

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062011.D
 Acq On : 22 Jun 2020 19:55
 Operator : JC/MD
 Sample : L3043-11MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:29 PM

Quant Time: Jun 23 06:19:22 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	146978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	266715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106369	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.55	113	89166	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.06	98	343478	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.38	95	115082	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	100336	52.451	ug/l	98
3) Chloromethane	2.03	50	114561	56.154	ug/l	98
4) Vinyl Chloride	2.16	62	138637	57.003	ug/l	100
5) Bromomethane	2.52	94	85262	45.652	ug/l	100
6) Chloroethane	2.66	64	94752	57.565	ug/l	98
7) Trichlorofluoromethane	2.98	101	166225	57.218	ug/l	98
8) Diethyl Ether	3.37	74	59936	61.369	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	80071	53.725	ug/l	98
10) Methyl Iodide	3.91	142	107394	58.673	ug/l	98
11) Tert butyl alcohol	4.73	59	81747	299.689	ug/l	98
12) 1,1-Dichloroethene	3.69	96	87957	58.899	ug/l	96
13) Acrolein	3.56	56	33981	208.435	ug/l	99
14) Allyl chloride	4.27	41	95571	48.219	ug/l	96
15) Acrylonitrile	4.93	53	216761	320.706	ug/l	99
16) Acetone	3.78	43	189169	324.891	ug/l	97
17) Carbon Disulfide	4.00	76	222547	50.931	ug/l	100
18) Methyl Acetate	4.28	43	53023	31.631	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	294328	59.194	ug/l	99
20) Methylene Chloride	4.50	84	104135	54.895	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	92544	53.952	ug/l	98
22) Diisopropyl ether	5.90	45	262272	57.859	ug/l	96
23) Vinyl Acetate	5.84	43	347981	97.605	ug/l	98
24) 1,1-Dichloroethane	5.80	63	174586	58.836	ug/l	99
25) 2-Butanone	6.79	43	264777	311.682	ug/l	99
26) 2,2-Dichloropropane	6.77	77	19789	7.927	ug/l #	63
27) cis-1,2-Dichloroethene	6.78	96	114940	58.074	ug/l	92
28) Bromochloromethane	7.15	49	76967	58.255	ug/l	97
29) Tetrahydrofuran	7.17	42	177461	317.422	ug/l	97
30) Chloroform	7.33	83	181504	57.233	ug/l	100
31) Cyclohexane	7.61	56	134863	51.917	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	152457	56.449	ug/l	99
36) 1,1-Dichloropropene	7.75	75	126466	49.187	ug/l	99
37) Ethyl Acetate	6.88	43	58311	29.042	ug/l	99
38) Carbon Tetrachloride	7.73	117	132684	52.112	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	125931	45.486	ug/l	99
40) Benzene	8.00	78	409313	52.553	ug/l	98
41) Methacrylonitrile	7.13	41	48891m	56.945	ug/l	
42) 1,2-Dichloroethane	8.08	62	139129	52.390	ug/l	100
43) Isopropyl Acetate	8.13	43	122161	36.104	ug/l #	89
44) Trichloroethene	8.80	130	425592	207.632	ug/l	99
45) 1,2-Dichloropropane	9.08	63	102203	53.397	ug/l	98
46) Dibromomethane	9.17	93	70208	52.089	ug/l	99
47) Bromodichloromethane	9.37	83	144193	52.245	ug/l	99
48) Methyl methacrylate	9.17	41	88031	57.210	ug/l	94
49) 1,4-Dioxane	9.17	88	39062	1105.704	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	573717	286.931	ug/l	100
52) Toluene	10.12	92	259020	52.954	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	115387	39.383	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	120294	37.801	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	107990	56.112	ug/l	99
56) Ethyl methacrylate	10.40	69	143625	48.924	ug/l	100
57) 1,3-Dichloropropane	10.68	76	177059	54.306	ug/l	99
59) 2-Hexanone	10.72	43	418405	261.286	ug/l	100
60) Dibromochloromethane	10.87	129	114160	53.160	ug/l	99
61) 1,2-Dibromoethane	10.98	107	105808	52.652	ug/l	99
64) Tetrachloroethene	10.60	164	79756	46.917	ug/l	96
65) Chlorobenzene	11.41	112	276149	49.068	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	101820	51.875	ug/l	99
67) Ethyl Benzene	11.48	91	485825	51.486	ug/l	100
68) m/p-Xylenes	11.59	106	372524	102.384	ug/l	100
69) o-Xylene	11.92	106	183174	52.762	ug/l	100
70) Styrene	11.94	104	304420	52.369	ug/l	100
71) Bromoform	12.10	173	77120	53.886	ug/l #	99
73) Isopropylbenzene	12.22	105	464890	51.445	ug/l	100
74) N-amyl acetate	12.05	43	73369	24.110	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	153946	52.398	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	123905m	49.630	ug/l	
77) Bromobenzene	12.50	156	114818	50.363	ug/l	99
78) n-propylbenzene	12.56	91	513773	49.827	ug/l	100
79) 2-Chlorotoluene	12.65	91	318815	51.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	387699	51.858	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	24759	27.048	ug/l	98
82) 4-Chlorotoluene	12.75	91	324816	50.760	ug/l	98
83) tert-Butylbenzene	12.97	119	330541	52.152	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	390042	52.852	ug/l	99
85) sec-Butylbenzene	13.15	105	416483	50.204	ug/l	98
86) p-Isopropyltoluene	13.26	119	367959	49.776	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	203425	48.923	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	200308	47.062	ug/l	99
89) n-Butylbenzene	13.59	91	265320	42.977	ug/l	99
90) Hexachloroethane	13.85	117	72812	53.809	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	206680	51.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26699	55.977	ug/l	97
93) 1,2,4-Trichlorobenzene	14.88	180	83873	44.403	ug/l	100

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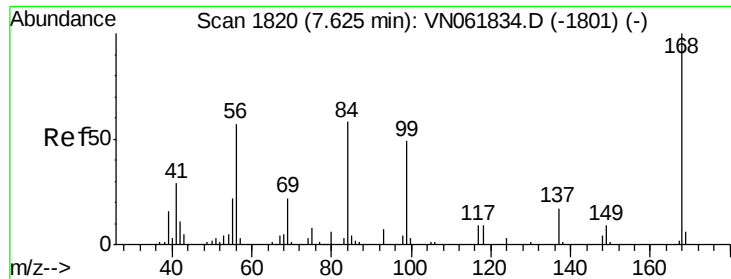
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	30821	41.428	ug/l	99
95) Naphthalene	15.10	128	267000	42.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89067	47.611	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion:168 Resp: 146978

