

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063206.D
 Acq On : 2 Sep 2020 19:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 9:29:17 AM

Quant Time: Sep 03 03:01:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	420478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	775037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	748812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	346429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	348325	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.55	113	253978	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.06	98	977499	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.38	95	357909	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	197514	47.697	ug/l	99
3) Chloromethane	2.04	50	269088	44.626	ug/l	99
4) Vinyl Chloride	2.17	62	300173	45.066	ug/l	97
5) Bromomethane	2.53	94	250935	44.755	ug/l	98
6) Chloroethane	2.68	64	255462	48.237	ug/l	98
7) Trichlorofluoromethane	2.98	101	460766	50.154	ug/l	98
8) Diethyl Ether	3.38	74	148031	46.449	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	218620	48.288	ug/l	99
10) Methyl Iodide	3.91	142	291882	47.270	ug/l	98
11) Tert butyl alcohol	4.73	59	190147	225.365	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	220780	47.858	ug/l	95
13) Acrolein	3.57	56	97266	299.469	ug/l	99
14) Allyl chloride	4.28	41	381808	46.600	ug/l	95
15) Acrylonitrile	4.93	53	578838	244.968	ug/l	99
16) Acetone	3.78	43	485727	248.586	ug/l	99
17) Carbon Disulfide	4.01	76	612388	44.598	ug/l	100
18) Methyl Acetate	4.28	43	277386	55.366	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	810232	47.344	ug/l	99
20) Methylene Chloride	4.51	84	266536	48.497	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	252367	49.515	ug/l	96
22) Diisopropyl ether	5.90	45	890288	48.490	ug/l	93
23) Vinyl Acetate	5.84	43	3657480	249.657	ug/l	99
24) 1,1-Dichloroethane	5.80	63	477435	47.169	ug/l	99
25) 2-Butanone	6.78	43	788574	260.641	ug/l	100
26) 2,2-Dichloropropane	6.78	77	379177	41.347	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	294118	47.476	ug/l	97
28) Bromochloromethane	7.15	49	225892	42.717	ug/l	100
29) Tetrahydrofuran	7.16	42	514237	245.810	ug/l	99
30) Chloroform	7.33	83	511542	48.306	ug/l	98
31) Cyclohexane	7.61	56	410994	45.935	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	451573	49.486	ug/l	99
36) 1,1-Dichloropropene	7.75	75	371614	49.876	ug/l	99
37) Ethyl Acetate	6.88	43	344960	49.038	ug/l #	94
38) Carbon Tetrachloride	7.74	117	378385	50.077	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	397446	47.482	ug/l	98
40) Benzene	8.00	78	1112469	50.809	ug/l	99
41) Methacrylonitrile	7.13	41	166220	52.956	ug/l	97
42) 1,2-Dichloroethane	8.09	62	419891	51.339	ug/l	100
43) Isopropyl Acetate	8.13	43	630837	51.916	ug/l #	91
44) Trichloroethene	8.80	130	284845	53.635	ug/l	100
45) 1,2-Dichloropropane	9.08	63	282623	48.752	ug/l	99
46) Dibromomethane	9.17	93	199786	52.004	ug/l	99
47) Bromodichloromethane	9.37	83	418931	50.875	ug/l	99
48) Methyl methacrylate	9.17	41	288526	52.672	ug/l	96
49) 1,4-Dioxane	9.17	88	80359	948.469	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1795603	271.936	ug/l	99
52) Toluene	10.13	92	699761	51.305	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	436490	48.459	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	468082	49.507	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	264250	50.589	ug/l	98
56) Ethyl methacrylate	10.40	69	411447	51.759	ug/l	100
57) 1,3-Dichloropropane	10.68	76	476675	51.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	944517	229.450	ug/l	100
59) 2-Hexanone	10.72	43	1304798	281.175	ug/l	100
60) Dibromochloromethane	10.87	129	311141	53.878	ug/l	98
61) 1,2-Dibromoethane	10.98	107	288525	53.136	ug/l	98
64) Tetrachloroethene	10.60	164	282474	52.532	ug/l	97
65) Chlorobenzene	11.41	112	740681	49.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	278404	49.718	ug/l	99
67) Ethyl Benzene	11.49	91	1404374	51.042	ug/l	99
68) m/p-Xylenes	11.60	106	1035641	101.630	ug/l	98
69) o-Xylene	11.92	106	497427	50.530	ug/l	100
70) Styrene	11.94	104	870050	51.427	ug/l	99
71) Bromoform	12.10	173	194417	51.161	ug/l #	98
73) Isopropylbenzene	12.23	105	1359897	51.180	ug/l	99
74) N-amyl acetate	12.05	43	582782	52.951	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	382040	49.872	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	329739m	48.444	ug/l	
77) Bromobenzene	12.50	156	300851	50.065	ug/l	98
78) n-propylbenzene	12.57	91	1588423	51.662	ug/l	100
79) 2-Chlorotoluene	12.65	91	922333	50.085	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1132056	51.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	122817	43.612	ug/l	96
82) 4-Chlorotoluene	12.75	91	971179	50.849	ug/l	99
83) tert-Butylbenzene	12.97	119	936414	49.369	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1146277	51.420	ug/l	99
85) sec-Butylbenzene	13.15	105	1277082	51.661	ug/l	99
86) p-Isopropyltoluene	13.26	119	1150967	52.443	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	567870	51.441	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	557407	48.764	ug/l	99
89) n-Butylbenzene	13.59	91	1042733	51.428	ug/l	99
90) Hexachloroethane	13.85	117	183231	45.100	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	560082	52.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	81424	48.347	ug/l	97

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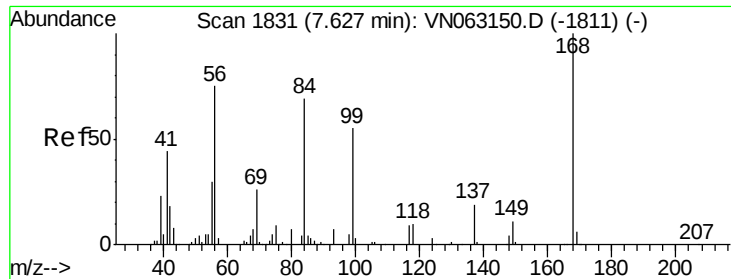
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QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	300726	50.246	ug/l	99
94) Hexachlorobutadiene	14.98	225	106537	47.650	ug/l	100
95) Naphthalene	15.11	128	976539	48.905	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	285435	48.951	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 420478

Ion Ratio Lower Upper

168 100

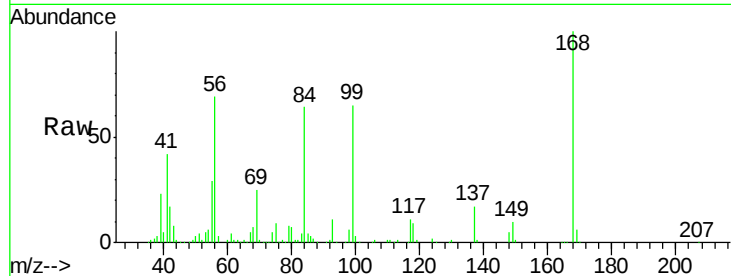
99 64.5 54.2 81.2

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

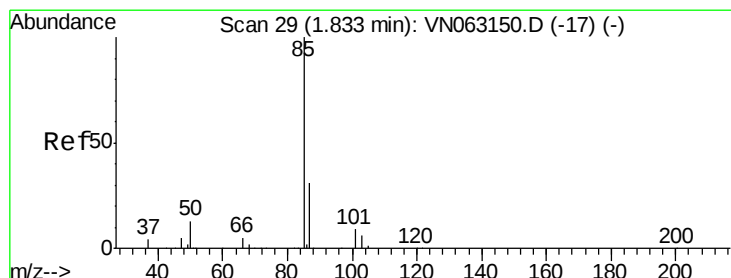
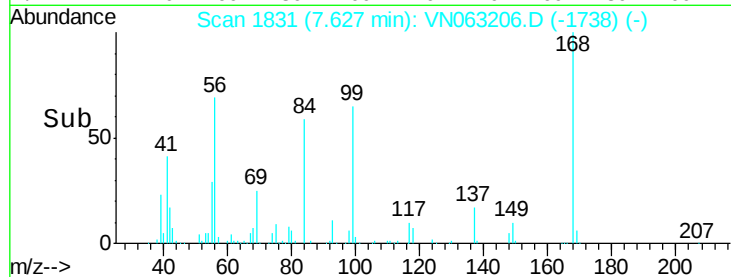
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.697 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063206.D

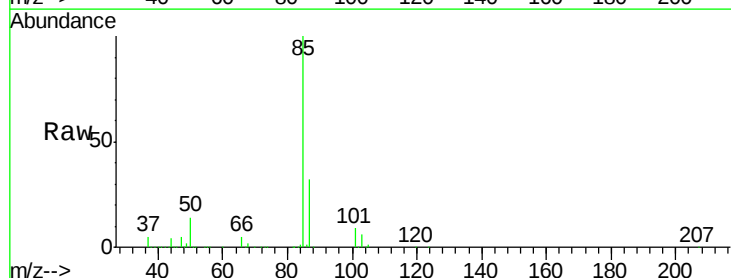
Acq: 2 Sep 2020 19:52

Tgt Ion: 85 Resp: 197514

Ion Ratio Lower Upper

85 100

87 31.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

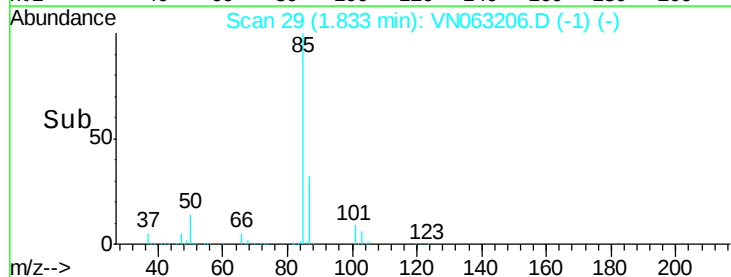
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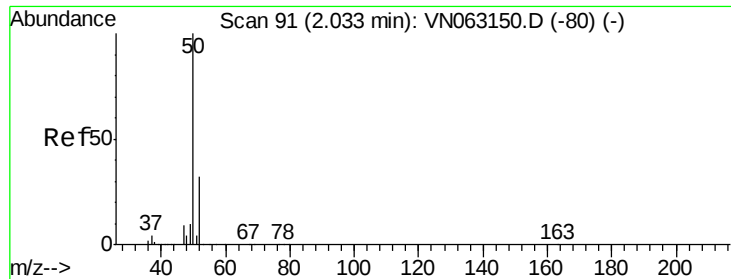
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.626 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 269088

Ion Ratio Lower Upper

50 100

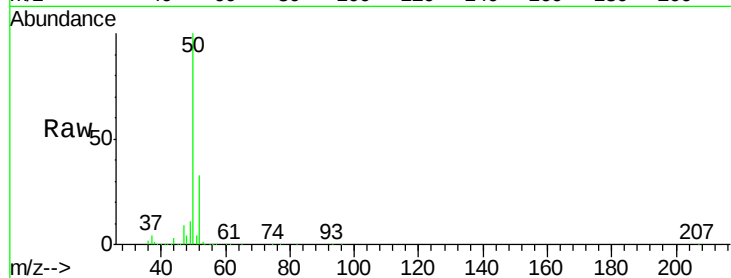
52 32.7 25.8 38.6

Manual Integrations

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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

200000

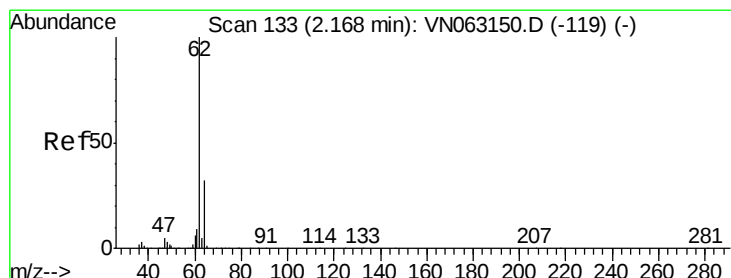
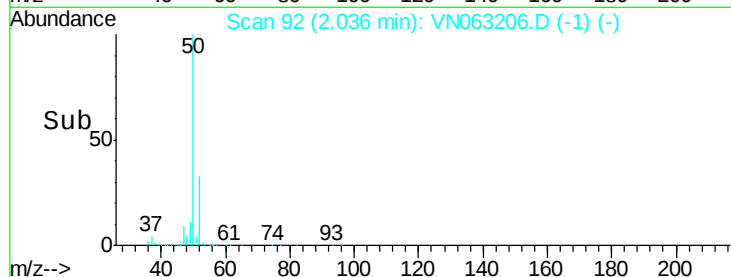
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 45.066 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063206.D

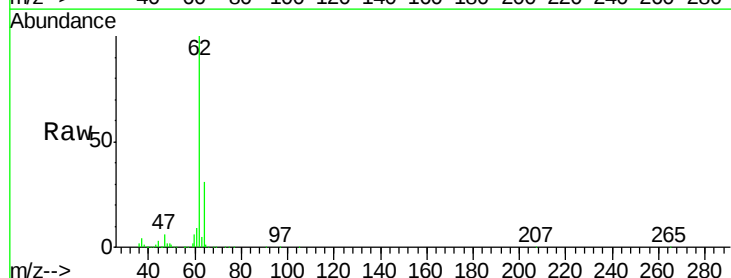
Acq: 2 Sep 2020 19:52

Tgt Ion: 62 Resp: 300173

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

200000

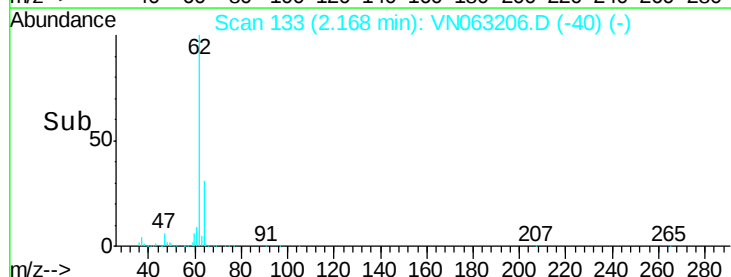
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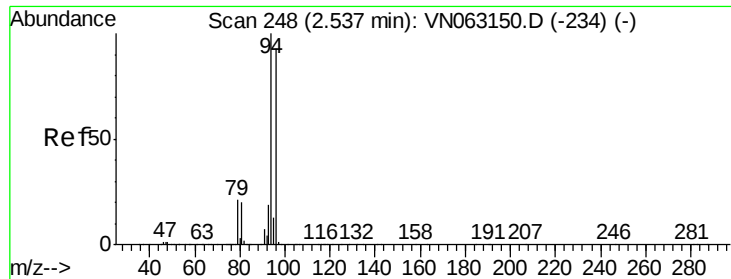
100000

50000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 44.755 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 250935

Ion Ratio Lower Upper

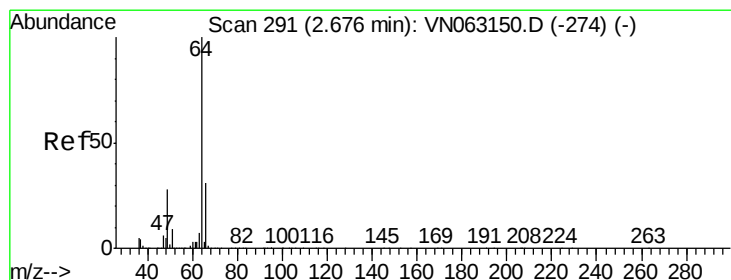
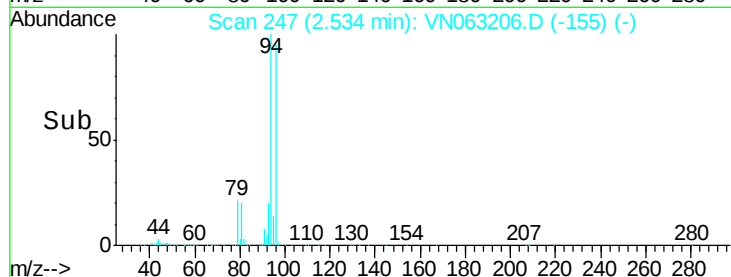
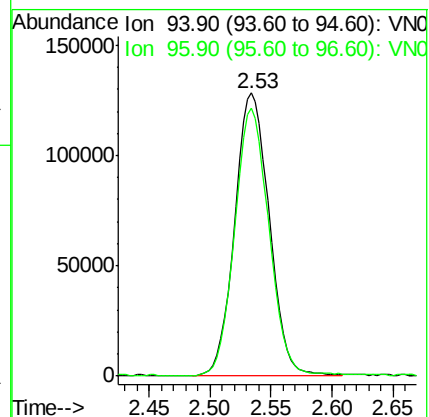
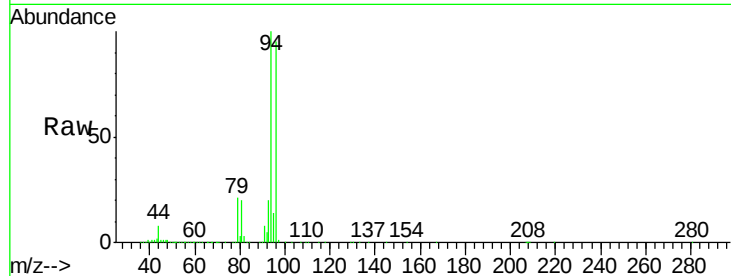
94 100

96 94.8 74.4 111.6

Manual Integrations
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#6

Chloroethane

Concen: 48.237 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063206.D

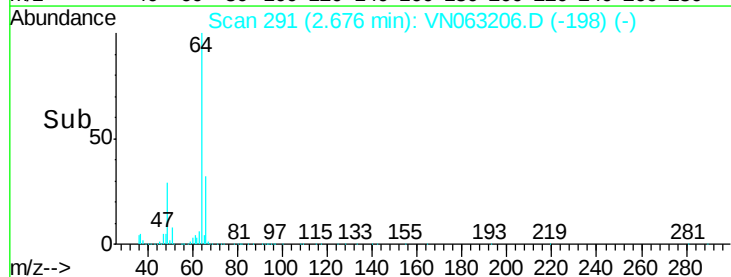
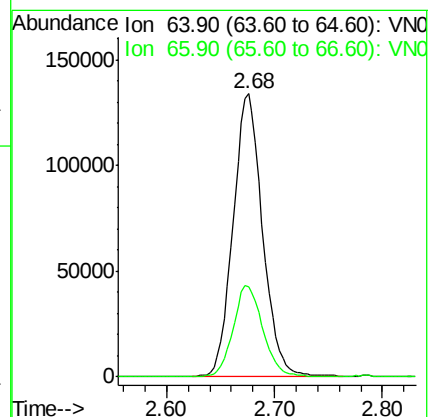
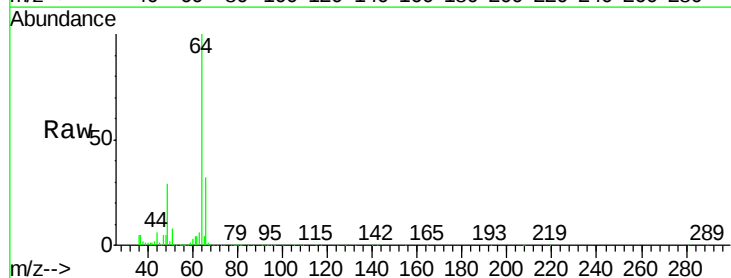
Acq: 2 Sep 2020 19:52

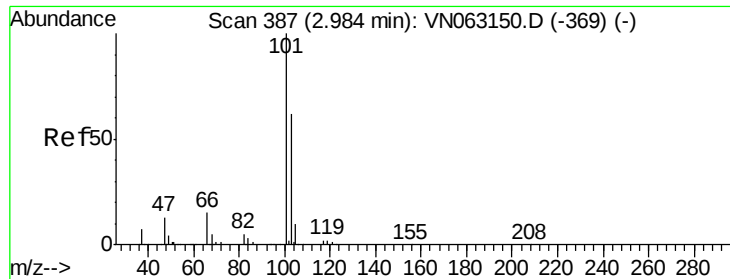
Tgt Ion: 64 Resp: 255462

Ion Ratio Lower Upper

64 100

66 31.8 24.7 37.1





#7

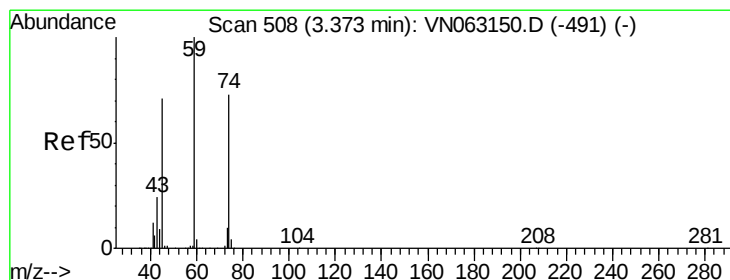
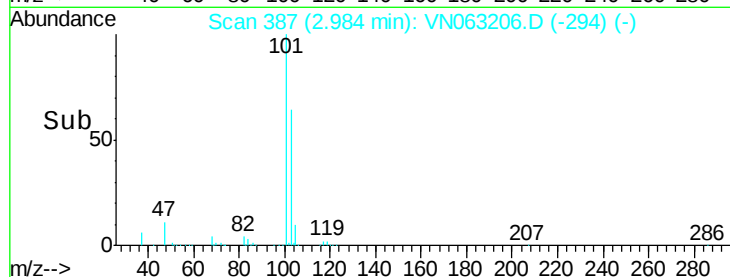
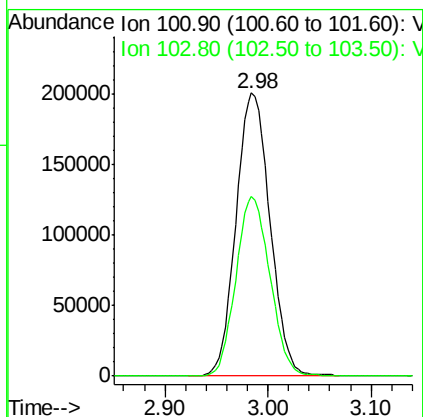
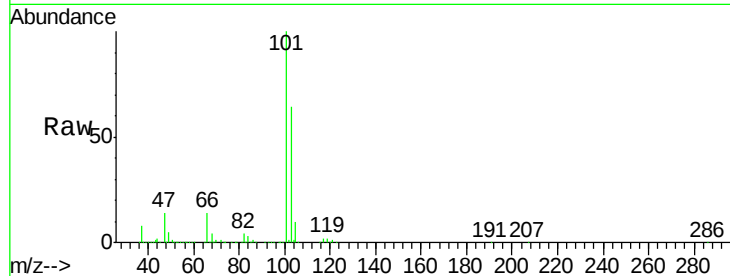
Trichlorofluoromethane
Concen: 50.154 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	49.7	74.5

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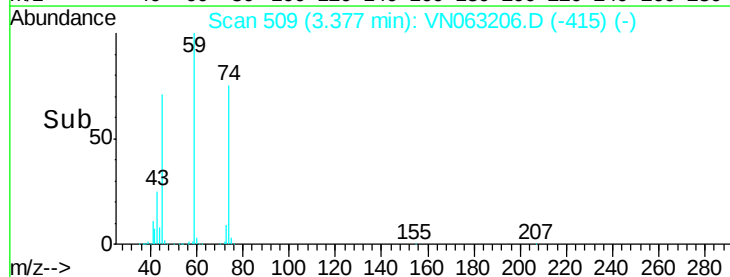
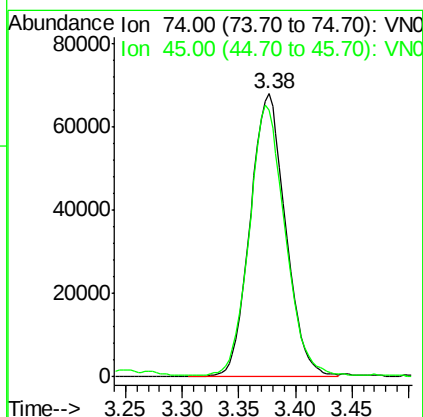
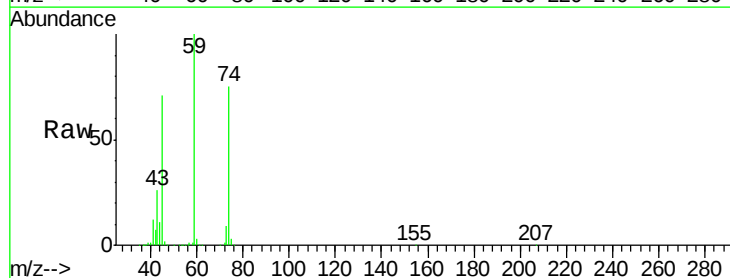
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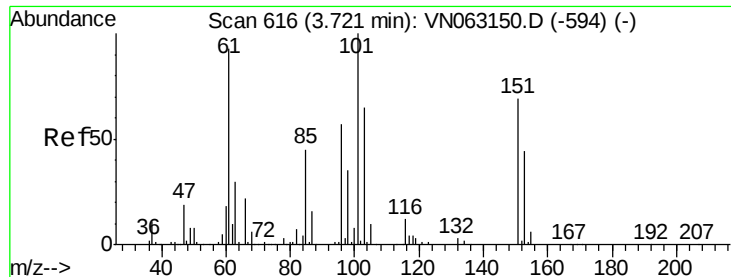


#8

Diethyl Ether
Concen: 46.449 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	49.5	148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.288 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

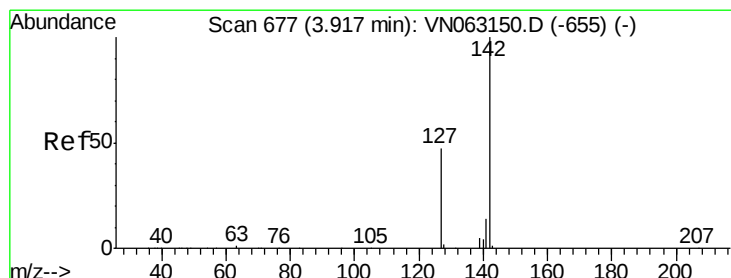
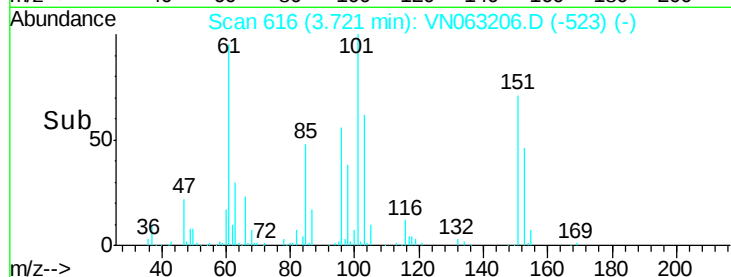
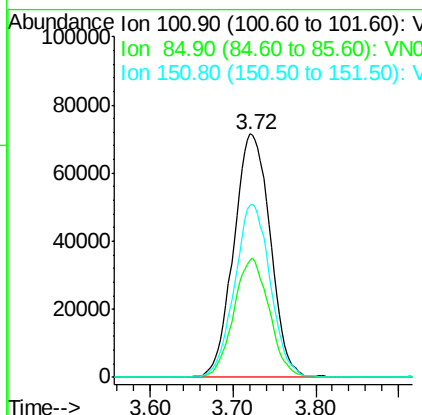
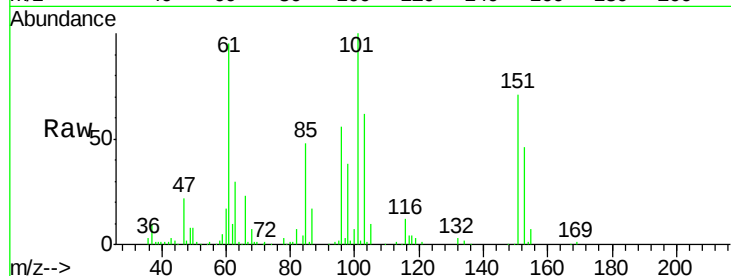
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	218620
Ion Ratio	Lower	Upper	
101	100		
85	47.6	37.8	56.8
151	69.5	55.0	82.4

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9/3/2020 9:29:17 AM



#10

Methyl Iodide

Concen: 47.270 ug/l

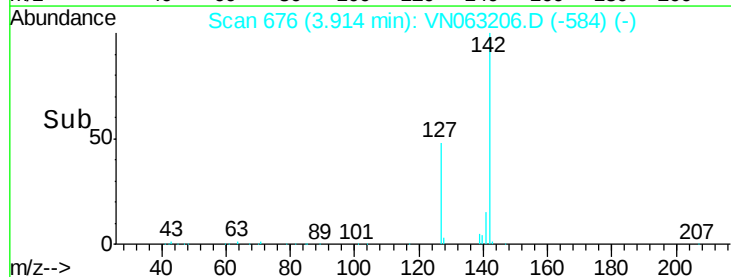
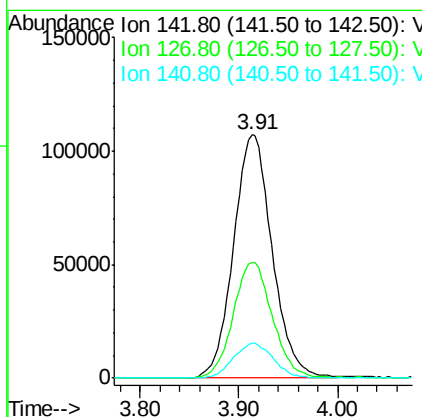
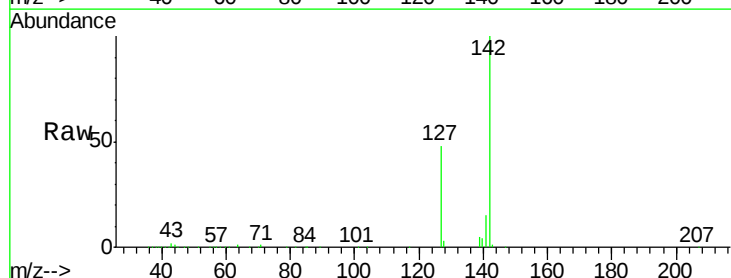
RT: 3.91 min Scan# 676

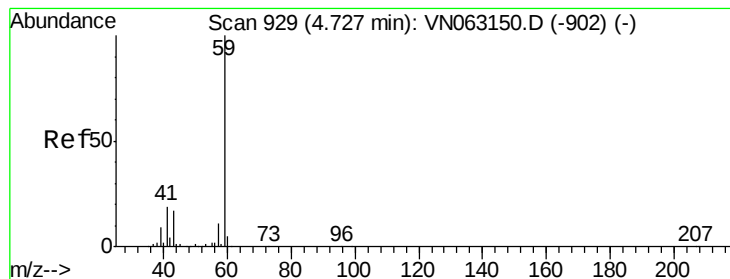
Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion:	142	Resp:	291882
Ion Ratio	Lower	Upper	
142	100		
127	48.2	37.6	56.4
141	15.0	11.3	16.9





#11

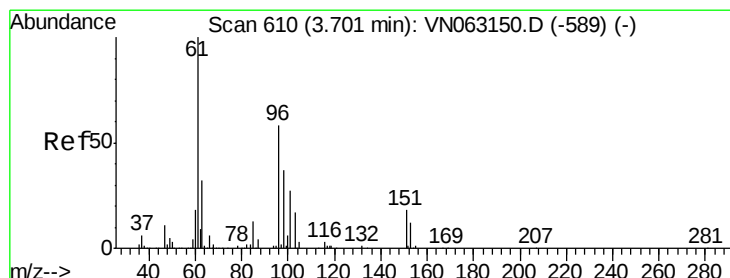
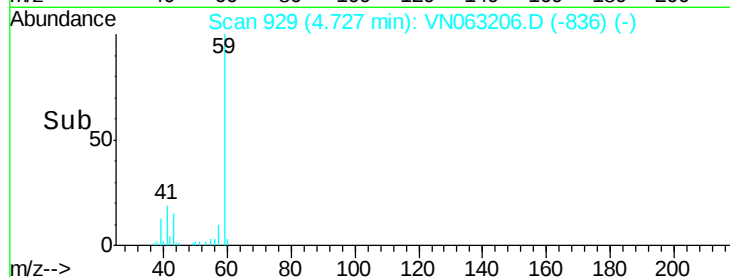
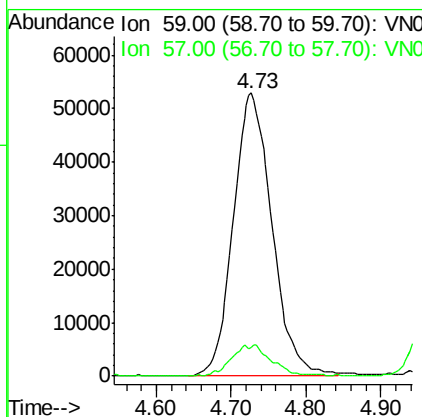
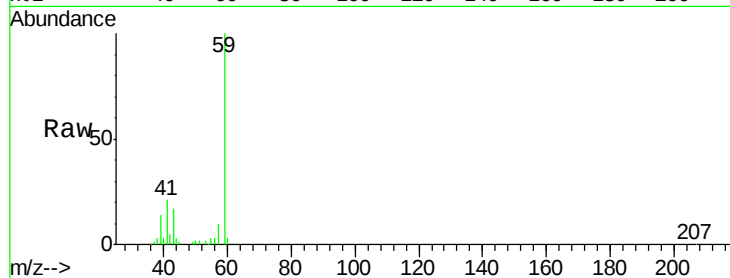
Tert butyl alcohol
 Concen: 225.365 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	190147		
57	5.3	8.4	12.6	

