

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063303.D
 Acq On : 10 Sep 2020 18:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:37 PM

Quant Time: Sep 11 06:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	446669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	793341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	716414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	339334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	362084	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.55	113	265544	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.06	98	1026576	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.38	95	378323	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	202828	47.281	ug/l	98
3) Chloromethane	2.04	50	301134	53.800	ug/l	99
4) Vinyl Chloride	2.16	62	306283	50.465	ug/l	97
5) Bromomethane	2.53	94	199222	47.049	ug/l	98
6) Chloroethane	2.67	64	198524	50.004	ug/l	97
7) Trichlorofluoromethane	2.99	101	456189	48.606	ug/l	97
8) Diethyl Ether	3.37	74	167661	50.099	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	241370	49.224	ug/l	99
10) Methyl Iodide	3.91	142	332664	52.336	ug/l	98
11) Tert butyl alcohol	4.73	59	237390	255.851	ug/l	99
12) 1,1-Dichloroethene	3.70	96	242370	49.516	ug/l	99
13) Acrolein	3.57	56	109454	220.760	ug/l	99
14) Allyl chloride	4.28	41	484848	48.253	ug/l	99
15) Acrylonitrile	4.93	53	657618	259.224	ug/l	100
16) Acetone	3.77	43	577602	238.357	ug/l	98
17) Carbon Disulfide	4.01	76	693017	50.023	ug/l	100
18) Methyl Acetate	4.28	43	311070	51.065	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	894395	51.137	ug/l	99
20) Methylene Chloride	4.51	84	295627	53.678	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	270193	49.327	ug/l	99
22) Diisopropyl ether	5.90	45	1014771	51.318	ug/l	95
23) Vinyl Acetate	5.84	43	4182229	268.699	ug/l	100
24) 1,1-Dichloroethane	5.80	63	544202	50.819	ug/l	99
25) 2-Butanone	6.78	43	925815	258.636	ug/l	99
26) 2,2-Dichloropropane	6.78	77	436452	46.501	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	319303	50.018	ug/l	96
28) Bromochloromethane	7.15	49	254289	48.971	ug/l	99
29) Tetrahydrofuran	7.17	42	608160	260.921	ug/l	99
30) Chloroform	7.33	83	542806	50.626	ug/l	98
31) Cyclohexane	7.62	56	477251	48.487	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	469248	50.205	ug/l	99
36) 1,1-Dichloropropene	7.76	75	409078	50.165	ug/l	100
37) Ethyl Acetate	6.88	43	404575	50.429	ug/l	99
38) Carbon Tetrachloride	7.73	117	408037	50.841	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	436958	49.117	ug/l	98
40) Benzene	8.00	78	1183216	50.801	ug/l	100
41) Methacrylonitrile	7.12	41	189713	52.279	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	453283	51.295	ug/l	100
43) Isopropyl Acetate	8.13	43	707722	52.091	ug/l #	92
44) Trichloroethene	8.80	130	312429	51.293	ug/l	99
45) 1,2-Dichloropropane	9.09	63	325605	50.966	ug/l	99
46) Dibromomethane	9.18	93	210569	50.828	ug/l	99
47) Bromodichloromethane	9.37	83	435062	50.393	ug/l	97
48) Methyl methacrylate	9.17	41	333505	51.446	ug/l	99
49) 1,4-Dioxane	9.17	88	98070	977.074	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	2033055	271.531	ug/l	100
52) Toluene	10.13	92	729450	51.296	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	482469	51.247	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	511507	50.461	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	280678	50.370	ug/l	95
56) Ethyl methacrylate	10.40	69	452781	53.434	ug/l	98
57) 1,3-Dichloropropane	10.68	76	502289	51.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1117789	245.924	ug/l	100
59) 2-Hexanone	10.72	43	1462945	264.930	ug/l	100
60) Dibromochloromethane	10.87	129	317725	51.924	ug/l	99
61) 1,2-Dibromoethane	10.98	107	294862	50.758	ug/l	100
64) Tetrachloroethene	10.60	164	305690	52.087	ug/l	99
65) Chlorobenzene	11.41	112	770636	49.966	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	281832	50.154	ug/l	98
67) Ethyl Benzene	11.49	91	1432378	51.732	ug/l	98
68) m/p-Xylenes	11.60	106	1051870	102.702	ug/l	98
69) o-Xylene	11.92	106	507828	51.666	ug/l	100
70) Styrene	11.94	104	854755	52.323	ug/l	99
71) Bromoform	12.10	173	201857	51.936	ug/l #	99
73) Isopropylbenzene	12.23	105	1362054	49.763	ug/l	100
74) N-amyl acetate	12.05	43	622892	55.432	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	380648	48.560	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	349396m	46.672	ug/l	
77) Bromobenzene	12.50	156	309411	49.180	ug/l	99
78) n-propylbenzene	12.57	91	1594519	51.281	ug/l	100
79) 2-Chlorotoluene	12.65	91	948132	49.593	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1148122	50.518	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	138919	49.858	ug/l	98
82) 4-Chlorotoluene	12.75	91	990020	49.400	ug/l	99
83) tert-Butylbenzene	12.97	119	947495	49.157	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1161836	50.718	ug/l	100
85) sec-Butylbenzene	13.15	105	1256104	51.223	ug/l	99
86) p-Isopropyltoluene	13.26	119	1146521	50.999	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	566509	49.254	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	569763	51.840	ug/l	99
89) n-Butylbenzene	13.59	91	1046065	51.545	ug/l	99
90) Hexachloroethane	13.85	117	194314	52.546	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	562215	49.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	90238	50.623	ug/l	97

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VSTDCCC050EC

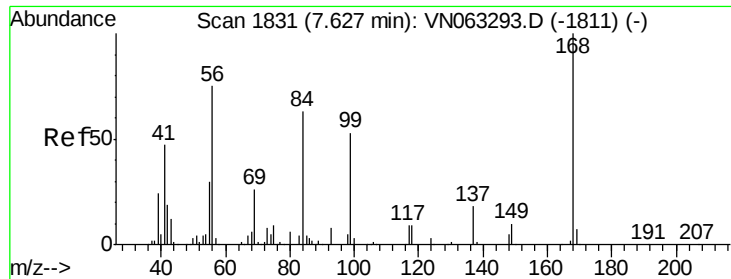
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	327539	49.224	ug/l	100
94) Hexachlorobutadiene	14.98	225	123771	51.644	ug/l	99
95) Naphthalene	15.11	128	1037137	51.873	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	311690	52.235	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: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 446669

Ion Ratio Lower Upper

168 100

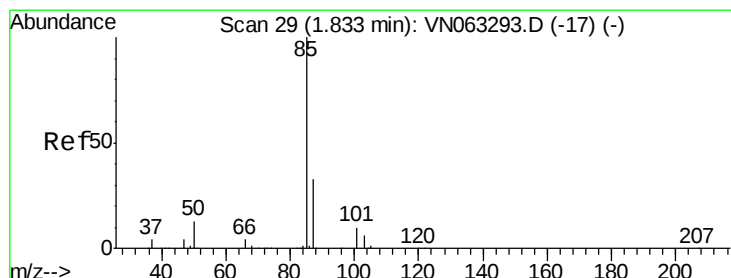
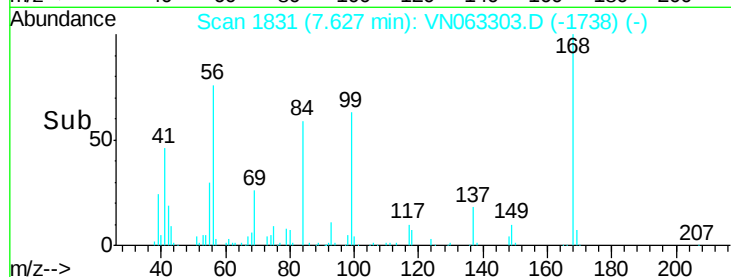
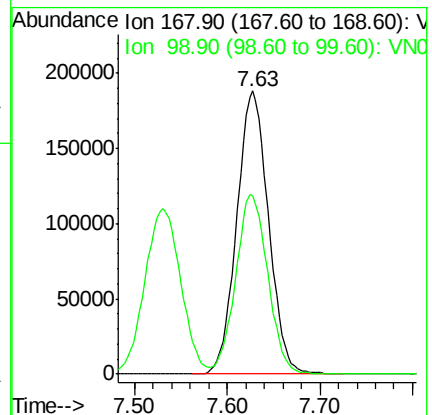
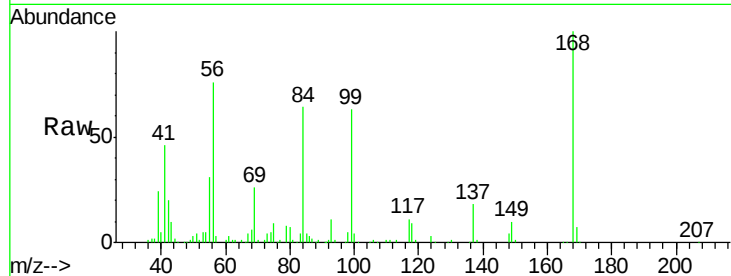
99 63.1 51.1 76.7

Manual Integrations

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9/11/2020 2:02:37 PM



#2

Dichlorodifluoromethane

Concen: 47.281 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063303.D

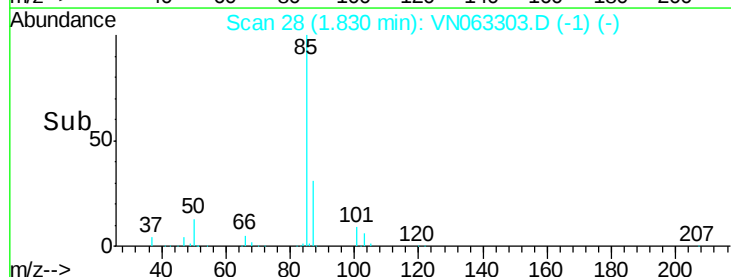
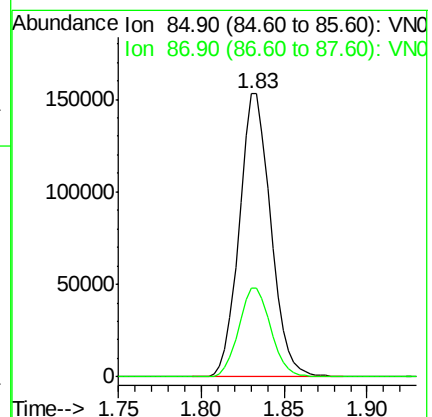
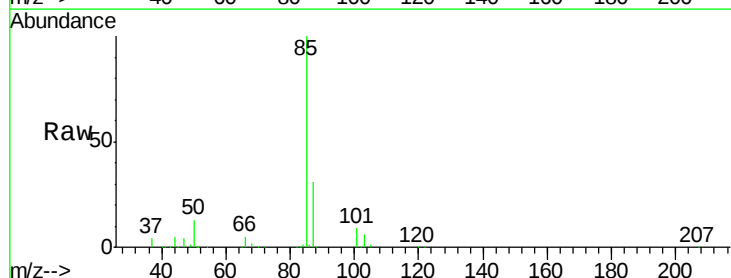
Acq: 10 Sep 2020 18:58

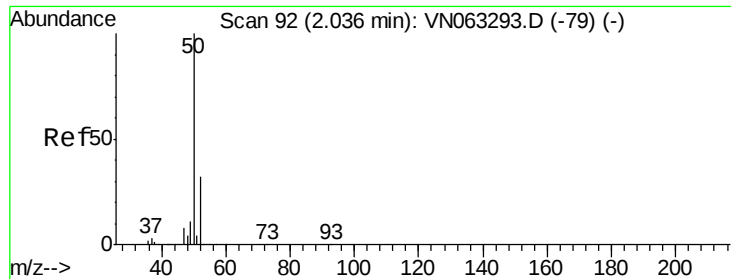
Tgt Ion: 85 Resp: 202828

Ion Ratio Lower Upper

85 100

87 31.2 16.3 48.9





#3

Chloromethane

Concen: 53.800 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 301134

Ion Ratio Lower Upper

50 100

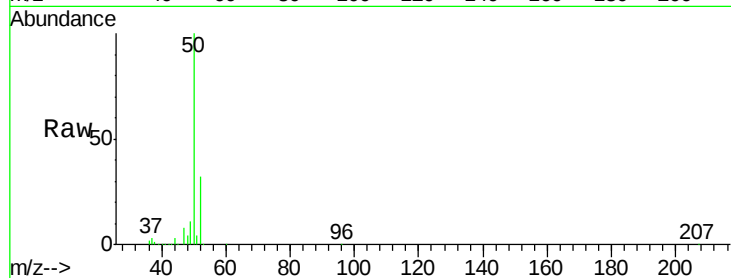
52 31.5 25.4 38.2

Manual Integrations

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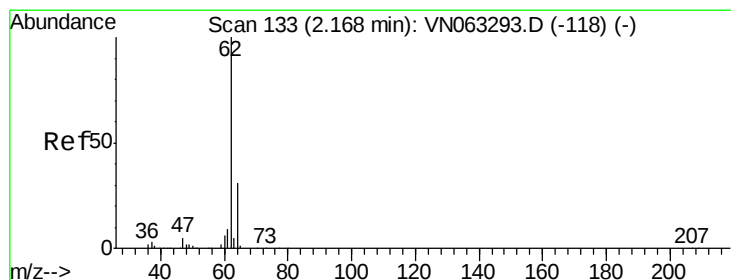
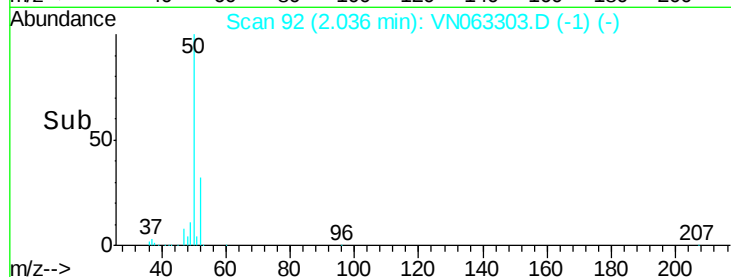
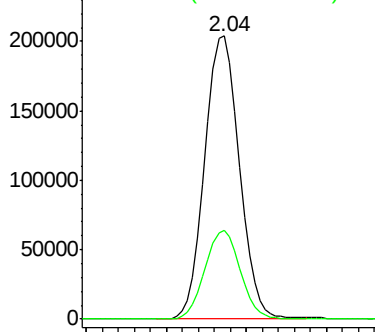
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 50.465 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063303.D

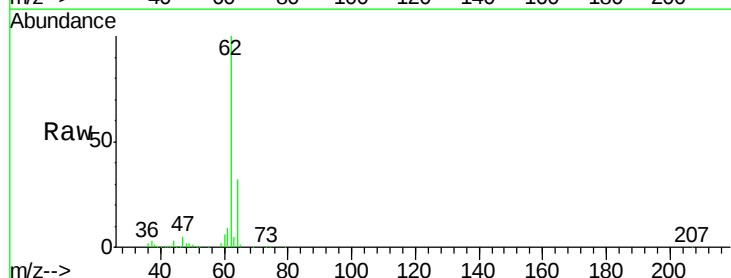
Acq: 10 Sep 2020 18:58

Tgt Ion: 62 Resp: 306283

Ion Ratio Lower Upper

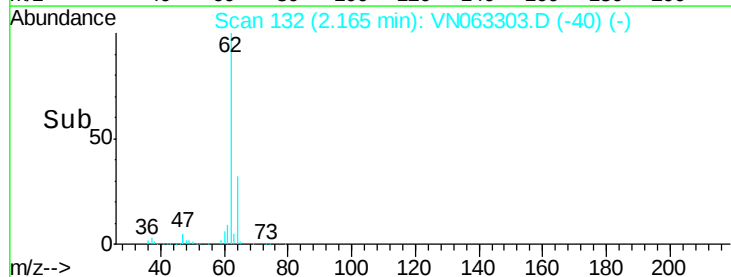
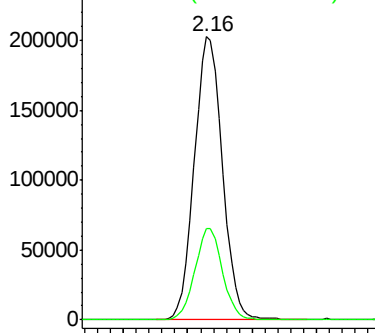
62 100

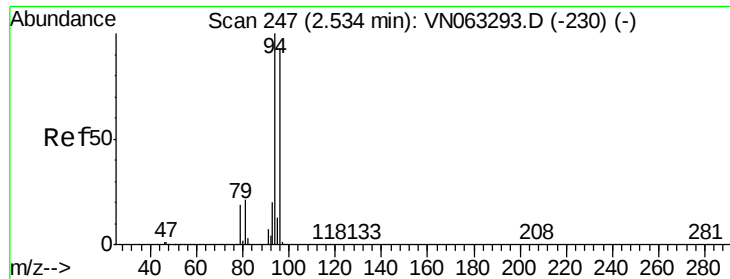
64 32.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 47.049 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 199222

Ion Ratio Lower Upper

94 100

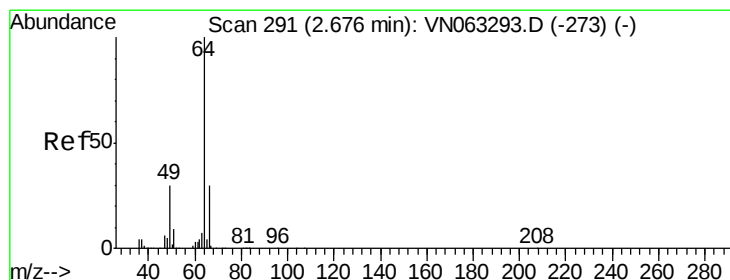
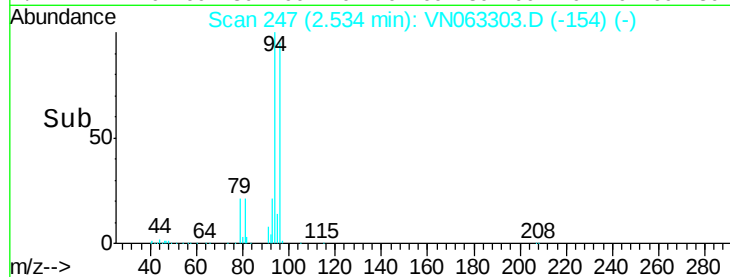
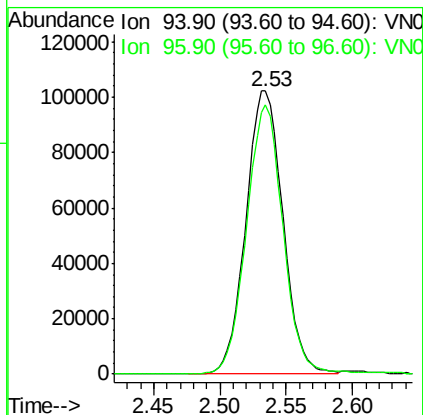
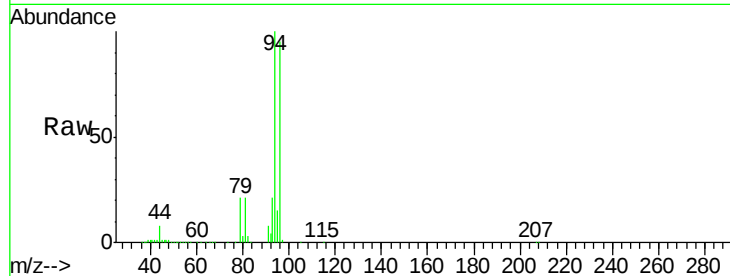
96 94.9 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 50.004 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063303.D

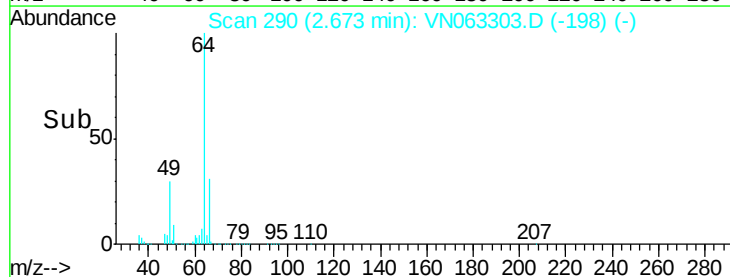
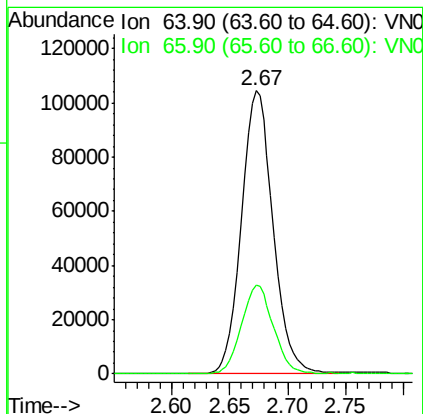
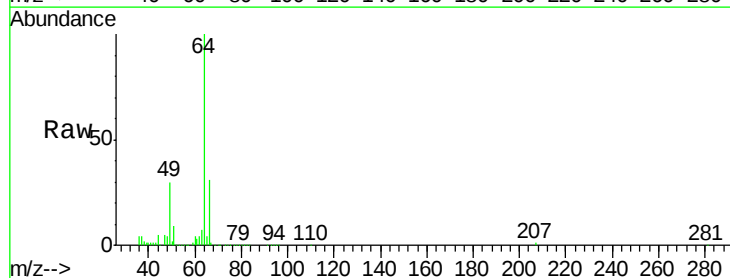
Acq: 10 Sep 2020 18:58

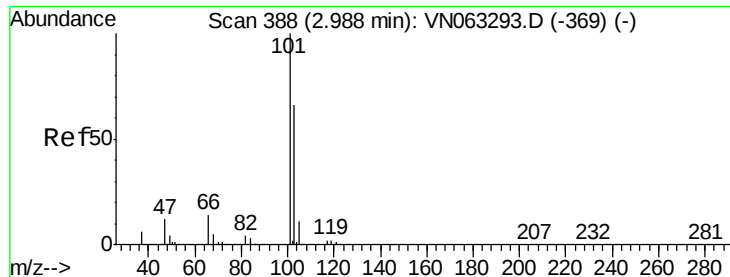
Tgt Ion: 64 Resp: 198524

Ion Ratio Lower Upper

64 100

66 31.3 23.8 35.6





#7

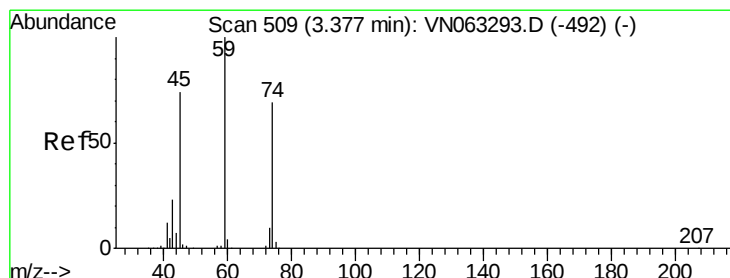
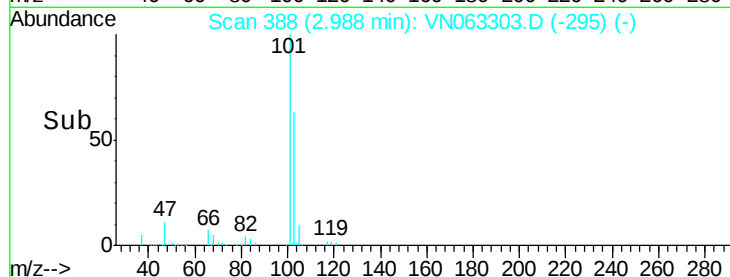
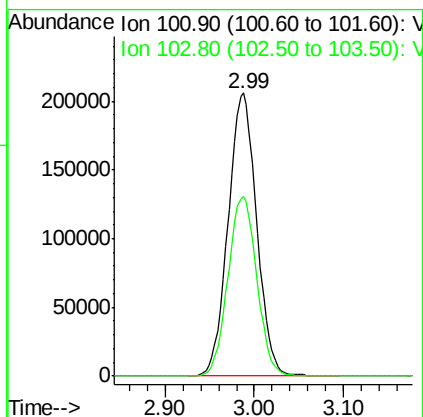
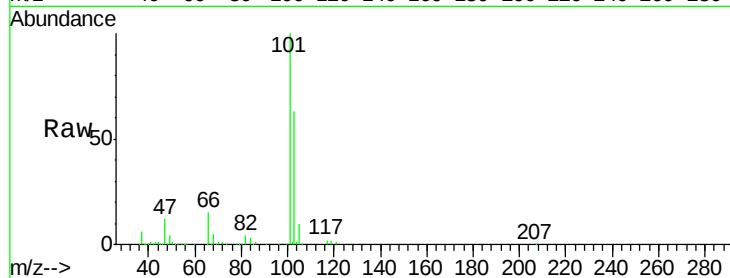
Trichlorofluoromethane
Concen: 48.606 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.4	78.6

Manual Integrations
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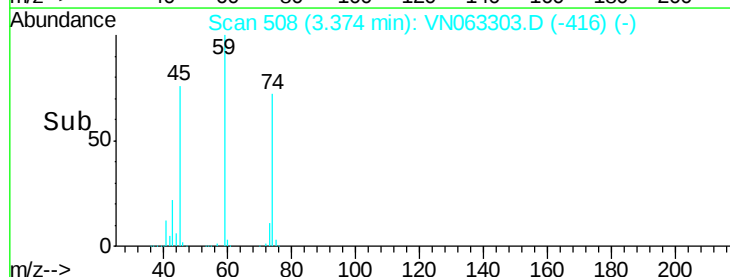
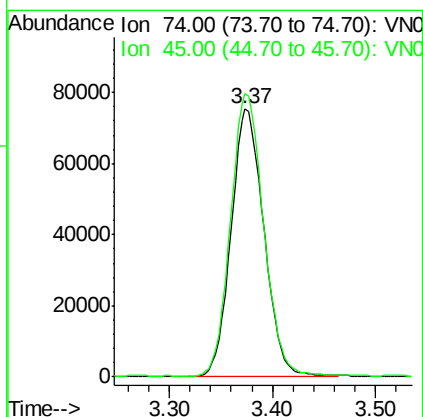
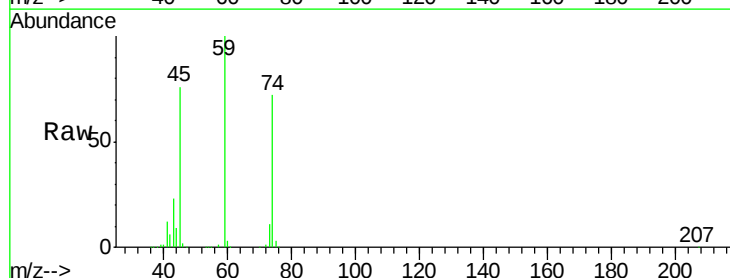
MMDadoda
9/11/2020 2:02:37 PM

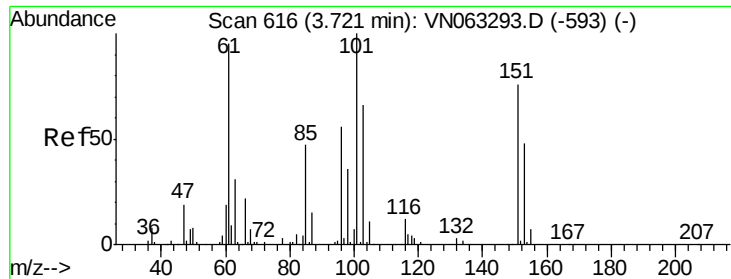


#8

Diethyl Ether
Concen: 50.099 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.224 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

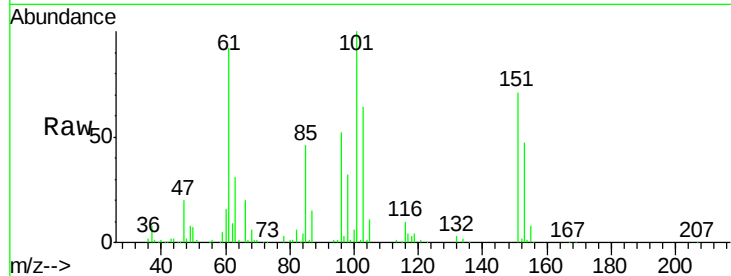
ClientSampleId :

VSTDCCC050EC

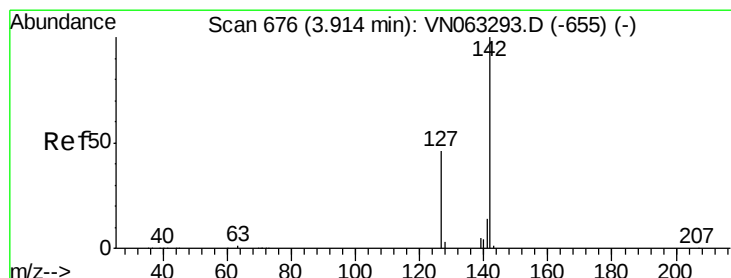
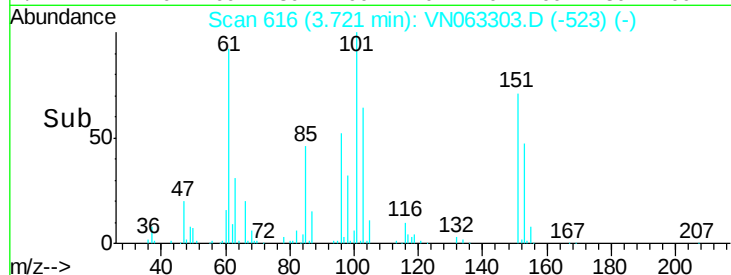
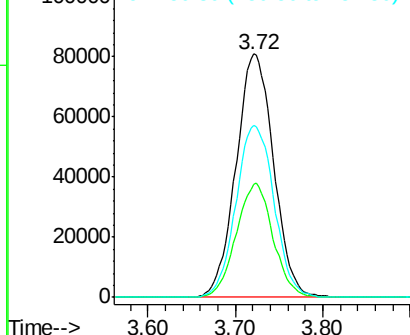
Tot Ion:	101	Resp:	241370
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.9	55.3
151	71.7	57.8	86.8

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.336 ug/l

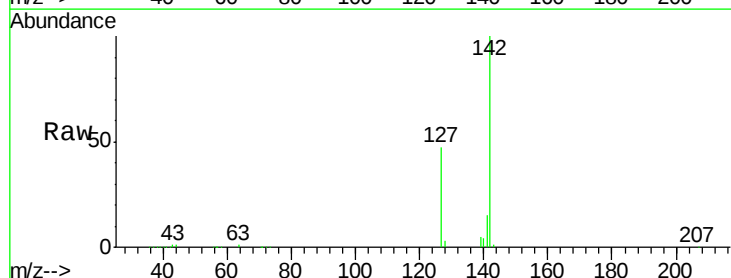
RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

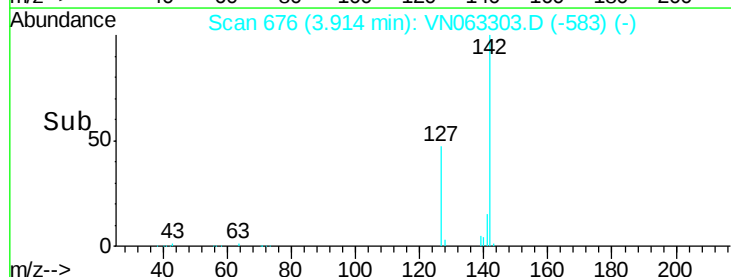
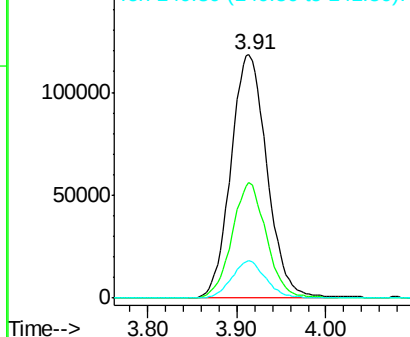
Lab File: VN063303.D

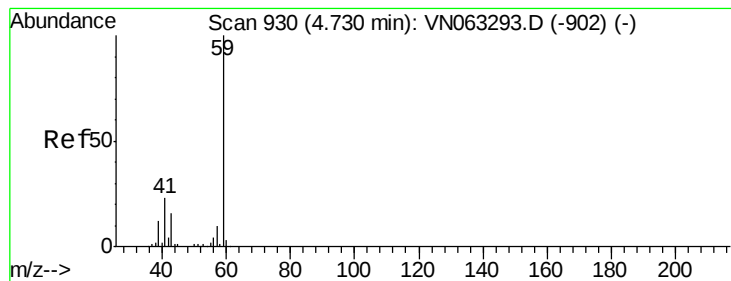
Acq: 10 Sep 2020 18:58

Tgt Ion:	142	Resp:	332664
Ion Ratio	Lower	Upper	
142	100		
127	45.1	37.1	55.7
141	14.5	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