Ion Ratio Lower Upper

168 100

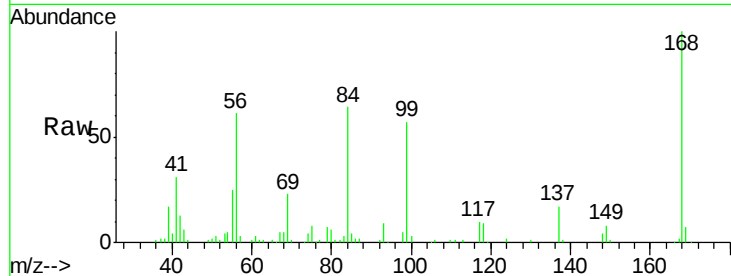
99 57.2 44.6 67.0

Manual Integrations

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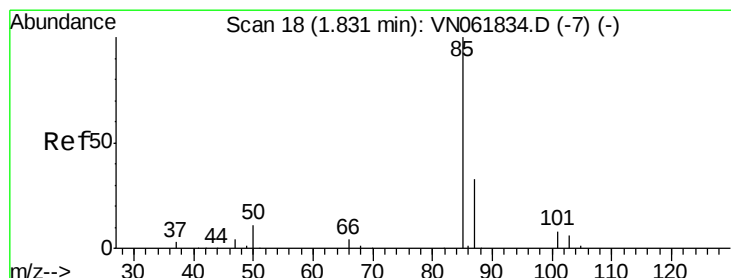
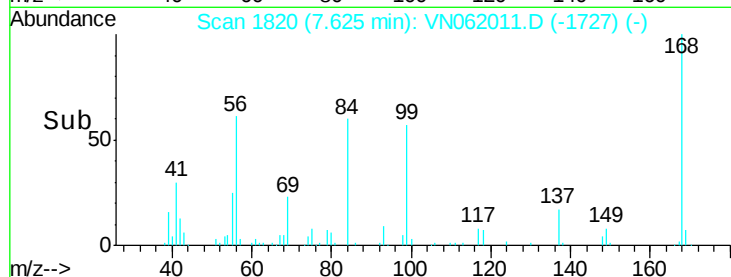
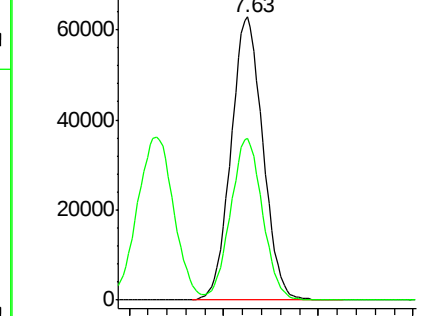
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 52.451 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062011.D

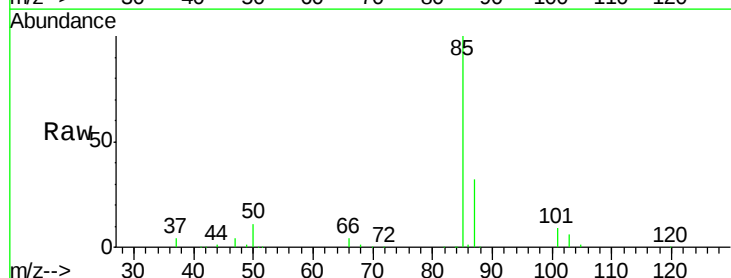
Acq: 22 Jun 2020 19:55

Tgt Ion: 85 Resp: 100336

Ion Ratio Lower Upper

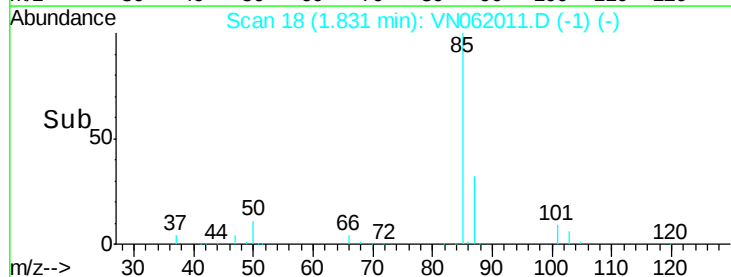
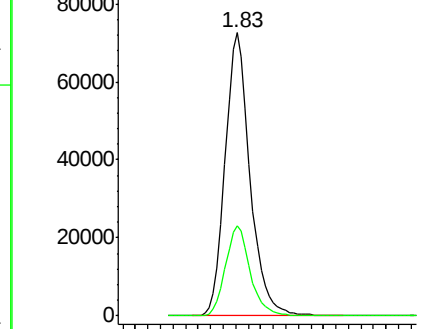
85 100

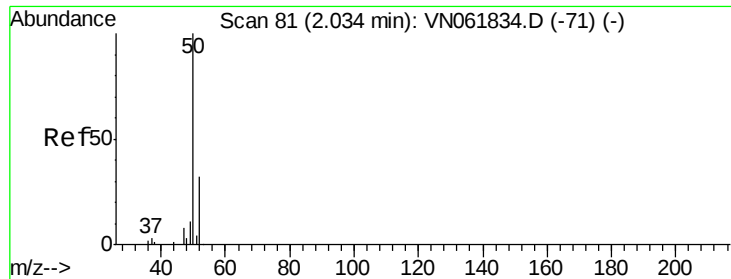
87 32.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 56.154 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 50 Resp: 114561

Ion Ratio Lower Upper

50 100

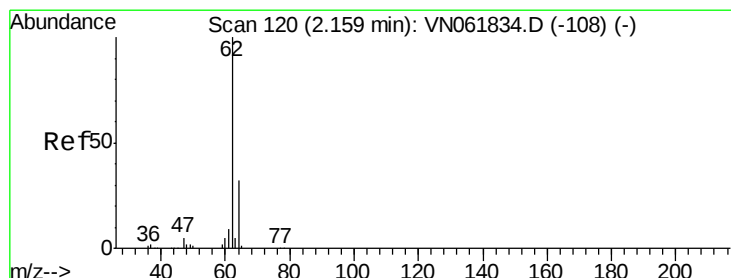
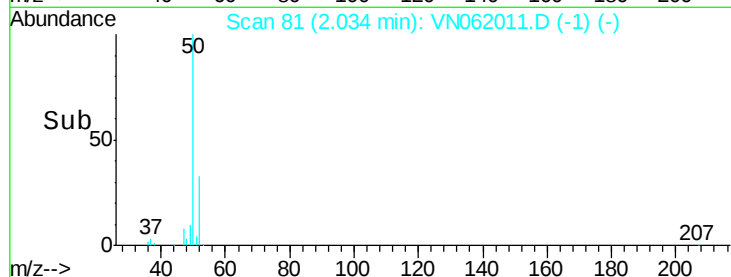
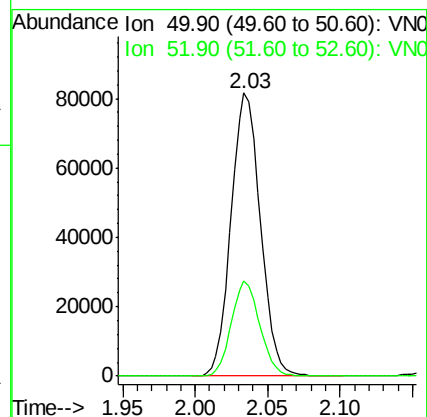
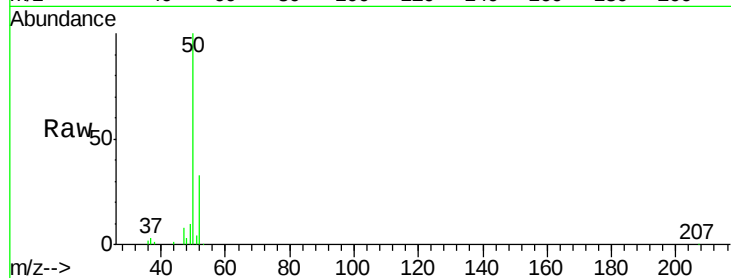
52 33.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 57.003 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062011.D

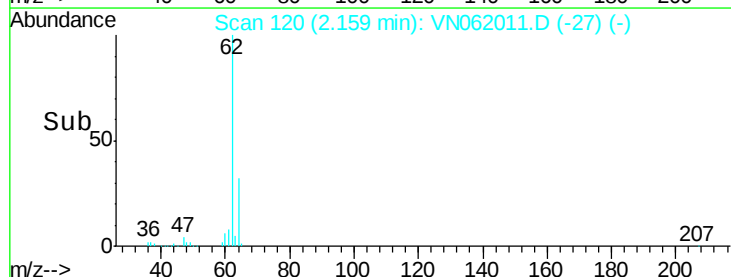
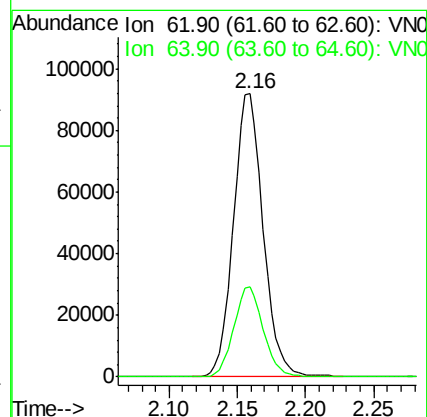
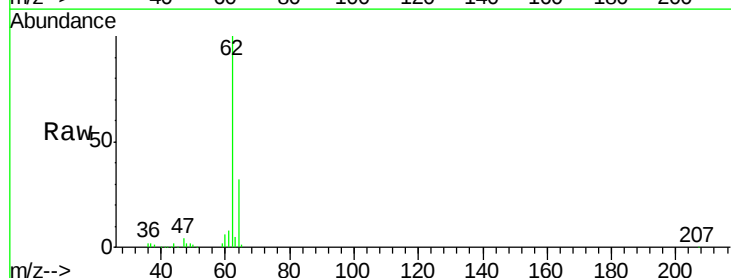
Acq: 22 Jun 2020 19:55