Manual Integrations
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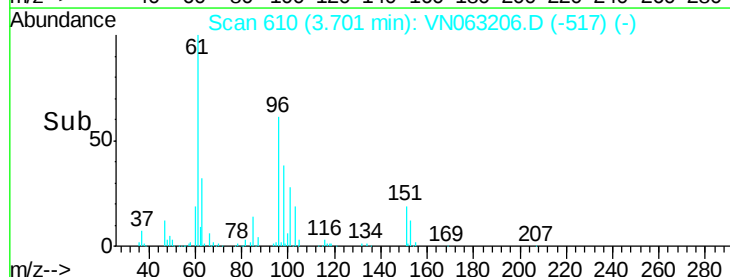
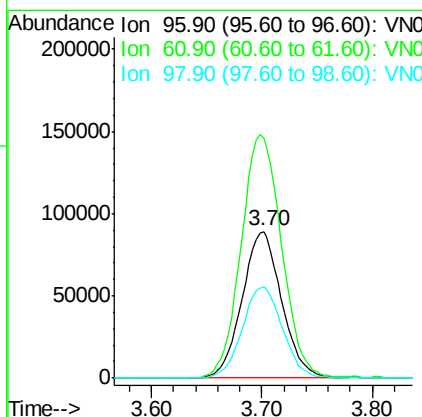
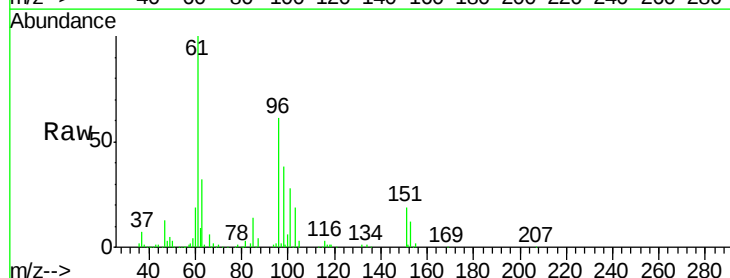
MMDadoda
 9/3/2020 9:29:17 AM

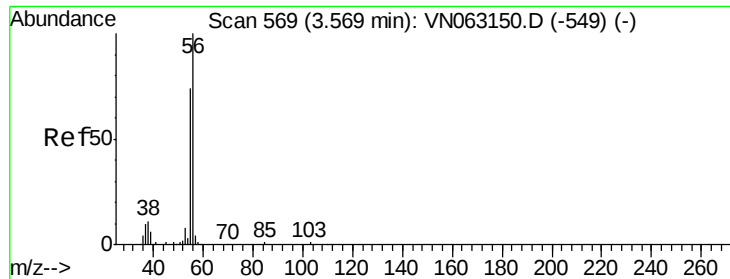


#12

1,1-Dichloroethene
 Concen: 47.858 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	220780		
61	163.7	137.4	206.2	
98	62.2	50.5	75.7	





#13

Acrolein

Concen: 299.469 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 97266

Ion Ratio Lower Upper

56 100

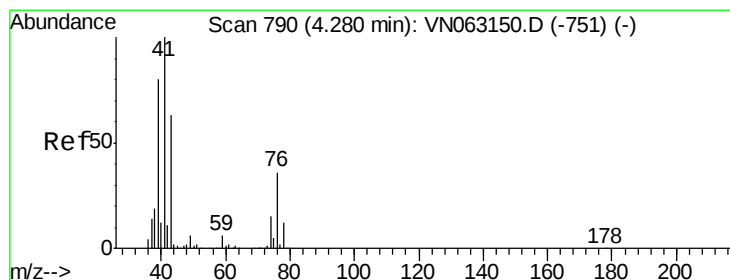
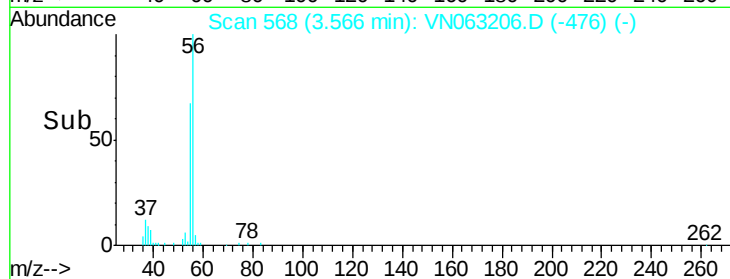
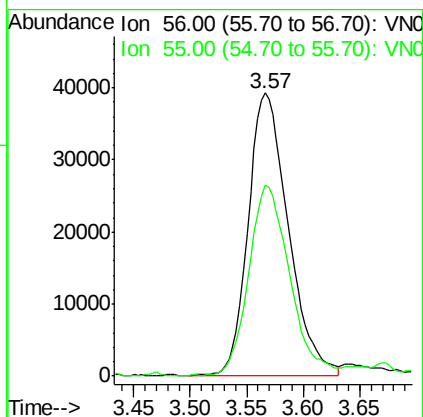
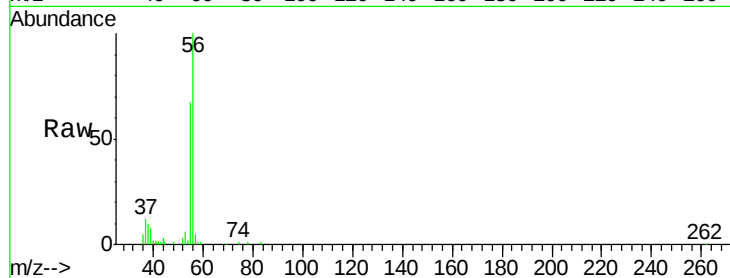
55 68.5 55.4 83.0

Manual Integrations

APPROVED

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9/3/2020 9:29:17 AM



#14

Allyl chloride

Concen: 46.600 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

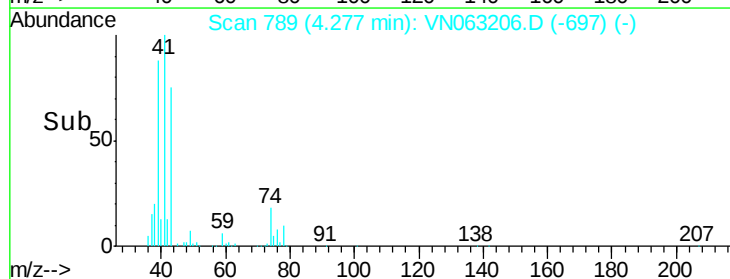
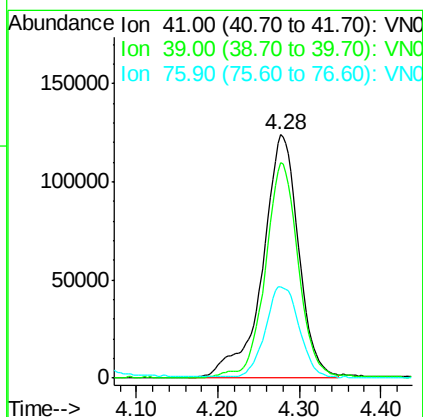
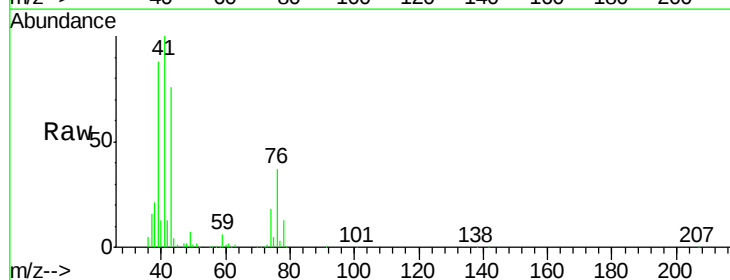
Tgt Ion: 41 Resp: 381808

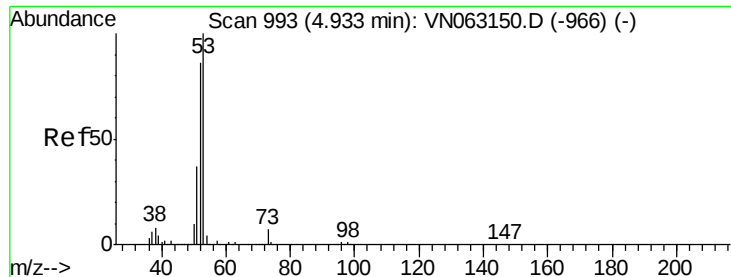
Ion Ratio Lower Upper

41 100

39 81.5 60.2 90.2

76 34.7 27.7 41.5





#15

Acrylonitrile

Concen: 244.968 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

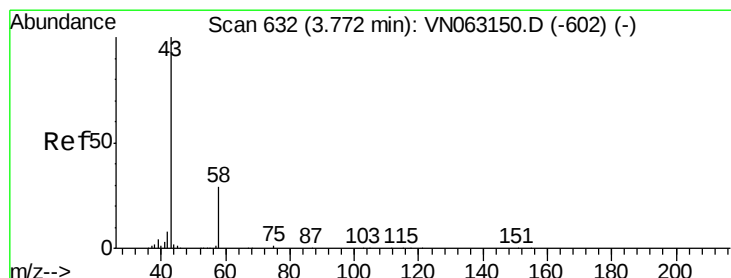
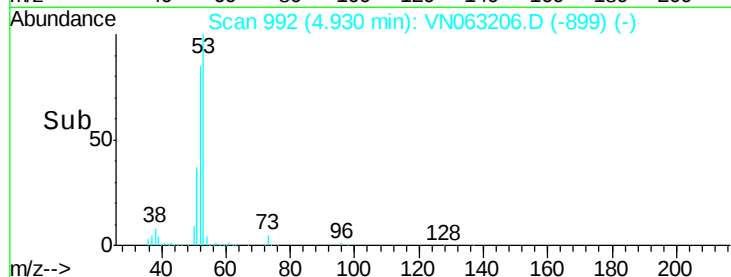
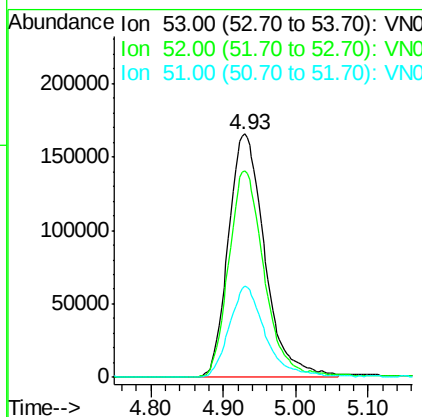
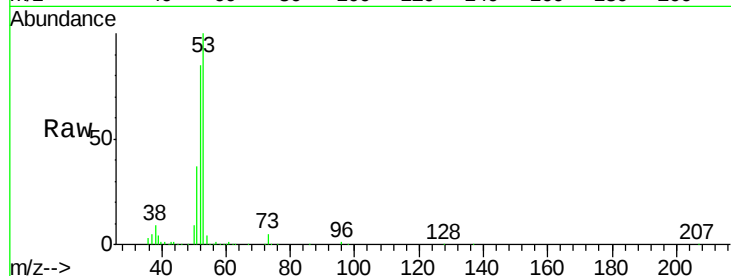
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	578838
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.2	100.8
51	37.2	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 248.586 ug/l

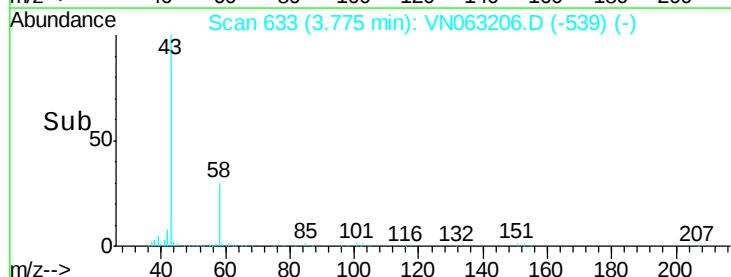
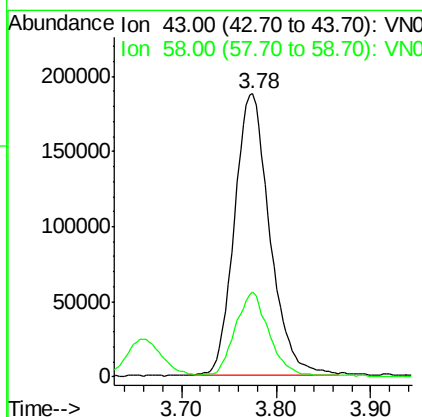
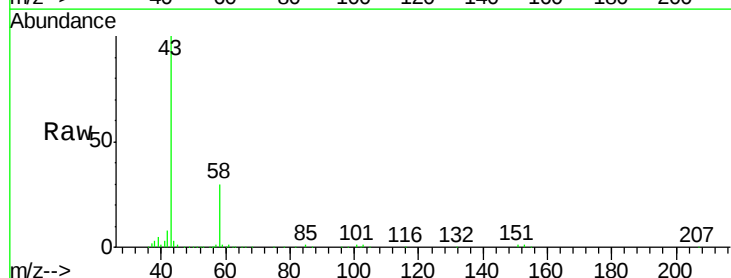
RT: 3.78 min Scan# 633

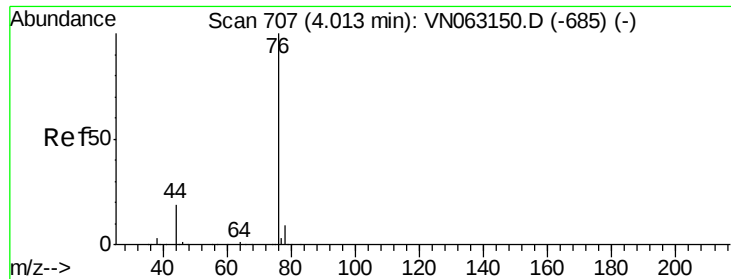
Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion:	43	Resp:	485727
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.1	34.7





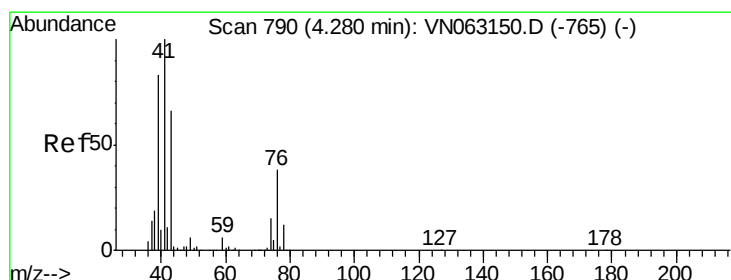
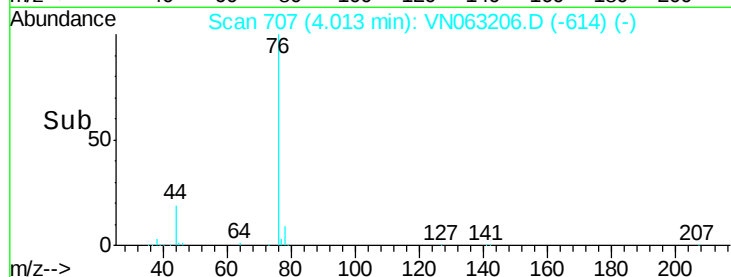
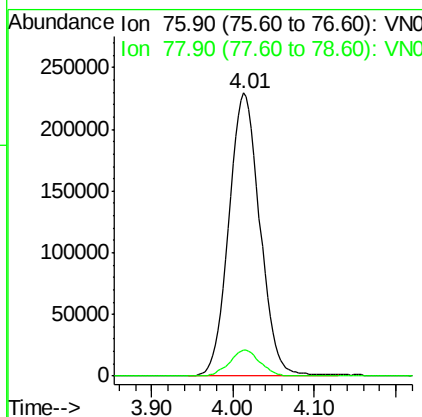
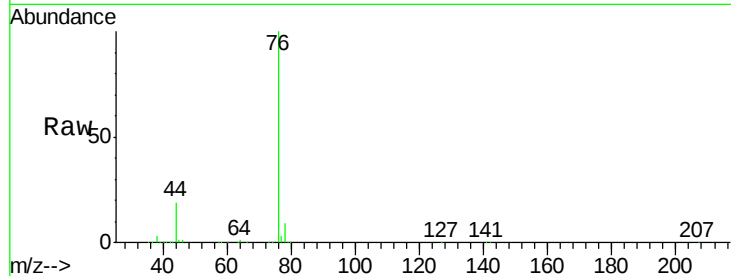
#17
Carbon Disulfide
Concen: 44.598 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

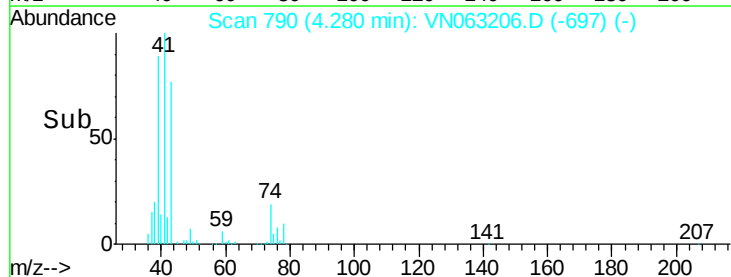
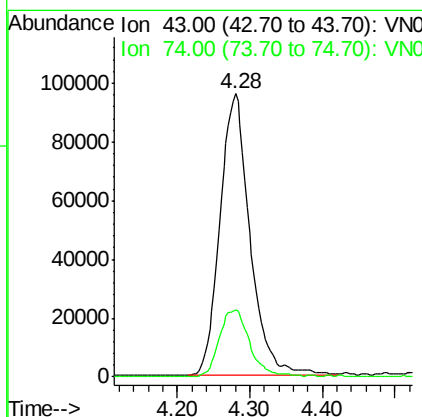
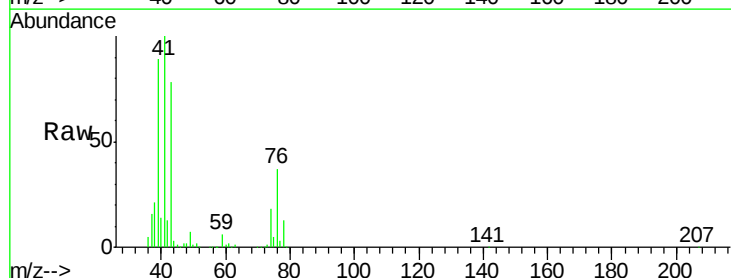
Manual Integrations
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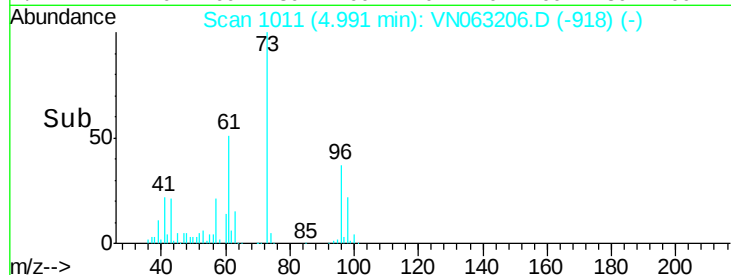
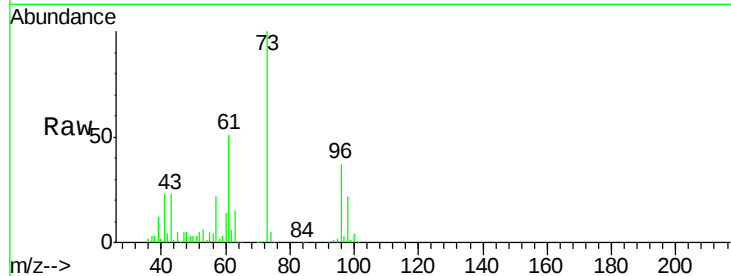
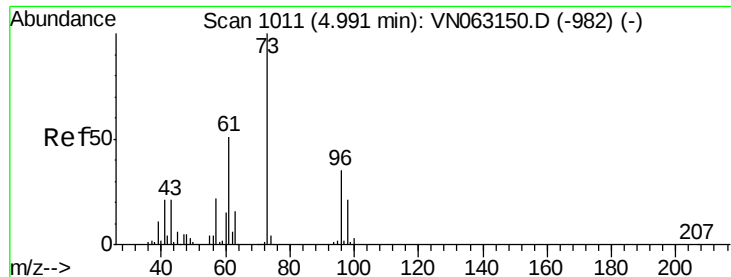
MMDadoda
9/3/2020 9:29:17 AM



#18
Methyl Acetate
Concen: 55.366 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.0	28.6





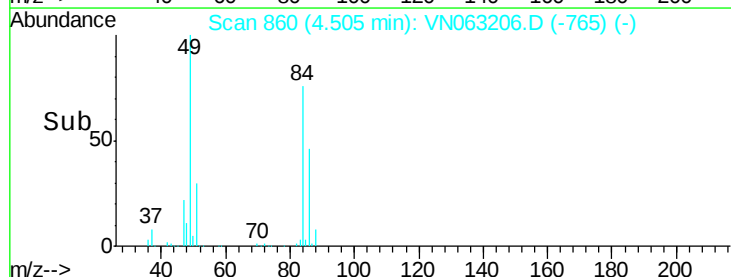
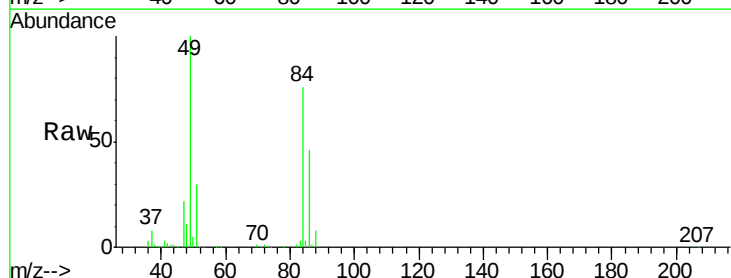
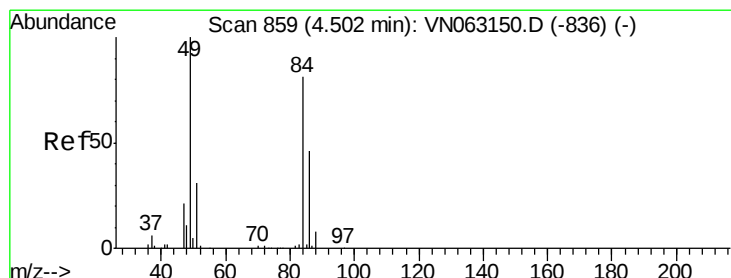
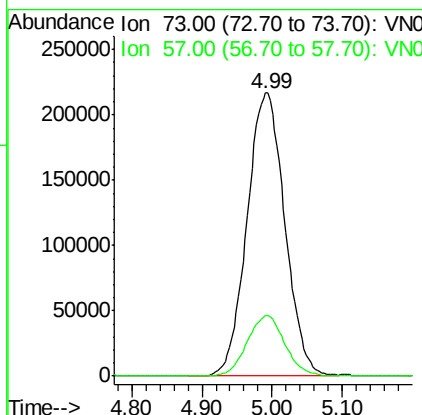
#19
Methvl tert-butvl Ether
Concen: 47.344 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tot Ion	73	Resp	810232
Ion Ratio	100	Lower	Upper
73	100		
57	21.6	17.6	26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

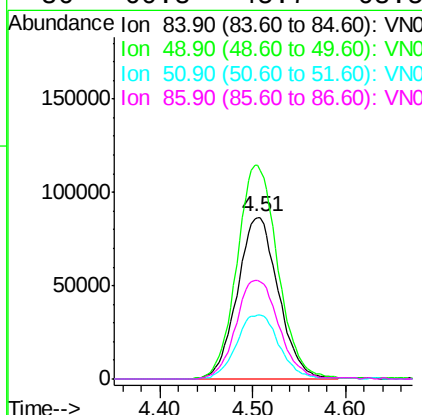
Manual Integrations
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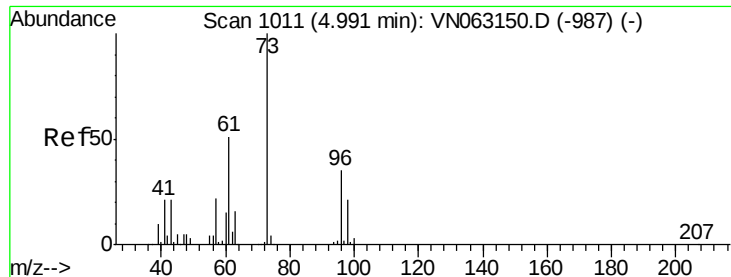
MMDadoda
9/3/2020 9:29:17 AM



#20
Methylene Chloride
Concen: 48.497 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	84	Resp	266536
Ion Ratio	100	Lower	Upper
84	100		
49	132.3	98.4	147.6
51	39.8	30.4	45.6
86	60.8	45.7	68.5





#21

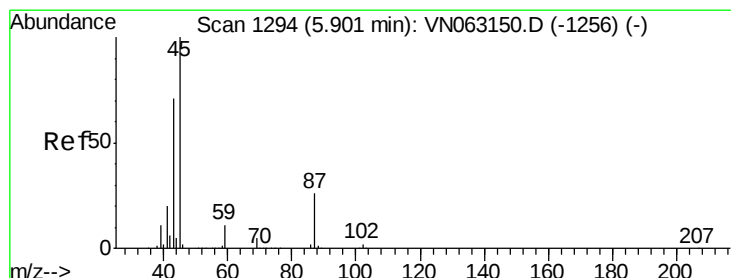
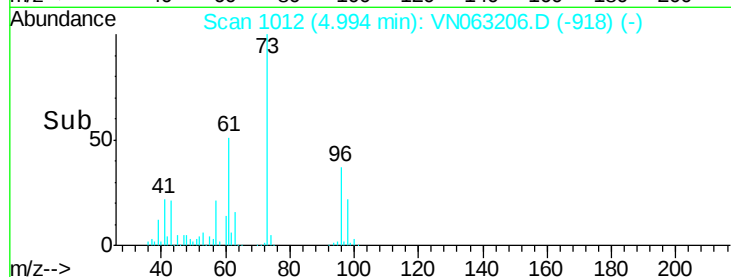
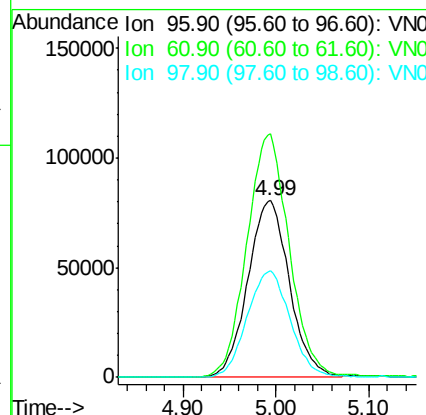
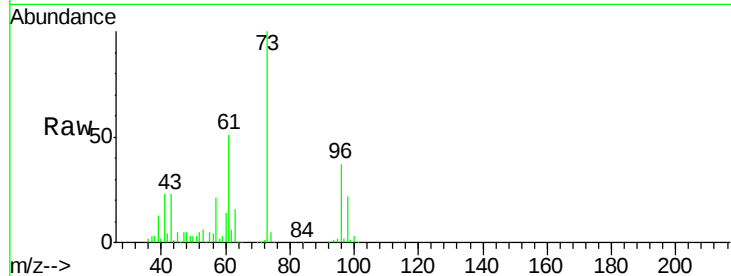
trans-1,2-Dichloroethene
Concen: 49.515 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.9	116.2	174.4
98	60.2	48.0	72.0

Manual Integrations
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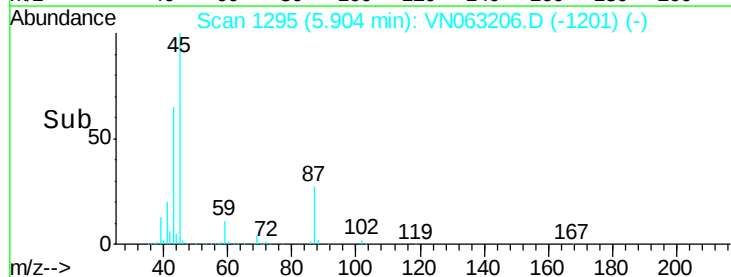
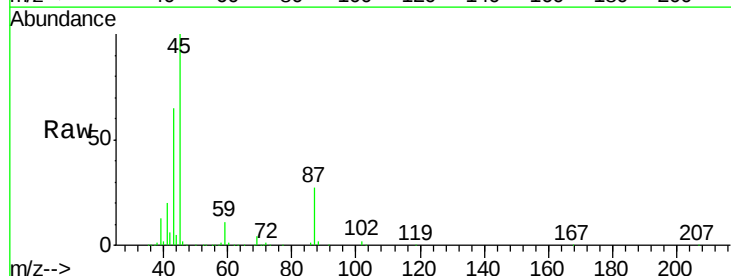
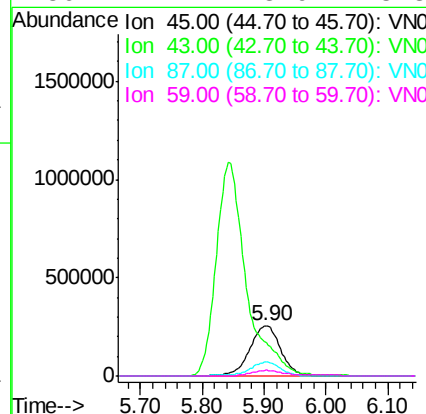
MMDadoda
9/3/2020 9:29:17 AM

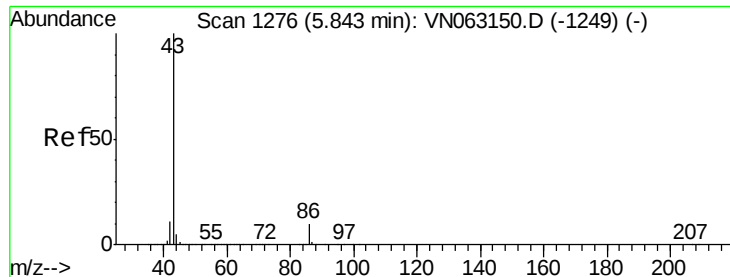


#22

Diisopropyl ether
Concen: 48.490 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.2	56.8	85.2
87	27.3	21.1	31.7
59	11.2	8.9	13.3