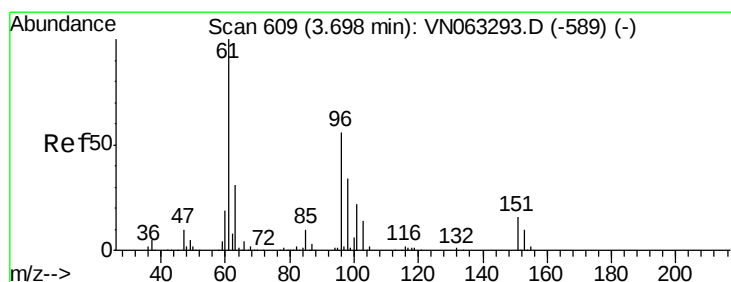
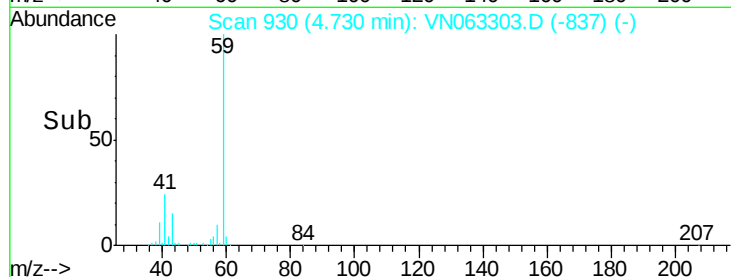
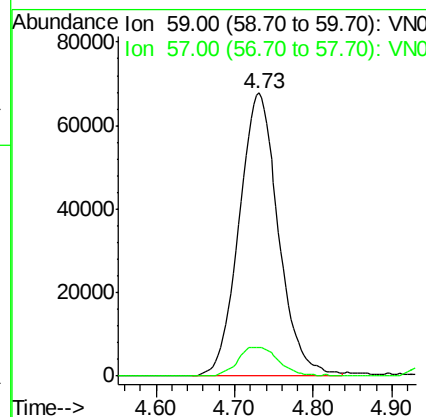
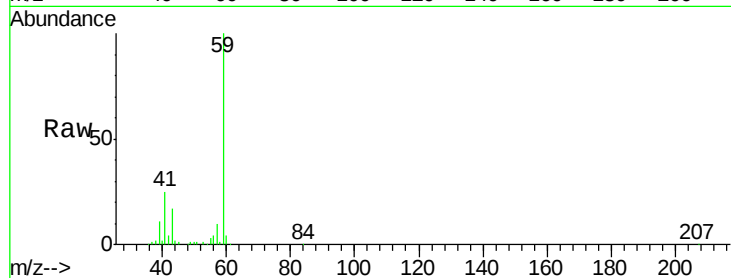
Tert butyl alcohol
Concen: 255.851 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Ratio	100	Resp	237390
Ion	59	100		Lower	Upper
	57	10.7		8.3	12.5

Manual Integrations
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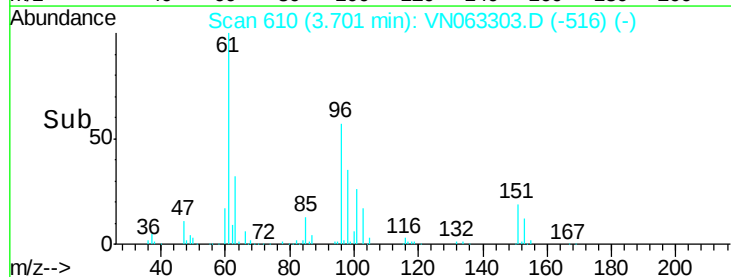
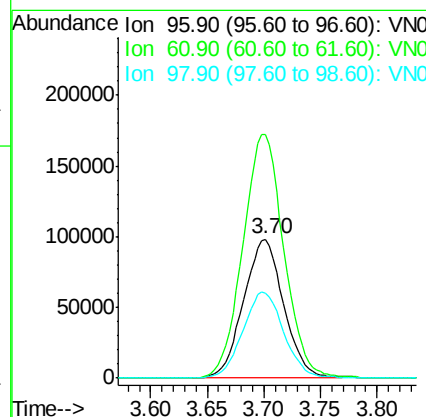
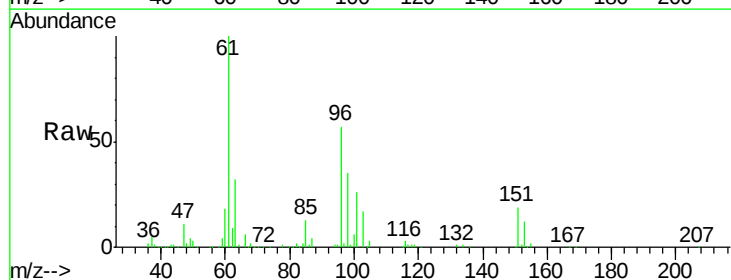
MMDadoda
9/11/2020 2:02:37 PM

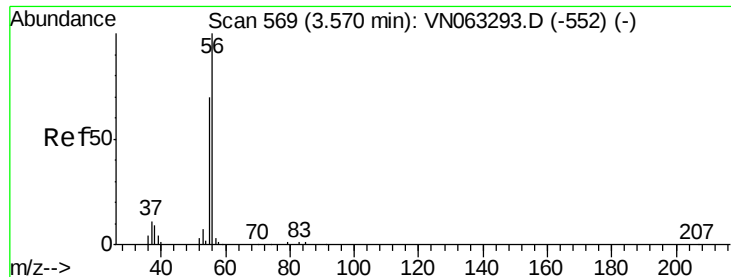


#12

1,1-Dichloroethene
Concen: 49.516 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	96	Ratio	100	Resp	242370
Ion	96	100		Lower	Upper
	61	175.4		142.1	213.1
	98	61.5		48.8	73.2





#13

Acrolein

Concen: 220.760 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 109454

Ion Ratio Lower Upper

56 100

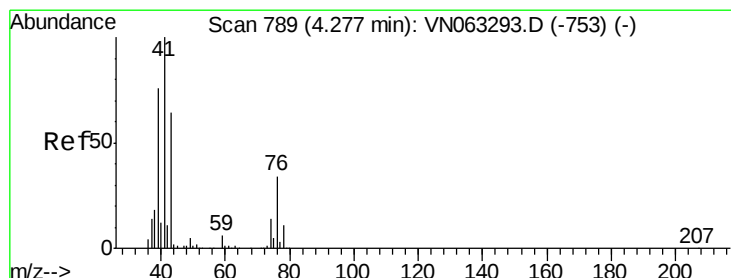
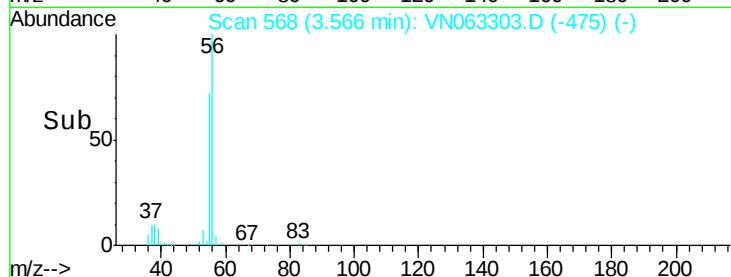
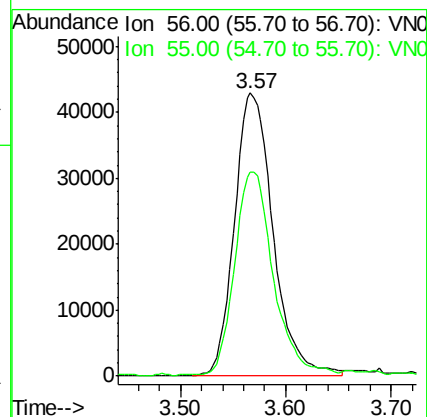
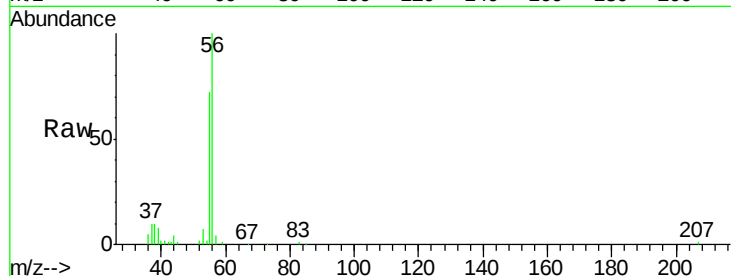
55 70.8 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 48.253 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

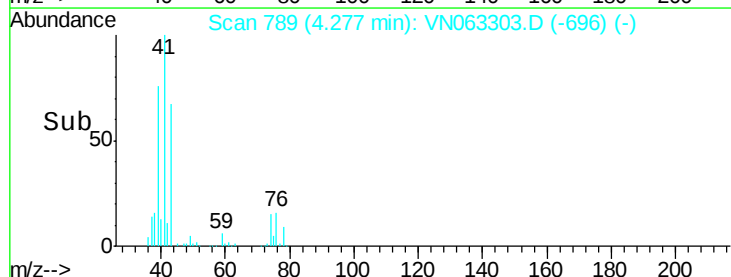
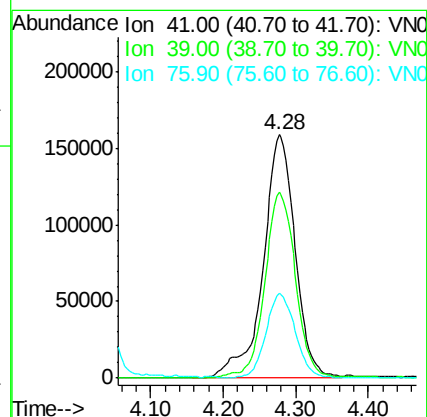
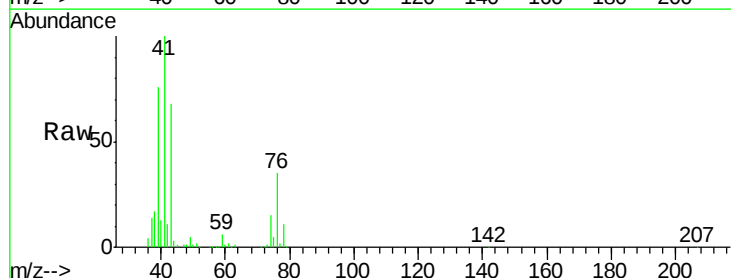
Tgt Ion: 41 Resp: 484848

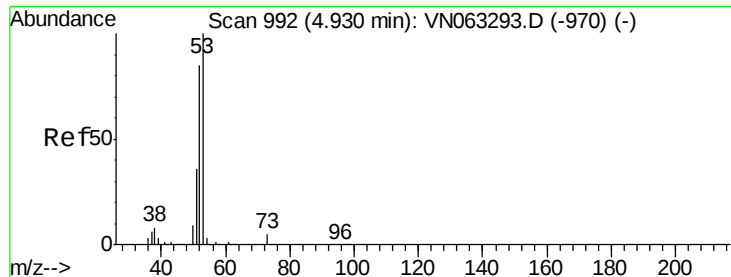
Ion Ratio Lower Upper

41 100

39 73.0 57.4 86.2

76 31.5 25.7 38.5





#15

Acrylonitrile

Concen: 259.224 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

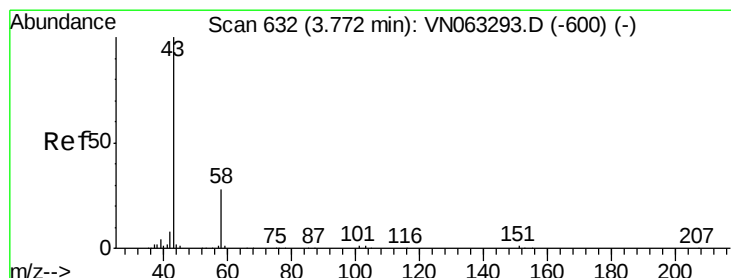
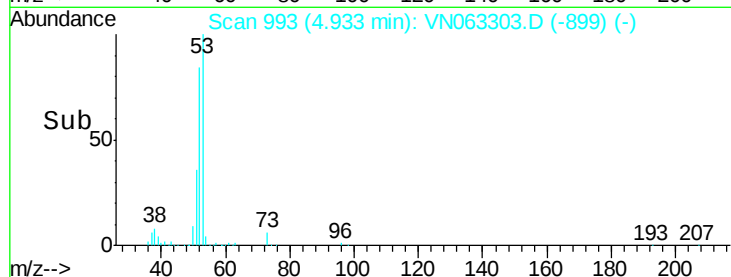
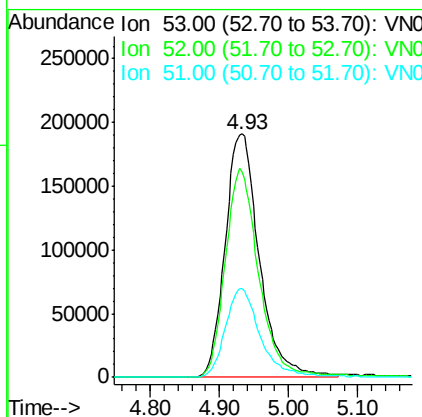
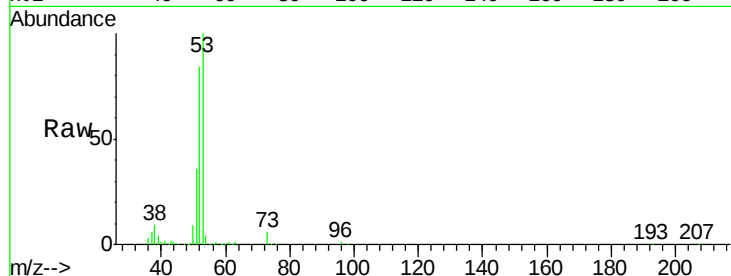
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	657618
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.5	99.7
51	37.1	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 238.357 ug/l

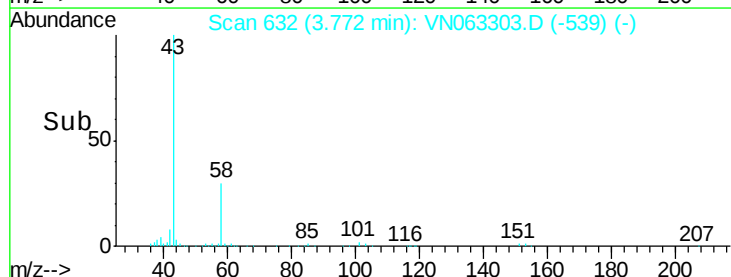
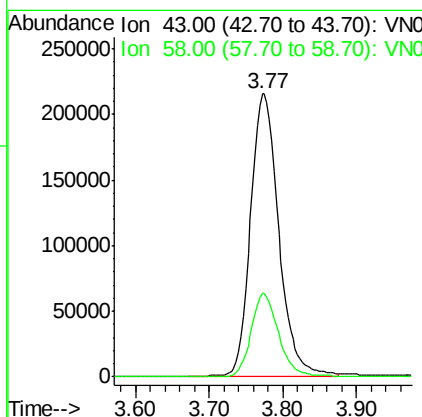
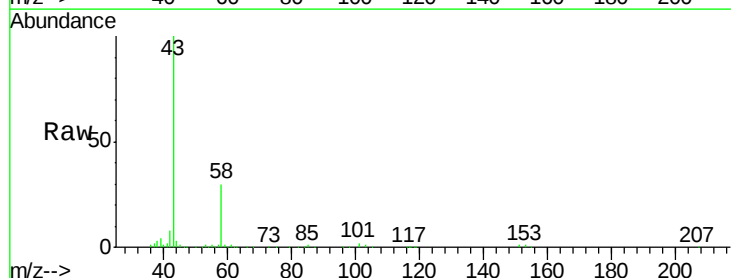
RT: 3.77 min Scan# 632

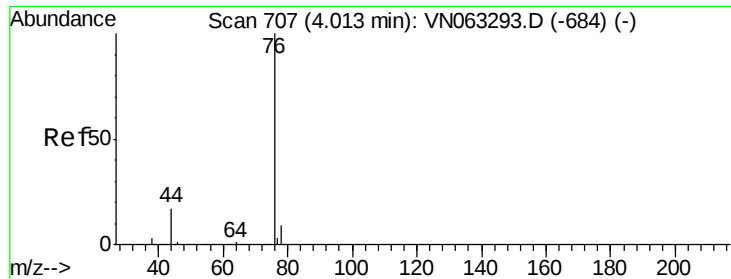
Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Tgt Ion:	43	Resp:	577602
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.6	34.0





#17

Carbon Disulfide

Concen: 50.023 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 693017

Ion Ratio Lower Upper

76 100

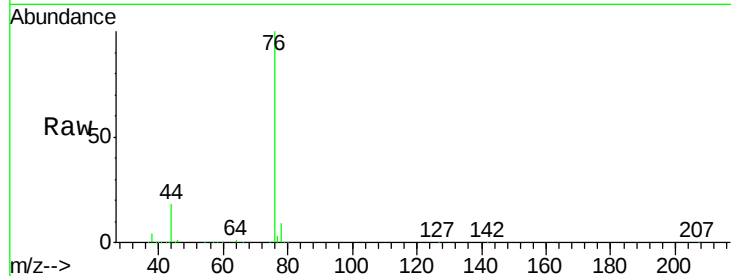
78 9.2 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN063303.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063303.D (-614) (-)

4.01

250000

200000

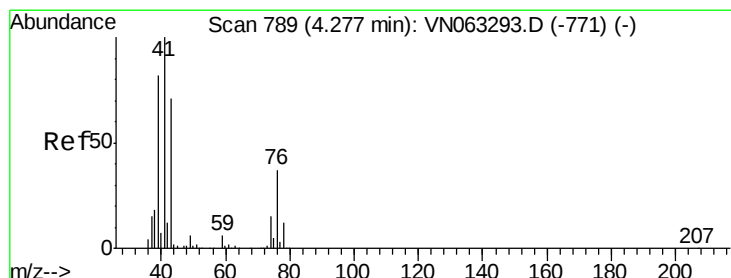
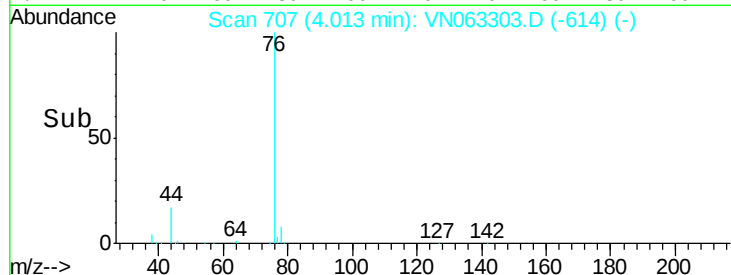
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.065 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063303.D

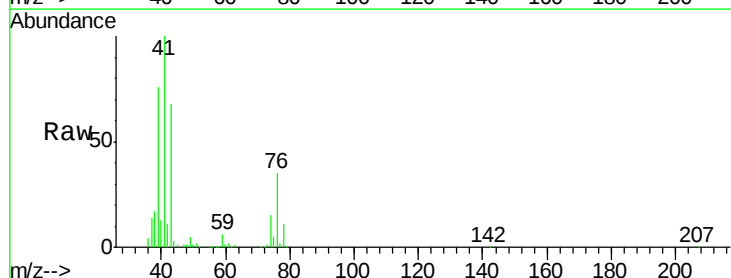
Acq: 10 Sep 2020 18:58

Tgt Ion: 43 Resp: 311070

Ion Ratio Lower Upper

43 100

74 21.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN063303.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063303.D (-696) (-)

4.28

120000

100000

80000

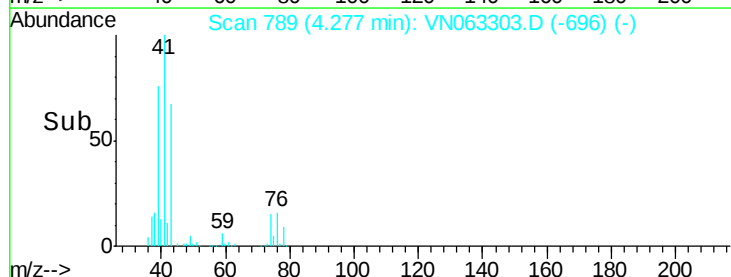
60000

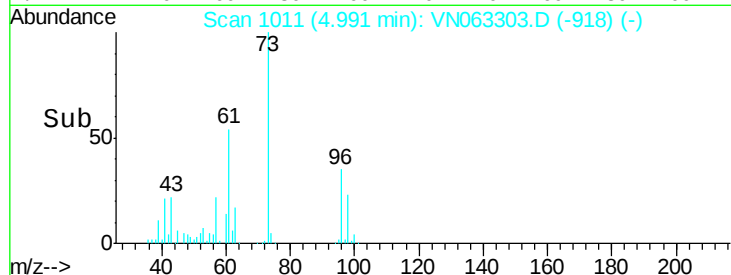
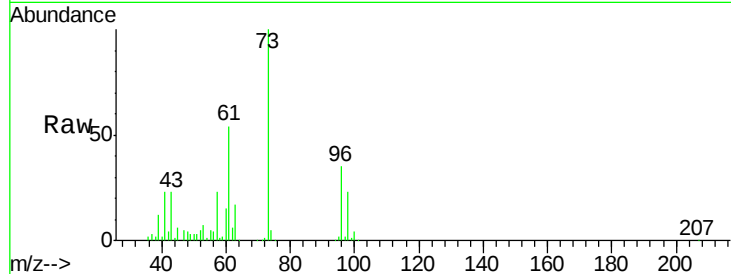
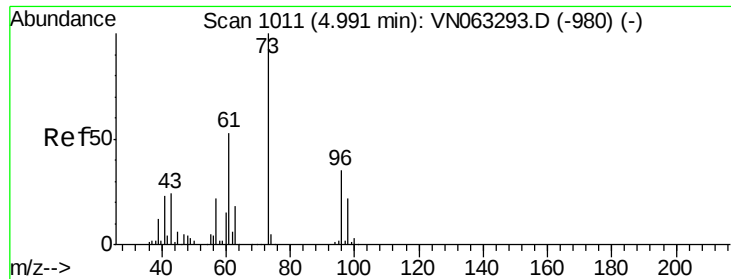
40000

20000

0

Time-->





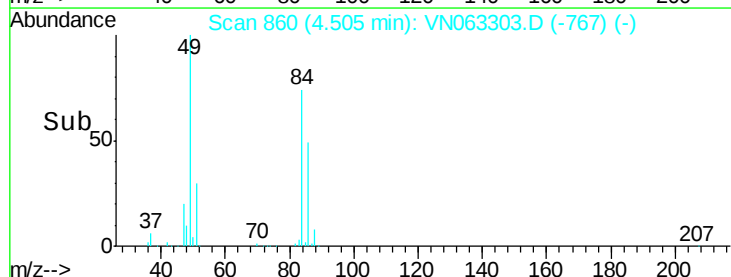
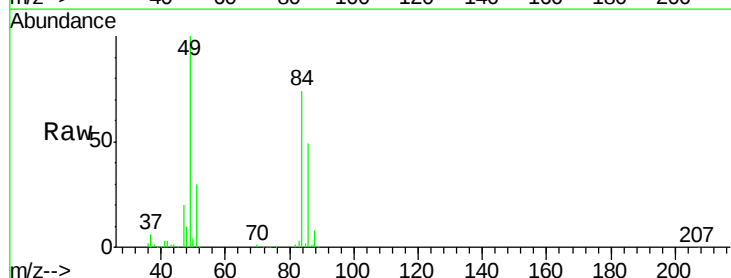
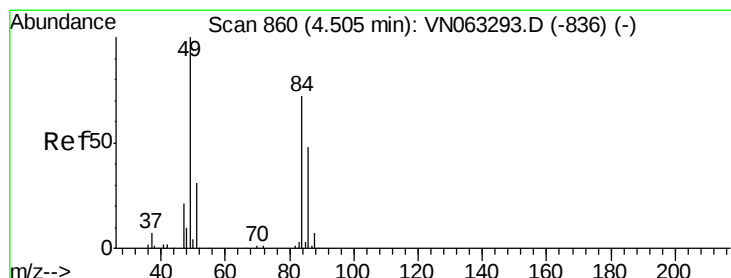
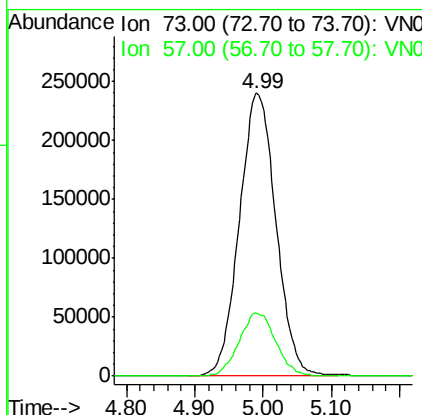
#19
Methyl tert-butyl Ether
Concen: 51.137 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tot Ion: 73 Resp: 894395
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

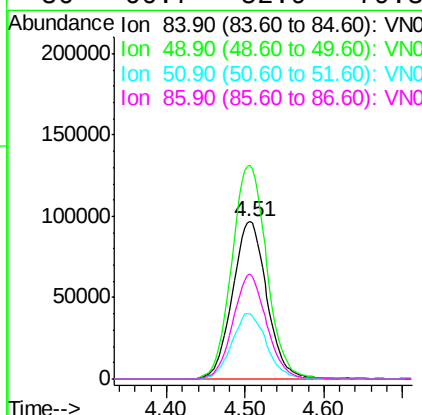
Manual Integrations
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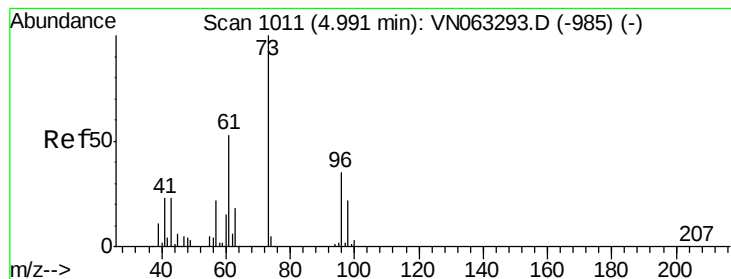
MMDadoda
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#20
Methylene Chloride
Concen: 53.678 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 84 Resp: 295627
Ion Ratio Lower Upper
84 100
49 135.8 111.1 166.7
51 41.4 34.3 51.5
86 66.7 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 49.327 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 270193

Ion Ratio Lower Upper

96 100

61 153.5 121.8 182.8

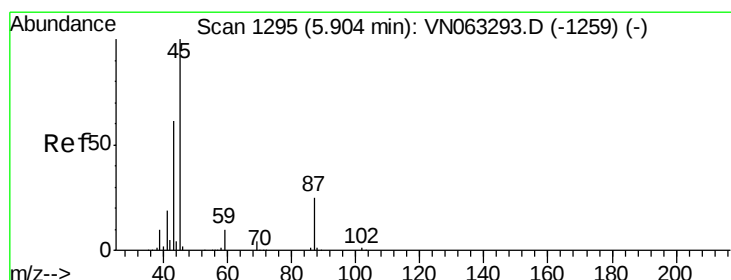
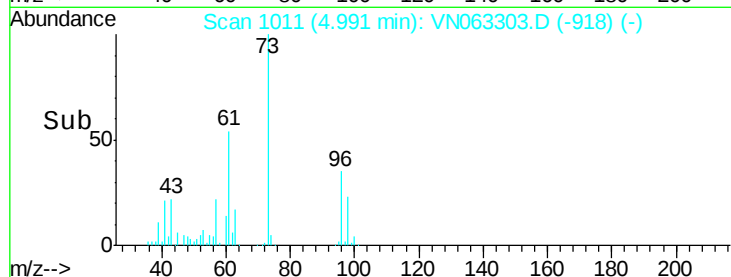
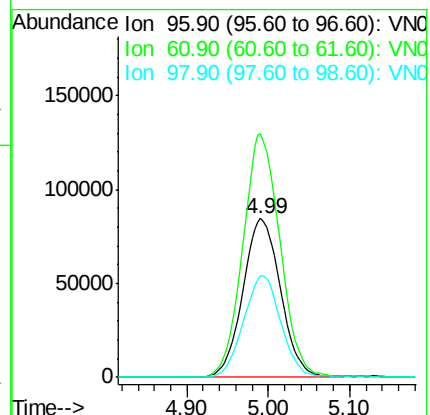
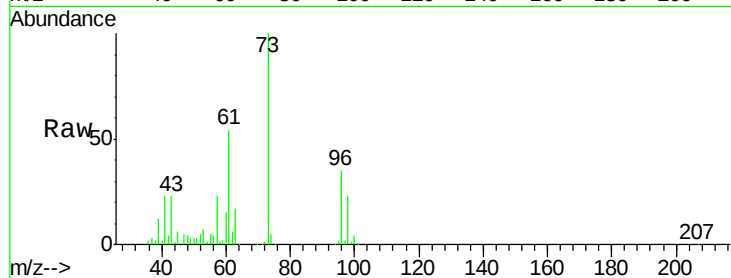
98 64.1 51.2 76.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 51.318 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Tgt Ion: 45 Resp: 1014771

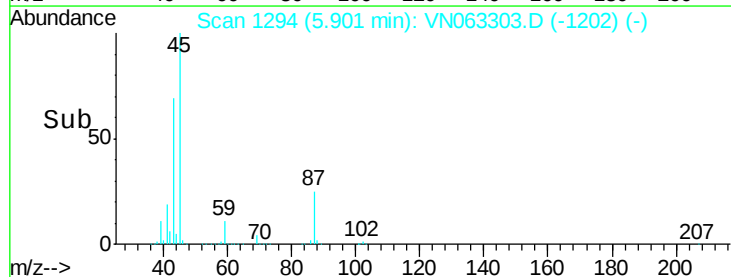
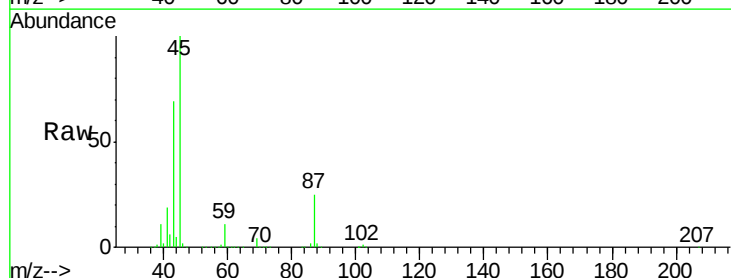
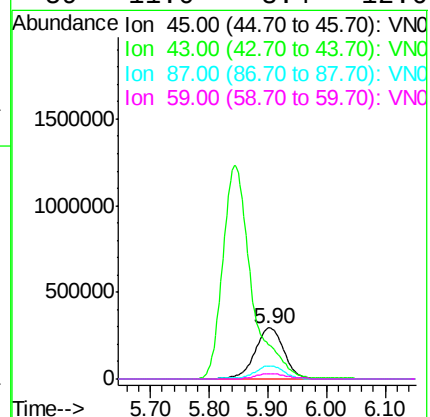
Ion Ratio Lower Upper