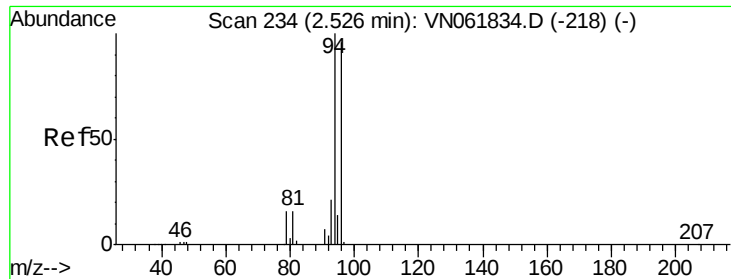
Tgt Ion: 62 Resp: 138637

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 45.652 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

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Tot Ion: 94 Resp: 85262

Ion Ratio Lower Upper

94 100

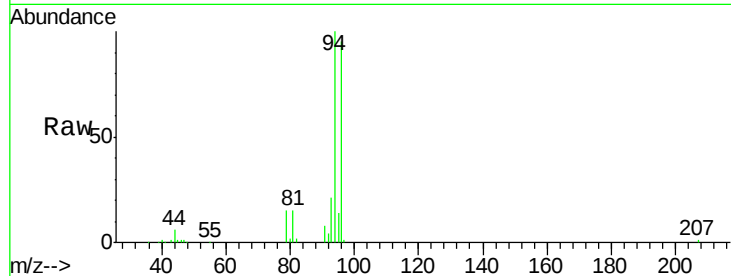
96 95.4 76.7 115.1

Manual Integrations

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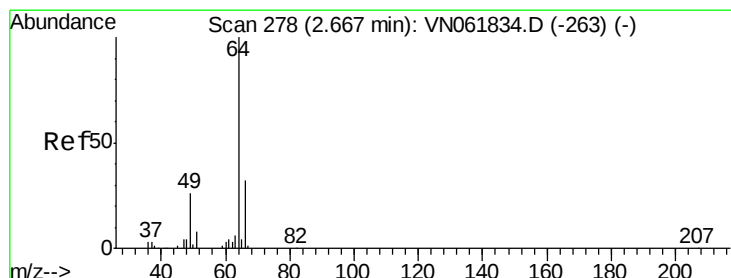
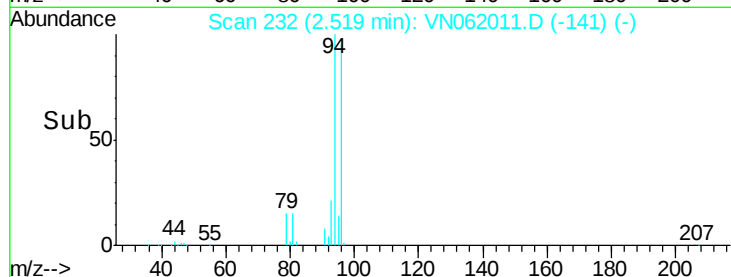
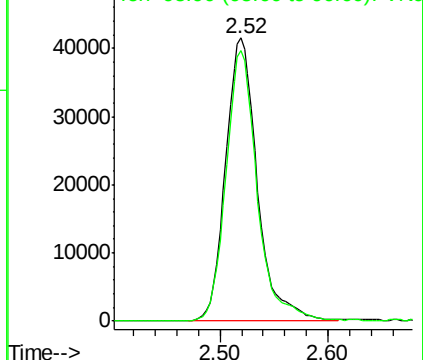
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 57.565 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062011.D

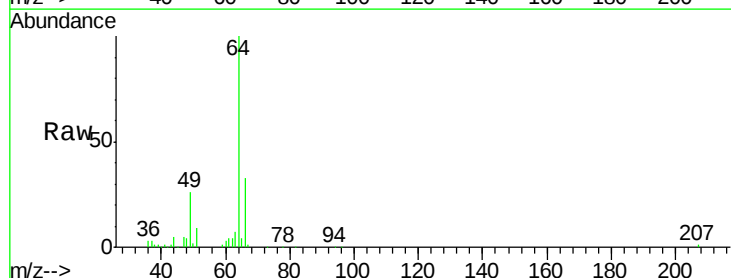
Acq: 22 Jun 2020 19:55

Tgt Ion: 64 Resp: 94752

Ion Ratio Lower Upper

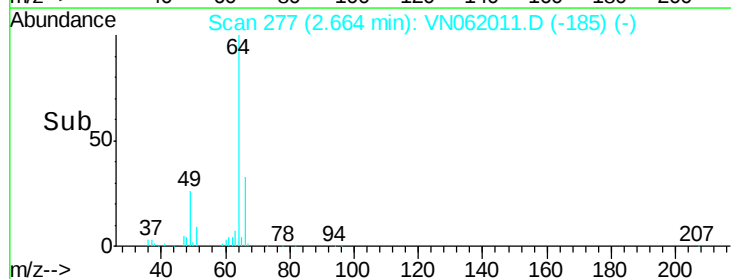
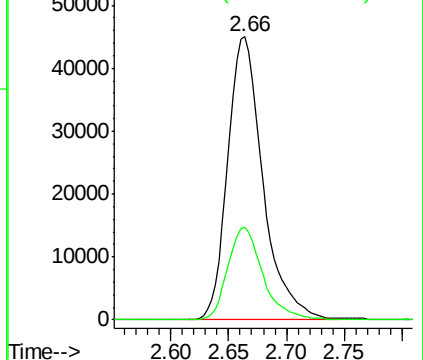
64 100

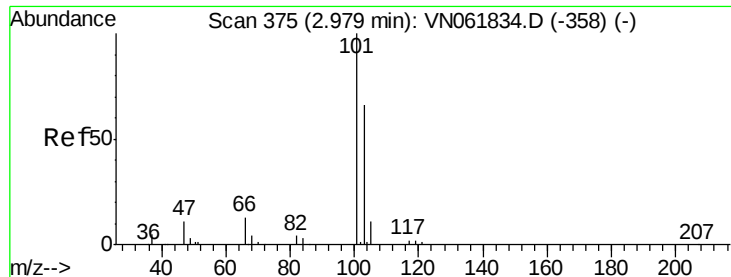
66 32.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