#23

Vinyl Acetate

Concen: 249.657 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3657480

Ion Ratio Lower Upper

43 100

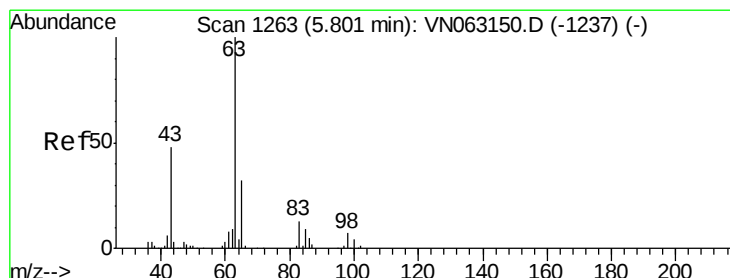
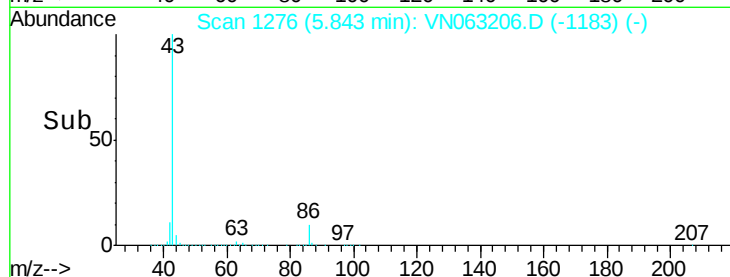
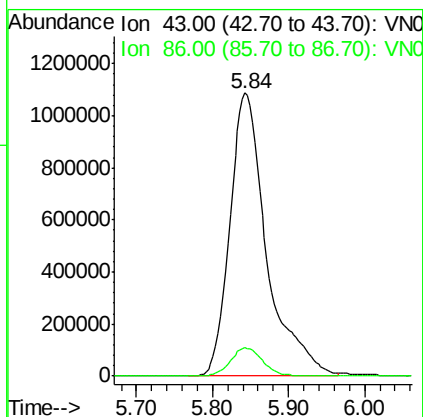
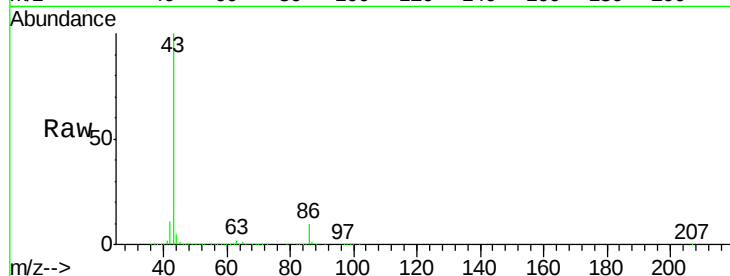
86 10.1 8.3 12.5

Manual Integrations

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MMDadoda

9/3/2020 9:29:17 AM



#24

1,1-Dichloroethane

Concen: 47.169 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

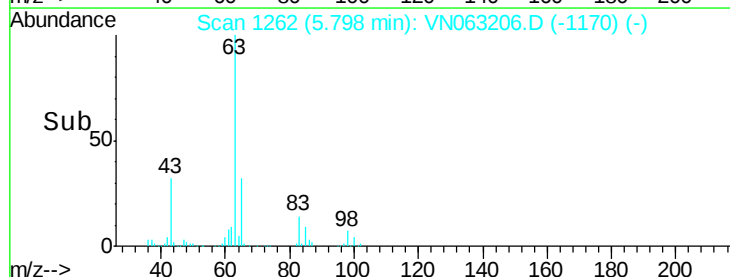
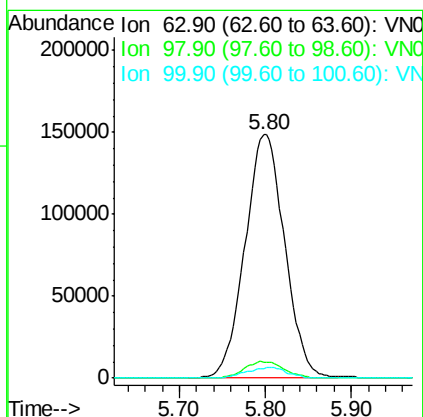
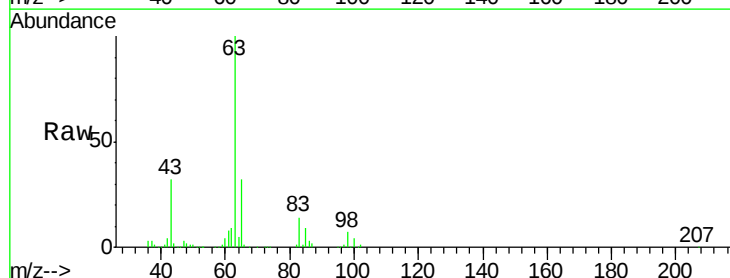
Tgt Ion: 63 Resp: 477435

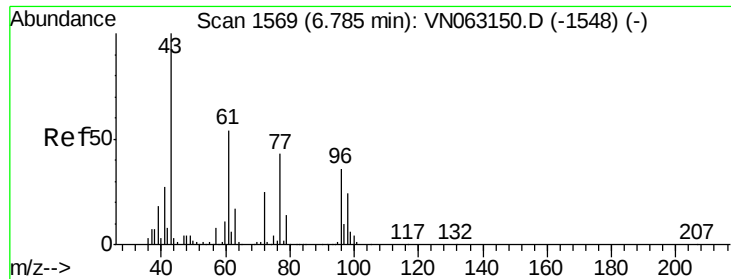
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 3.9 2.3 6.8





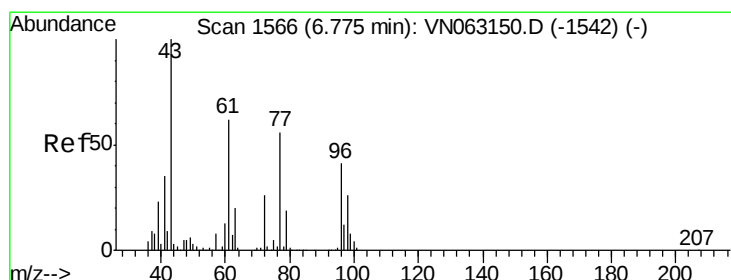
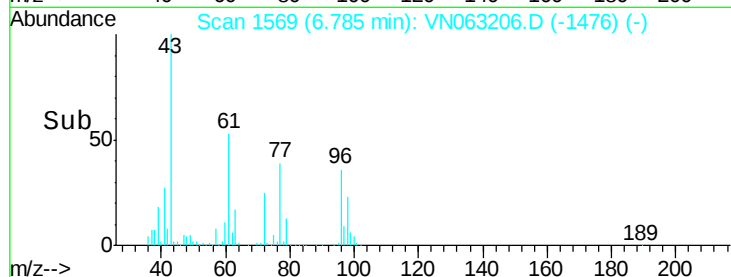
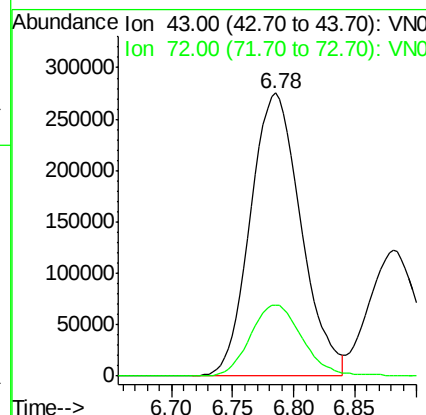
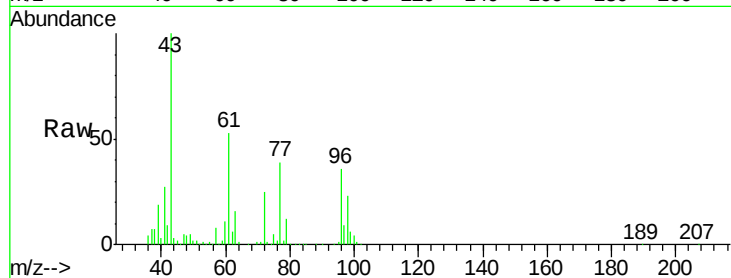
#25
2-Butanone
Concen: 260.641 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 788574
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4

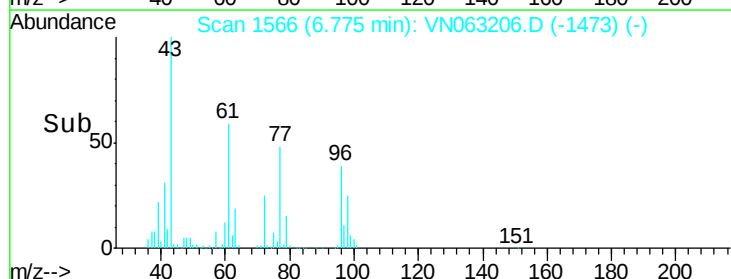
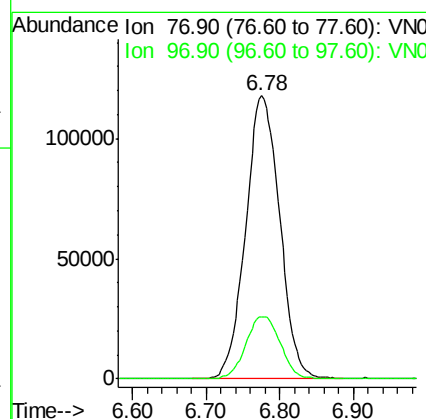
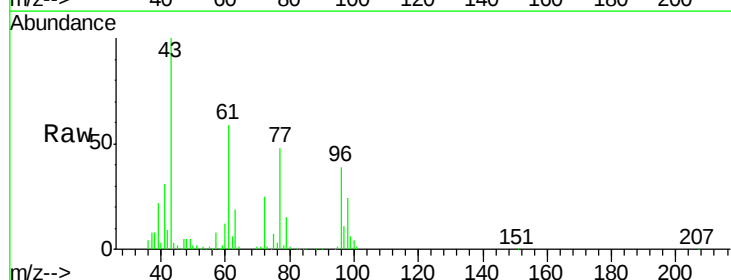
Manual Integrations
APPROVED

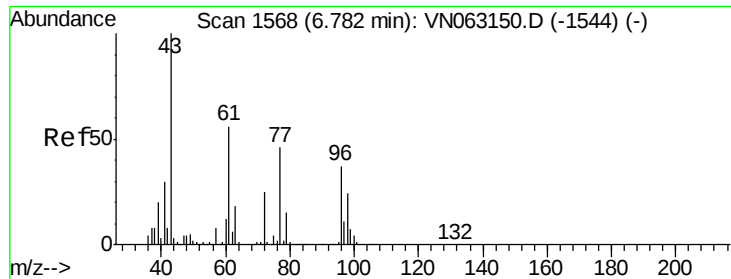
MMDadoda
9/3/2020 9:29:17 AM



#26
2,2-Dichloropropane
Concen: 41.347 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 77 Resp: 379177
Ion Ratio Lower Upper
77 100
97 22.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 47.476 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

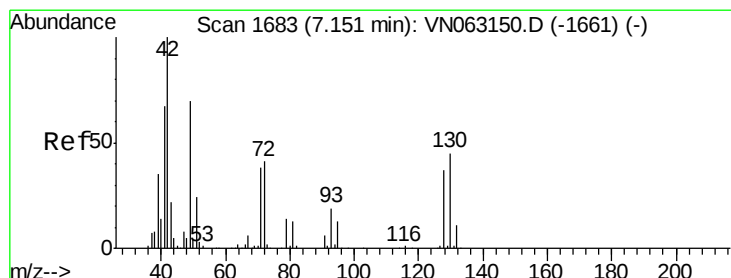
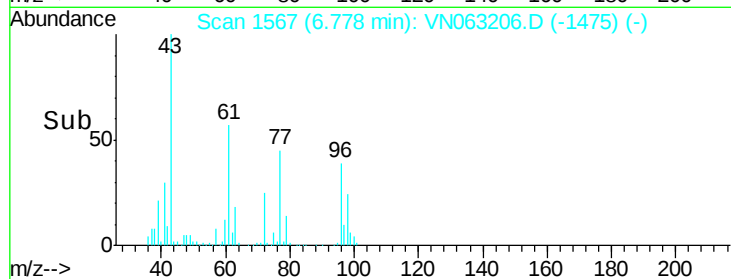
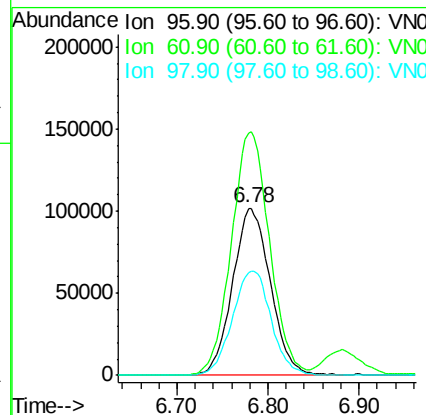
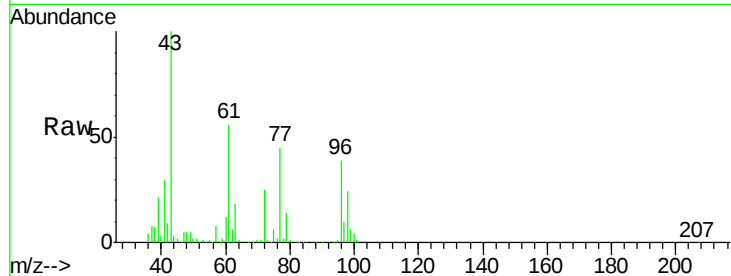
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	294118
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	303.2
98	63.8	0.0	129.0

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#28

Bromochloromethane

Concen: 42.717 ug/l

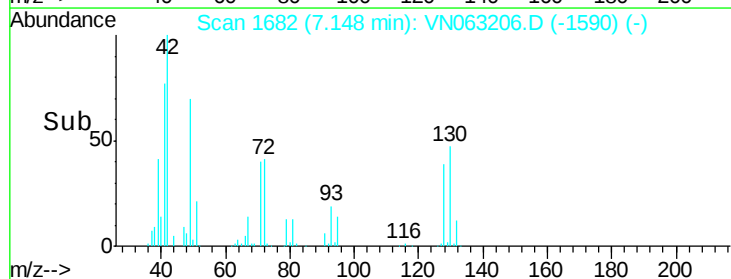
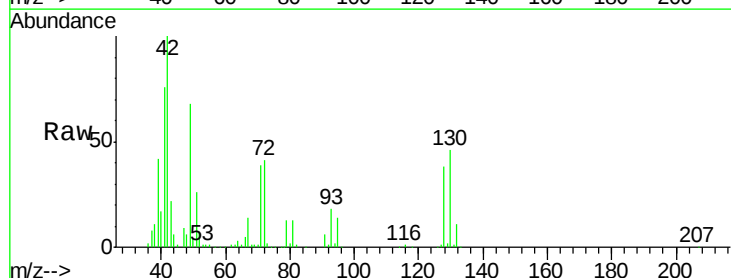
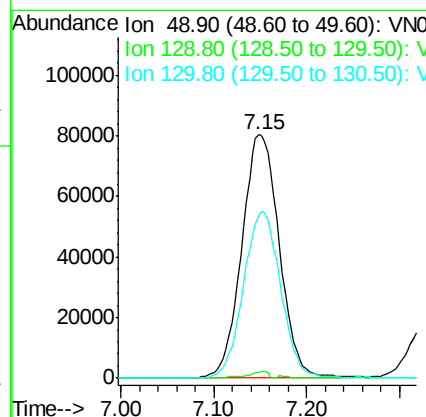
RT: 7.15 min Scan# 1682

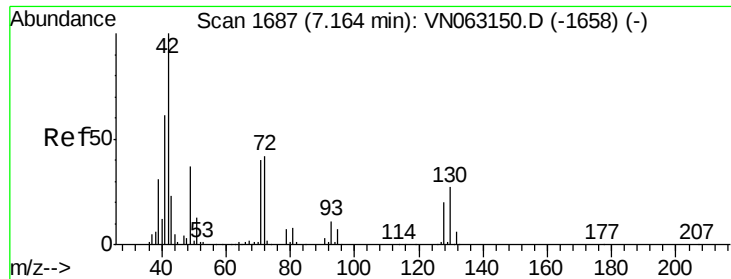
Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion:	49	Resp:	225892
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	67.7	54.4	81.6





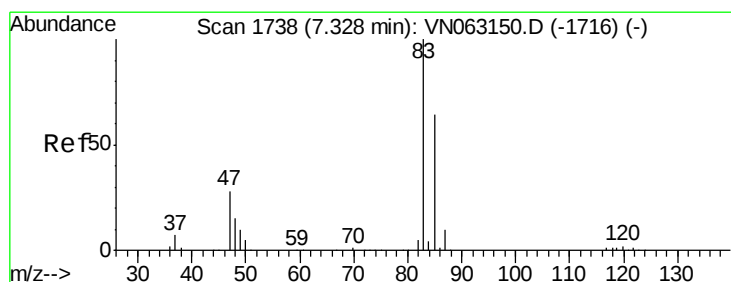
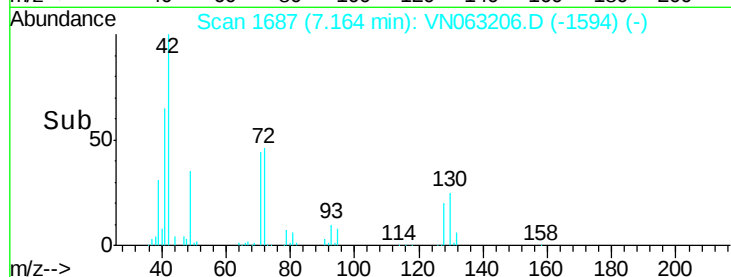
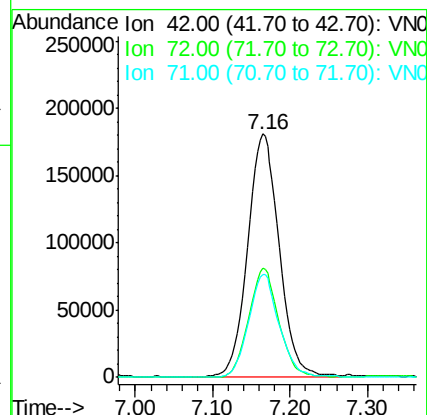
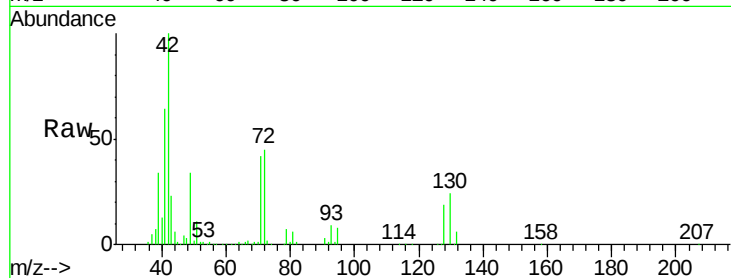
#29
Tetrahydrofuran
Concen: 245.810 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	33.9	50.9
71	40.9	31.9	47.9

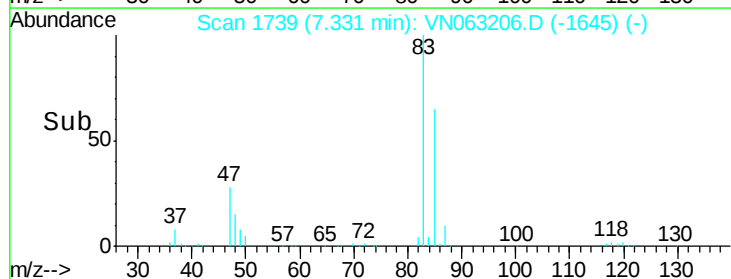
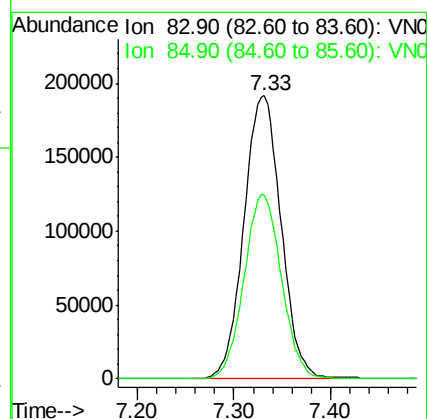
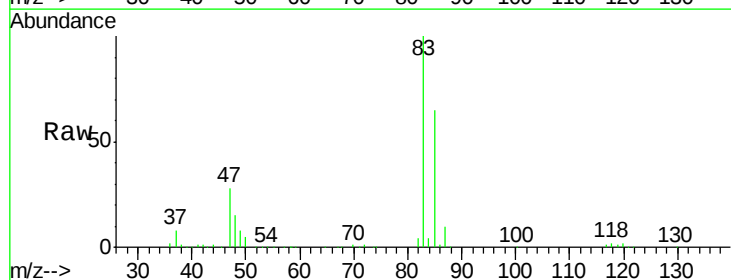
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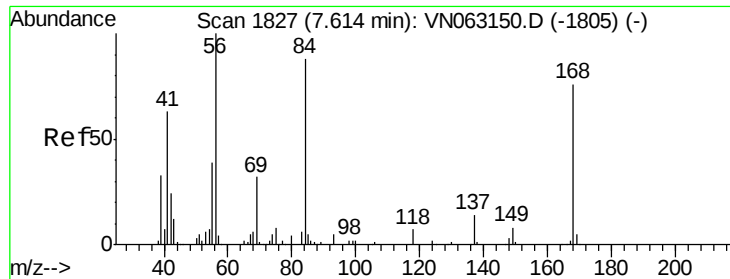
MMDadoda
9/3/2020 9:29:17 AM



#30
Chloroform
Concen: 48.306 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.6





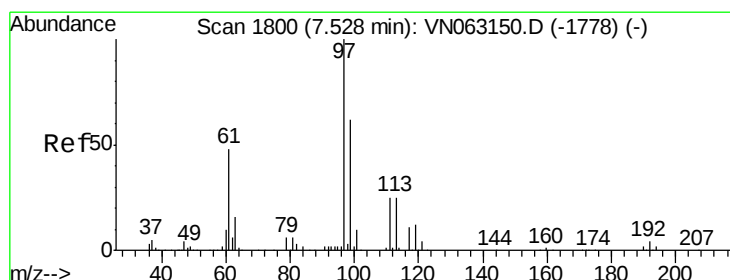
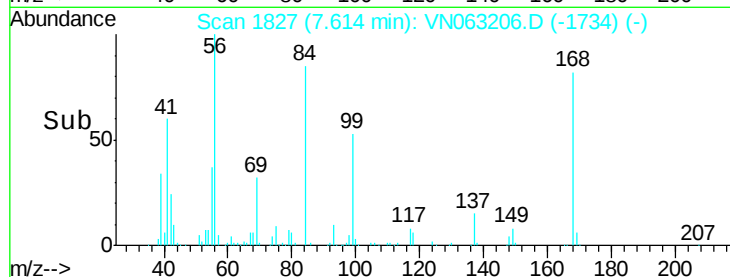
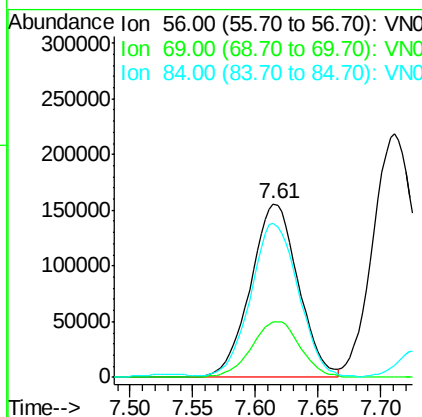
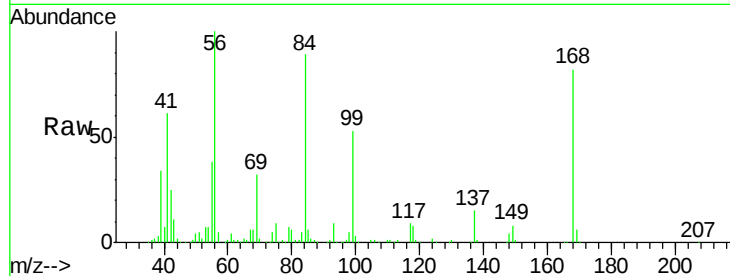
#31
Cvclohexane
Concen: 45.935 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.4	38.0
84	87.6	70.2	105.4

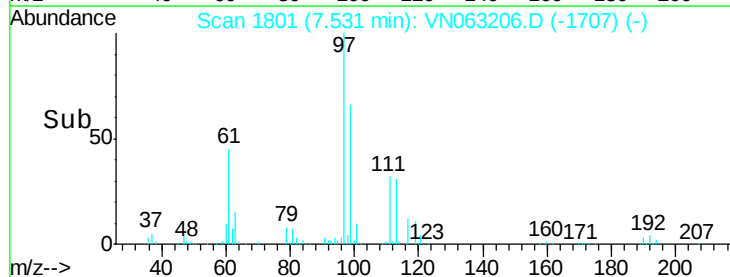
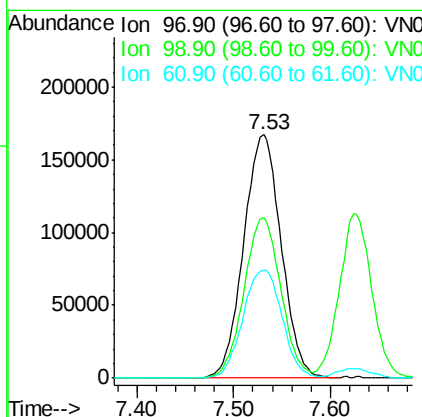
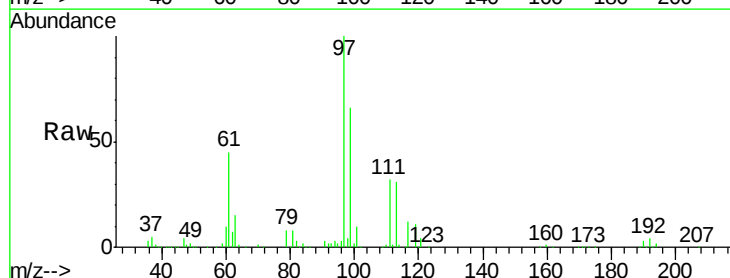
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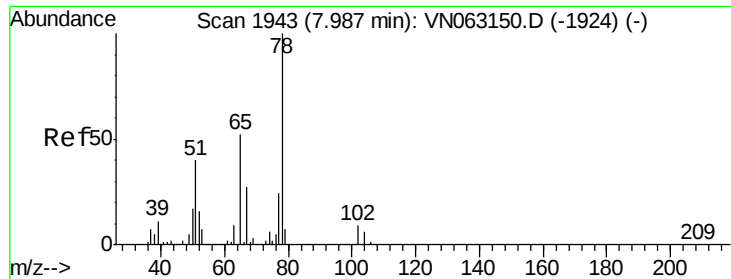
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#32
1,1,1-Trichloroethane
Concen: 49.486 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.8	76.2
61	46.3	37.4	56.2





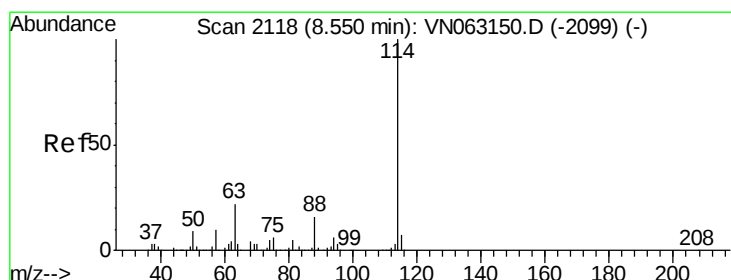
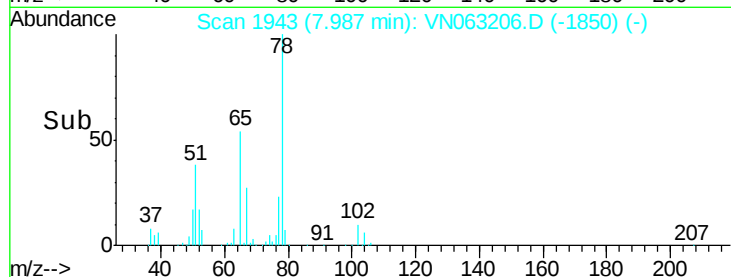
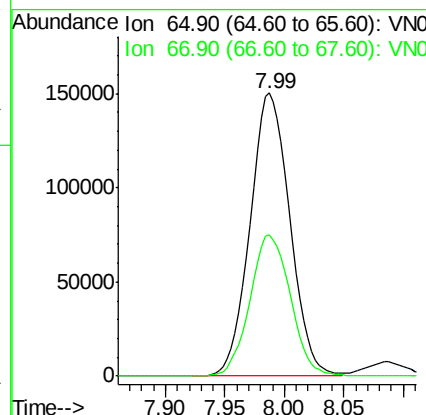
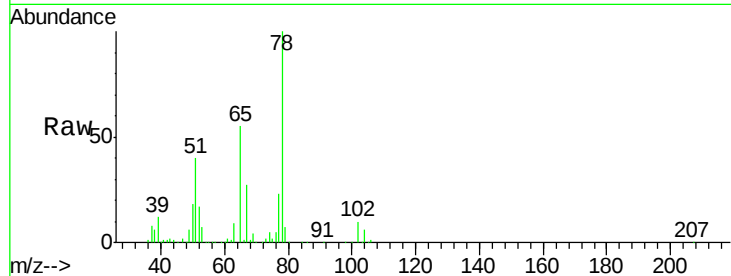
#33
 1,2-Dichloroethane-d4
 Concen: 50.676 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	348325		
67	50.7	0.0	104.4	

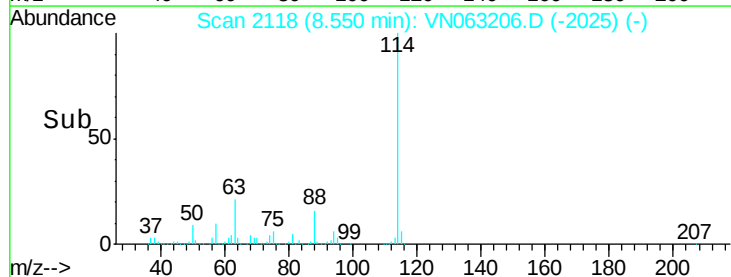
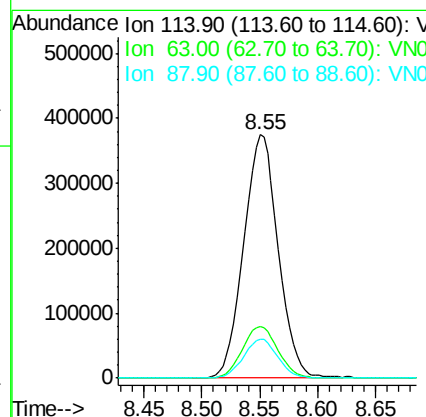
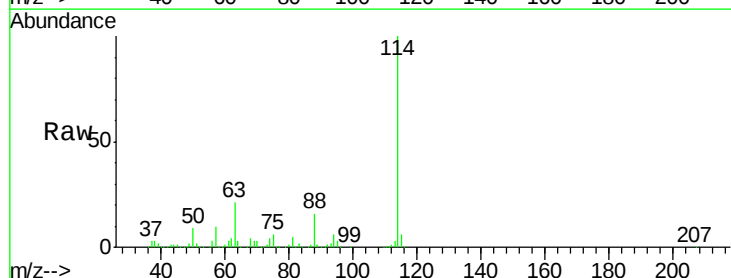
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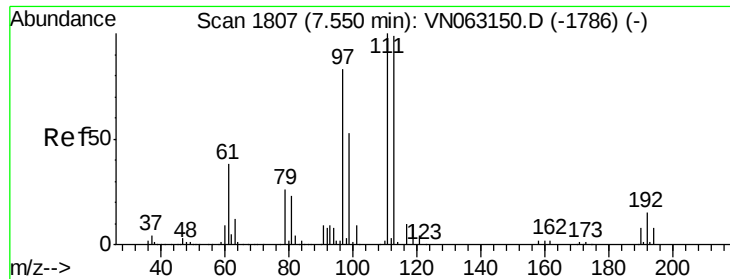
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	775037		
63	21.3	0.0	43.0	
88	15.9	0.0	31.6	





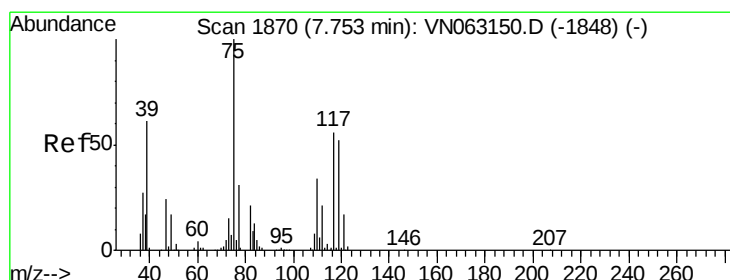
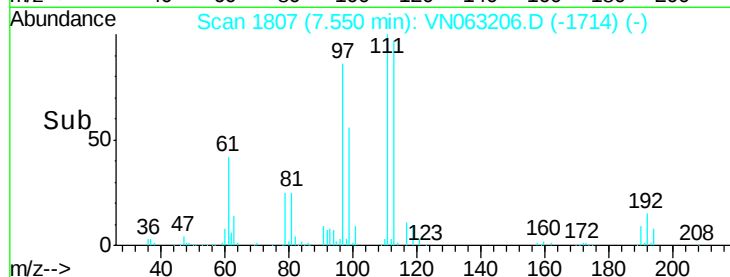
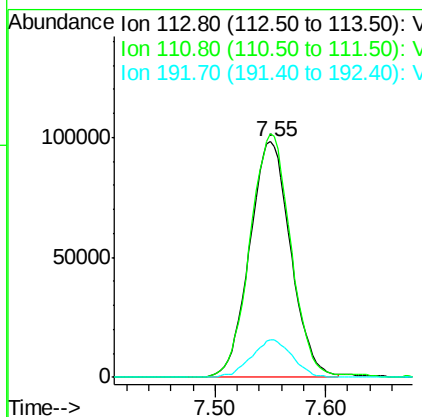
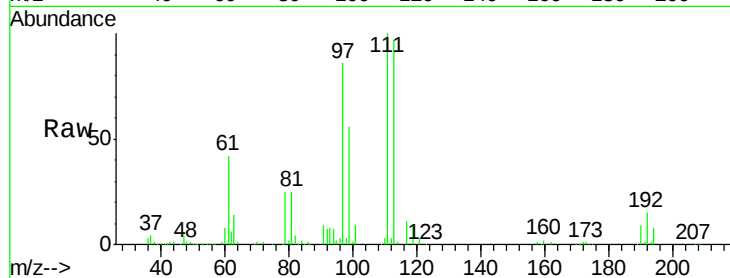
#35
 Dibromofluoromethane
 Concen: 51.079 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	253978		
111	103.0	80.7	121.1	
192	15.9	12.6	19.0	

