

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061886.D
 Acq On : 18 Jun 2020 7:05
 Operator : JC/MD
 Sample : L3011-10MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:05 AM

Quant Time: Jun 18 07:36:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	150257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	94652	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
35) Dibromofluoromethane	7.55	113	82240	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
50) Toluene-d8	10.06	98	316514	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.38	95	107837	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	99921	51.102	ug/l	97
3) Chloromethane	2.03	50	104344	50.029	ug/l	99
4) Vinyl Chloride	2.16	62	132841	53.428	ug/l	100
5) Bromomethane	2.52	94	90640	47.472	ug/l	98
6) Chloroethane	2.67	64	86925	51.657	ug/l	99
7) Trichlorofluoromethane	2.98	101	153410	51.655	ug/l	99
8) Diethyl Ether	3.37	74	49925	50.003	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	76150	49.979	ug/l	100
10) Methyl Iodide	3.91	142	93911	50.956	ug/l	98
11) Tert butyl alcohol	4.73	59	65365	234.402	ug/l	98
12) 1,1-Dichloroethene	3.69	96	79608	52.144	ug/l	93
13) Acrolein	3.56	56	37585	225.510	ug/l	99
14) Allyl chloride	4.27	41	96736	47.742	ug/l	99
15) Acrylonitrile	4.93	53	176978	256.131	ug/l	99
16) Acetone	3.77	43	139787	234.840	ug/l	97
17) Carbon Disulfide	4.01	76	222893	49.897	ug/l	99
18) Methyl Acetate	4.28	43	73205	42.717	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	254253	50.018	ug/l	100
20) Methylene Chloride	4.50	84	92588	47.743	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	88573	50.510	ug/l	97
22) Diisopropyl ether	5.90	45	221503	47.798	ug/l	98
23) Vinyl Acetate	5.84	43	772186	211.863	ug/l	99
24) 1,1-Dichloroethane	5.80	63	149146	49.165	ug/l	97
25) 2-Butanone	6.79	43	214702	247.221	ug/l	98
26) 2,2-Dichloropropane	6.77	77	89748	35.165	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	101463	50.146	ug/l	95
28) Bromochloromethane	7.15	49	63409	46.946	ug/l	96
29) Tetrahydrofuran	7.17	42	141441	247.473	ug/l	99
30) Chloroform	7.33	83	159181	49.098	ug/l	98
31) Cyclohexane	7.61	56	120735	45.464	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	138524	50.170	ug/l	99
36) 1,1-Dichloropropene	7.75	75	118296	50.482	ug/l	98
37) Ethyl Acetate	6.88	43	81532	44.556	ug/l	99
38) Carbon Tetrachloride	7.73	117	123481	53.212	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	126289	50.050	ug/l	99
40) Benzene	8.00	78	359479	50.642	ug/l	98
41) Methacrylonitrile	7.12	41	36032	46.048	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	119629	49.426	ug/l	99
43) Isopropyl Acetate	8.13	43	140364	45.516	ug/l #	90
44) Trichloroethene	8.80	130	238173	127.493	ug/l	97
45) 1,2-Dichloropropane	9.08	63	88966	51.000	ug/l	98
46) Dibromomethane	9.18	93	61749	50.267	ug/l	97
47) Bromodichloromethane	9.37	83	128029	50.899	ug/l	97
48) Methyl methacrylate	9.17	41	70725	50.432	ug/l	99
49) 1,4-Dioxane	9.17	88	32620	1013.124	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	455795	250.117	ug/l	98
52) Toluene	10.12	92	233163	52.302	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	129317	48.428	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	135947	46.873	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	90961	51.859	ug/l	99
56) Ethyl methacrylate	10.40	69	122125	45.839	ug/l	99
57) 1,3-Dichloropropane	10.68	76	151147	50.865	ug/l	99
59) 2-Hexanone	10.72	43	333748	230.355	ug/l	99
60) Dibromochloromethane	10.87	129	101759	51.992	ug/l	99
61) 1,2-Dibromoethane	10.98	107	92034	50.250	ug/l	98
64) Tetrachloroethene	10.60	164	77378	50.467	ug/l	98
65) Chlorobenzene	11.41	112	248800	49.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	92032	51.987	ug/l	100
67) Ethyl Benzene	11.48	91	436071	51.239	ug/l	99
68) m/p-Xylenes	11.60	106	343766	104.754	ug/l	99
69) o-Xylene	11.92	106	163193	52.119	ug/l	99
70) Styrene	11.94	104	278557	53.131	ug/l	99
71) Bromoform	12.10	173	68450	53.029	ug/l #	99
73) Isopropylbenzene	12.22	105	428347	51.345	ug/l	99
74) N-amyl acetate	12.05	43	118734	39.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	133747	49.310	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	107764m	46.755	ug/l	
77) Bromobenzene	12.50	156	106008	50.367	ug/l	97
78) n-propylbenzene	12.57	91	481134	50.543	ug/l	99
79) 2-Chlorotoluene	12.65	91	288349	50.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	354607	51.377	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	37669	44.575	ug/l	98
82) 4-Chlorotoluene	12.75	91	297104	50.292	ug/l	100
83) tert-Butylbenzene	12.97	119	297059	50.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	360881	52.968	ug/l	100
85) sec-Butylbenzene	13.15	105	389374	50.841	ug/l	99
86) p-Isopropyltoluene	13.26	119	357911	52.445	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	192152	50.056	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	191025	48.615	ug/l	99
89) n-Butylbenzene	13.59	91	283182	49.686	ug/l	99
90) Hexachloroethane	13.85	117	64595	51.707	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	189742	51.343	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22215	50.450	ug/l	97
93) 1,2,4-Trichlorobenzene	14.88	180	87325	50.076	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	32176	46.847	ug/l	98
95) Naphthalene	15.10	128	252854	43.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	87189	50.484	ug/l	97

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

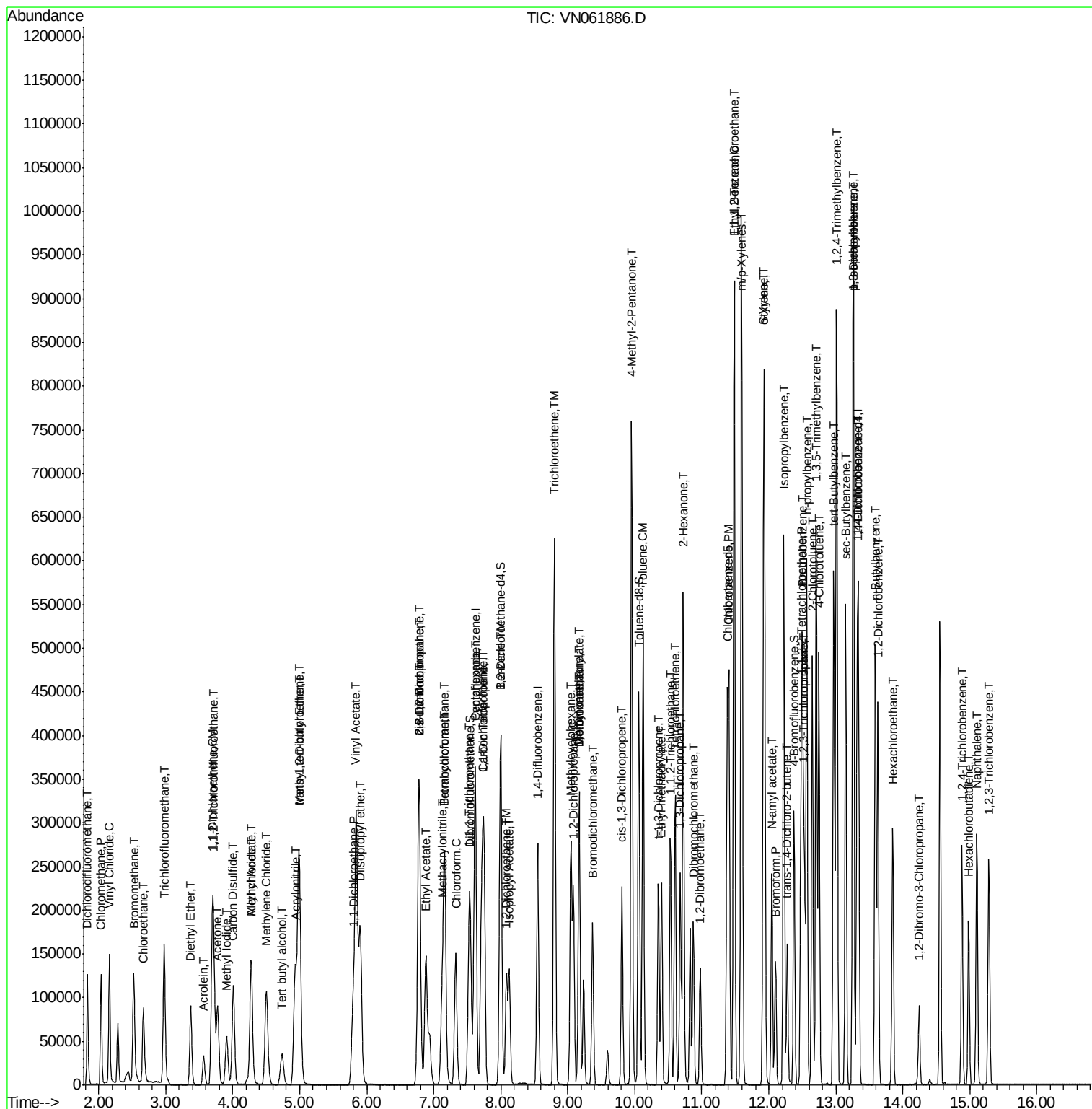
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Data File : VN061886.D
Acq On : 18 Jun 2020 7:05
Operator : JC/MD
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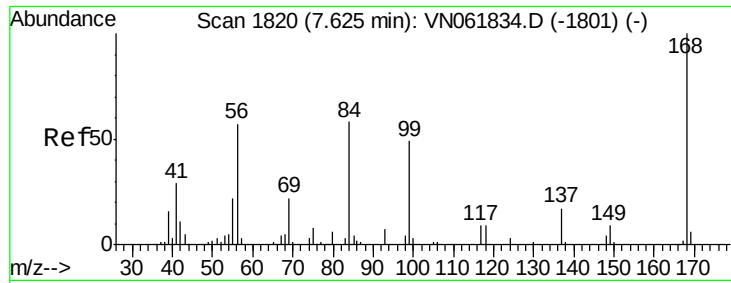
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion:168 Resp: 150257

Ion Ratio Lower Upper

168 100

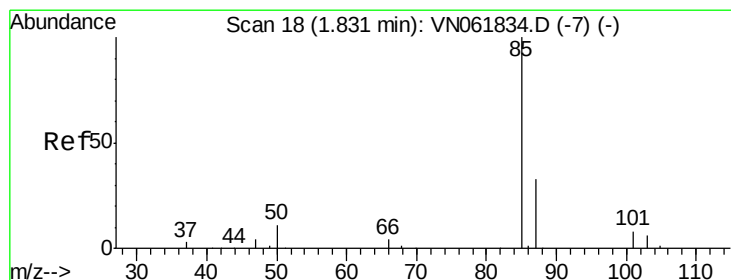
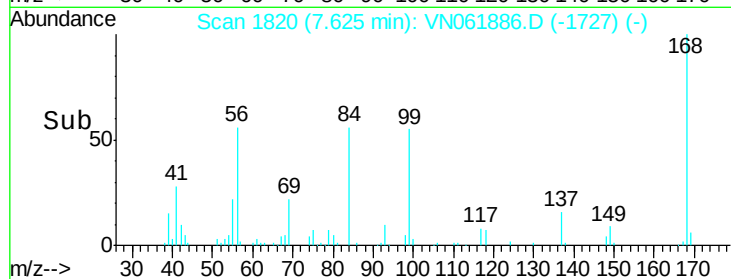
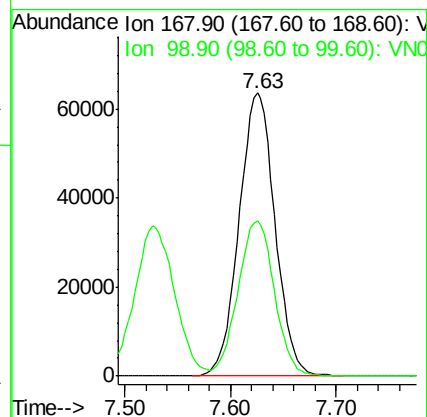
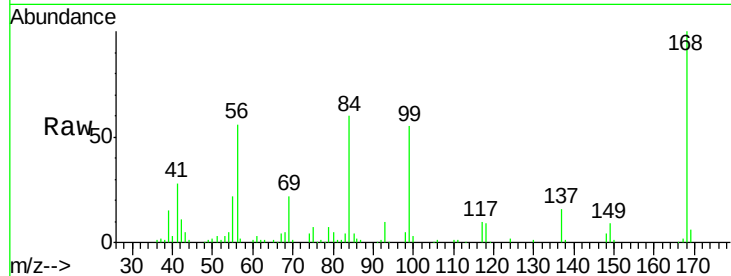
99 54.4 44.6 67.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 51.102 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061886.D

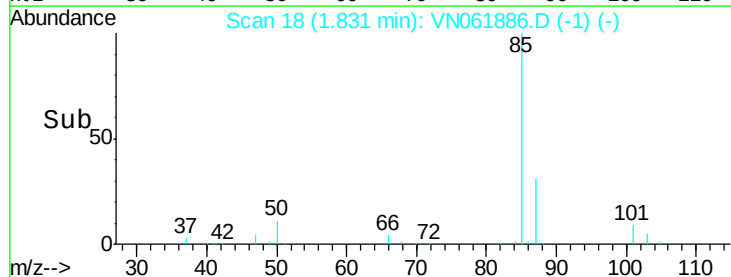
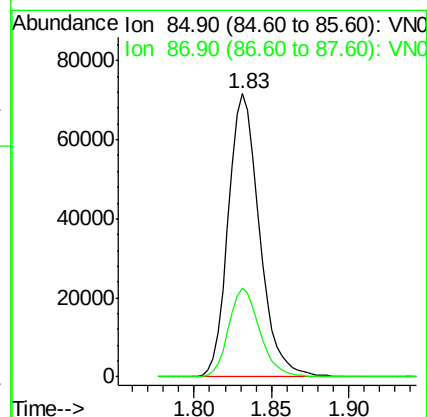
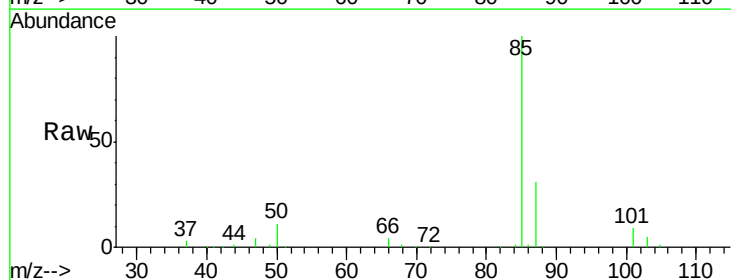
Acq: 18 Jun 2020 7:05

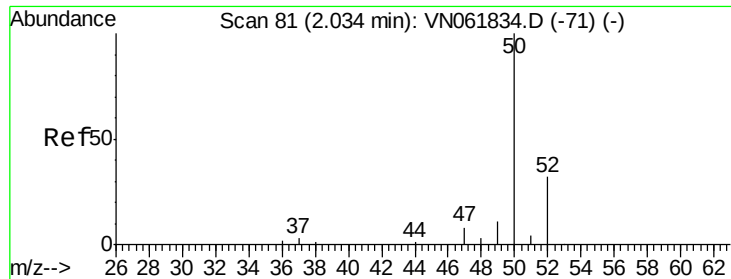
Tgt Ion: 85 Resp: 99921

Ion Ratio Lower Upper

85 100

87 31.4 16.6 49.8





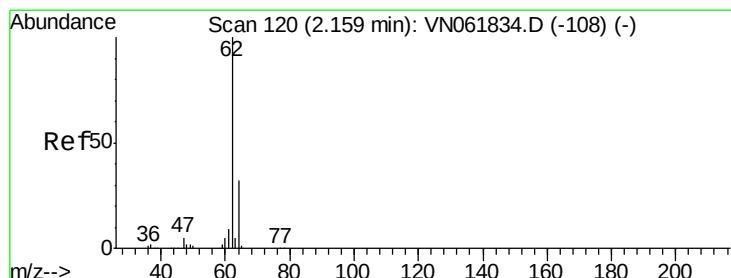
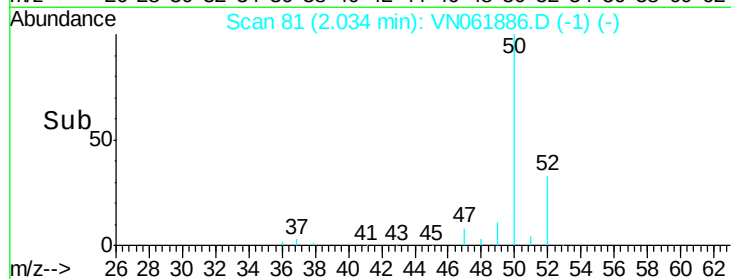
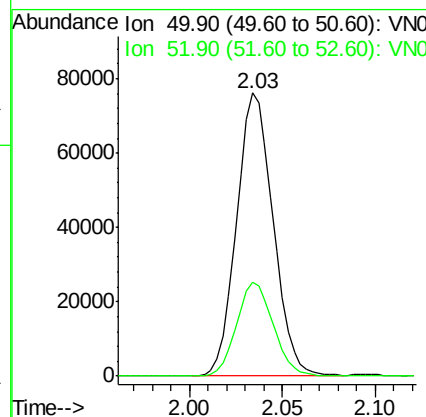
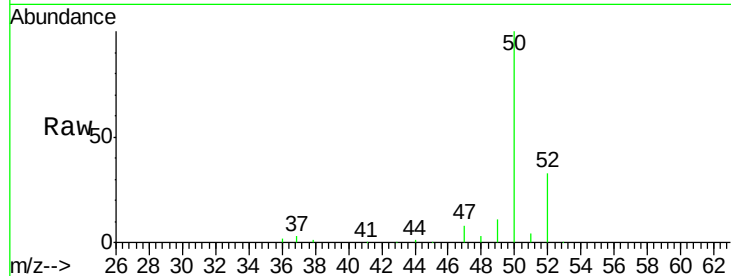
#3
Chloromethane
Concen: 50.029 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.0	39.0

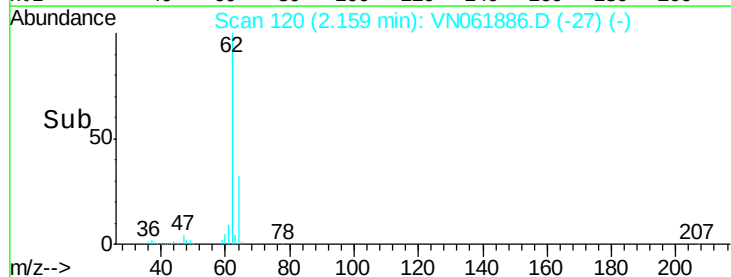
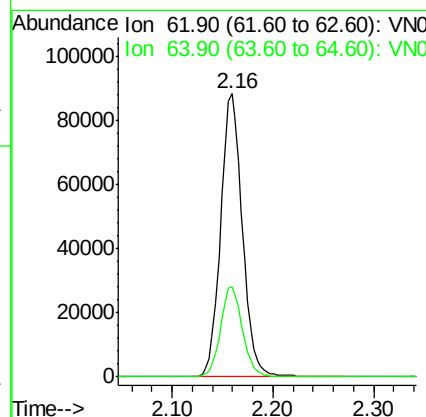
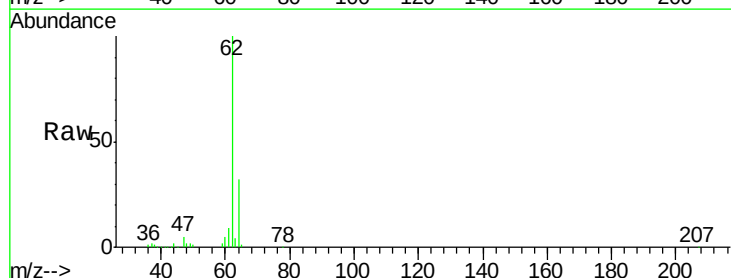
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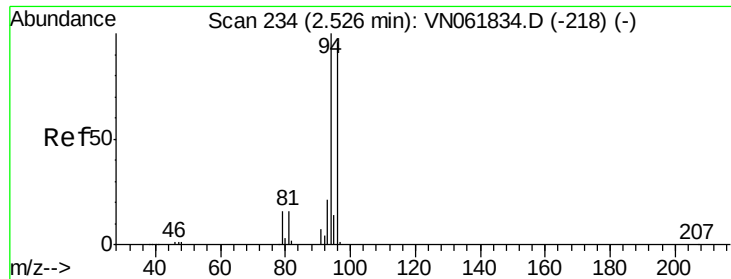
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6/18/2020 9:37:05 AM



#4
Vinyl Chloride
Concen: 53.428 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.5	38.3





#5

Bromomethane

Concen: 47.472 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion: 94 Resp: 90640

Ion Ratio Lower Upper

94 100

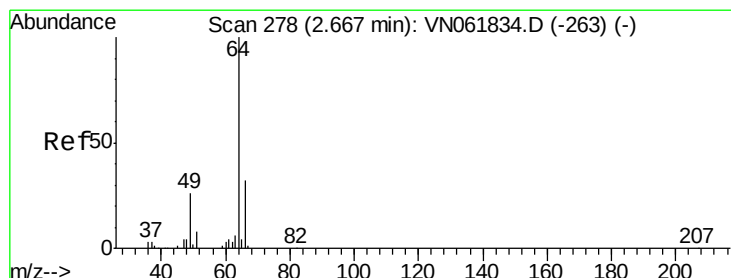
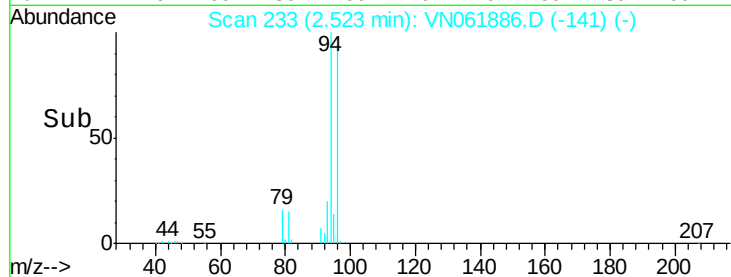
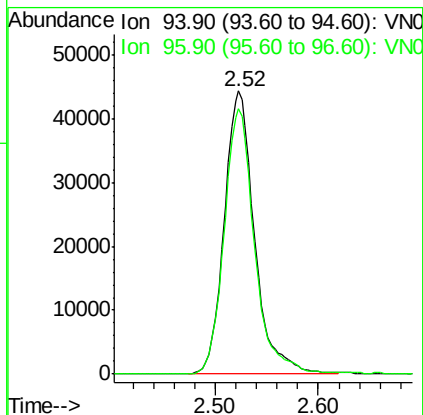
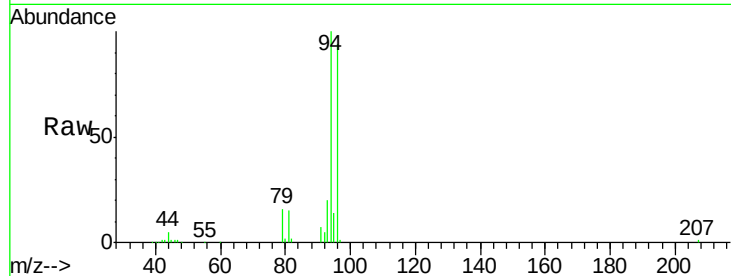
96 93.8 76.7 115.1

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#6

Chloroethane

Concen: 51.657 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061886.D

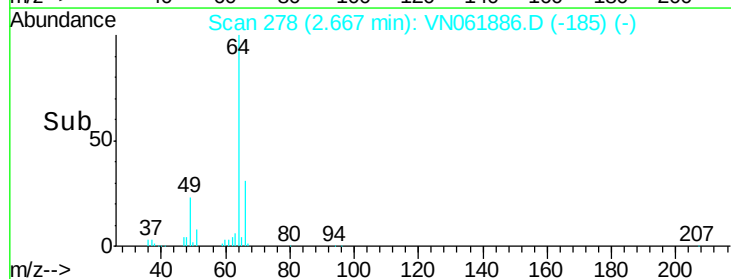
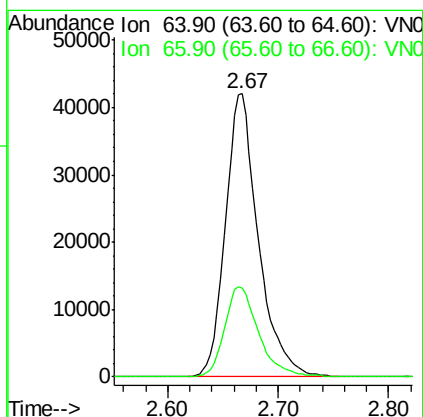
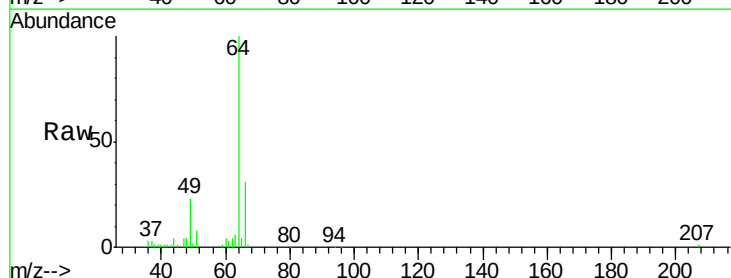
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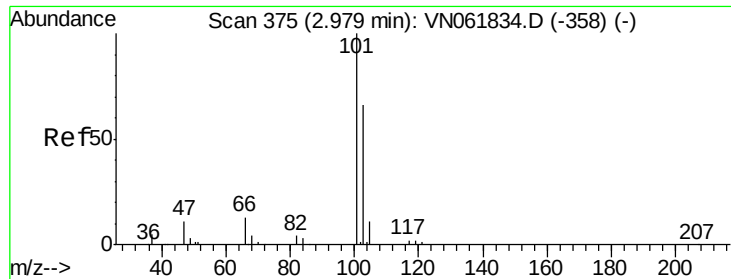
Tgt Ion: 64 Resp: 86925

Ion Ratio Lower Upper

64 100

66 31.2 25.4 38.2





#7

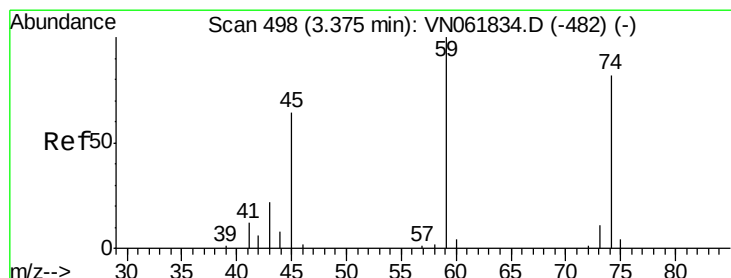
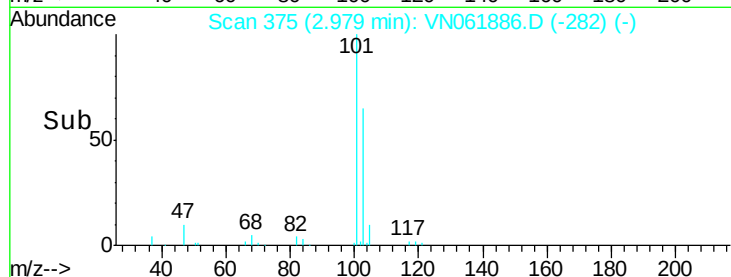
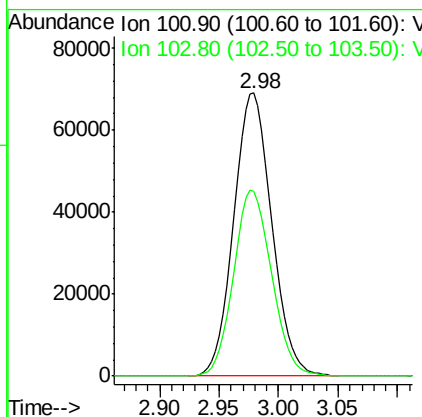
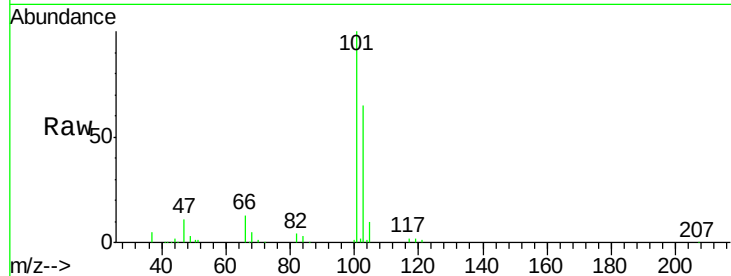
Trichlorofluoromethane
Concen: 51.655 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.8	79.2

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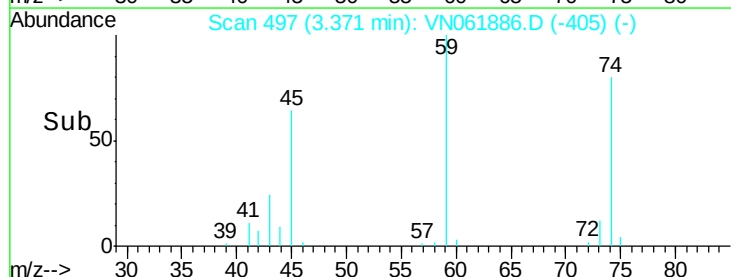
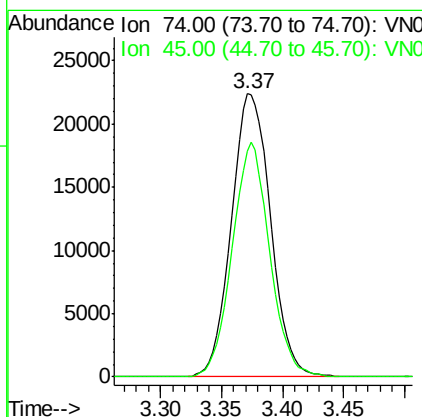
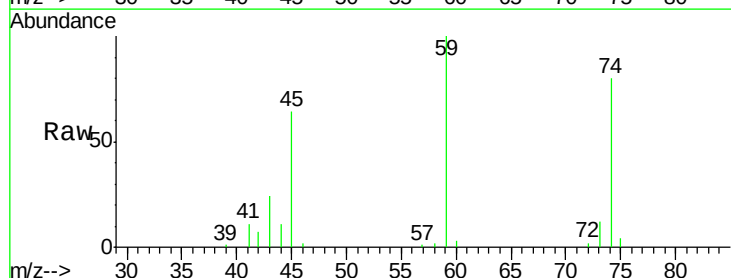
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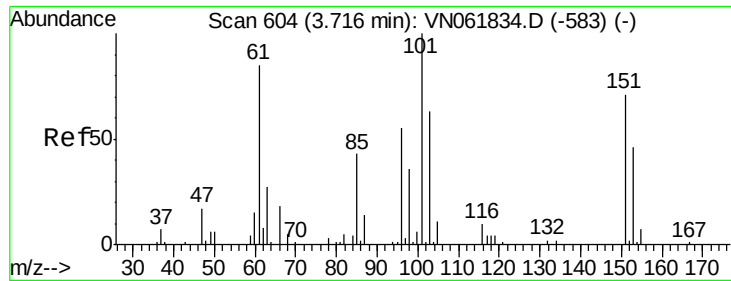


#8

Diethyl Ether
Concen: 50.003 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.0	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.979 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

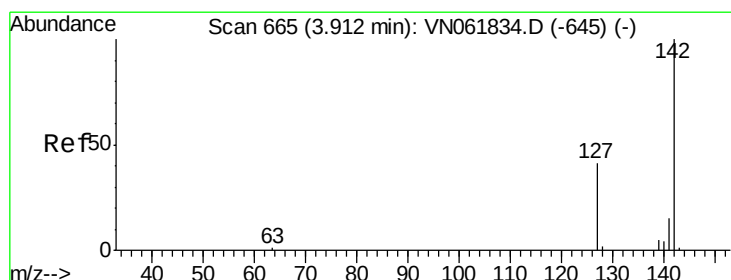
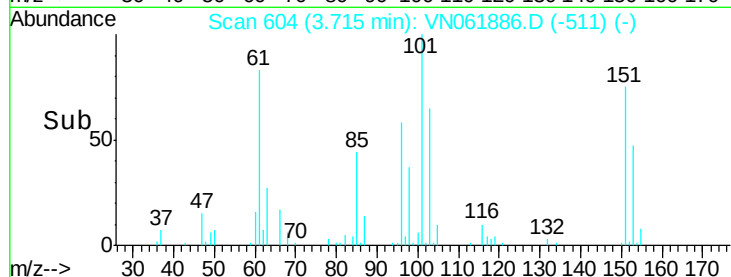
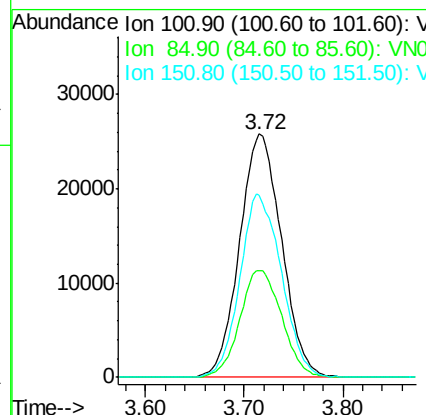
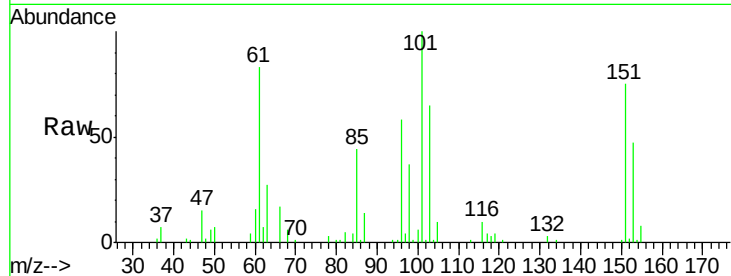
ClientSampleId :