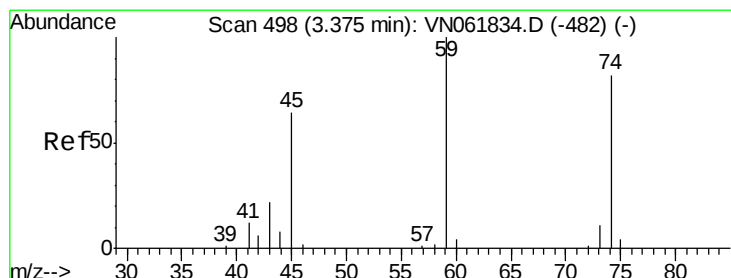
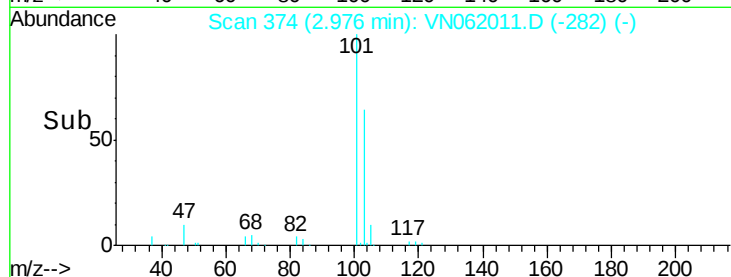
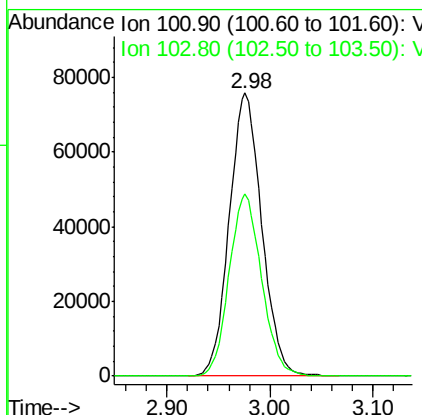
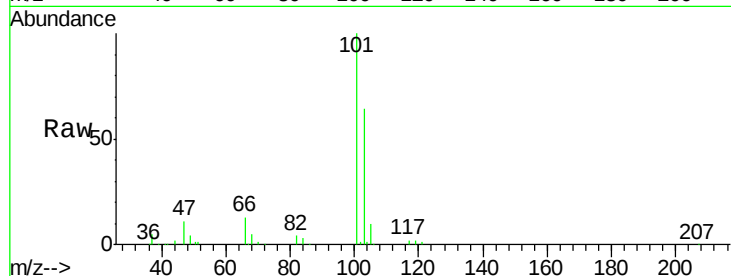
Trichlorofluoromethane
Concen: 57.218 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.8	79.2

Manual Integrations
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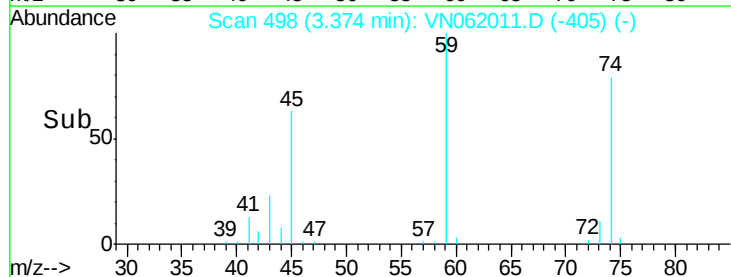
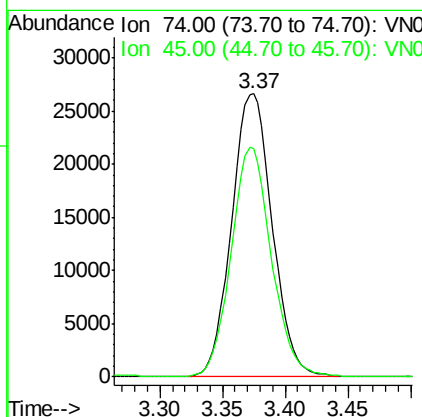
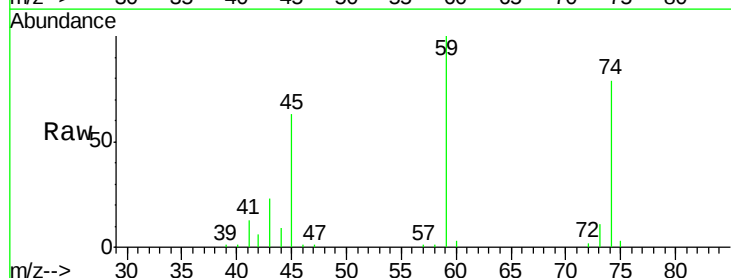
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6/23/2020 12:47:29 PM

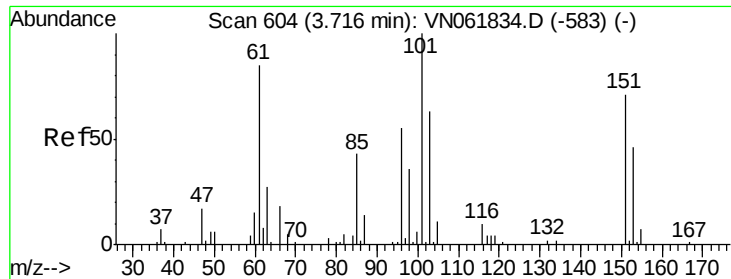


#8

Diethyl Ether
Concen: 61.369 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.5	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.725 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

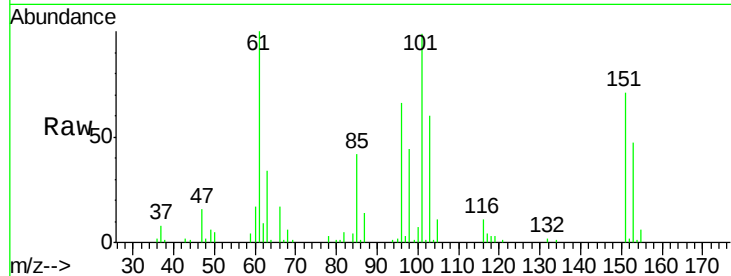
ClientSampleId :

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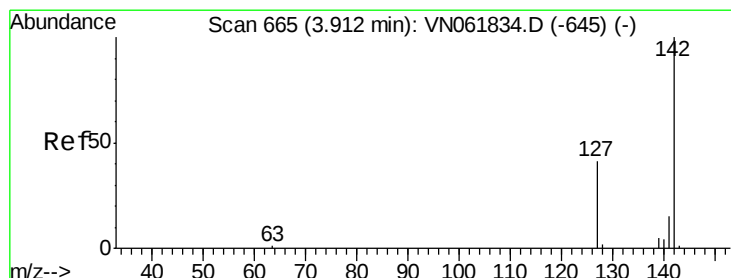
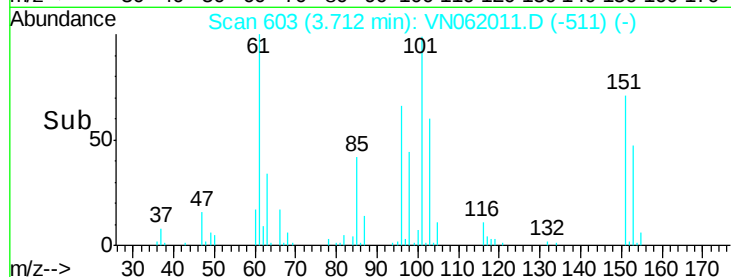
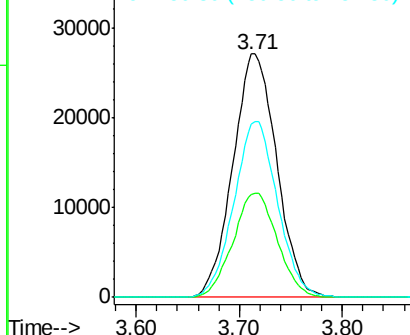
Tot Ion:	101	Resp:	80071
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.0	52.6
151	71.8	59.2	88.8

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



#10

Methyl Iodide

Concen: 58.673 ug/l

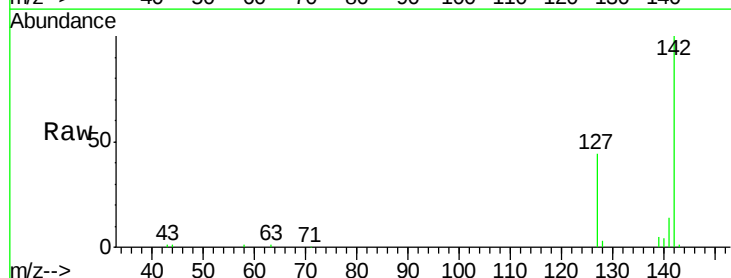
RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