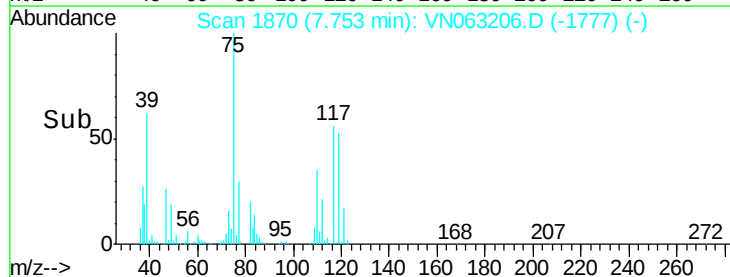
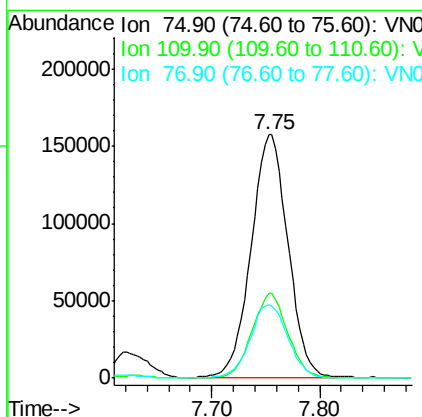
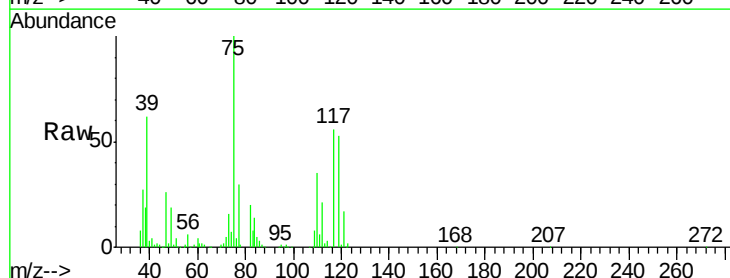
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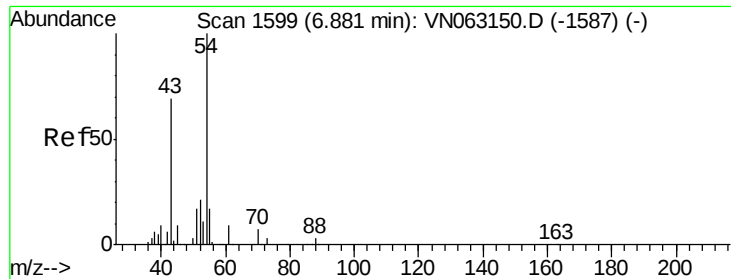
MMDadoda
 9/3/2020 9:29:17 AM



#36
 1,1-Dichloropropene
 Concen: 49.876 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	371614		
110	34.2	16.6	49.8	
77	31.3	25.4	38.2	





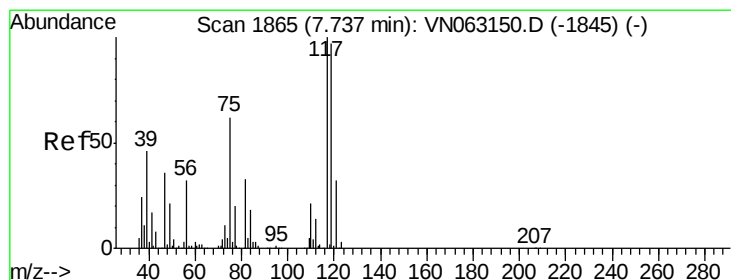
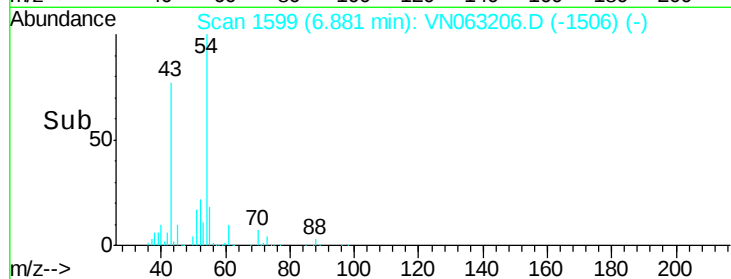
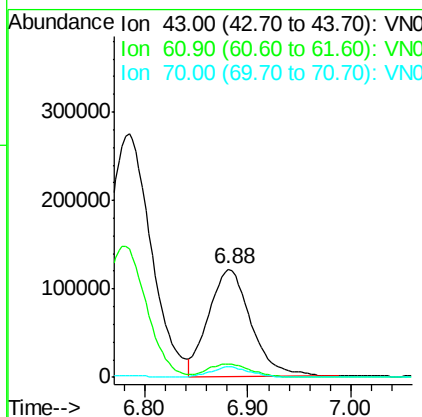
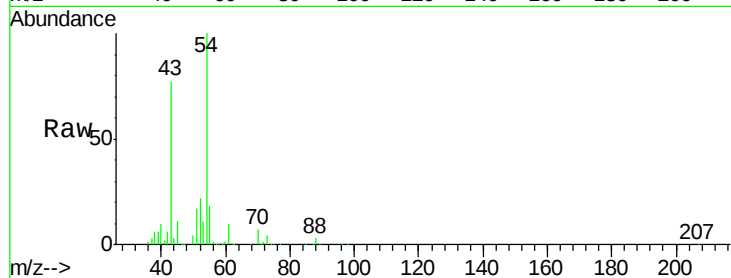
#37
Ethyl Acetate
Concen: 49.038 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	12.0	10.2	15.4	
70	9.4	3.0	4.6	

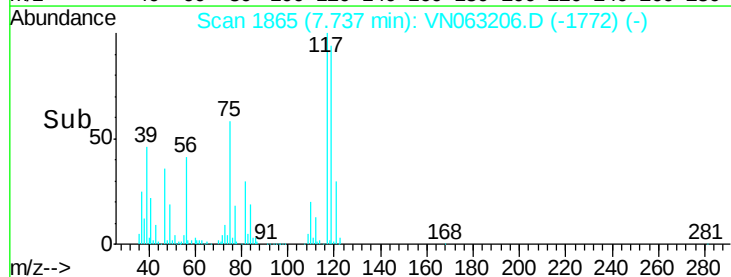
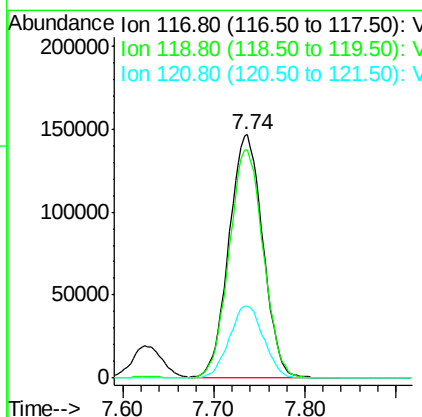
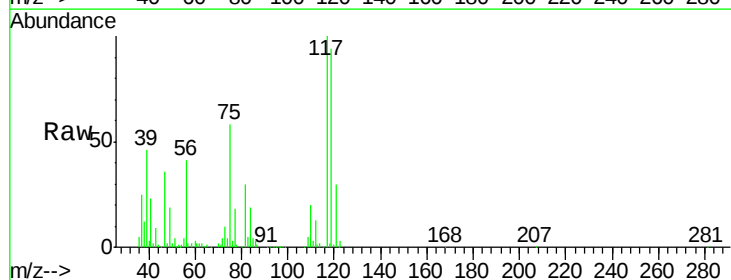
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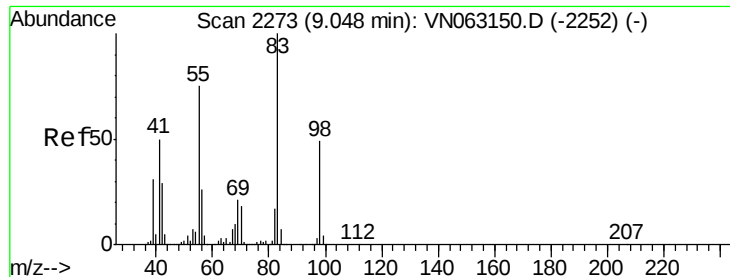
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#38
Carbon Tetrachloride
Concen: 50.077 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	77.2	115.8	
121	29.6	25.6	38.4	





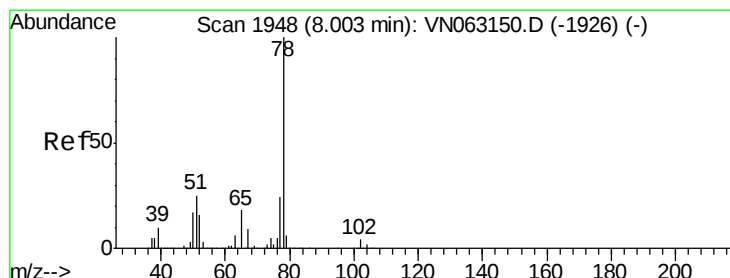
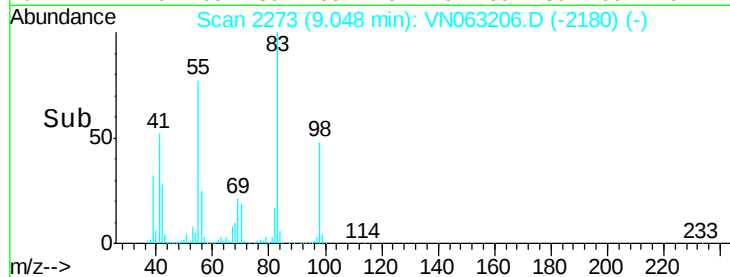
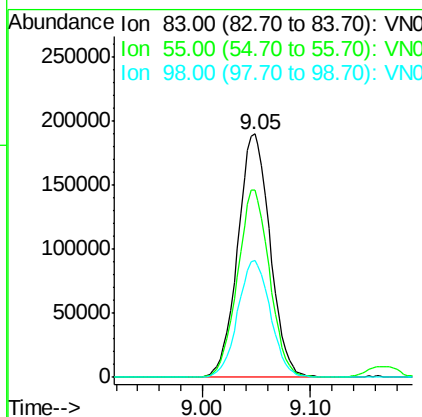
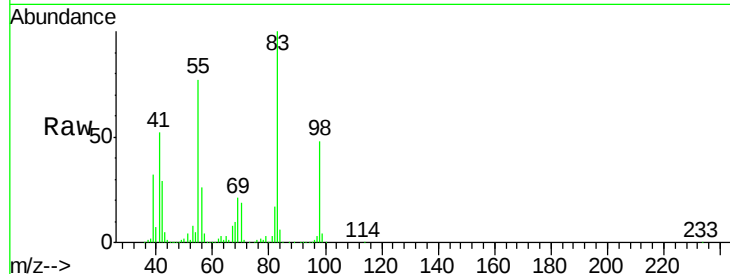
#39
Methylvlcyclohexane
Concen: 47.482 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.3	90.5
98	47.9	38.9	58.3

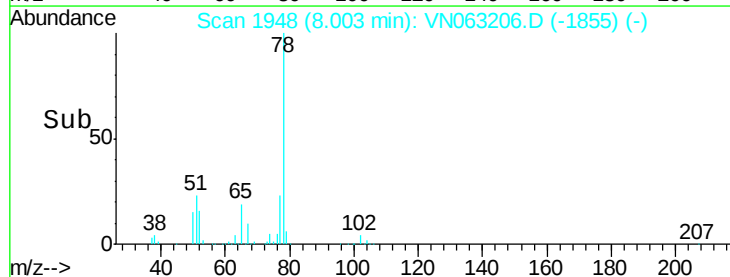
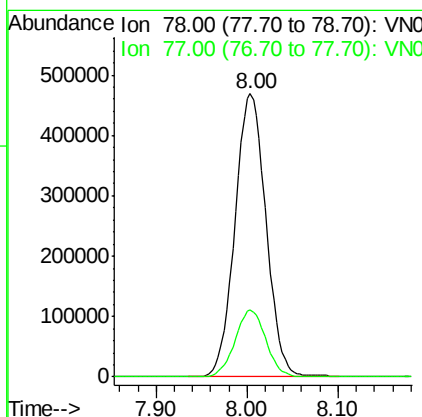
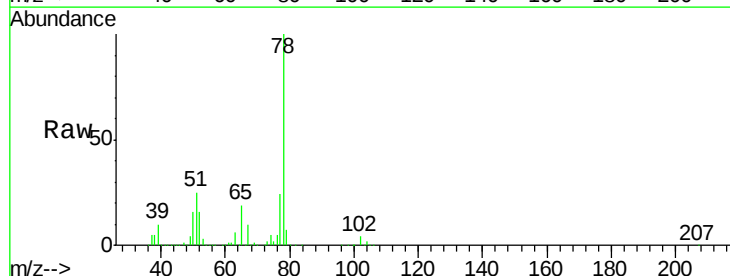
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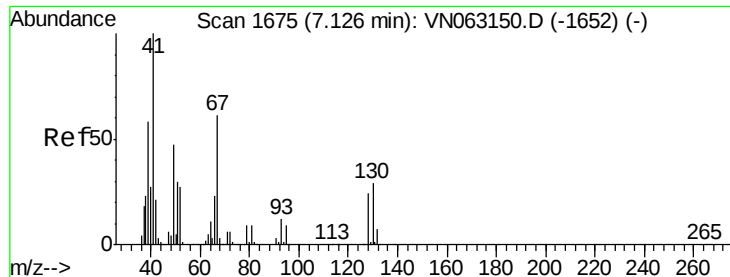
MMDadoda
9/3/2020 9:29:17 AM



#40
Benzene
Concen: 50.809 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





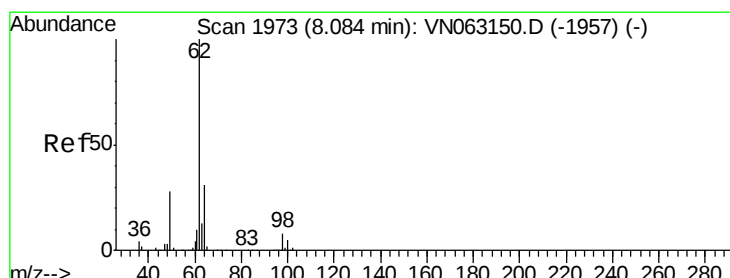
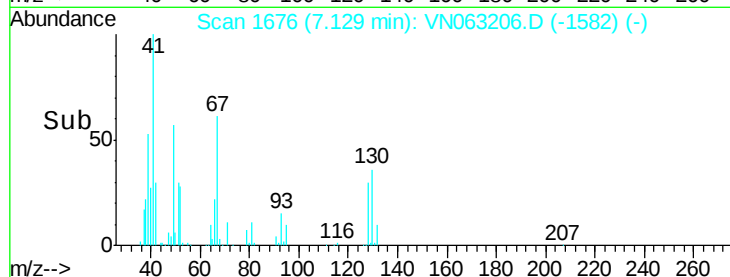
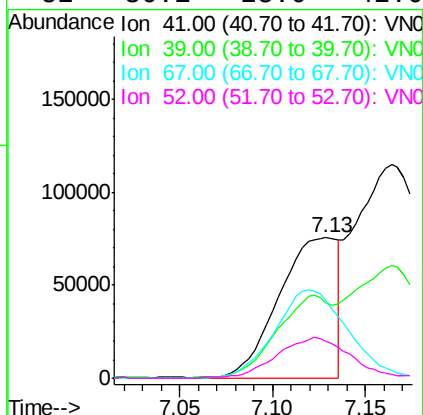
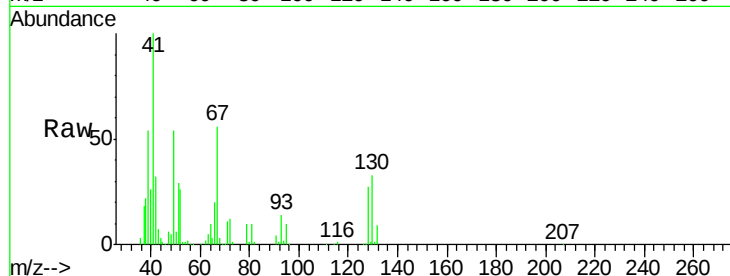
#41
Methacrylonitrile
Concen: 52.956 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	166220
Ion Ratio	Lower	Upper	
41	100		
39	53.6	46.6	70.0
67	78.8	62.6	94.0
52	36.1	28.0	42.0

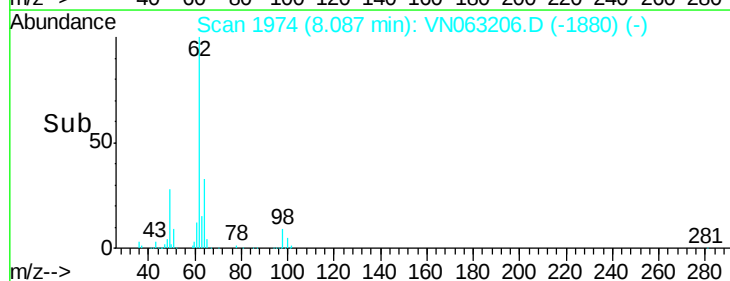
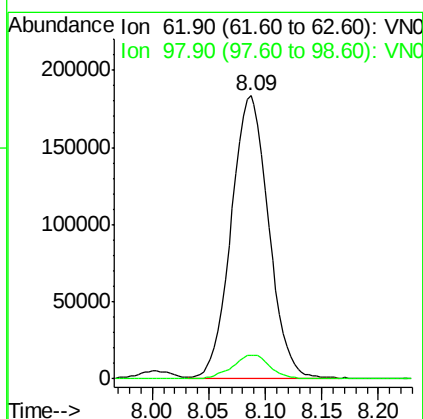
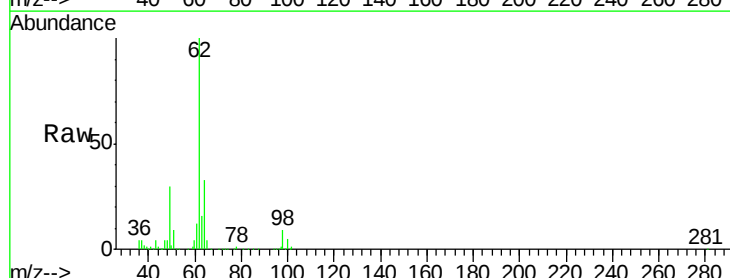
Manual Integrations
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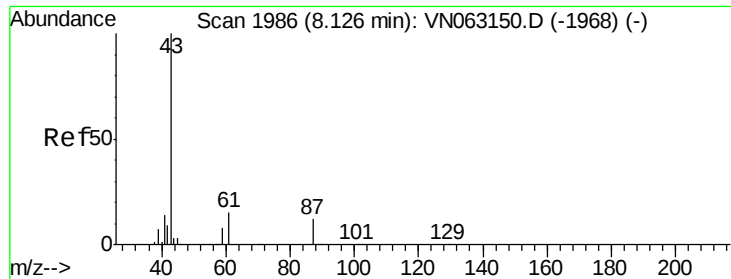
MMDadoda
9/3/2020 9:29:17 AM



#42
1,2-Dichloroethane
Concen: 51.339 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	62	Resp	419891
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	17.2





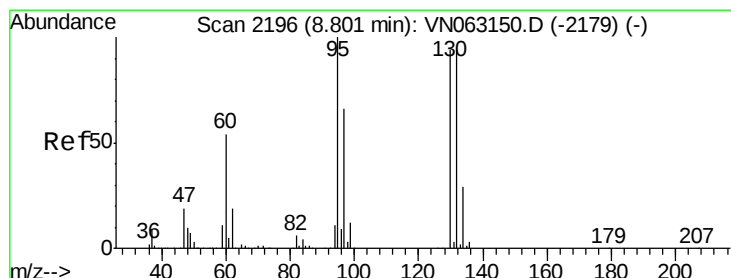
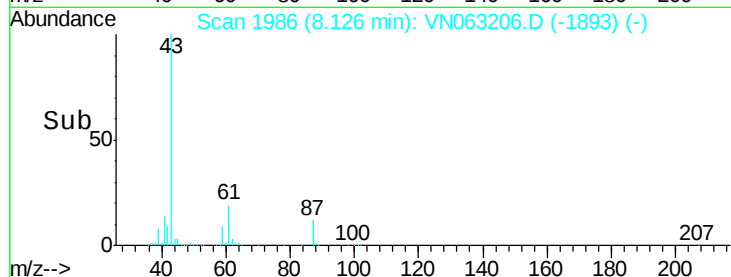
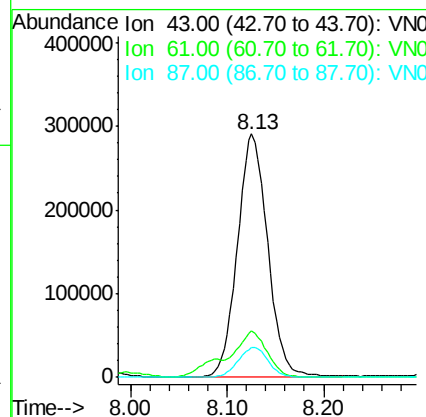
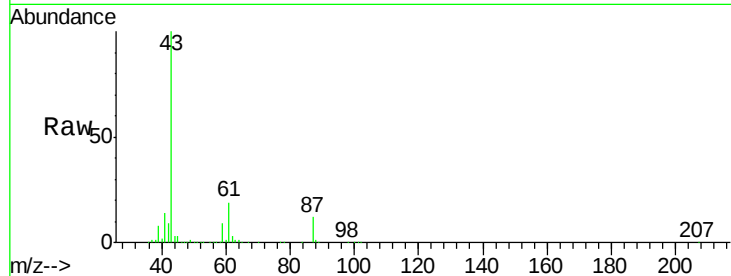
#43
Isopropyl Acetate
Concen: 51.916 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	20.2	30.4#
87	12.3	9.8	14.6

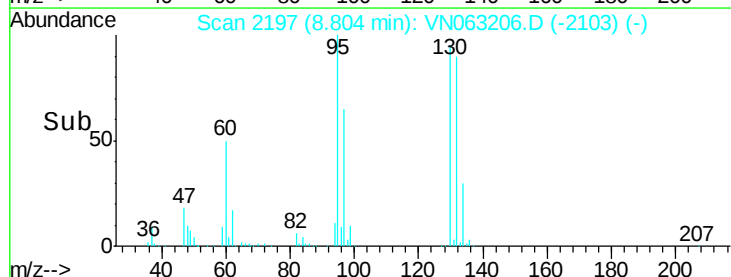
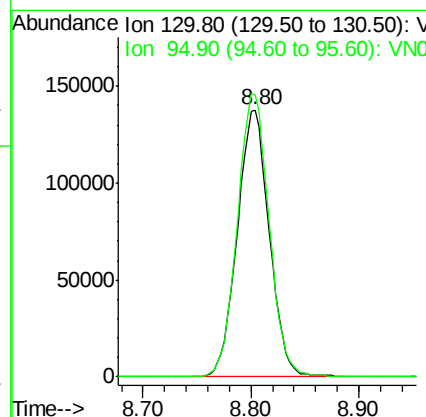
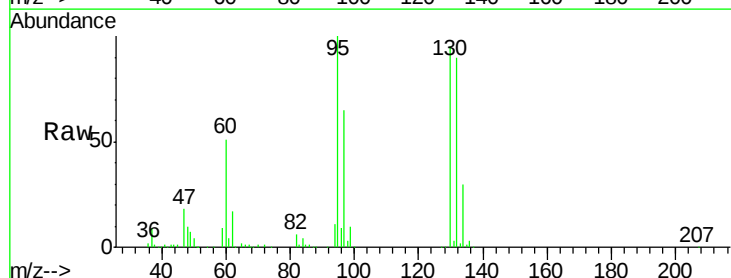
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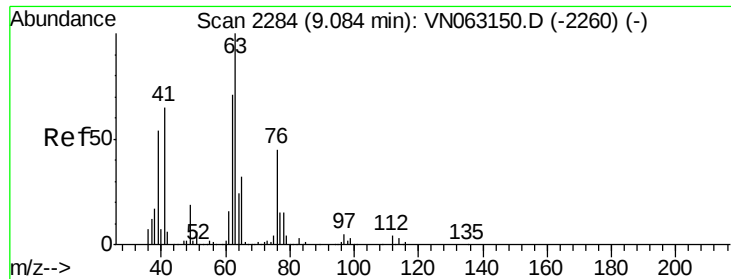
MMDadoda
9/3/2020 9:29:17 AM



#44
Trichloroethene
Concen: 53.635 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	212.0





#45

1,2-Dichloropropane

Concen: 48.752 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 282623

Ion Ratio Lower Upper

63 100

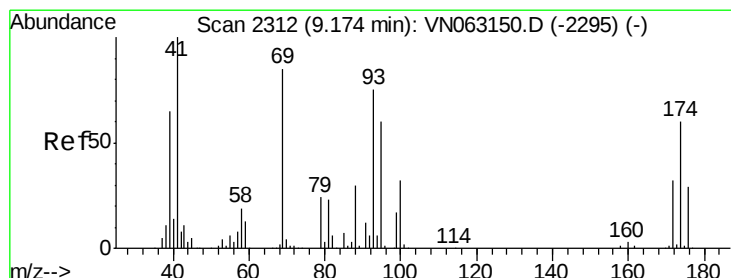
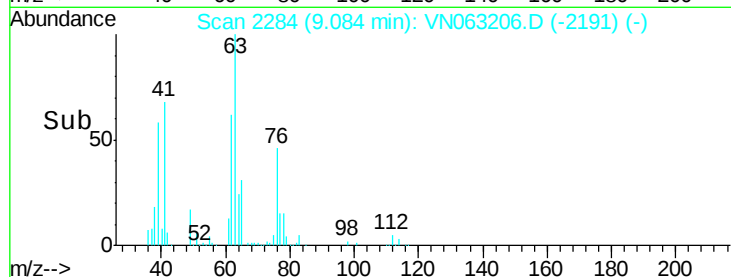
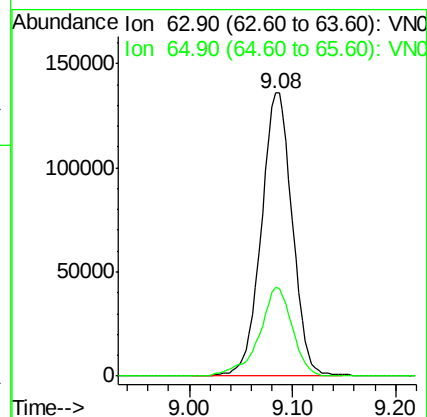
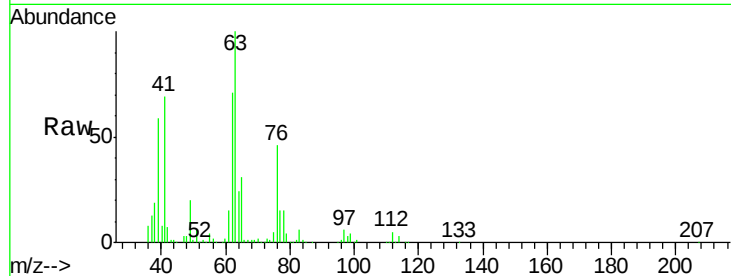
65 31.3 25.4 38.0

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#46

Dibromomethane

Concen: 52.004 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

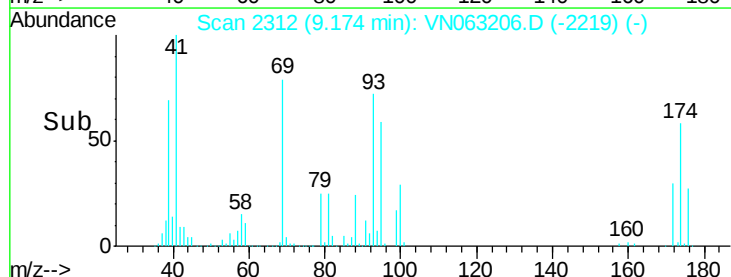
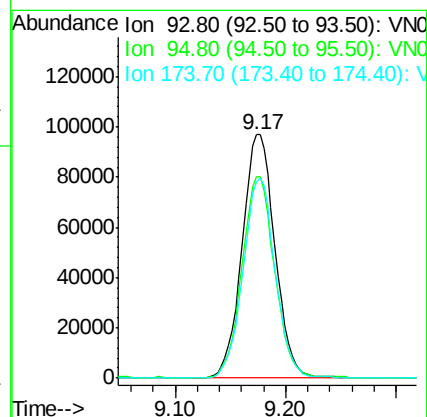
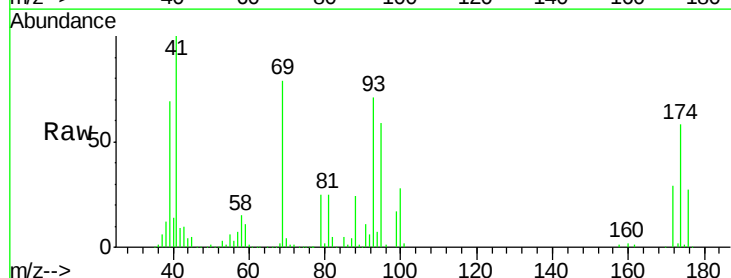
Tgt Ion: 93 Resp: 199786

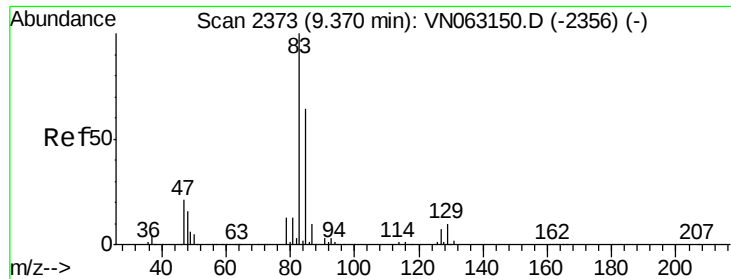
Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

174 80.6 64.6 97.0





#47

Bromodichloromethane

Concen: 50.875 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

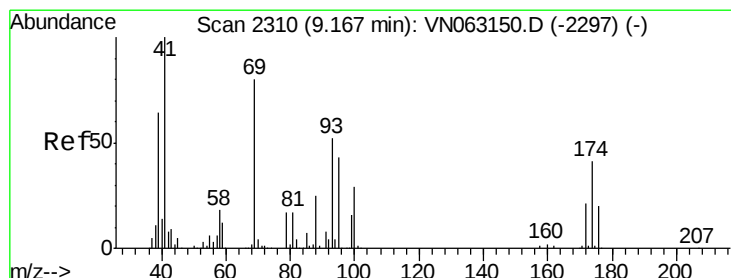
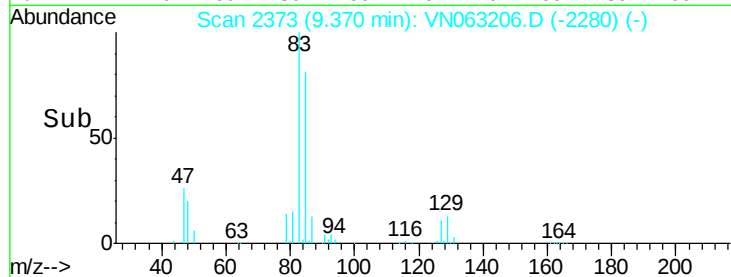
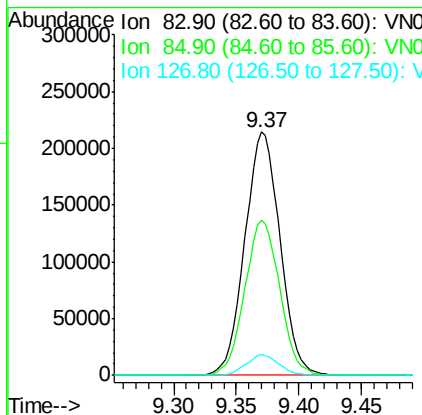
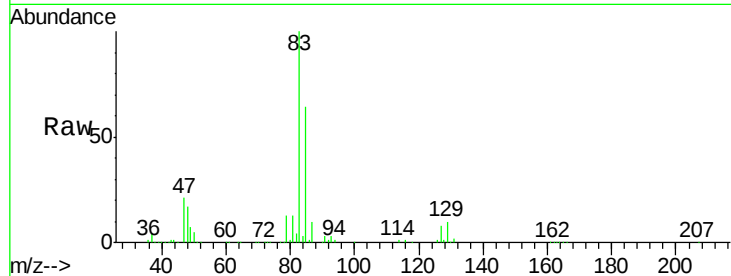
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	418931
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.0	76.6
127	8.4	5.7	8.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.672 ug/l