RE117D1-20200611MS

Tot Ion:	101	Resp:	76150
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.6
151	74.3	59.2	88.8

Manual Integrations
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6/18/2020 9:37:05 AM



#10

Methyl Iodide

Concen: 50.956 ug/l

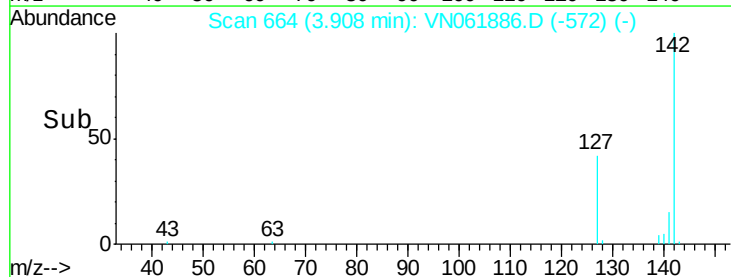
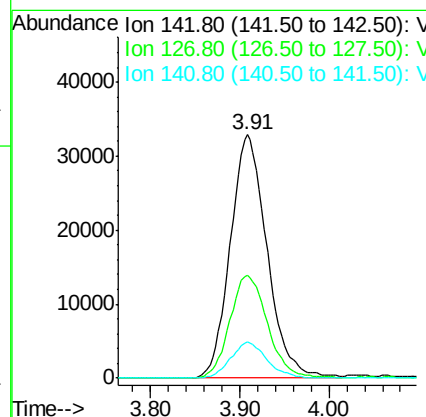
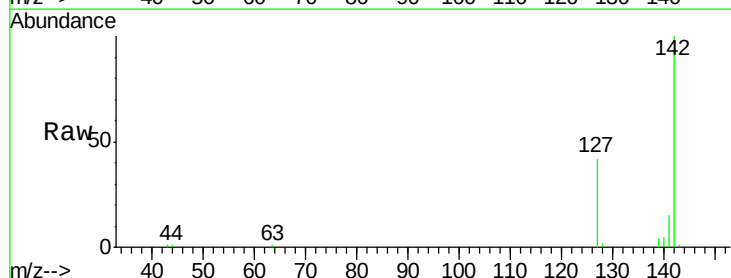
RT: 3.91 min Scan# 664

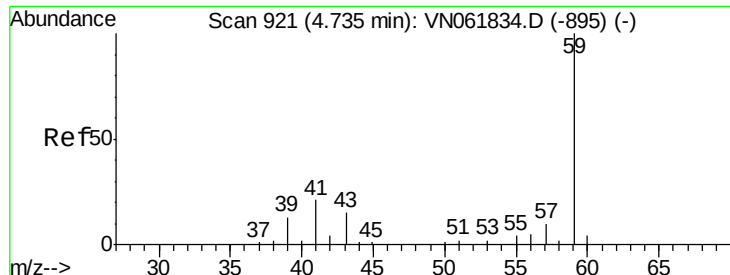
Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Tgt Ion:	142	Resp:	93911
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.4	50.0
141	14.4	11.3	16.9





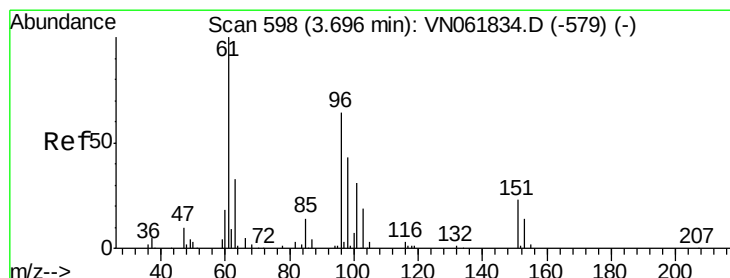
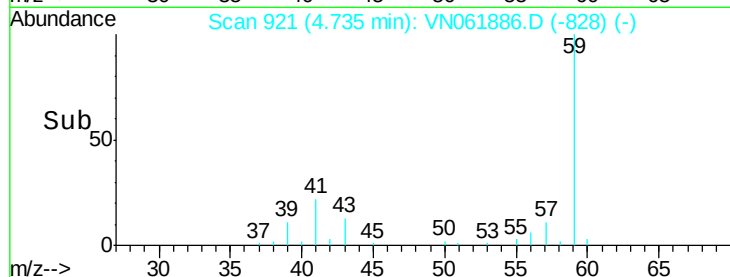
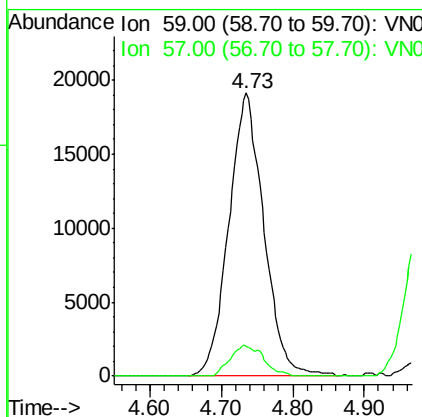
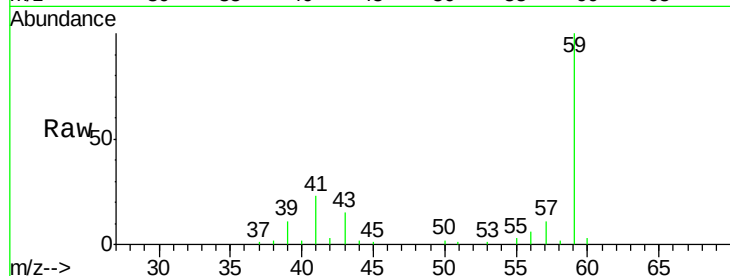
#11
Tert butyl alcohol
Concen: 234.402 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion: 59 Resp: 65365
Ion Ratio Lower Upper
59 100
57 10.4 7.7 11.5

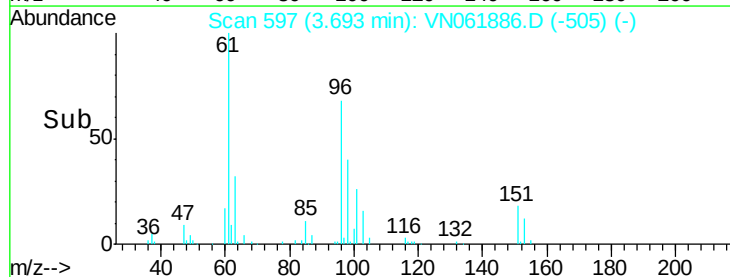
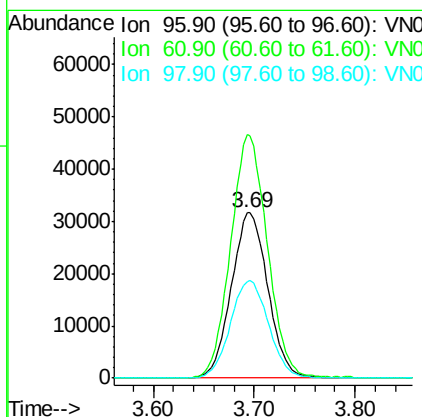
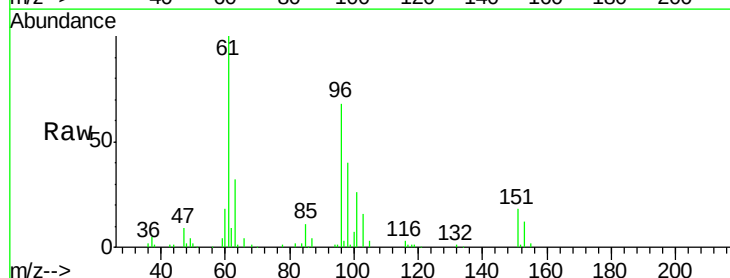
Manual Integrations
APPROVED

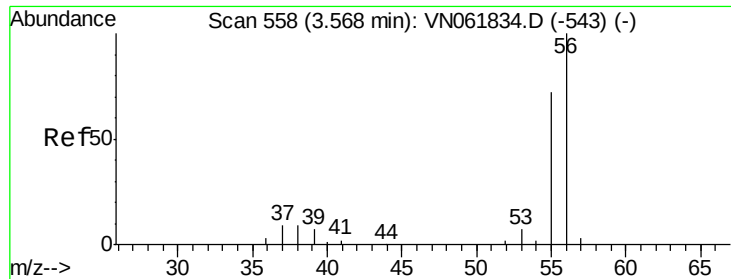
MMDadoda
6/18/2020 9:37:05 AM



#12
1,1-Dichloroethene
Concen: 52.144 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 96 Resp: 79608
Ion Ratio Lower Upper
96 100
61 147.2 124.3 186.5
98 58.3 53.1 79.7





#13

Acrolein

Concen: 225.510 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion: 56 Resp: 37585

Ion Ratio Lower Upper

56 100

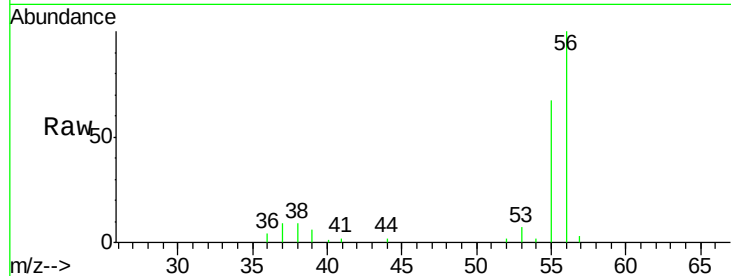
55 69.2 56.2 84.4

Manual Integrations

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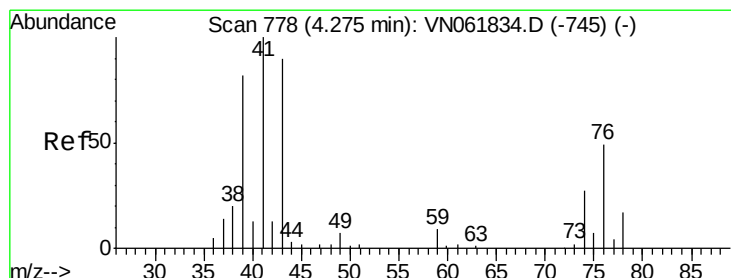
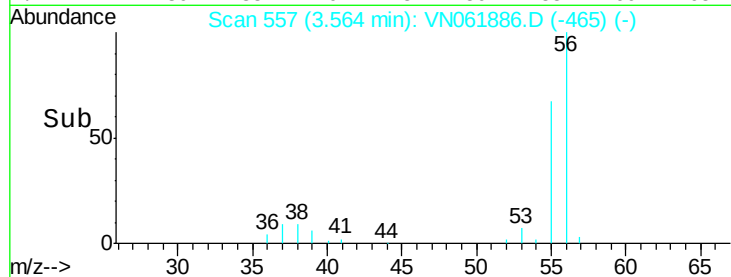
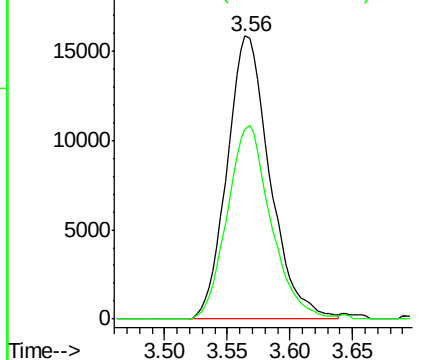
MMDadoda

6/18/2020 9:37:05 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.742 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

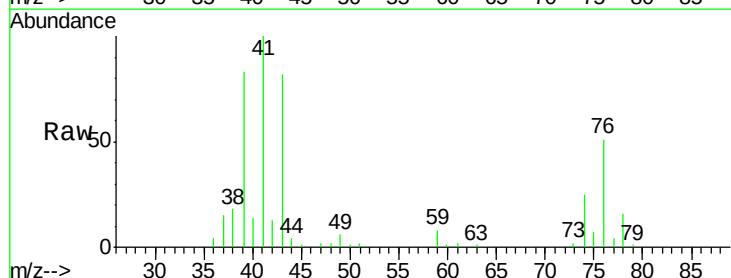
Tgt Ion: 41 Resp: 96736

Ion Ratio Lower Upper

41 100

39 76.1 60.2 90.2

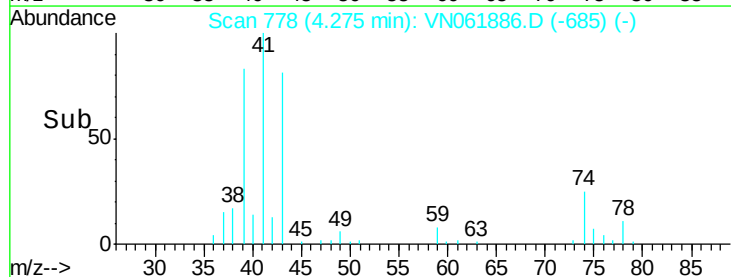
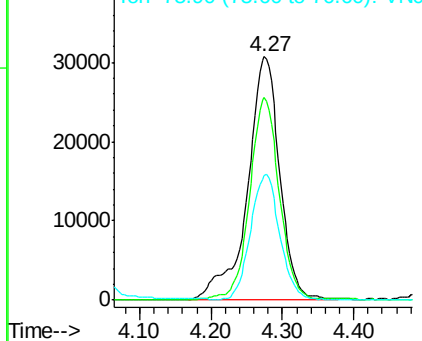
76 46.7 36.3 54.5

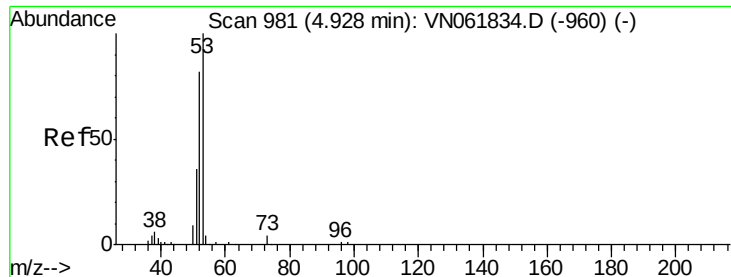


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 256.131 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

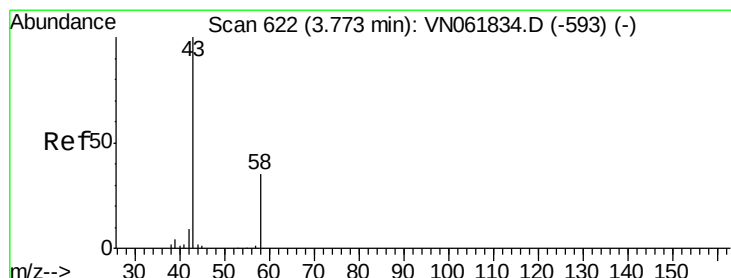
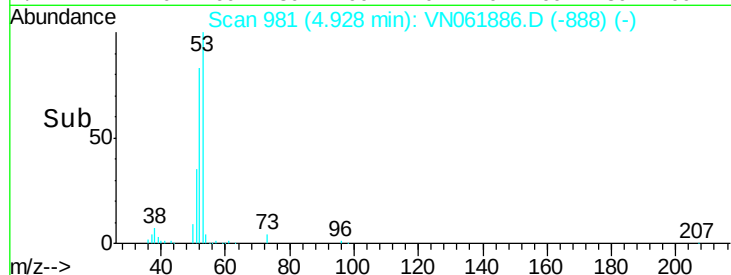
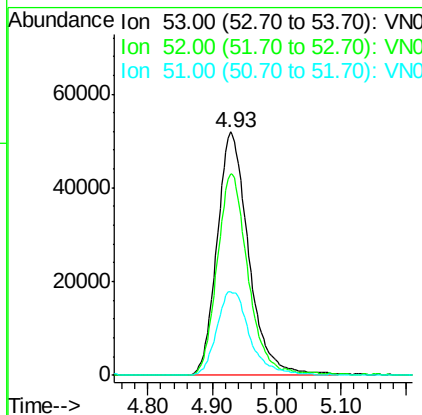
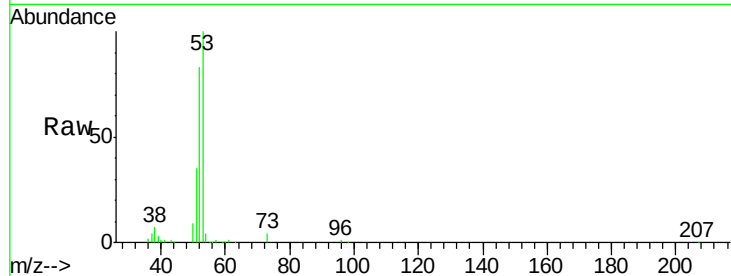
ClientSampleId :

RE117D1-20200611MS

Tot Ion:	53	Resp:	176978
Ion Ratio		Lower	Upper
53	100		
52	80.6	65.2	97.8
51	36.0	29.3	43.9

Manual Integrations
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6/18/2020 9:37:05 AM



#16

Acetone

Concen: 234.840 ug/l

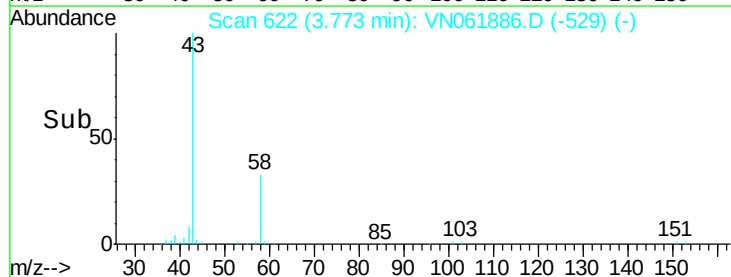
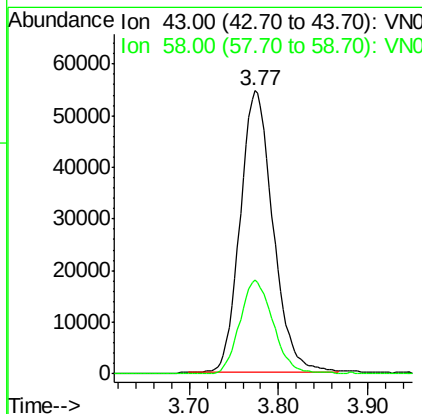
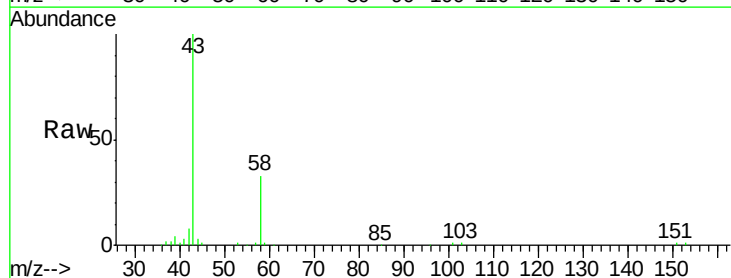
RT: 3.77 min Scan# 622

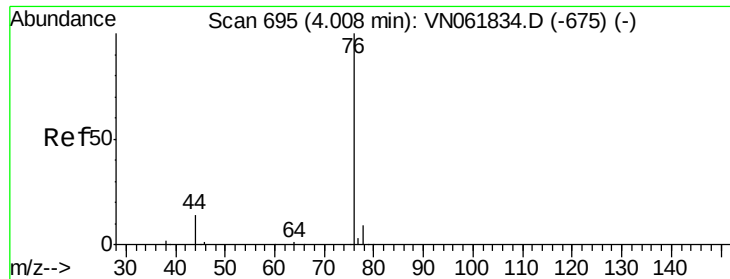
Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Tgt Ion:	43	Resp:	139787
Ion Ratio		Lower	Upper
43	100		
58	33.2	27.8	41.8





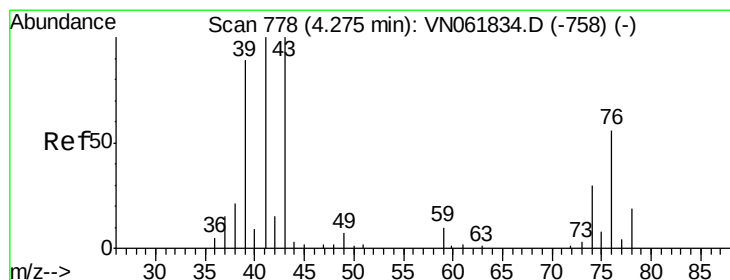
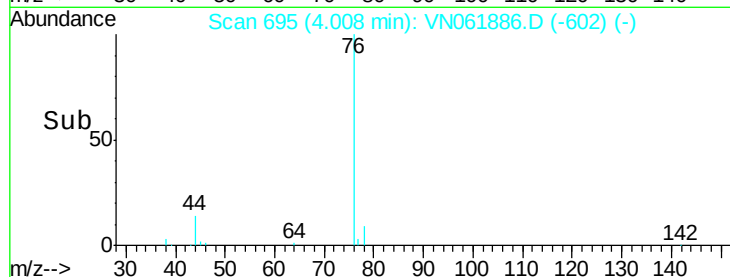
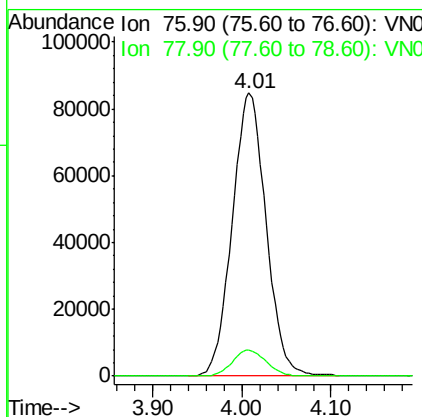
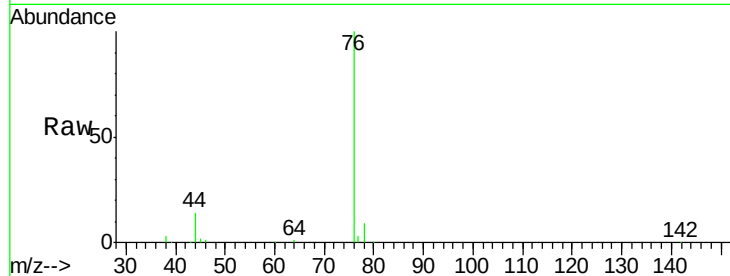
#17
Carbon Disulfide
Concen: 49.897 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

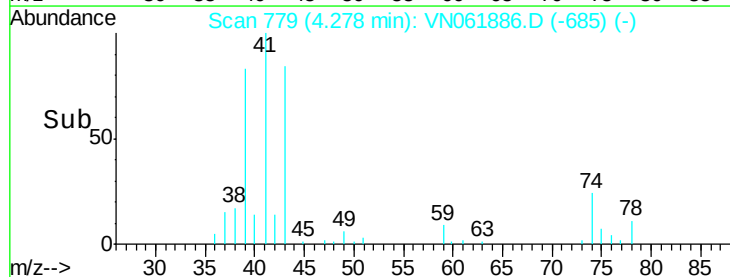
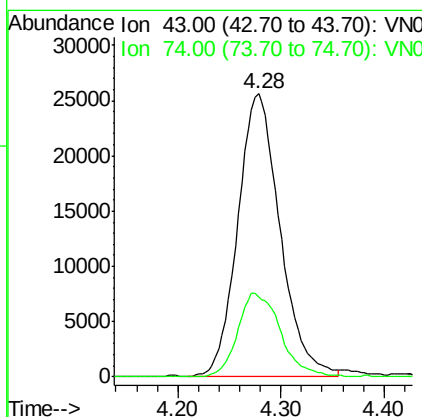
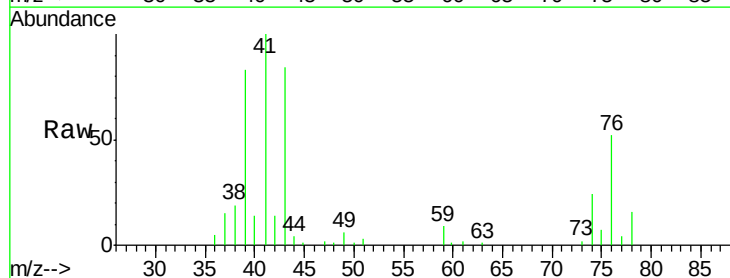
Manual Integrations
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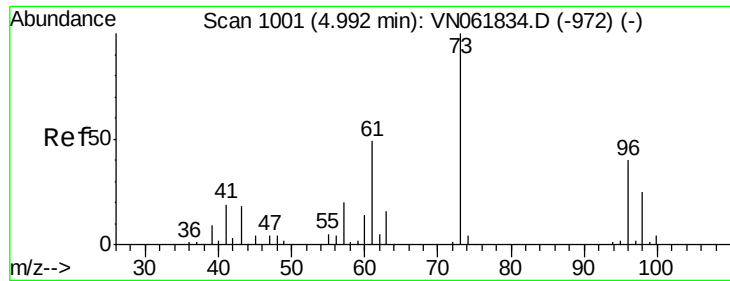
MMDadoda
6/18/2020 9:37:05 AM



#18
Methyl Acetate
Concen: 42.717 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.9	23.0	34.4





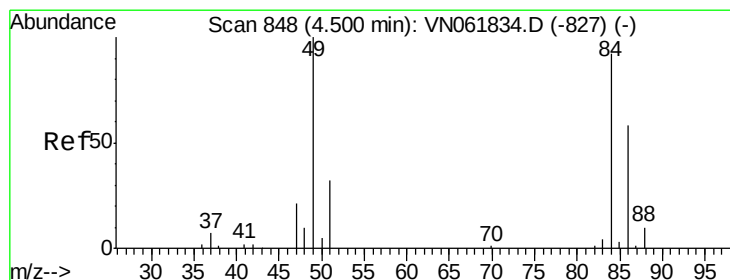
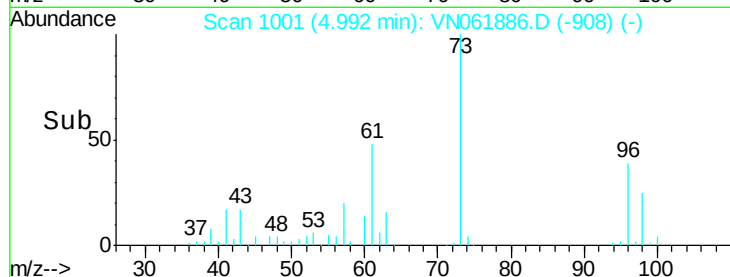
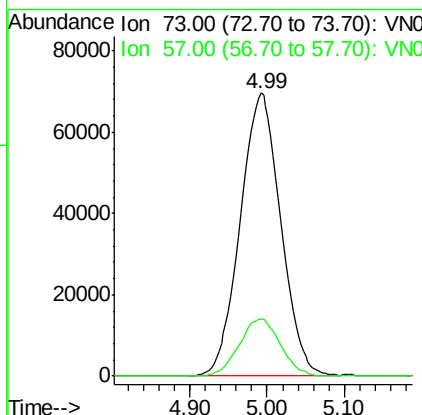
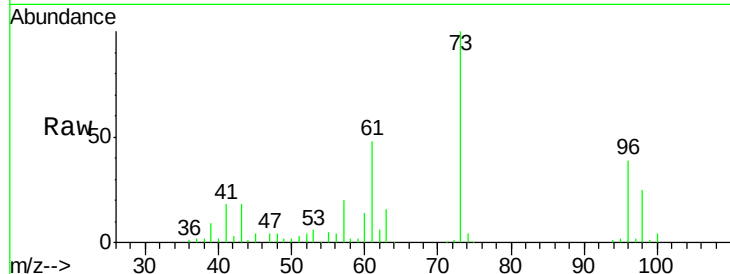
#19
Methyl tert-butyl Ether
Concen: 50.018 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion: 73 Resp: 254253
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.4

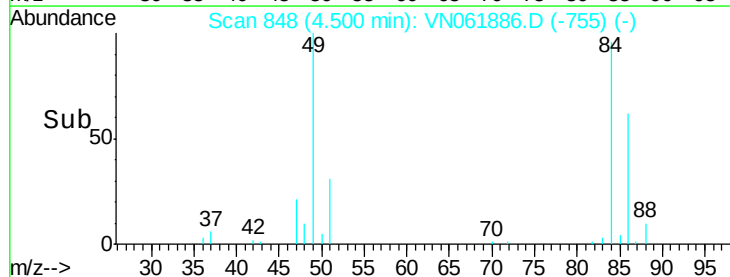
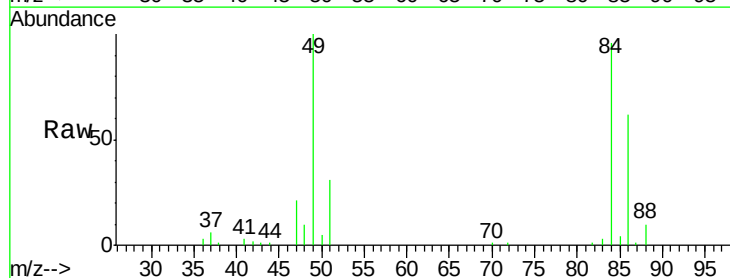
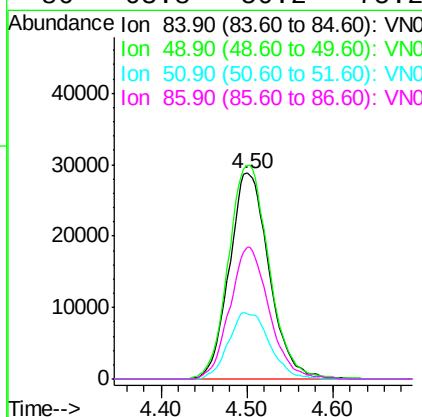
Manual Integrations
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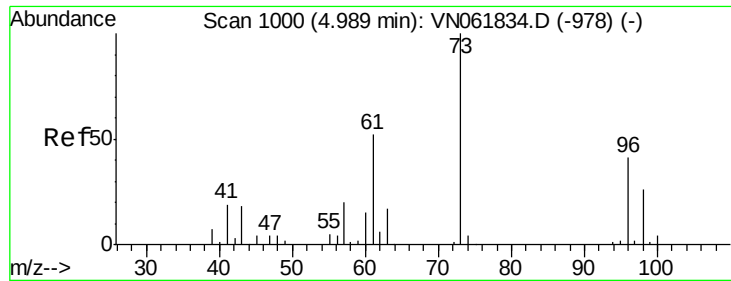
MMDadoda
6/18/2020 9:37:05 AM



#20
Methylene Chloride
Concen: 47.743 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 84 Resp: 92588
Ion Ratio Lower Upper
84 100
49 103.6 87.0 130.4
51 31.8 27.8 41.6
86 63.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.510 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion: 96 Resp: 88573

Ion Ratio Lower Upper

96 100

61 123.4 102.2 153.4

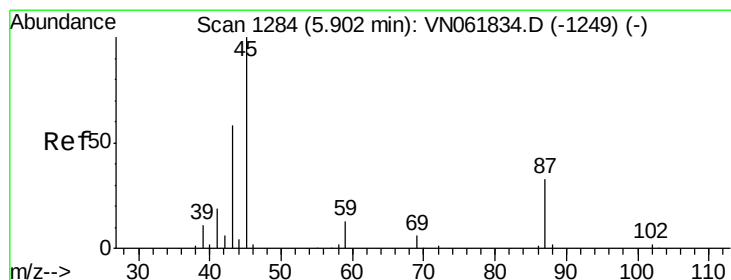
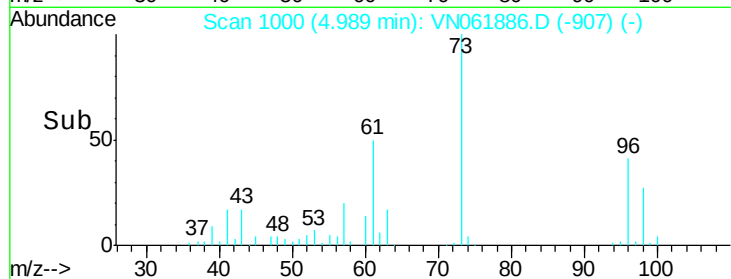
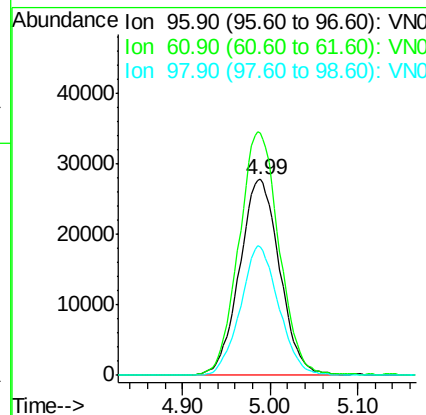
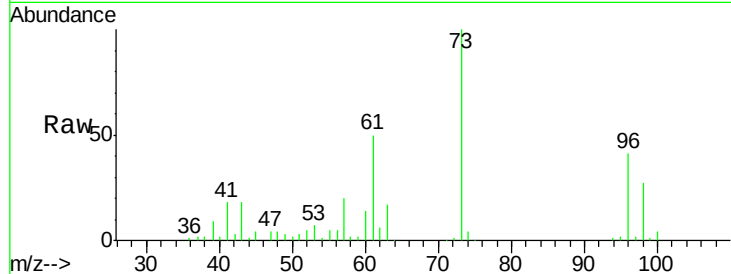
98 65.7 51.2 76.8