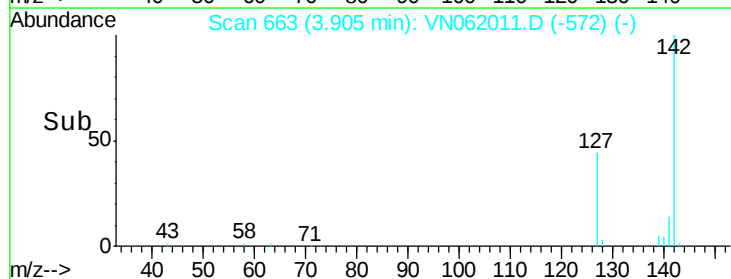
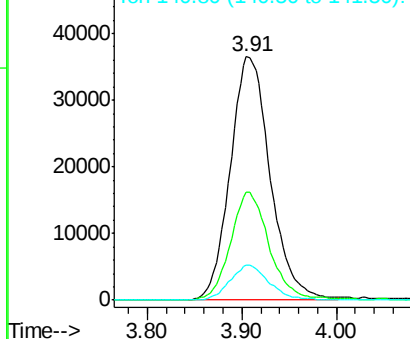
Lab File: VN062011.D

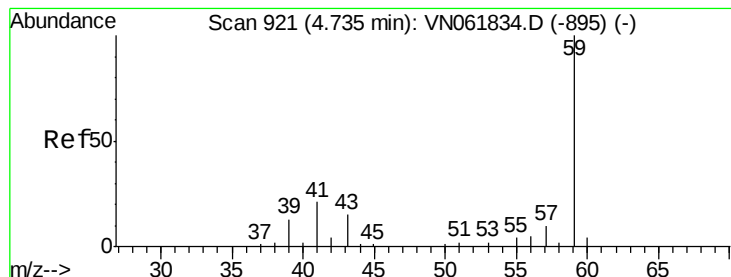
Acq: 22 Jun 2020 19:55

Tgt Ion:	142	Resp:	107394
Ion Ratio	Lower	Upper	
142	100		
127	43.1	33.4	50.0
141	13.8	11.3	16.9



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





#11

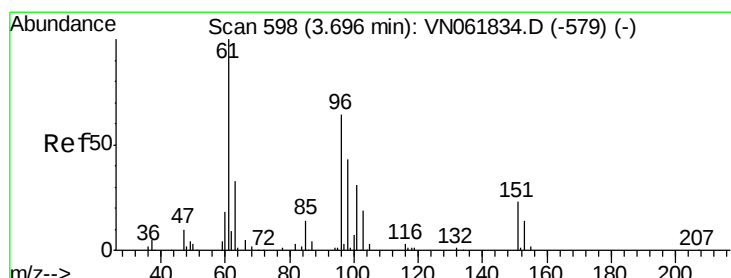
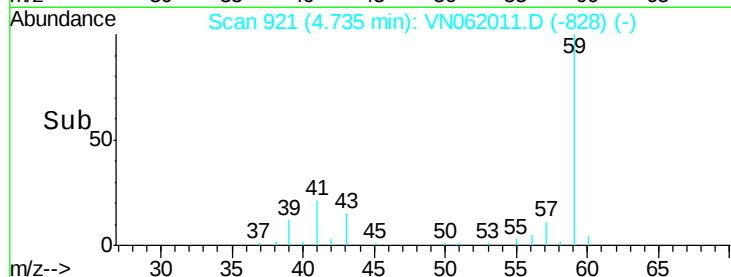
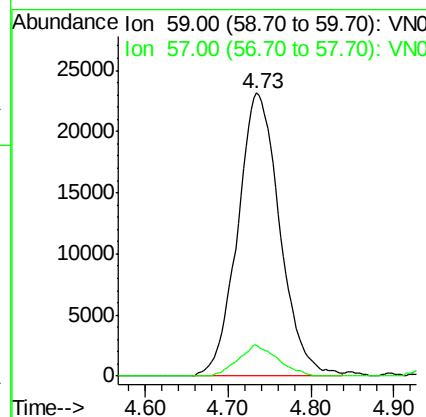
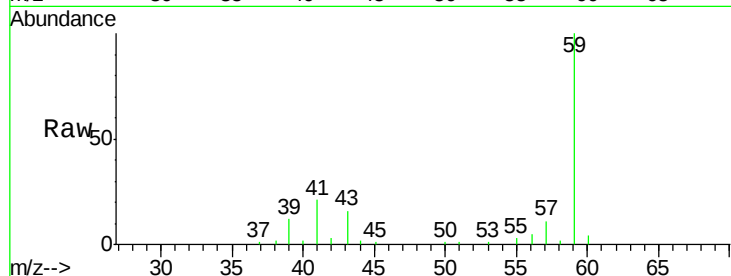
Tert butyl alcohol
 Concen: 299.689 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.7	11.5

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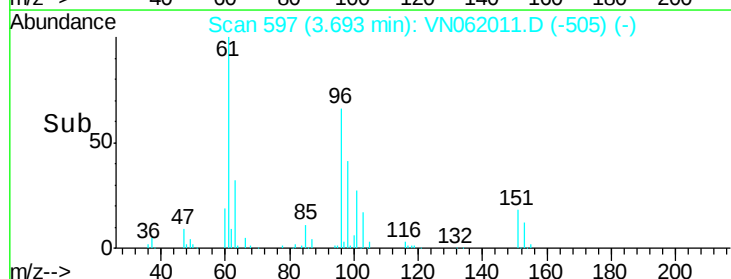
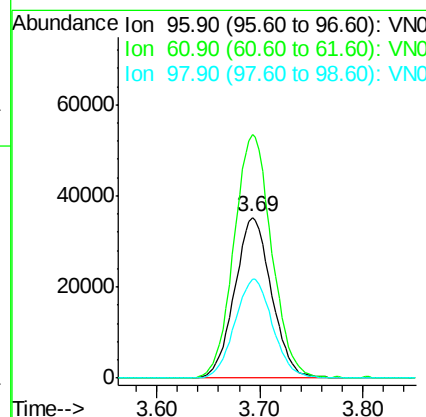
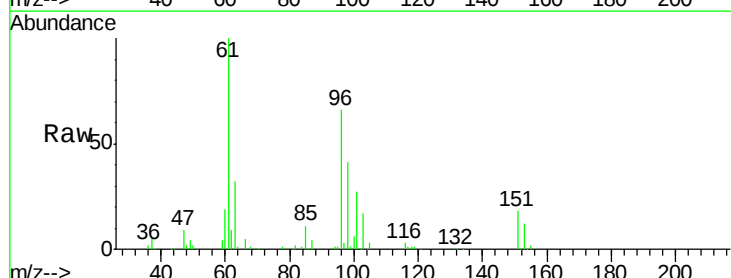
MMDadoda
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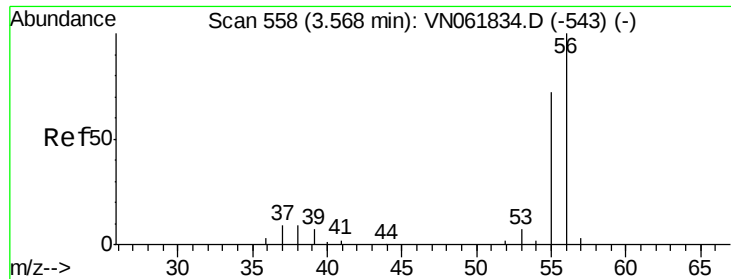


#12

1,1-Dichloroethene
 Concen: 58.899 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	124.3	186.5
98	61.9	53.1	79.7