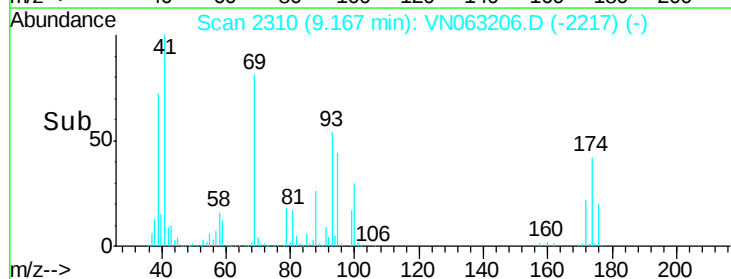
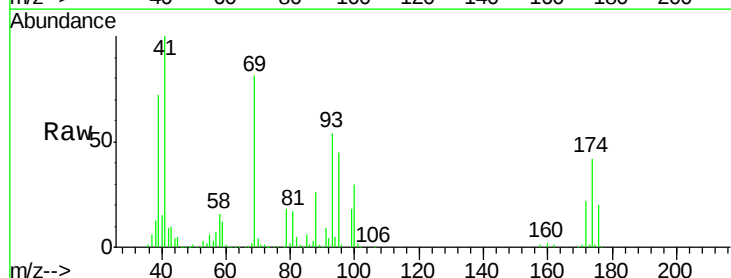
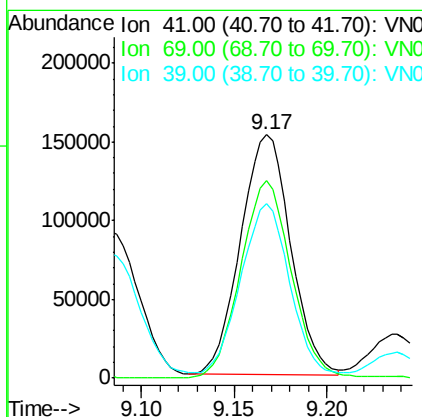
RT: 9.17 min Scan# 2310

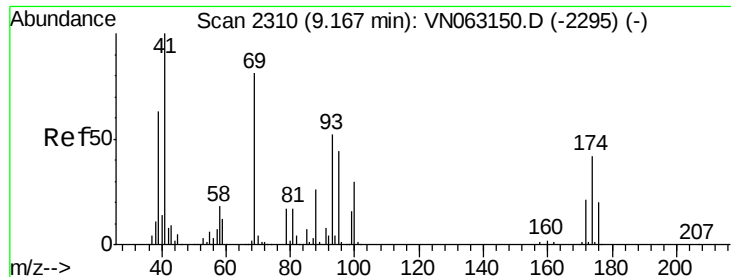
Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion:	41	Resp:	288526
Ion Ratio	Lower	Upper	
41	100		
69	83.1	65.9	98.9
39	71.6	52.0	78.0





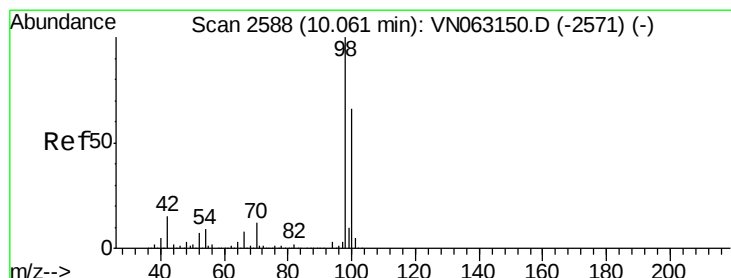
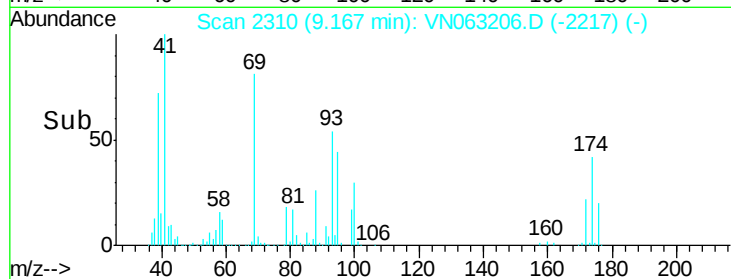
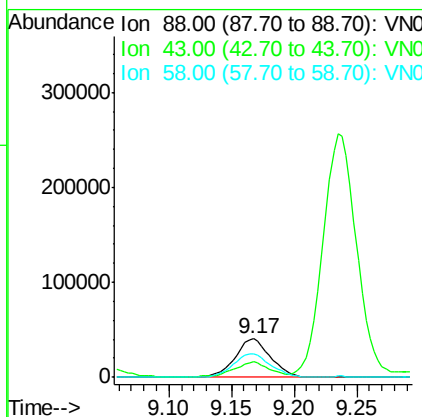
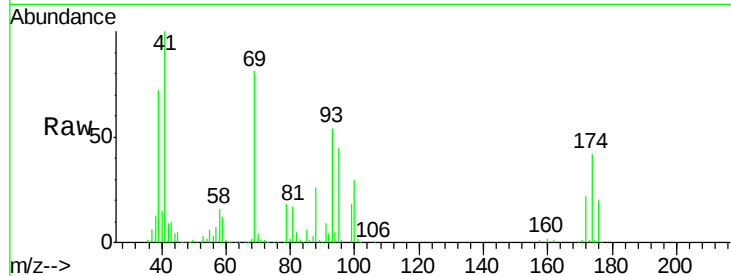
#49
1,4-Dioxane
Concen: 948.469 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	28.6	42.8
58	65.2	53.2	79.8

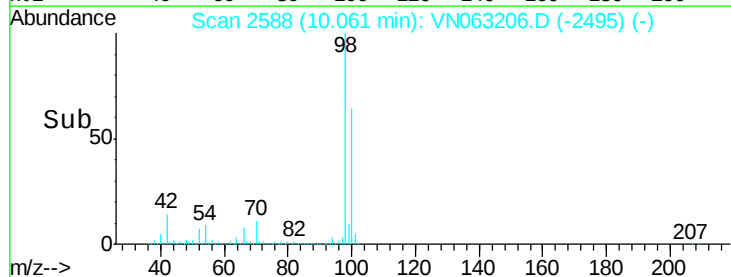
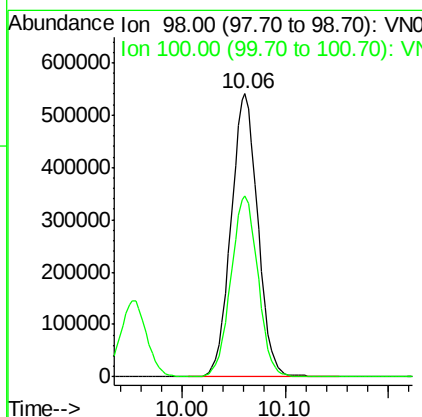
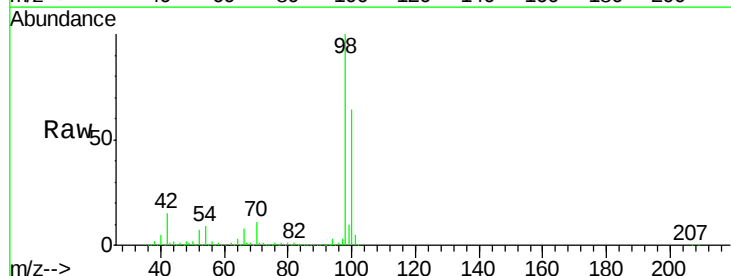
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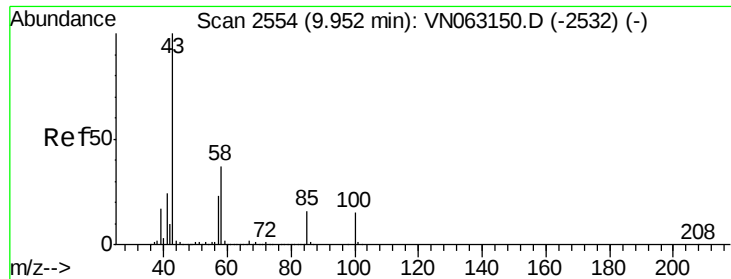
MMDadoda
9/3/2020 9:29:17 AM



#50
Toluene-d8
Concen: 51.076 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





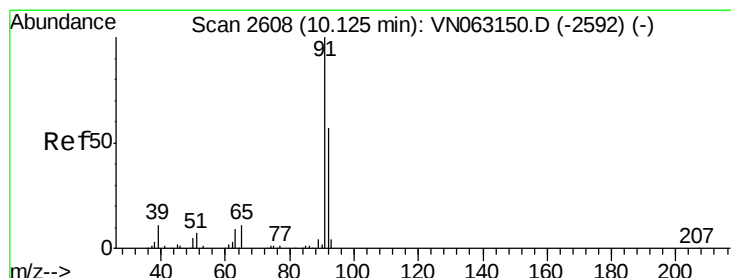
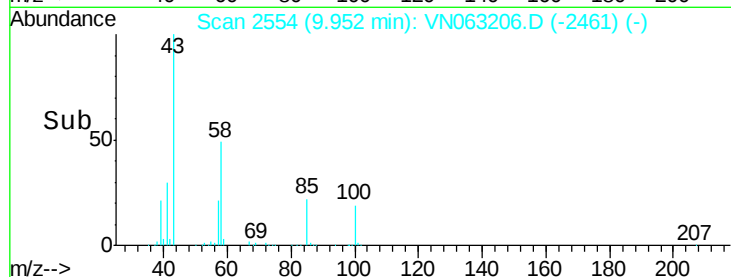
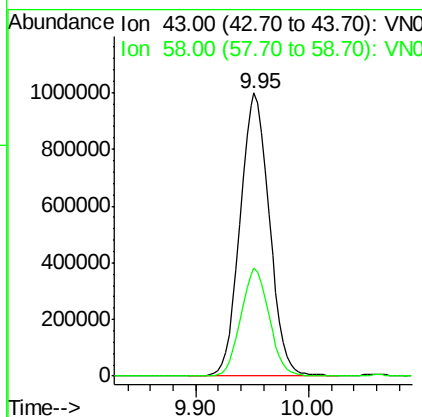
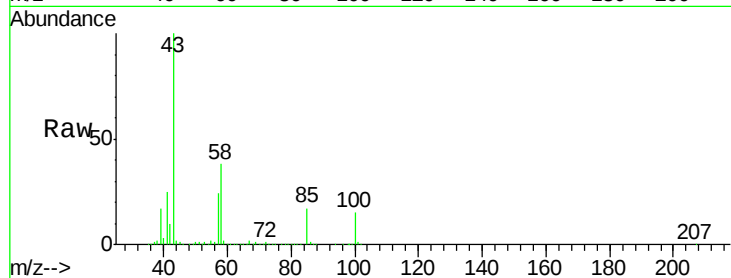
#51
4-Methyl-2-Pentanone
Concen: 271.936 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1795603
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8

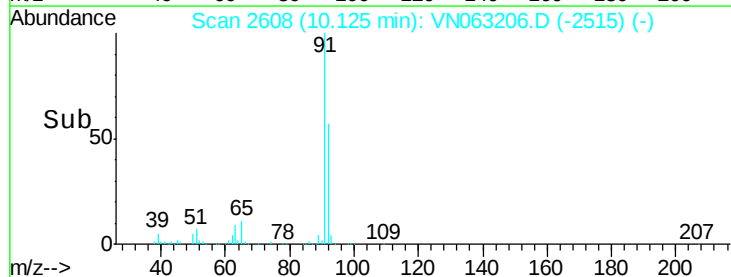
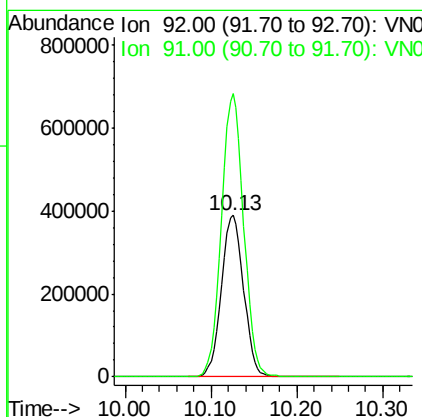
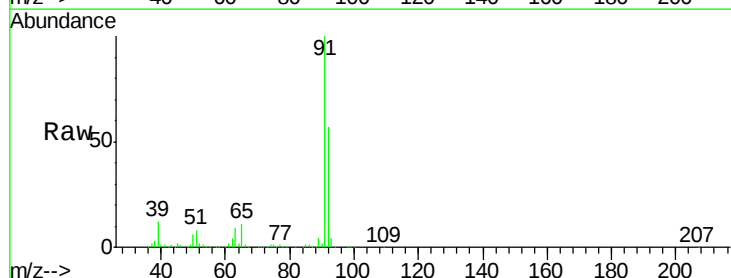
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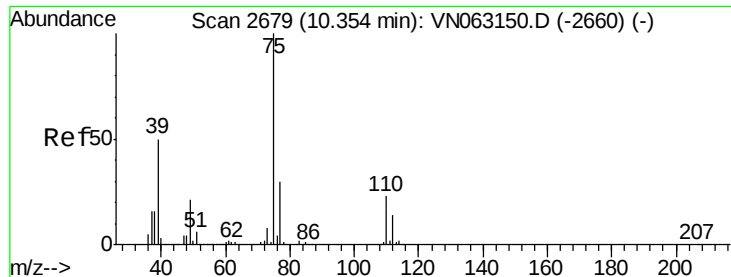
MMDadoda
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#52
Toluene
Concen: 51.305 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 92 Resp: 699761
Ion Ratio Lower Upper
92 100
91 175.1 141.2 211.8





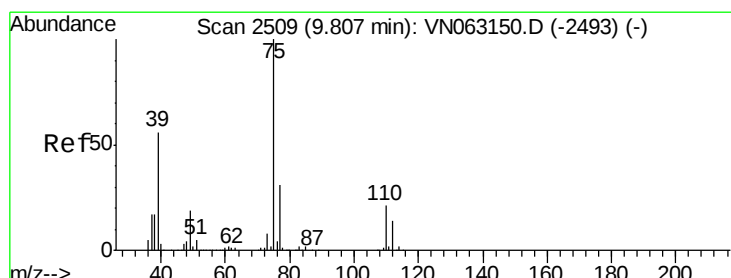
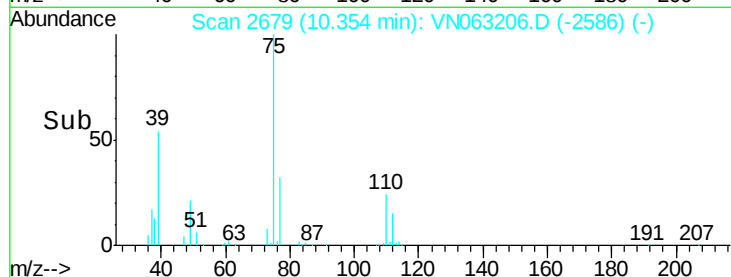
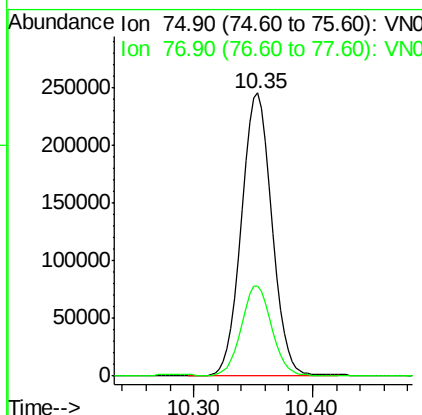
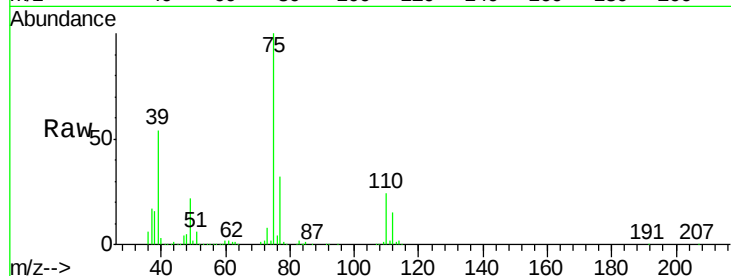
#53
t-1,3-Dichloropropene
Concen: 48.459 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	75	Resp	436490
Ion Ratio	Lower	Upper	
75	100		
77	31.8	24.2	36.2

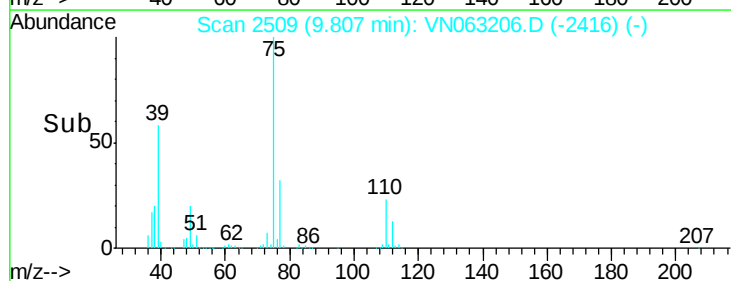
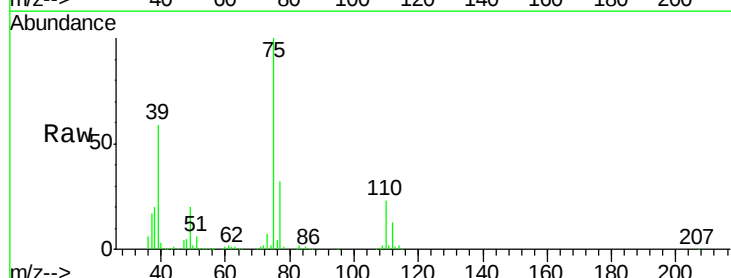
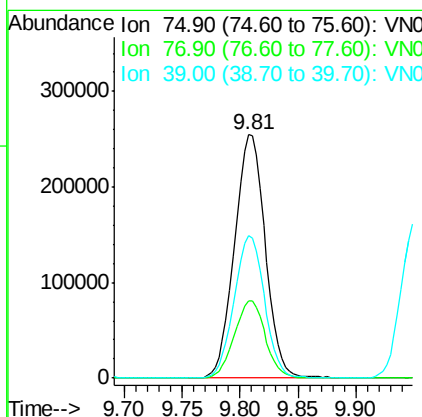
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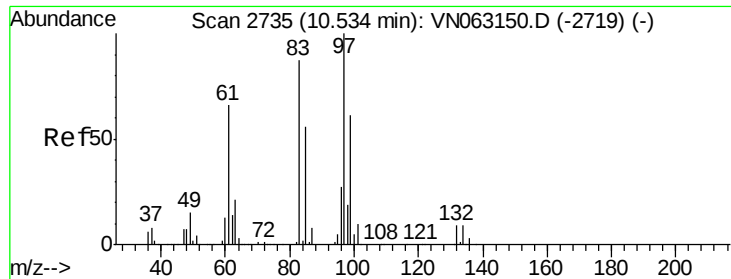
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#54
cis-1,3-Dichloropropene
Concen: 49.507 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	75	Resp	468082
Ion Ratio	Lower	Upper	
75	100		
77	31.8	24.8	37.2
39	58.4	45.0	67.6





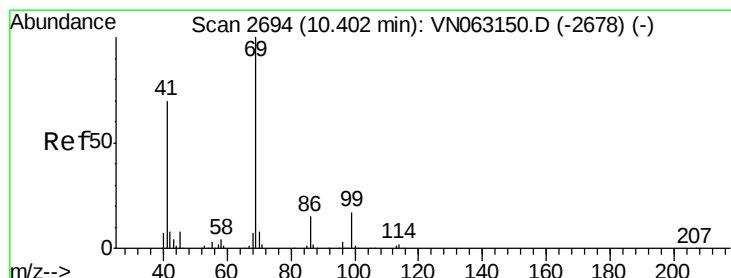
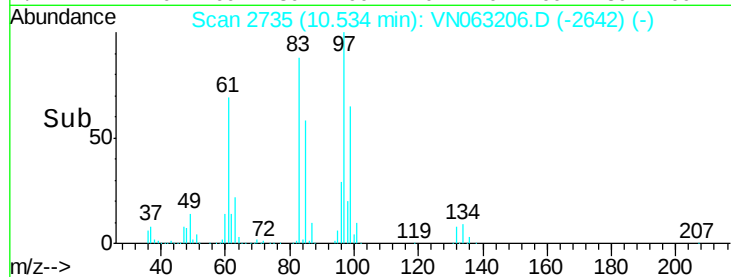
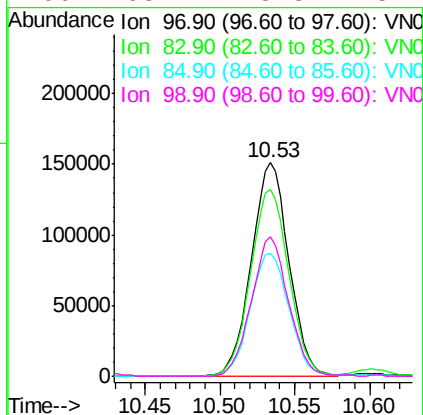
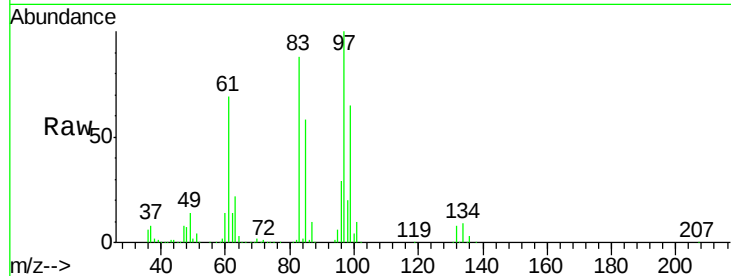
#55
 1,1,2-Trichloroethane
 Concen: 50.589 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	264250
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.8	104.8
85	57.7	44.9	67.3
99	65.1	48.8	73.2

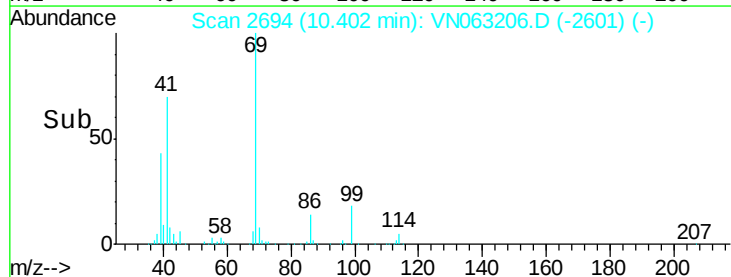
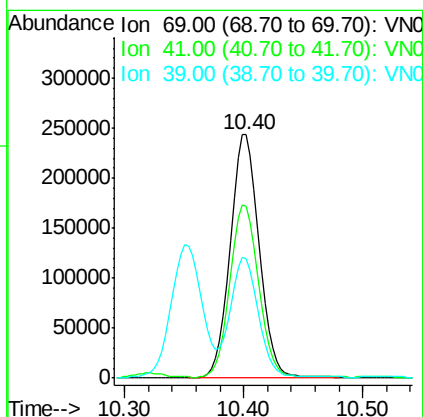
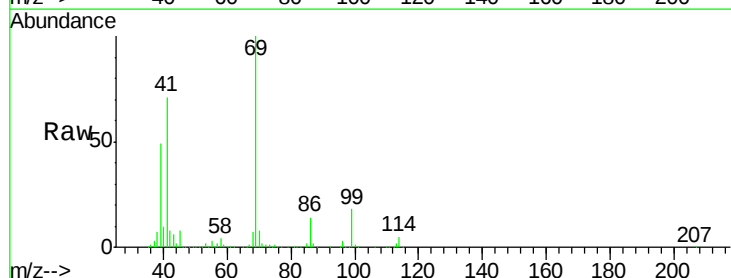
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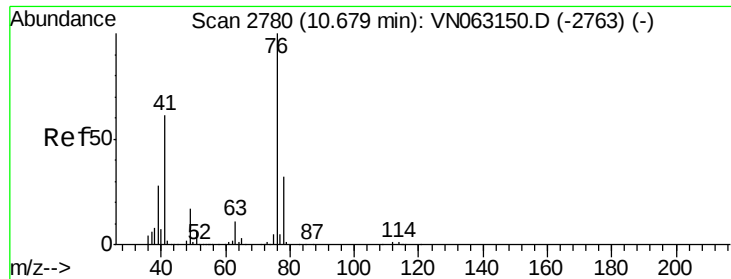
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 9/3/2020 9:29:17 AM



#56
 Ethyl methacrylate
 Concen: 51.759 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion:	69	Resp:	411447
Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.5	83.3
39	47.8	38.2	57.2





#57

1,3-Dichloropropane

Concen: 51.225 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 476675

Ion Ratio Lower Upper

76 100

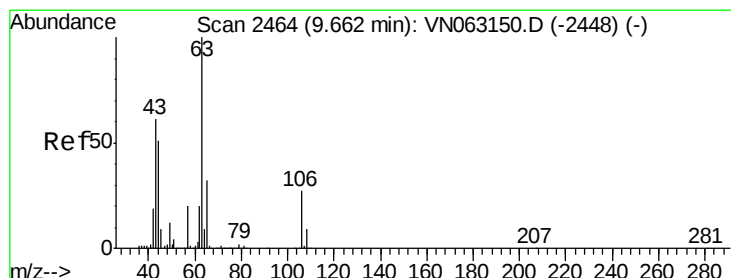
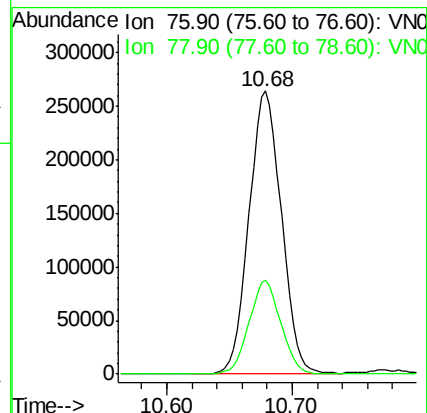
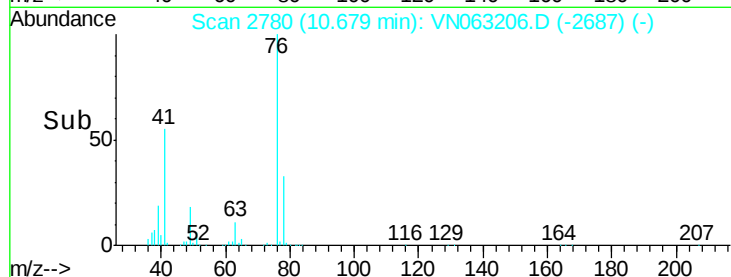
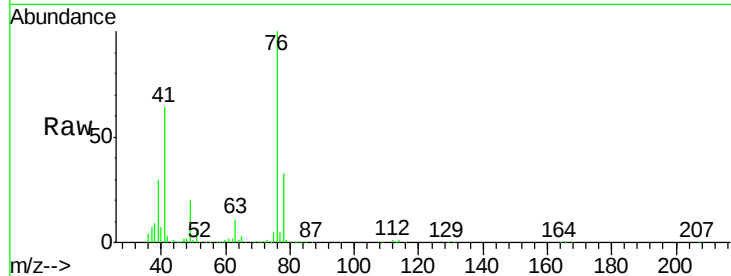
78 32.5 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 229.450 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063206.D

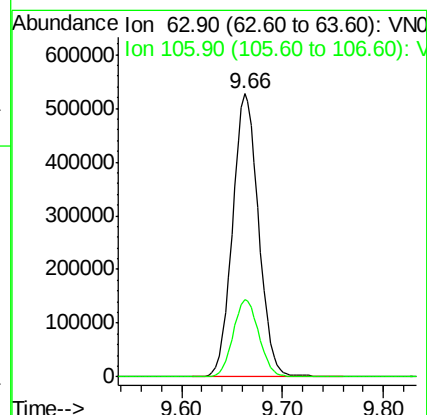
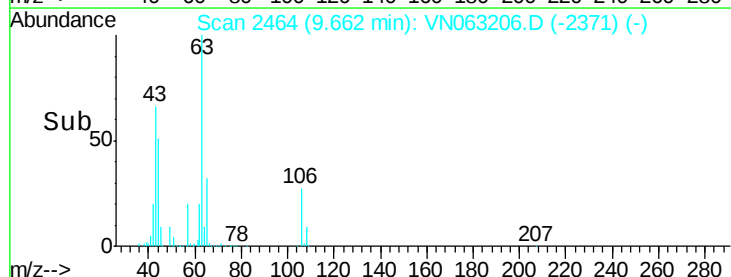
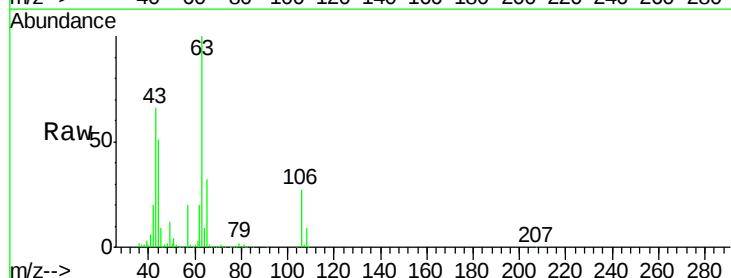
Acq: 2 Sep 2020 19:52

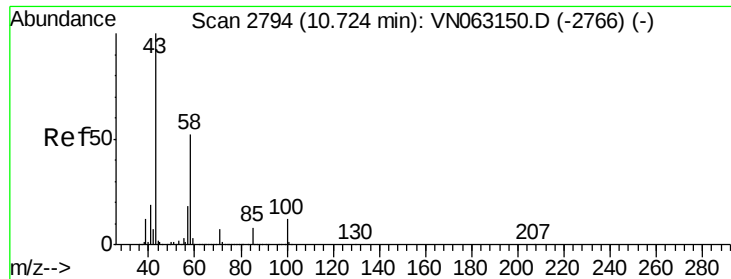
Tgt Ion: 63 Resp: 944517

Ion Ratio Lower Upper

63 100

106 27.3 21.8 32.6





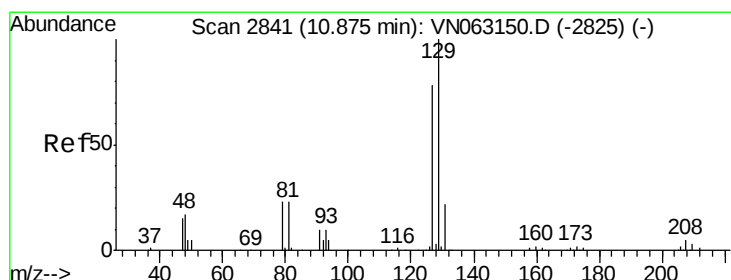
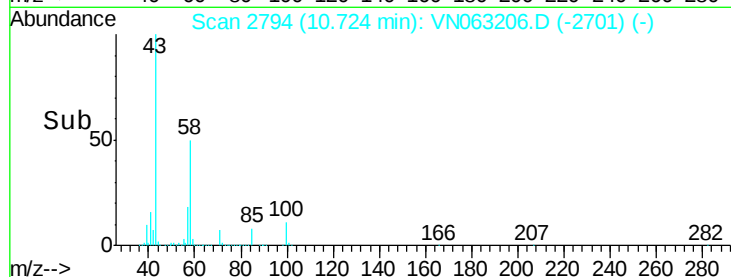
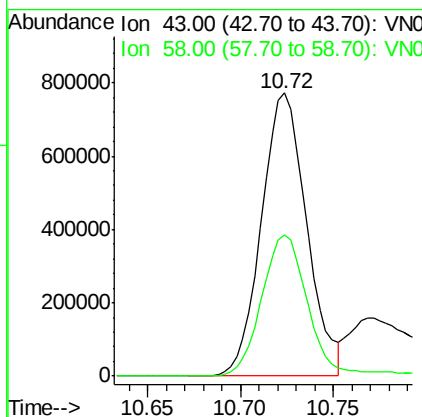
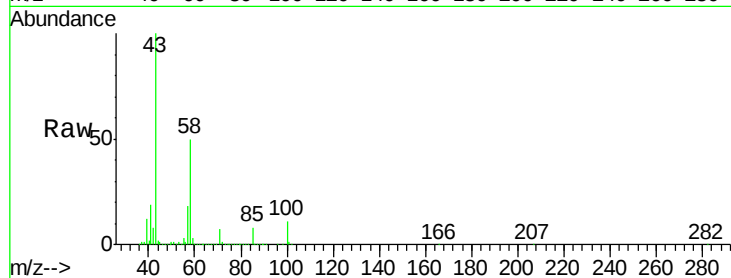
#59
2-Hexanone
Concen: 281.175 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1304798
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8