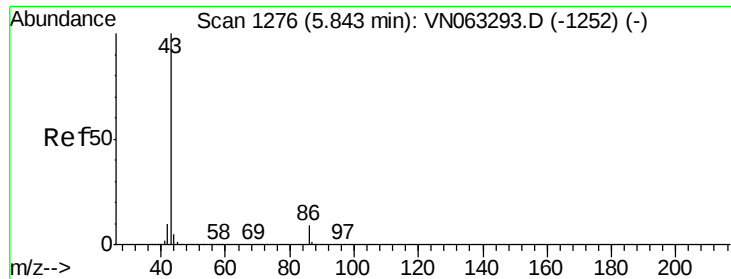
45 100

43 68.8 50.3 75.5

87 25.3 20.7 31.1

59 11.0 8.4 12.6





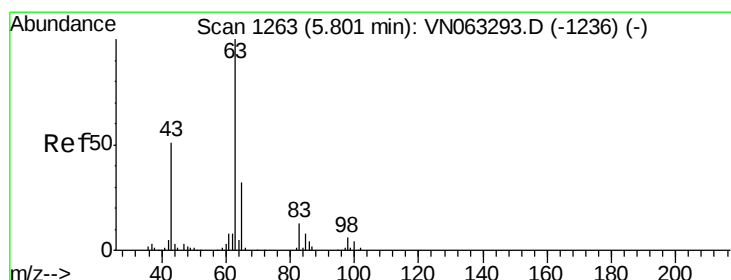
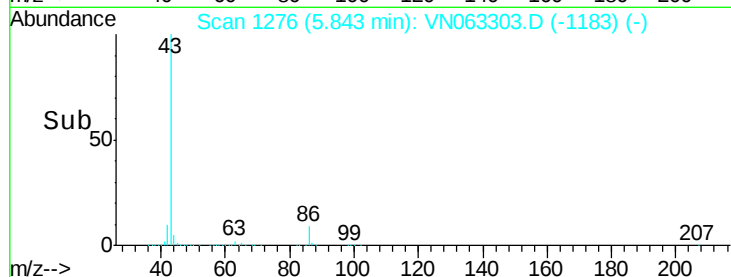
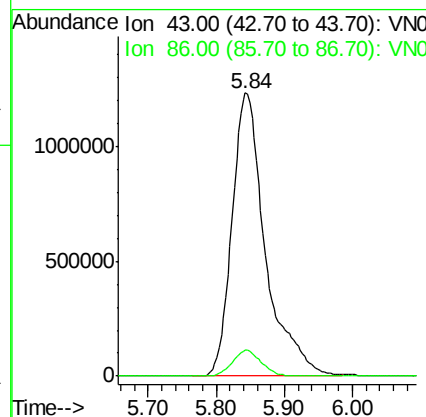
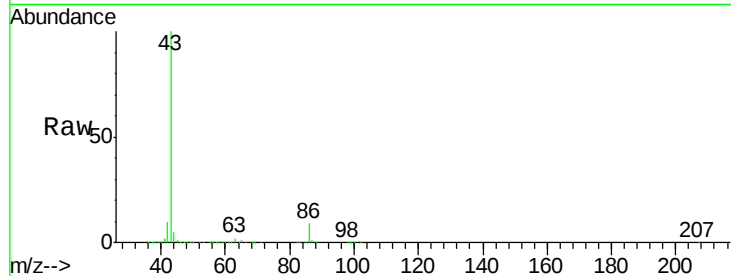
#23
 Vinyl Acetate
 Concen: 268.699 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 4182229
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8

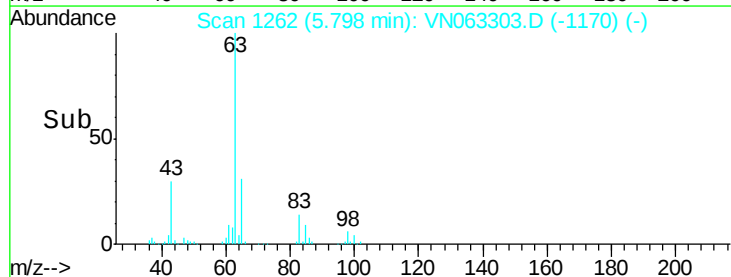
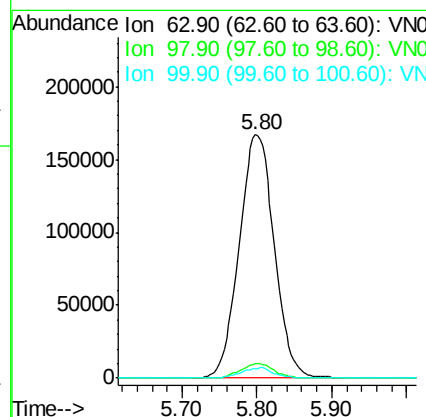
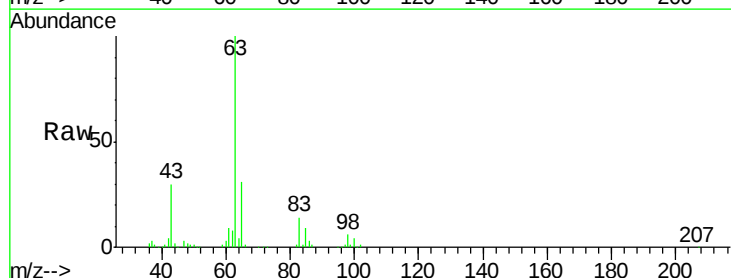
Manual Integrations
 APPROVED

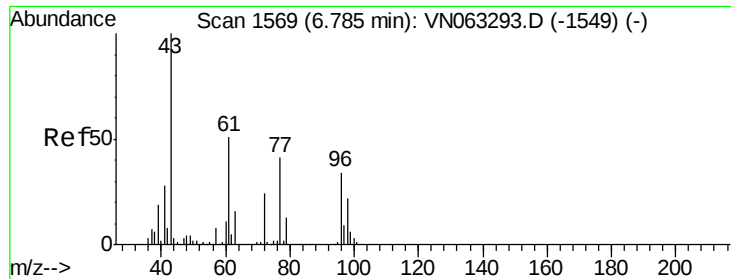
MMDadoda
 9/11/2020 2:02:37 PM



#24
 1,1-Dichloroethane
 Concen: 50.819 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion: 63 Resp: 544202
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.3
 100 3.9 2.0 6.0





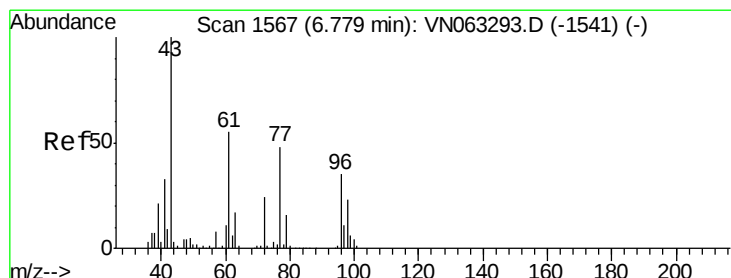
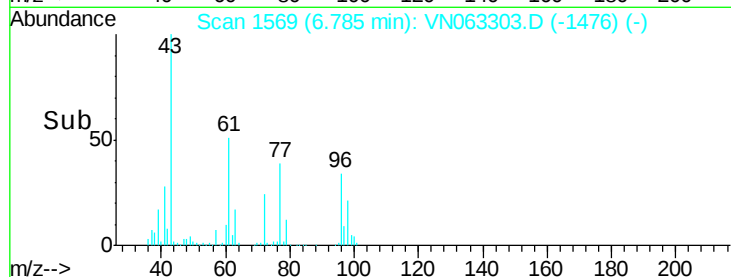
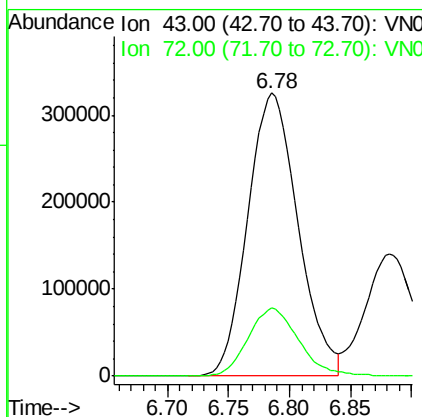
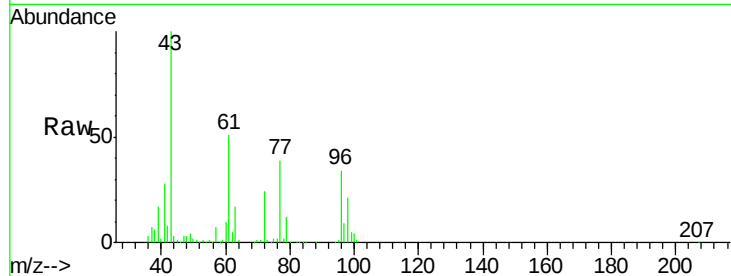
#25
2-Butanone
Concen: 258.636 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	925815
Ion Ratio	100	Lower	Upper
72	24.0	19.4	29.2

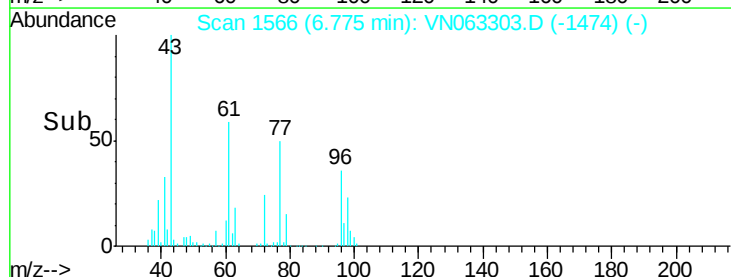
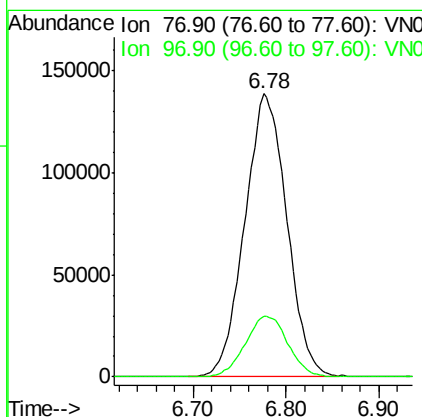
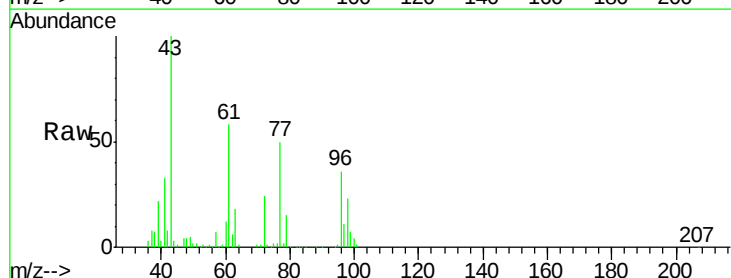
Manual Integrations
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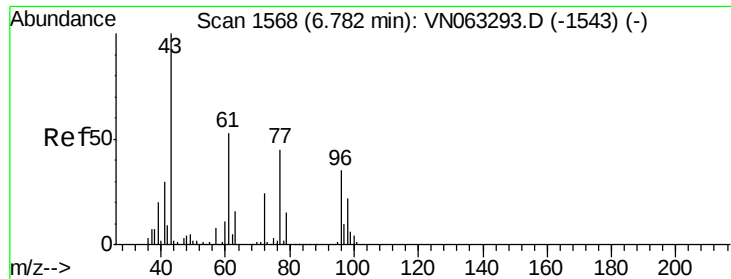
MMDadoda
9/11/2020 2:02:37 PM



#26
2,2-Dichloropropane
Concen: 46.501 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	77	Resp	436452
Ion Ratio	100	Lower	Upper
97	21.8	10.9	32.6





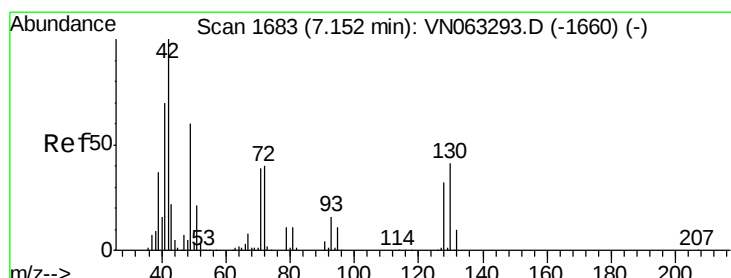
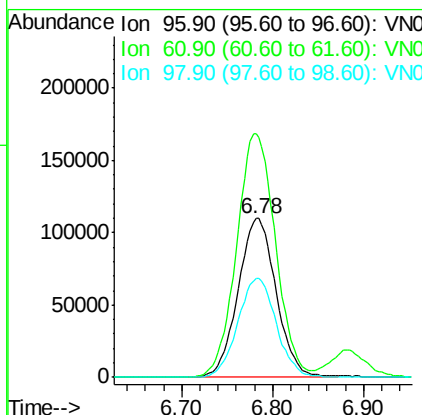
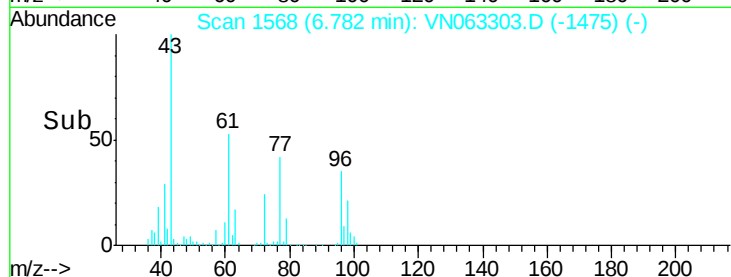
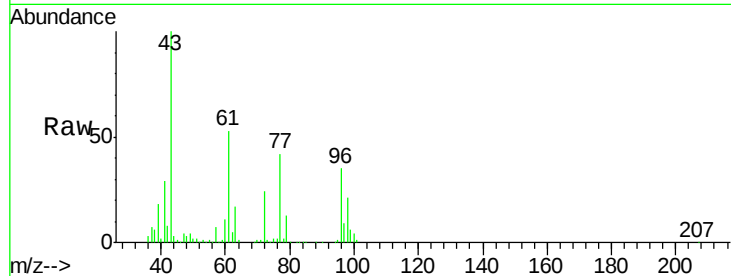
#27
 cis-1,2-Dichloroethene
 Concen: 50.018 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.2	0.0	322.8	
98	63.0	0.0	132.2	

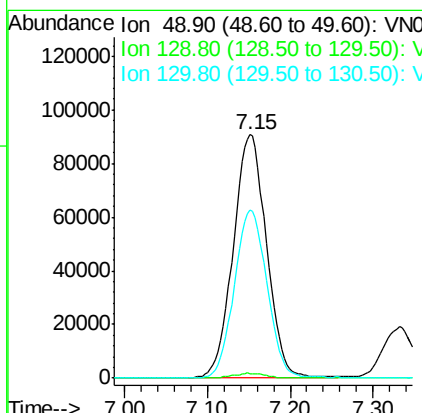
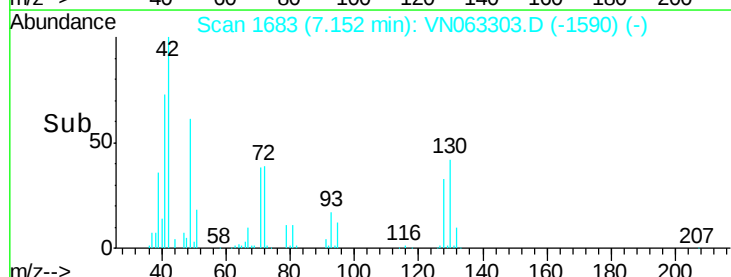
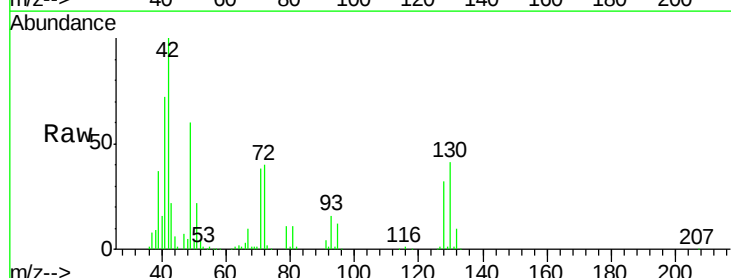
Manual Integrations
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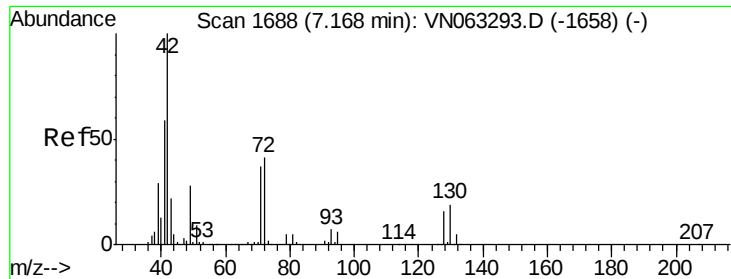
MMDadoda
 9/11/2020 2:02:37 PM



#28
 Bromochloromethane
 Concen: 48.971 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.4	
130	67.4	53.1	79.7	





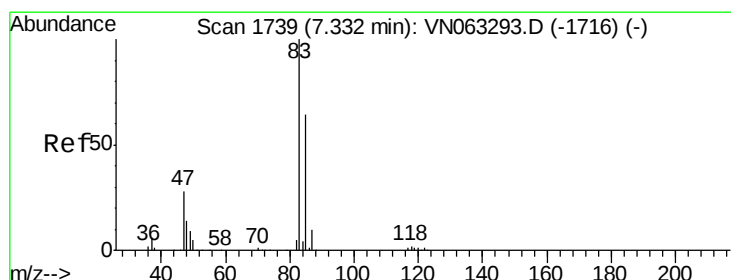
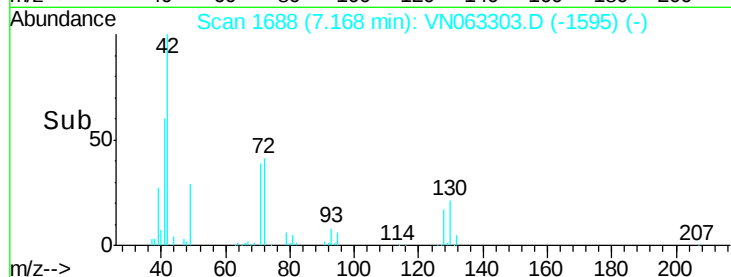
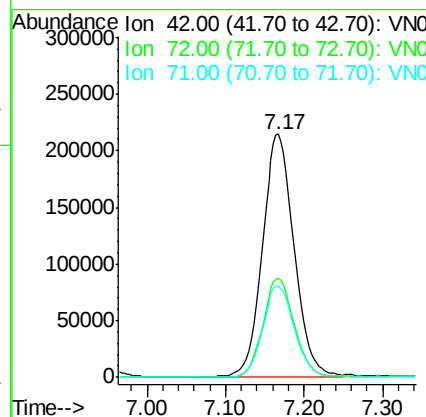
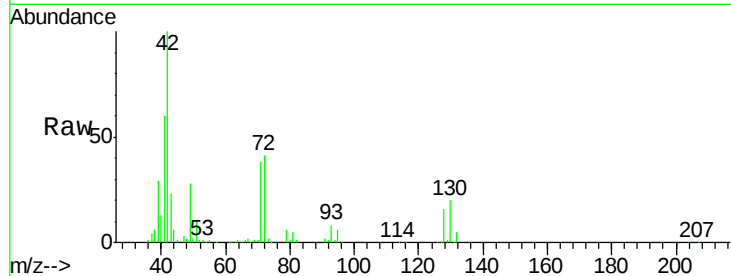
#29
Tetrahydrofuran
Concen: 260.921 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.4	47.2
71	37.8	30.0	45.0

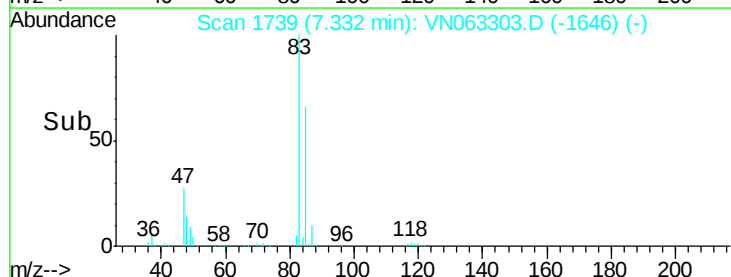
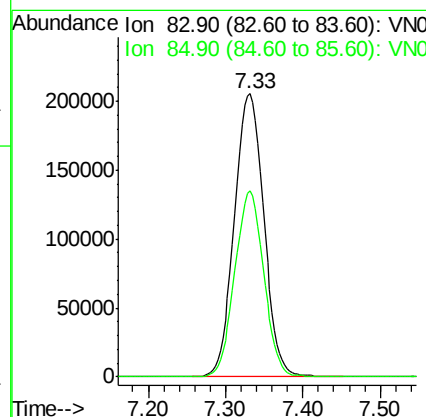
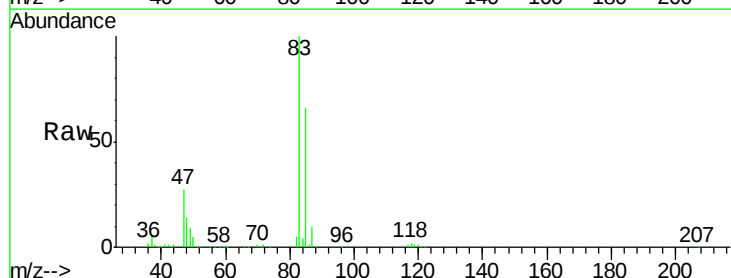
Manual Integrations
APPROVED

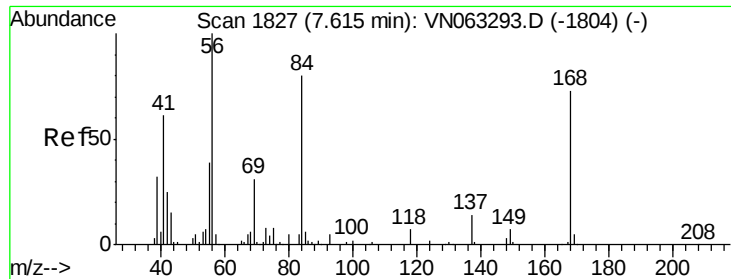
MMDadoda
9/11/2020 2:02:37 PM



#30
Chloroform
Concen: 50.626 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.2	76.8





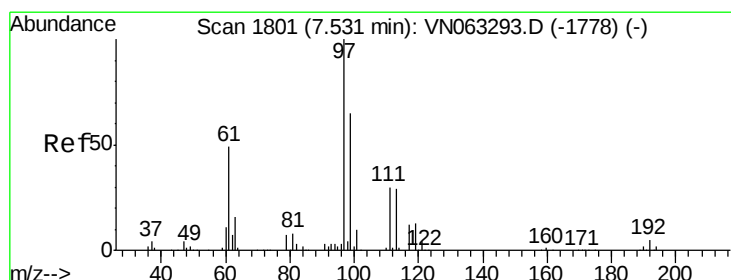
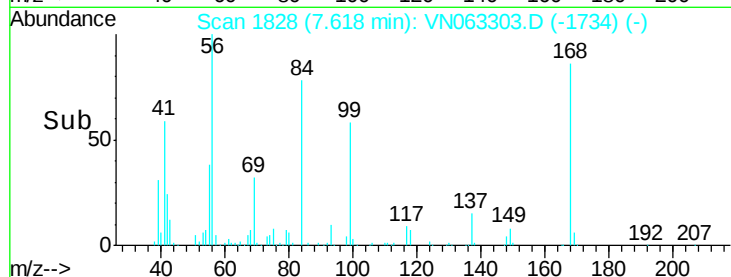
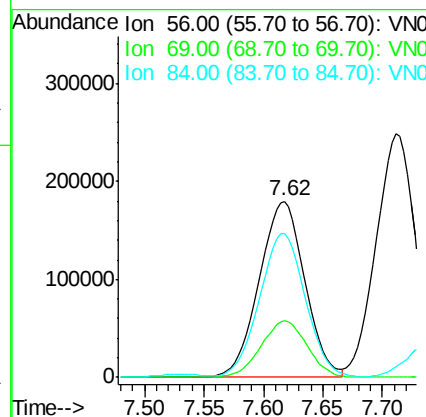
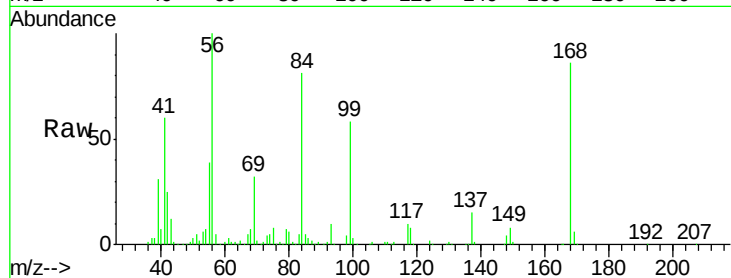
#31
Cyclohexane
Concen: 48.487 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.1	37.7
84	79.9	64.2	96.2

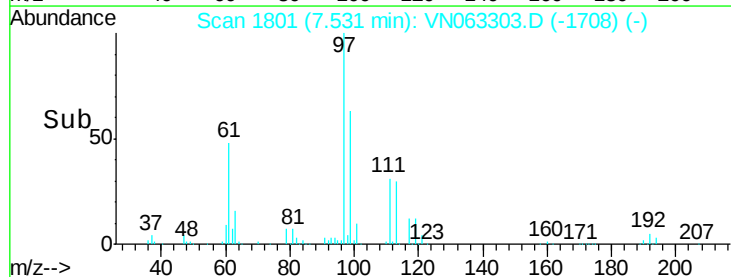
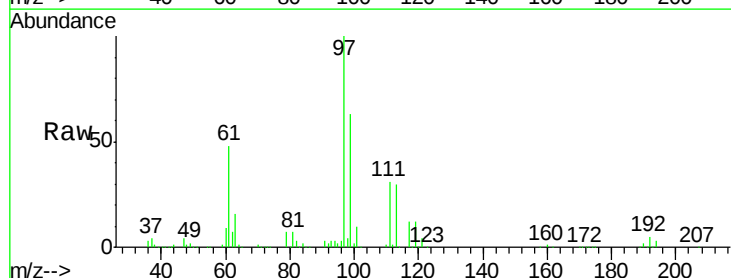
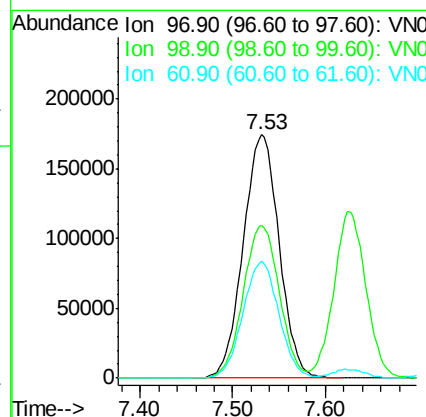
Manual Integrations
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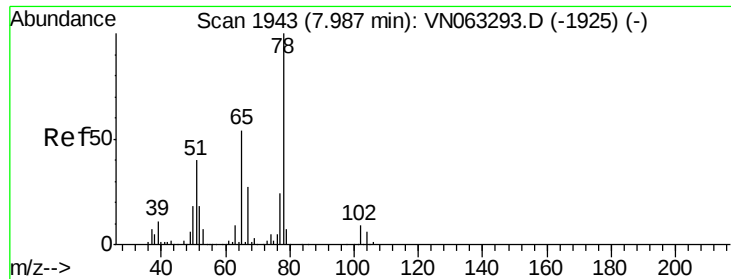
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#32
1,1,1-Trichloroethane
Concen: 50.205 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.2
61	47.9	38.9	58.3





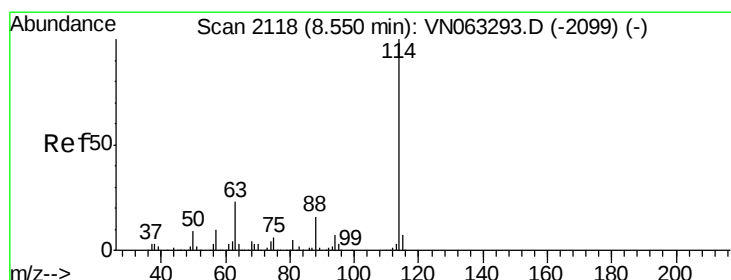
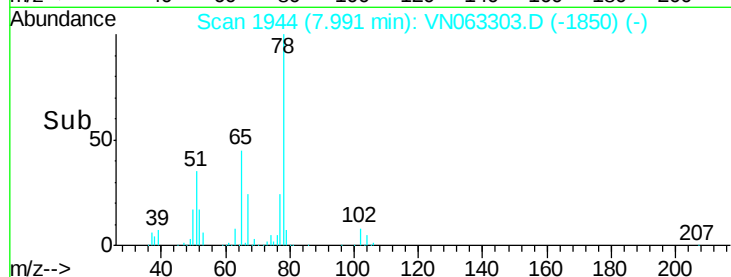
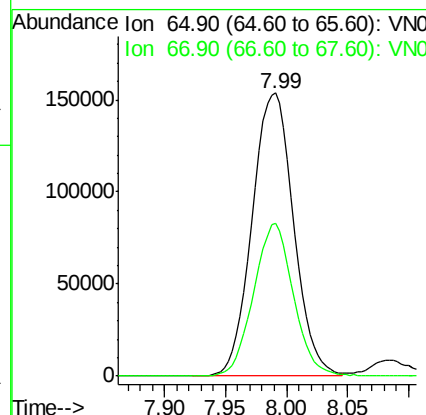
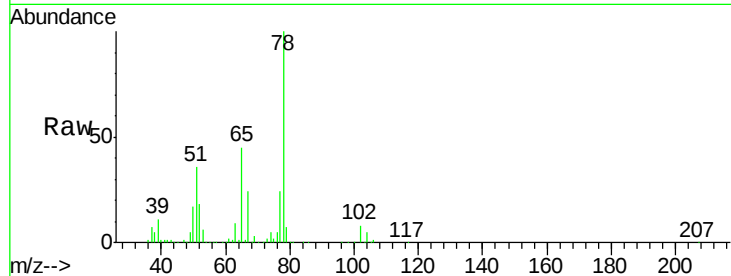
#33
 1,2-Dichloroethane-d4
 Concen: 51.595 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	362084		
67	51.8	0.0	104.6	

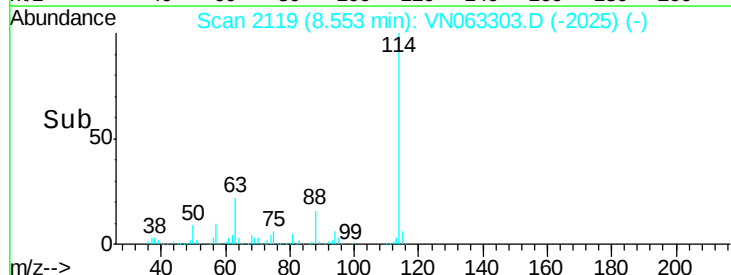
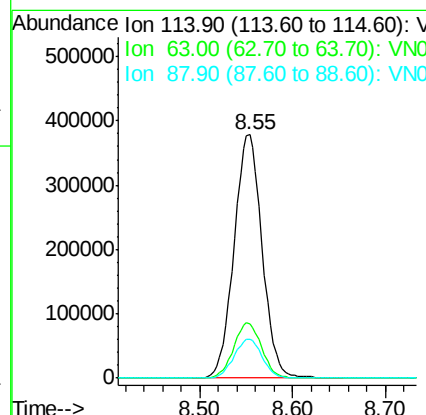
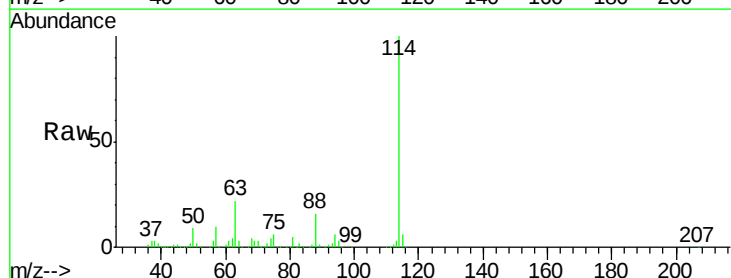
Manual Integrations
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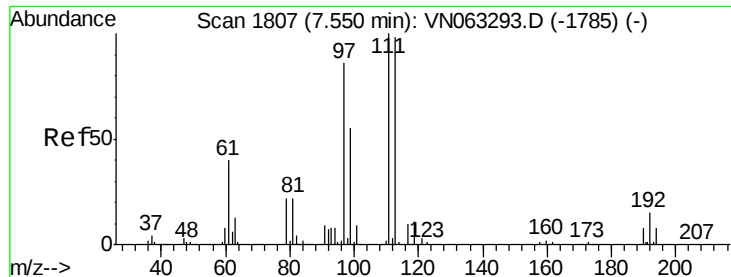
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 9/11/2020 2:02:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	793341		
63	22.3	0.0	46.0	
88	16.0	0.0	32.8	