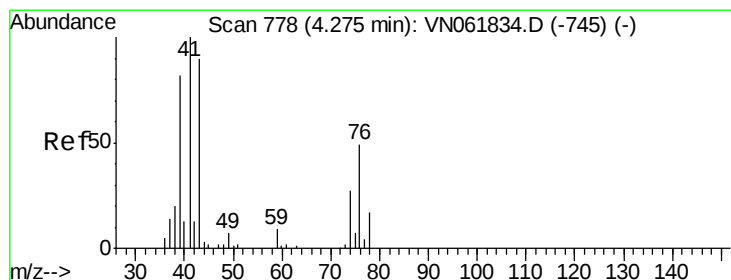
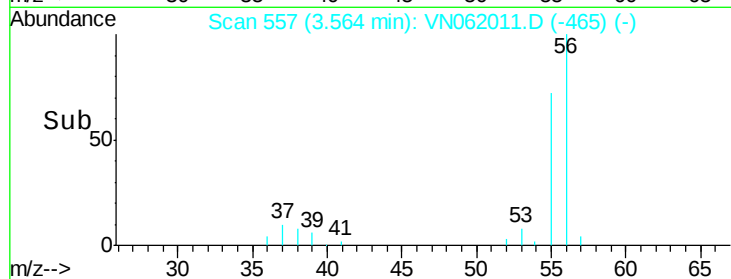
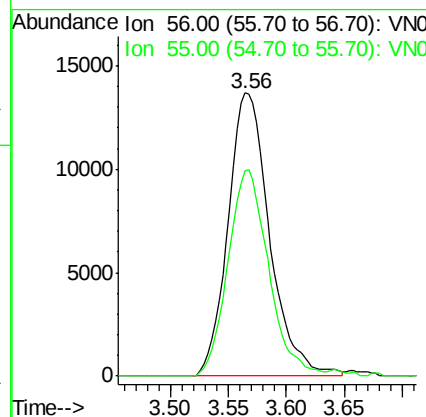
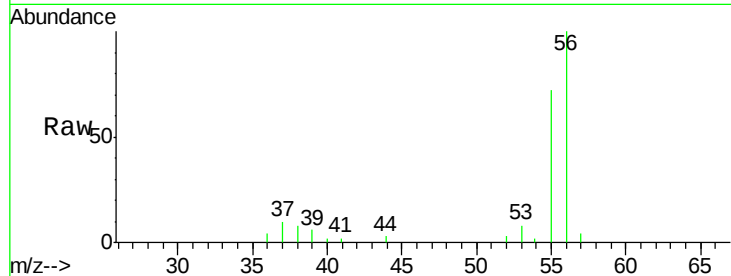
#13
Acrolein
Concen: 208.435 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	56	Resp	33981
Ion Ratio	Lower	Upper	
56	100		
55	71.0	56.2	84.4

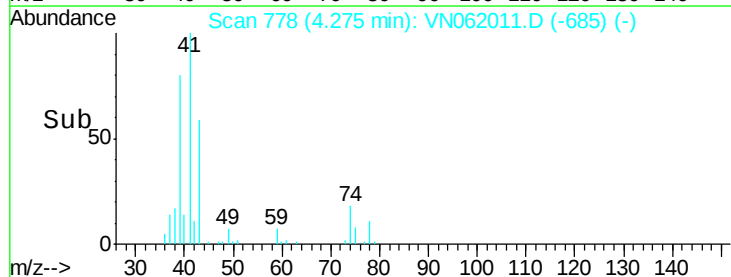
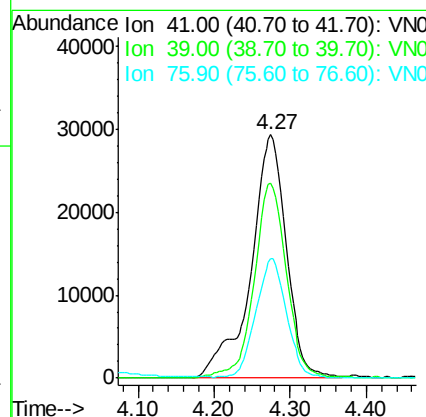
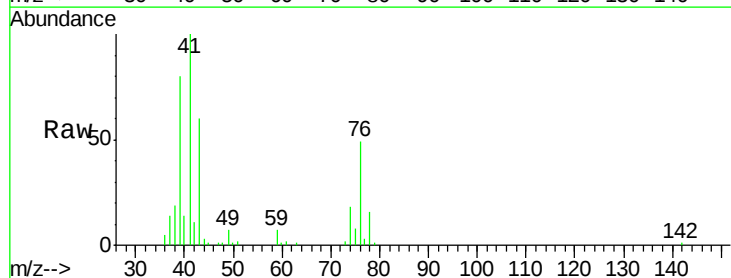
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#14
Allyl chloride
Concen: 48.219 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	41	Resp	95571
Ion Ratio	Lower	Upper	
41	100		
39	72.6	60.2	90.2
76	42.4	36.3	54.5





#15

Acrylonitrile

Concen: 320.706 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

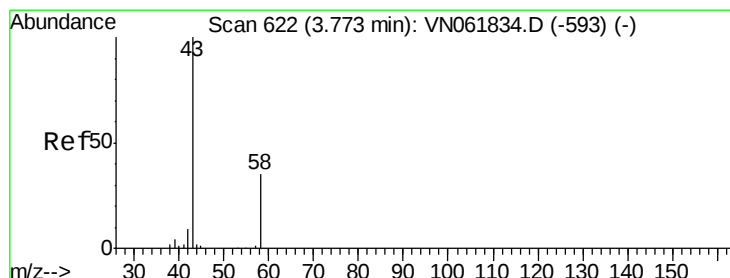
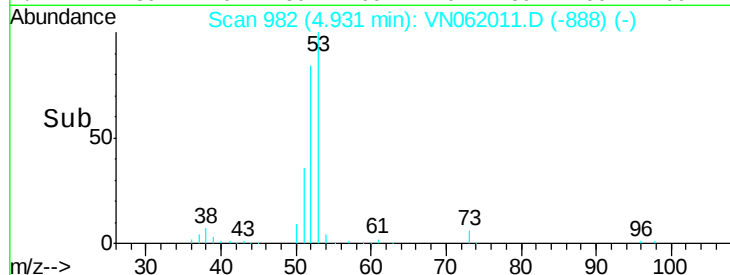
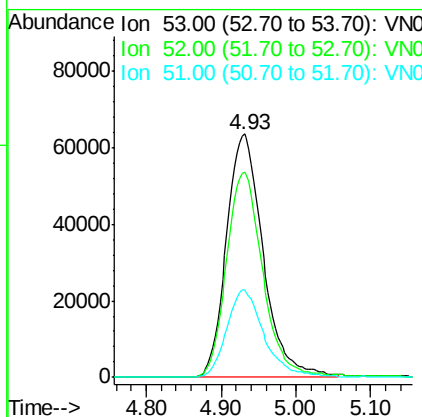
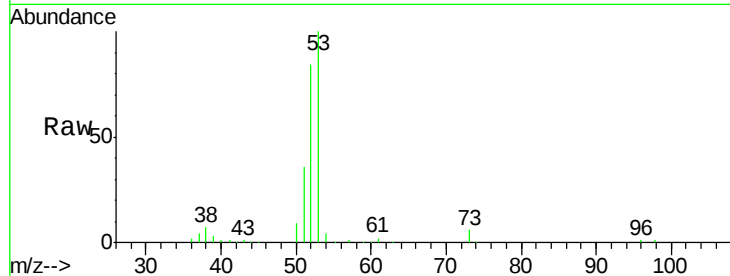
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	53	Resp:	216761
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.2	97.8
51	36.8	29.3	43.9

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#16

Acetone

Concen: 324.891 ug/l

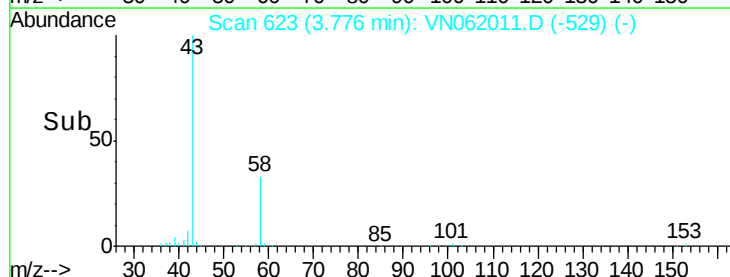
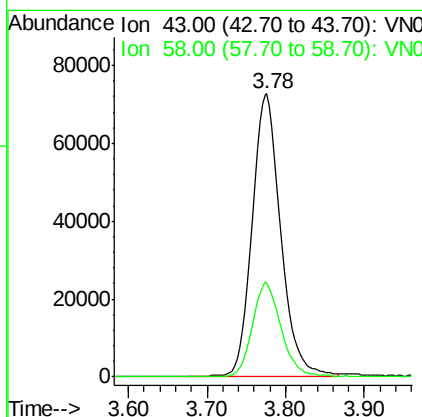
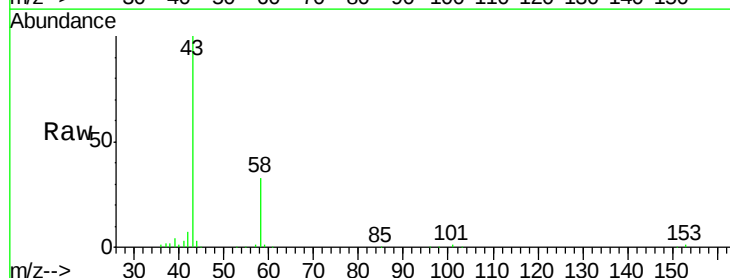
RT: 3.78 min Scan# 623