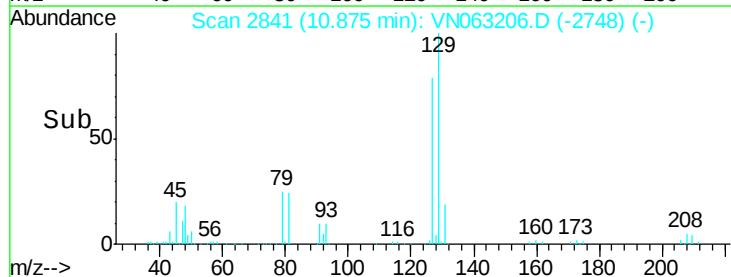
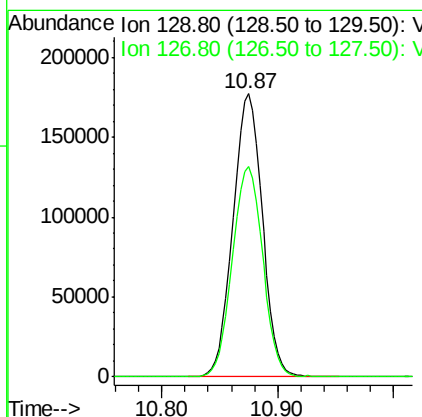
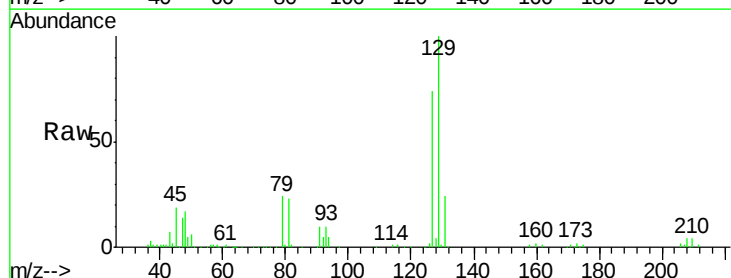
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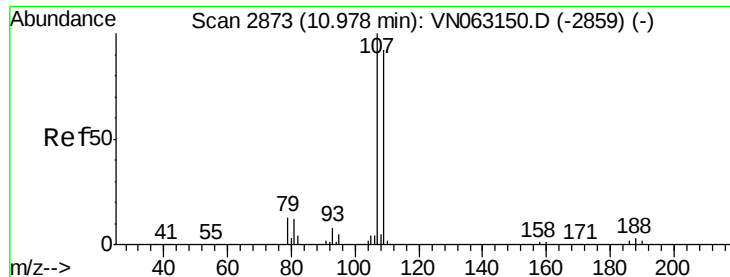
MMDadoda
9/3/2020 9:29:17 AM



#60
Dibromochloromethane
Concen: 53.878 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 129 Resp: 311141
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0





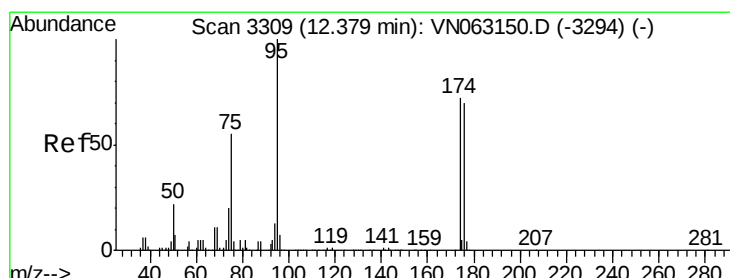
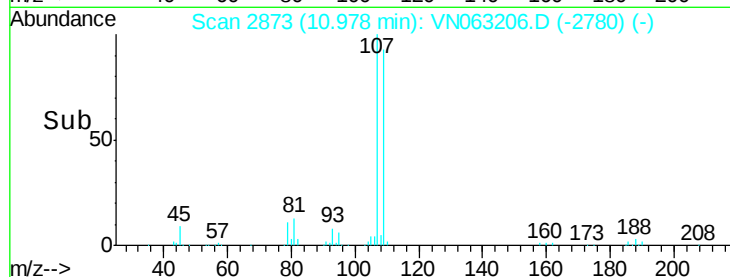
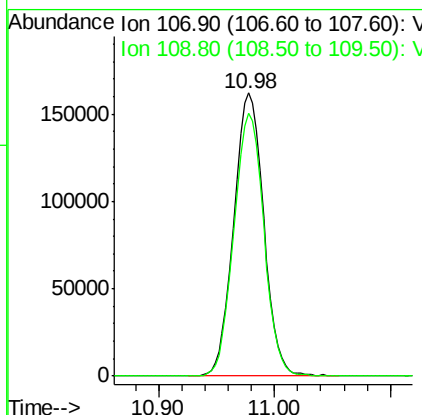
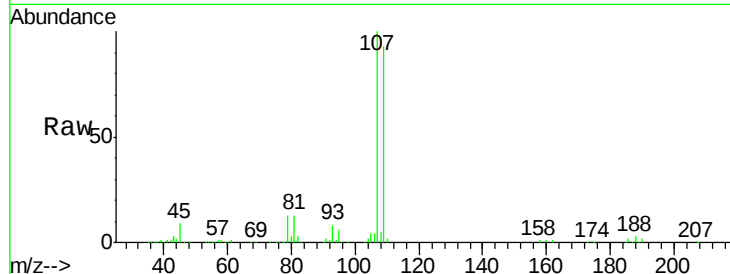
#61
 1,2-Dibromoethane
 Concen: 53.136 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	73.4	110.0

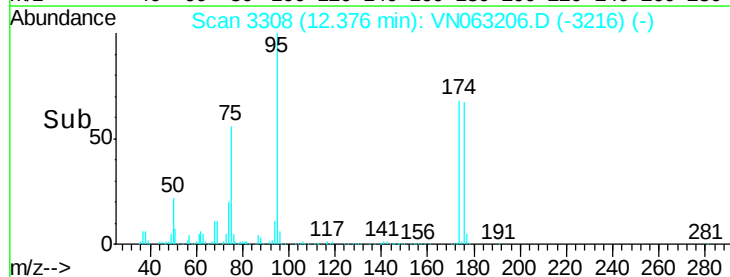
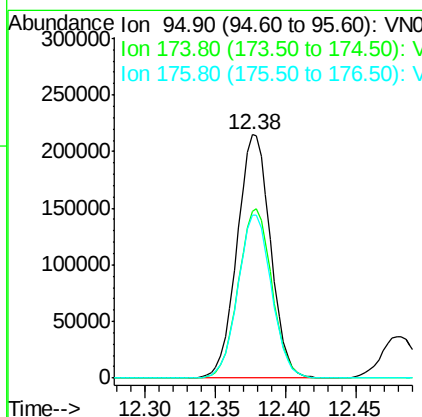
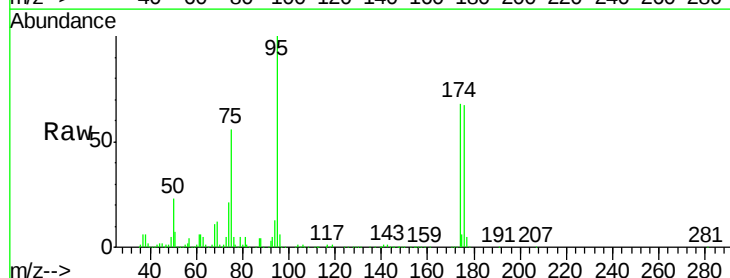
Manual Integrations
 APPROVED

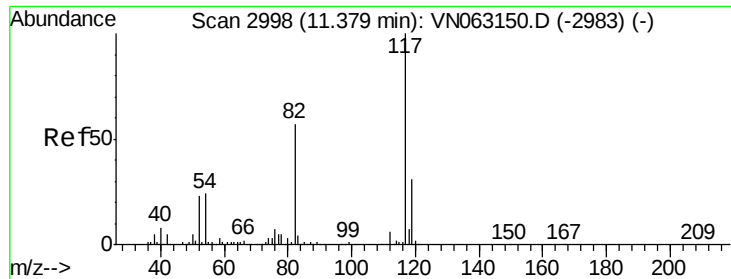
MMDadoda
 9/3/2020 9:29:17 AM



#62
 4-Bromofluorobenzene
 Concen: 53.462 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	143.8
176	67.3	0.0	138.4





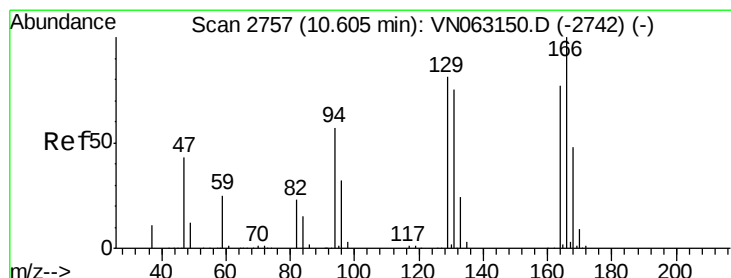
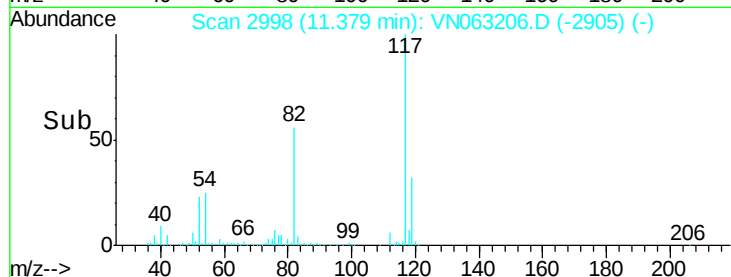
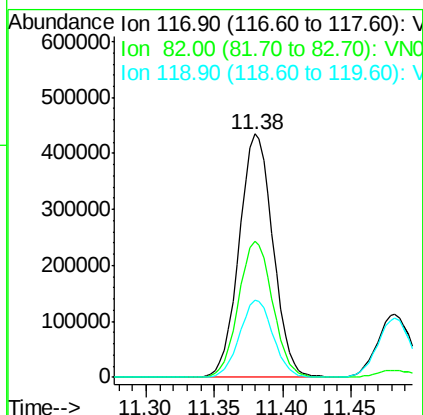
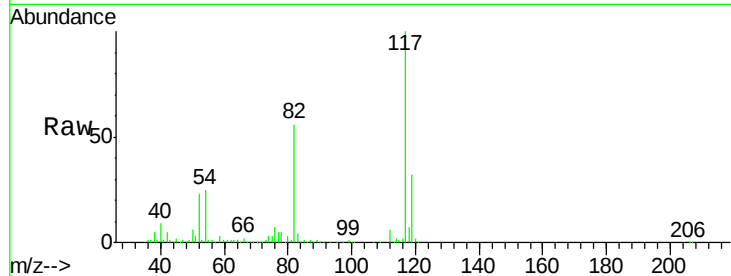
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.4	68.0
119	31.8	24.6	37.0

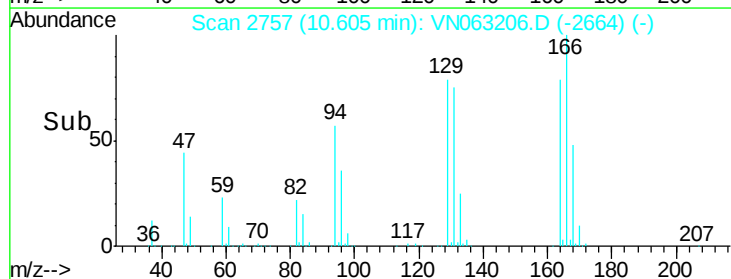
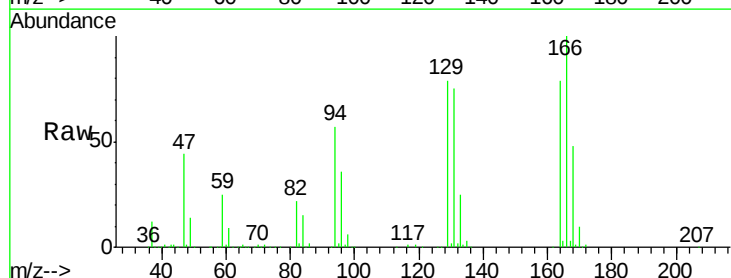
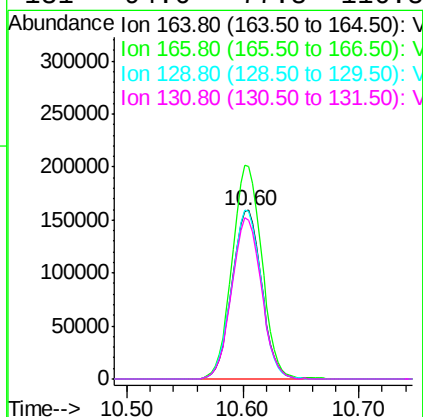
Manual Integrations
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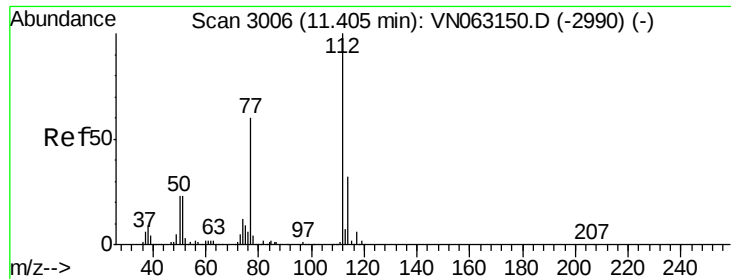
MMDadoda
9/3/2020 9:29:17 AM



#64
Tetrachloroethene
Concen: 52.532 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.4	155.2
129	99.6	83.4	125.0
131	94.6	77.8	116.8





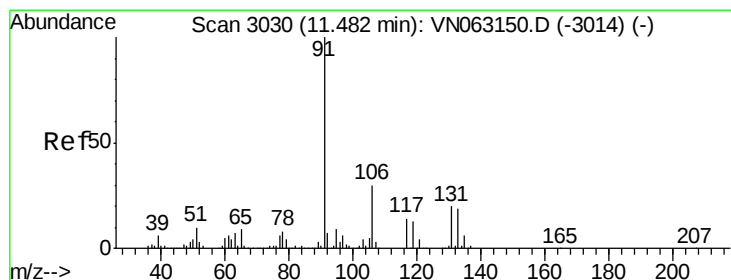
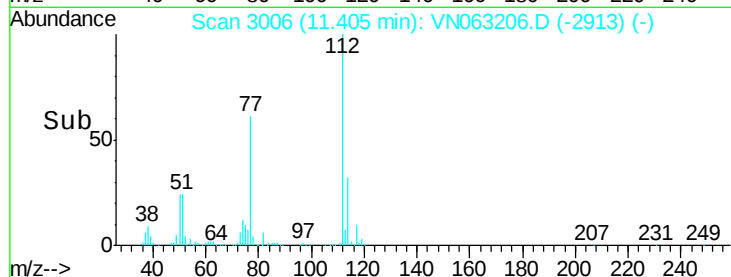
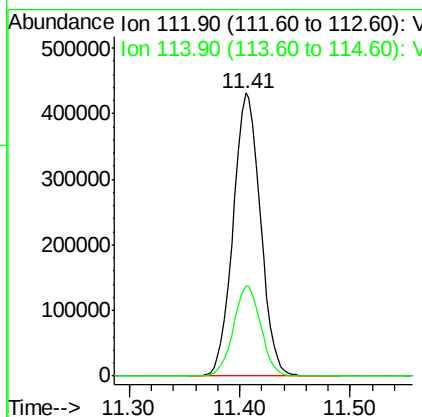
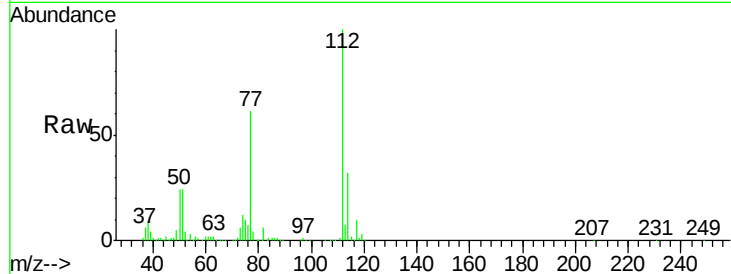
#65
Chlorobenzene
Concen: 49.110 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.2	37.8

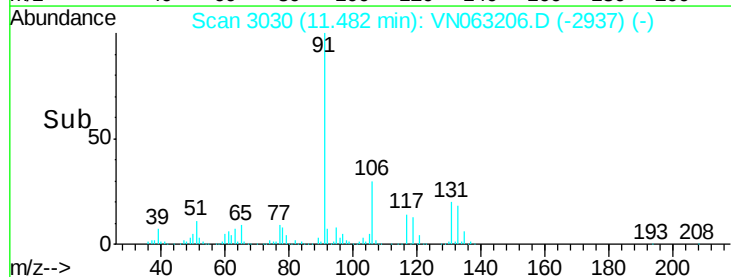
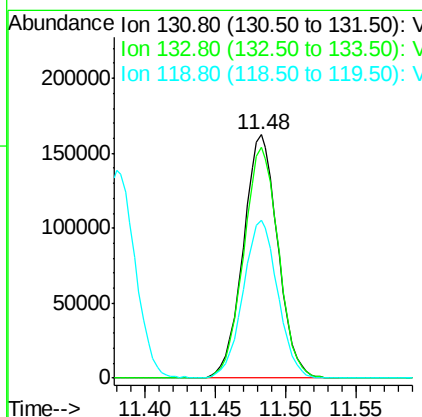
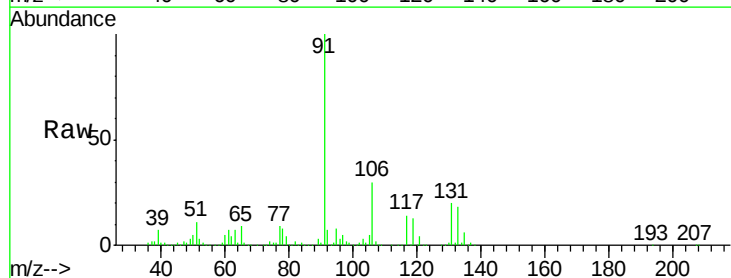
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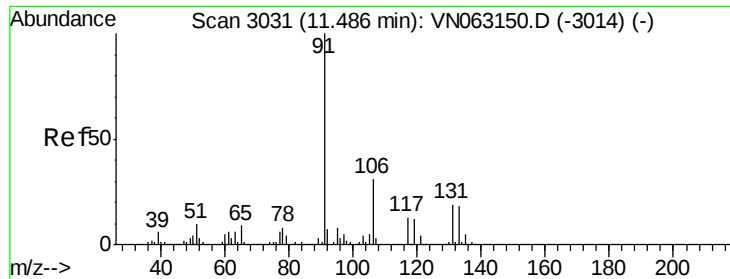
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.718 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.3	142.0
119	65.2	32.4	97.0





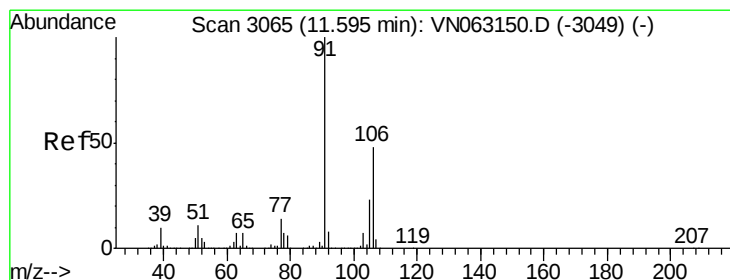
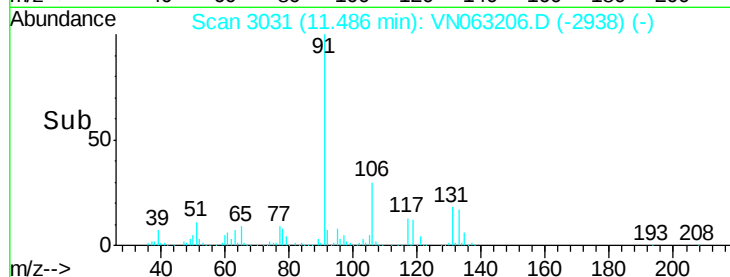
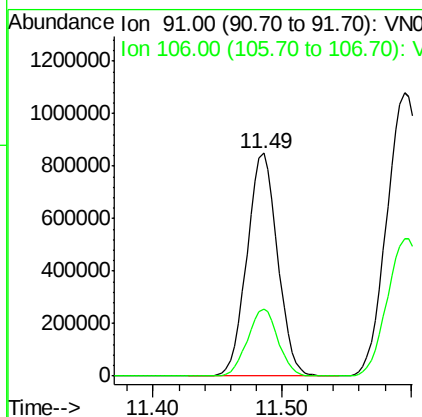
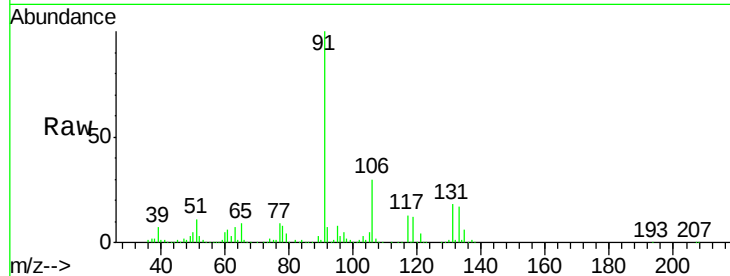
#67
Ethyl Benzene
Concen: 51.042 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1404374
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6

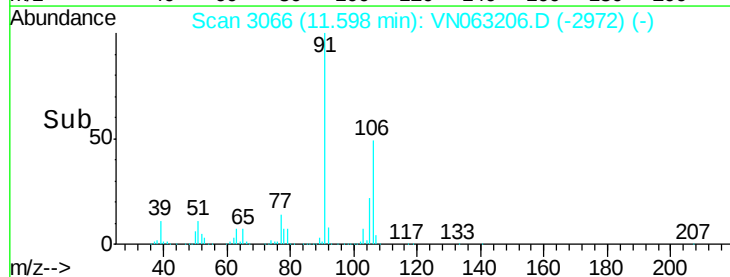
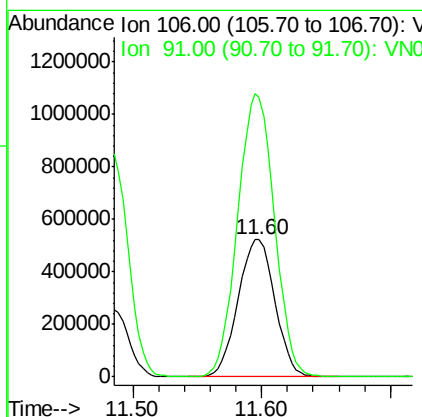
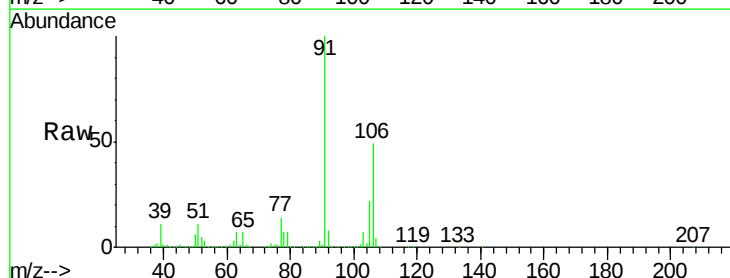
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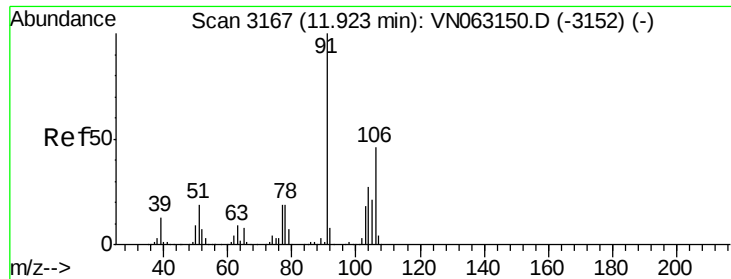
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#68
m/p-Xylenes
Concen: 101.630 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 106 Resp: 1035641
Ion Ratio Lower Upper
106 100
91 205.9 166.7 250.1





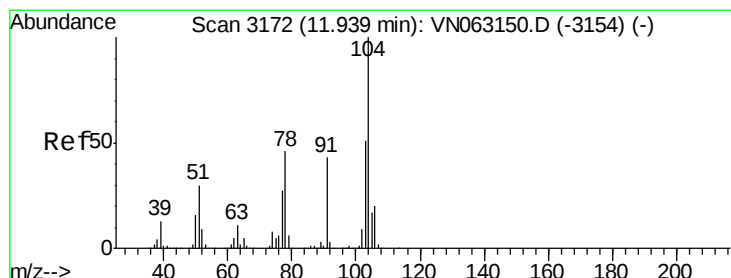
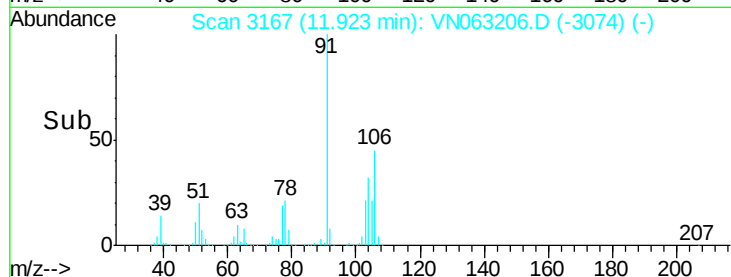
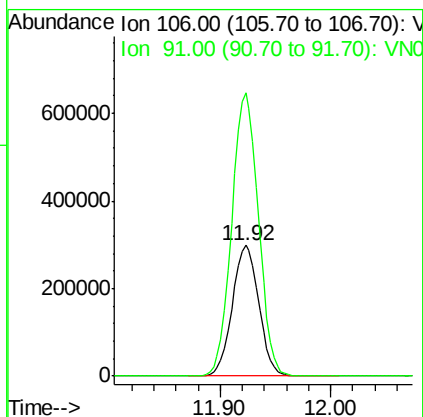
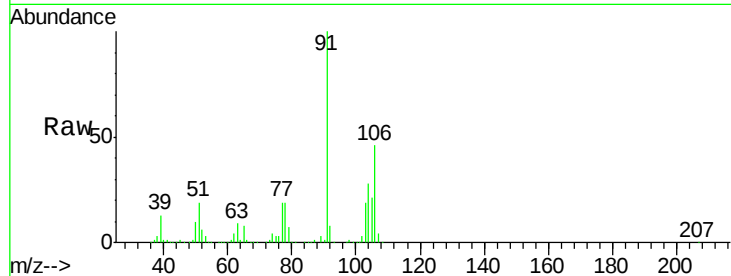
#69
o-Xylene
Concen: 50.530 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		497427		
91	217.8	108.6	325.6		

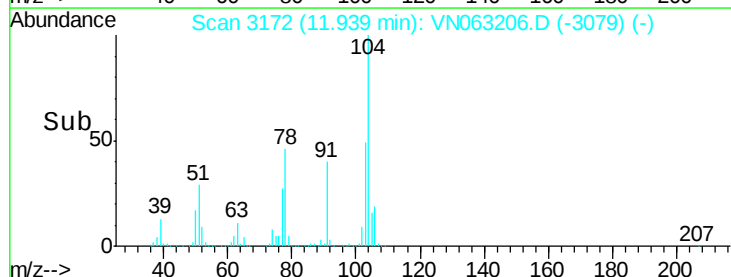
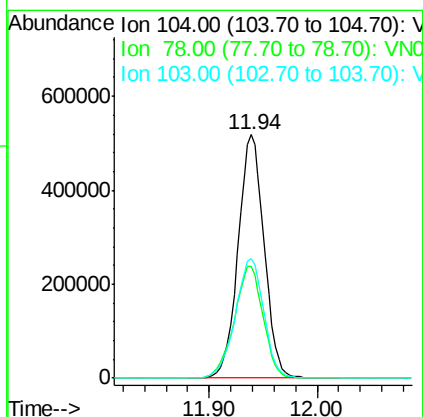
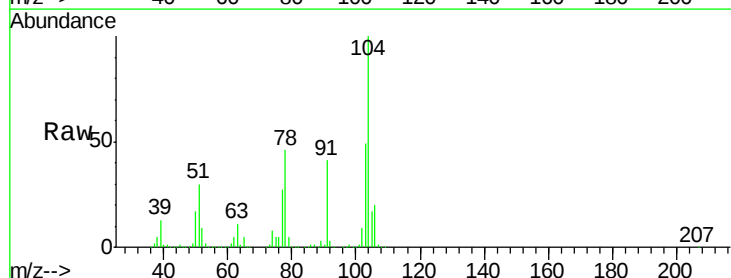
Manual Integrations
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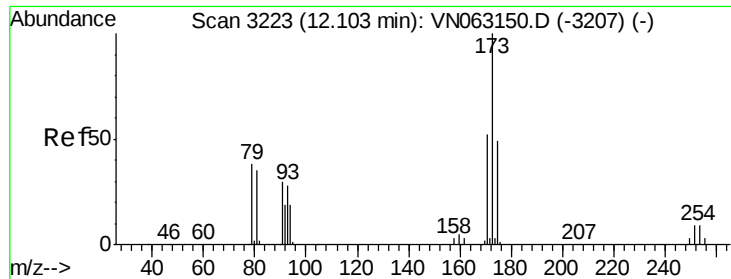
MMDadoda
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#70
Styrene
Concen: 51.427 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		870050		
78	50.9	41.0	61.6		
103	53.9	43.8	65.8		





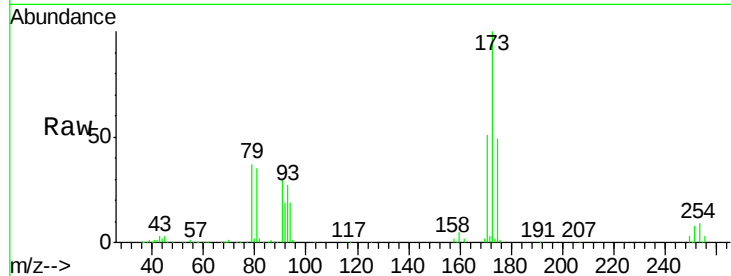
#71
Bromoform
Concen: 51.161 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.6	73.8
254	0.2	0.0	0.0#

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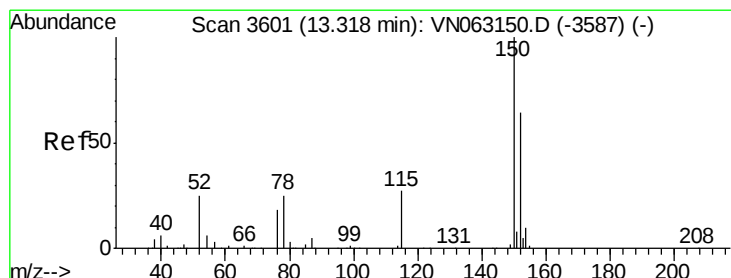
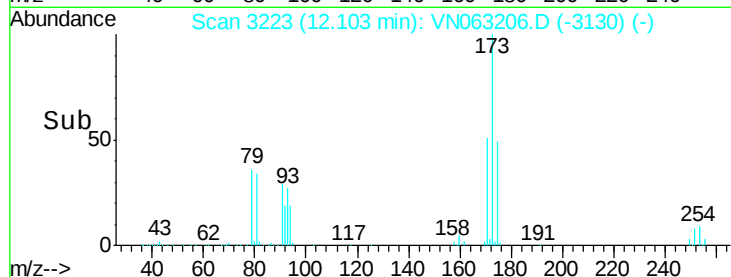
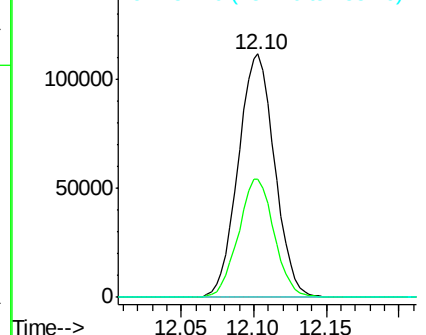