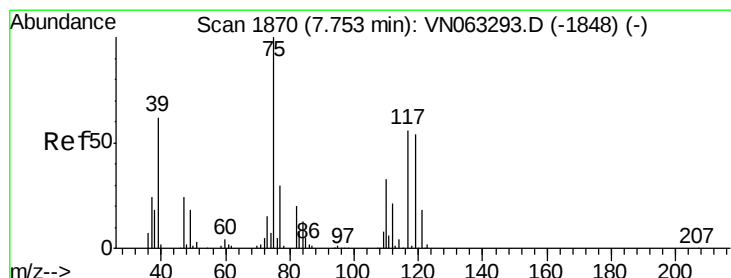
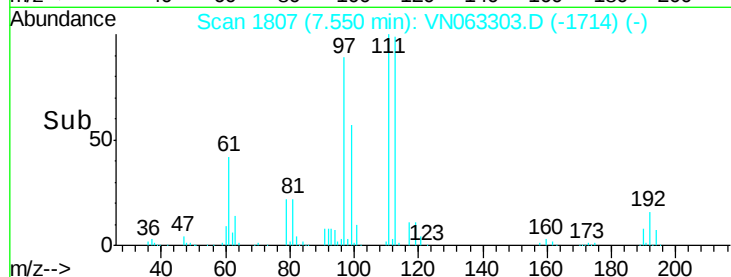
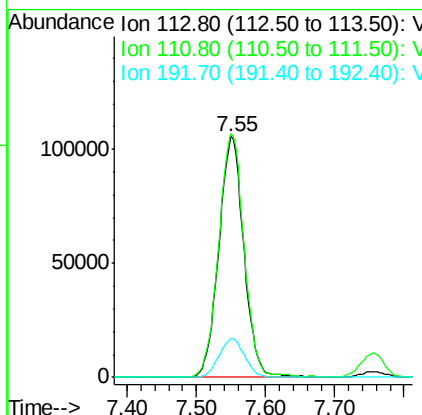
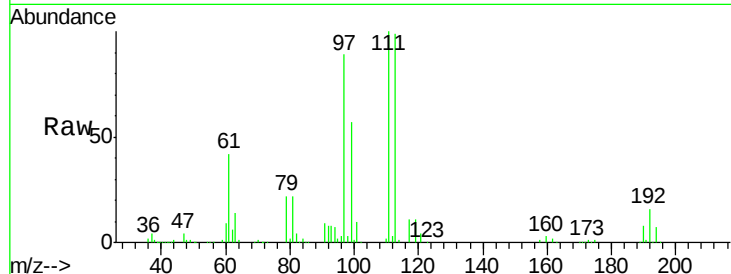
#35
 Dibromofluoromethane
 Concen: 51.884 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	265544		
111	102.8	82.2	123.2	
192	16.5	12.9	19.3	

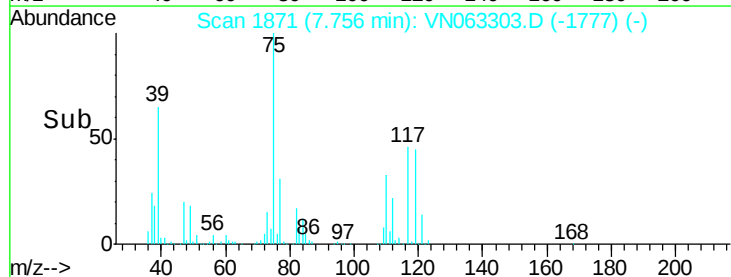
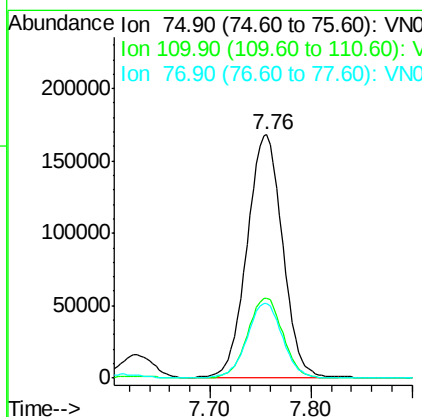
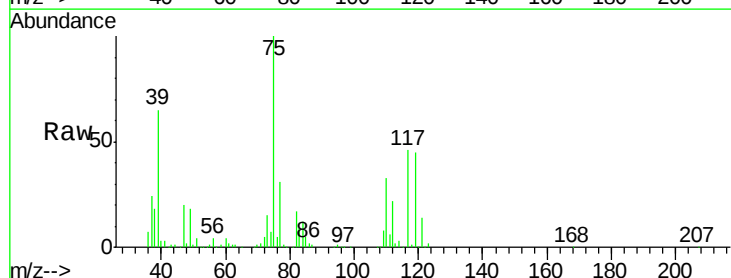
Manual Integrations
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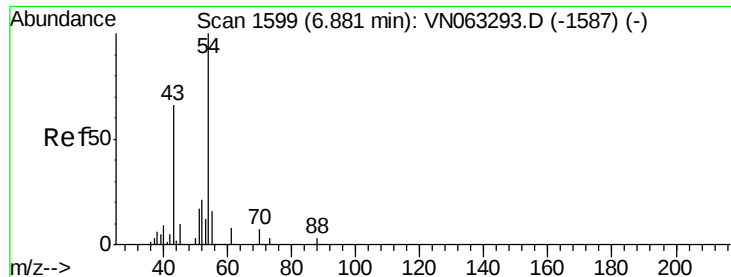
MMDadoda
 9/11/2020 2:02:37 PM



#36
 1,1-Dichloropropene
 Concen: 50.165 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	409078		
110	32.8	16.4	49.4	
77	30.7	24.8	37.2	





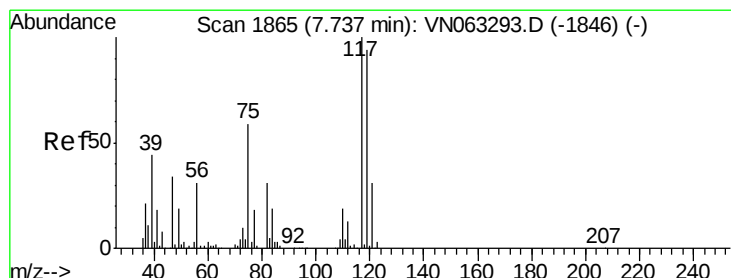
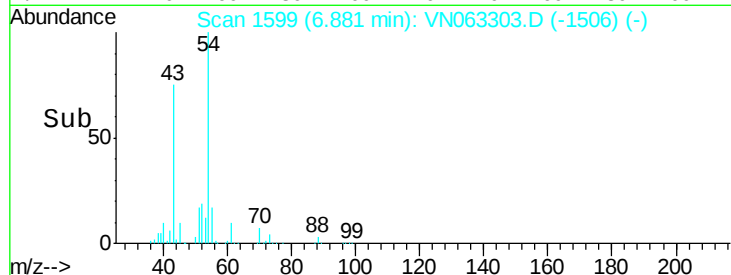
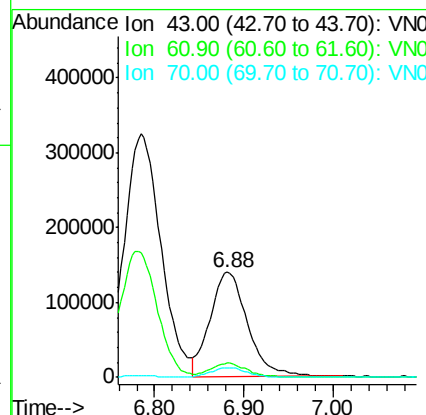
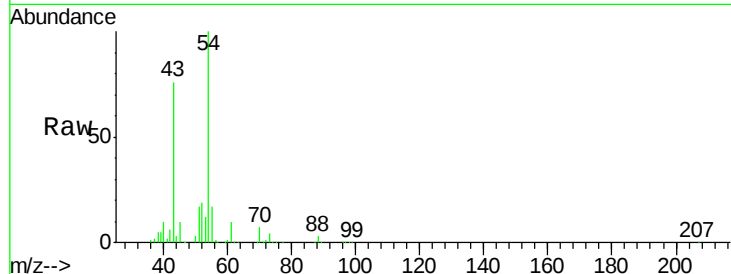
#37
Ethyl Acetate
Concen: 50.429 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.1	15.1
70	9.3	7.4	11.2

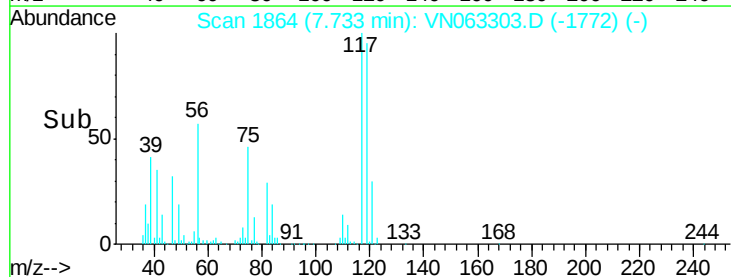
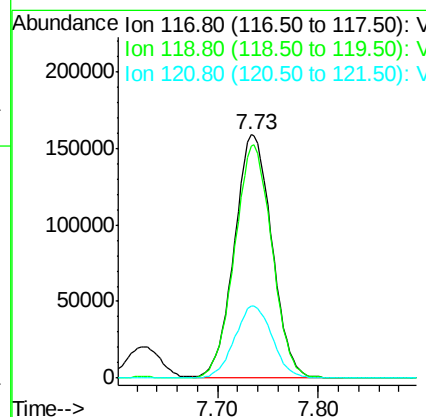
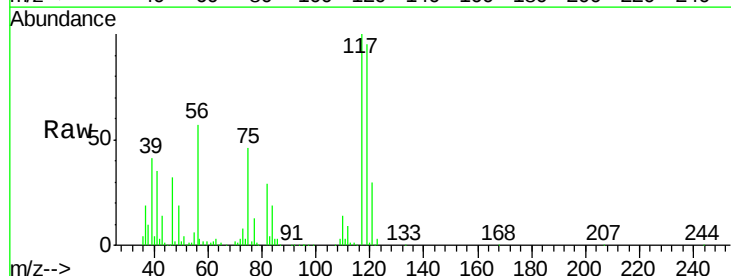
Manual Integrations
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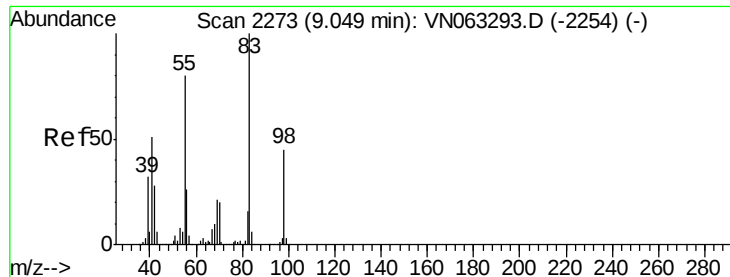
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#38
Carbon Tetrachloride
Concen: 50.841 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.3	112.9
121	29.9	24.6	37.0





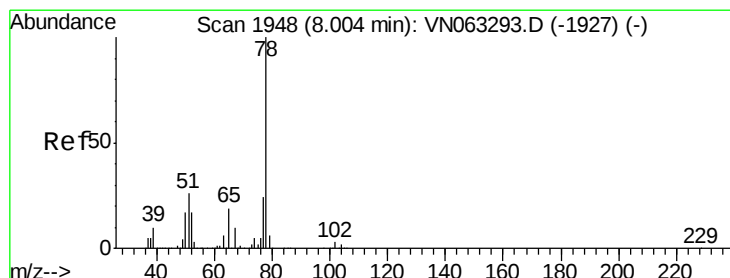
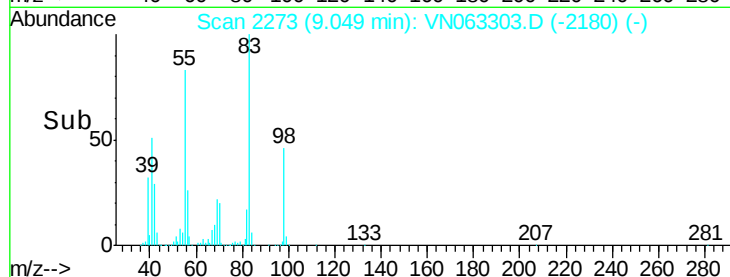
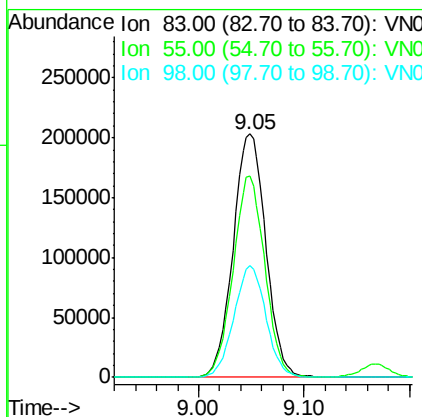
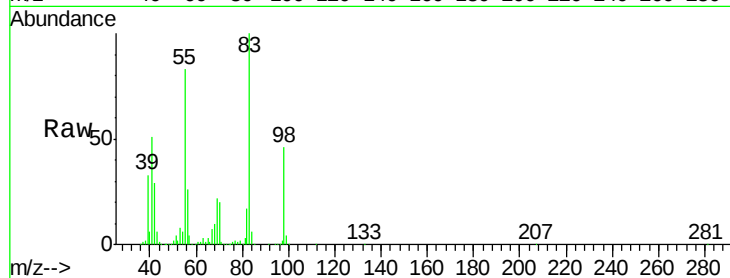
#39
Methvlcvclohexane
Concen: 49.117 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.9	64.0	96.0
98	45.7	36.4	54.6

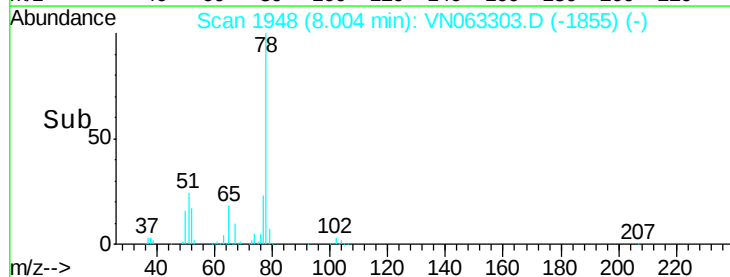
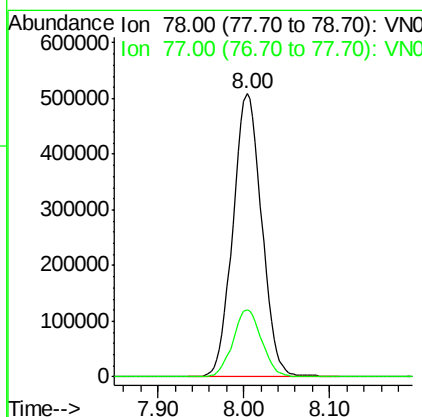
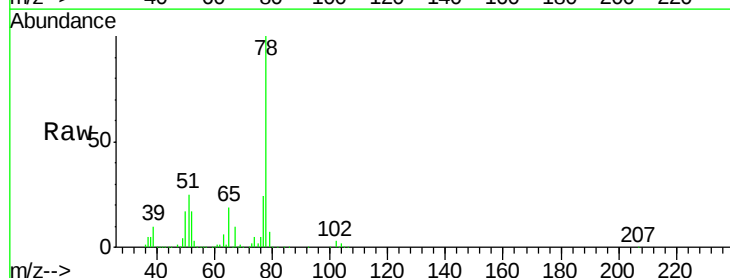
Manual Integrations
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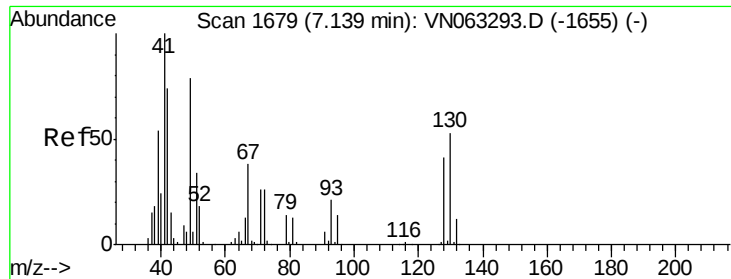
MMDadoda
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#40
Benzene
Concen: 50.801 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





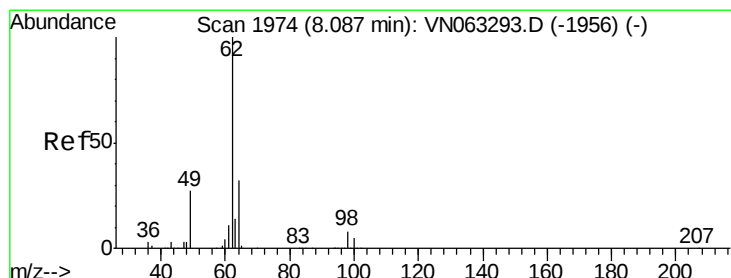
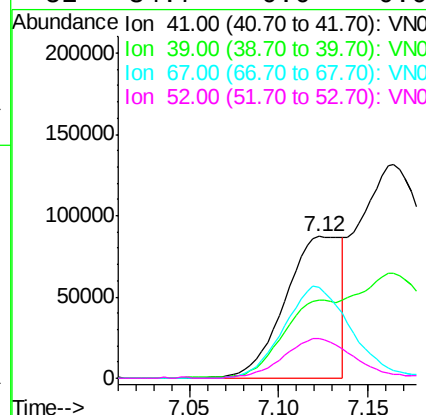
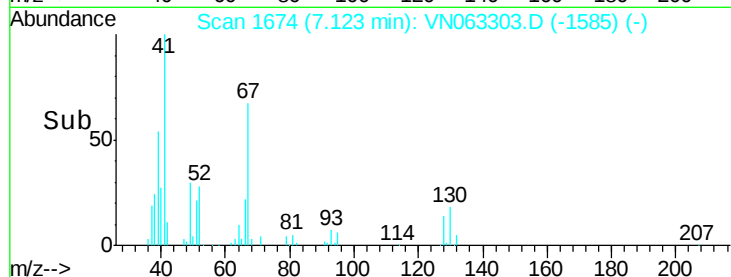
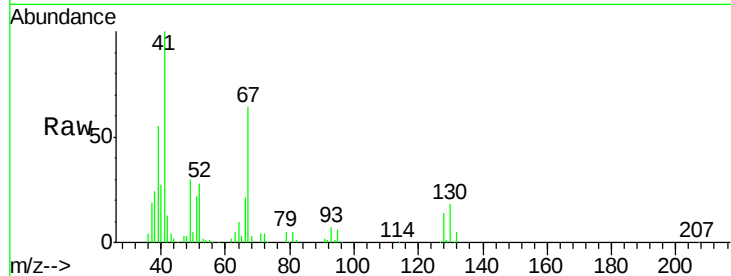
#41
Methacrylonitrile
Concen: 52.279 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	189713
Ion Ratio	Lower	Upper	
41	100		
39	50.8	0.0	0.0#
67	78.8	0.0	0.0#
52	34.7	0.0	0.0#

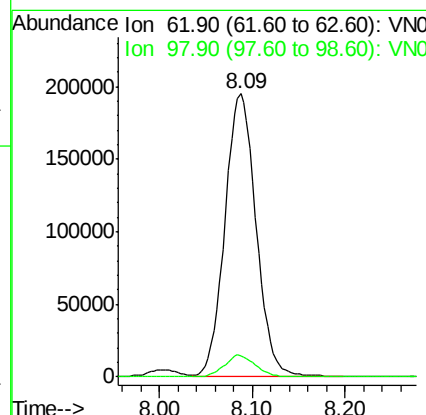
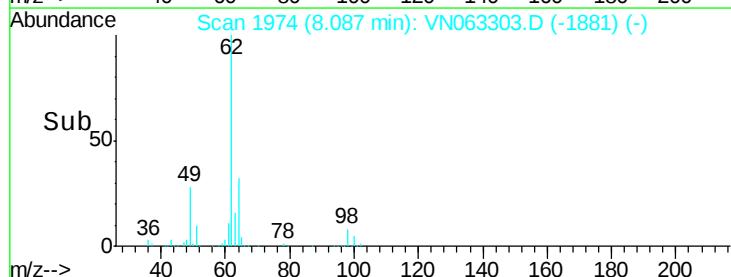
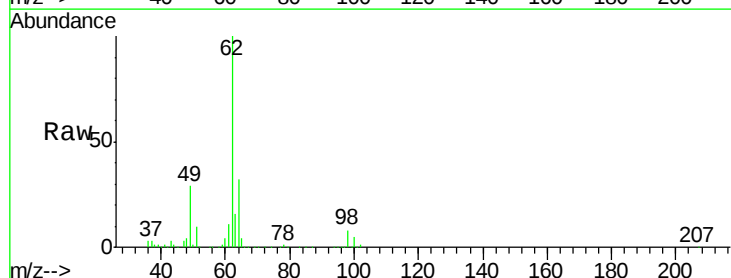
Manual Integrations
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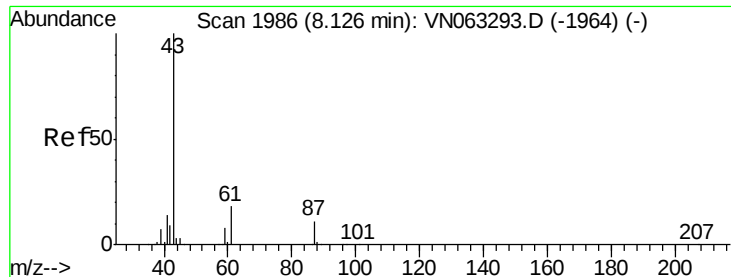
MMDadoda
9/11/2020 2:02:37 PM



#42
1,2-Dichloroethane
Concen: 51.295 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	62	Resp	453283
Ion Ratio	Lower	Upper	
62	100		
98	7.6	0.0	15.4





#43

Isopropyl Acetate

Concen: 52.091 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

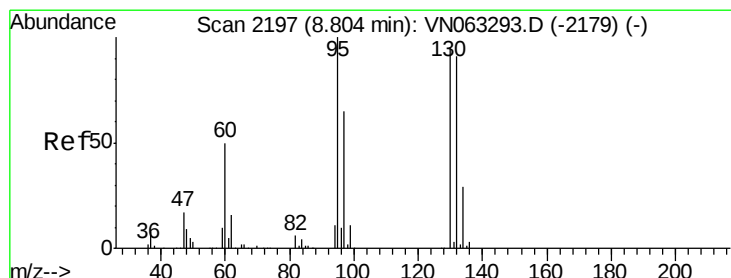
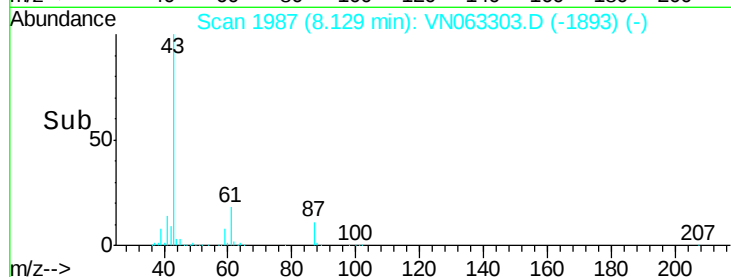
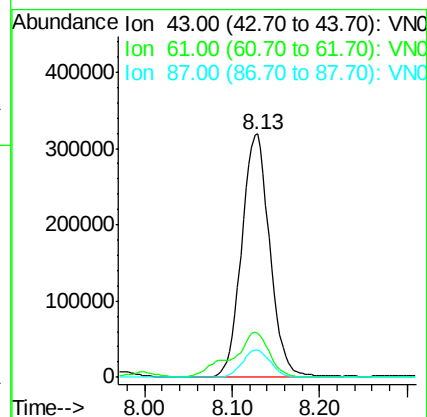
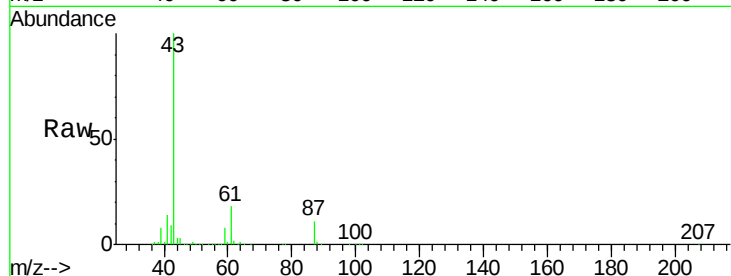
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	707722
Ion Ratio	Lower	Upper	
43	100		
61	24.4	15.1	22.7#
87	11.4	9.2	13.8

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#44

Trichloroethene

Concen: 51.293 ug/l

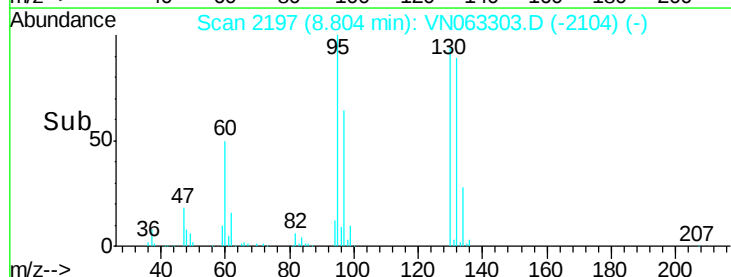
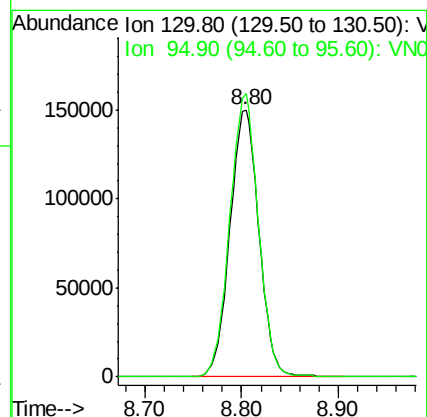
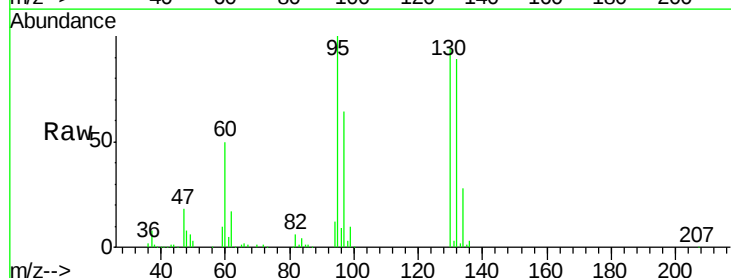
RT: 8.80 min Scan# 2197

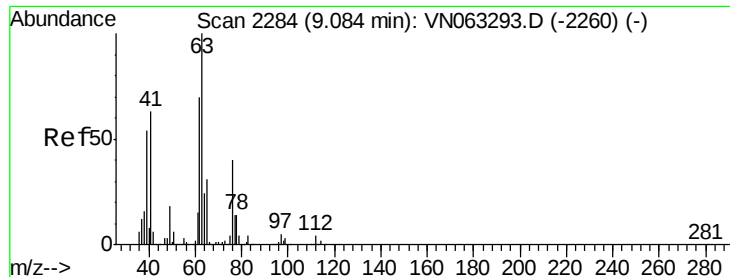
Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Tgt Ion:	130	Resp:	312429
Ion Ratio	Lower	Upper	
130	100		
95	106.0	0.0	210.8





#45

1,2-Dichloropropane

Concen: 50.966 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 63 Resp: 325605

Ion Ratio Lower Upper

63 100

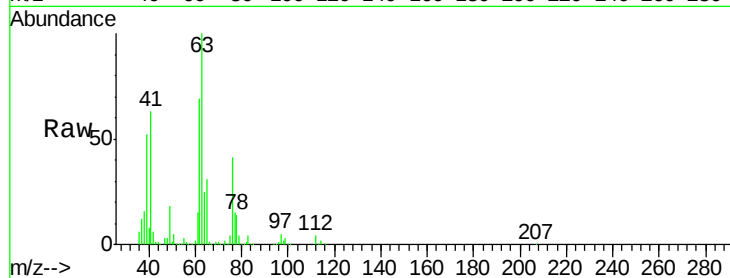
65 31.4 24.6 36.8

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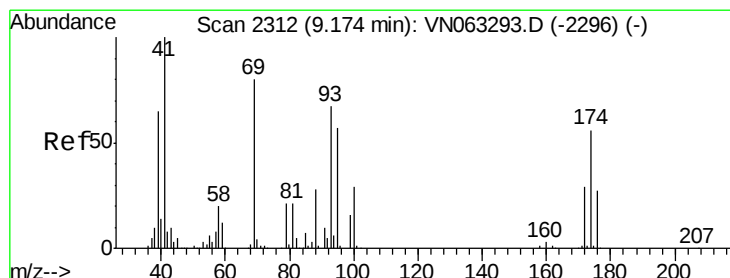
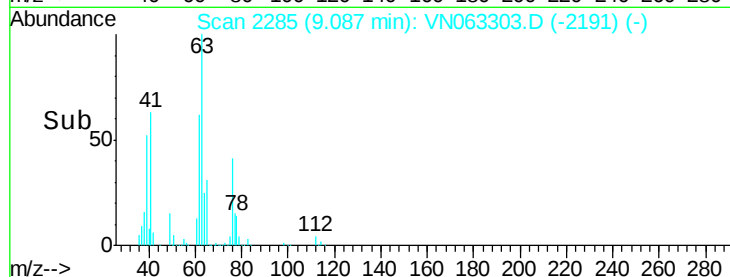
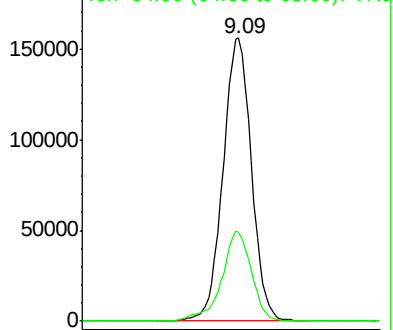
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.828 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

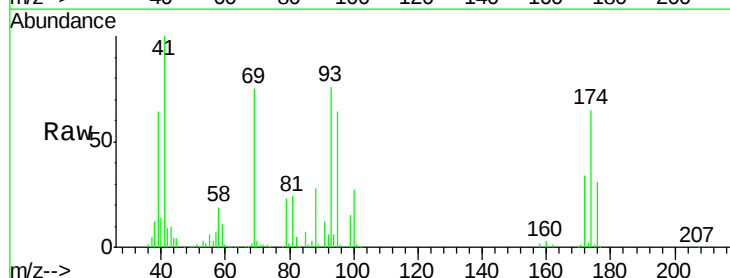
Tgt Ion: 93 Resp: 210569

Ion Ratio Lower Upper

93 100

95 83.4 67.9 101.9

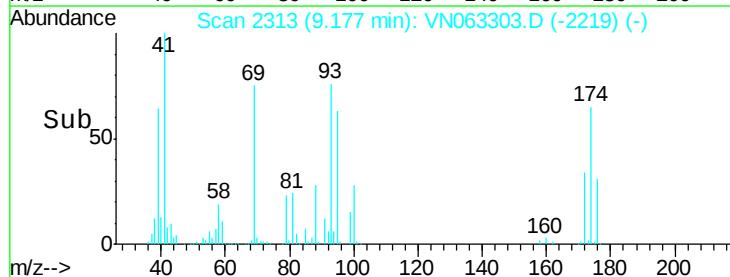
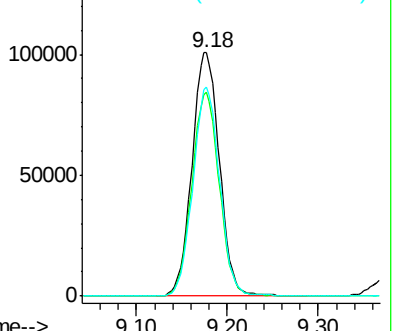
174 83.9 66.9 100.3