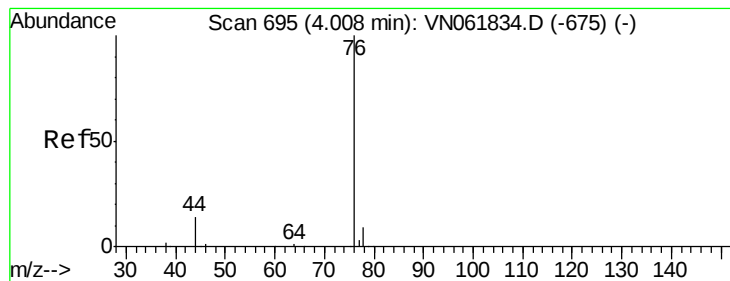
Delta R.T. 0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Tgt Ion:	43	Resp:	189169
Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.8	41.8





#17

Carbon Disulfide

Concen: 50.931 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion: 76 Resp: 222547

Ion Ratio Lower Upper

76 100

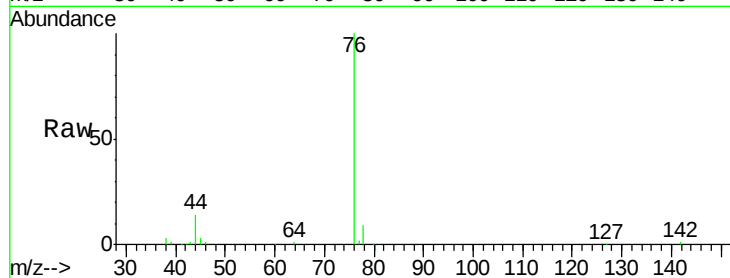
78 9.1 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN062011.D (-602) (-)

4.00

80000

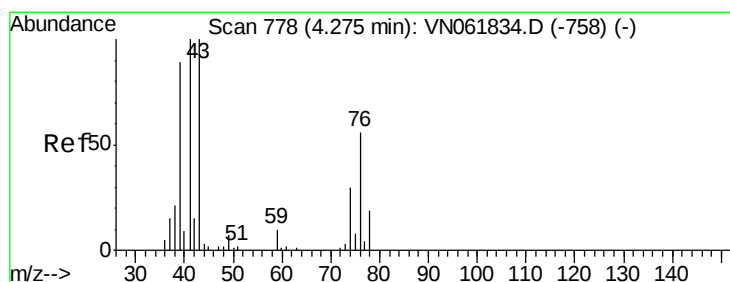
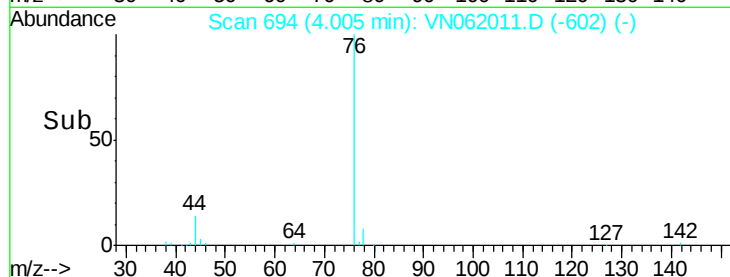
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 31.631 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062011.D

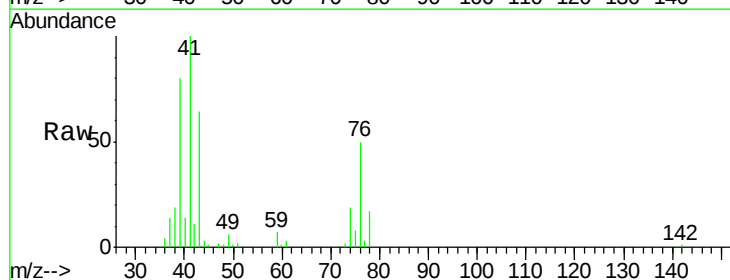
Acq: 22 Jun 2020 19:55

Tgt Ion: 43 Resp: 53023

Ion Ratio Lower Upper

43 100

74 28.3 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN062011.D (-685) (-)

4.28

20000

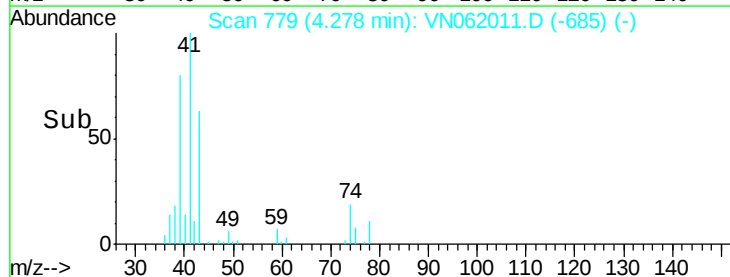
15000

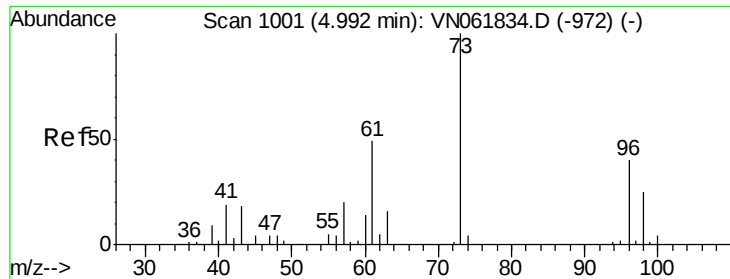
10000

5000

0

Time-->





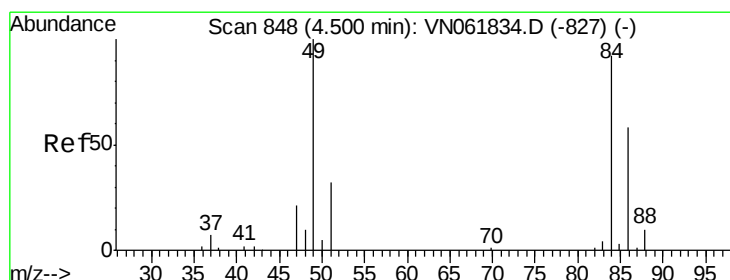
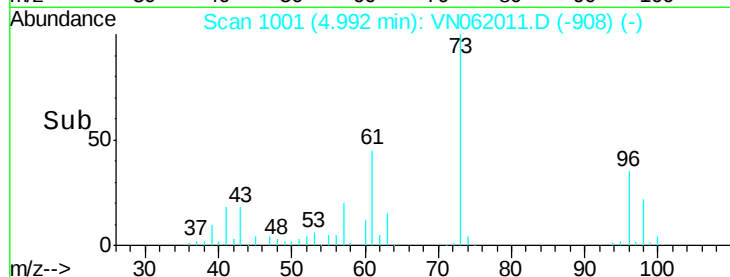
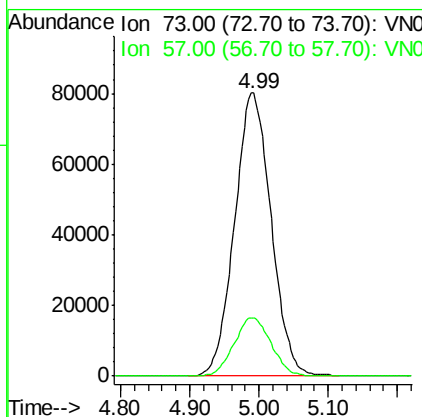
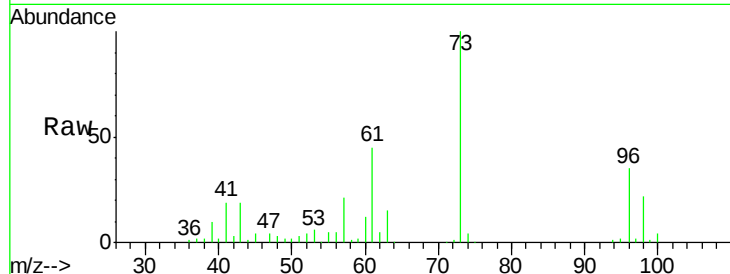
#19
Methvl tert-butvl Ether
Concen: 59.194 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion: 73 Resp: 294328
Ion Ratio Lower Upper
73 100
57 20.6 16.2 24.4

