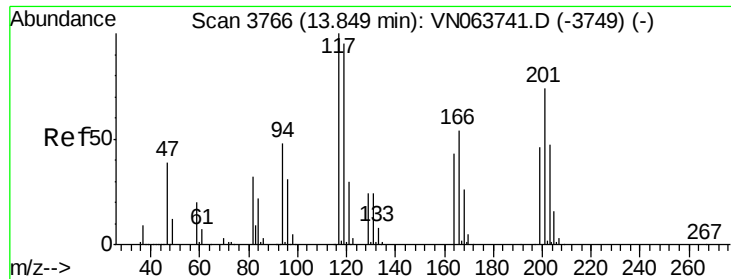
MMDadoda
 10/8/2020 10:09:12 AM



#89
 n-Butylbenzene
 Concen: 45.814 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.4	76.4
134	24.1	11.7	35.1





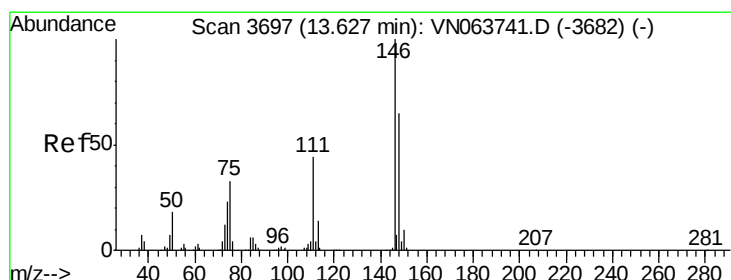
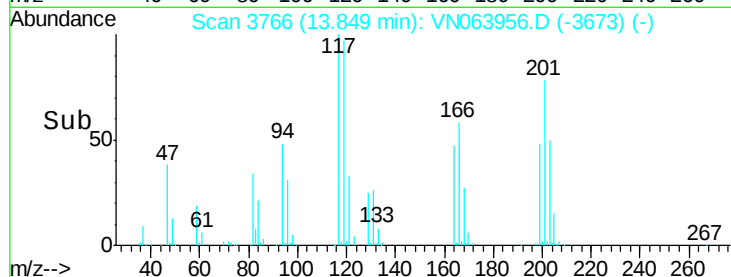
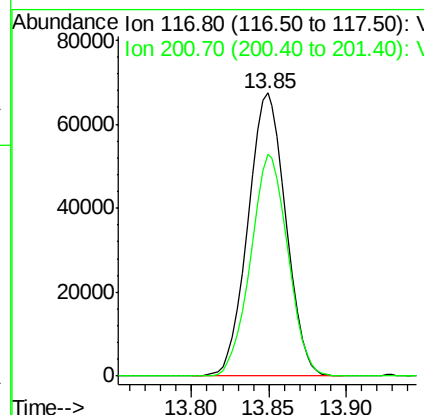
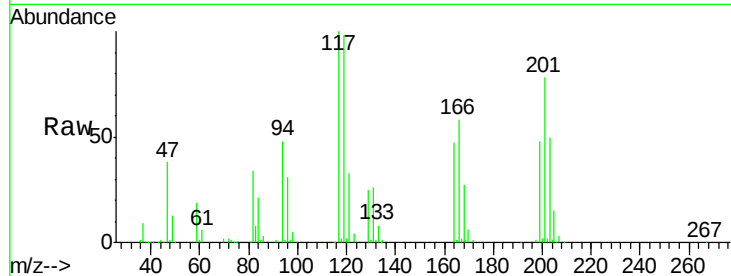
#90
Hexachloroethane
Concen: 47.592 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
201	77.2	36.0	108.0	