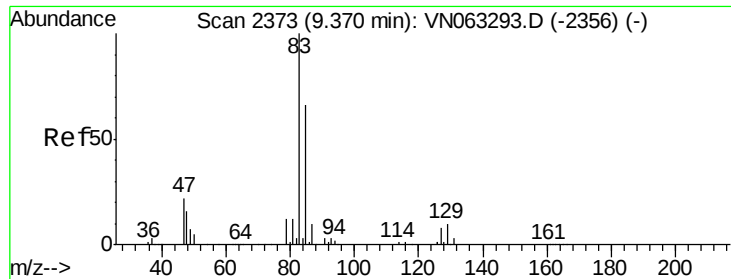


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





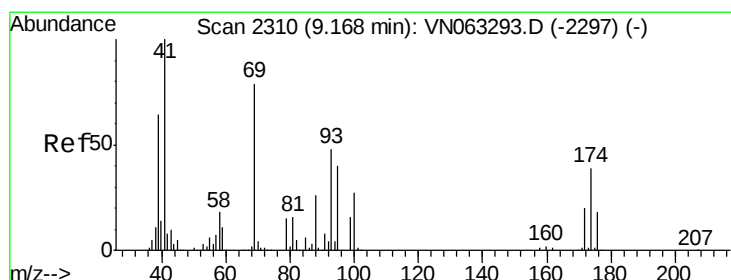
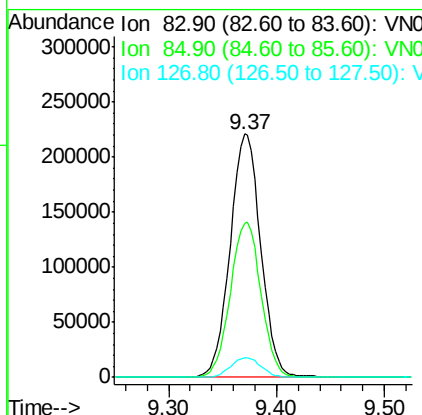
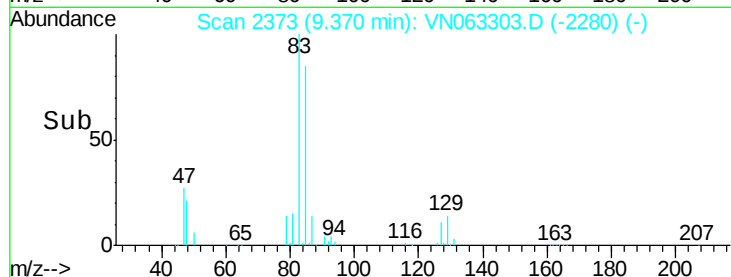
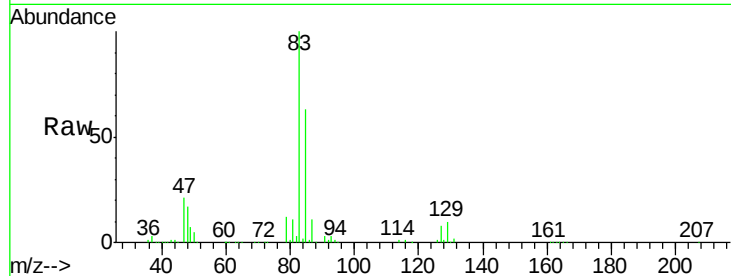
#47
Bromodichloromethane
Concen: 50.393 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	435062
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	52.5	78.7
127	8.0	6.6	10.0

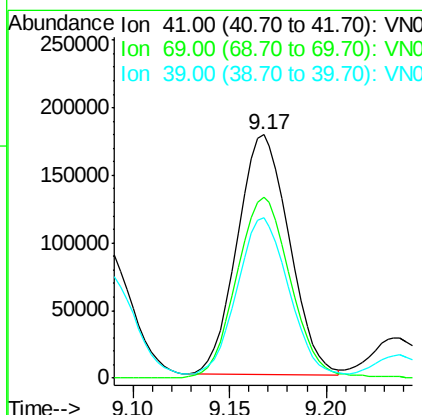
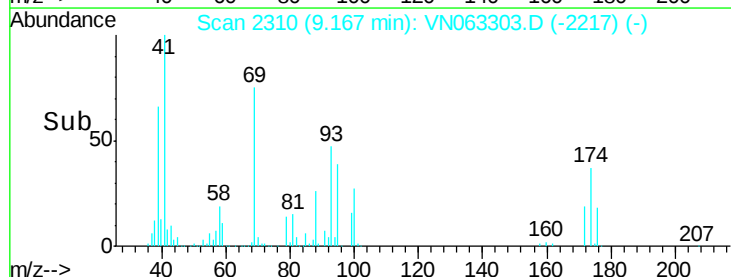
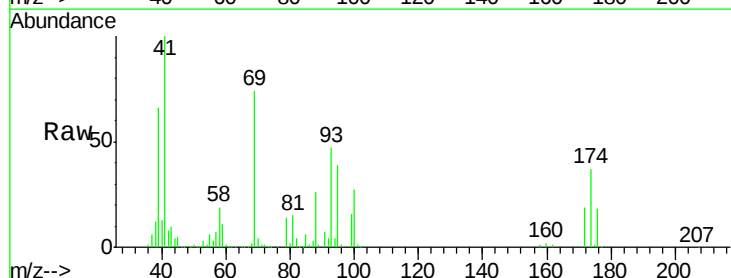
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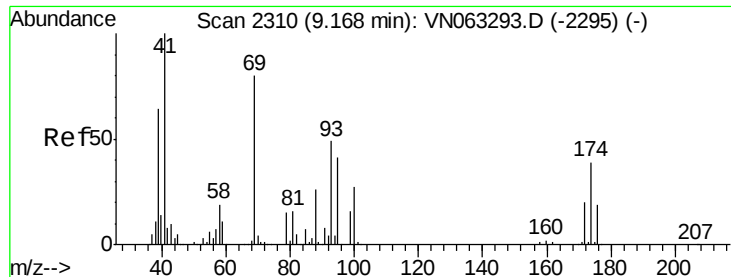
MMDadoda
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#48
Methyl methacrylate
Concen: 51.446 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	41	Resp	333505
Ion Ratio	100	Lower	Upper
41	100		
69	77.8	63.6	95.4
39	66.9	53.2	79.8





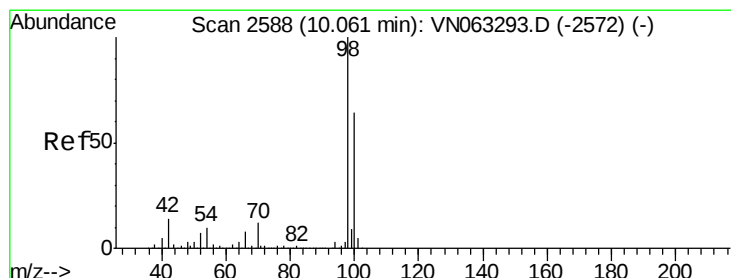
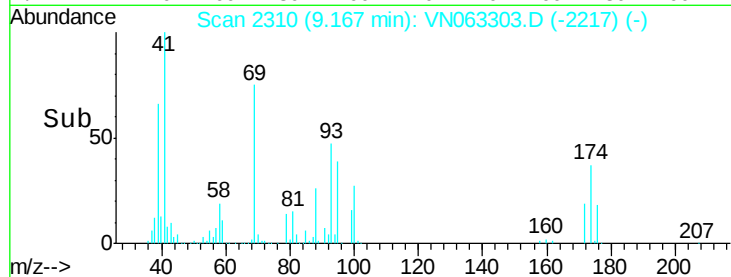
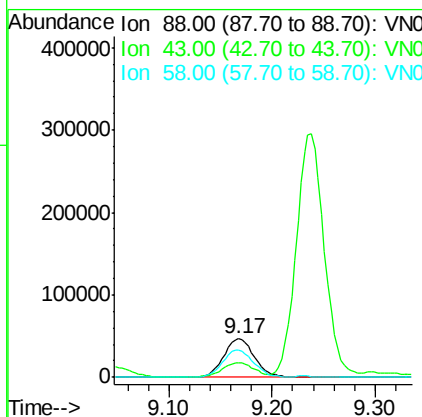
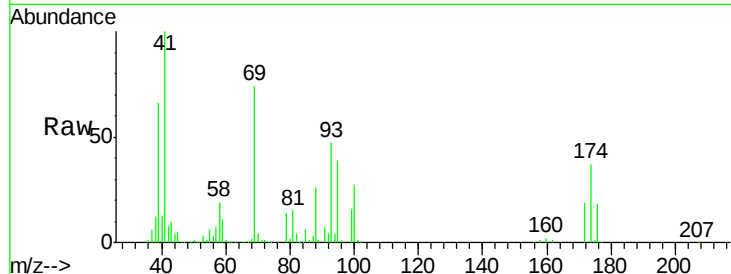
#49
 1,4-Dioxane
 Concen: 977.074 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	98070
Ion Ratio	100	Lower	Upper
88	100		
43	37.2	30.5	45.7
58	71.0	58.9	88.3

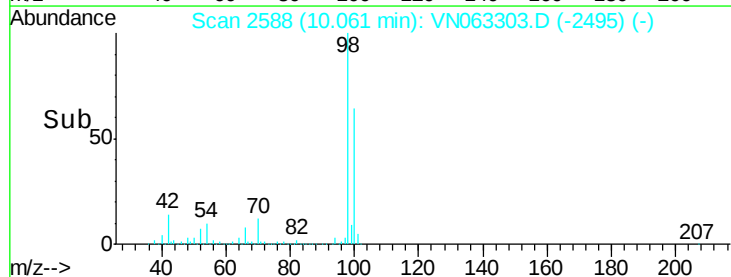
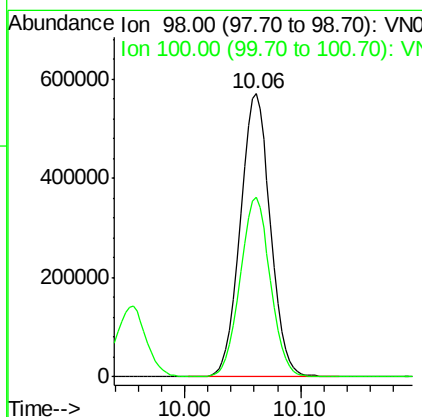
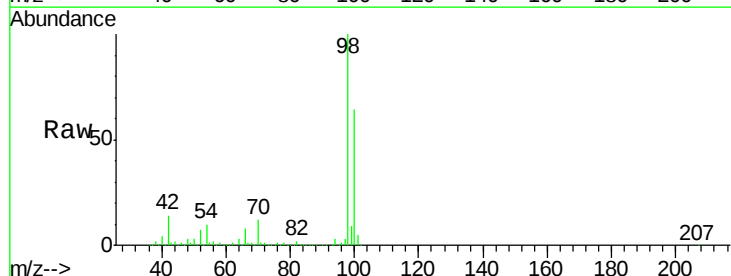
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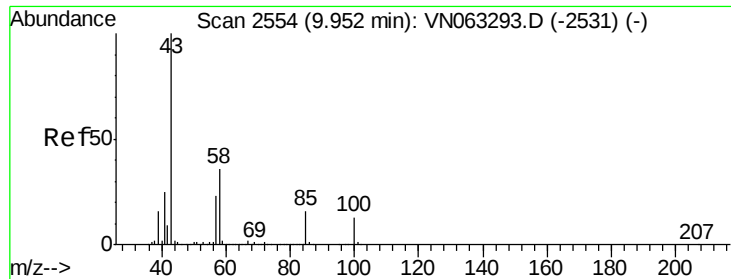
MMDadoda
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#50
 Toluene-d8
 Concen: 52.340 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	98	Resp	1026576
Ion Ratio	100	Lower	Upper
98	100		
100	64.0	50.7	76.1





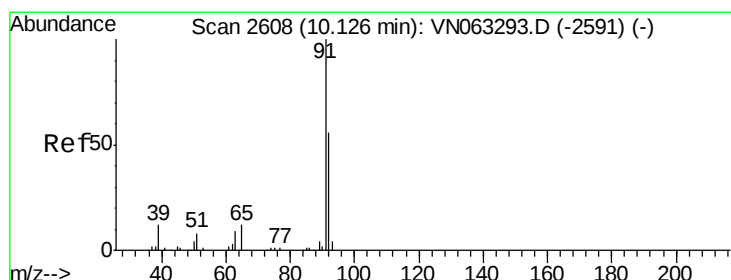
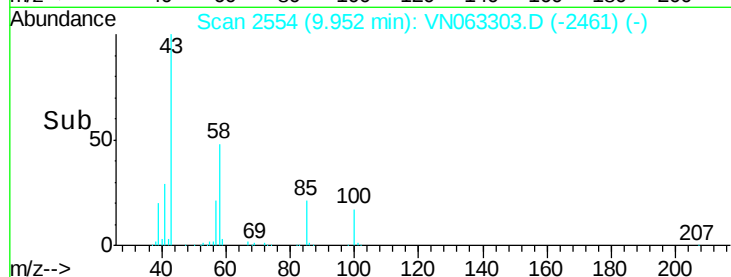
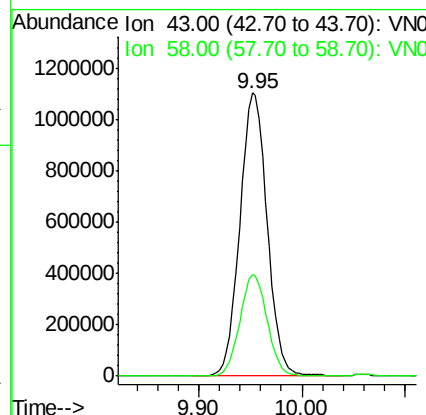
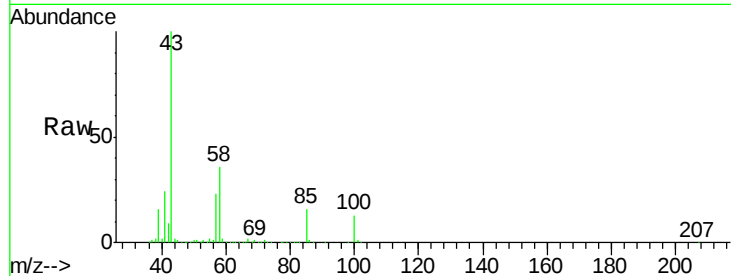
#51
 4-Methyl-2-Pentanone
 Concen: 271.531 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2033055
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.0 43.4

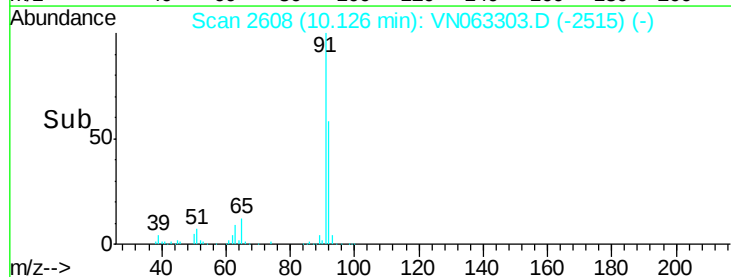
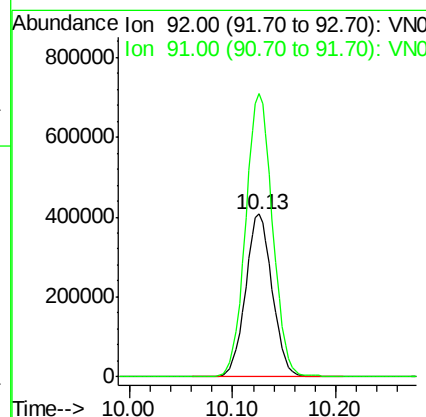
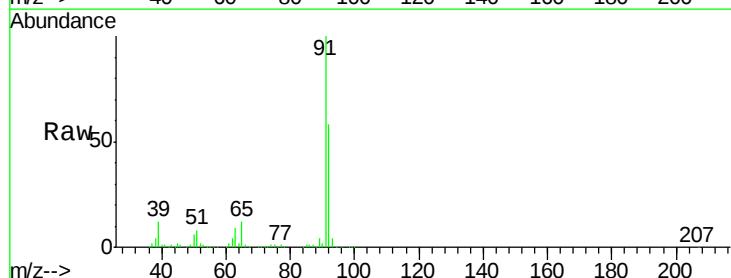
Manual Integrations
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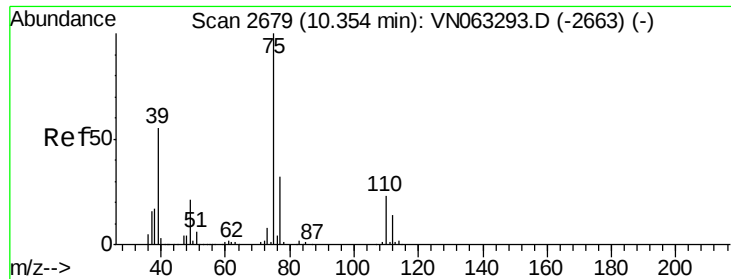
MMDadoda
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#52
 Toluene
 Concen: 51.296 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion: 92 Resp: 729450
 Ion Ratio Lower Upper
 92 100
 91 175.7 141.2 211.8





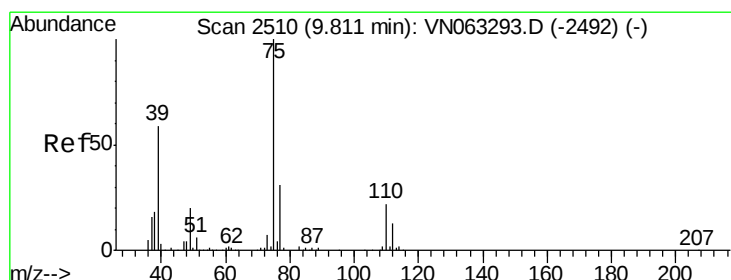
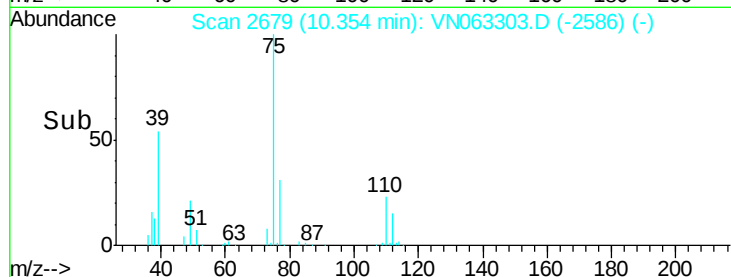
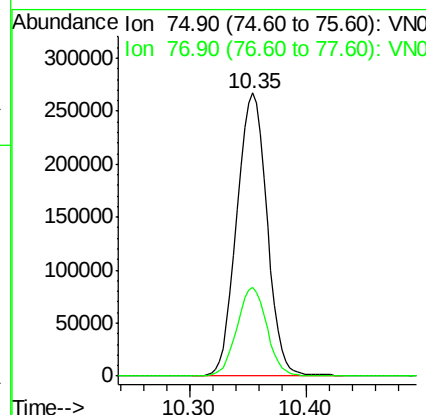
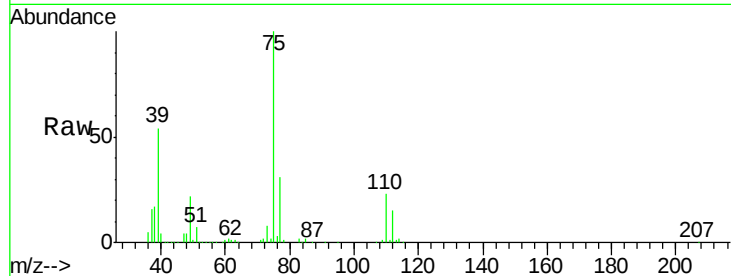
#53
t-1,3-Dichloropropene
Concen: 51.247 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	75	Resp	482469
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.7	38.5

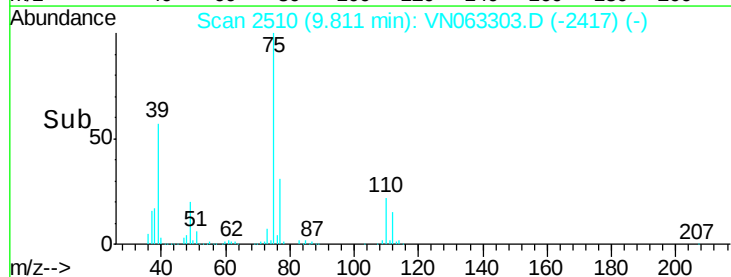
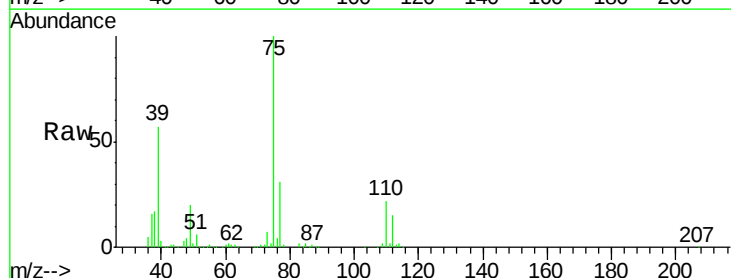
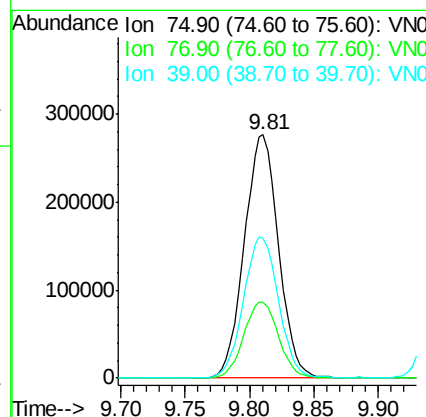
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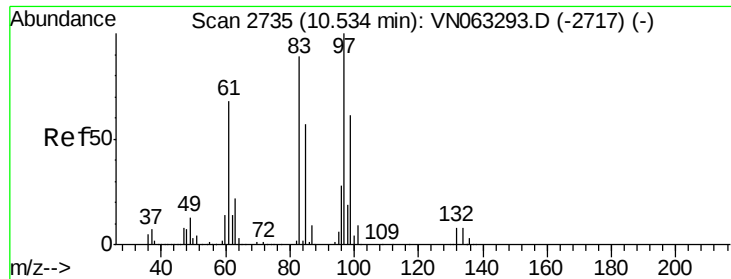
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#54
cis-1,3-Dichloropropene
Concen: 50.461 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	75	Resp	511507
Ion Ratio	Lower	Upper	
75	100		
77	31.1	24.7	37.1
39	57.2	47.2	70.8





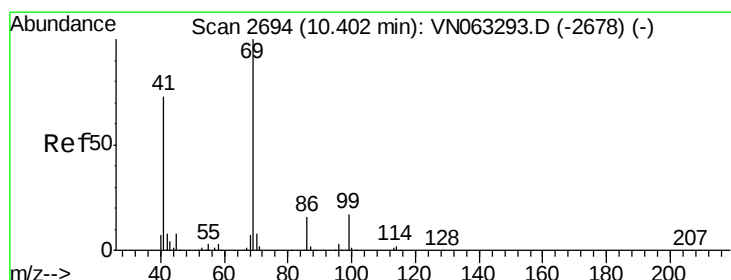
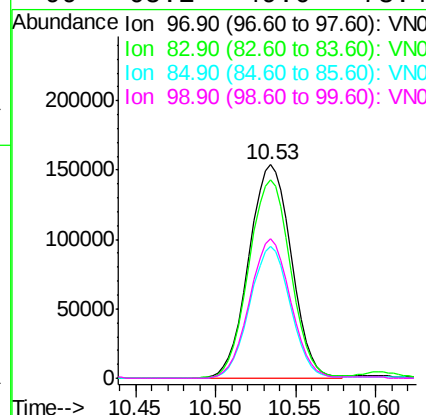
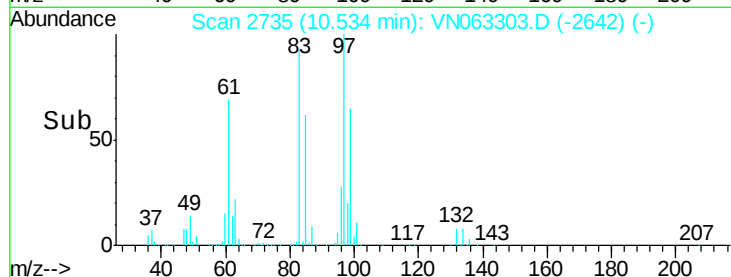
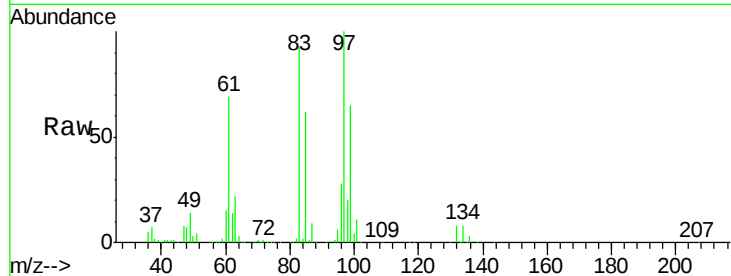
#55
 1,1,2-Trichloroethane
 Concen: 50.370 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	280678
Ion	Ratio	Lower	Upper
97	100		
83	92.6	70.8	106.2
85	61.7	45.6	68.4
99	65.1	49.0	73.4

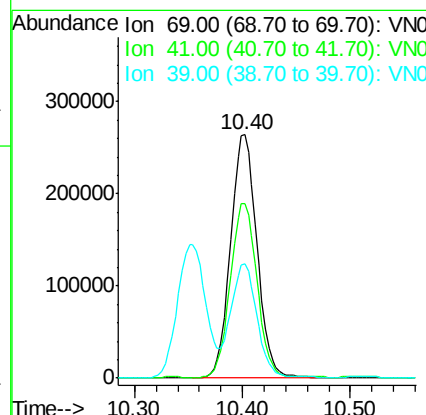
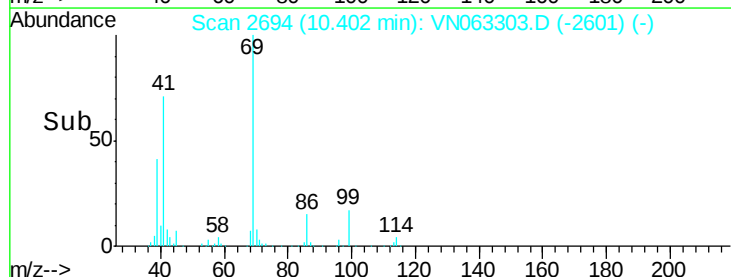
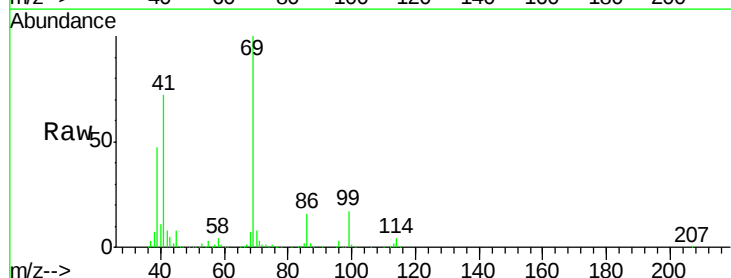
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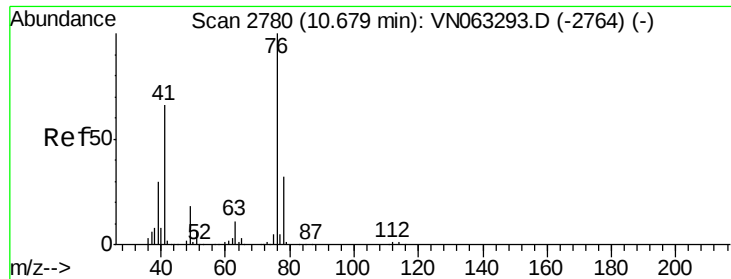
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#56
 Ethyl methacrylate
 Concen: 53.434 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion:	69	Resp:	452781
Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.4	87.6
39	47.1	38.6	58.0





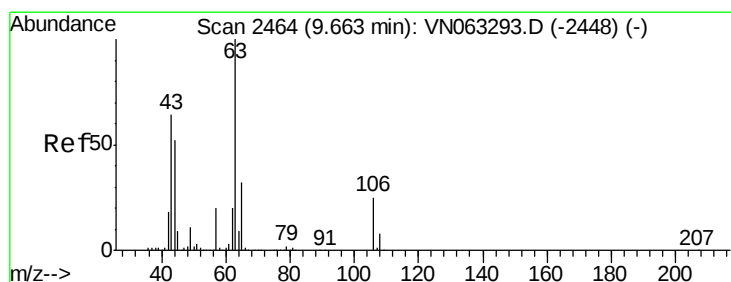
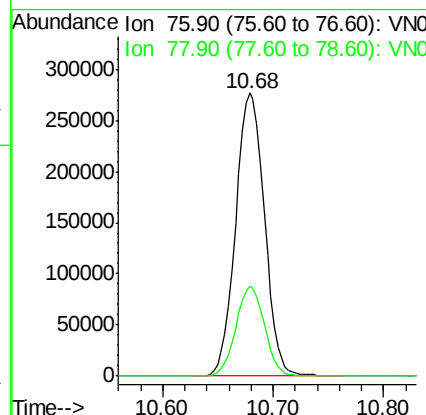
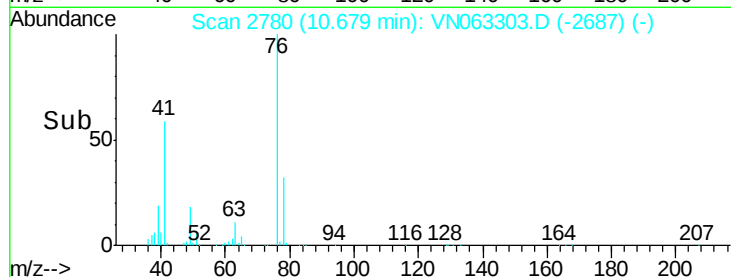
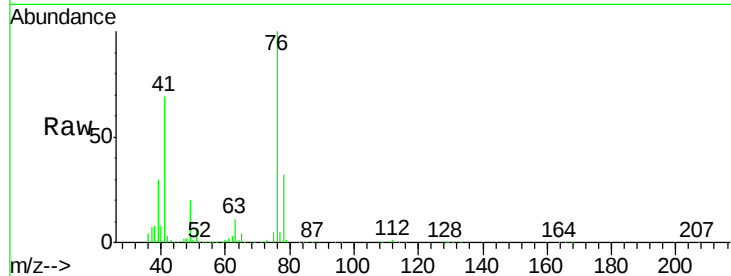
#57
 1,3-Dichloropropane
 Concen: 51.585 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 502289
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.7 38.5

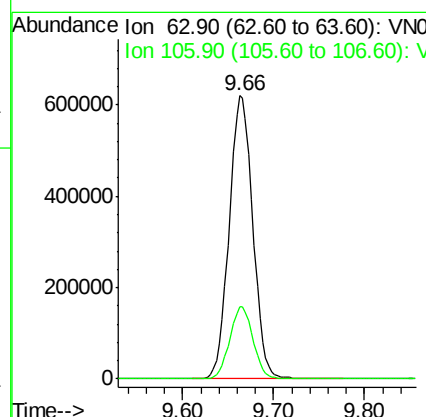
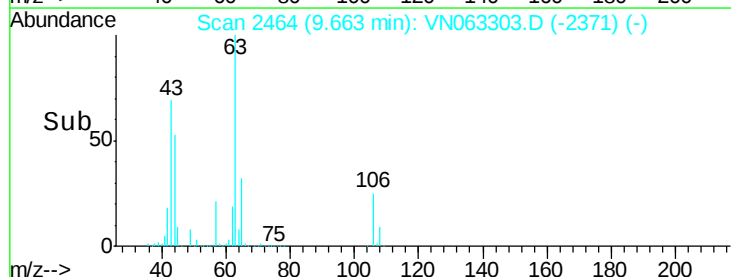
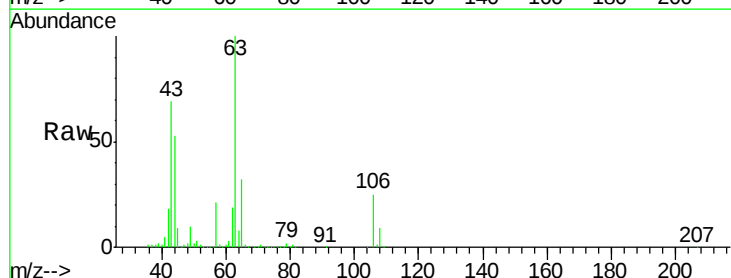
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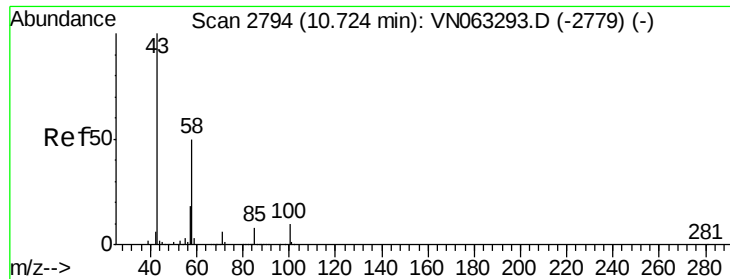
MMDadoda
 9/11/2020 2:02:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.924 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion: 63 Resp: 1117789
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.2 30.4