Manual Integrations

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6/18/2020 9:37:05 AM



#22

Diisopropyl ether

Concen: 47.798 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Tgt Ion: 45 Resp: 221503

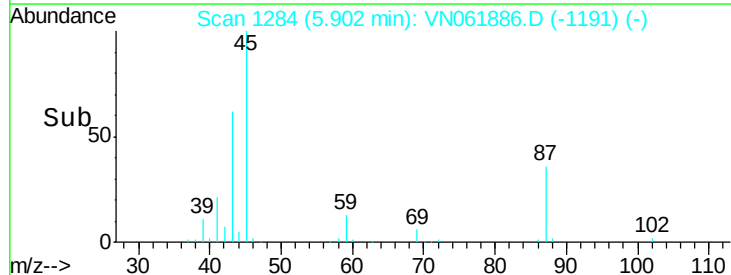
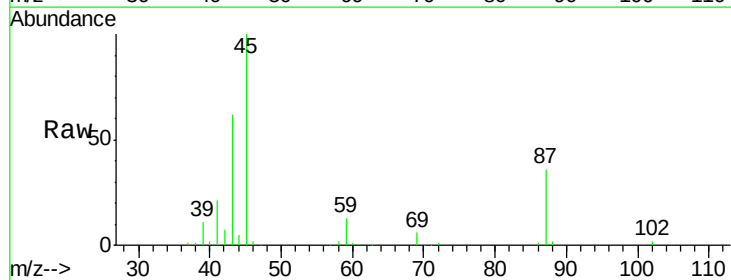
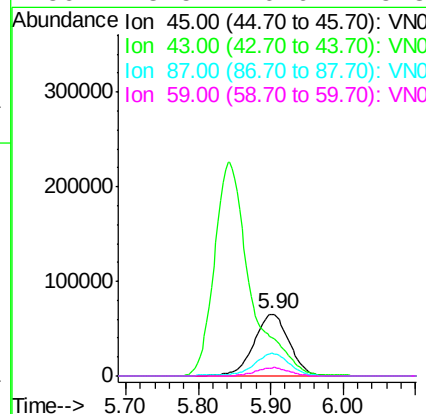
Ion Ratio Lower Upper

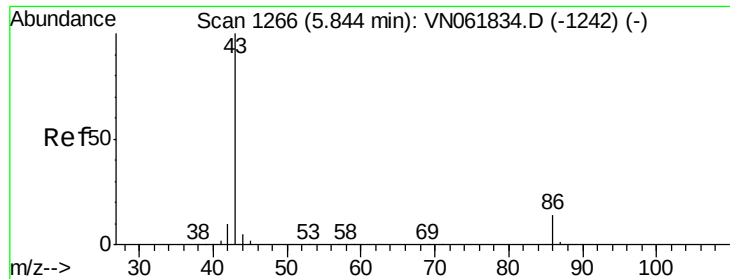
45 100

43 60.7 49.4 74.2

87 36.4 27.4 41.0

59 13.5 10.6 15.8





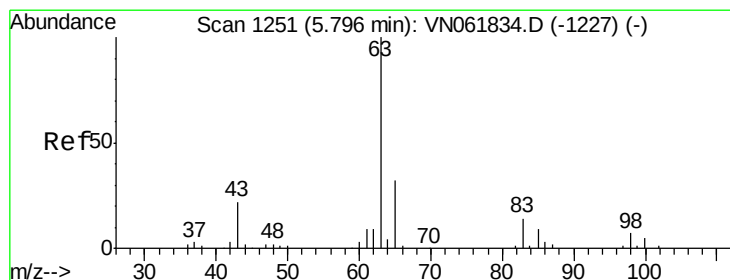
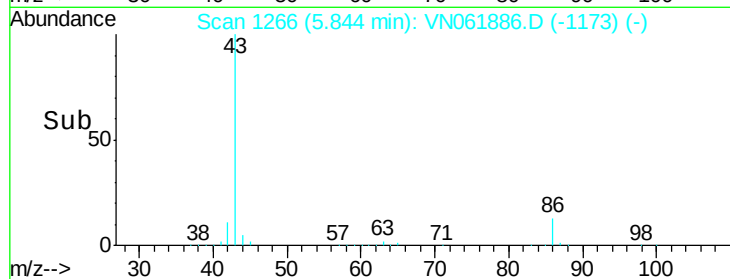
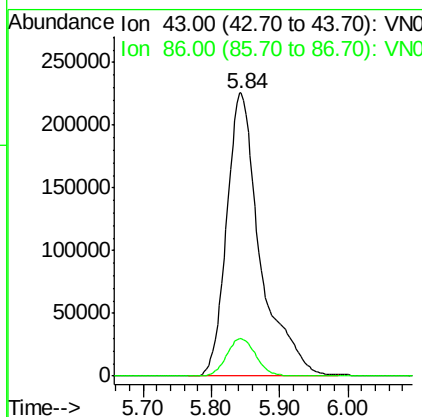
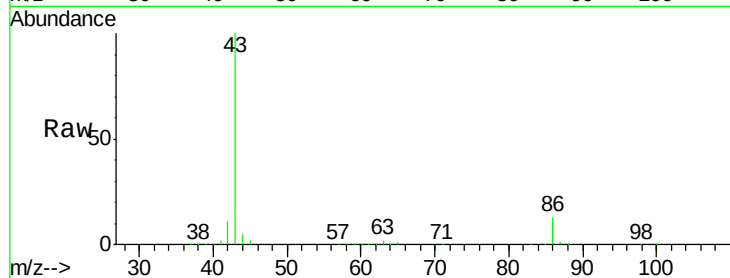
#23
 Vinyl Acetate
 Concen: 211.863 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion	43	Resp	772186
Ion Ratio	100	Lower	Upper
43	100		
86	13.1	10.9	16.3

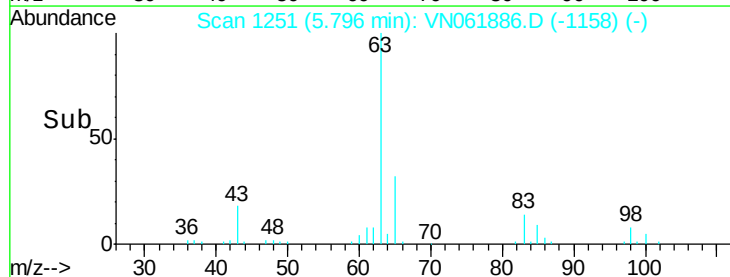
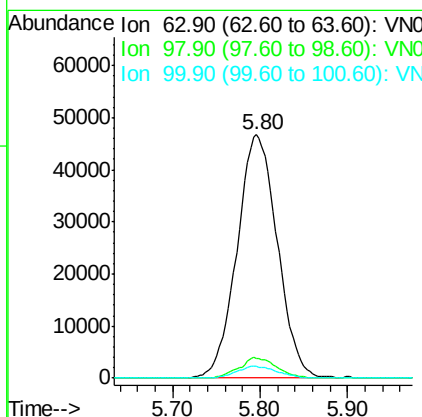
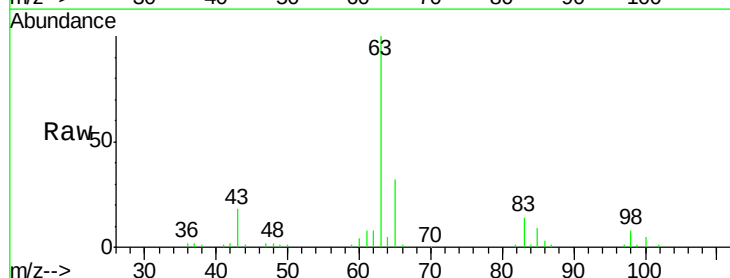
Manual Integrations
 APPROVED

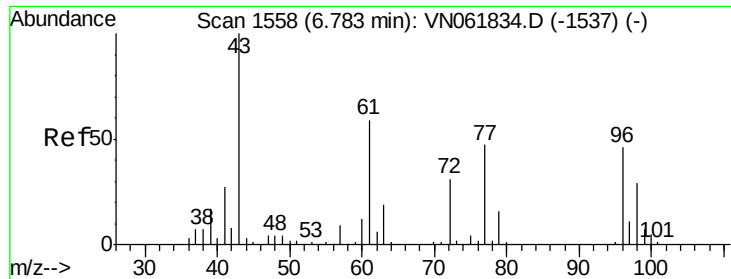
MMDadoda
 6/18/2020 9:37:05 AM



#24
 1,1-Dichloroethane
 Concen: 49.165 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	63	Resp	149146
Ion Ratio	100	Lower	Upper
63	100		
98	8.3	3.5	10.4
100	4.7	2.5	7.4





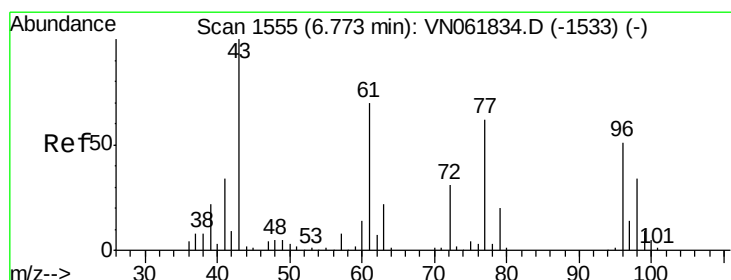
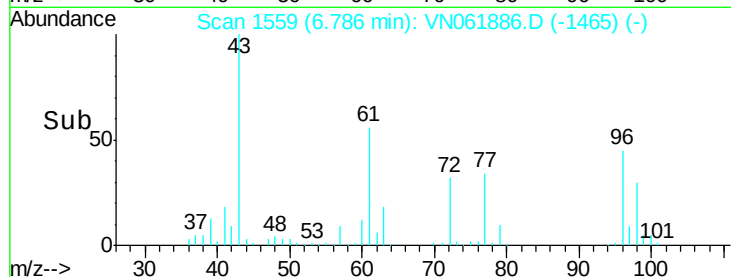
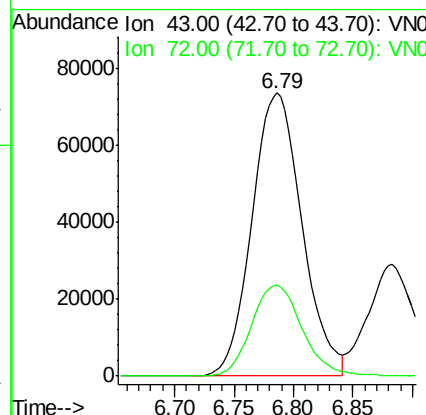
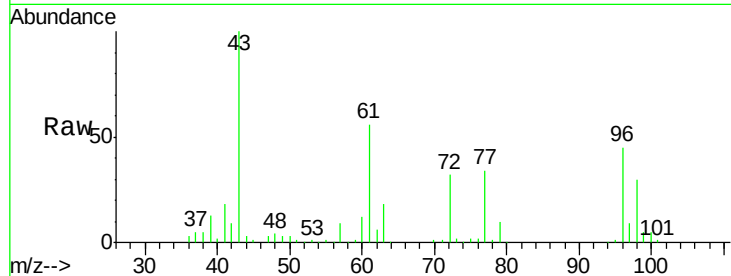
#25
2-Butanone
Concen: 247.221 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion: 43 Resp: 214702
Ion Ratio Lower Upper
43 100
72 32.1 24.6 37.0

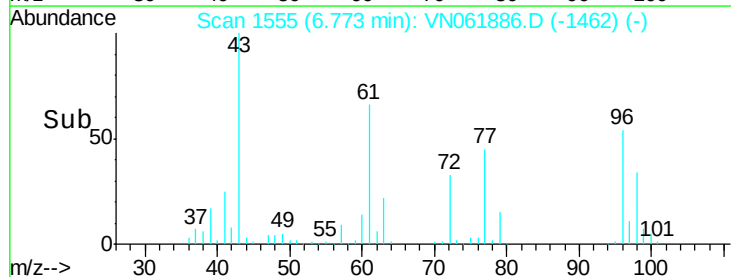
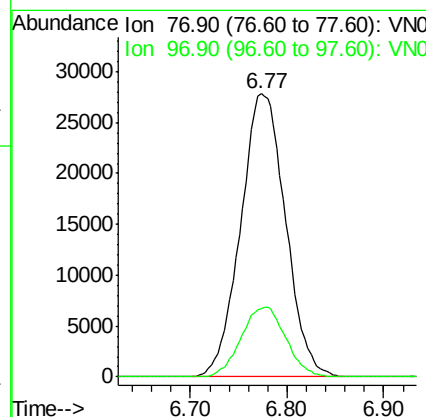
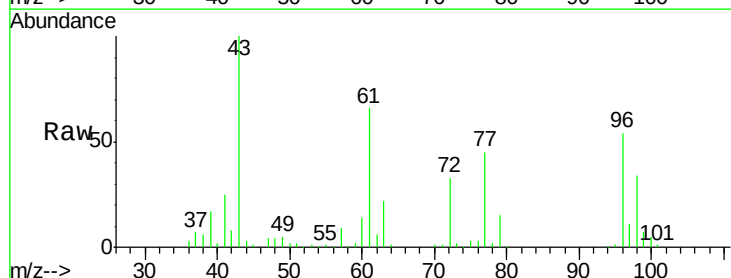
Manual Integrations
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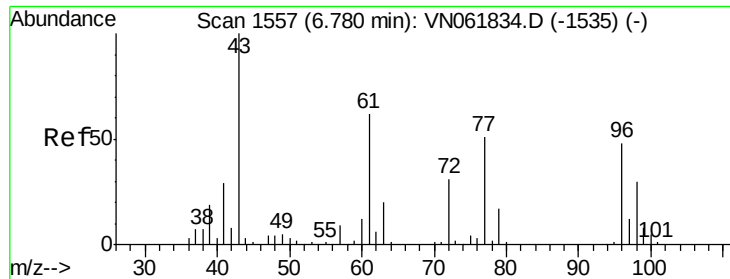
MMDadoda
6/18/2020 9:37:05 AM



#26
2,2-Dichloropropane
Concen: 35.165 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 77 Resp: 89748
Ion Ratio Lower Upper
77 100
97 24.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.146 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

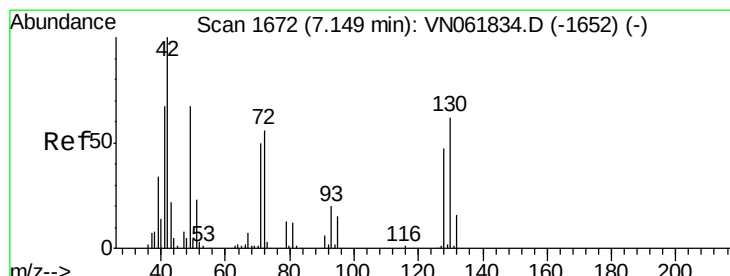
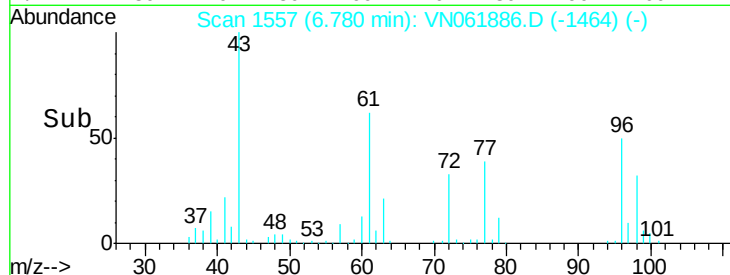
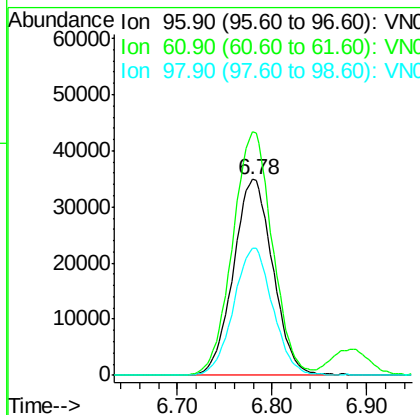
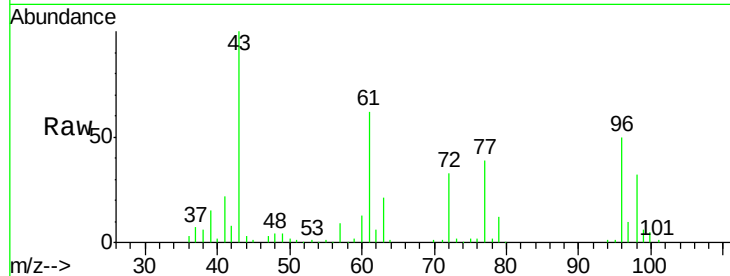
ClientSampleId :

RE117D1-20200611MS

Tot Ion:	96	Resp:	101463
Ion Ratio	Lower	Upper	
96	100		
61	124.9	0.0	265.6
98	64.1	0.0	128.2

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:05 AM



#28

Bromochloromethane

Concen: 46.946 ug/l

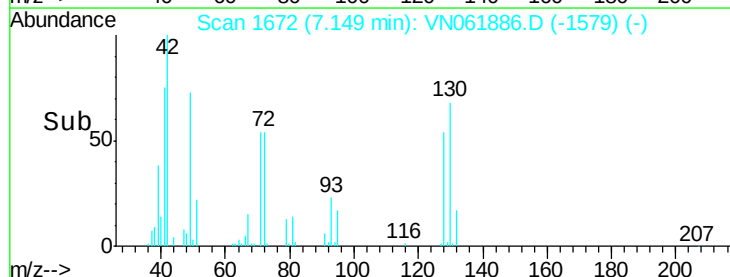
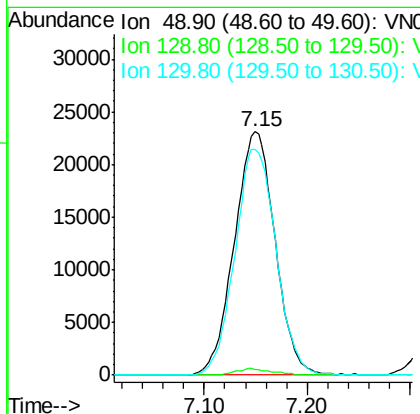
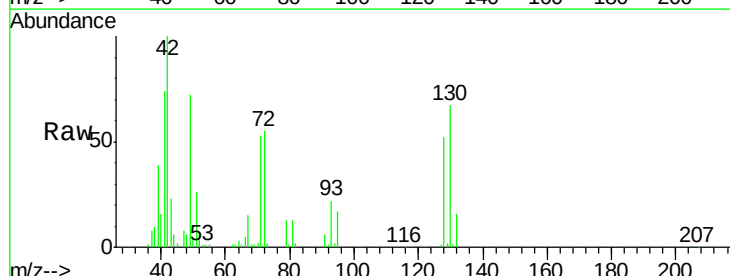
RT: 7.15 min Scan# 1672

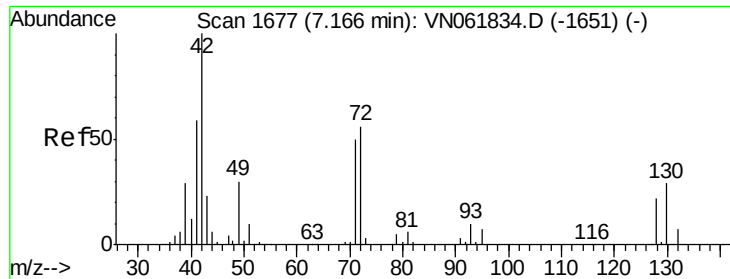
Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Tgt Ion:	49	Resp:	63409
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.0
130	93.7	72.2	108.2





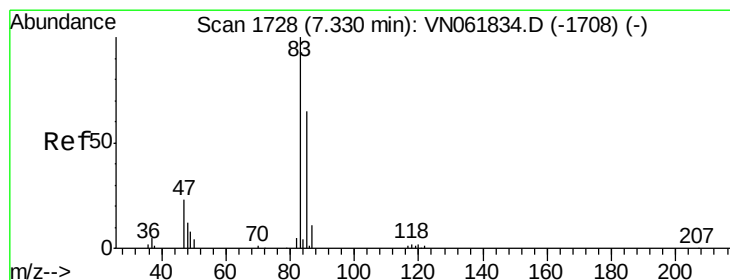
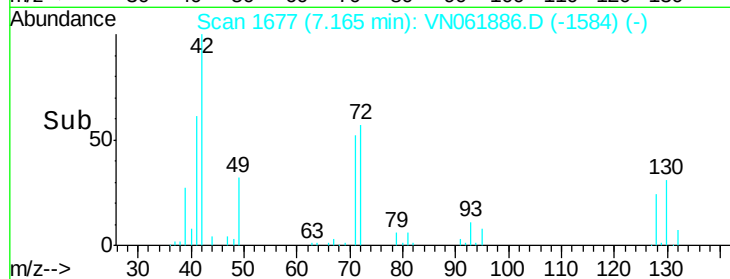
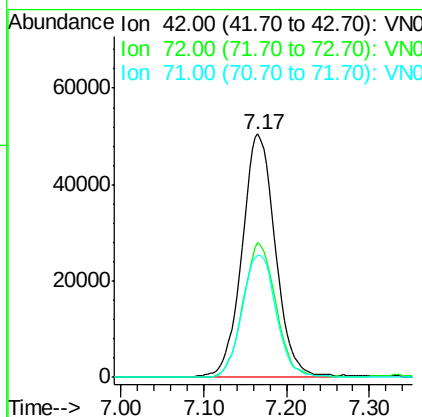
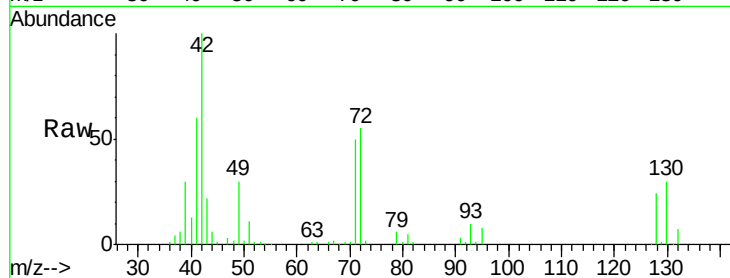
#29
Tetrahydrofuran
Concen: 247.473 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Resp	Lower	Upper
42	100	141441		
72	54.4		44.0	66.0
71	51.2		40.0	60.0

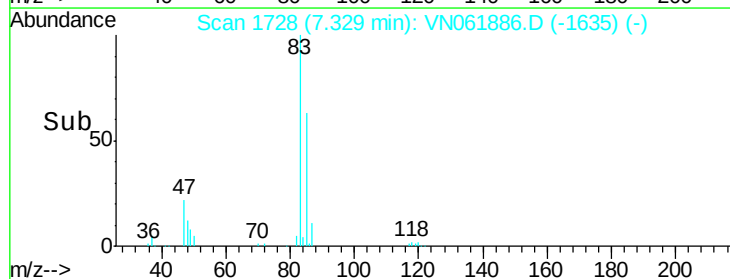
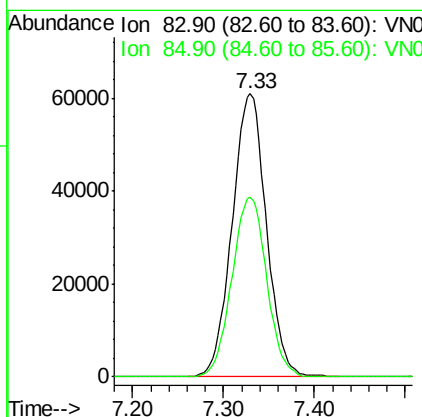
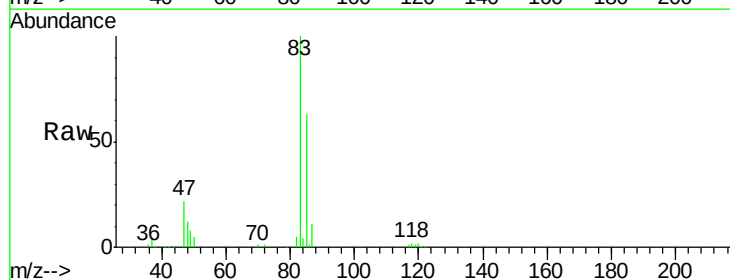
Manual Integrations
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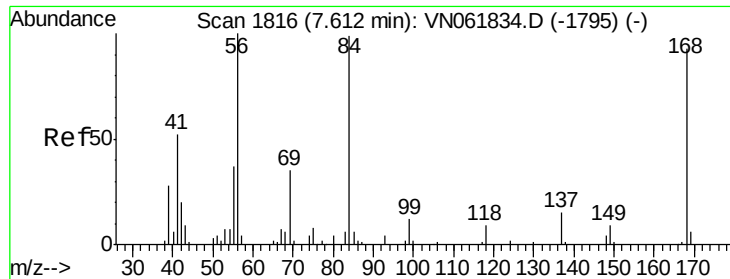
MMDadoda
6/18/2020 9:37:05 AM



#30
Chloroform
Concen: 49.098 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	159181		
85	63.4		52.0	78.0





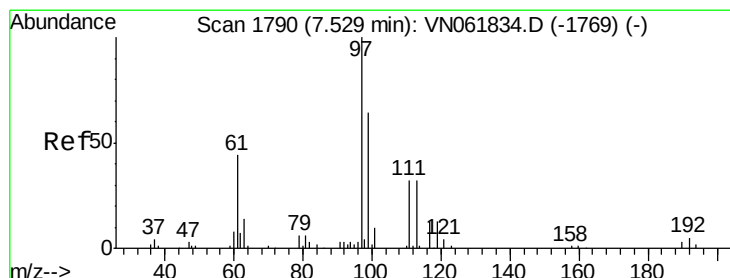
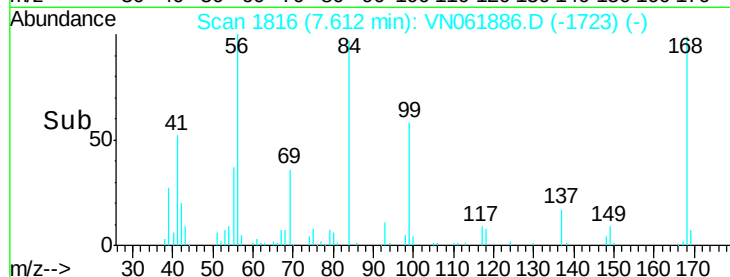
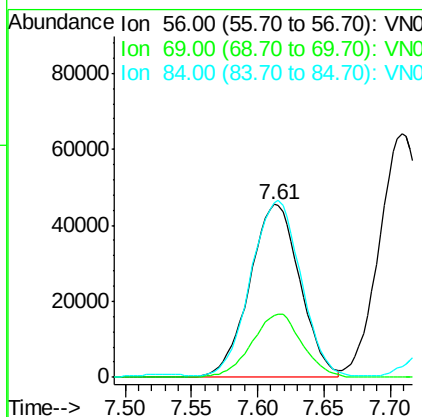
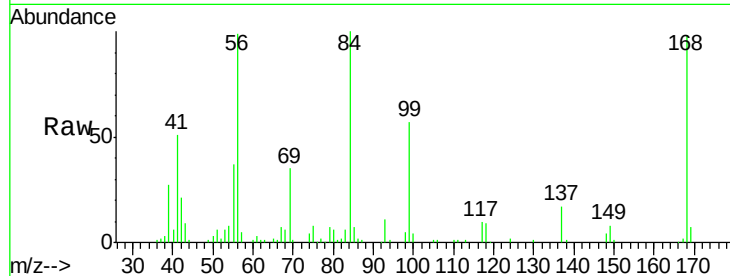
#31
Cyclohexane
Concen: 45.464 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	27.7	41.5
84	100.2	79.1	118.7

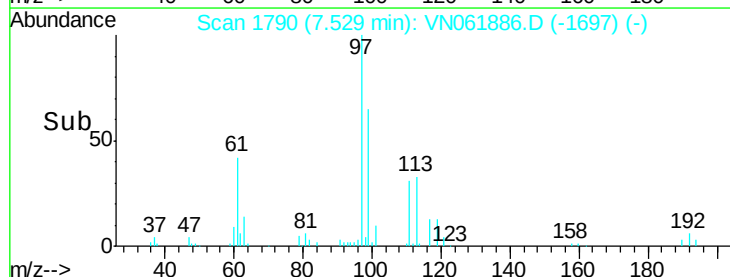
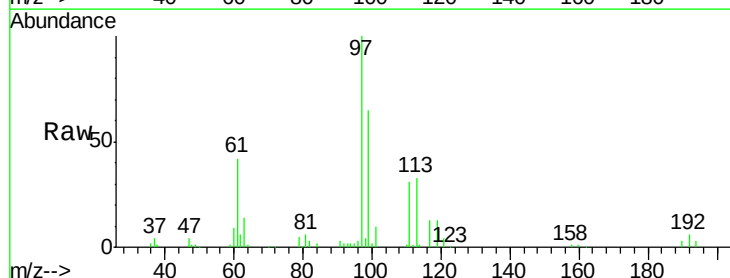
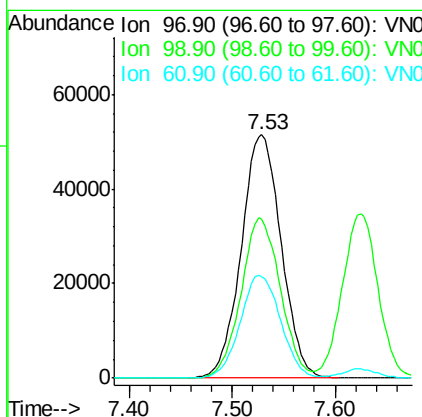
Manual Integrations
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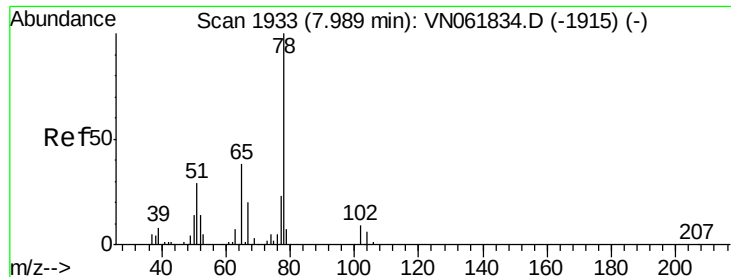
MMDadoda
6/18/2020 9:37:05 AM



#32
1,1,1-Trichloroethane
Concen: 50.170 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.5	77.3
61	42.9	35.1	52.7





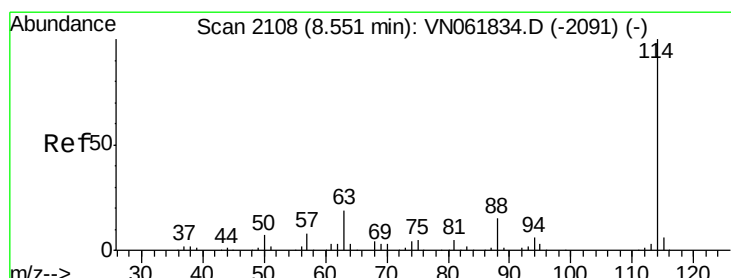
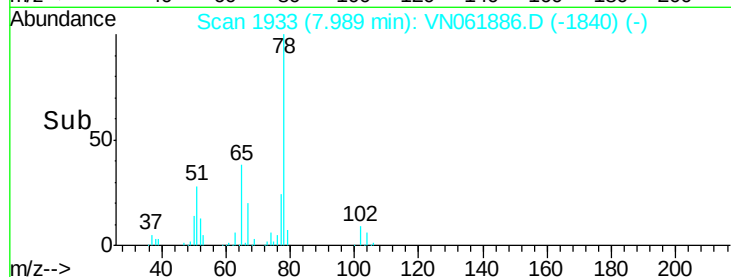
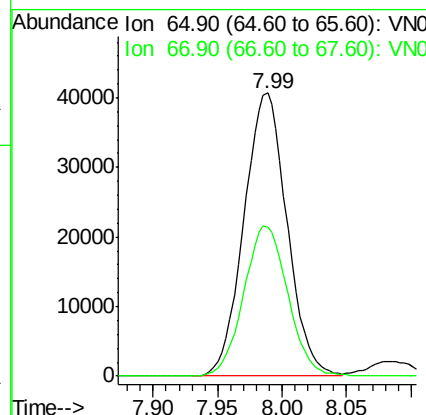
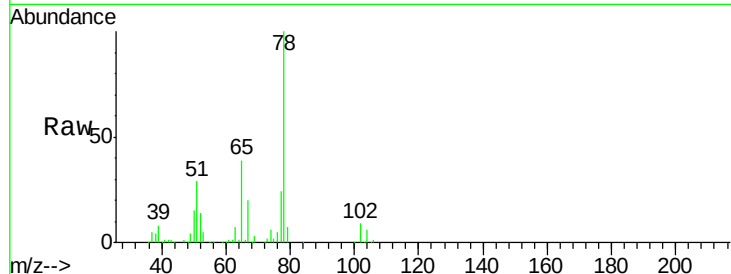
#33
 1,2-Dichloroethane-d4
 Concen: 46.970 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.1	0.0	106.2	