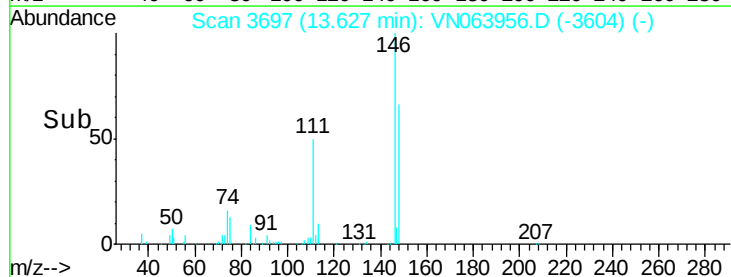
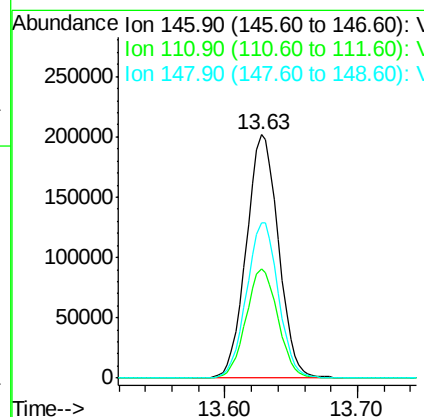
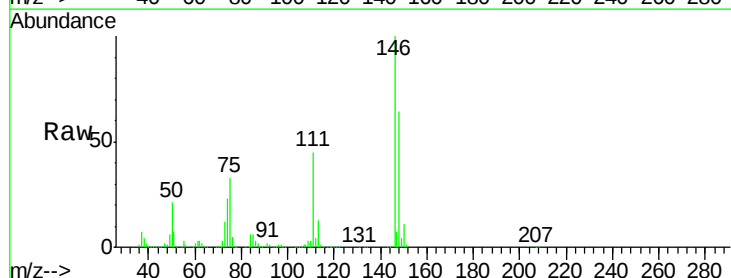
Manual Integrations
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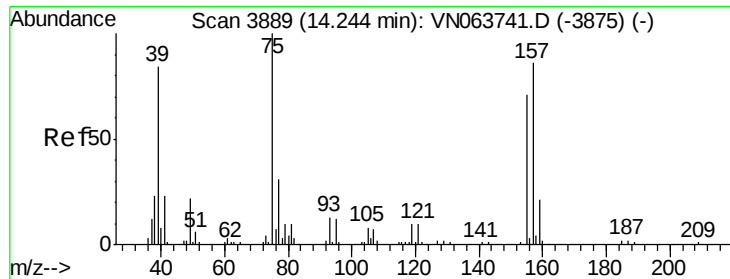
MMDadoda
10/8/2020 10:09:12 AM



#91
1,2-Dichlorobenzene
Concen: 49.582 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.5	22.2	66.6	
148	63.2	32.5	97.4	





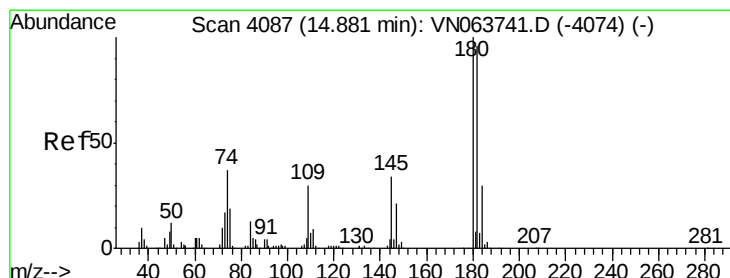
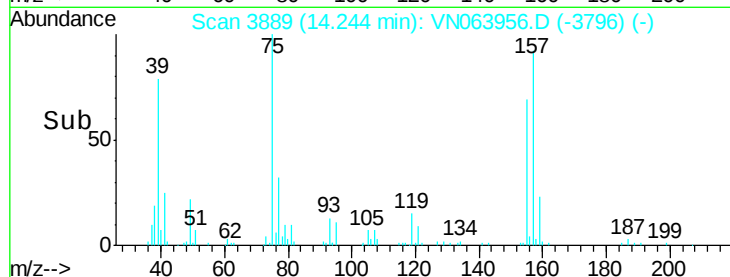
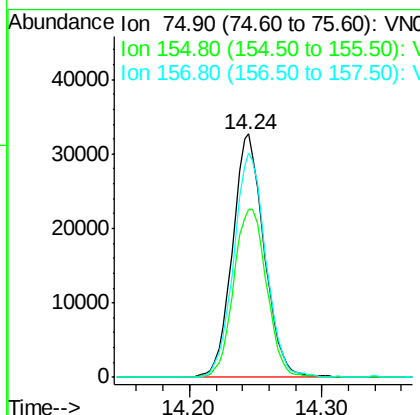
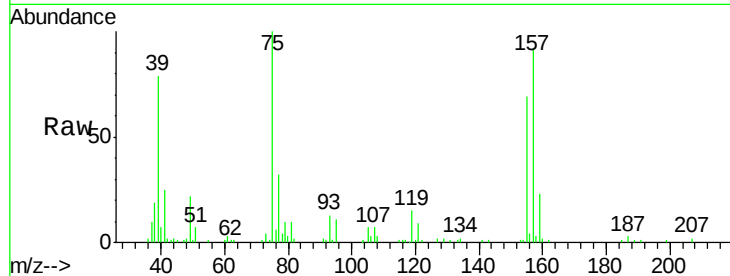
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.445 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampled :
 B-6-MW-2MS

Tot Ion: 75 Resp: 54240
 Ion Ratio Lower Upper
 75 100
 155 71.6 34.8 104.5
 157 93.2 43.7 131.1