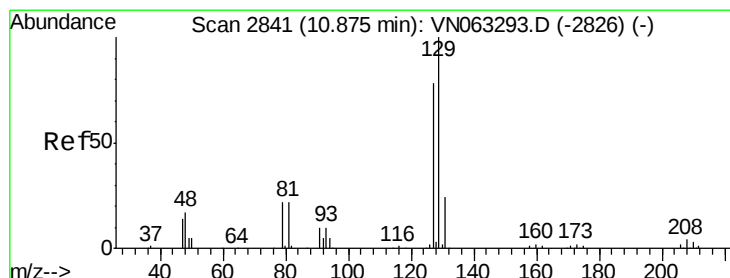
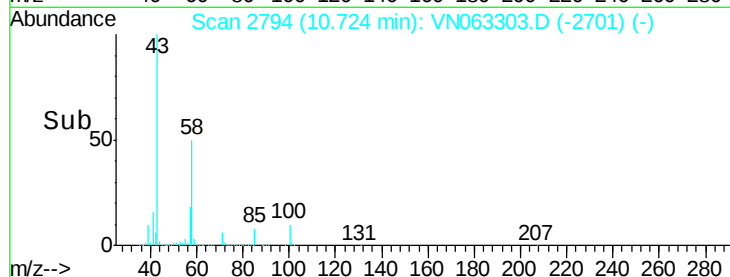
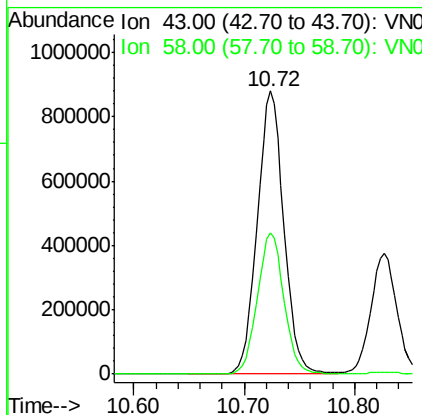
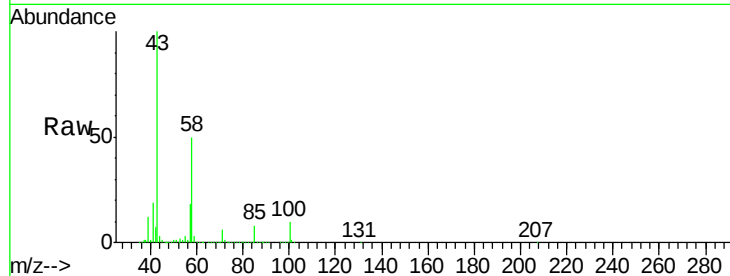
#59
2-Hexanone
Concen: 264.930 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1462945
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3

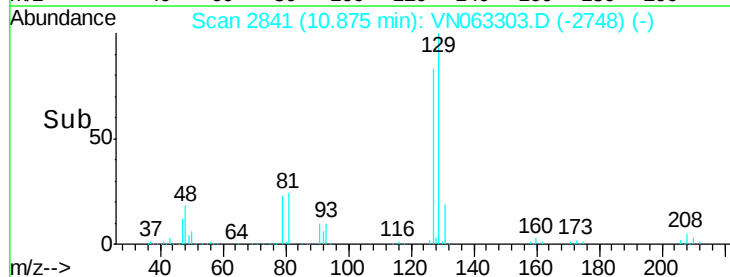
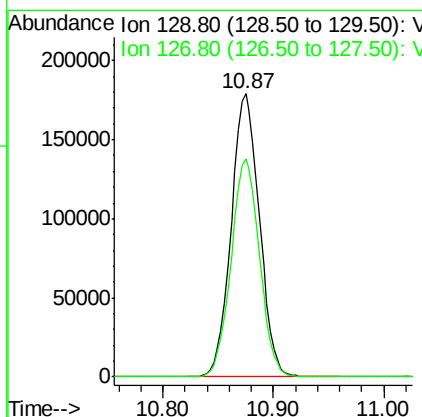
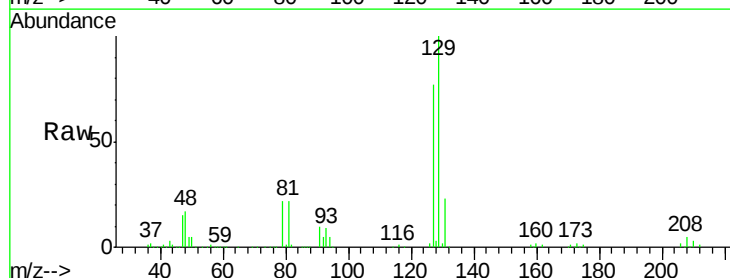
Manual Integrations
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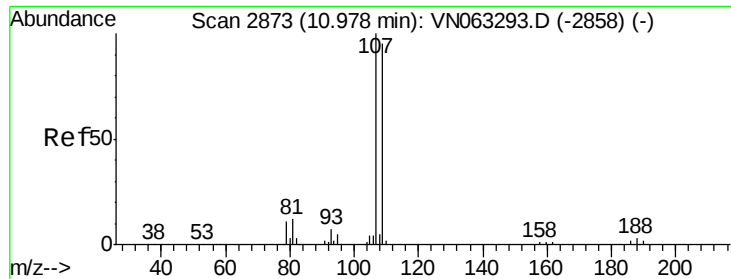
MMDadoda
9/11/2020 2:02:37 PM



#60
Dibromochloromethane
Concen: 51.924 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 129 Resp: 317725
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





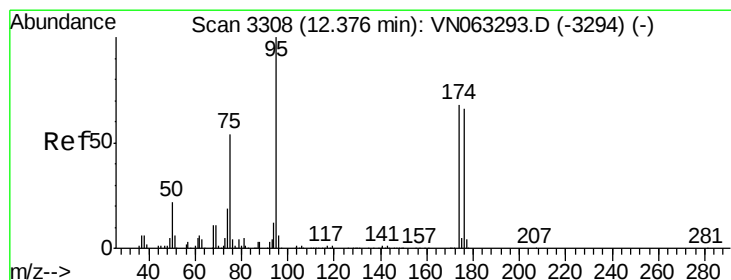
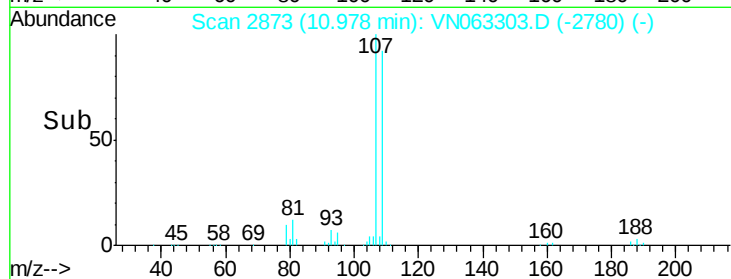
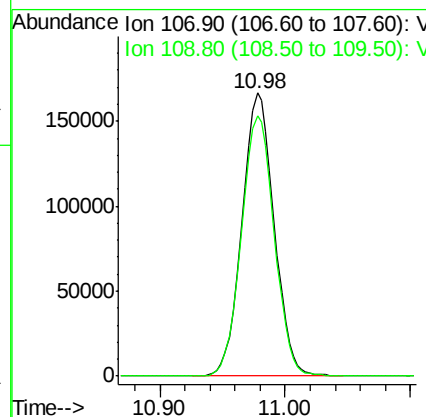
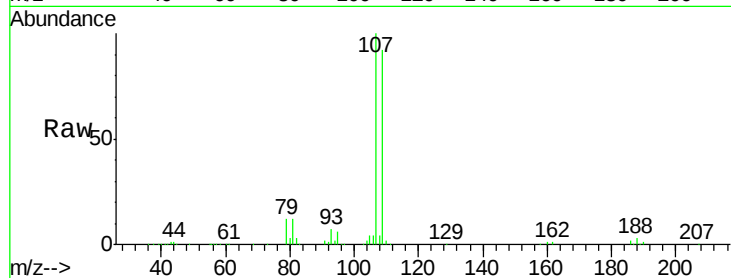
#61
 1,2-Dibromoethane
 Concen: 50.758 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.5	113.3

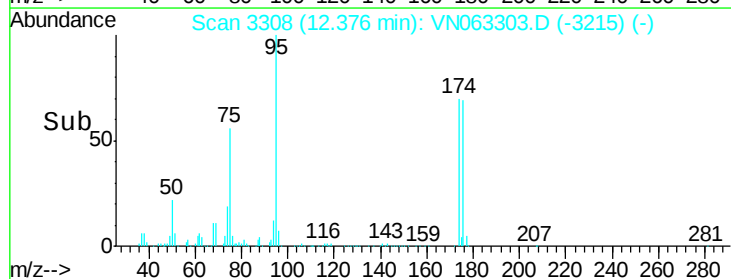
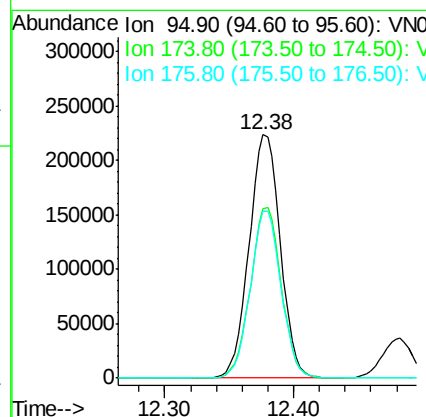
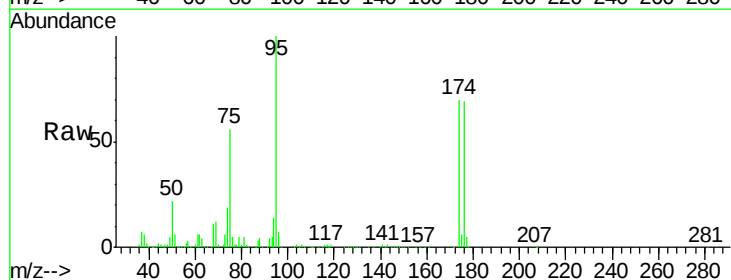
Manual Integrations
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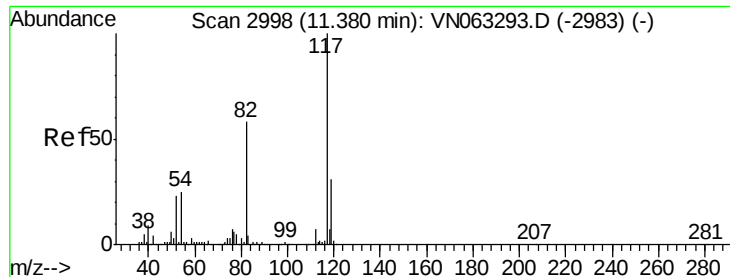
MMDadoda
 9/11/2020 2:02:37 PM



#62
 4-Bromofluorobenzene
 Concen: 52.223 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	136.6
176	67.5	0.0	132.8





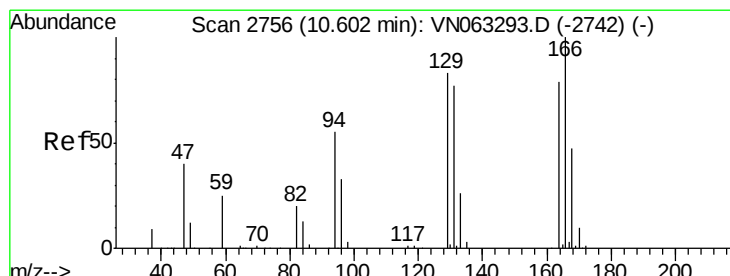
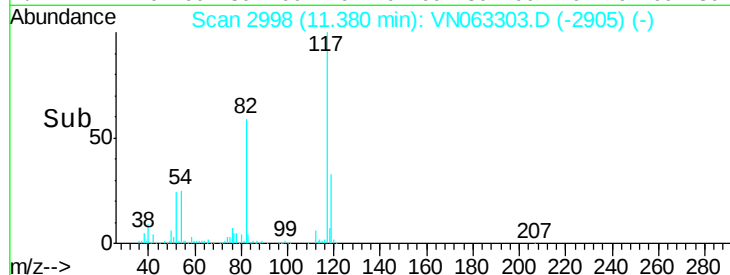
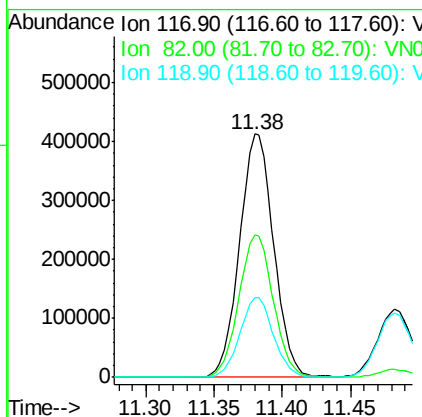
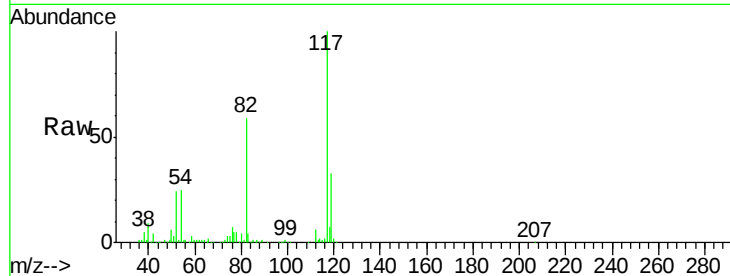
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.4	69.6
119	33.0	24.8	37.2

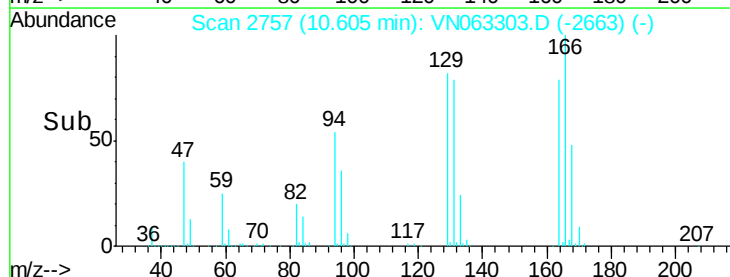
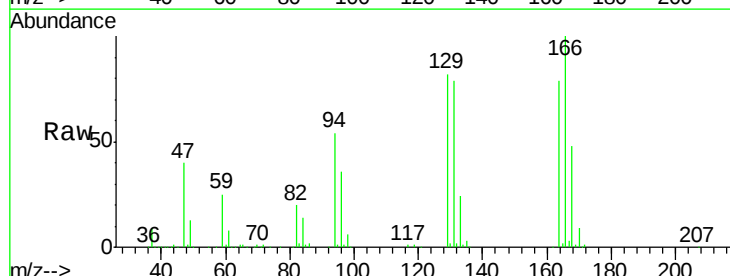
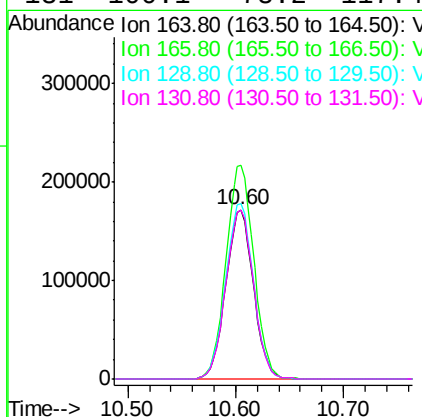
Manual Integrations
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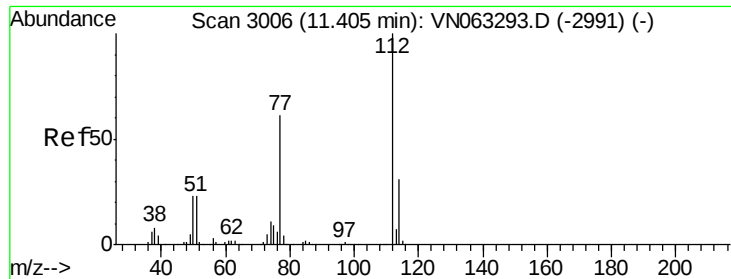
MMDadoda
9/11/2020 2:02:37 PM



#64
Tetrachloroethene
Concen: 52.087 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.3	151.9
129	103.8	83.7	125.5
131	100.1	78.2	117.4





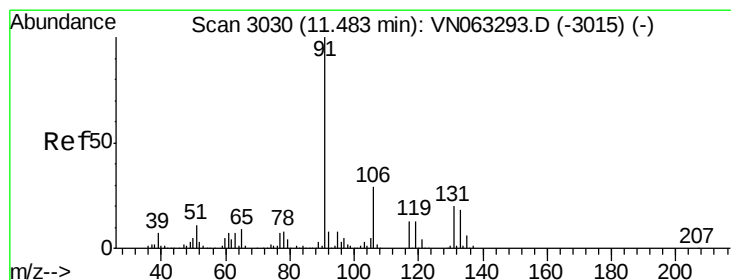
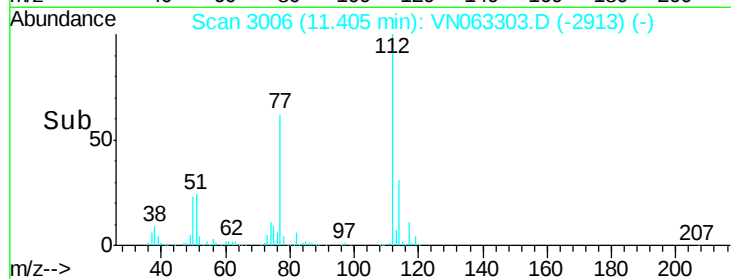
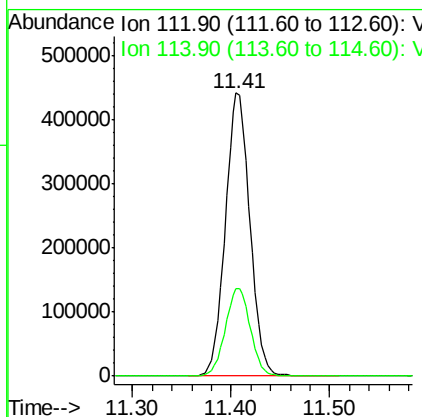
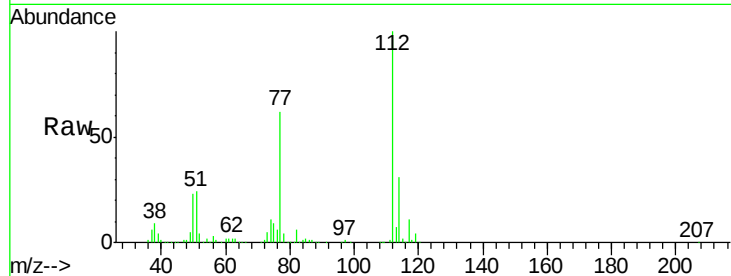
#65
Chlorobenzene
Concen: 49.966 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	24.6	36.8

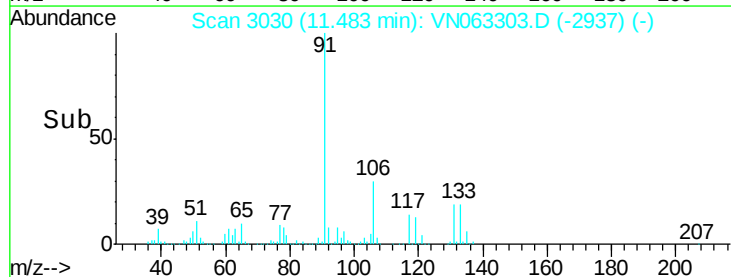
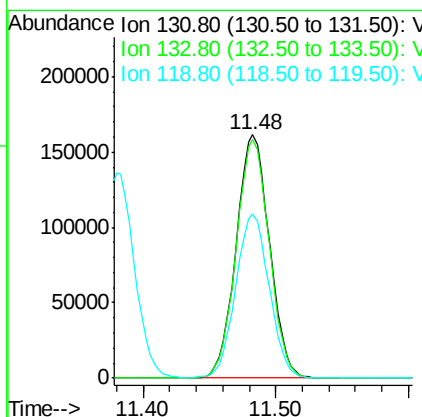
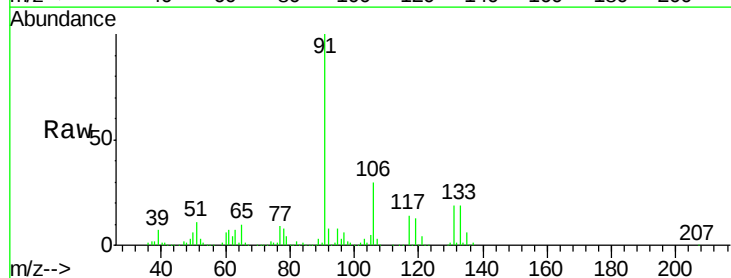
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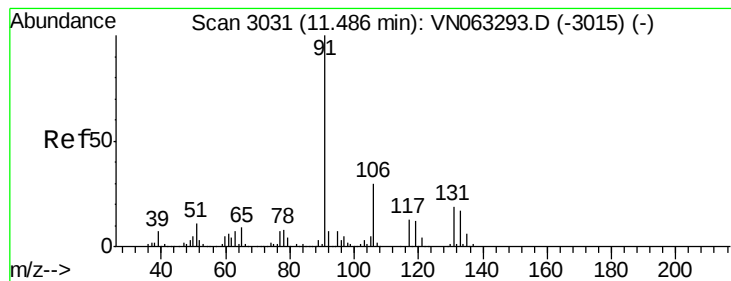
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.154 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	47.4	142.2
119	67.5	33.8	101.3





#67

Ethyl Benzene

Concen: 51.732 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1432378

Ion Ratio Lower Upper

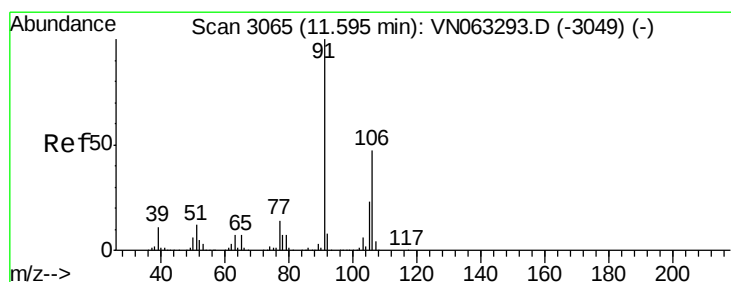
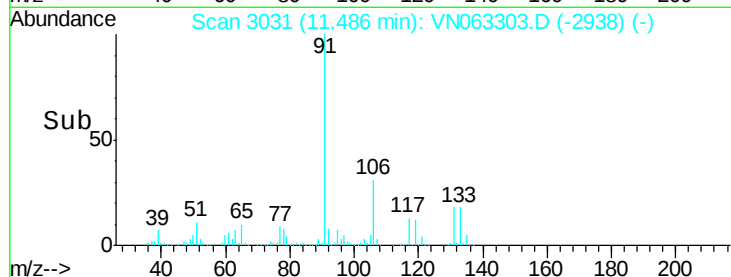
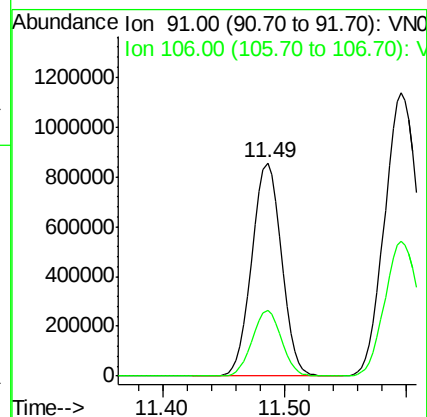
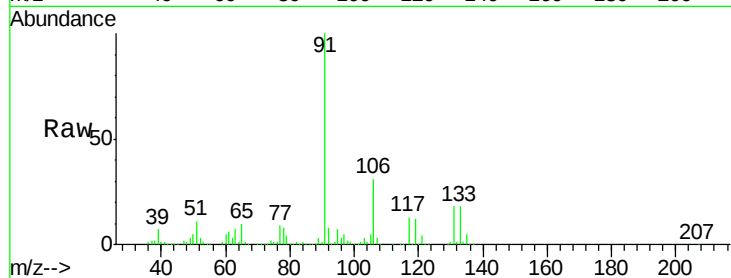
91 100

106 30.6 23.8 35.6

Manual Integrations
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9/11/2020 2:02:37 PM



#68

m/p-Xylenes

Concen: 102.702 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063303.D

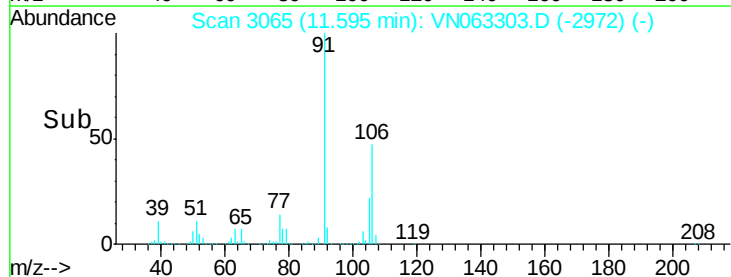
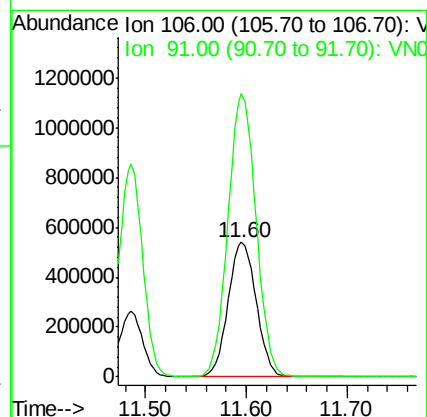
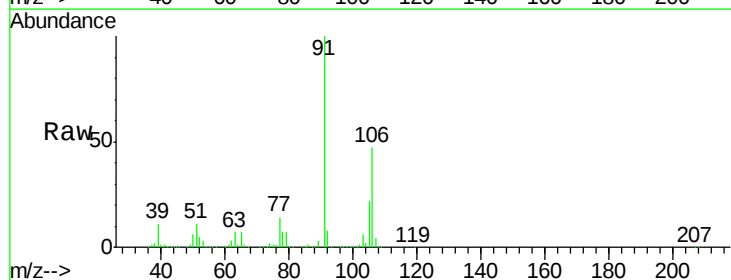
Acq: 10 Sep 2020 18:58

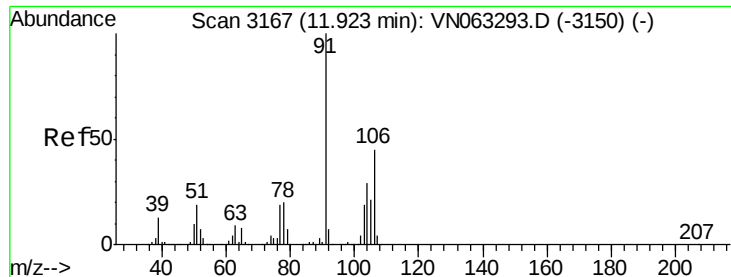
Tgt Ion: 106 Resp: 1051870

Ion Ratio Lower Upper

106 100

91 209.8 169.8 254.8





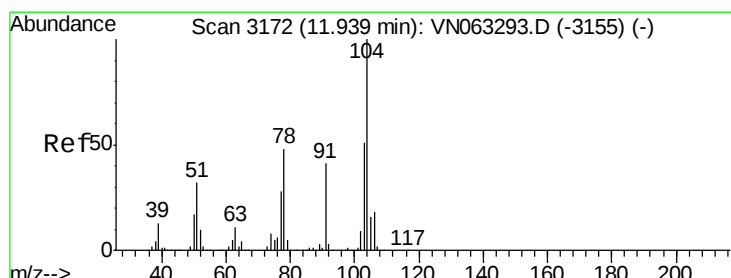
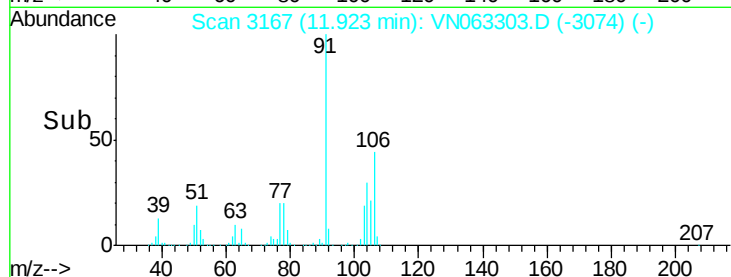
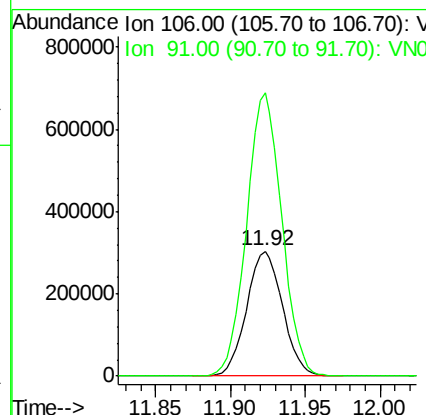
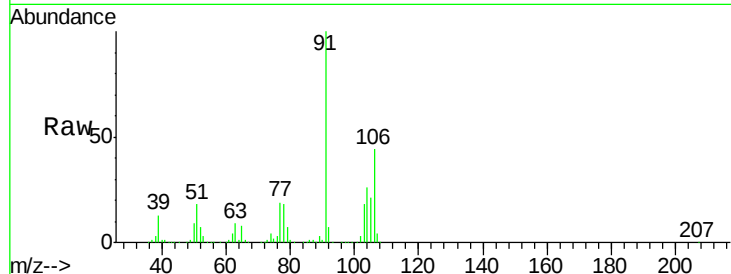
#69
o-Xylene
Concen: 51.666 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.1	111.5	334.4

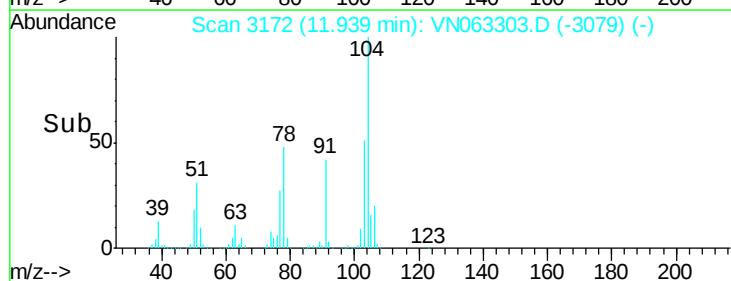
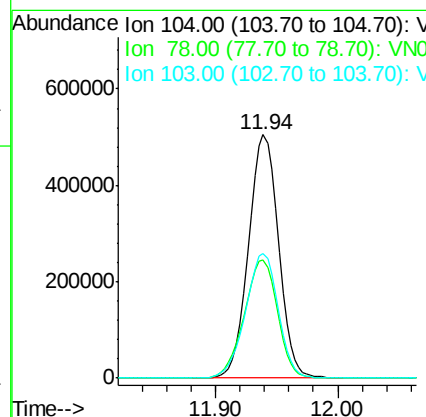
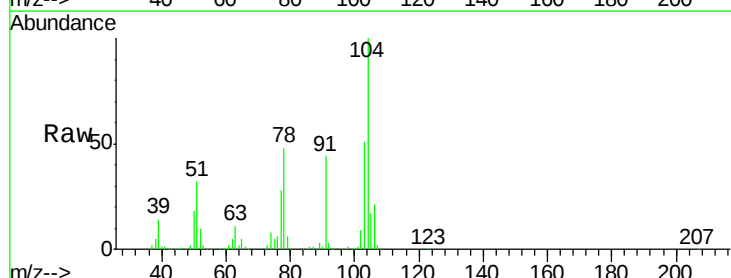
Manual Integrations
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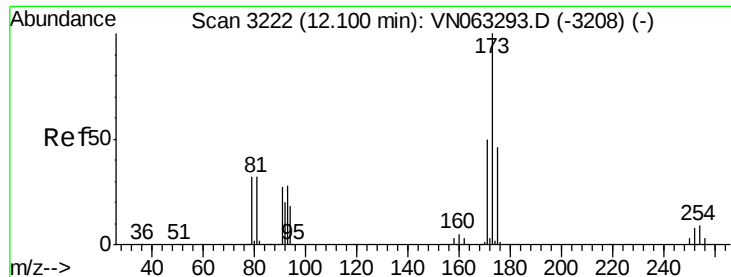
MMDadoda
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#70
Styrene
Concen: 52.323 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.2	42.9	64.3
103	55.9	44.2	66.2