Abundance

Ion 172.70 (172.40 to 173.40): V

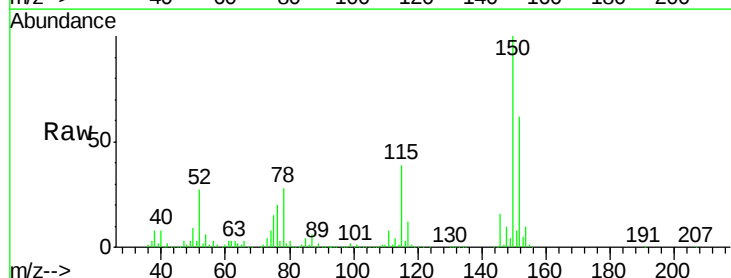
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.0	96.2
150	177.1	0.0	353.0

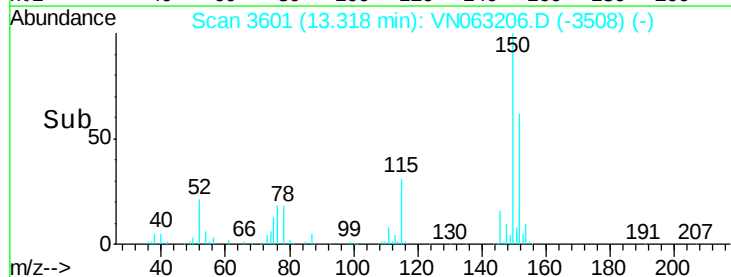
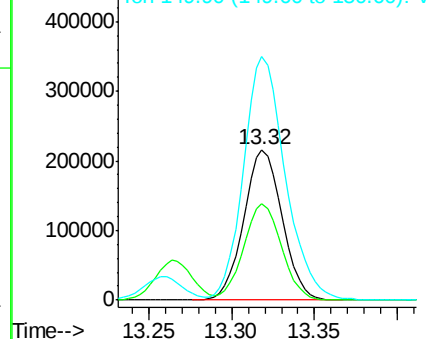


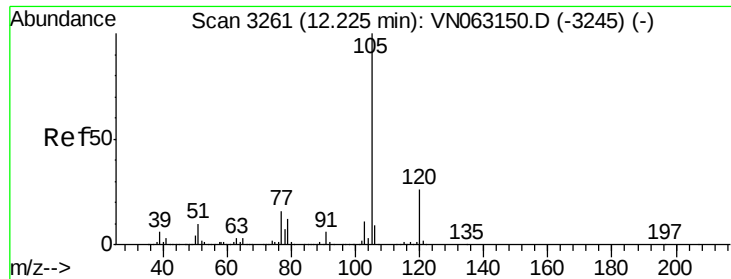
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.180 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1359897

Ion Ratio Lower Upper

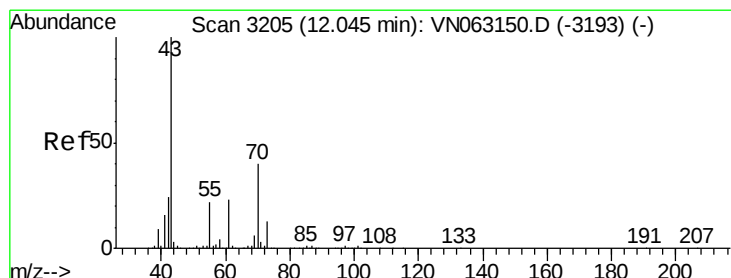
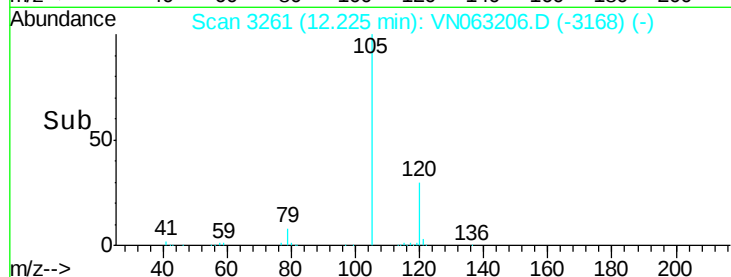
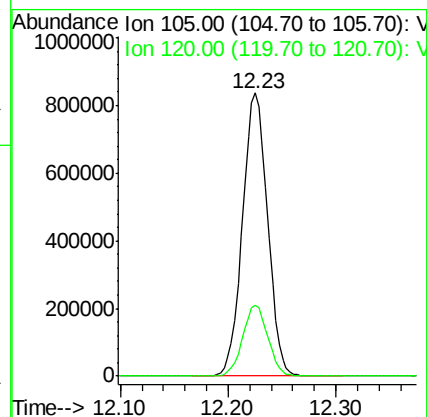
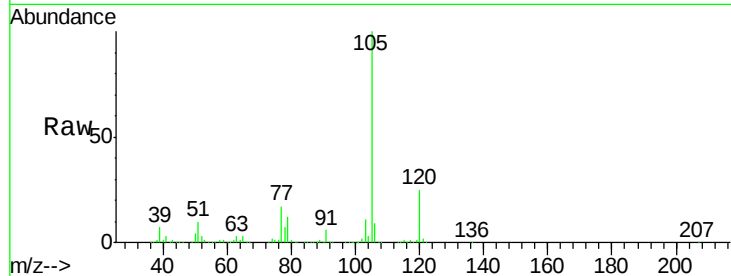
105 100

120 25.1 12.9 38.6

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#74

N-ethyl acetate

Concen: 52.951 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion: 43 Resp: 582782

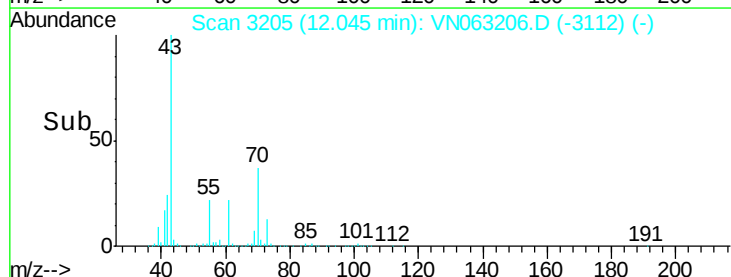
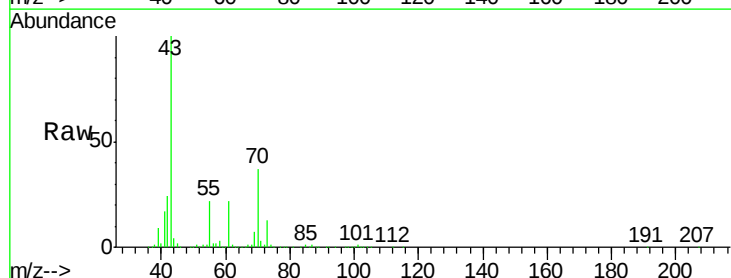
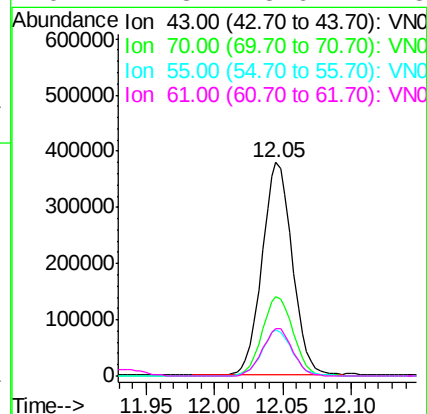
Ion Ratio Lower Upper

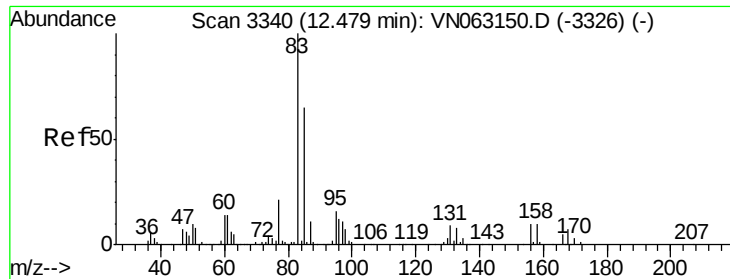
43 100

70 38.6 32.1 48.1

55 22.2 17.4 26.0

61 22.3 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.872 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 382040

Ion Ratio Lower Upper

83 100

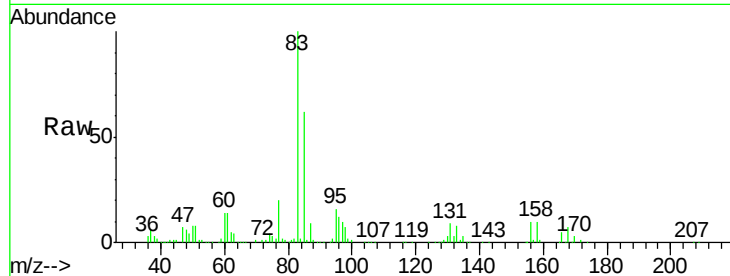
131 9.6 4.7 14.0

85 63.4 32.7 98.1

Manual Integrations
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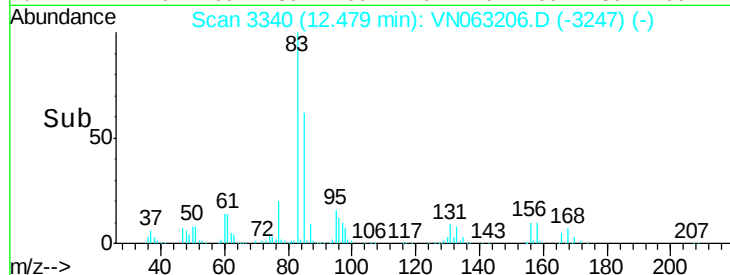


Abundance Ion 82.90 (82.60 to 83.60): VN063206.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063206.D (-3247) (-)

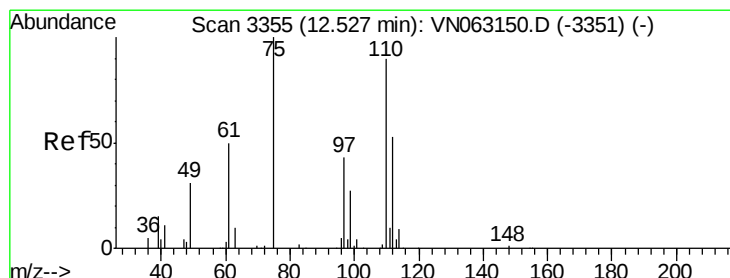
Ion 84.90 (84.60 to 85.60): VN063206.D (-3247) (-)

Time-->



Abundance

Time-->



#76

1,2,3-Trichloropropane

Concen: 48.444 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063206.D

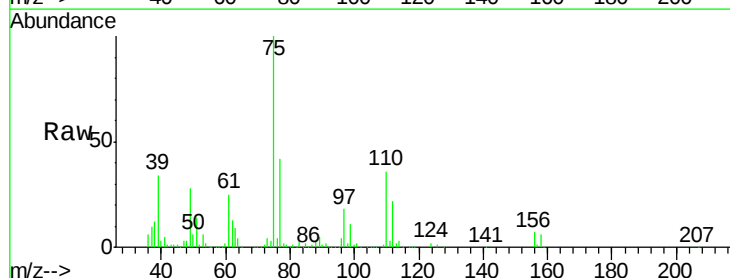
Acq: 2 Sep 2020 19:52

Tgt Ion: 75 Resp: 329739

Ion Ratio Lower Upper

75 100

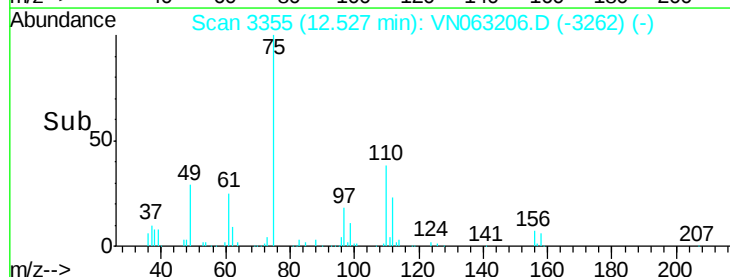
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063206.D (-3262) (-)

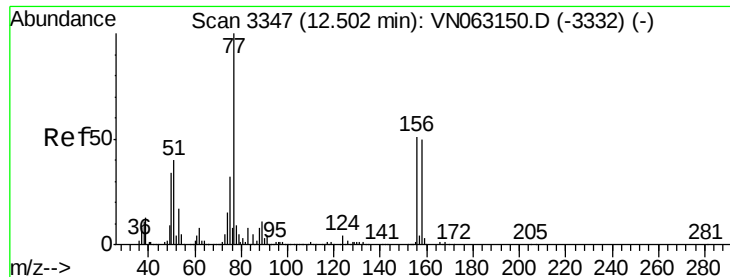
Ion 77.00 (76.70 to 77.70): VN063206.D (-3262) (-)

Time-->



Abundance

Time-->



#77

Bromobenzene

Concen: 50.065 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 300851

Ion Ratio Lower Upper

156 100

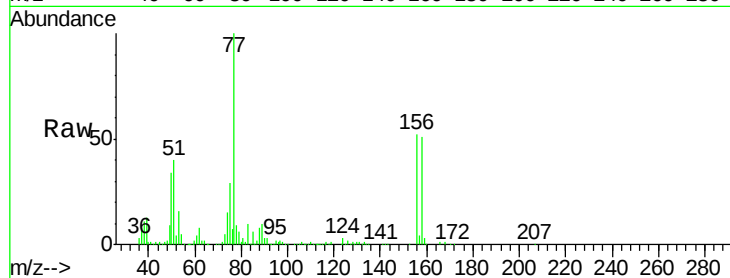
77 228.0 116.1 348.3

158 97.6 48.8 146.4

Manual Integrations
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MMDadoda

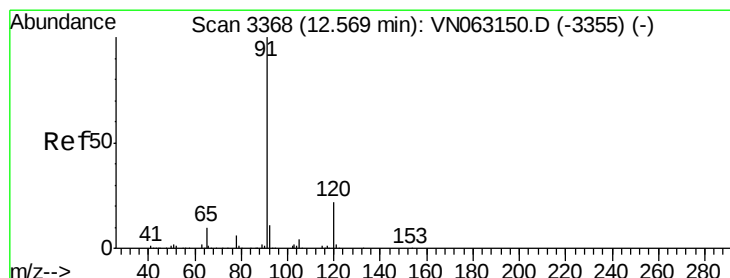
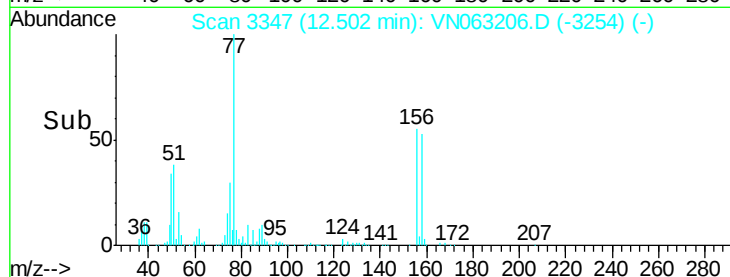
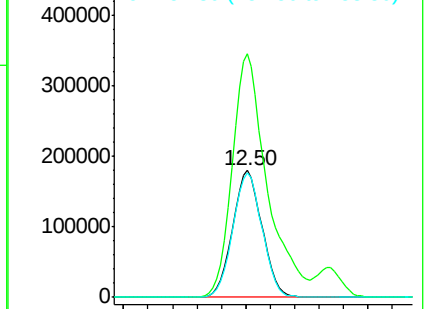
9/3/2020 9:29:17 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.662 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063206.D

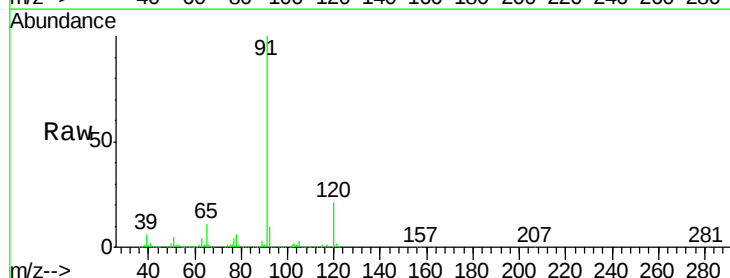
Acq: 2 Sep 2020 19:52

Tgt Ion: 91 Resp: 1588423

Ion Ratio Lower Upper

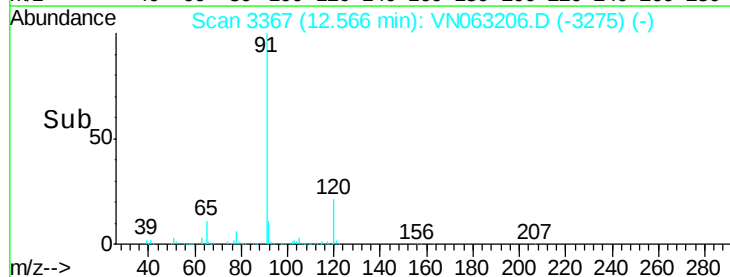
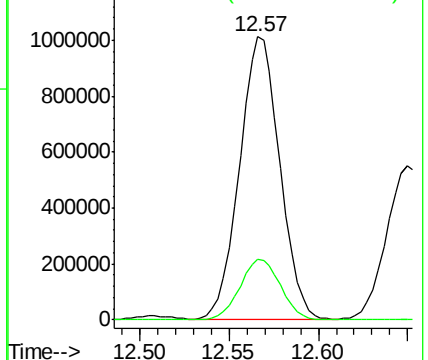
91 100

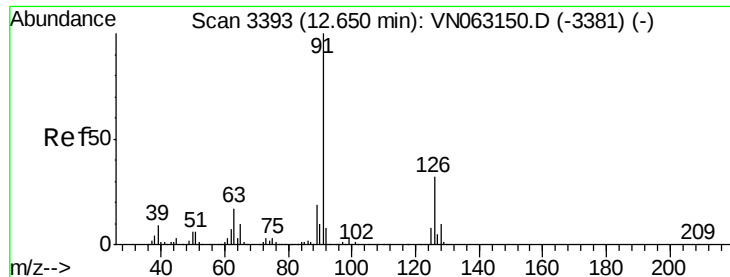
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





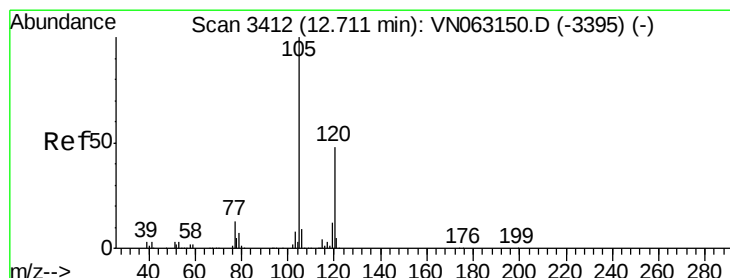
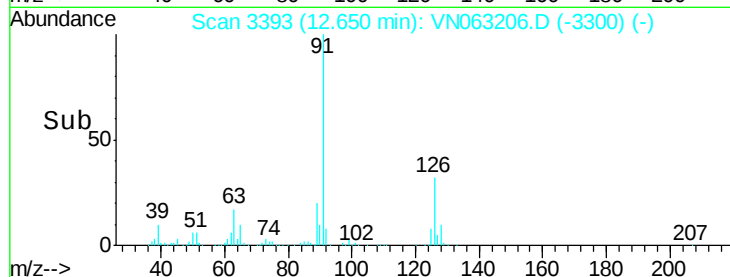
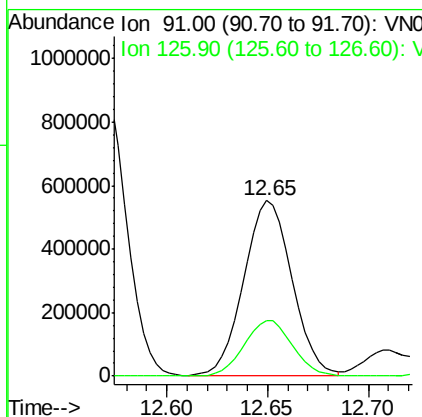
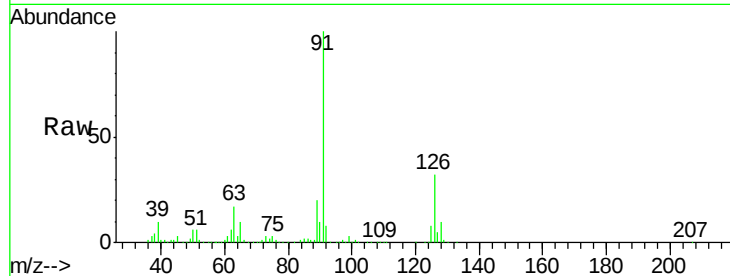
#79
 2-Chlorotoluene
 Concen: 50.085 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 922333
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.3

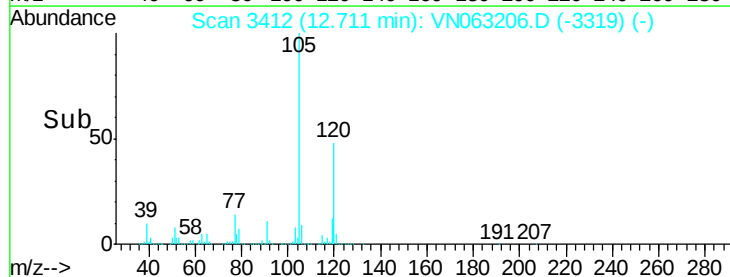
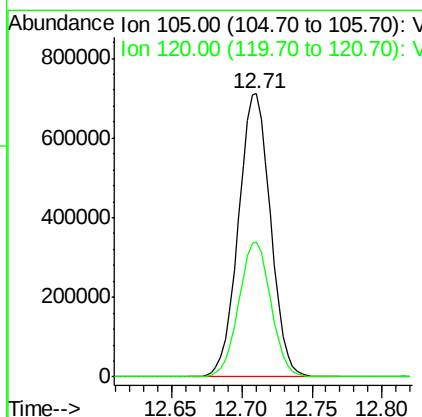
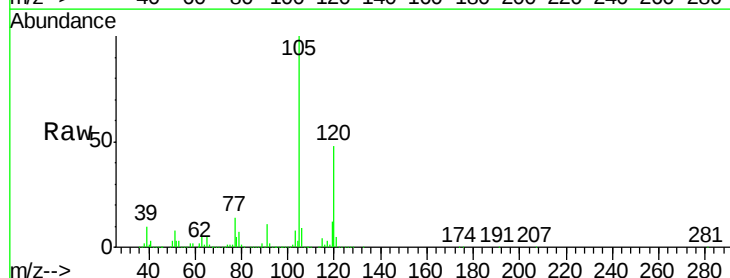
Manual Integrations
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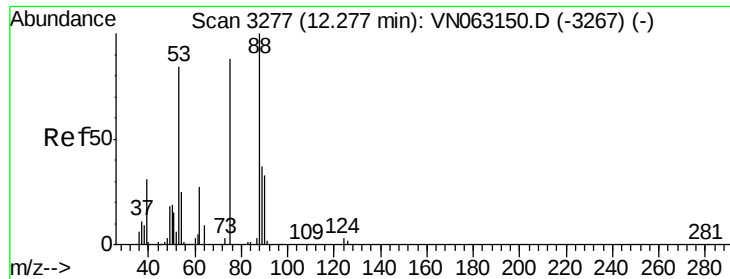
MMDadoda
 9/3/2020 9:29:17 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.186 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 105 Resp: 1132056
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 43.612 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

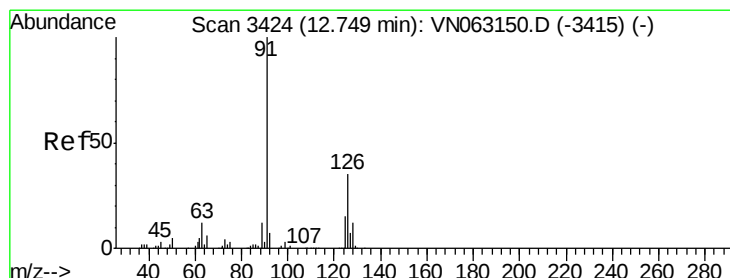
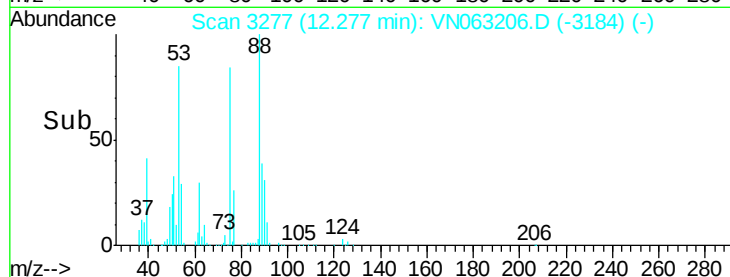
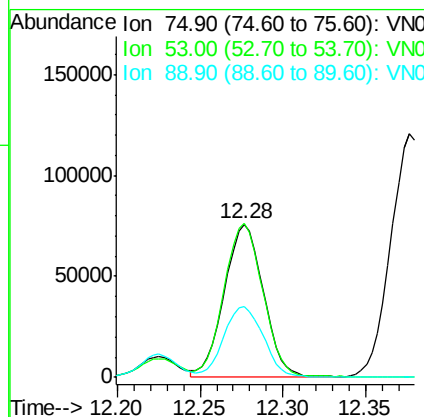
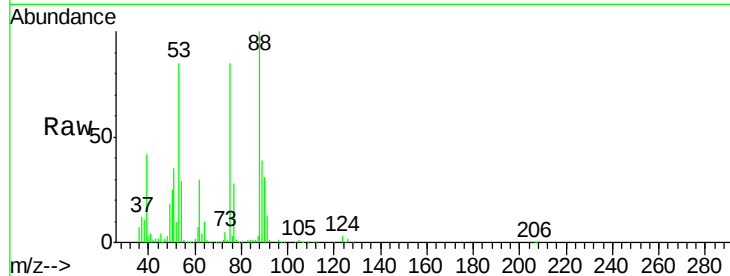
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	122817
Ion	Ratio	Lower	Upper
75	100		
53	102.2	78.7	118.1
89	47.7	35.3	52.9

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9/3/2020 9:29:17 AM



#82

4-Chlorotoluene

Concen: 50.849 ug/l

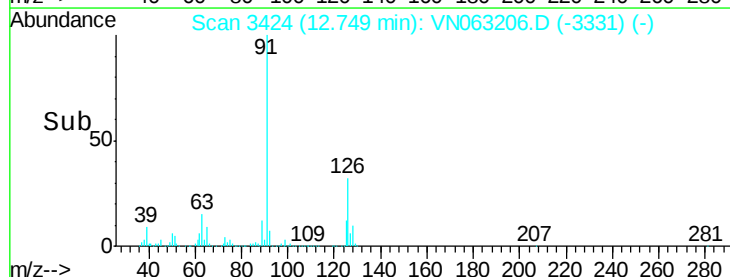
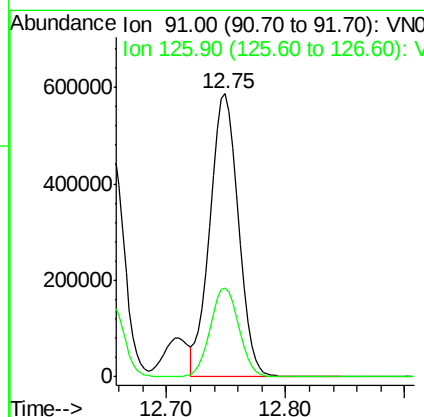
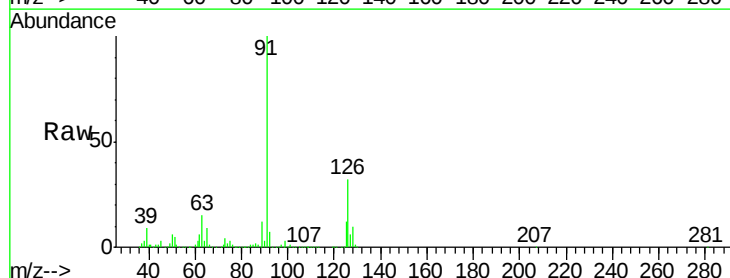
RT: 12.75 min Scan# 3424

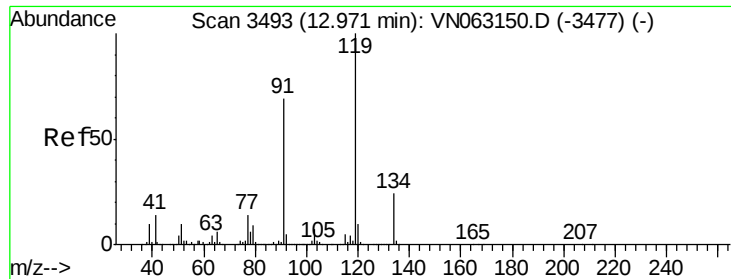
Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion:	91	Resp:	971179
Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.2	48.5





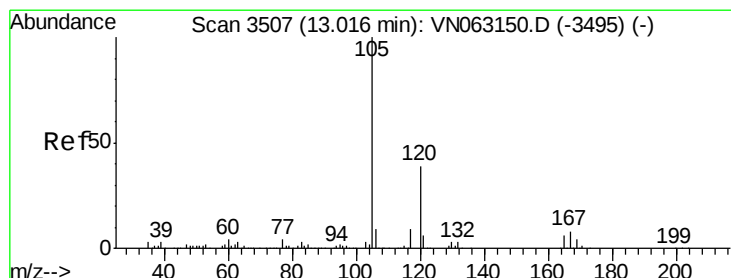
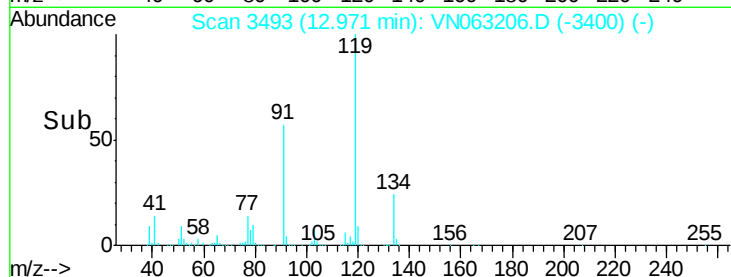
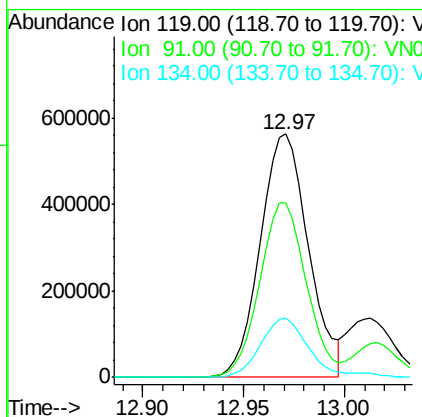
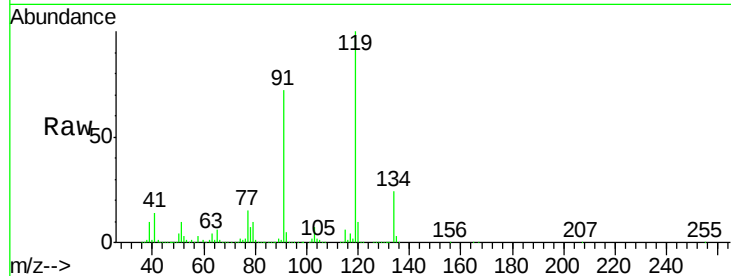
#83
 tert-Butylbenzene
 Concen: 49.369 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.3	33.7	101.0
134	24.8	12.0	36.0