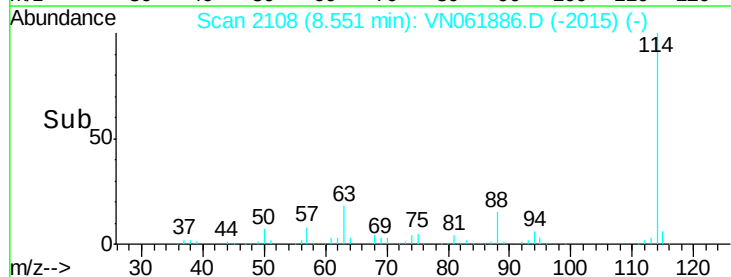
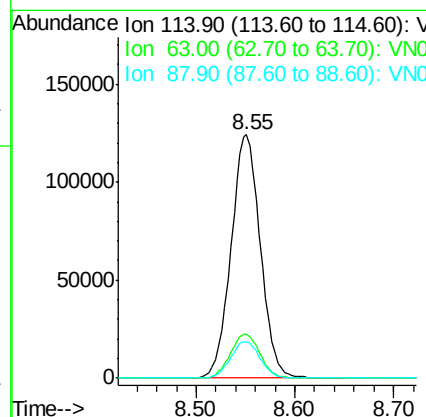
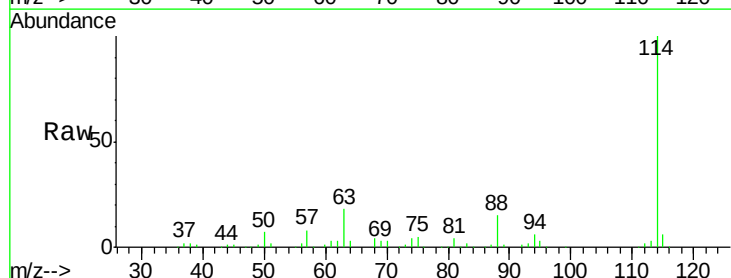
Manual Integrations
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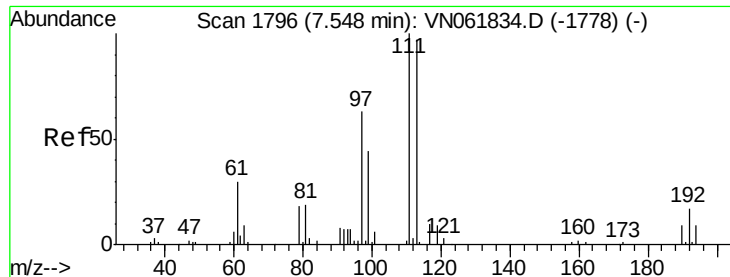
MMDadoda
 6/18/2020 9:37:05 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.3	0.0	37.6	
88	15.1	0.0	31.0	





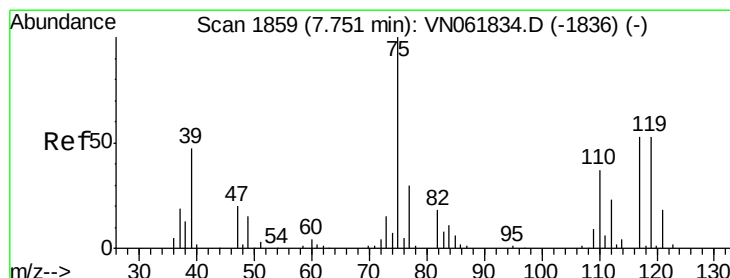
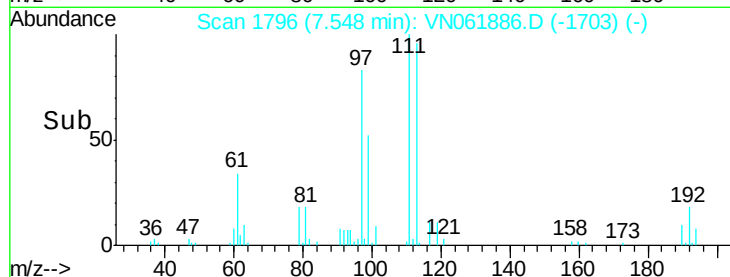
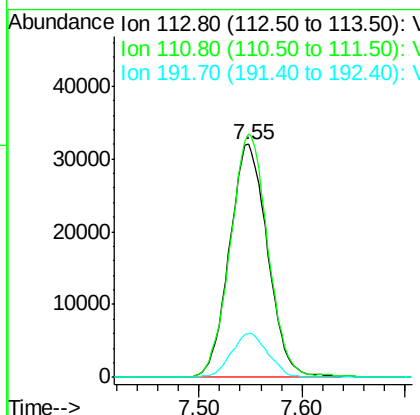
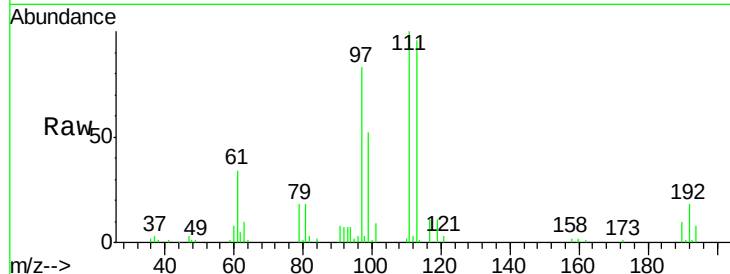
#35
 Dibromofluoromethane
 Concen: 50.037 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	82240		
111	102.8		83.7	125.5
192	18.2		13.9	20.9

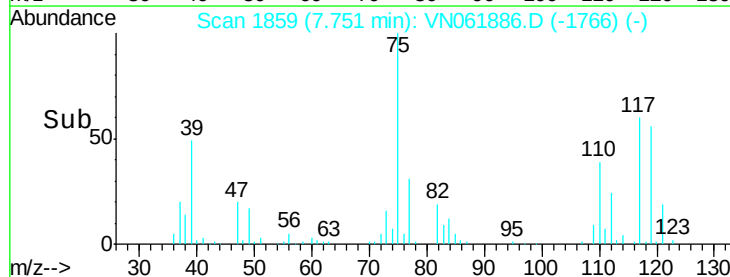
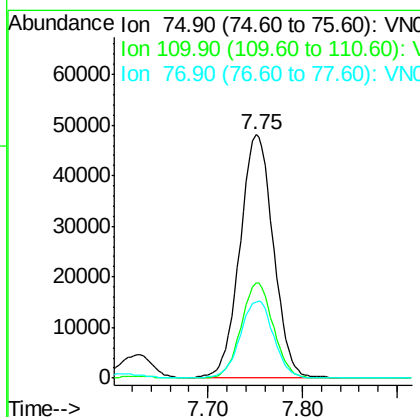
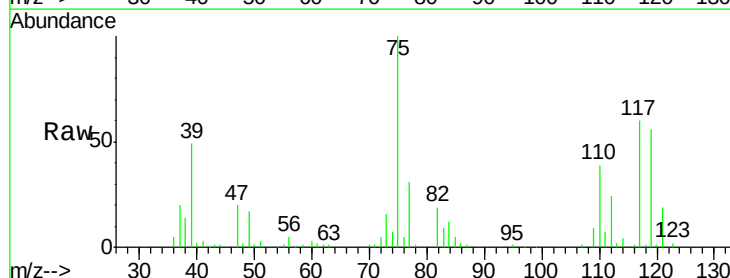
Manual Integrations
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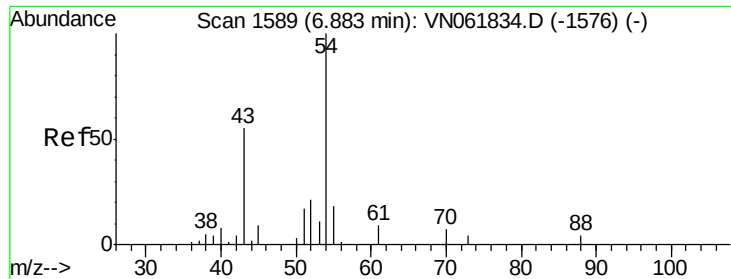
MMDadoda
 6/18/2020 9:37:05 AM



#36
 1,1-Dichloropropene
 Concen: 50.482 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	118296		
110	37.5		18.2	54.6
77	31.6		24.2	36.4





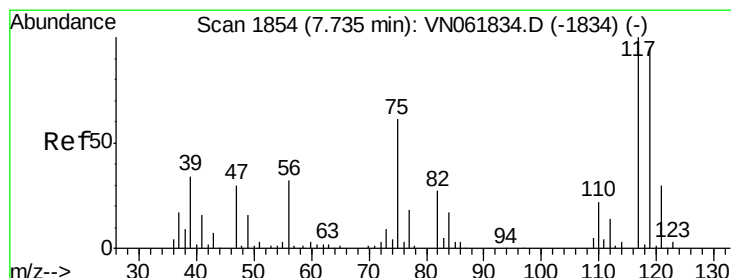
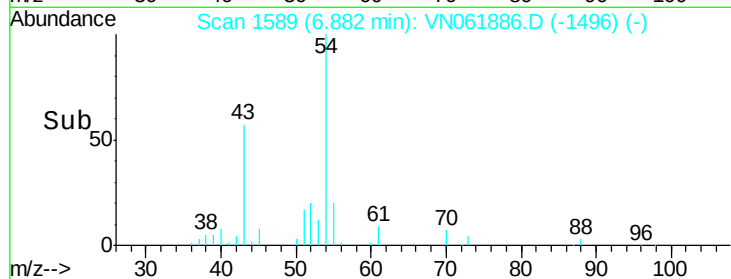
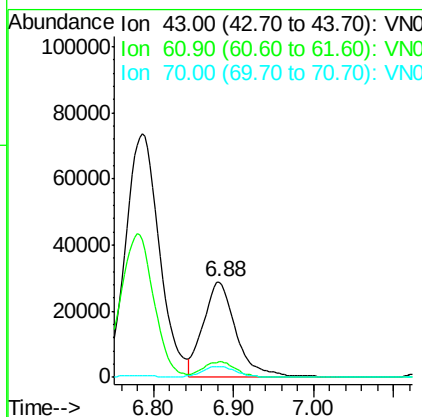
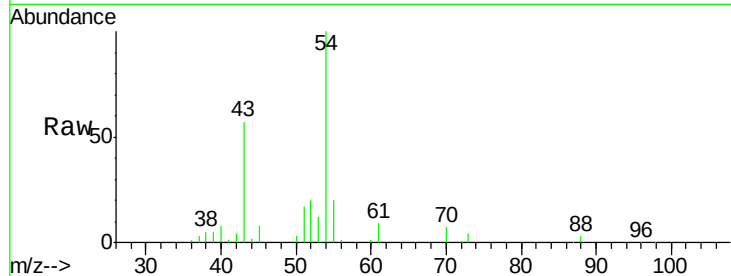
#37
Ethyl Acetate
Concen: 44.556 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.0	19.4
70	12.1	9.4	14.2

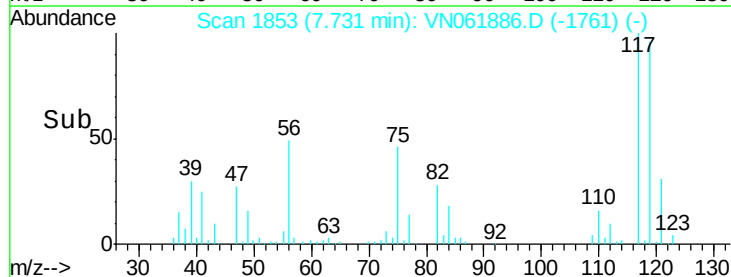
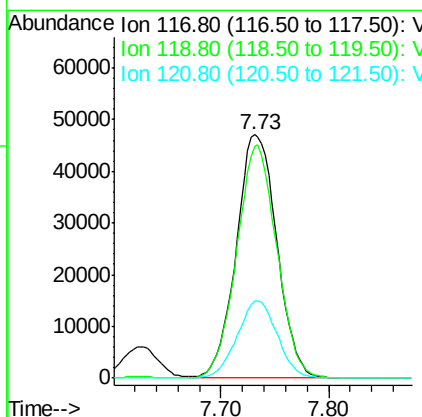
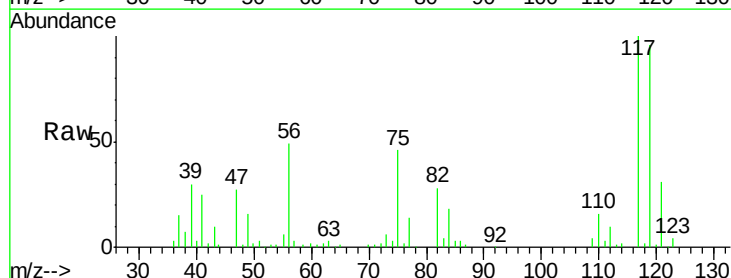
Manual Integrations
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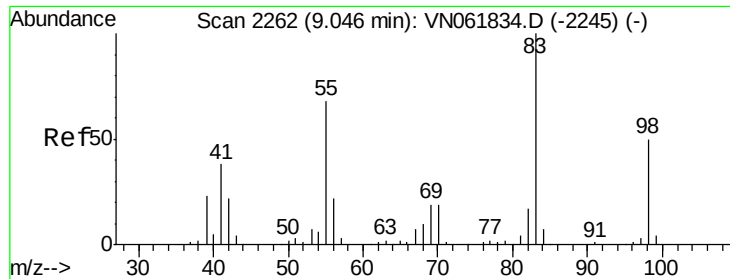
MMDadoda
6/18/2020 9:37:05 AM



#38
Carbon Tetrachloride
Concen: 53.212 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.6
121	31.5	23.8	35.6





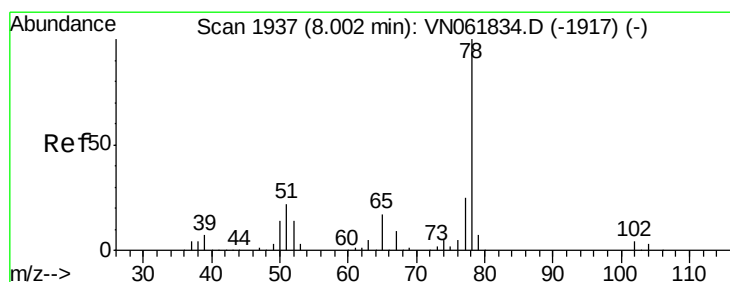
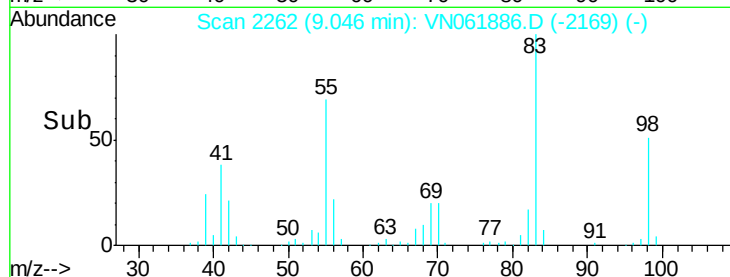
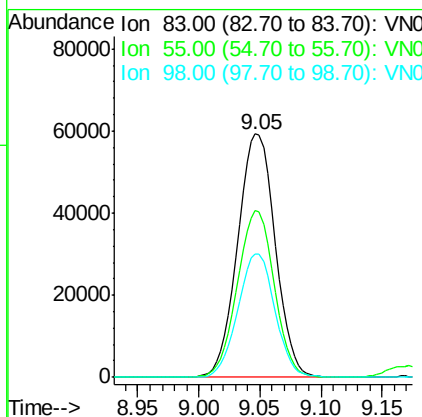
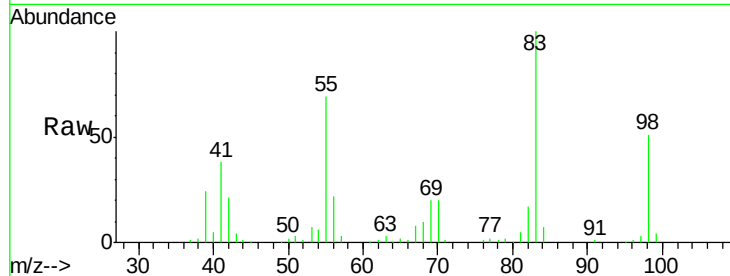
#39
Methylvlcyclohexane
Concen: 50.050 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	54.2	81.4
98	50.8	39.8	59.6

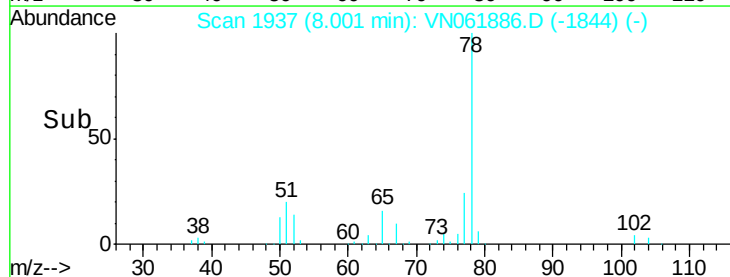
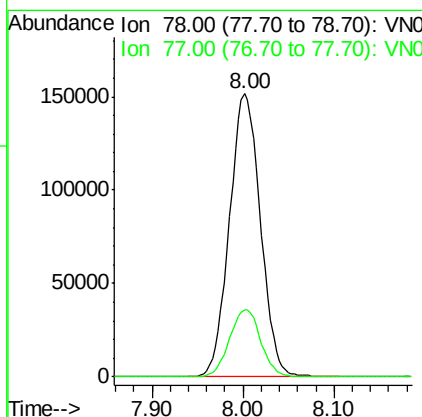
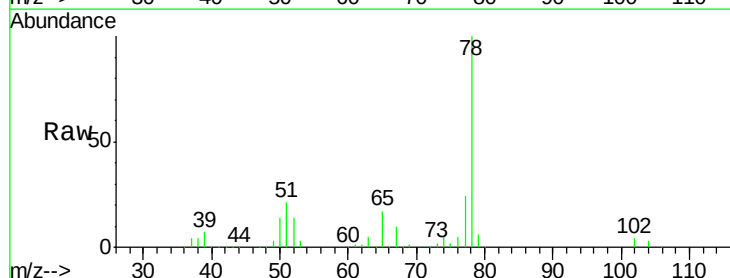
Manual Integrations
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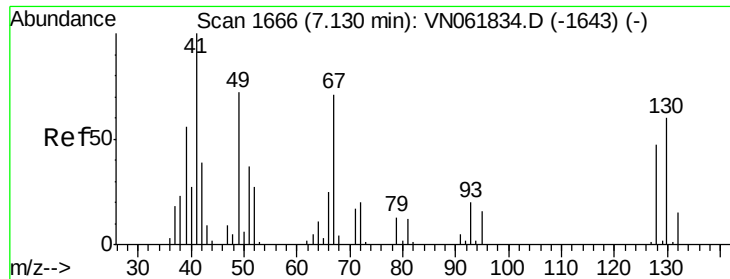
MMDadoda
6/18/2020 9:37:05 AM



#40
Benzene
Concen: 50.642 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.7	29.5





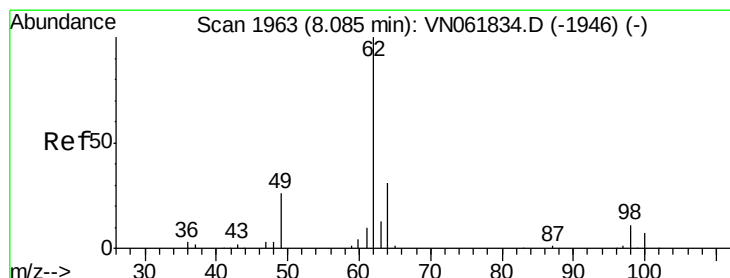
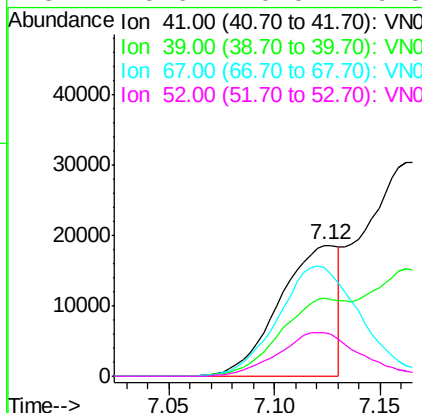
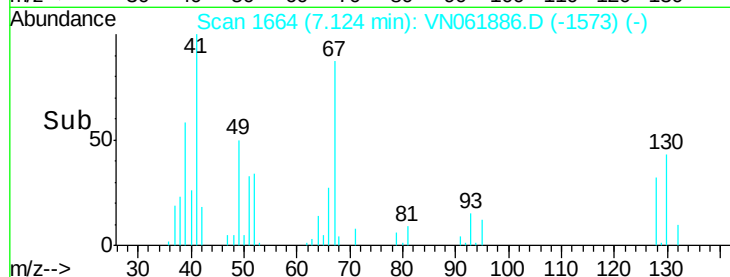
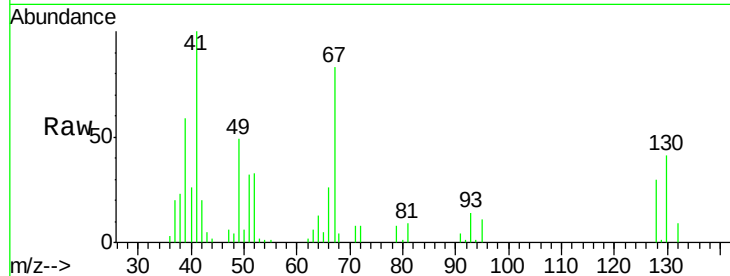
#41
Methacrylonitrile
Concen: 46.048 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	69.4	0.0	0.0	#
67	119.1	0.0	0.0	#
52	46.6	0.0	0.0	#

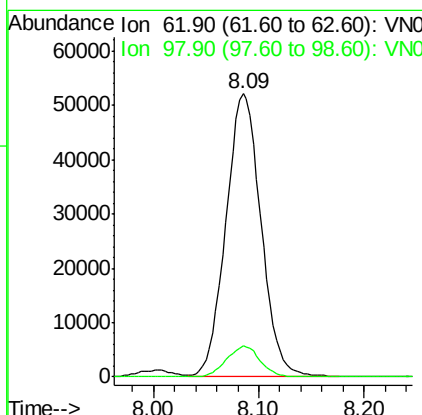
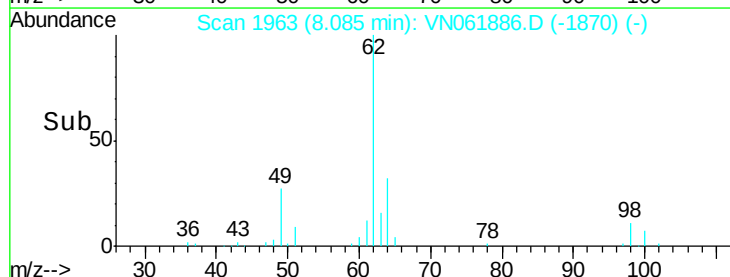
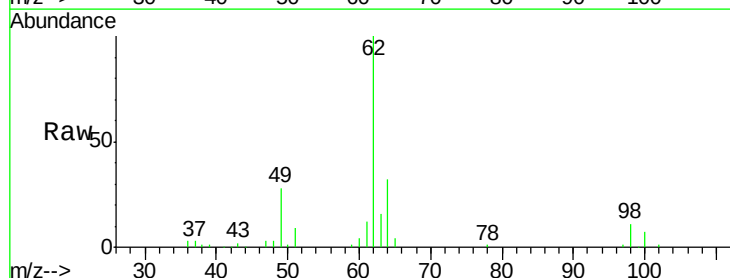
Manual Integrations
APPROVED

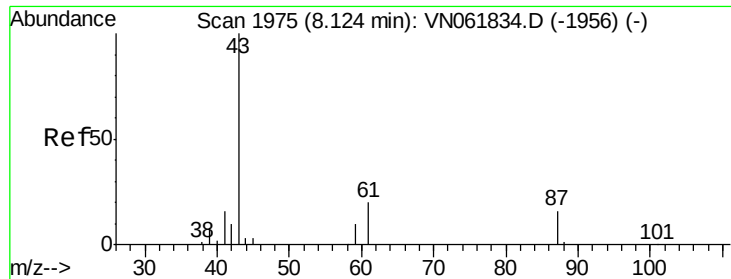
MMDadoda
6/18/2020 9:37:05 AM



#42
1,2-Dichloroethane
Concen: 49.426 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	10.4	0.0	20.4	





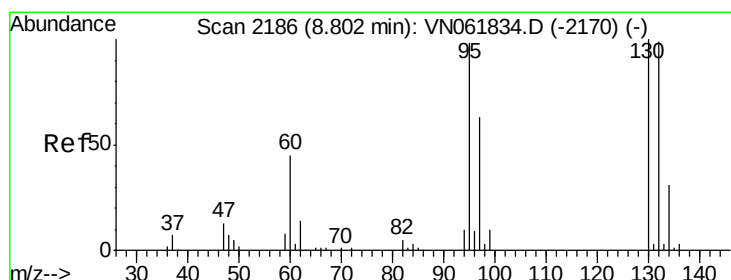
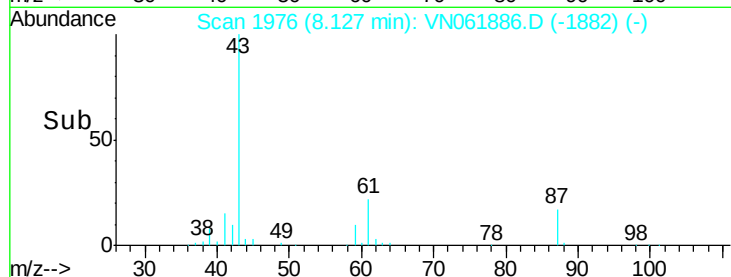
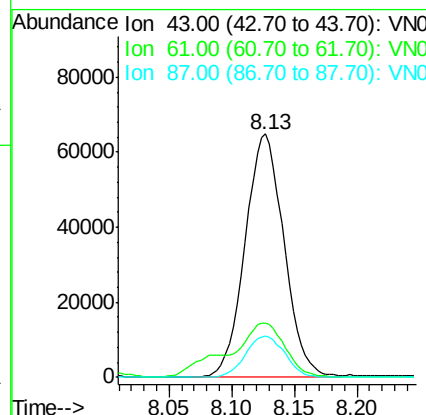
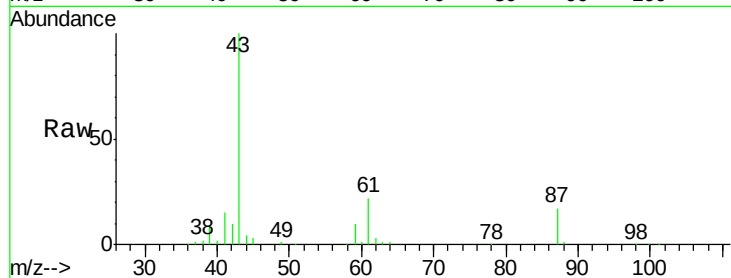
#43
Isopropyl Acetate
Concen: 45.516 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	24.0	36.0#
87	17.2	12.5	18.7

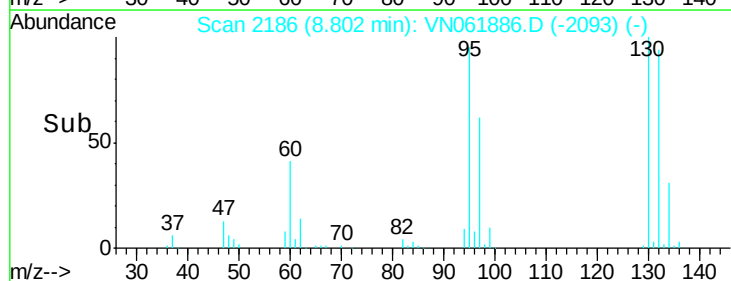
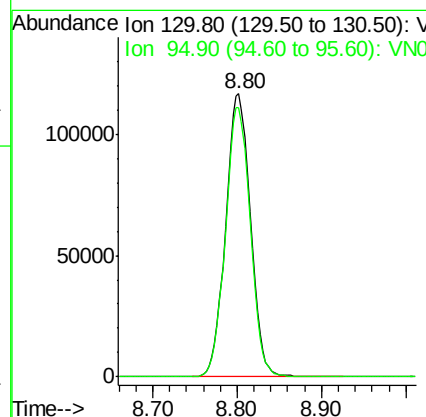
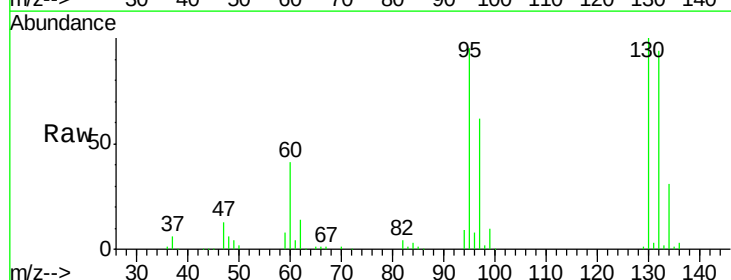
Manual Integrations
APPROVED

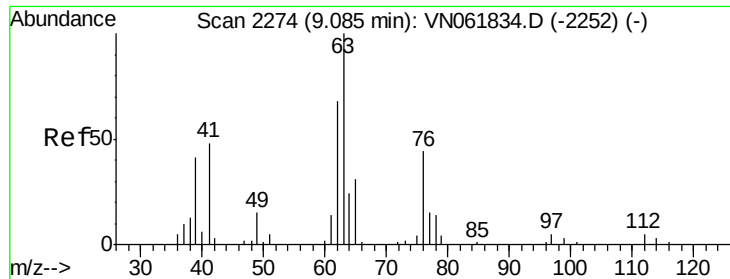
MMDadoda
6/18/2020 9:37:05 AM



#44
Trichloroethene
Concen: 127.493 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	195.6





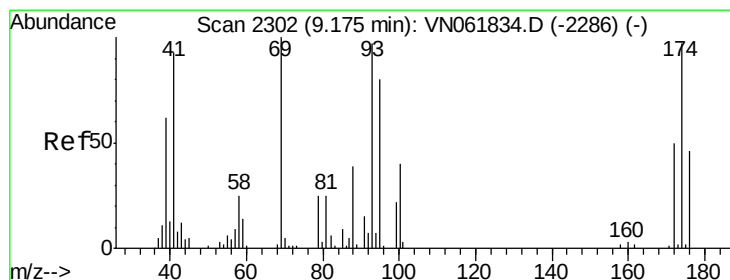
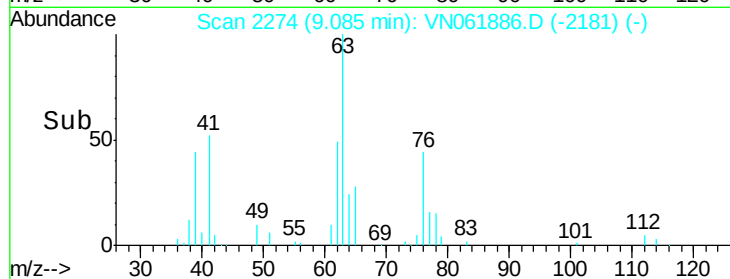
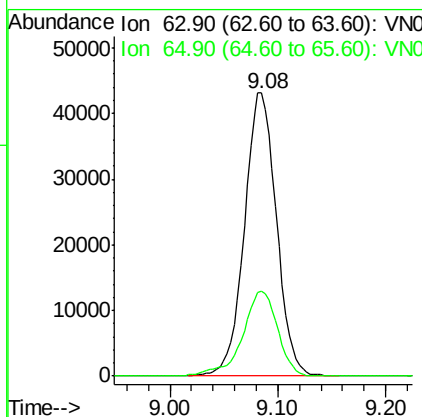
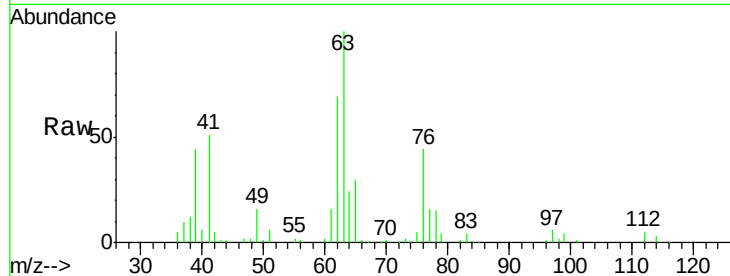
#45
 1,2-Dichloropropane
 Concen: 51.000 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.1	37.7