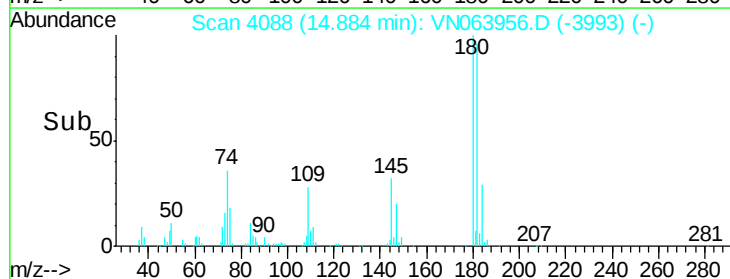
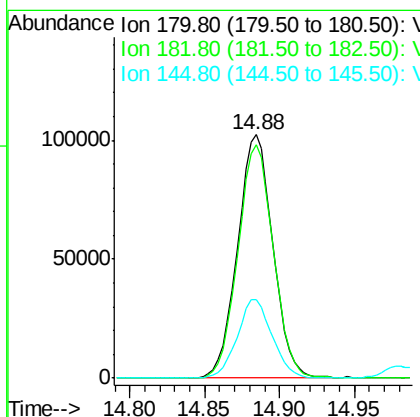
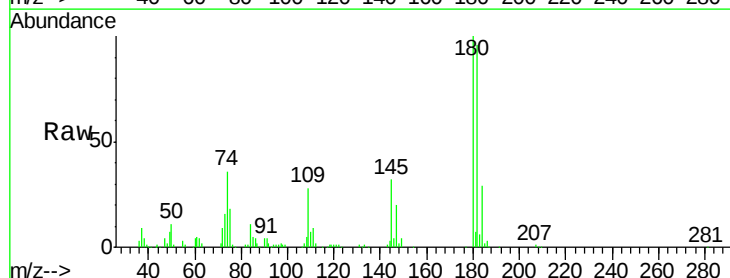
Manual Integrations
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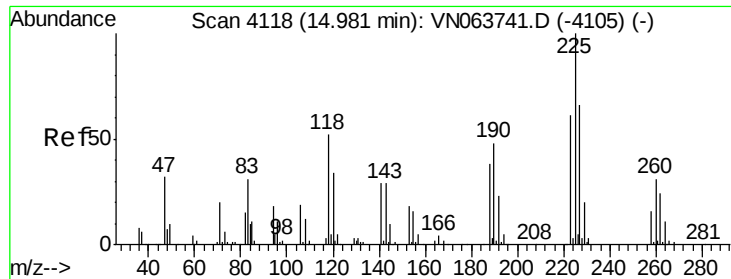
MMDadoda
 10/8/2020 10:09:12 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.327 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 180 Resp: 168563
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.2 144.6
 145 32.1 17.1 51.2





#94

Hexachlorobutadiene

Concen: 47.737 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

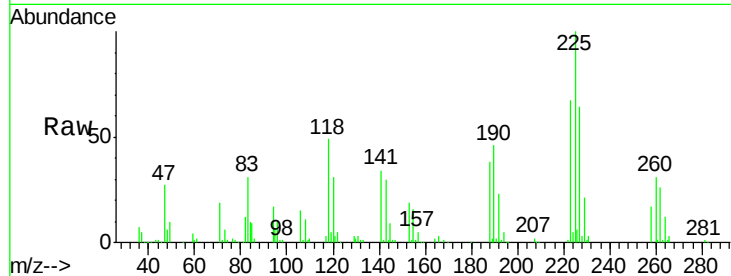
ClientSampleId :

B-6-MW-2MS

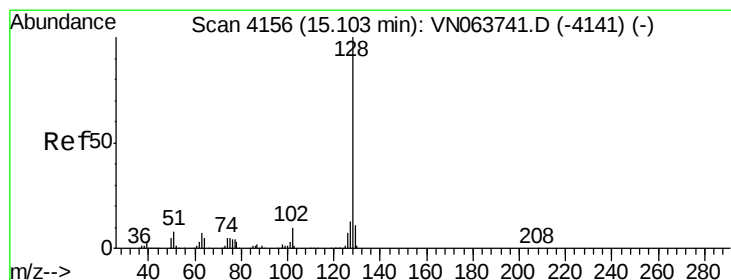
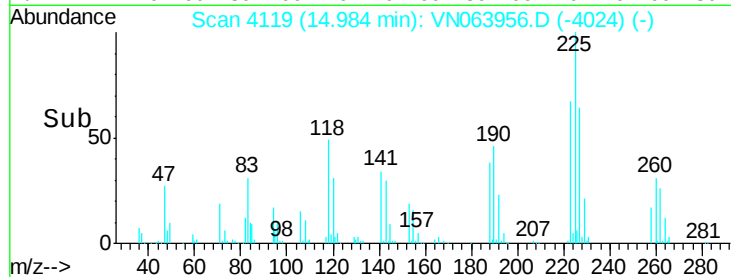
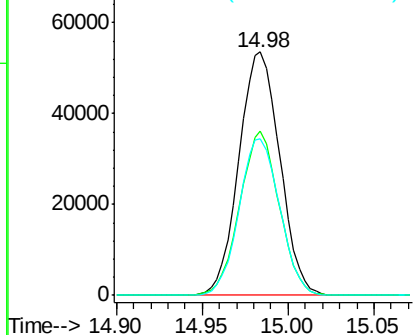
Tot Ion:	225	Resp:	88844
Ion Ratio	Lower	Upper	
225	100		
223	64.8	30.3	91.0
227	63.8	31.9	95.5