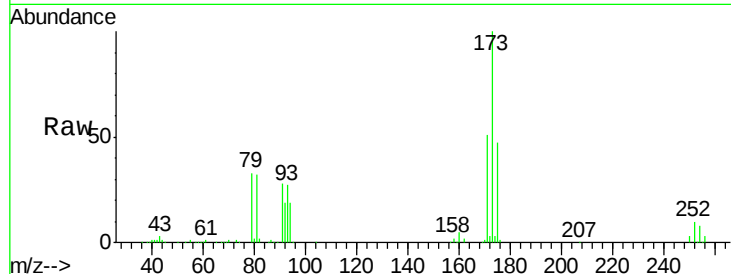
#71
Bromoform
Concen: 51.936 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.8	71.5
254	0.1	0.0	0.0

Manual Integrations
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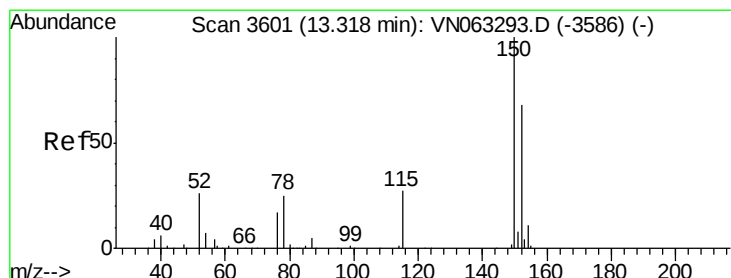
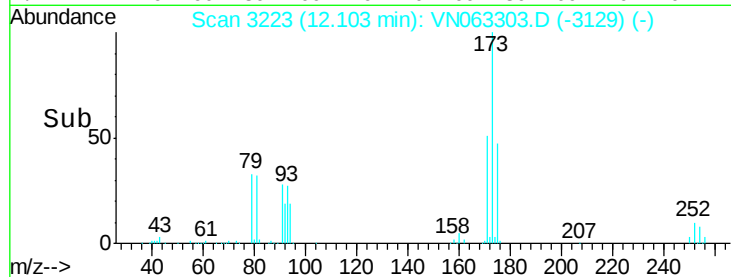
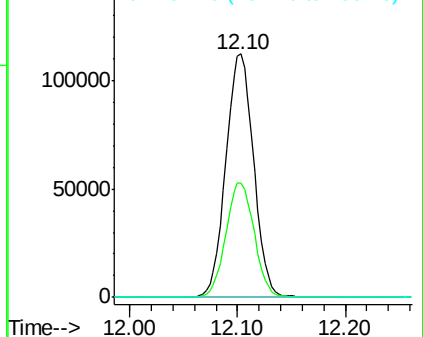


Abundance

Ion 172.70 (172.40 to 173.40): V

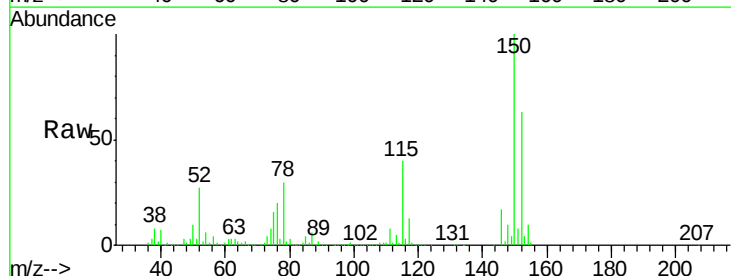
Ion 174.70 (174.40 to 175.40): V

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: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	31.5	94.5
150	176.6	0.0	344.0

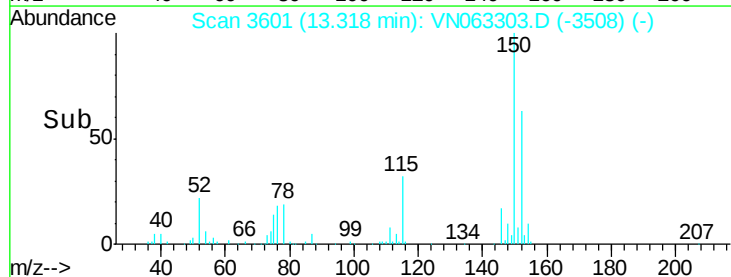
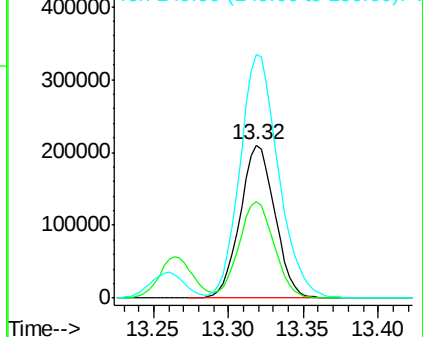


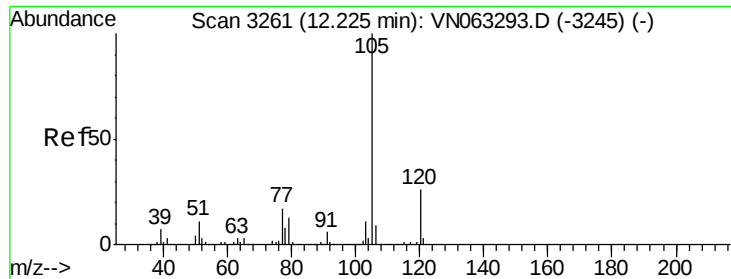
Abundance

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: 49.763 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1362054

Ion Ratio Lower Upper

105 100

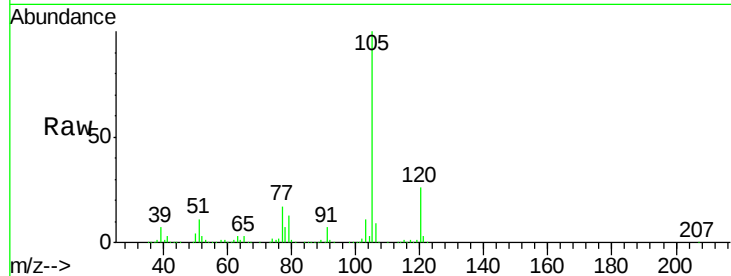
120 25.8 13.0 38.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

200000

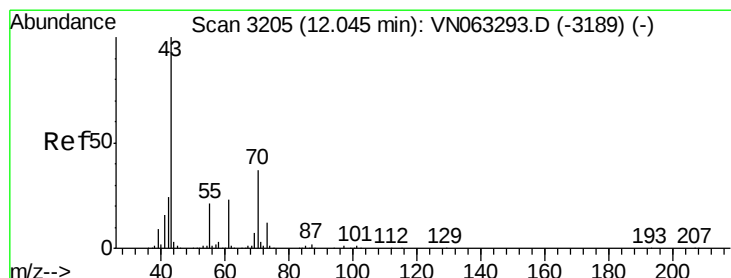
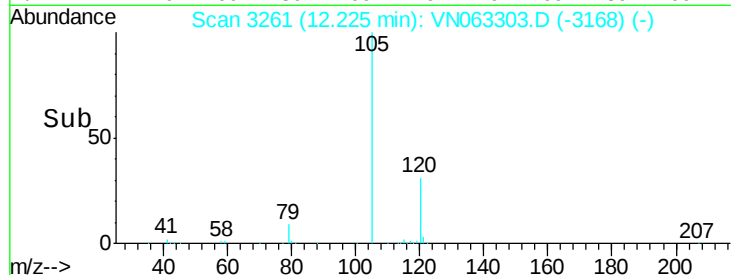
0

12.23

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 55.432 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Tgt Ion: 43 Resp: 622892

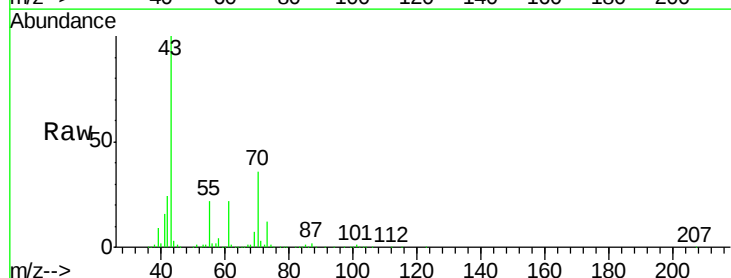
Ion Ratio Lower Upper

43 100

70 36.4 29.3 43.9

55 21.7 17.0 25.6

61 22.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

600000

500000

400000

300000

200000

100000

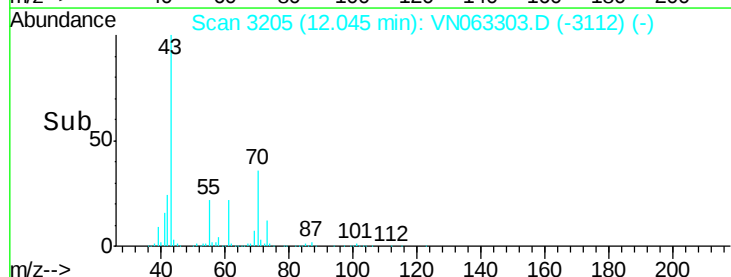
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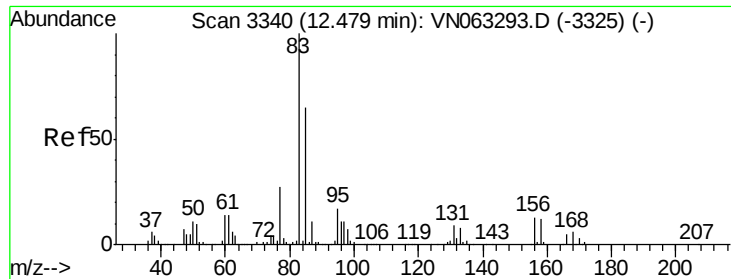
12.05

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.560 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 380648

Ion Ratio Lower Upper

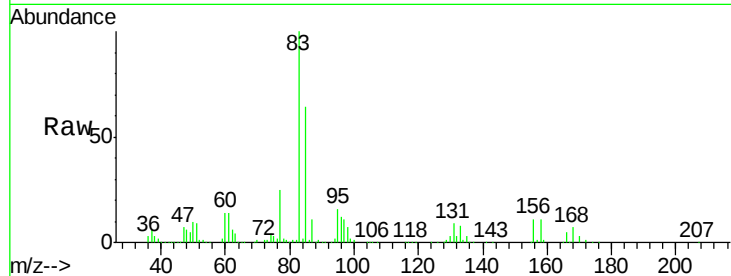
83 100

131 9.5 4.7 14.1

85 64.0 32.0 96.2

Manual Integrations
APPROVED

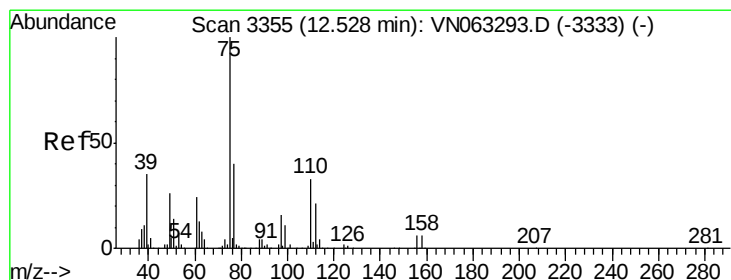
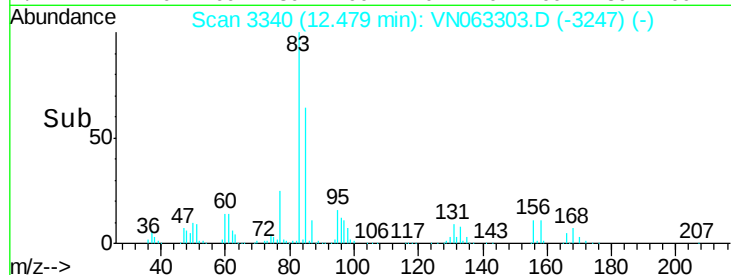
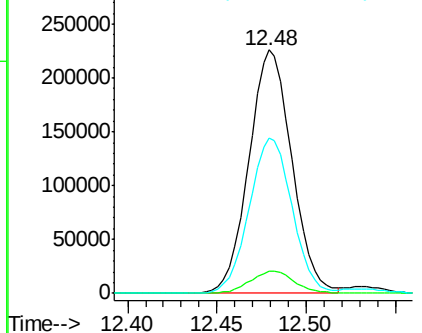
MMDadoda
9/11/2020 2:02:37 PM



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 46.672 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063303.D

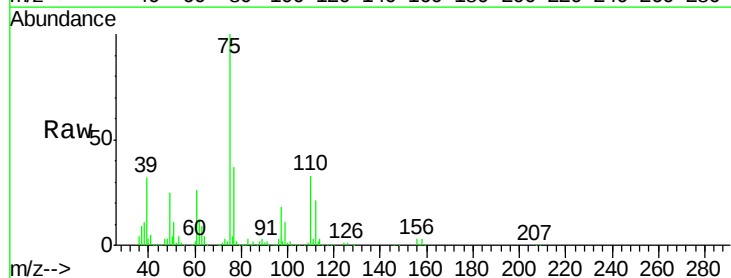
Acq: 10 Sep 2020 18:58

Tgt Ion: 75 Resp: 349396

Ion Ratio Lower Upper

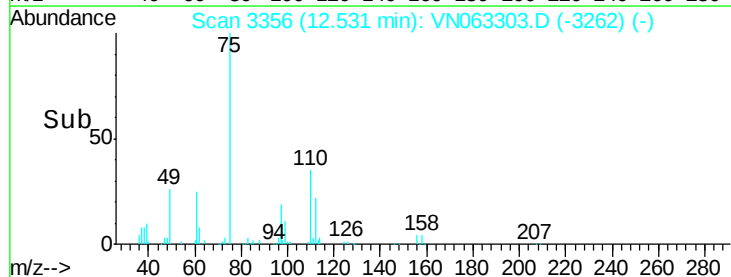
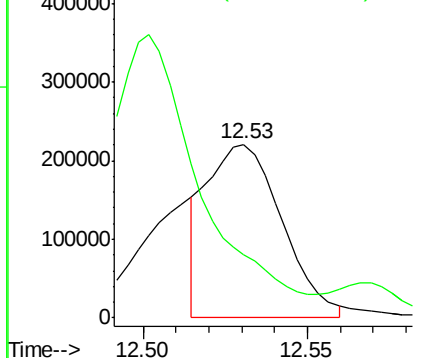
75 100

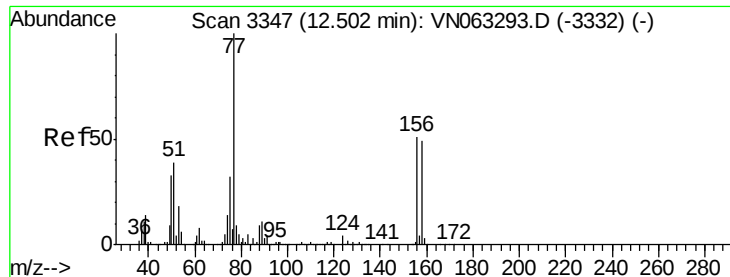
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 49.180 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 309411

Ion Ratio Lower Upper

156 100

77 234.5 117.4 352.2

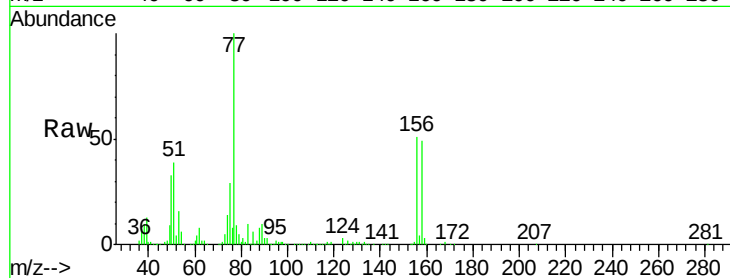
158 95.2 48.8 146.4

Manual Integrations

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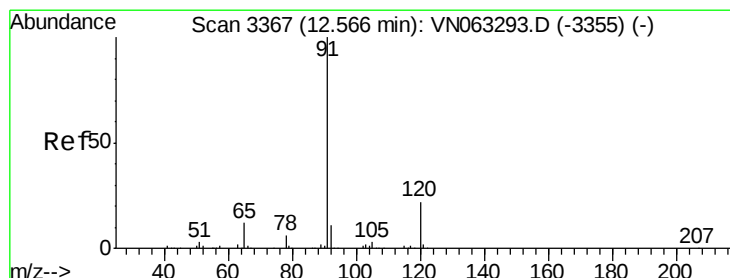
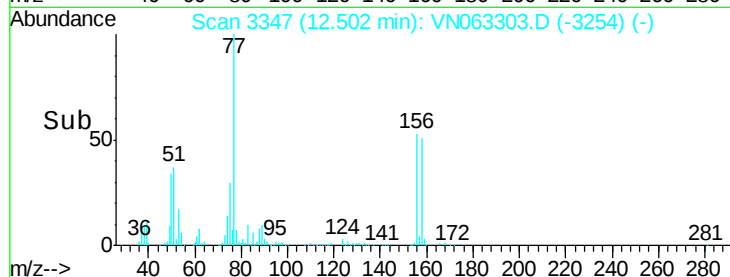
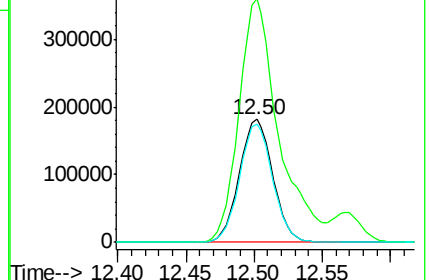
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.281 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063303.D

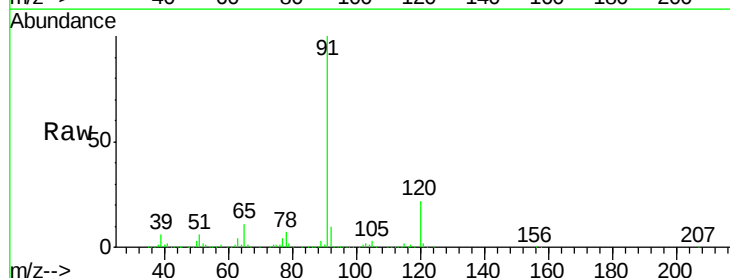
Acq: 10 Sep 2020 18:58

Tgt Ion: 91 Resp: 1594519

Ion Ratio Lower Upper

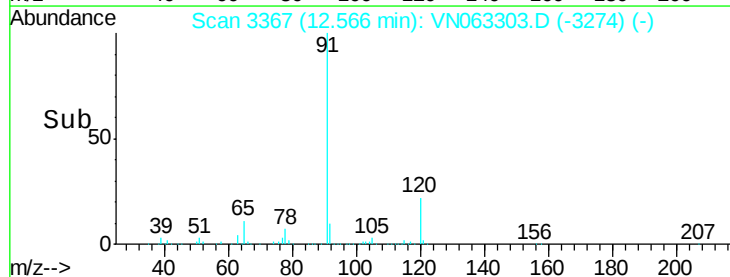
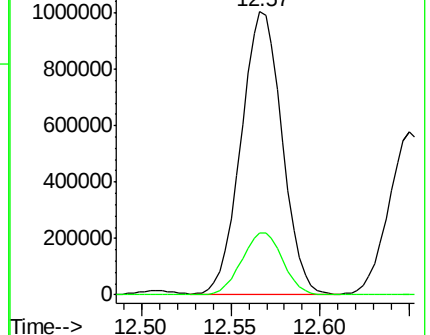
91 100

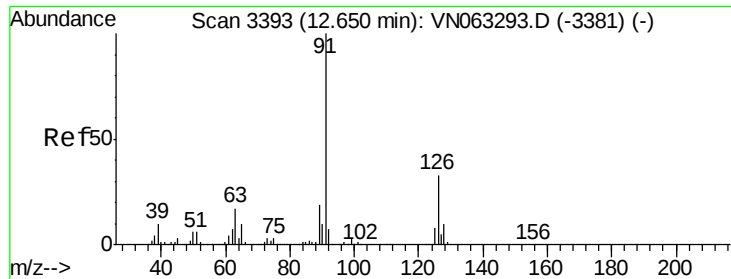
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





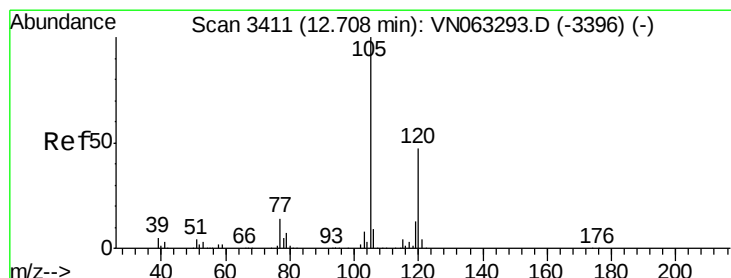
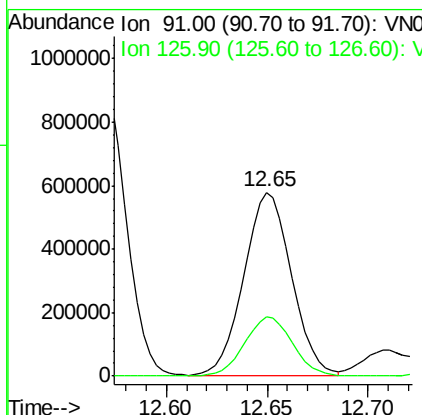
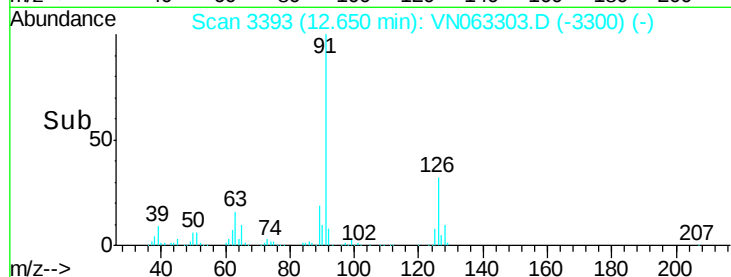
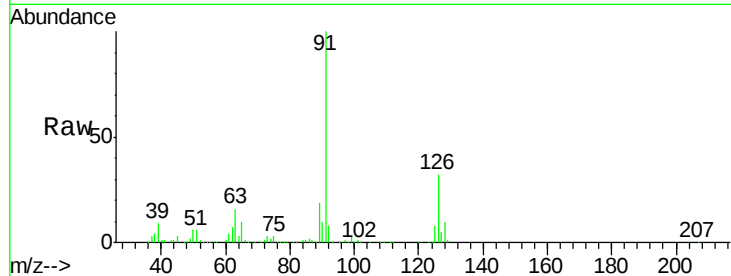
#79
 2-Chlorotoluene
 Concen: 49.593 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 948132
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.8

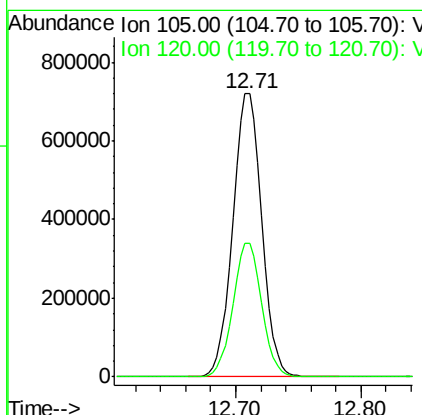
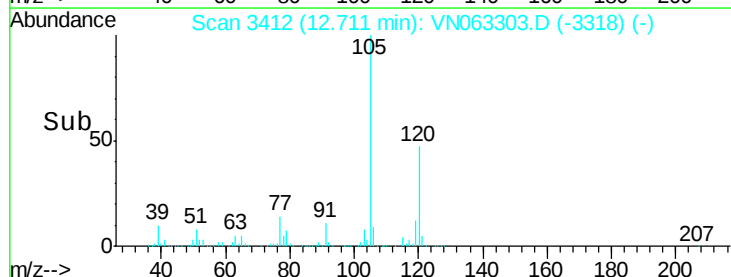
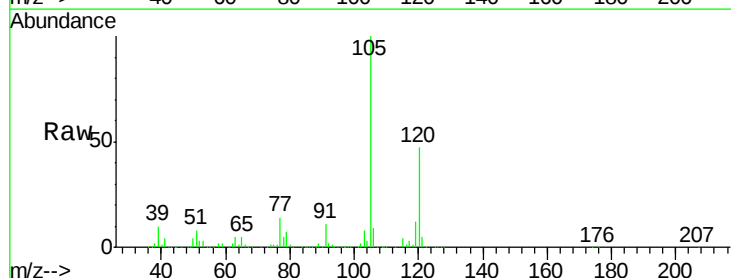
Manual Integrations
 APPROVED

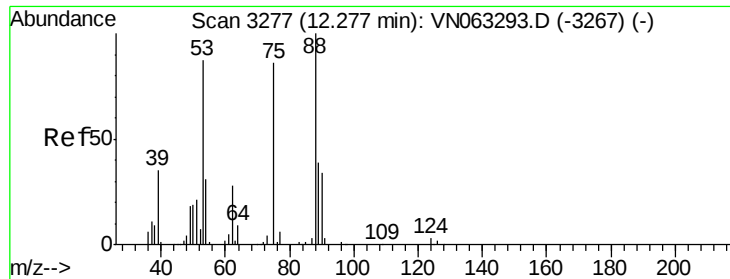
MMDadoda
 9/11/2020 2:02:37 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.518 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion: 105 Resp: 1148122
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0





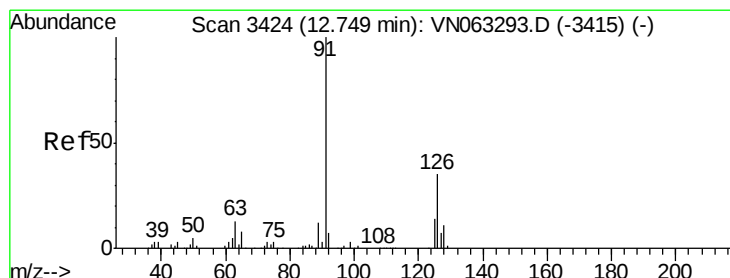
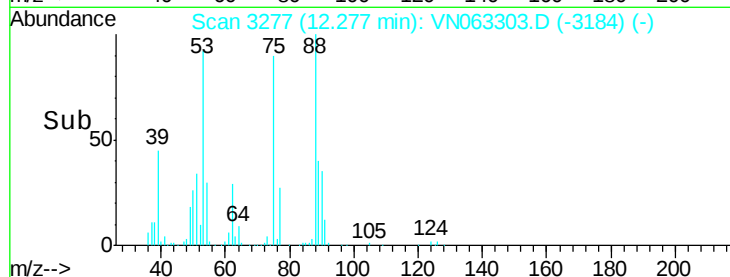
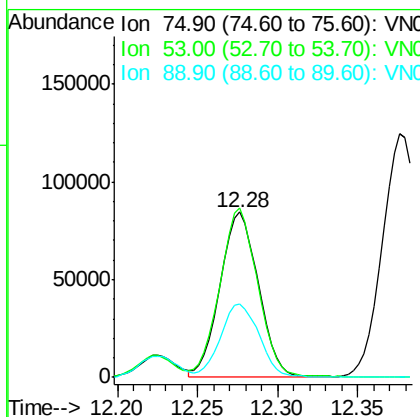
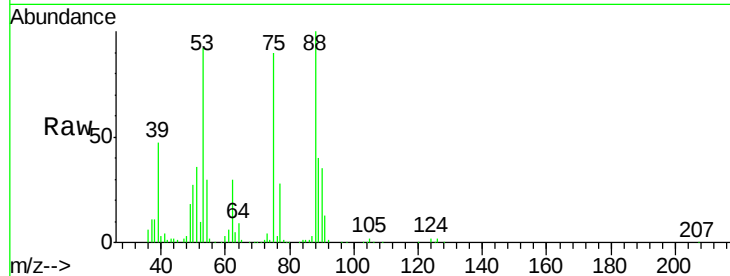
#81
trans-1,4-Dichloro-2-butene
Concen: 49.858 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	81.8	122.8
89	44.6	36.7	55.1

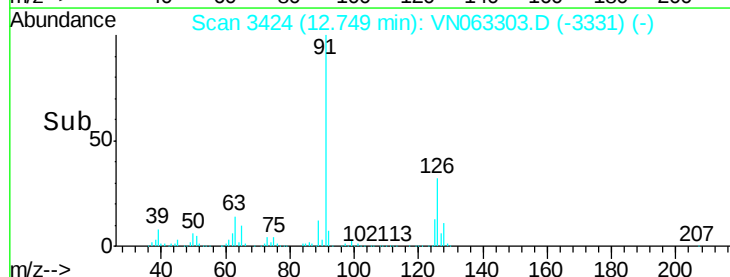
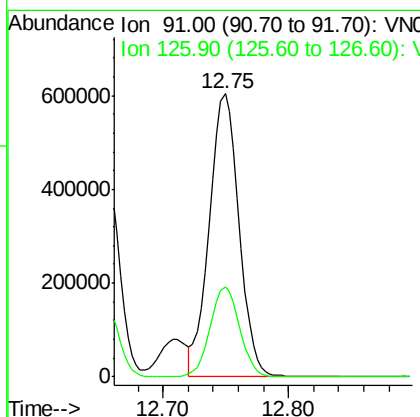
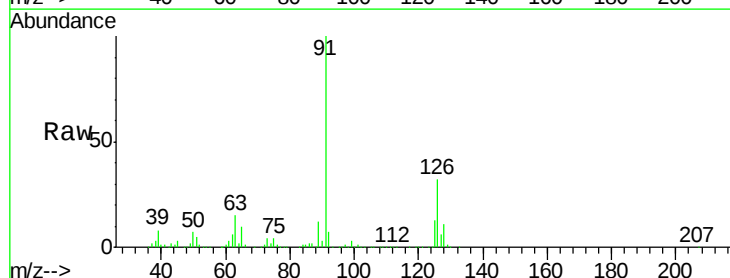
Manual Integrations
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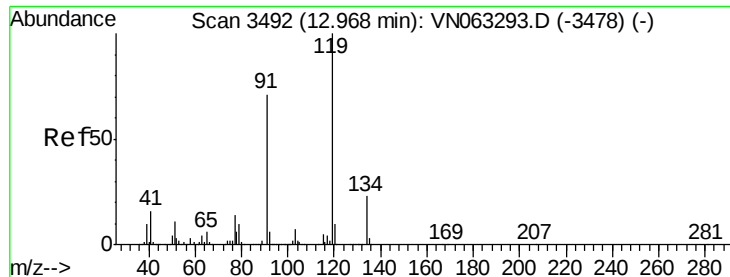
MMDadoda
9/11/2020 2:02:37 PM



#82
4-Chlorotoluene
Concen: 49.400 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.9	47.7





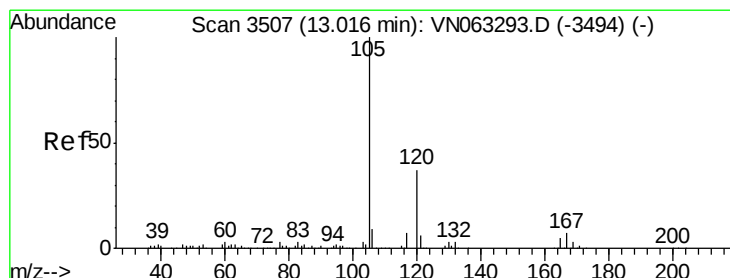
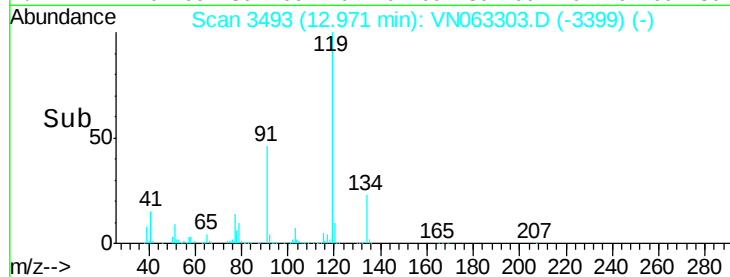
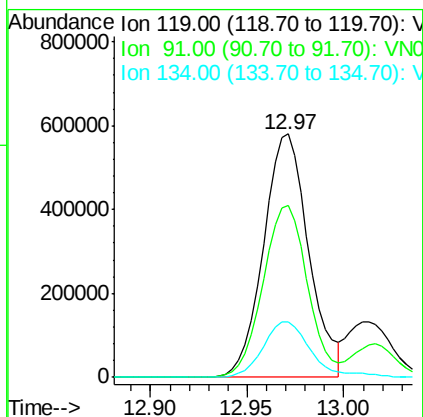
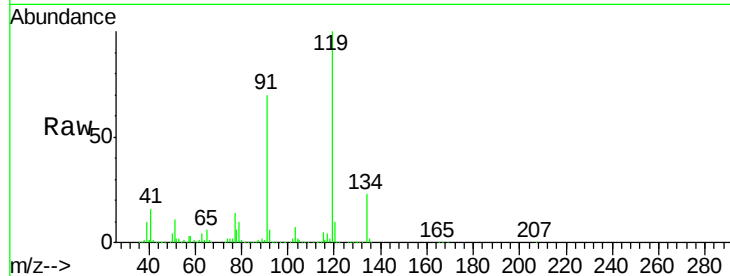
#83
 tert-Butylbenzene
 Concen: 49.157 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.4	34.8	104.3
134	24.3	11.9	35.5