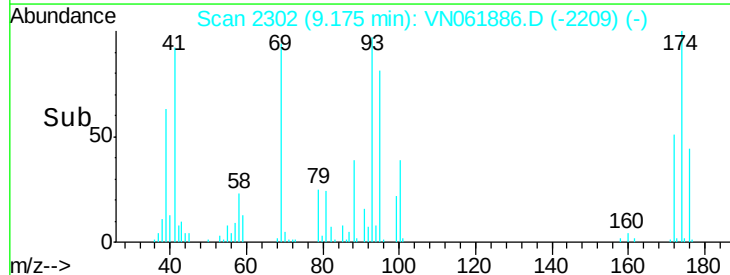
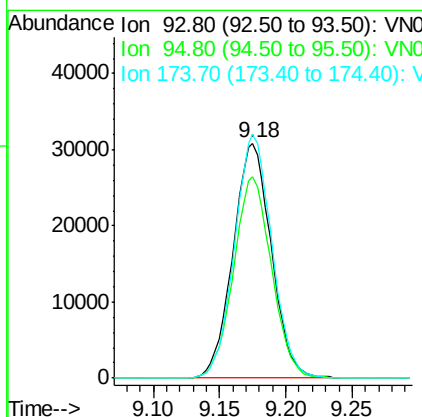
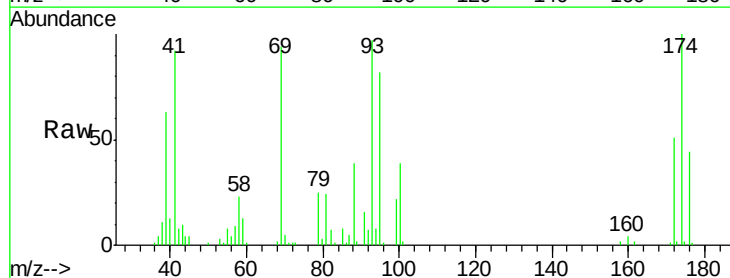
Manual Integrations
 APPROVED

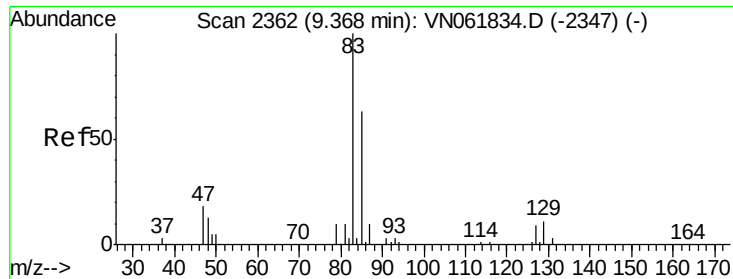
MMDadoda
 6/18/2020 9:37:05 AM



#46
 Dibromomethane
 Concen: 50.267 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	65.8	98.6
174	101.2	78.5	117.7





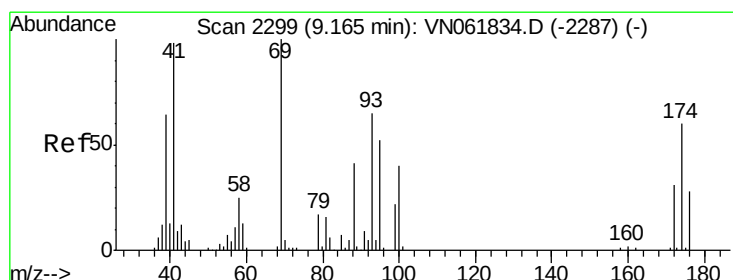
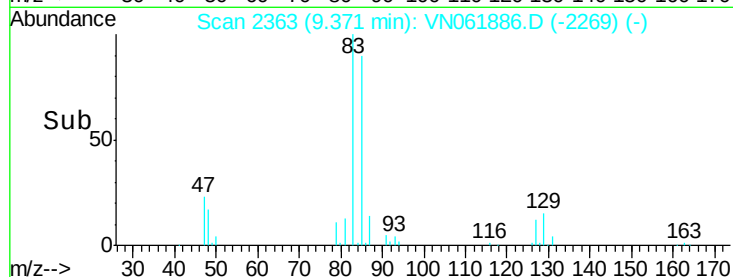
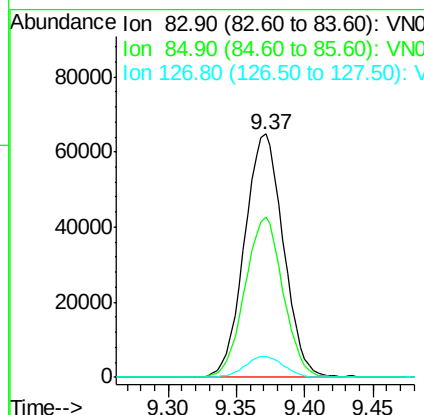
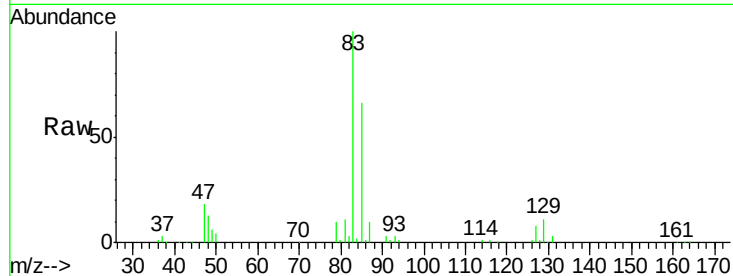
#47
Bromodichloromethane
Concen: 50.899 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	128029		
85	65.9		50.8	76.2
127	8.5		7.0	10.4

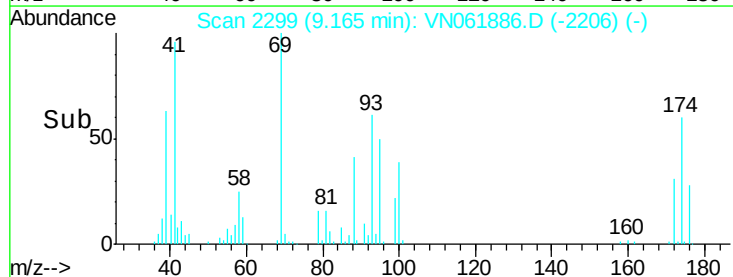
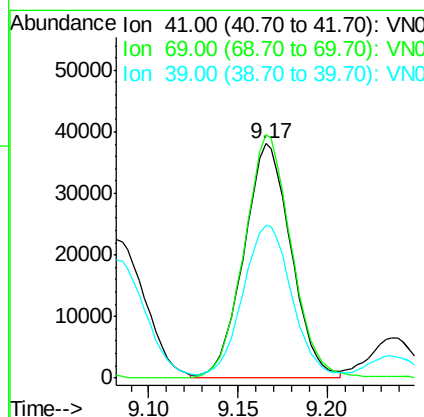
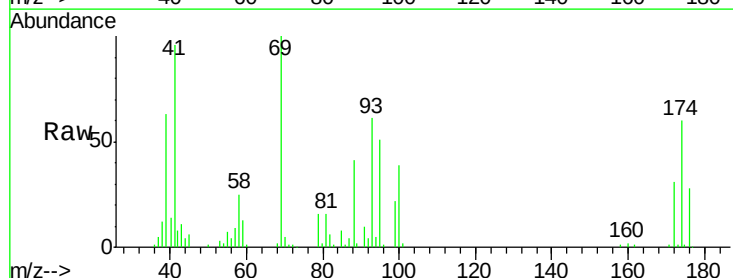
Manual Integrations
APPROVED

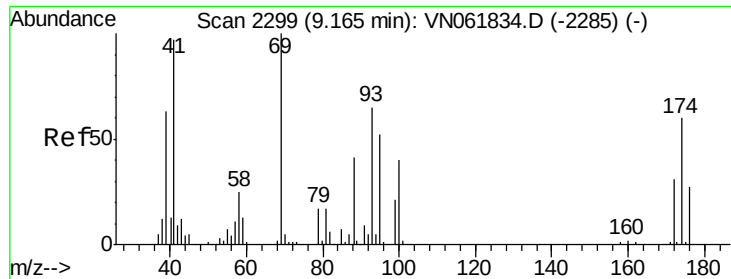
MMDadoda
6/18/2020 9:37:05 AM



#48
Methyl methacrylate
Concen: 50.432 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	70725		
69	103.8		83.0	124.4
39	67.9		55.1	82.7





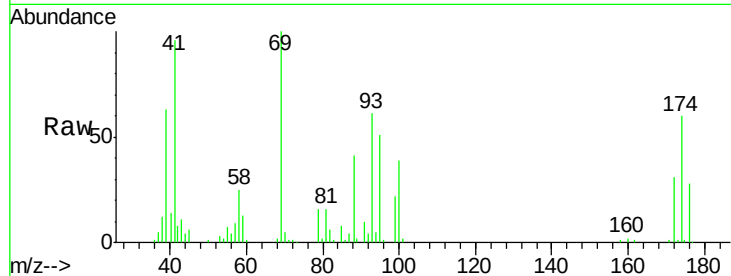
#49
1,4-Dioxane
Concen: 1013.124 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.4	35.2
58	60.5	49.8	74.6

Manual Integrations
APPROVED

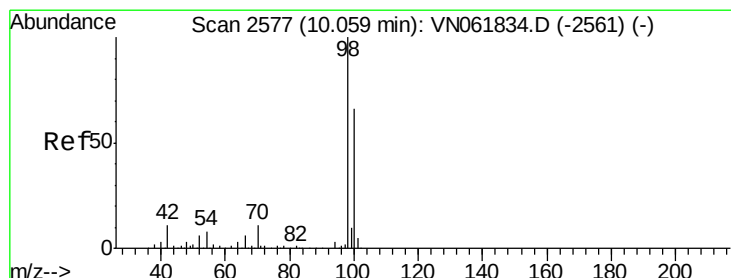
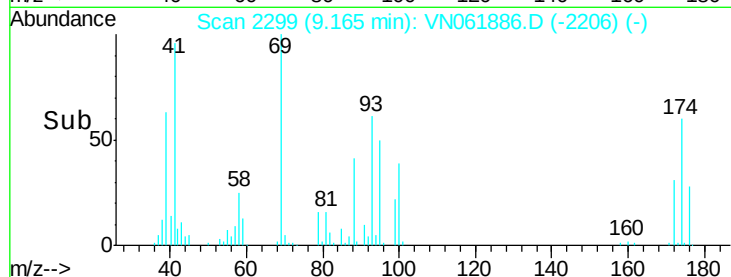
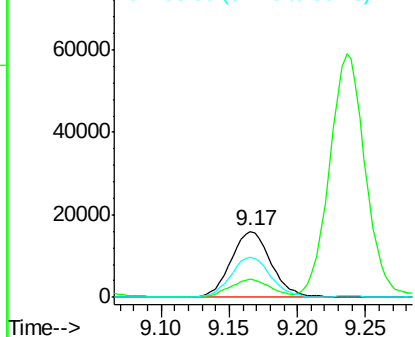
MMDadoda
6/18/2020 9:37:05 AM



Abundance Ion 88.00 (87.70 to 88.70): VN061886.D (-2206) (-)

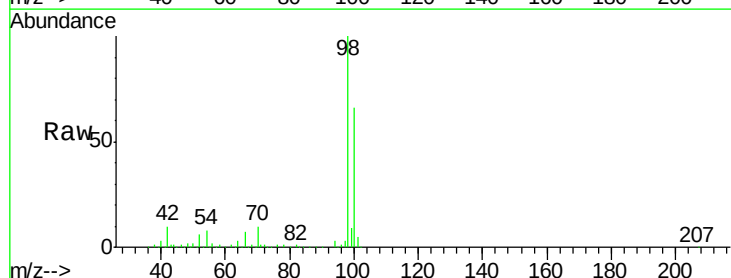
Ion 43.00 (42.70 to 43.70): VN061886.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN061886.D (-2206) (-)



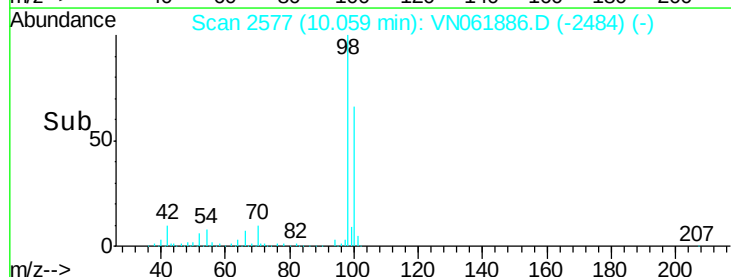
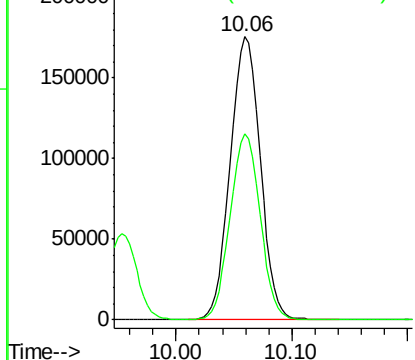
#50
Toluene-d8
Concen: 48.984 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

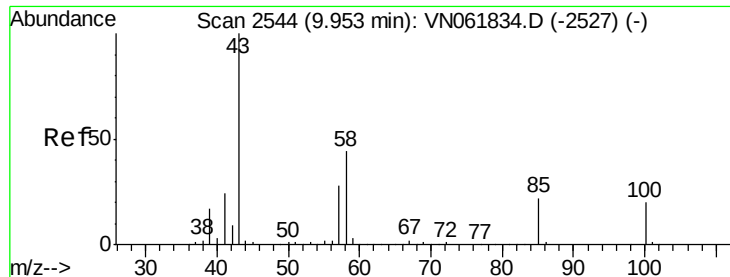
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061886.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061886.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 250.117 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion: 43 Resp: 455795

Ion Ratio Lower Upper

43 100

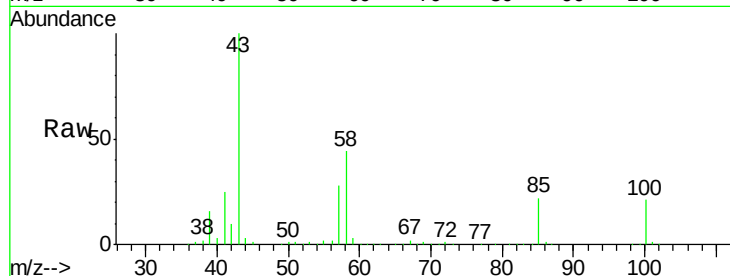
58 44.4 34.6 52.0

Manual Integrations

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6/18/2020 9:37:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

100000

50000

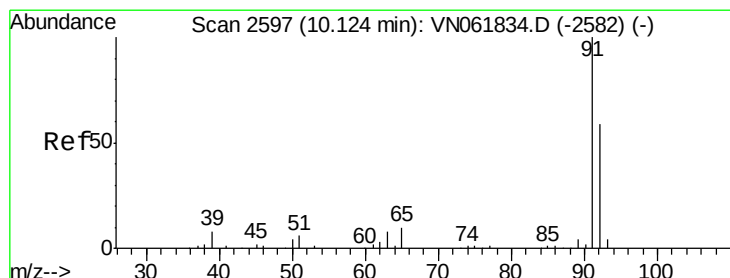
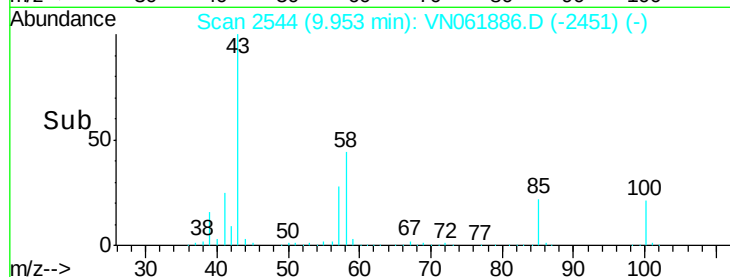
0

9.90

9.95

10.00

Time-->



#52

Toluene

Concen: 52.302 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061886.D

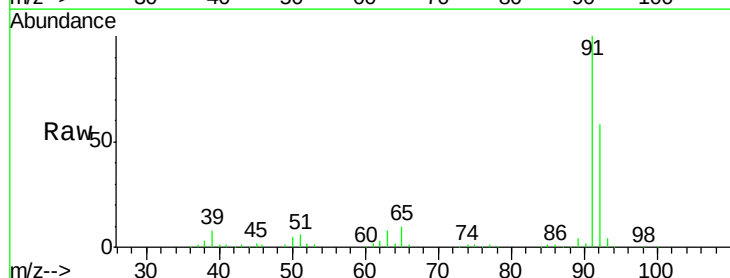
Acq: 18 Jun 2020 7:05

Tgt Ion: 92 Resp: 233163

Ion Ratio Lower Upper

92 100

91 171.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

250000

200000

150000

100000

50000

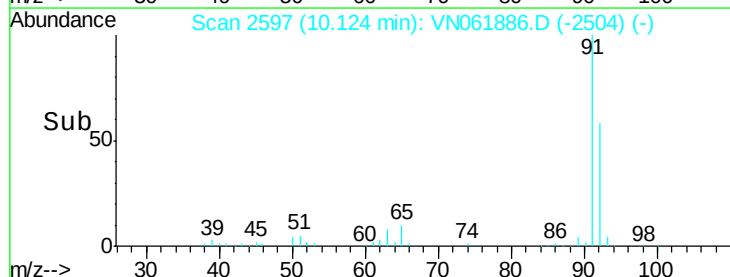
0

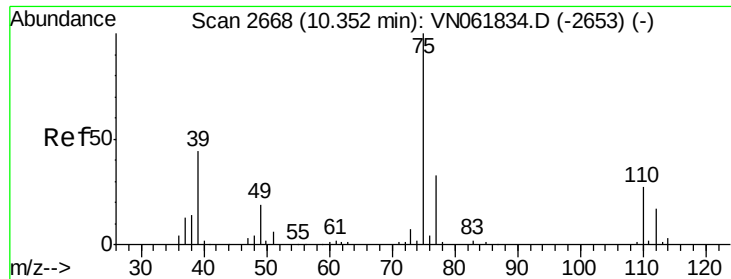
10.10

10.12

10.20

Time-->





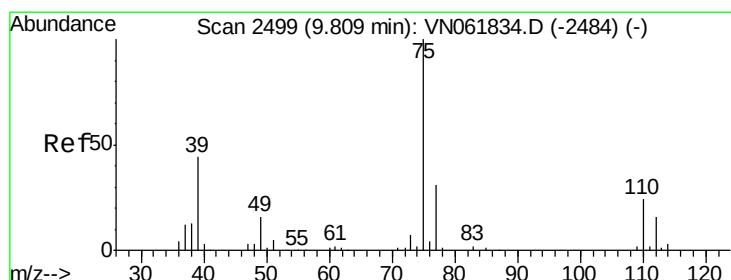
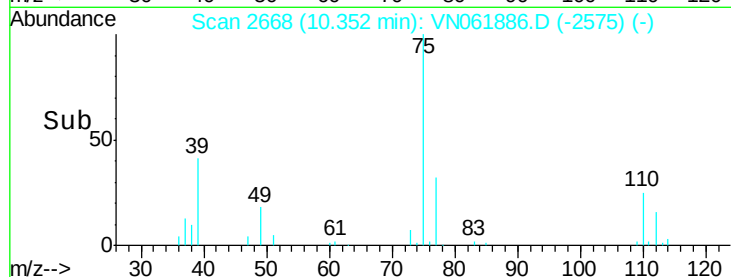
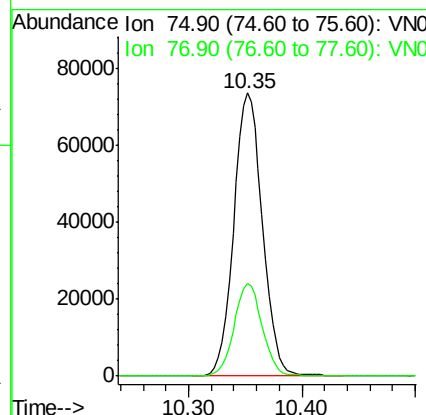
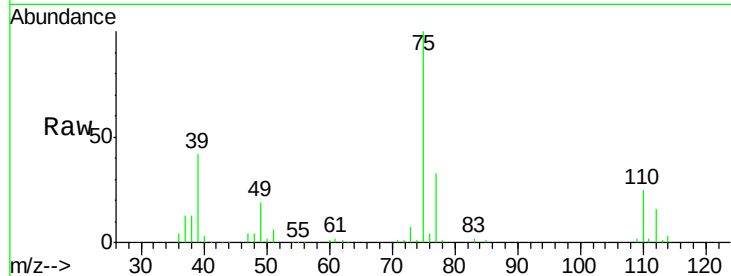
#53
t-1,3-Dichloropropene
Concen: 48.428 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.3	39.5

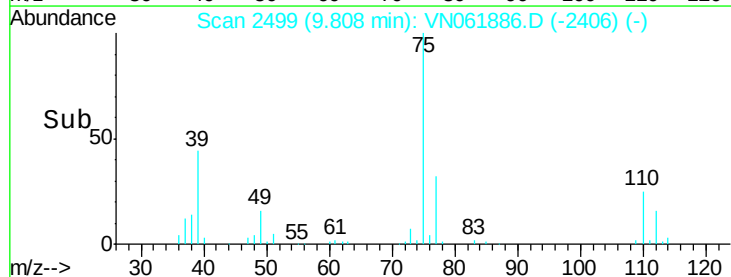
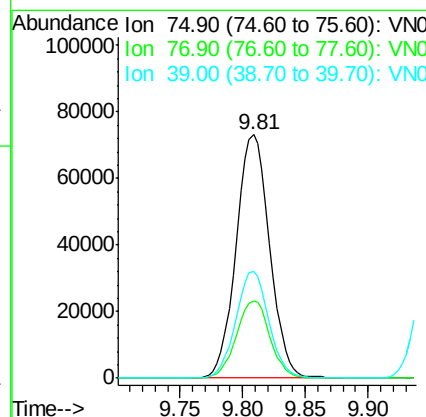
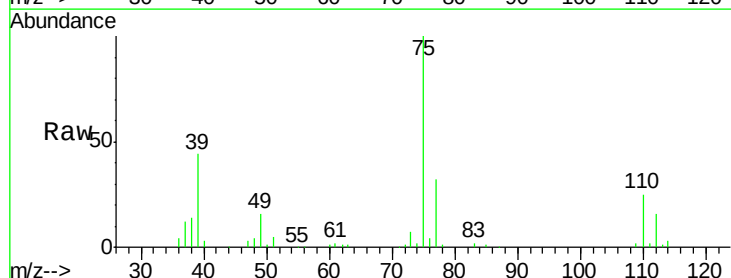
Manual Integrations
APPROVED

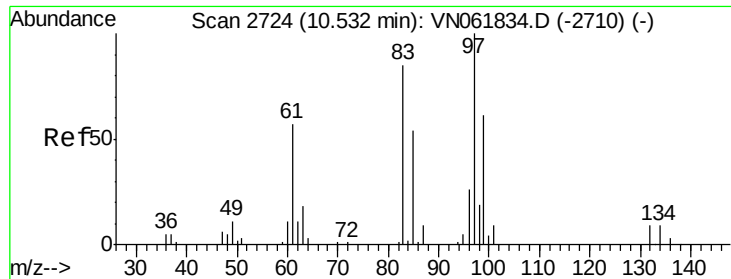
MMDadoda
6/18/2020 9:37:05 AM



#54
cis-1,3-Dichloropropene
Concen: 46.873 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	44.0	35.4	53.0





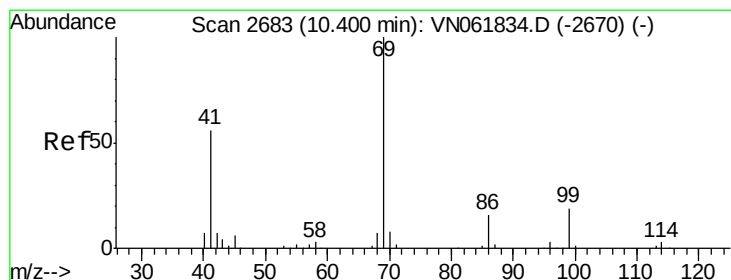
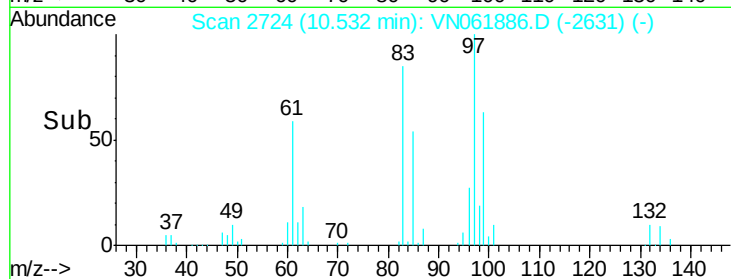
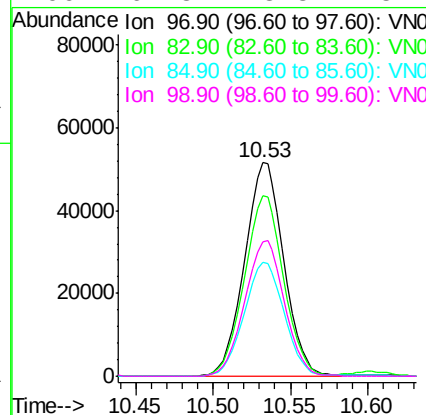
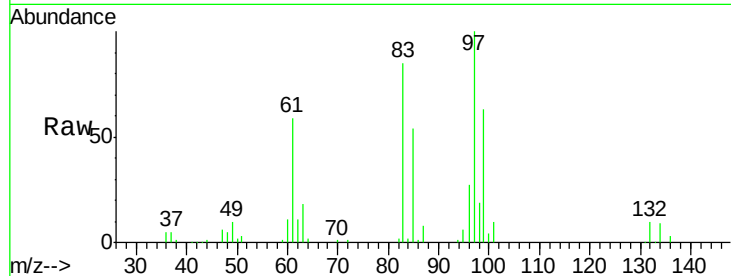
#55
 1,1,2-Trichloroethane
 Concen: 51.859 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion:	97	Resp:	90961
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.7	101.5
85	53.6	43.4	65.0
99	62.8	48.8	73.2

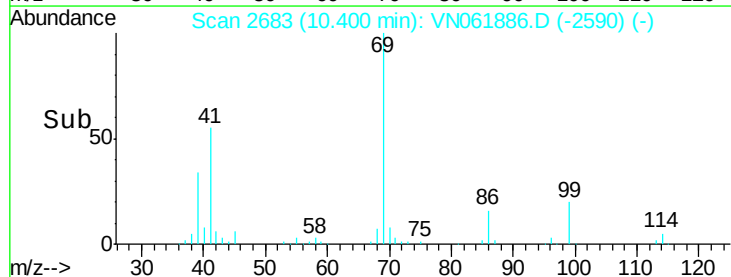
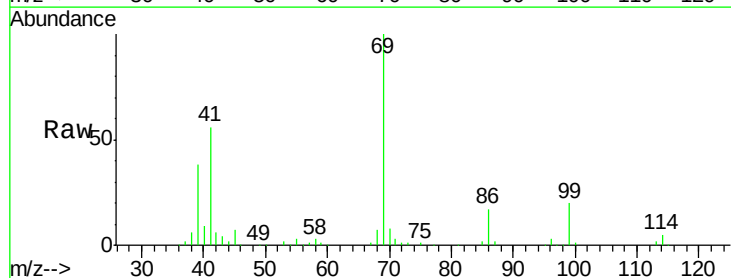
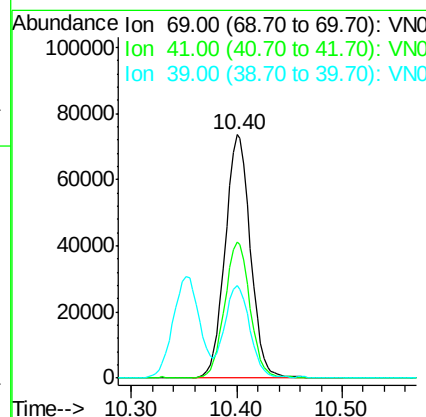
Manual Integrations
 APPROVED

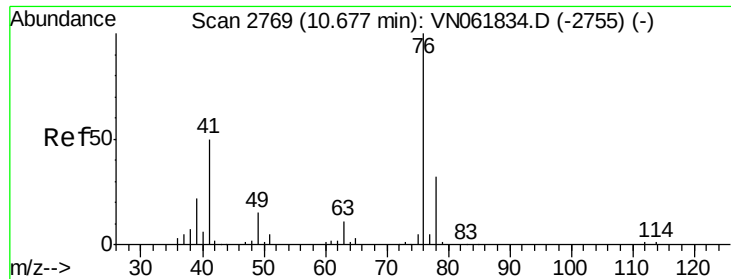
MMDadoda
 6/18/2020 9:37:05 AM



#56
 Ethyl methacrylate
 Concen: 45.839 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion:	69	Resp:	122125
Ion	Ratio	Lower	Upper
69	100		
41	55.3	44.9	67.3
39	37.3	30.0	45.0





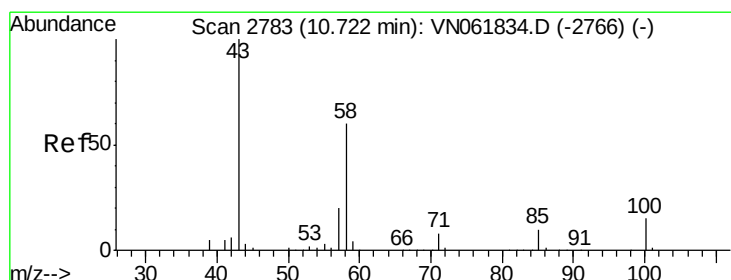
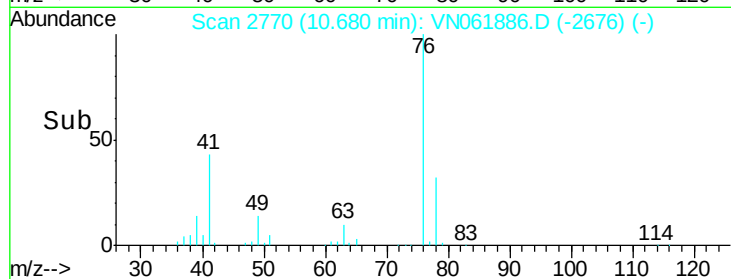
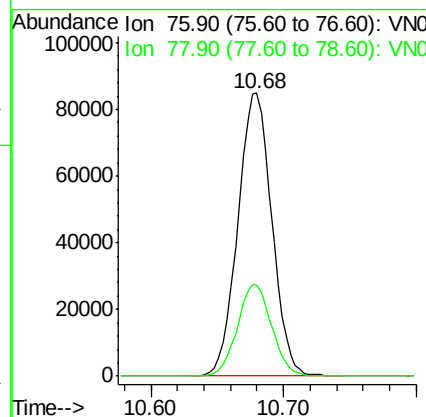
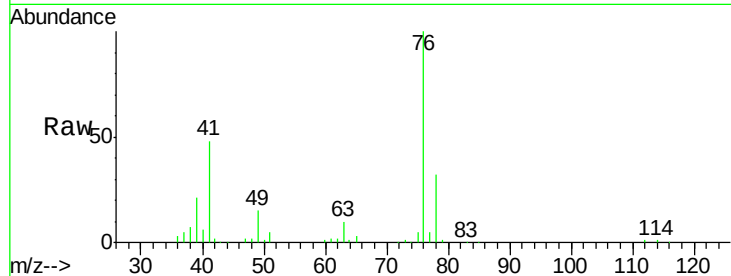
#57
 1,3-Dichloropropane
 Concen: 50.865 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.8