Manual Integrations
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MMDadoda
10/8/2020 10:09:12 AM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.018 ug/l

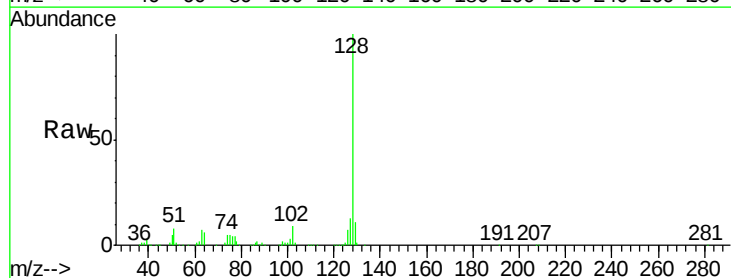
RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

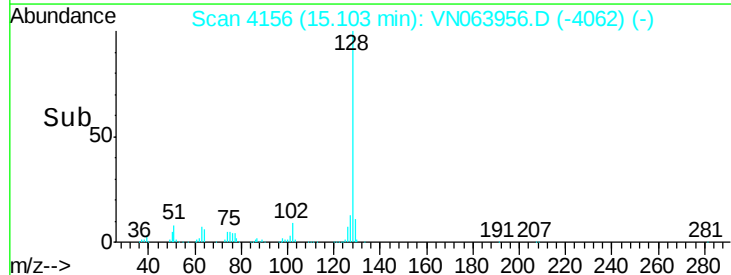
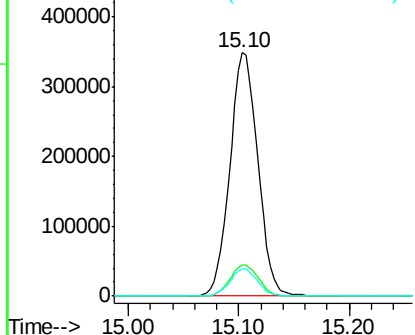
Lab File: VN063956.D

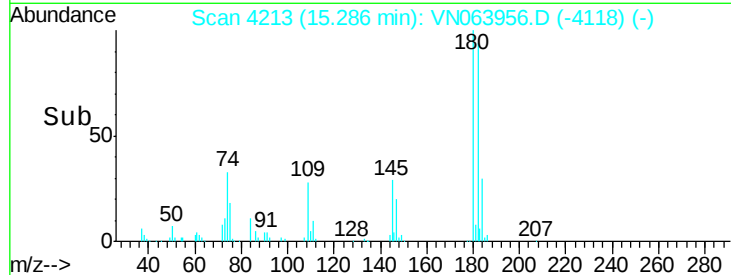
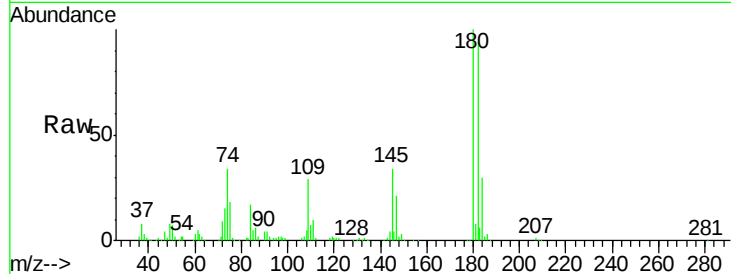
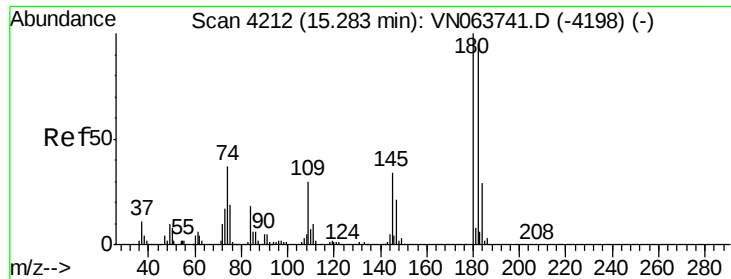
Acq: 7 Oct 2020 20:31

Tgt Ion:	128	Resp:	613729
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 46.238 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	47.9	143.6
145	34.0	17.2	51.5

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:12 AM