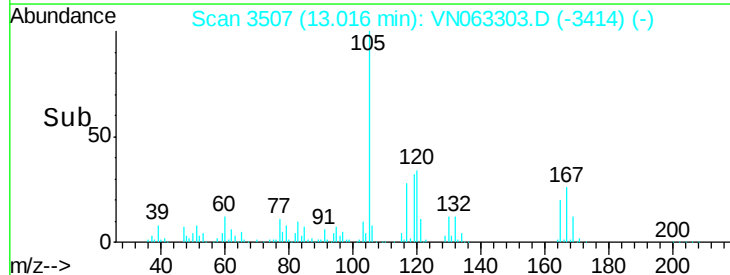
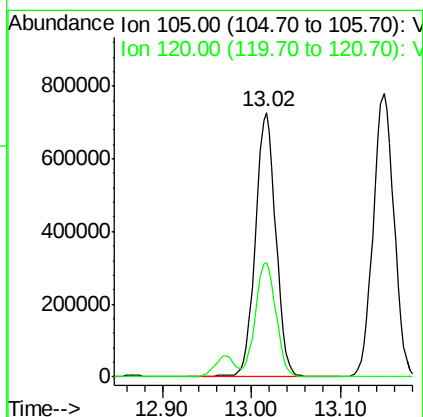
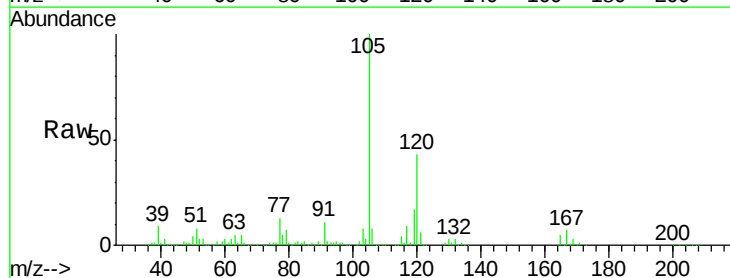
Manual Integrations
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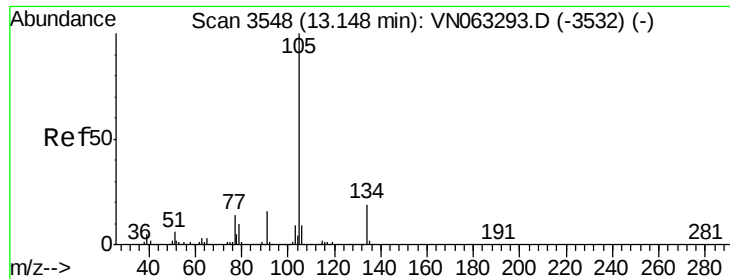
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 9/11/2020 2:02:37 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.718 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.8	65.4





#85

sec-Butylbenzene

Concen: 51.223 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1256104

Ion Ratio Lower Upper

105 100

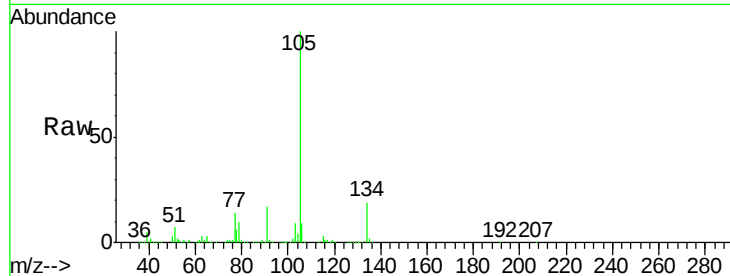
134 19.1 9.4 28.3

Manual Integrations

APPROVED

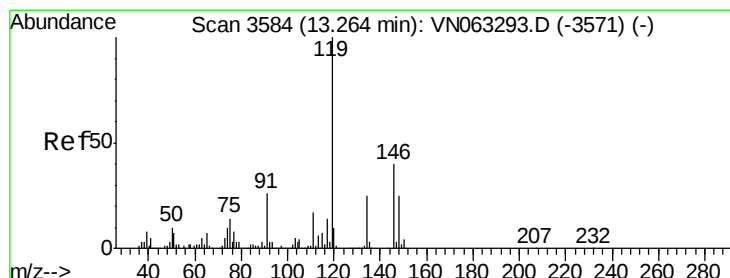
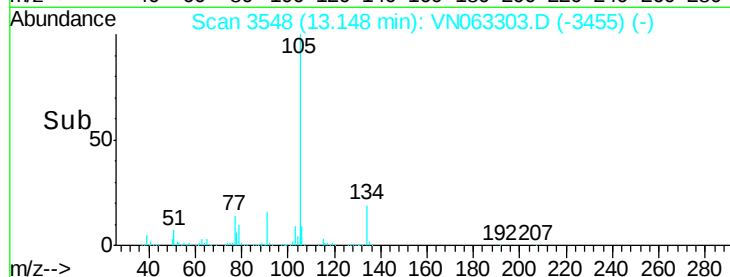
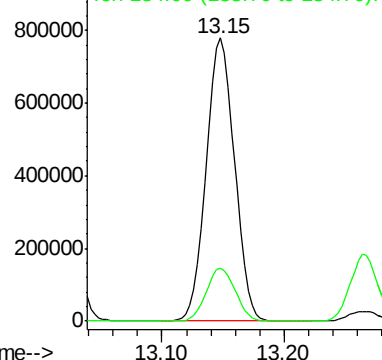
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.999 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

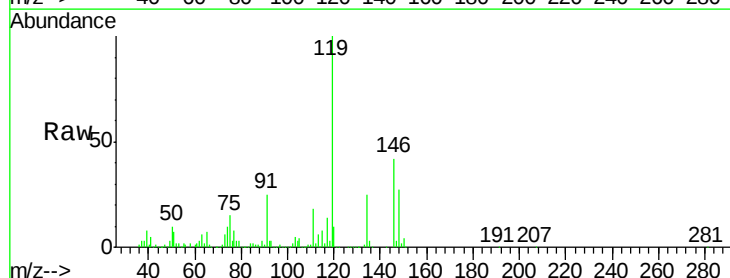
Tgt Ion:119 Resp: 1146521

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.8

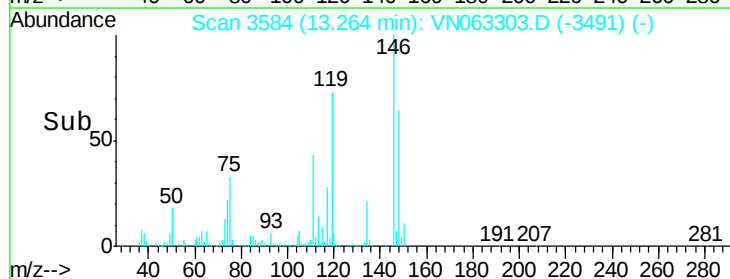
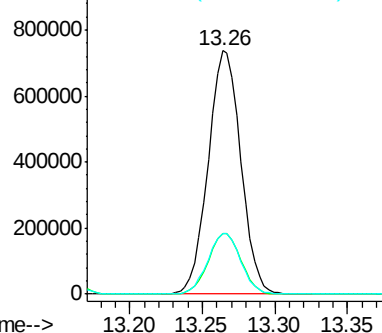
91 25.3 12.8 38.3

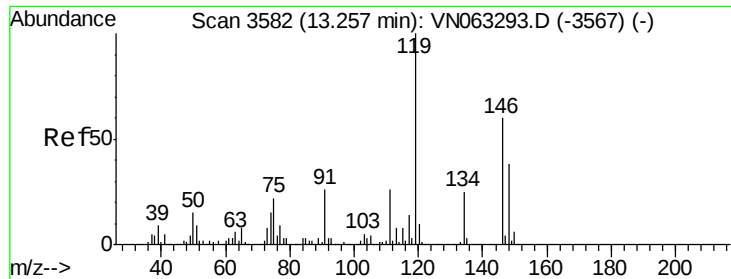


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





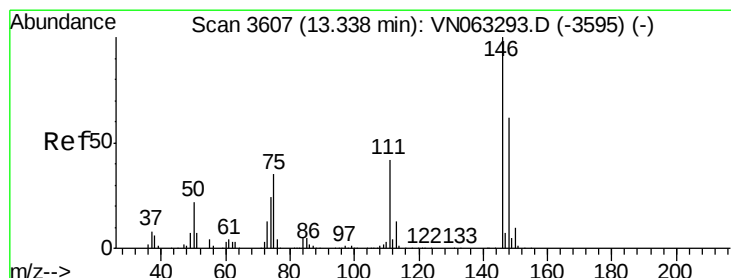
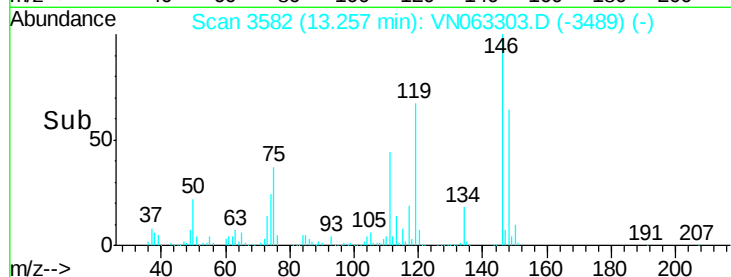
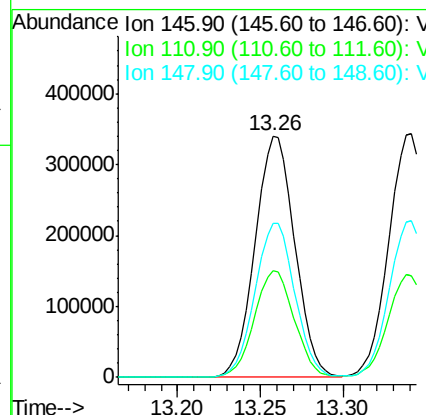
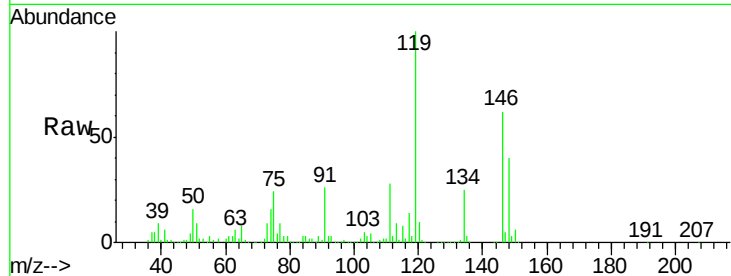
#87
 1,3-Dichlorobenzene
 Concen: 49.254 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	566509		
111	44.1	21.8	65.4	
148	63.9	31.8	95.4	

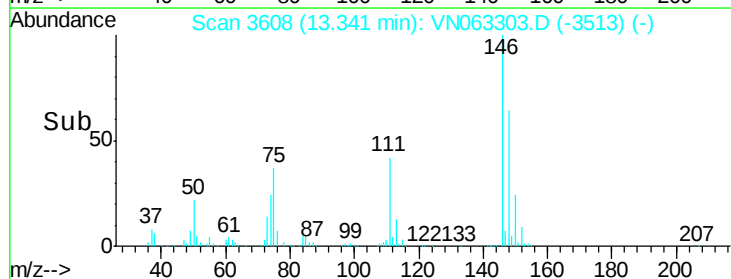
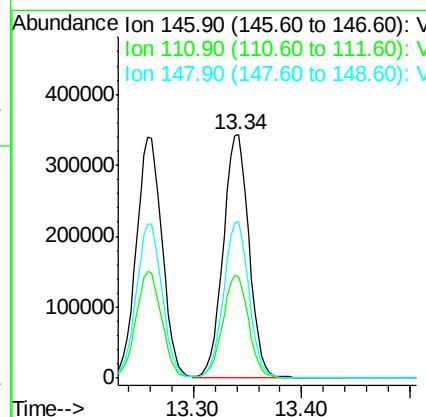
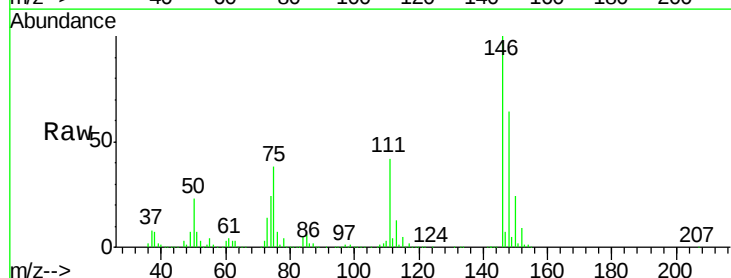
Manual Integrations
 APPROVED

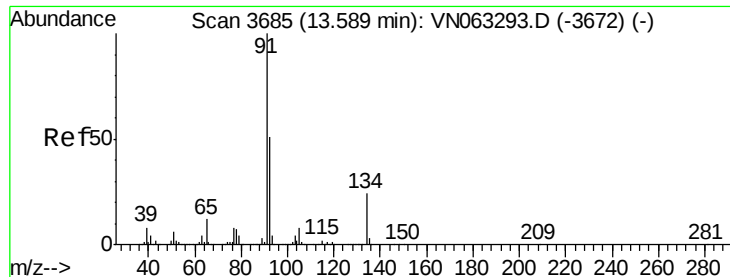
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 9/11/2020 2:02:37 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.840 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	569763		
111	42.2	21.3	64.0	
148	63.4	31.5	94.5	





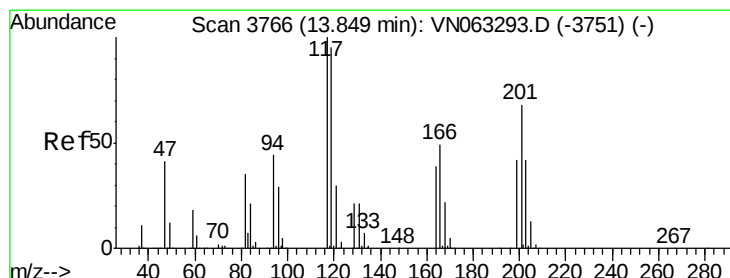
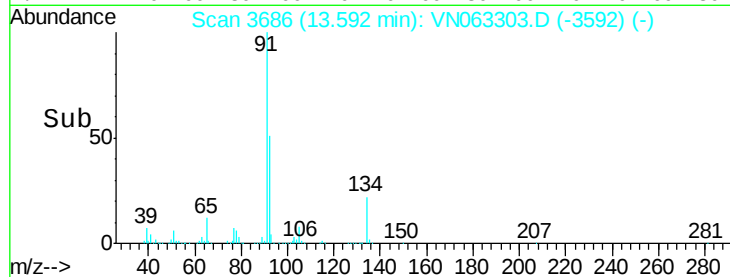
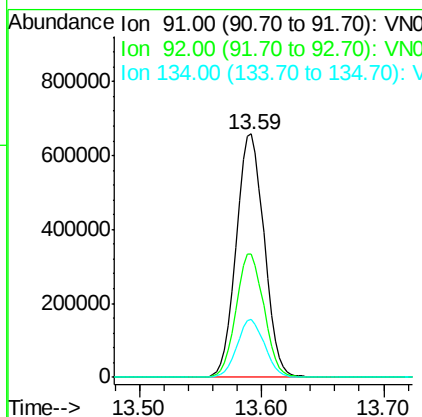
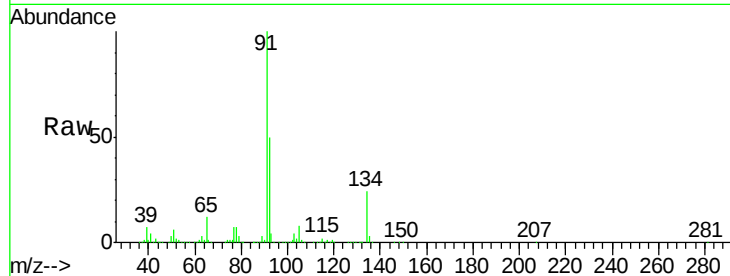
#89
n-Butylbenzene
Concen: 51.545 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.8	77.3
134	23.3	12.0	36.0

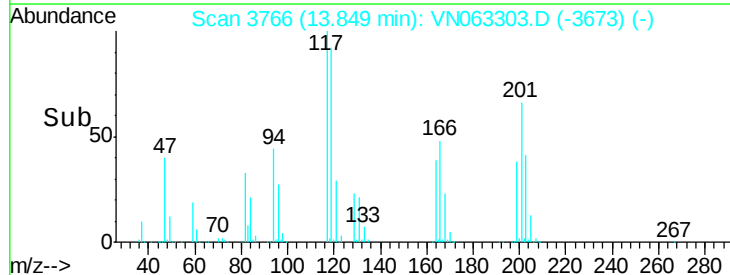
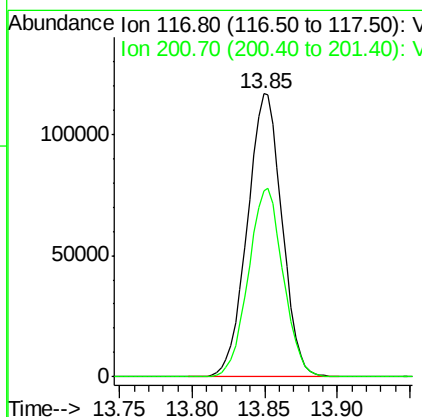
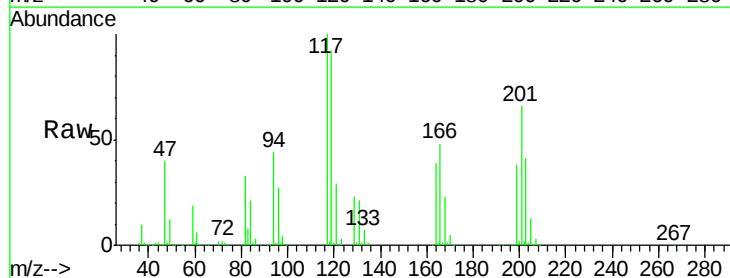
Manual Integrations
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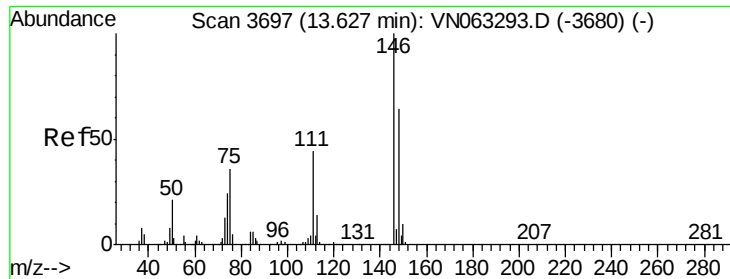
MMDadoda
9/11/2020 2:02:37 PM



#90
Hexachloroethane
Concen: 52.546 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.8	33.5	100.4





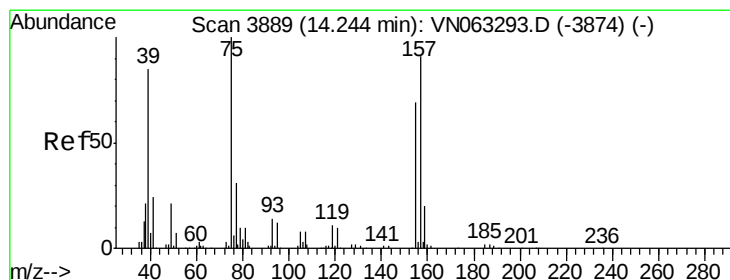
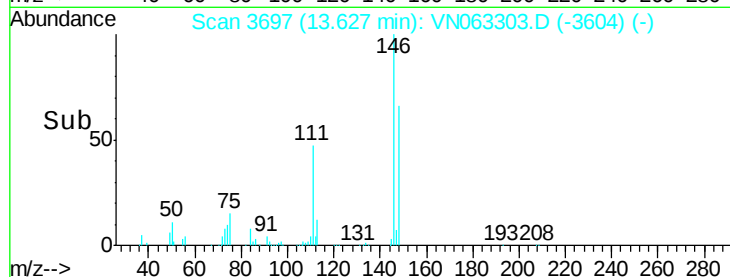
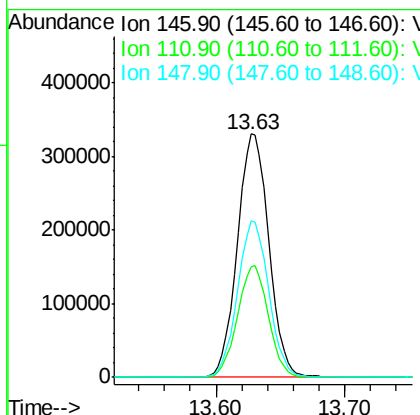
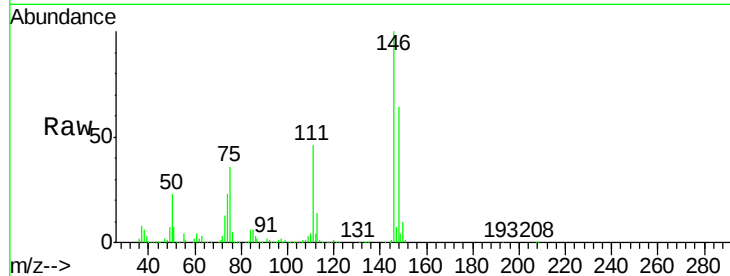
#91
 1,2-Dichlorobenzene
 Concen: 49.456 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.5
148	63.8	31.8	95.3

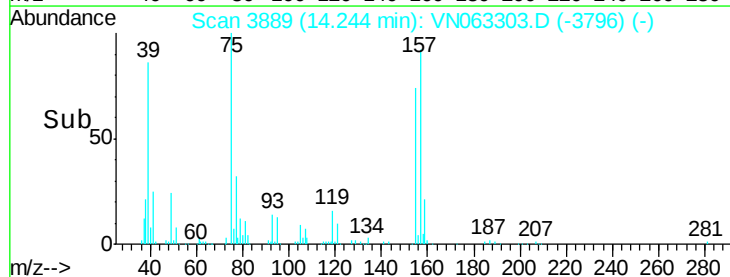
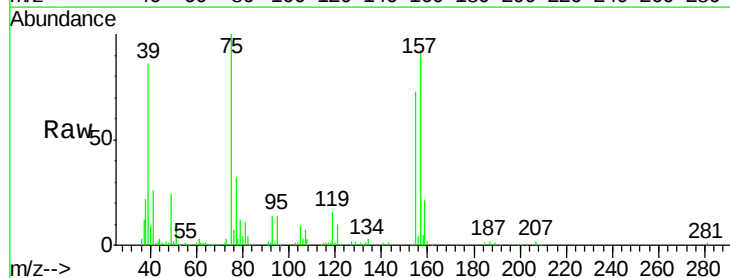
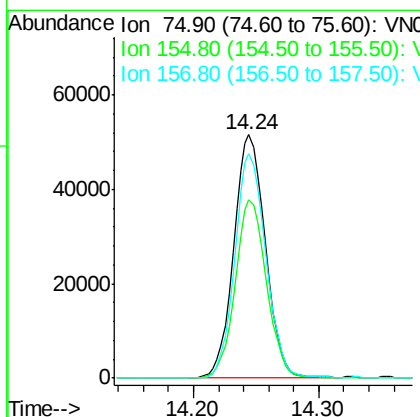
Manual Integrations
 APPROVED

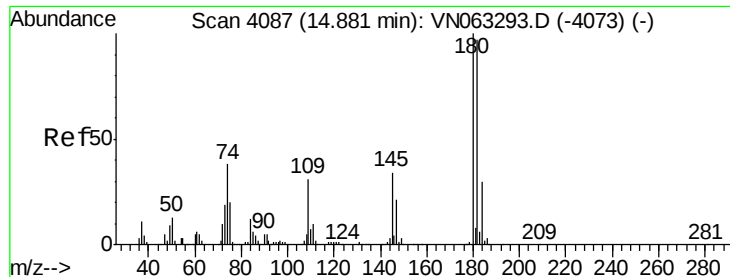
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.623 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.2	35.3	105.7
157	90.5	46.7	140.0





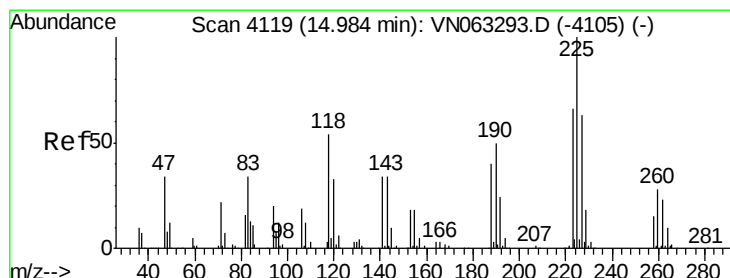
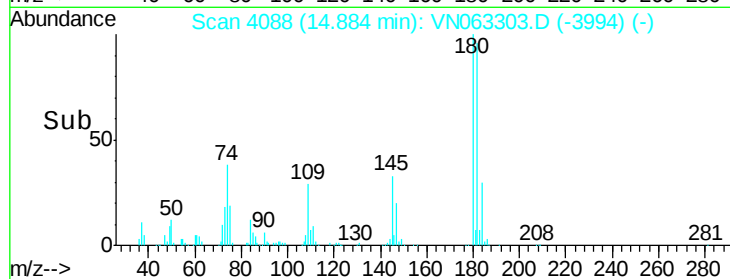
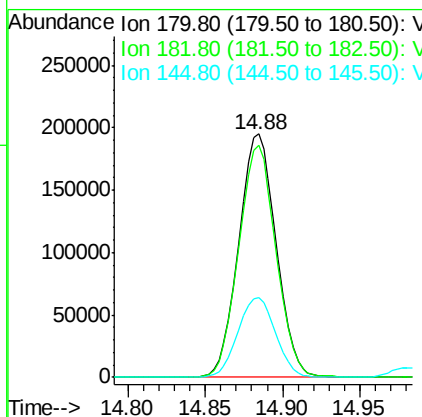
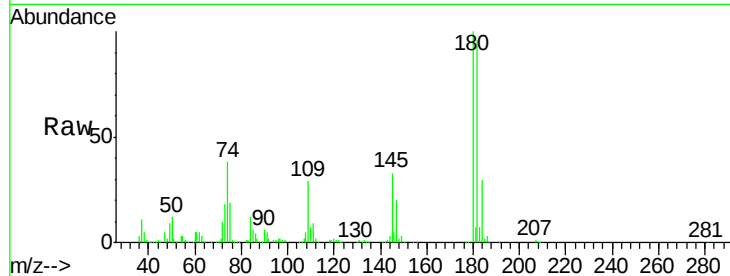
#93
 1,2,4-Trichlorobenzene
 Concen: 49.224 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	327539		
182	95.6	48.0	144.2	
145	33.1	16.6	49.8	

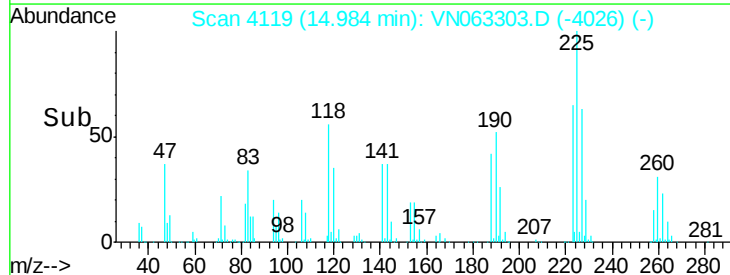
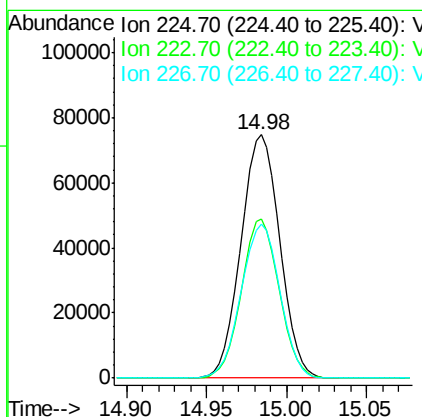
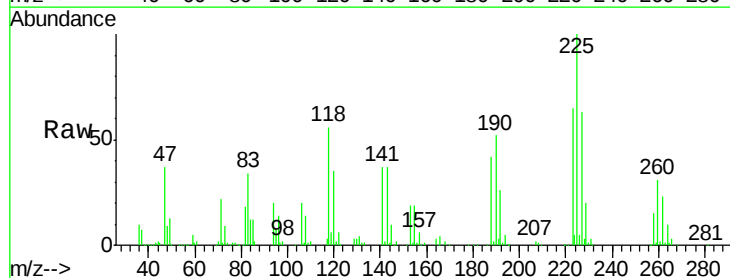
Manual Integrations
 APPROVED

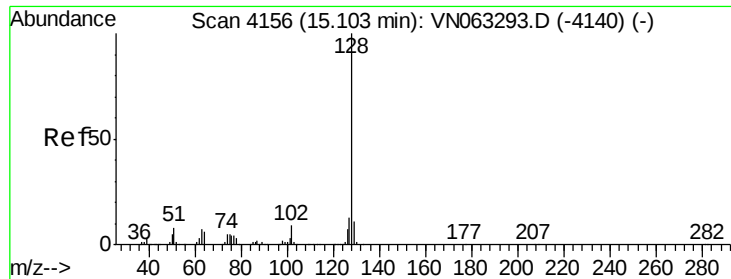
MMDadoda
 9/11/2020 2:02:37 PM



#94
 Hexachlorobutadiene
 Concen: 51.644 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123771		
223	63.3	31.3	93.9	
227	63.1	31.2	93.6	





#95

Naphthalene

Concen: 51.873 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

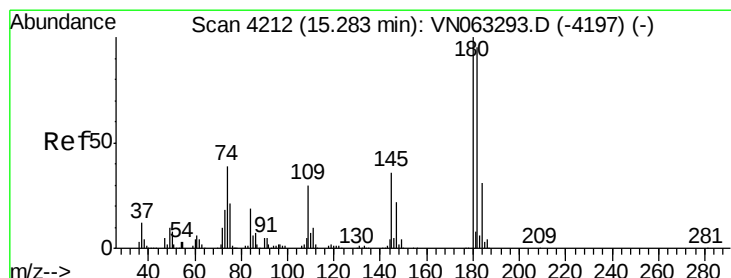
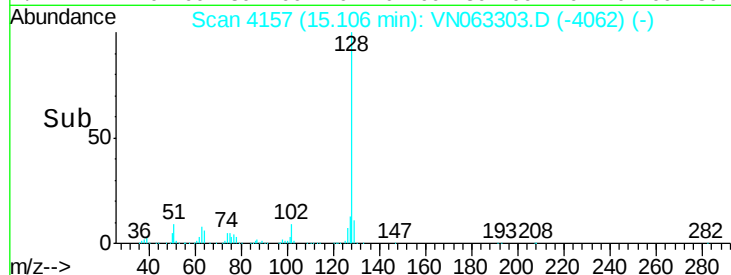
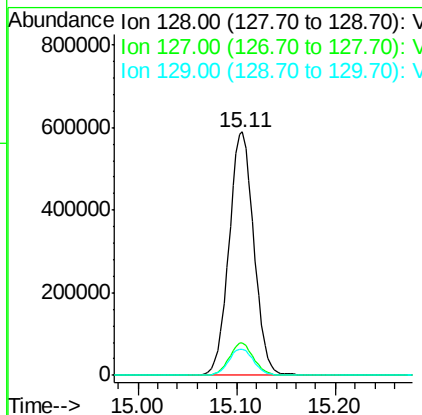
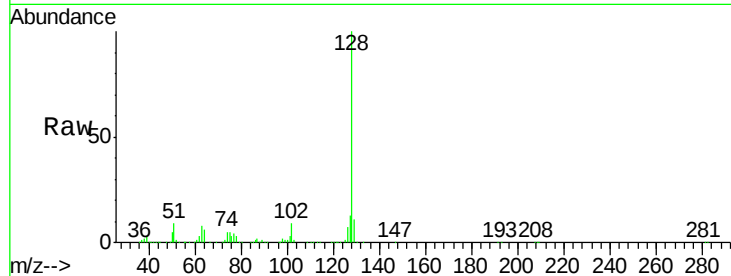
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	1037137
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 52.235 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Tgt Ion:	180	Resp:	311690
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	34.3	17.2	51.6