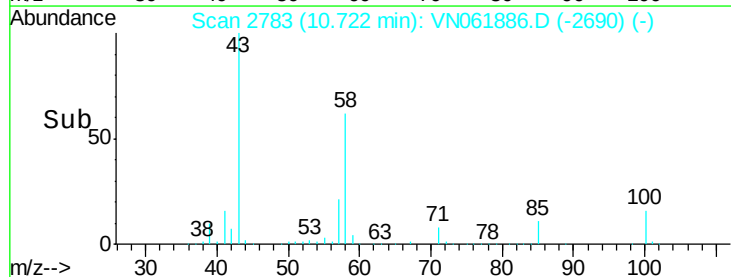
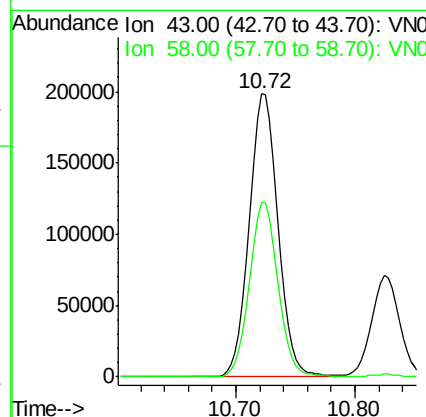
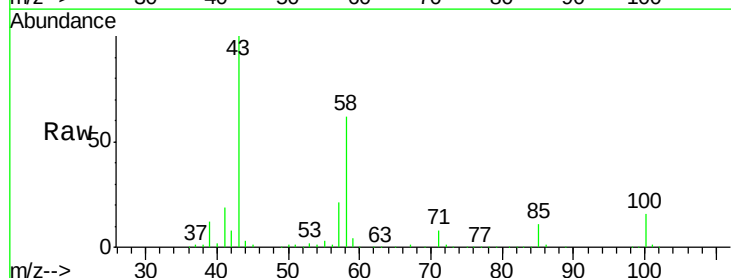
Manual Integrations
 APPROVED

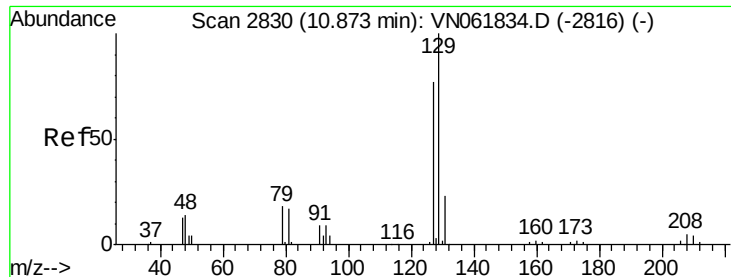
MMDadoda
 6/18/2020 9:37:05 AM



#59
 2-Hexanone
 Concen: 230.355 ug/l
 RT: 10.72 min Scan# 2783
 Delta R.T. 0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	61.2	30.1	90.5





#60

Dibromochloromethane

Concen: 51.992 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion:129 Resp: 101759

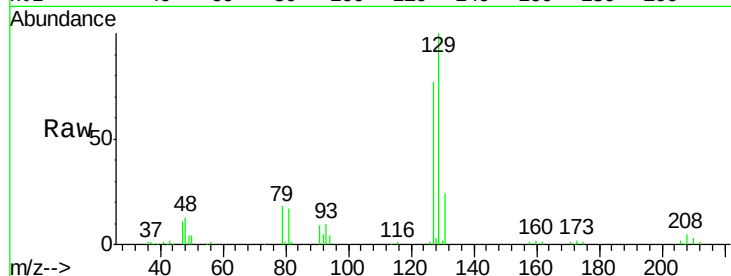
Ion Ratio Lower Upper

129 100

127 78.1 38.5 115.5

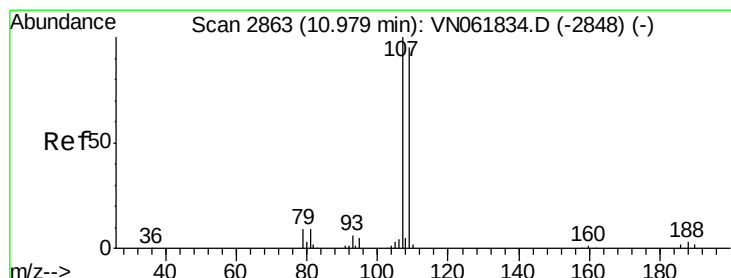
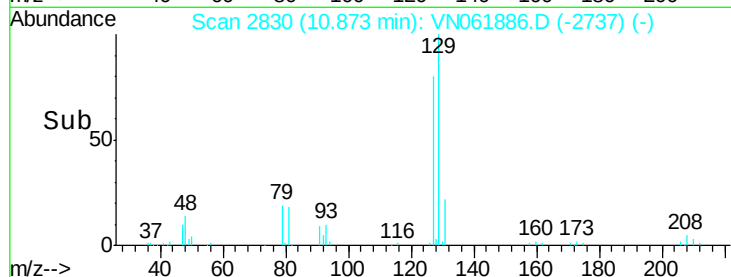
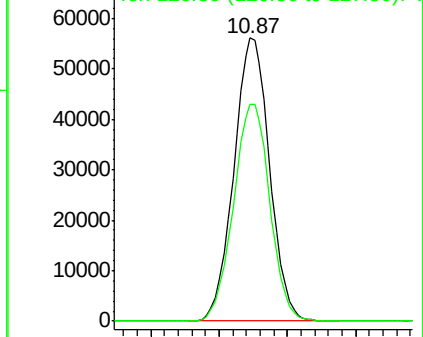
Manual Integrations
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6/18/2020 9:37:05 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.250 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN061886.D

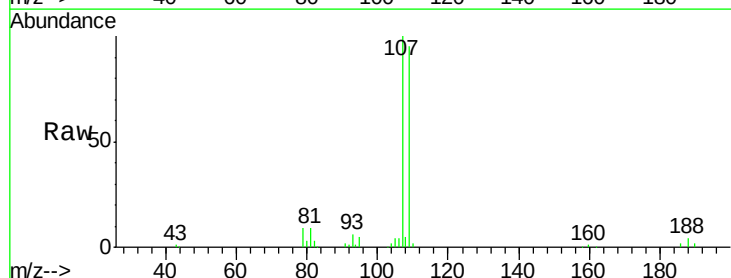
Acq: 18 Jun 2020 7:05

Tgt Ion:107 Resp: 92034

Ion Ratio Lower Upper

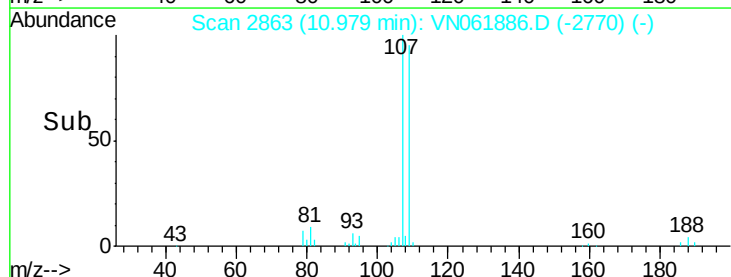
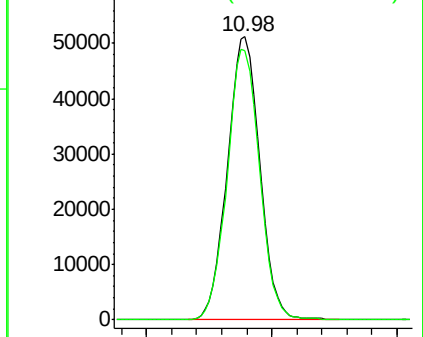
107 100

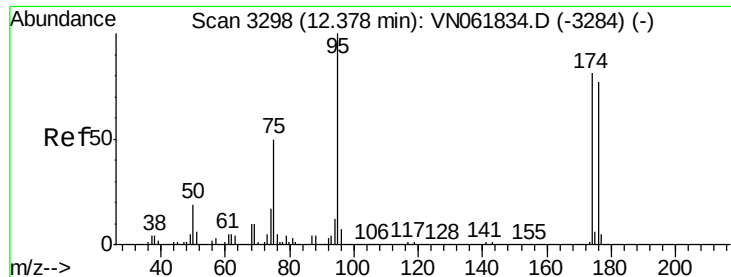
109 95.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.654 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

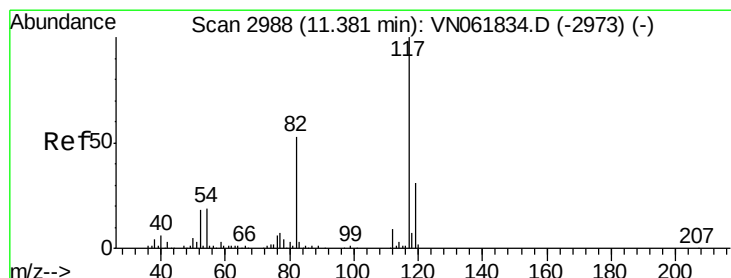
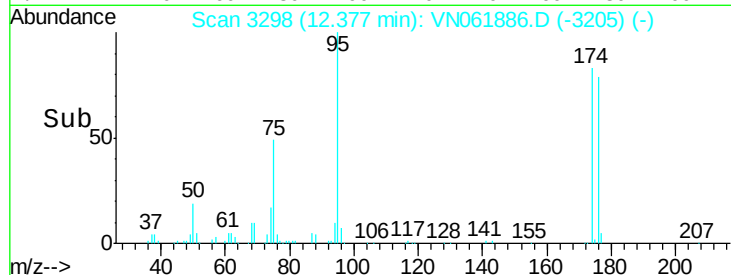
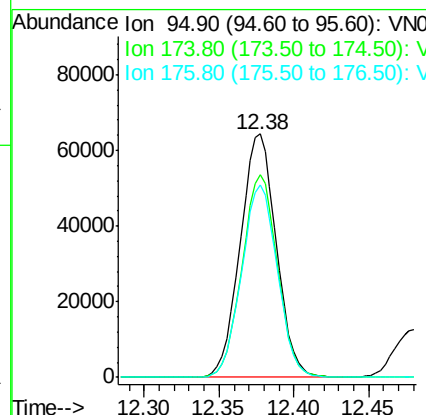
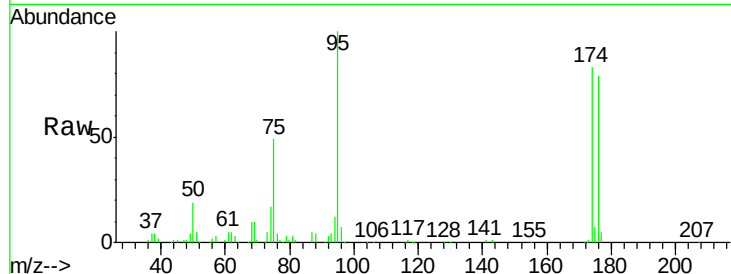
ClientSampleId :

RE117D1-20200611MS

Tot Ion:	95	Resp:	107837
Ion Ratio	Lower	Upper	
95	100		
174	81.9	0.0	158.6
176	78.6	0.0	152.0

Manual Integrations
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6/18/2020 9:37:05 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

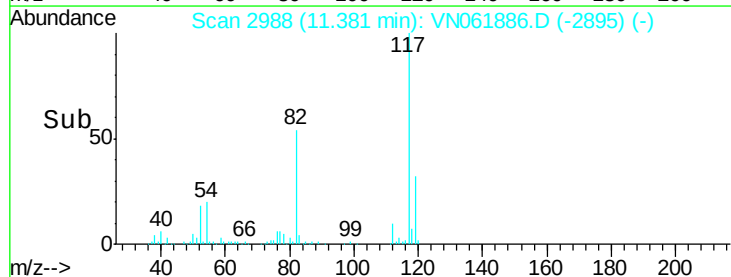
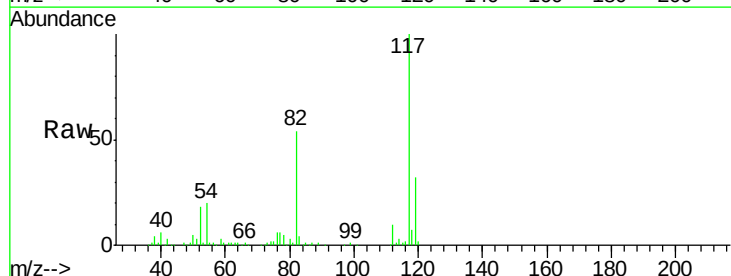
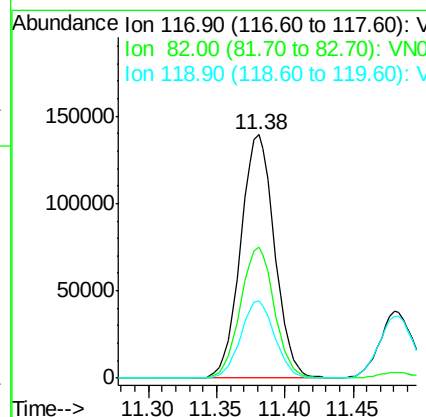
RT: 11.38 min Scan# 2988

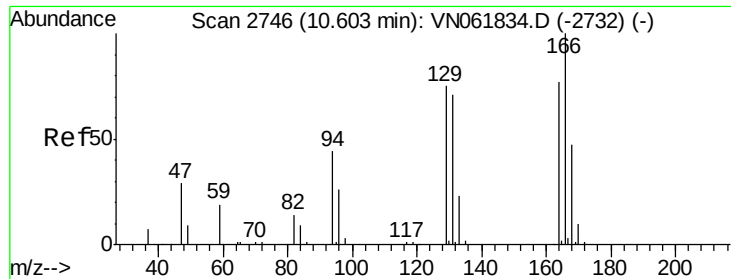
Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Tgt Ion:	117	Resp:	240556
Ion Ratio	Lower	Upper	
117	100		
82	53.7	42.6	64.0
119	31.7	24.7	37.1





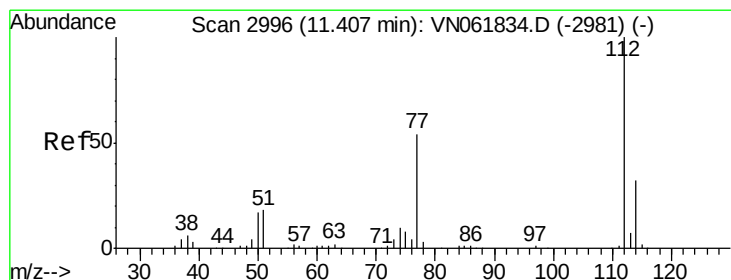
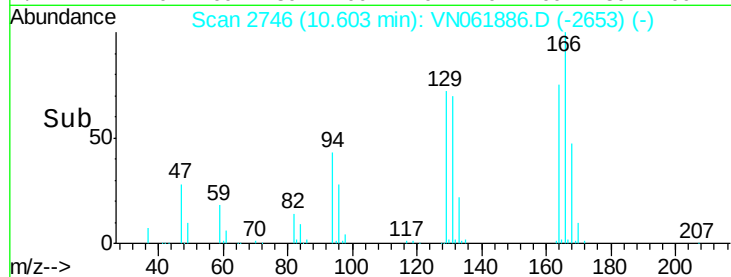
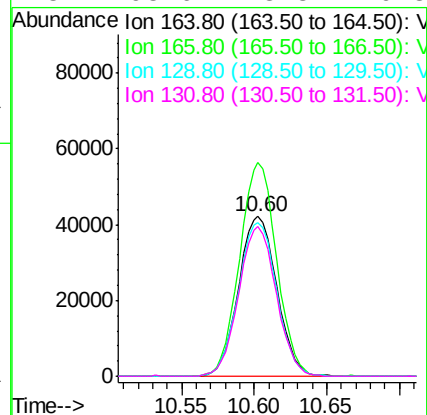
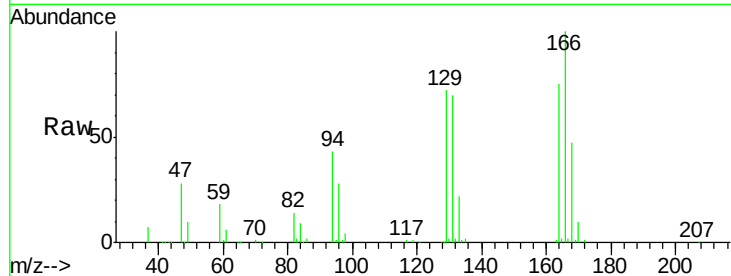
#64
Tetrachloroethene
Concen: 50.467 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	133.7	103.5	155.3
129	96.2	77.5	116.3
131	93.6	73.8	110.8

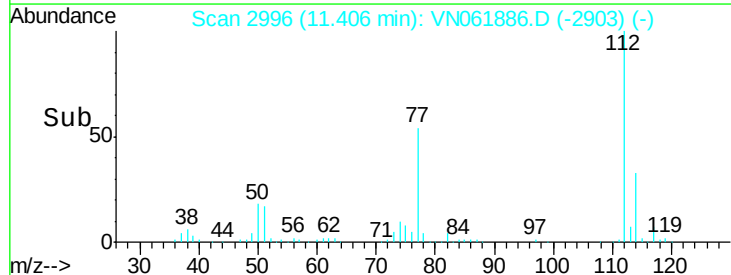
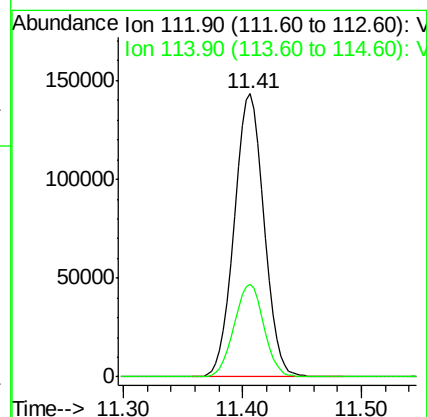
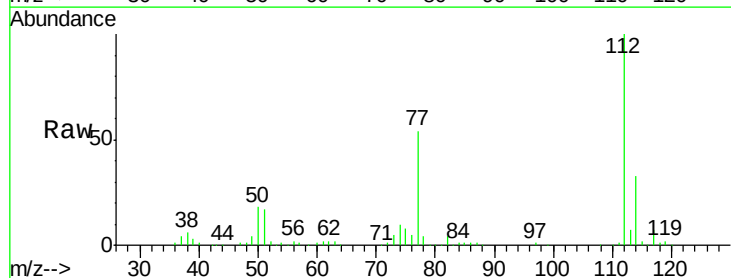
Manual Integrations
APPROVED

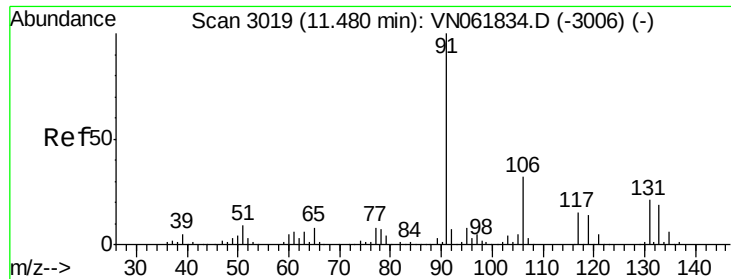
MMDadoda
6/18/2020 9:37:05 AM



#65
Chlorobenzene
Concen: 49.016 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.8	38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 51.987 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion:131 Resp: 92032

Ion Ratio Lower Upper

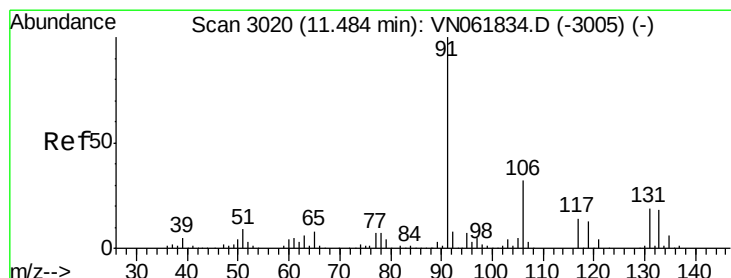
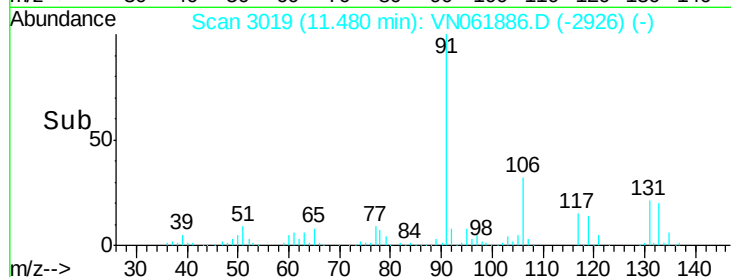
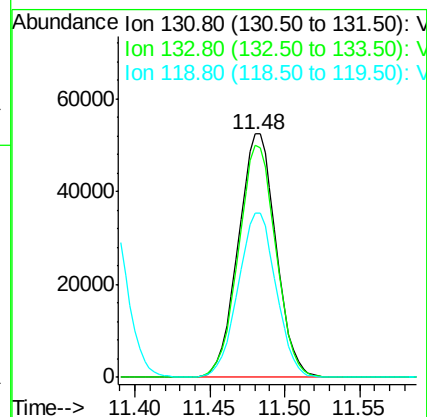
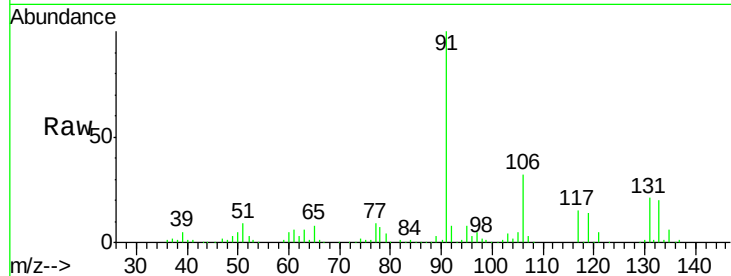
131 100

133 94.3 47.5 142.5

119 67.8 34.0 101.8

Manual Integrations
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MMDadoda
6/18/2020 9:37:05 AM



#67

Ethyl Benzene

Concen: 51.239 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061886.D

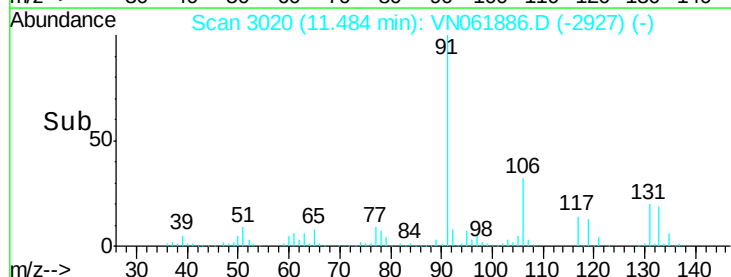
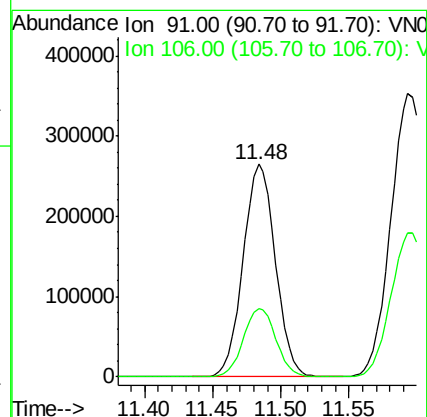
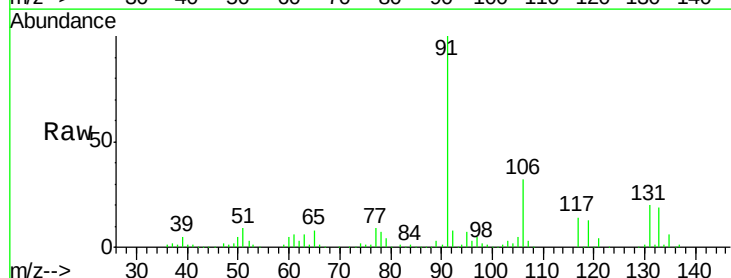
Acq: 18 Jun 2020 7:05

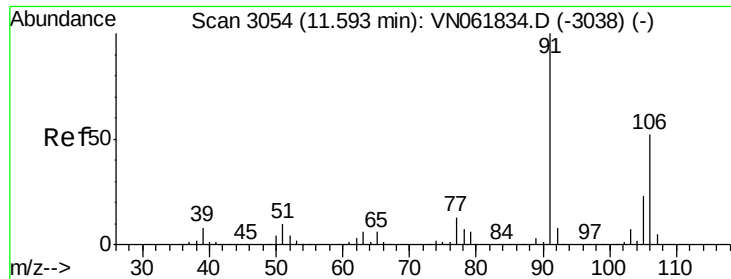
Tgt Ion: 91 Resp: 436071

Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.2





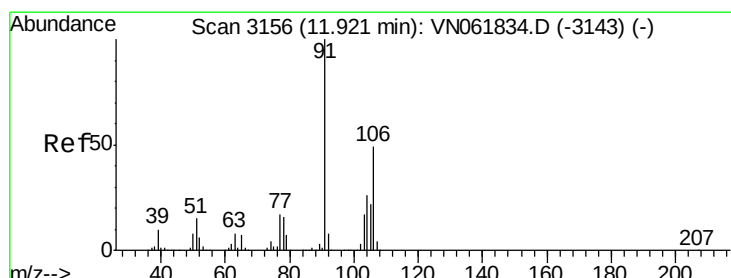
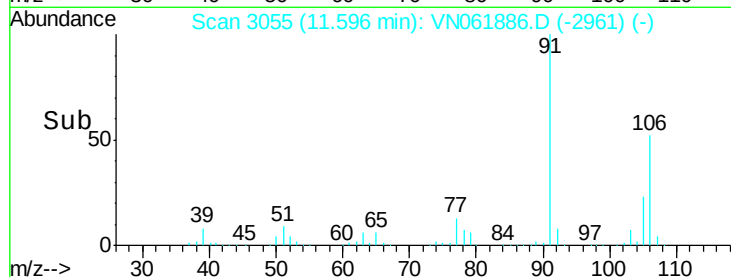
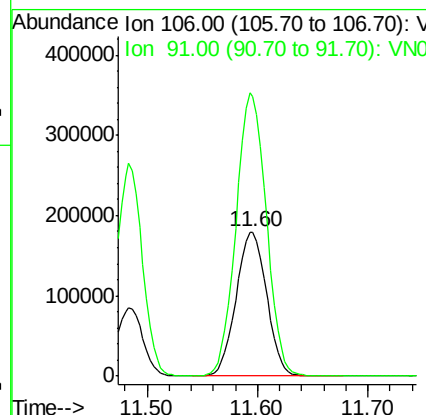
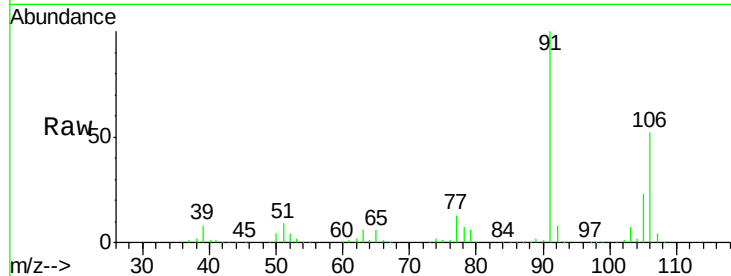
#68
m/p-Xylenes
Concen: 104.754 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion:106 Resp: 343766
Ion Ratio Lower Upper
106 100
91 194.6 157.0 235.6

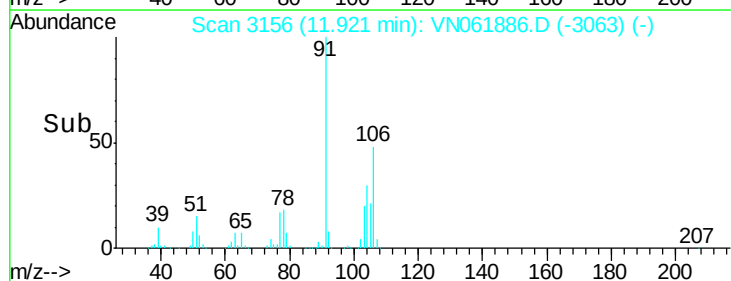
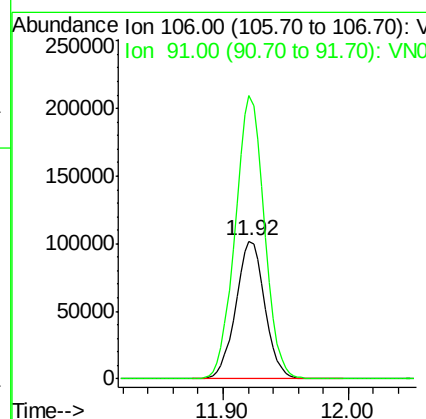
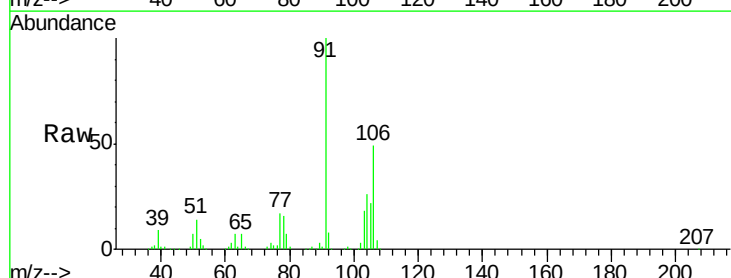
Manual Integrations
APPROVED

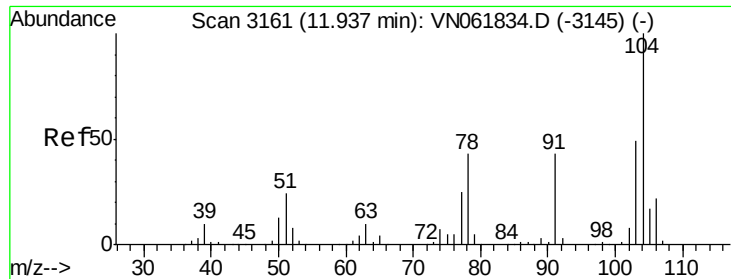
MMDadoda
6/18/2020 9:37:05 AM



#69
o-Xylene
Concen: 52.119 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion:106 Resp: 163193
Ion Ratio Lower Upper
106 100
91 207.0 103.0 308.9





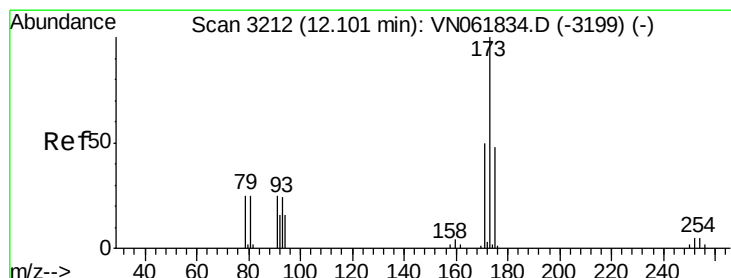
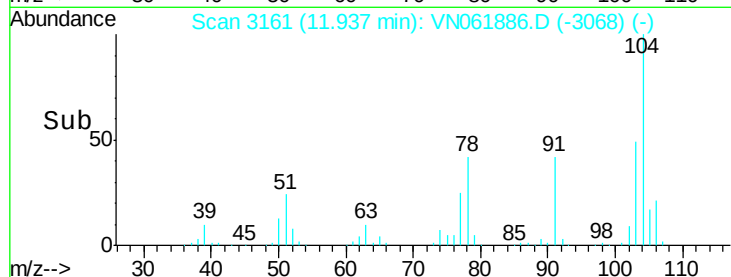
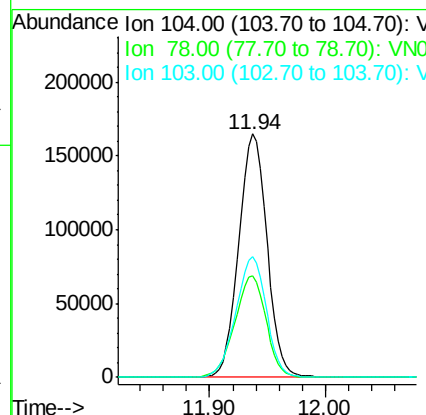
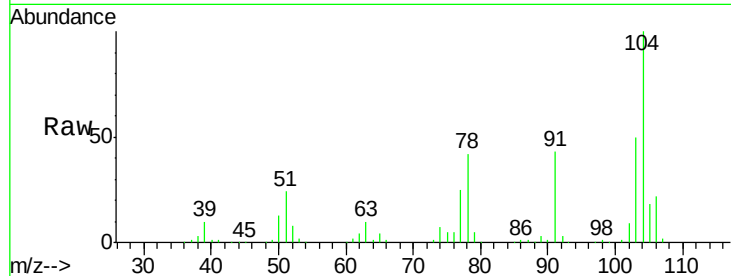
#70
Stvrene
Concen: 53.131 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	278557		
78	46.1		37.6	56.4
103	53.5		43.0	64.4