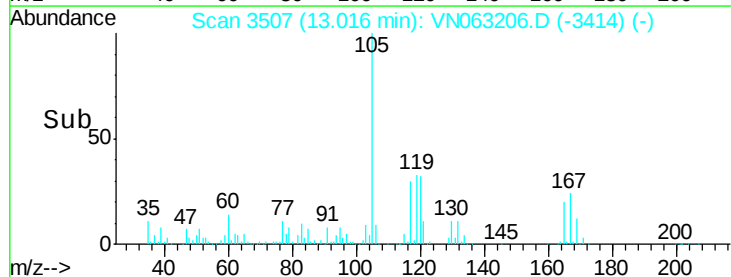
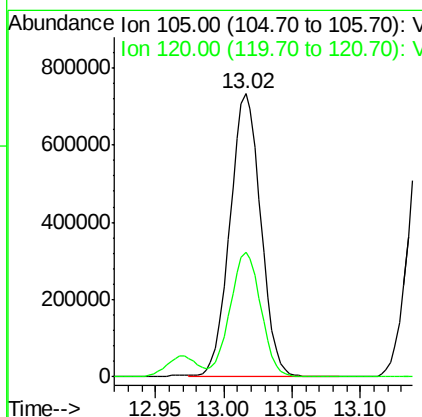
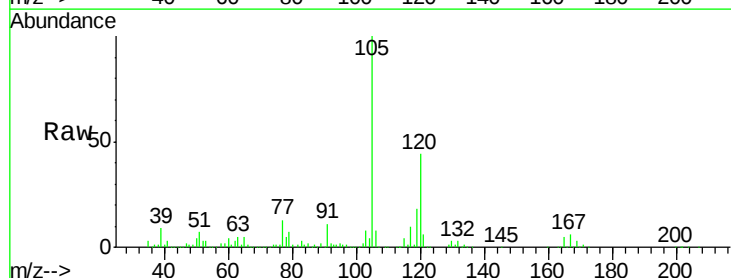
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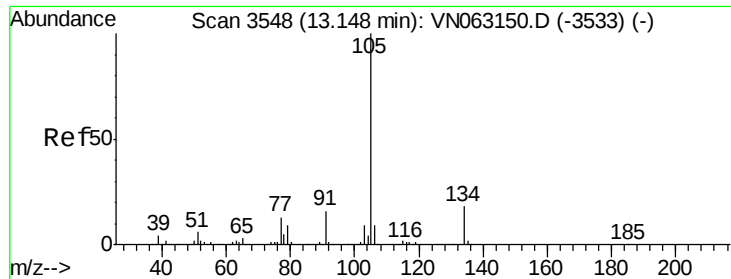
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 9/3/2020 9:29:17 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.420 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.6	67.7





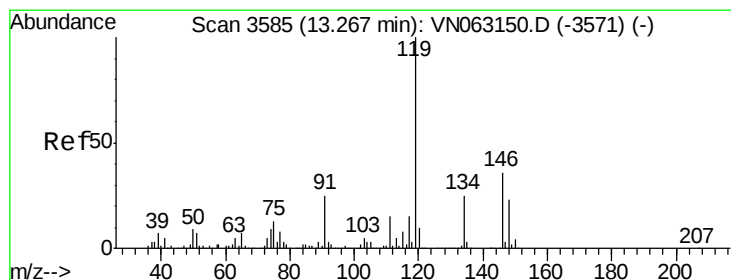
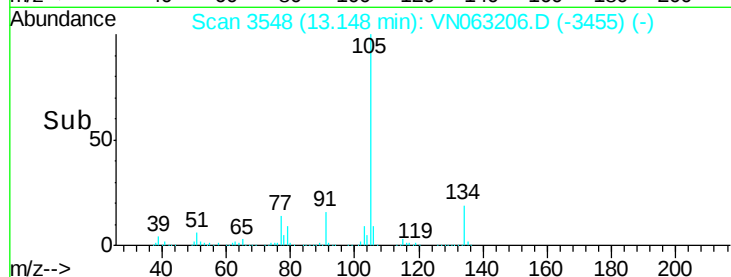
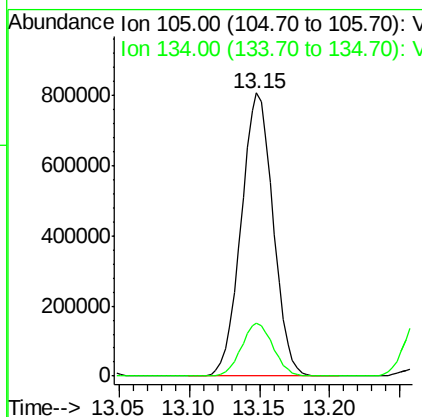
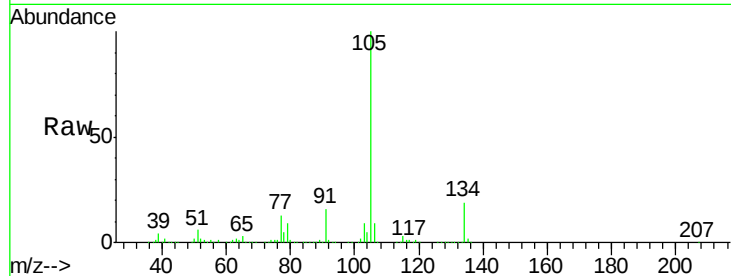
#85
 sec-Butylbenzene
 Concen: 51.661 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1277082
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3

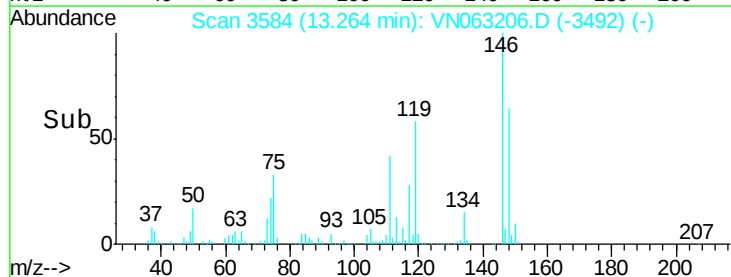
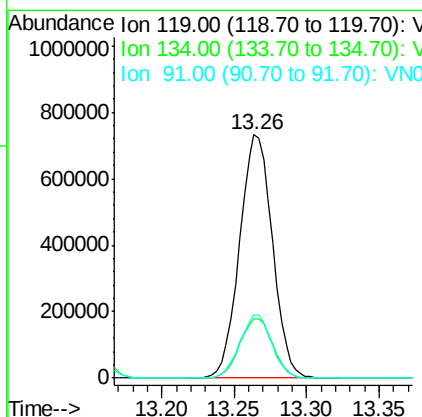
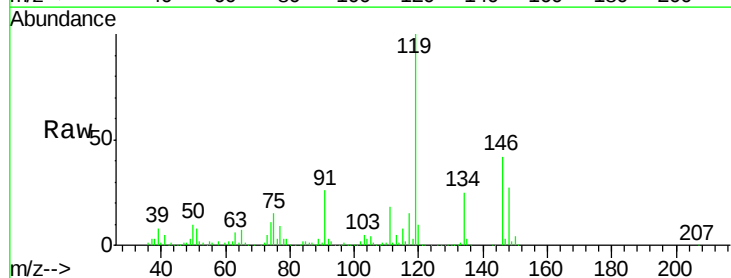
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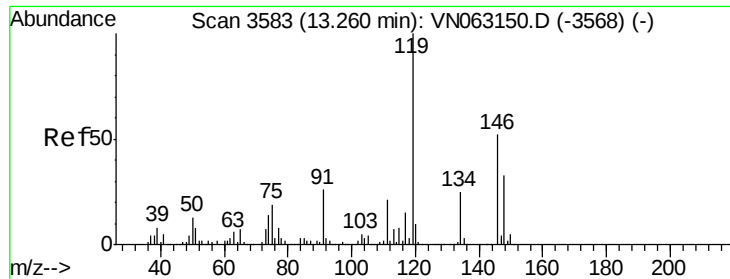
MMDadoda
 9/3/2020 9:29:17 AM



#86
 p-Isopropyltoluene
 Concen: 52.443 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion:119 Resp: 1150967
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.4 37.4
 91 25.3 12.2 36.6





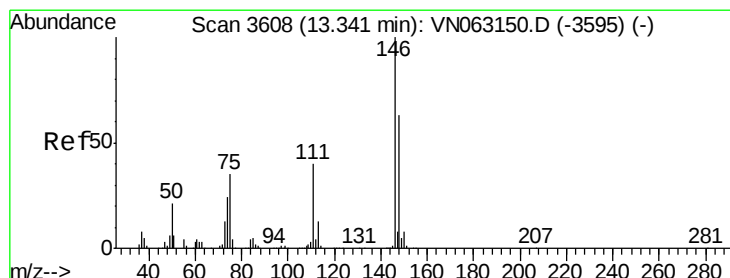
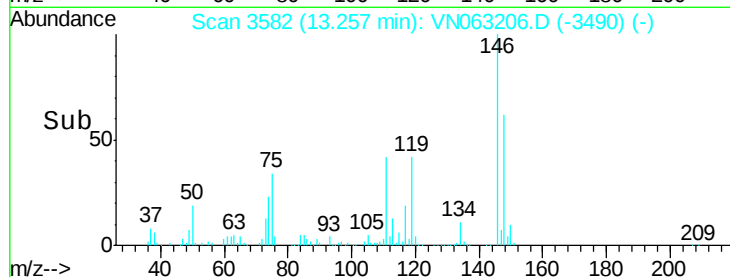
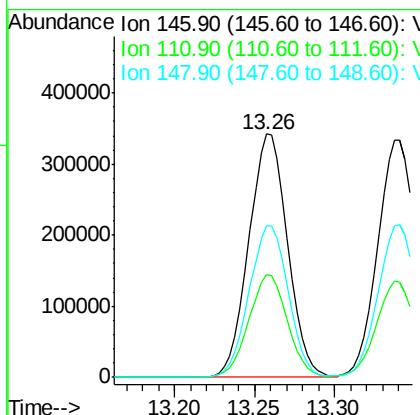
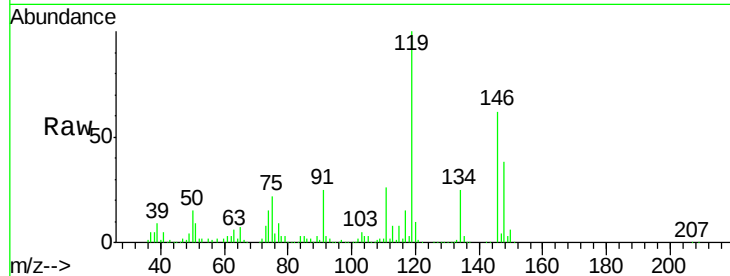
#87
 1,3-Dichlorobenzene
 Concen: 51.441 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	567870		
111	42.0	21.3	63.7	
148	63.2	31.9	95.9	

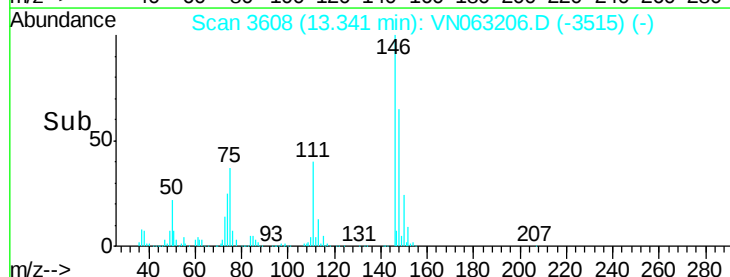
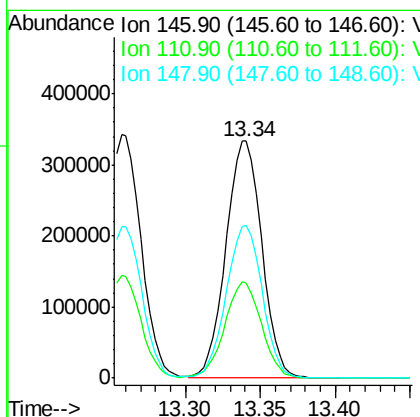
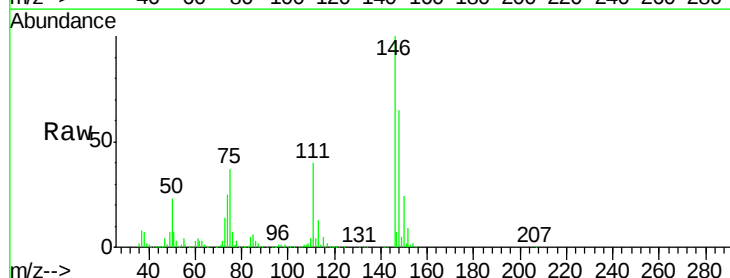
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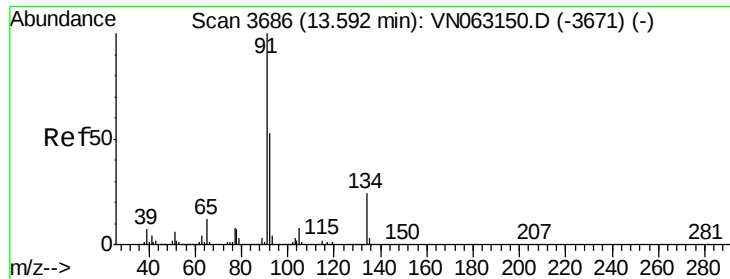
MMDadoda
 9/3/2020 9:29:17 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.764 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	557407		
111	41.4	20.5	61.5	
148	64.7	31.9	95.7	





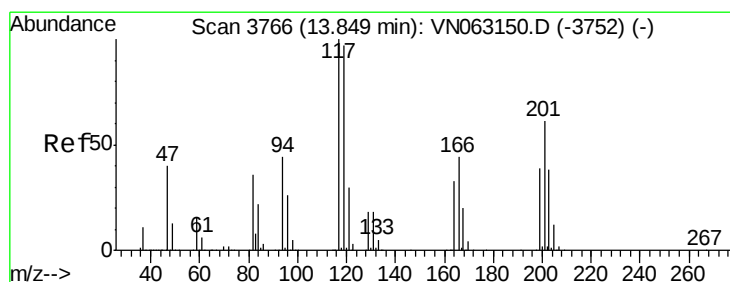
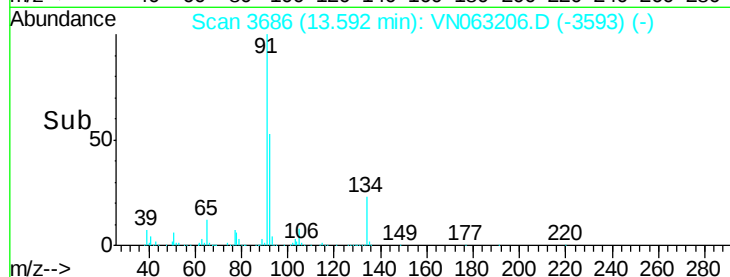
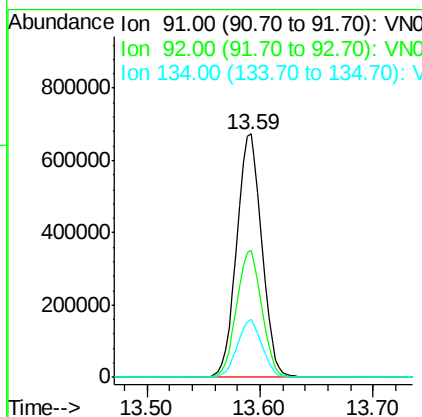
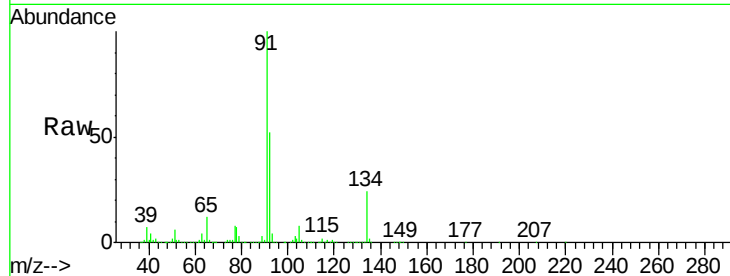
#89
n-Butylbenzene
Concen: 51.428 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1042733
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.8
134 23.4 12.0 36.0

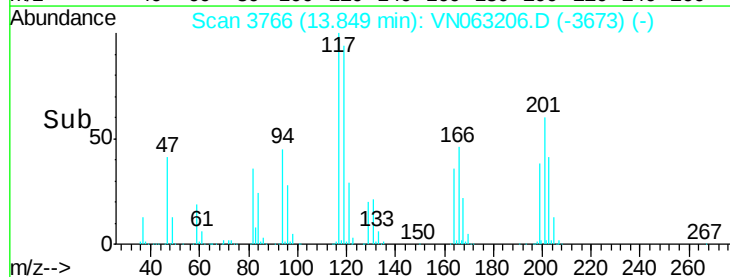
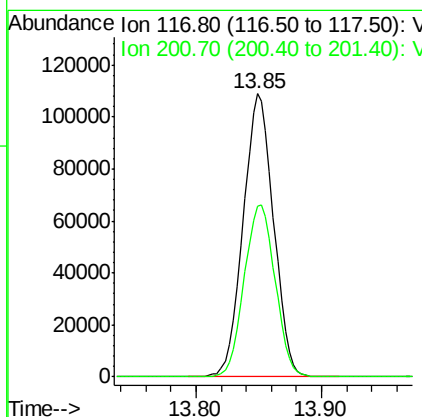
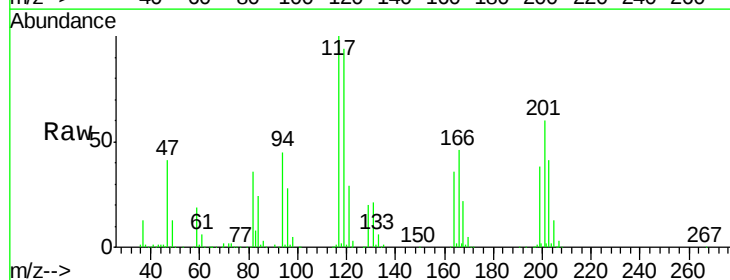
Manual Integrations
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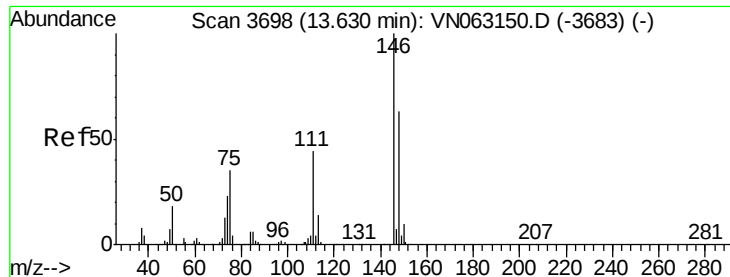
MMDadoda
9/3/2020 9:29:17 AM



#90
Hexachloroethane
Concen: 45.100 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 117 Resp: 183231
Ion Ratio Lower Upper
117 100
201 62.0 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 52.282 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

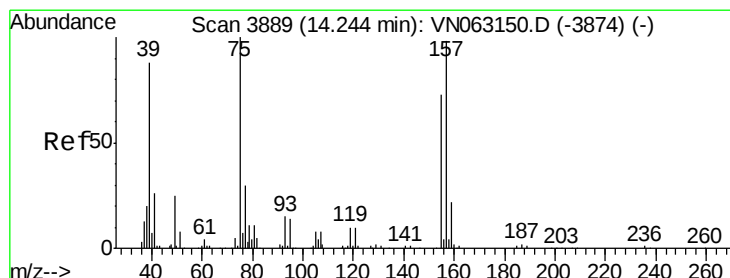
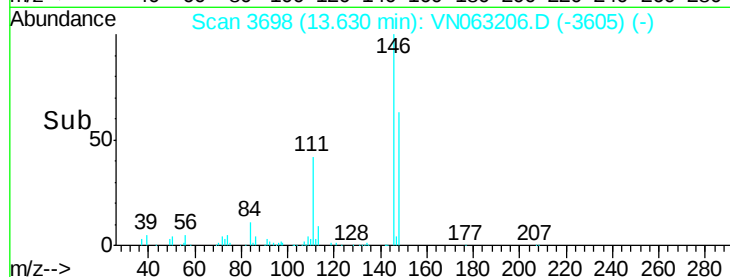
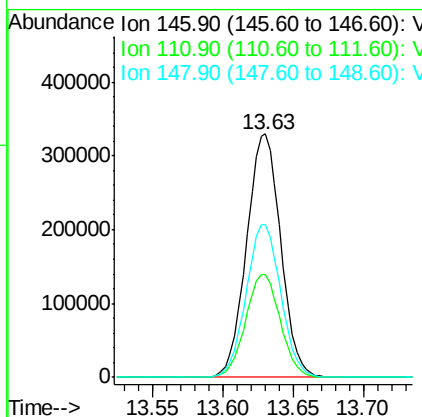
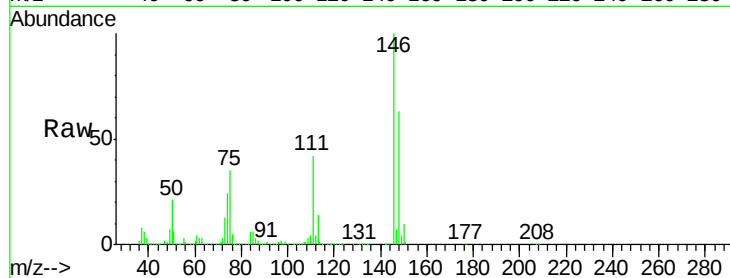
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	560082
Ion Ratio	Lower	Upper	
146	100		
111	42.9	22.0	66.0
148	63.8	31.6	95.0

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9/3/2020 9:29:17 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.347 ug/l

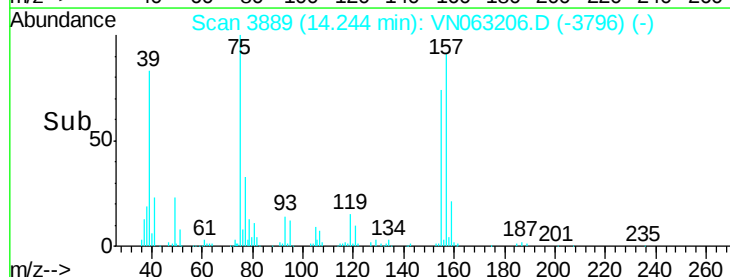
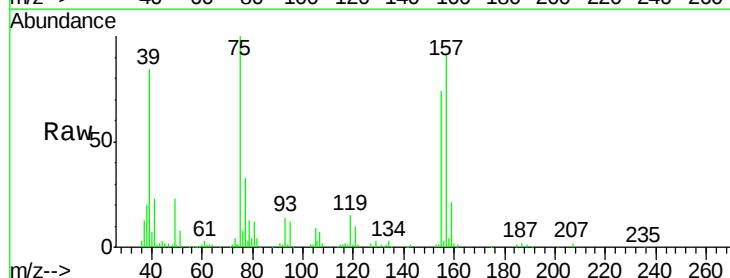
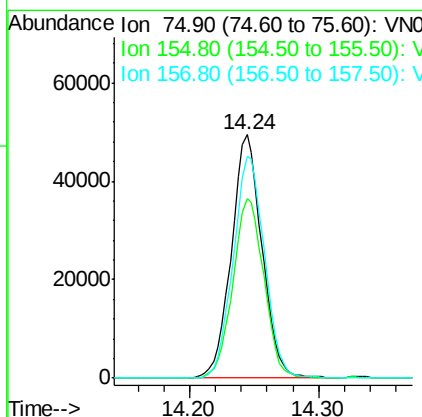
RT: 14.24 min Scan# 3889

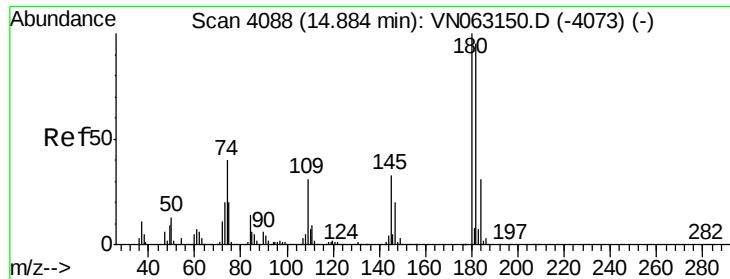
Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion:	75	Resp:	81424
Ion Ratio	Lower	Upper	
75	100		
155	74.6	36.1	108.5
157	93.2	48.4	145.0





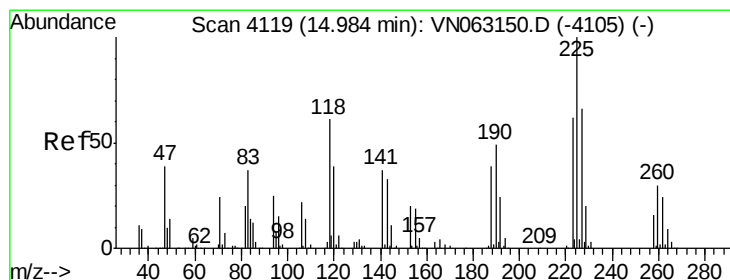
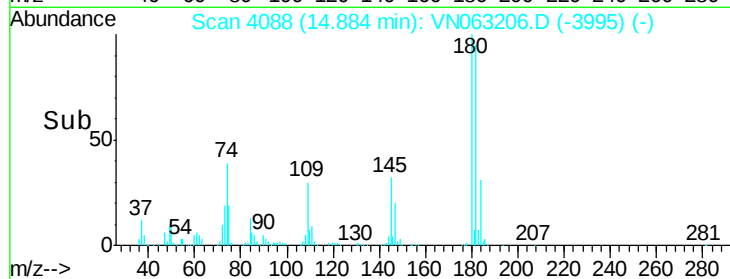
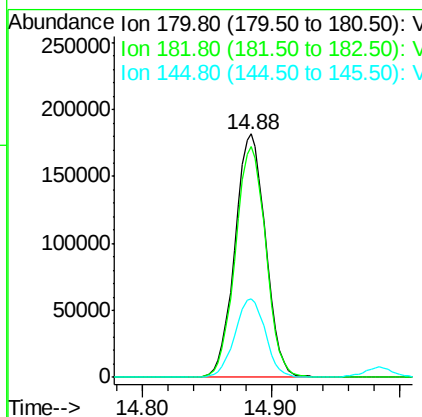
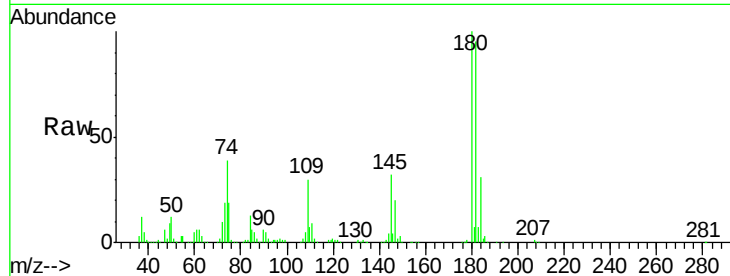
#93
 1,2,4-Trichlorobenzene
 Concen: 50.246 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	300726		
182	94.2		47.5	142.5
145	32.1		16.6	49.8

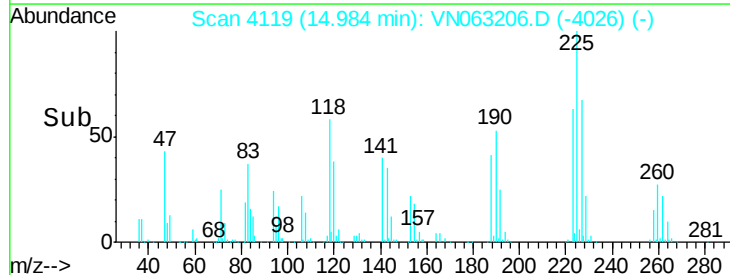
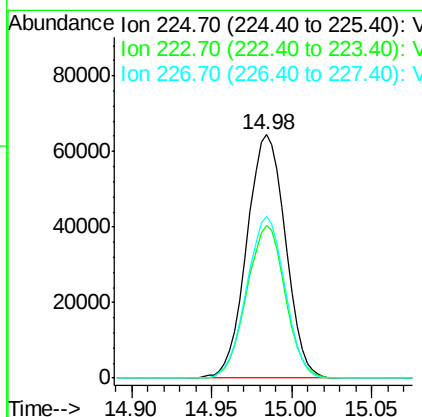
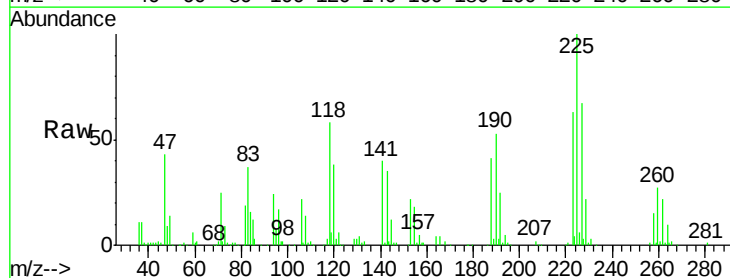
Manual Integrations
 APPROVED

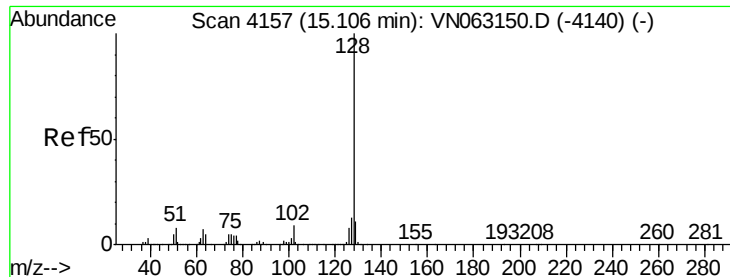
MMDadoda
 9/3/2020 9:29:17 AM



#94
 Hexachlorobutadiene
 Concen: 47.650 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106537		
223	62.6		30.9	92.7
227	65.8		32.9	98.7





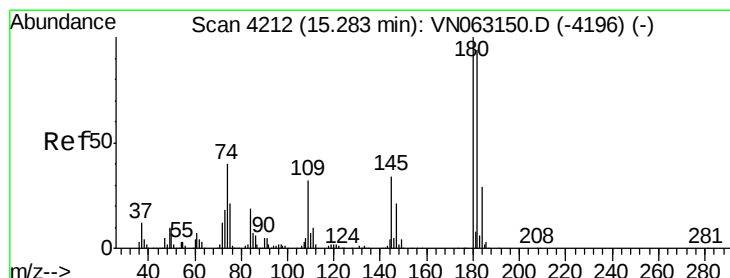
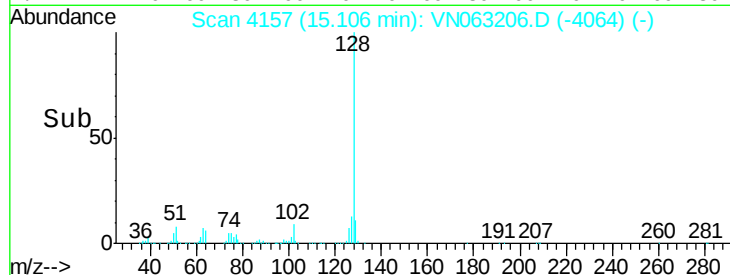
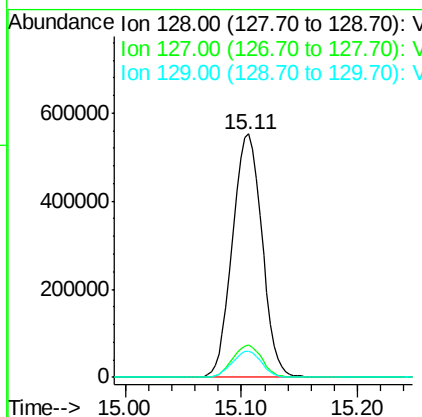
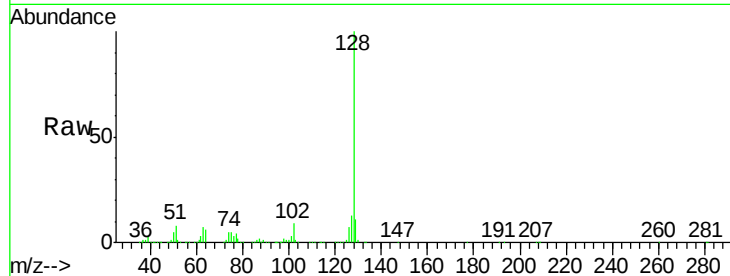
#95
Naphthalene
Concen: 48.905 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	976539		
127	13.1	10.5	15.7	
129	10.7	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
9/3/2020 9:29:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.951 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285435		
182	94.3	47.5	142.5	
145	34.5	17.3	52.0	