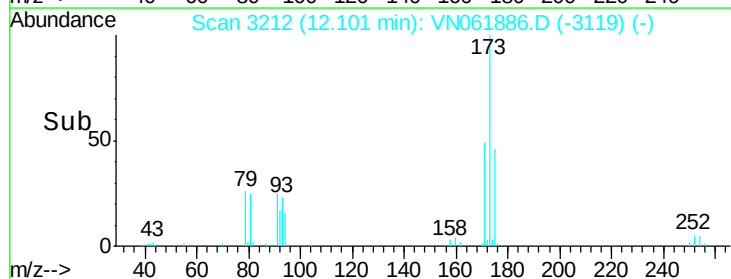
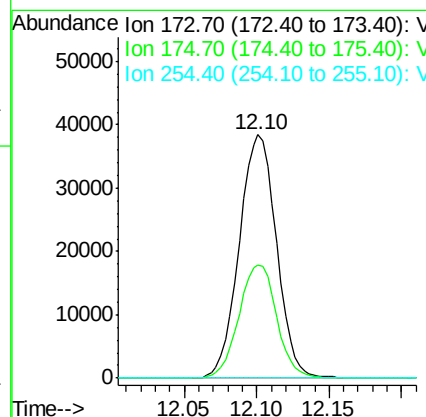
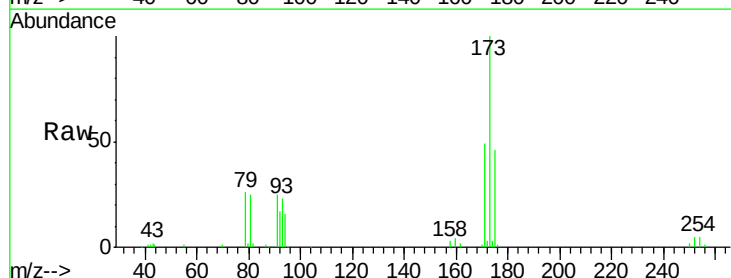
Manual Integrations
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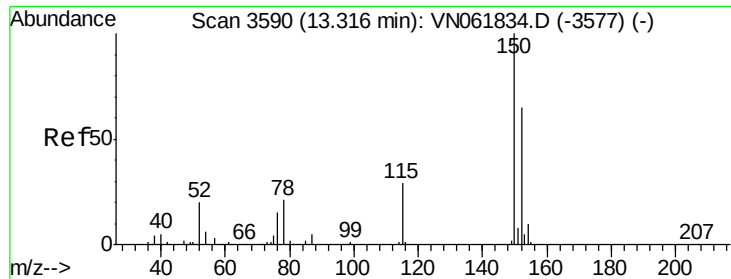
MMDadoda
6/18/2020 9:37:05 AM



#71
Bromoform
Concen: 53.029 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	68450		
175	47.1		23.9	71.7
254	0.0		0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion:152 Resp: 117400

Ion Ratio Lower Upper

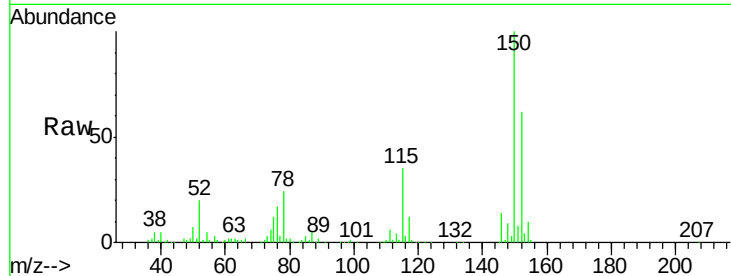
152 100

115 57.4 29.1 87.3

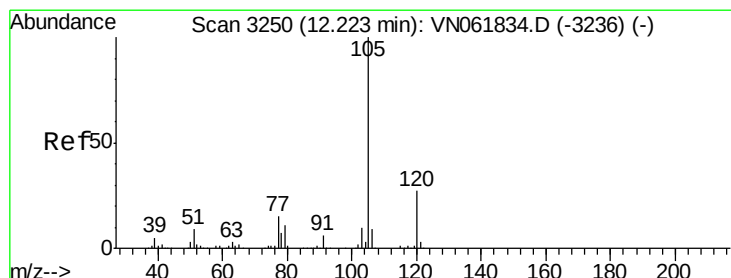
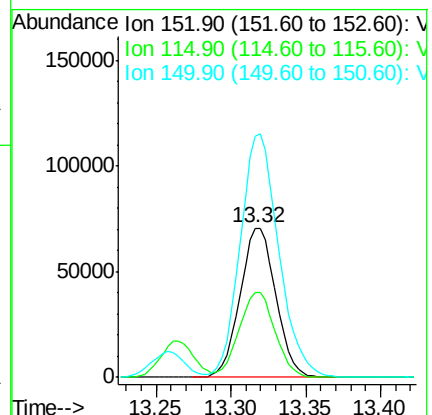
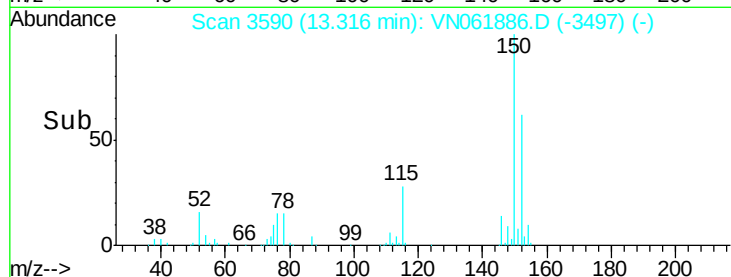
150 175.8 0.0 347.6

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.345 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061886.D

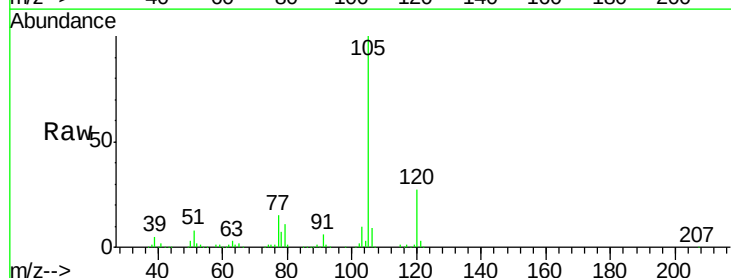
Acq: 18 Jun 2020 7:05

Tgt Ion:105 Resp: 428347

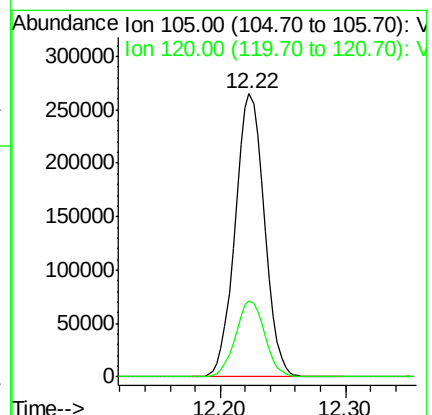
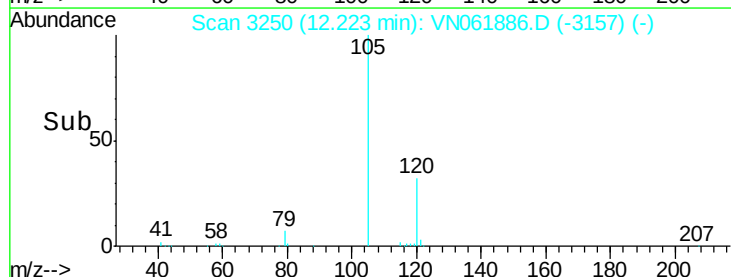
Ion Ratio Lower Upper

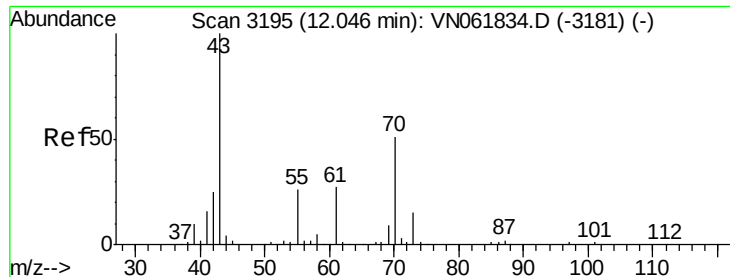
105 100

120 26.8 13.3 39.8



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





#74

N-amvl acetate

Concen: 39.956 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

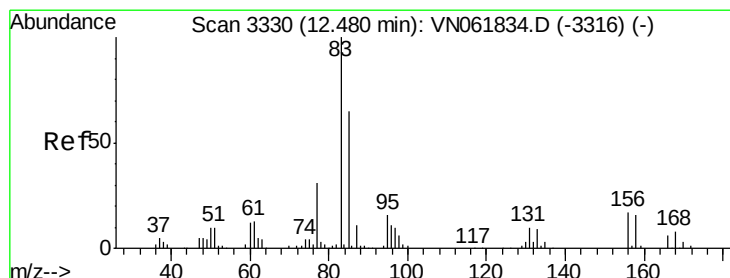
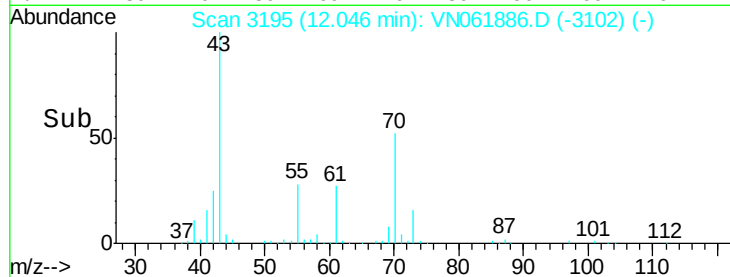
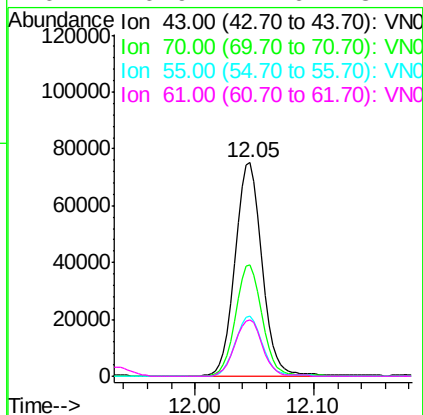
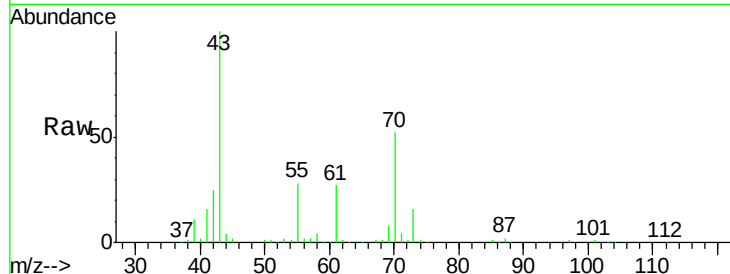
ClientSampleId :

RE117D1-20200611MS

Tot Ion	43	Resp	118734
Ion Ratio	Lower	Upper	
43	100		
70	51.5	40.6	60.8
55	28.5	21.5	32.3
61	26.9	21.6	32.4

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 49.310 ug/l

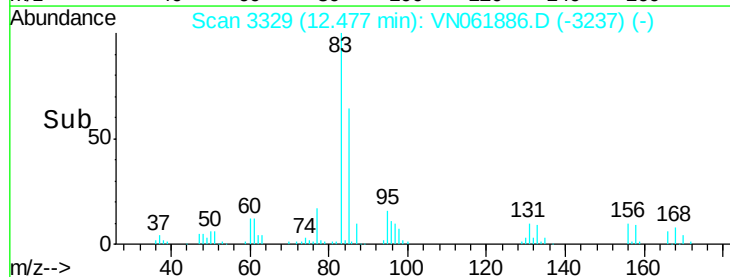
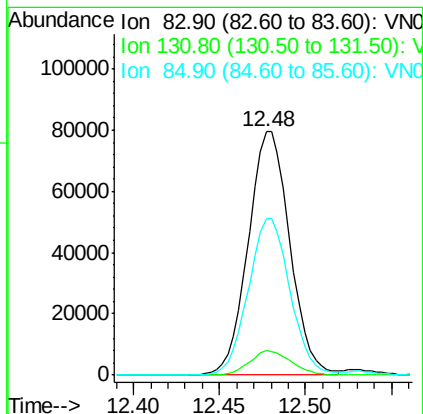
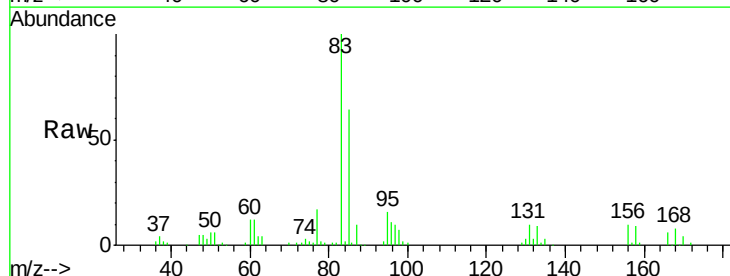
RT: 12.48 min Scan# 3329

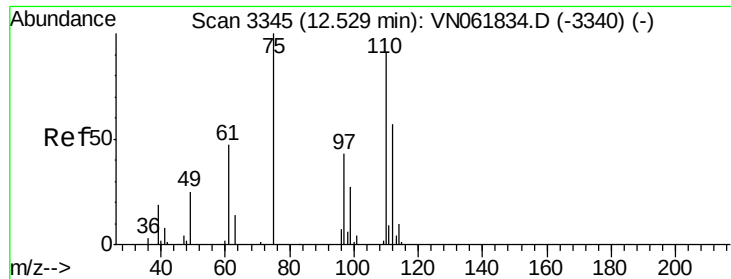
Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Tgt Ion	83	Resp	133747
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.4	32.4	97.2





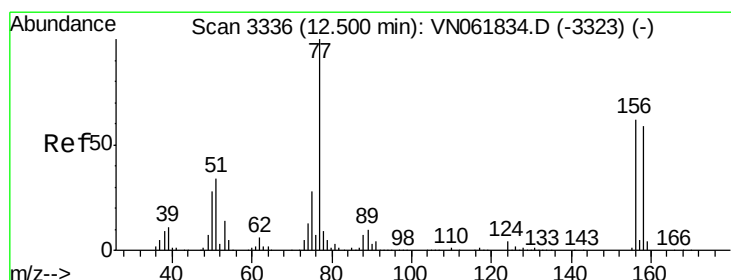
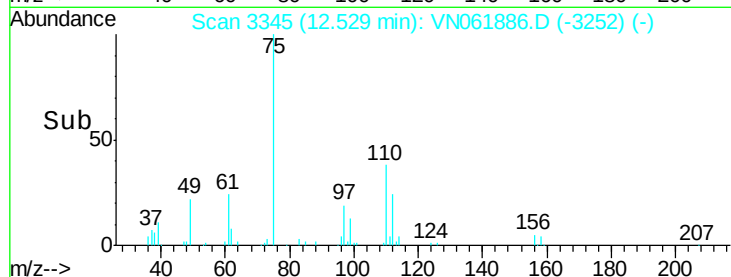
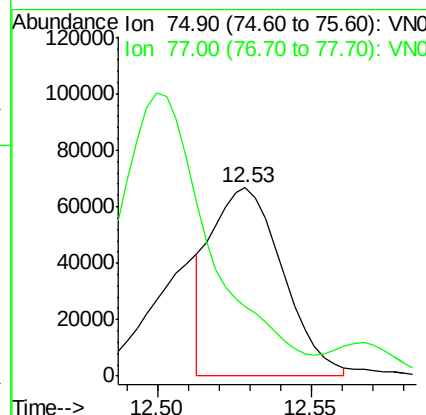
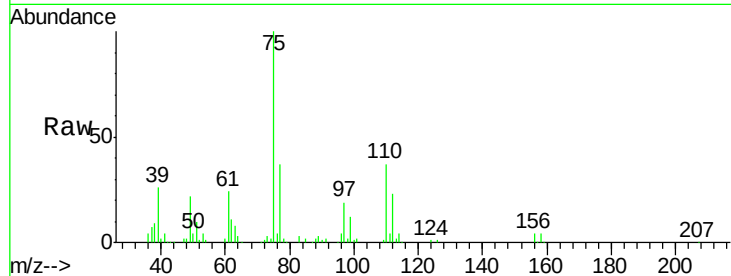
#76
 1,2,3-Trichloropropane
 Concen: 46.755 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

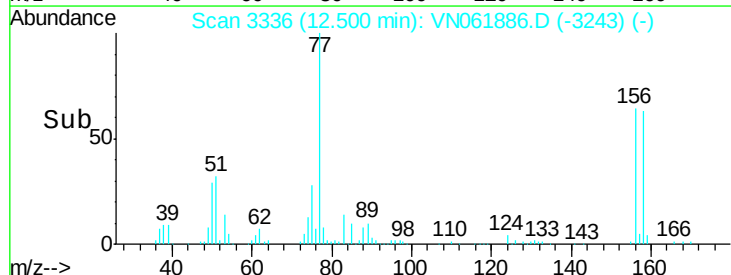
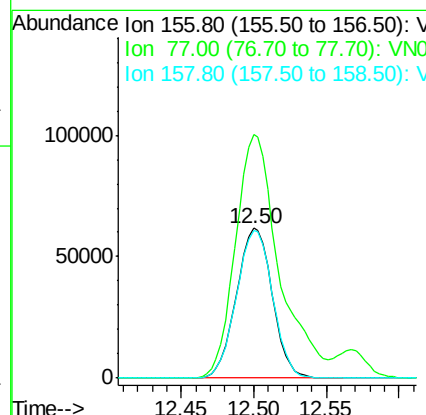
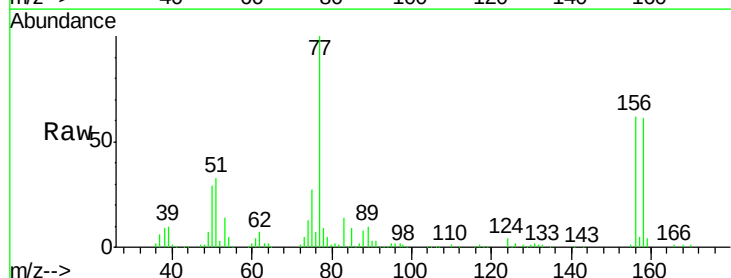
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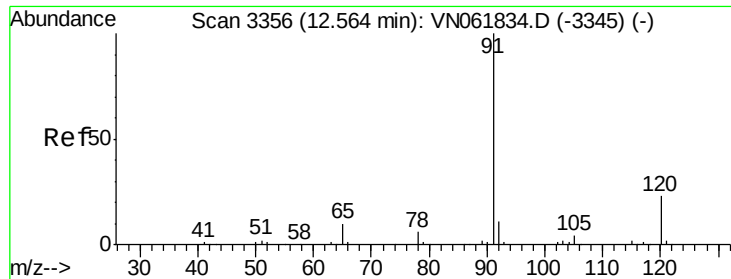
MMDadoda
 6/18/2020 9:37:05 AM



#77
 Bromobenzene
 Concen: 50.367 ug/l
 RT: 12.50 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
156	100		
77	197.5	100.7	302.1
158	99.5	48.5	145.5





#78

n-propylbenzene

Concen: 50.543 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion: 91 Resp: 481134

Ion Ratio Lower Upper

91 100

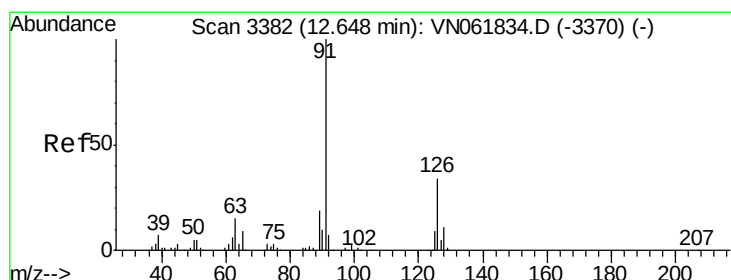
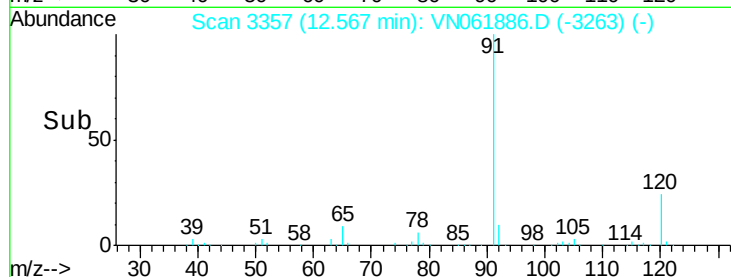
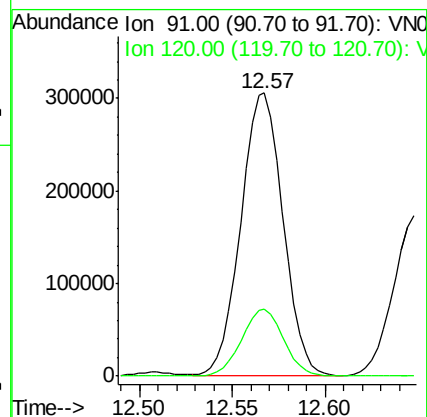
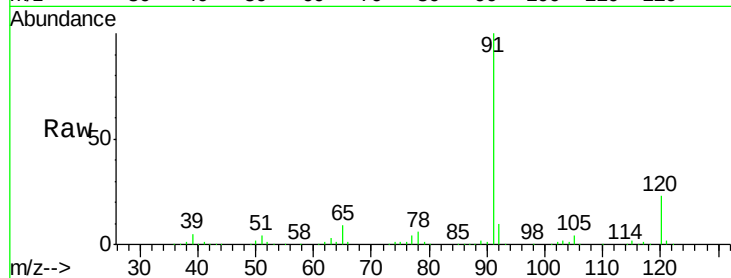
120 23.7 11.6 34.8

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#79

2-Chlorotoluene

Concen: 50.435 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061886.D

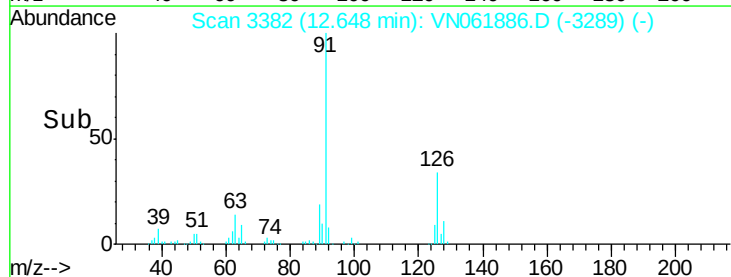
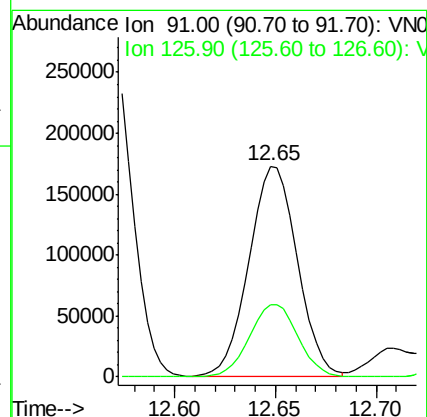
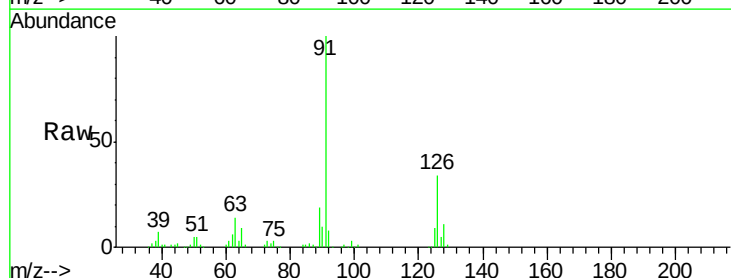
Acq: 18 Jun 2020 7:05

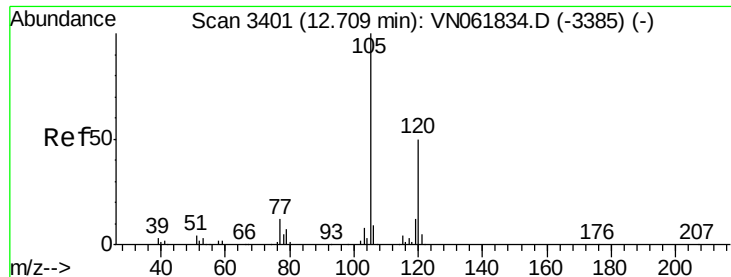
Tgt Ion: 91 Resp: 288349

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 51.377 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion:105 Resp: 354607

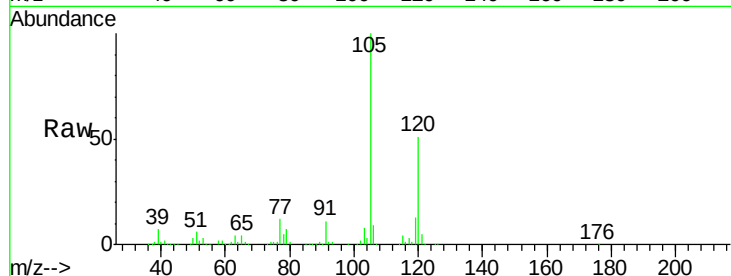
Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.7

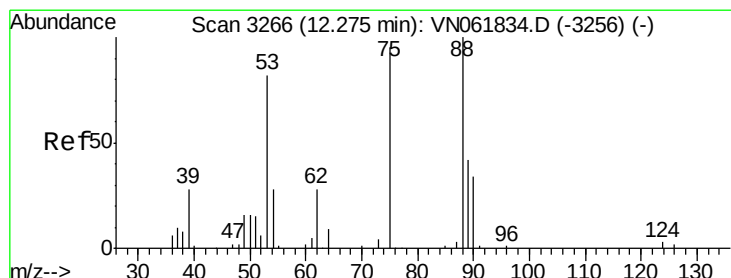
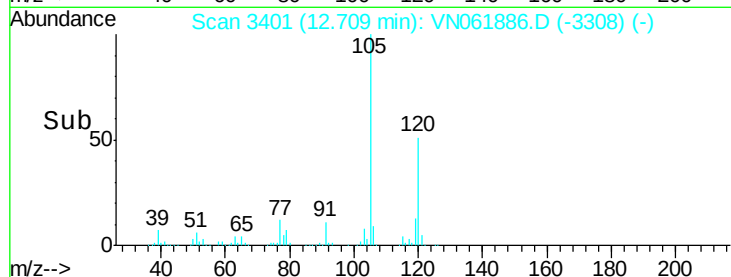
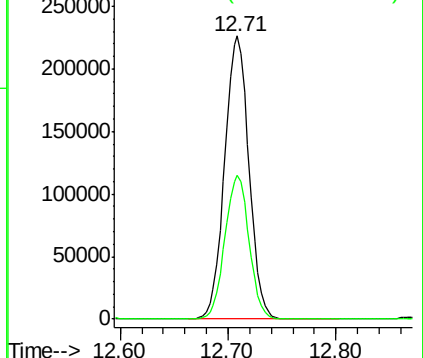
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 44.575 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

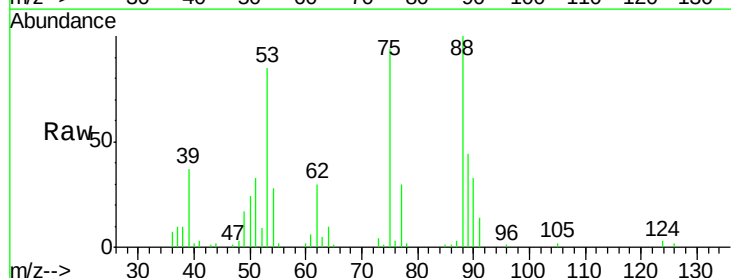
Tgt Ion: 75 Resp: 37669

Ion Ratio Lower Upper

75 100

53 89.5 70.4 105.6

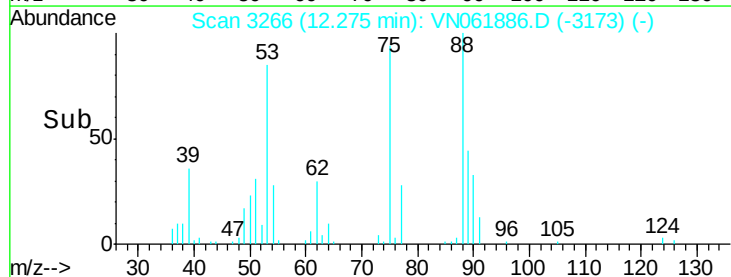
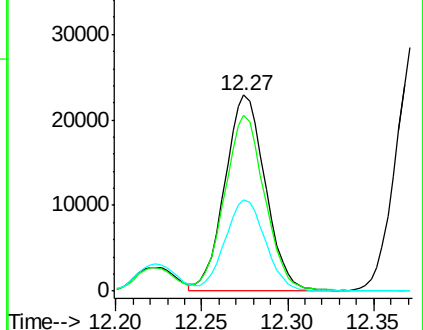
89 46.3 36.0 54.0

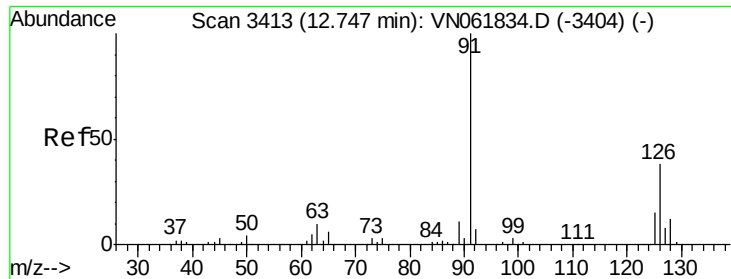


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 50.292 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion: 91 Resp: 297104

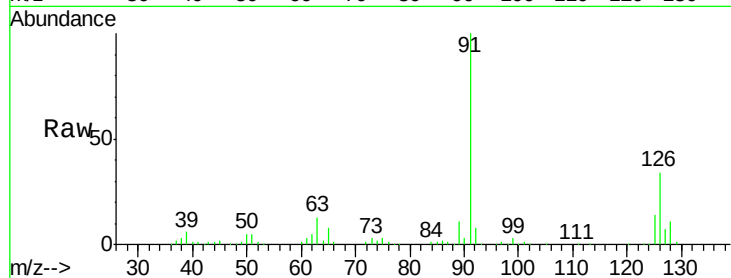
Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN061886.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061886.D (-3320) (-)

12.75

200000

150000

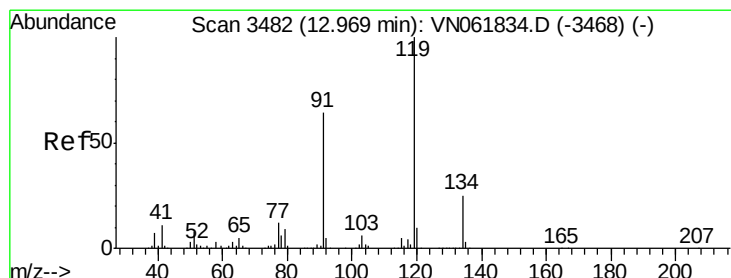
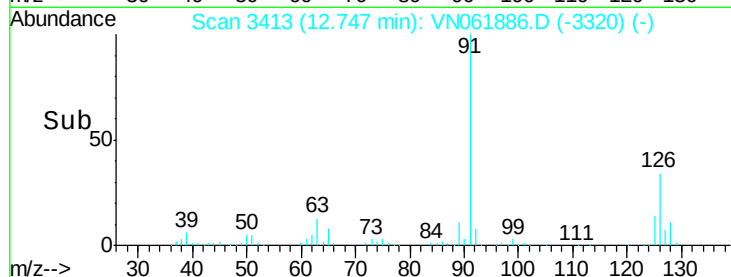
100000

50000

0

12.70 12.75 12.80 12.85

Time-->



#83

tert-Butylbenzene

Concen: 50.768 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

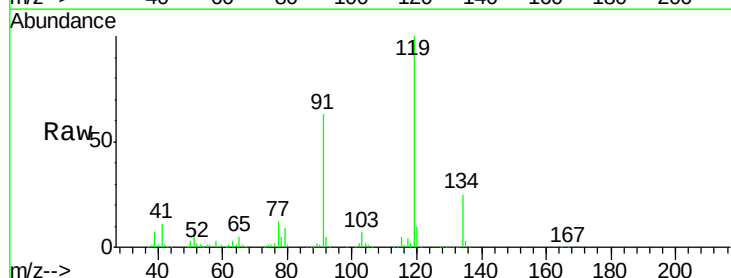
Tgt Ion: 119 Resp: 297059

Ion Ratio Lower Upper

119 100

91 62.1 31.5 94.5

134 25.2 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): VN061886.D (-3389) (-)

Ion 91.00 (90.70 to 91.70): VN061886.D (-3389) (-)

Ion 134.00 (133.70 to 134.70): VN061886.D (-3389) (-)

12.97

250000

200000

150000

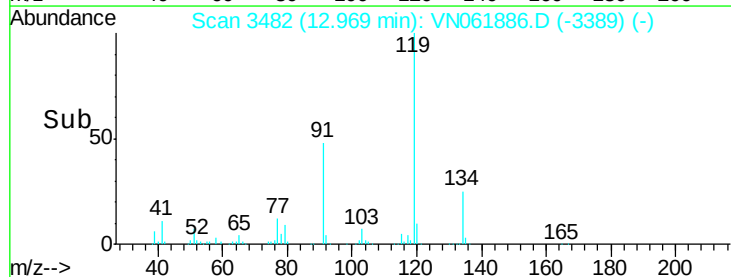
100000

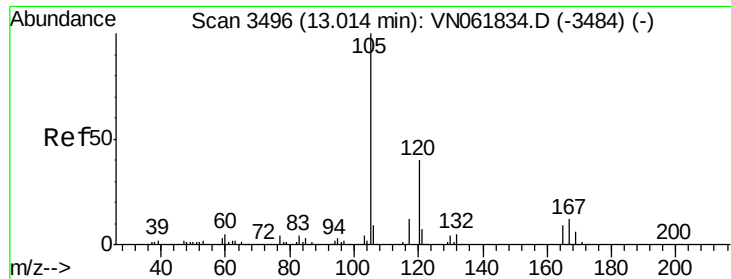
50000

0

12.90 12.95 13.00

Time-->





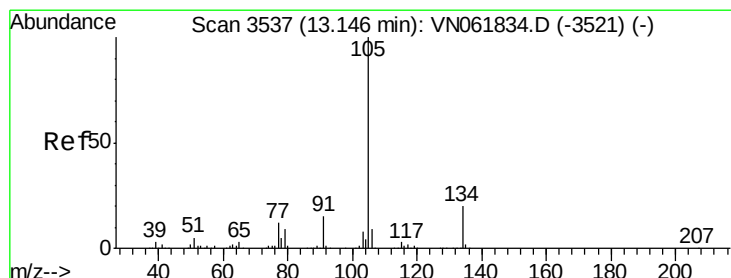
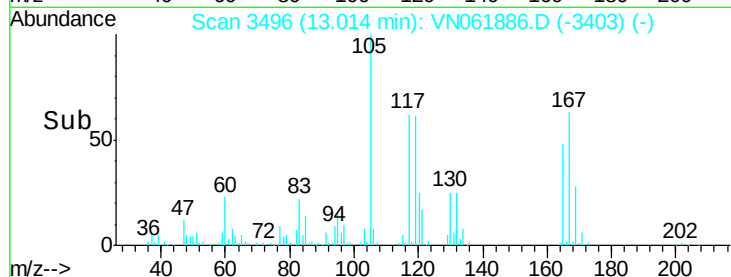
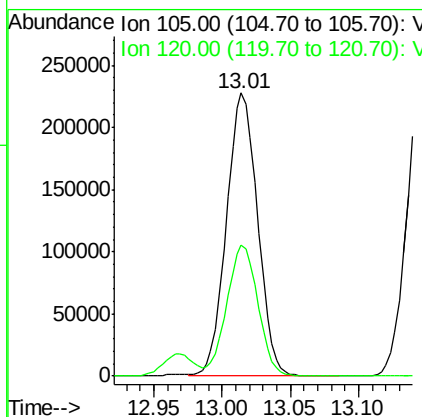
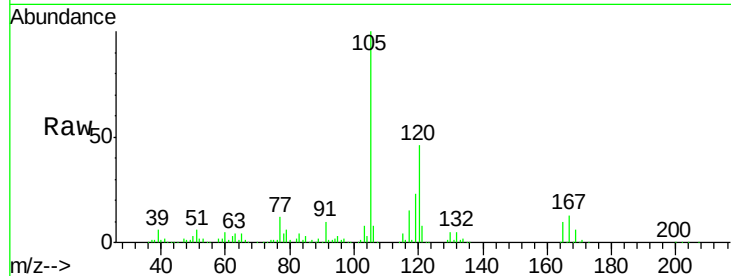
#84
1,2,4-Trimethylbenzene
Concen: 52.968 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.3	69.9

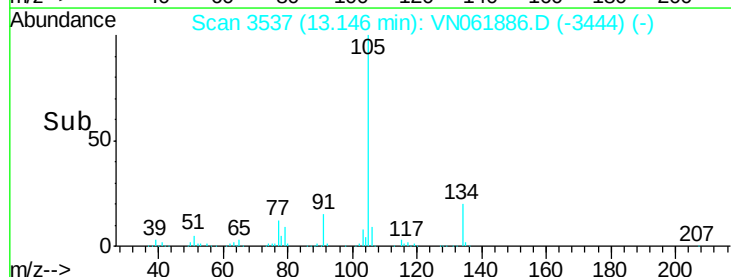
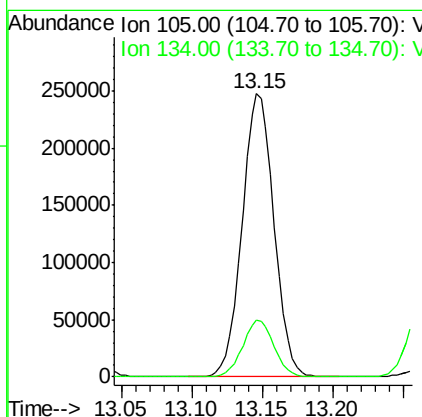
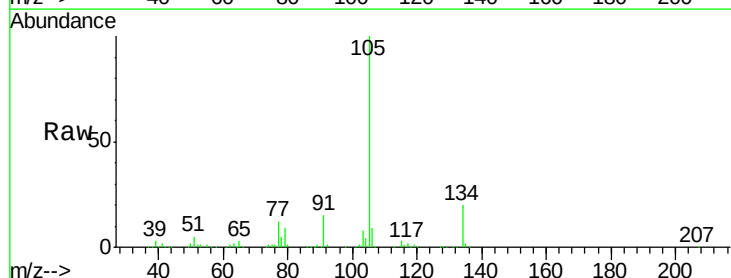
Manual Integrations
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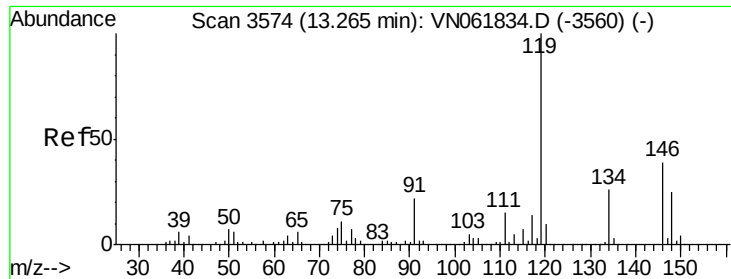
MMDadoda
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#85
sec-Butylbenzene
Concen: 50.841 ug/l
RT: 13.15 min Scan# 3537
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.1





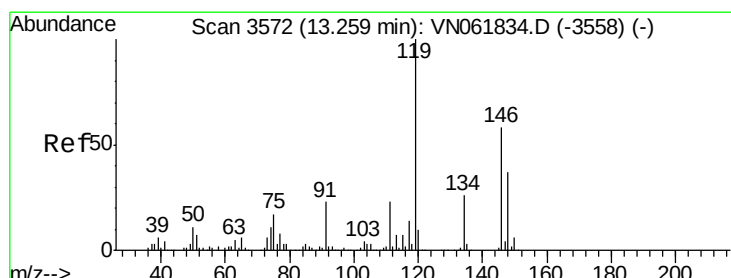
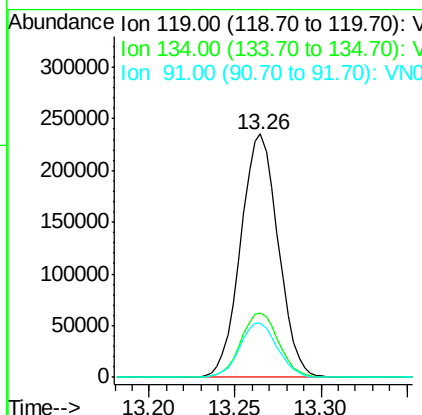
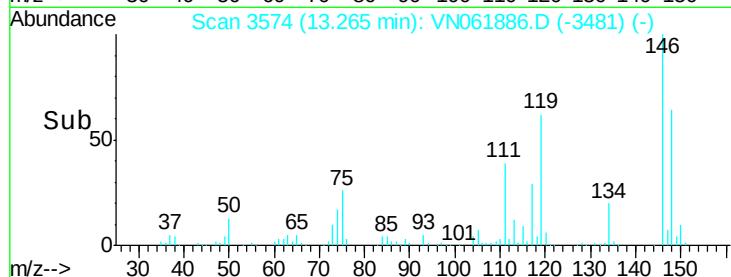
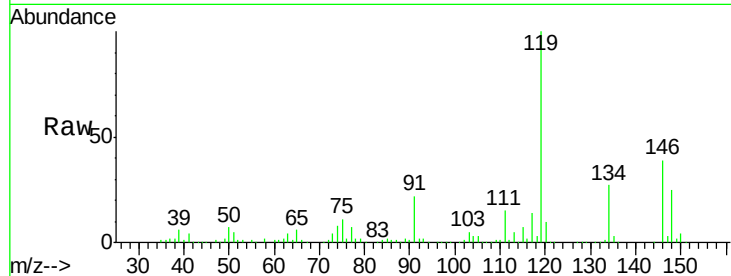
#86
 p-Isopropyltoluene
 Concen: 52.445 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.9
91	22.6	11.2	33.6

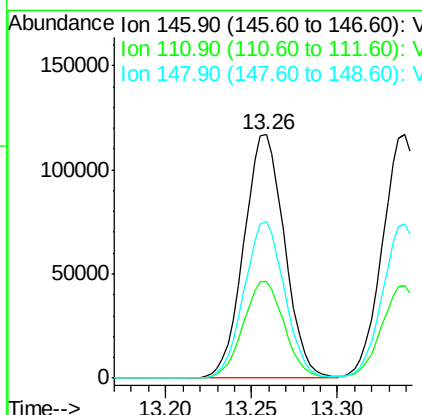
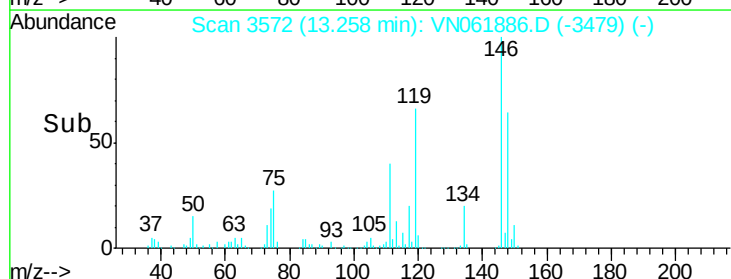
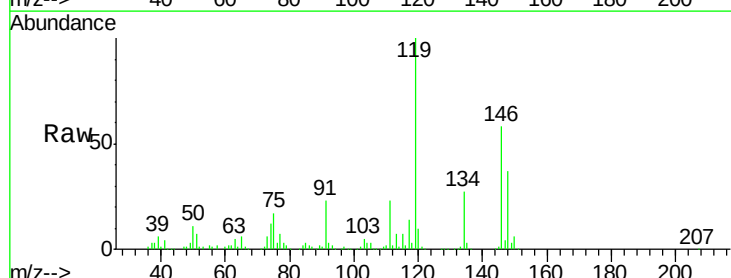
Manual Integrations
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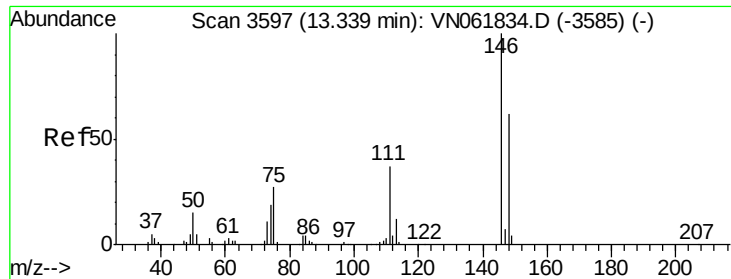
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 50.056 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.8
148	63.8	31.8	95.4





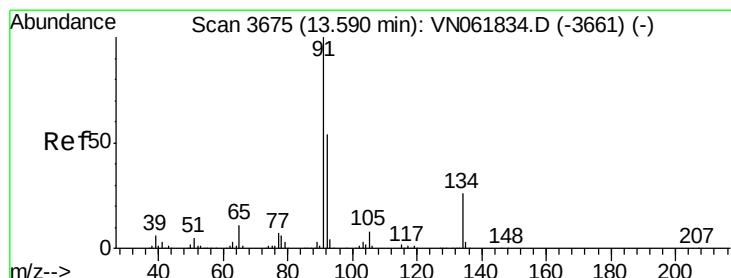
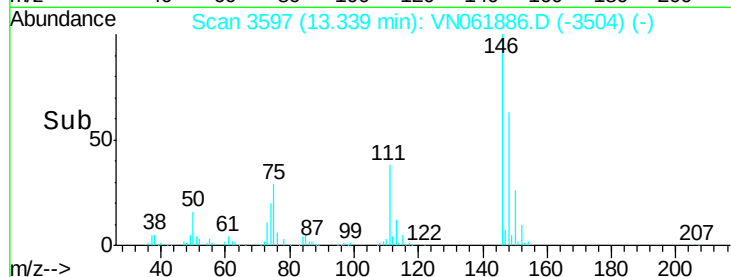
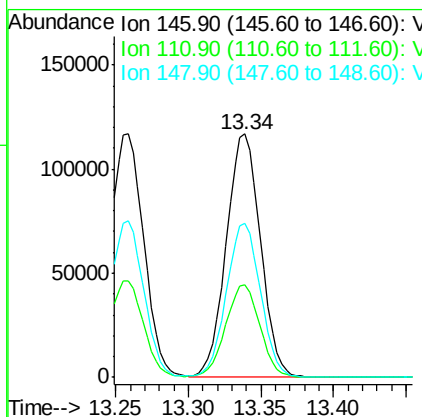
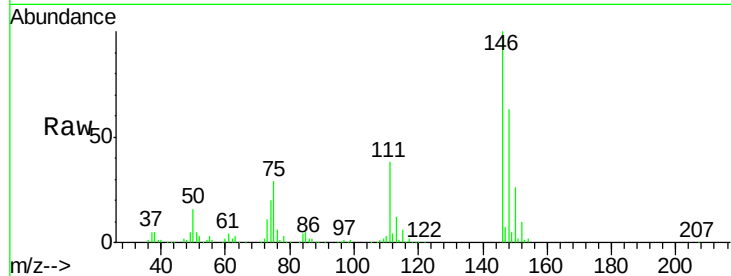
#88
 1,4-Dichlorobenzene
 Concen: 48.615 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion:	146	Resp:	191025
Ion Ratio		Lower	Upper
146	100		
111	38.1	19.3	57.8
148	63.5	31.6	94.7

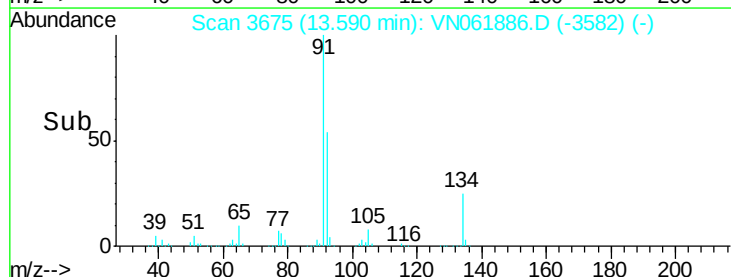
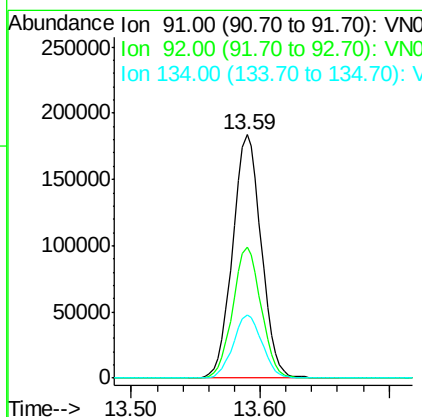
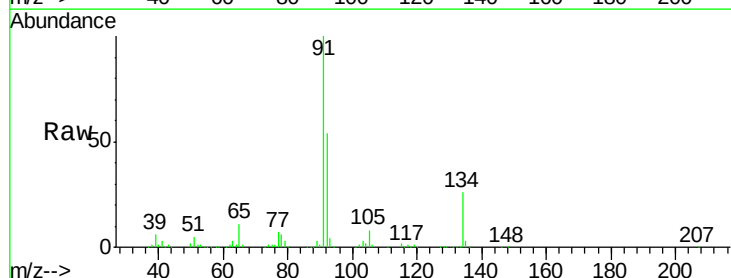
Manual Integrations
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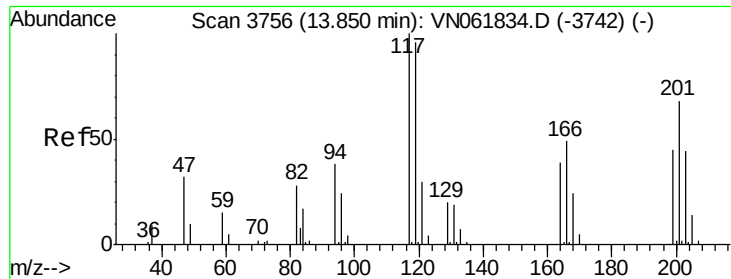
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#89
 n-Butylbenzene
 Concen: 49.686 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion:	91	Resp:	283182
Ion Ratio		Lower	Upper
91	100		
92	53.4	27.0	80.8
134	26.2	13.0	39.0





#90

Hexachloroethane

Concen: 51.707 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion:117 Resp: 64595

Ion Ratio Lower Upper

117 100

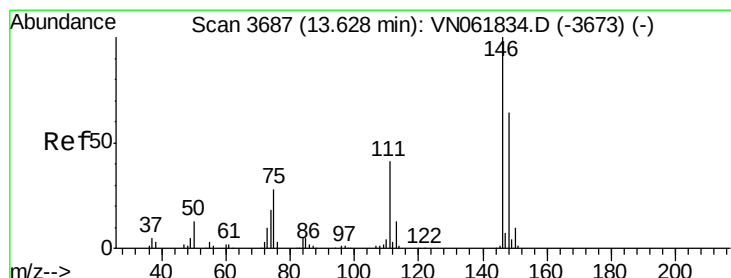
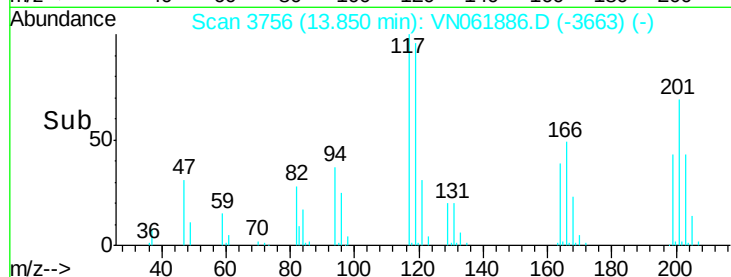
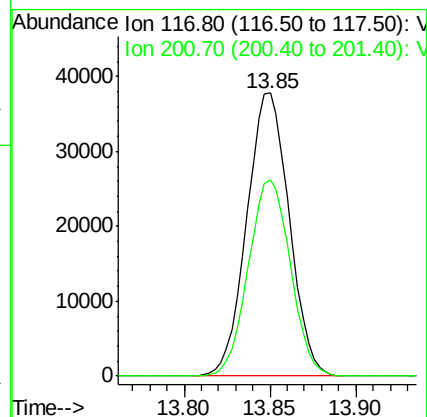
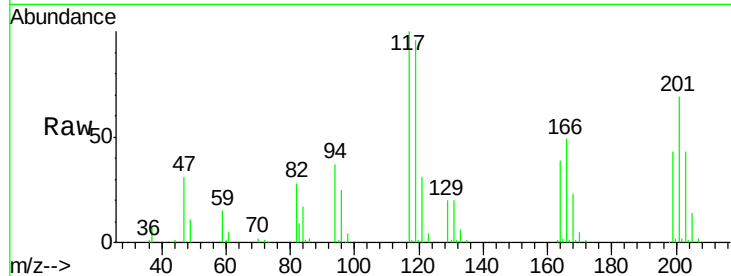
201 68.8 34.6 103.8

Manual Integrations

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#91

1,2-Dichlorobenzene

Concen: 51.343 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

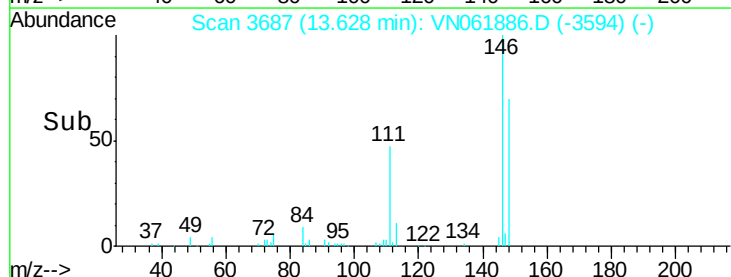
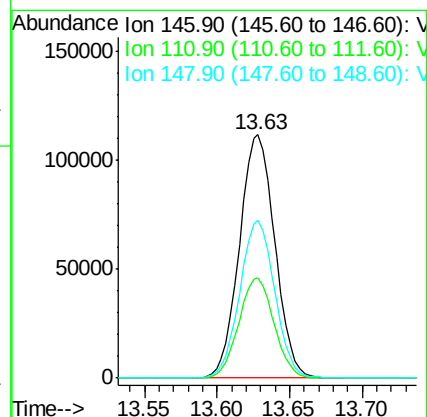
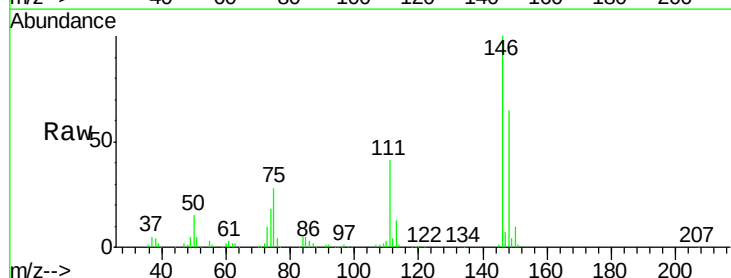
Tgt Ion:146 Resp: 189742

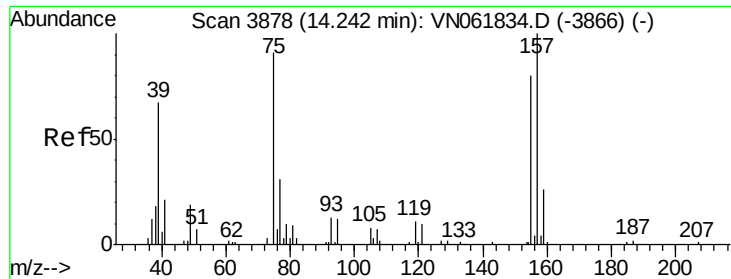
Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

148 64.1 31.8 95.4





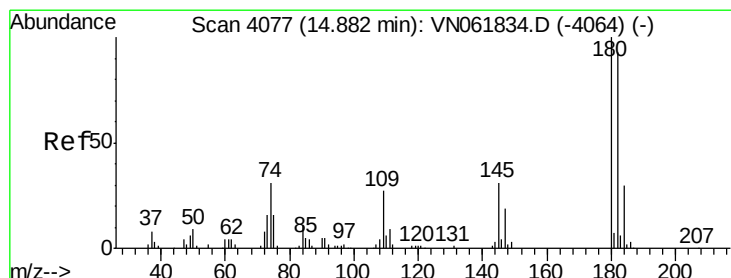
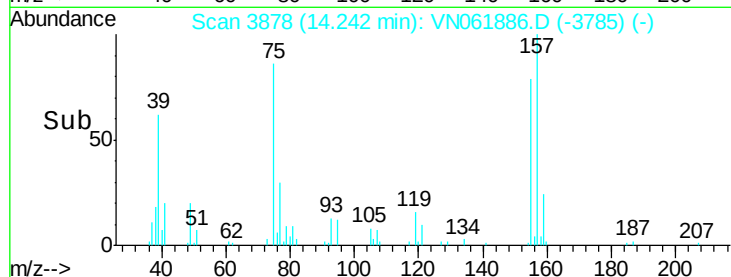
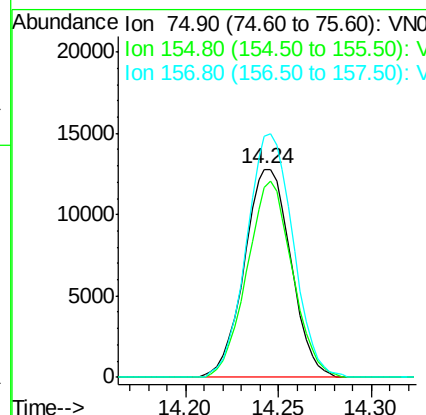
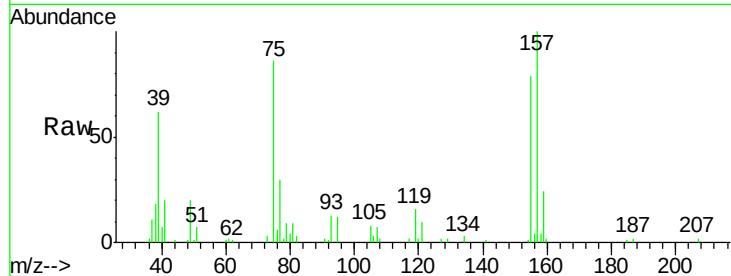
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.450 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	91.7	44.4	133.2
157	116.9	57.0	171.2

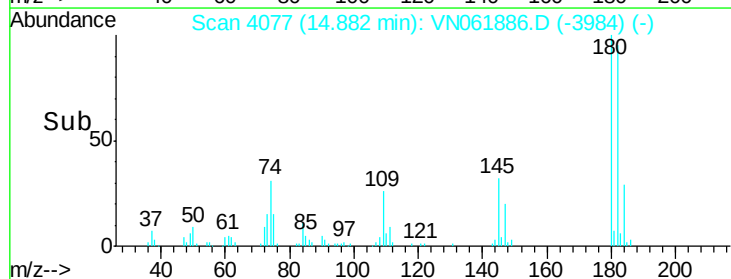
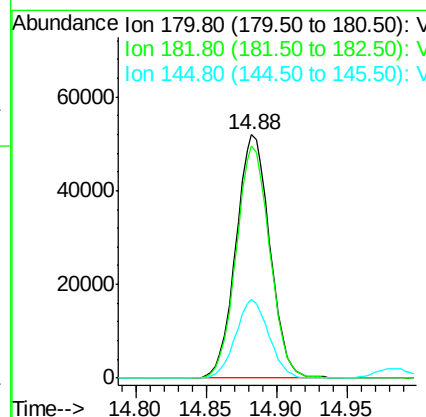
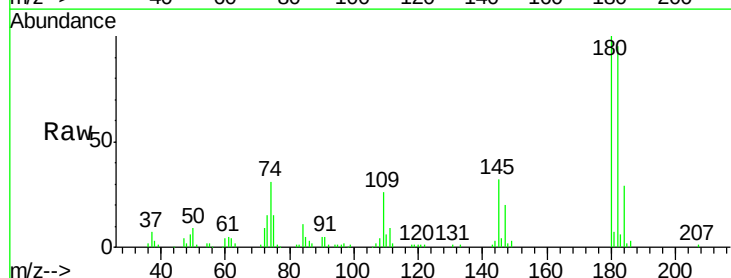
Manual Integrations
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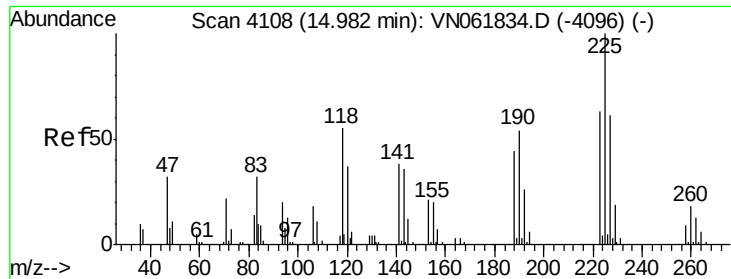
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.076 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.0	141.2
145	31.5	15.8	47.3





#94

Hexachlorobutadiene

Concen: 46.847 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

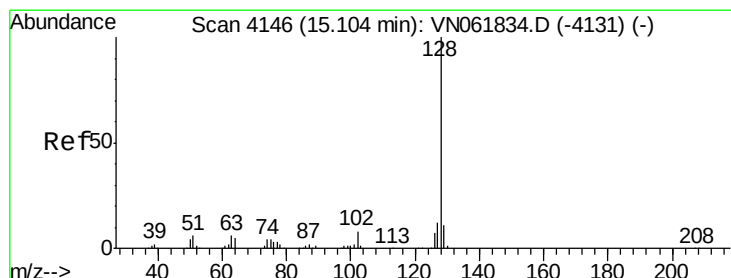
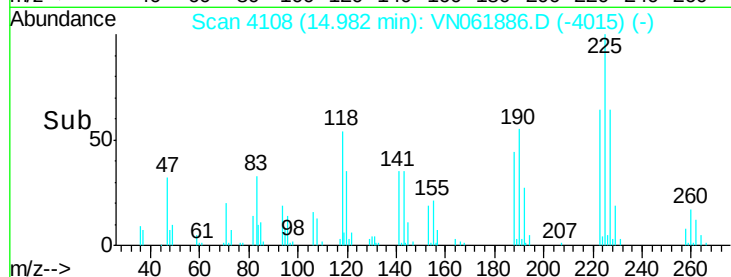
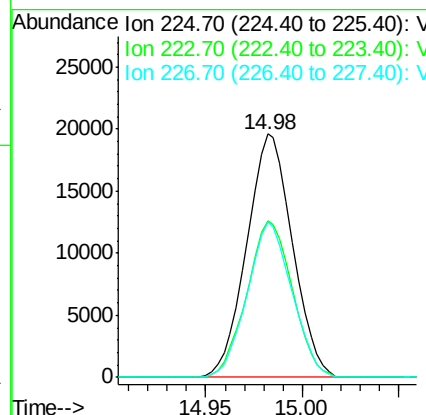
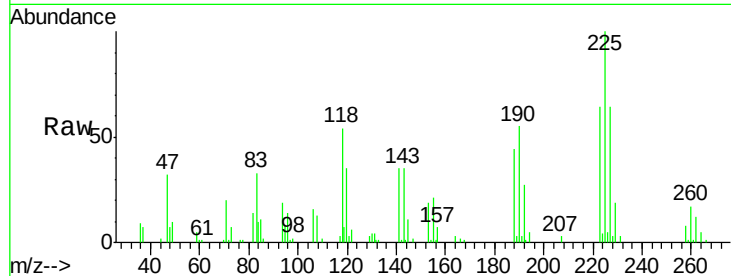
ClientSampleId :

RE117D1-20200611MS

Tot Ion:	225	Resp:	32176
Ion Ratio		Lower	Upper
225	100		
223	64.2	31.7	95.1
227	62.4	30.1	90.3

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:05 AM



#95

Naphthalene

Concen: 43.765 ug/l

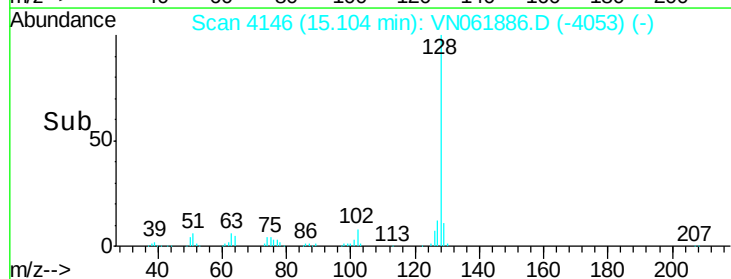
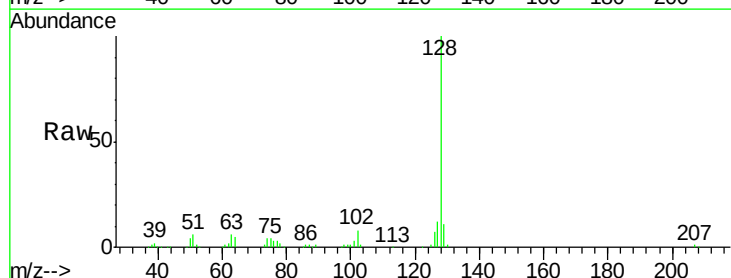
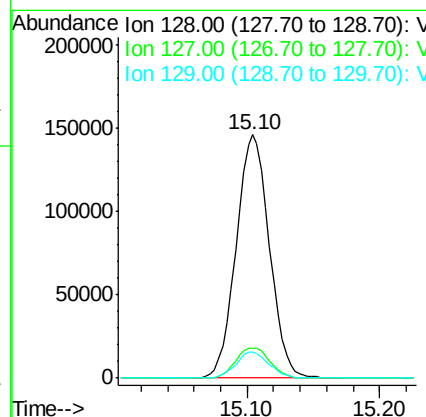
RT: 15.10 min Scan# 4146

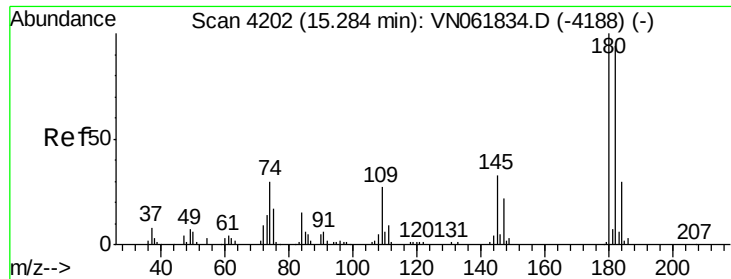
Delta R.T. 0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Tgt Ion:	128	Resp:	252854
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 50.484 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion:	180	Resp:	87189
Ion Ratio	Lower	Upper	
180	100		
182	92.7	47.9	143.6
145	33.6	16.5	49.5

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:05 AM