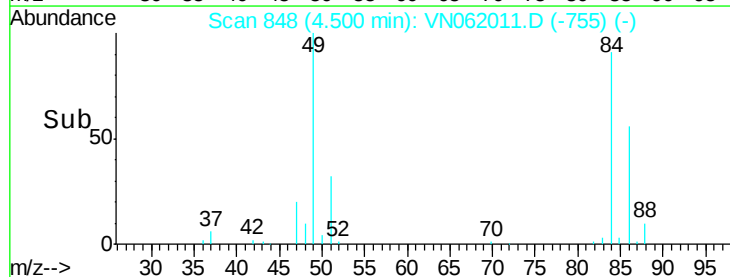
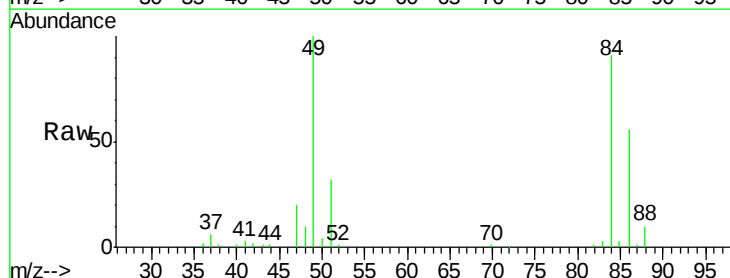
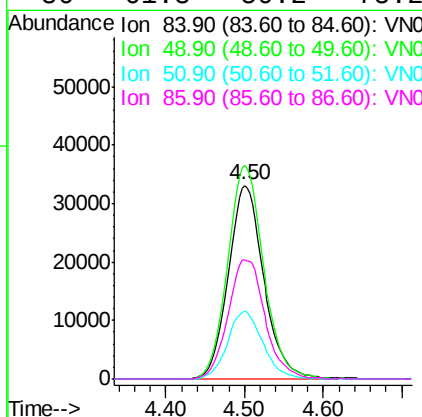
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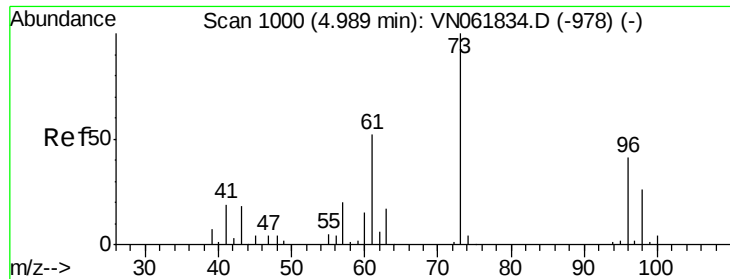
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#20
Methylene Chloride
Concen: 54.895 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion: 84 Resp: 104135
Ion Ratio Lower Upper
84 100
49 110.3 87.0 130.4
51 35.0 27.8 41.6
86 61.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 53.952 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion: 96 Resp: 92544

Ion Ratio Lower Upper

96 100

61 126.4 102.2 153.4

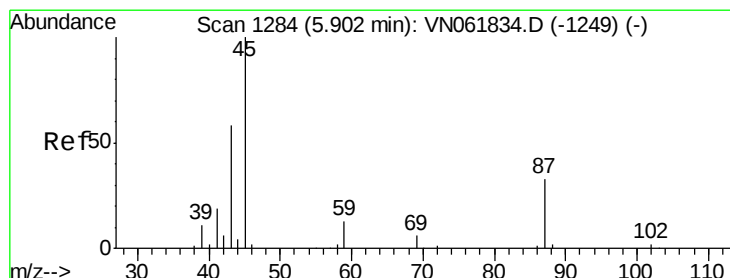
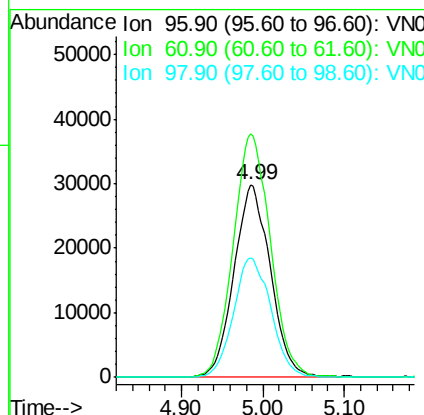
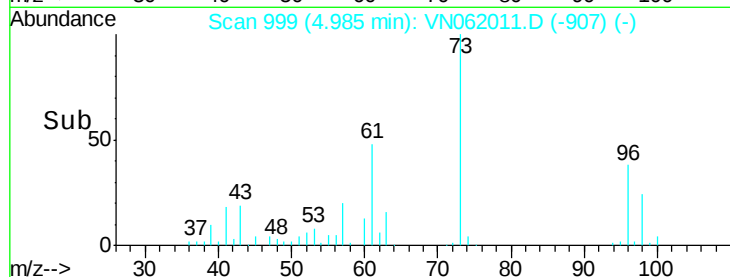
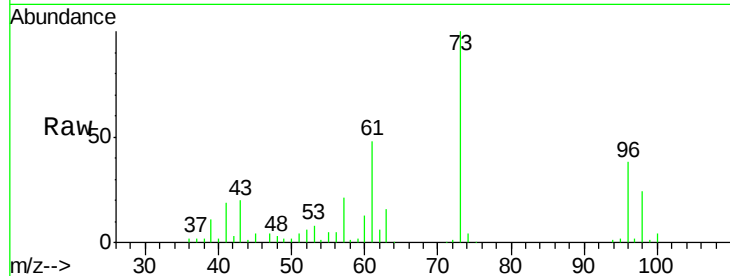
98 61.9 51.2 76.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 57.859 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Tgt Ion: 45 Resp: 262272

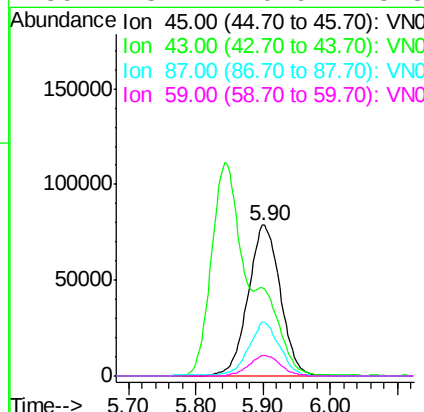
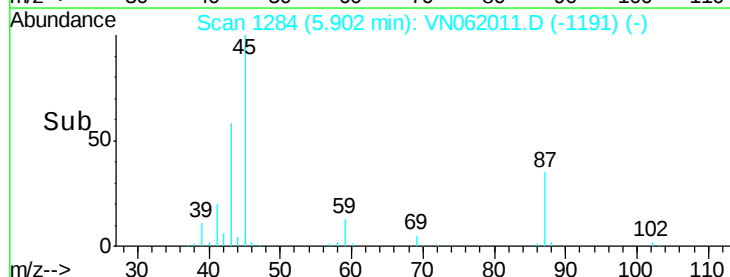
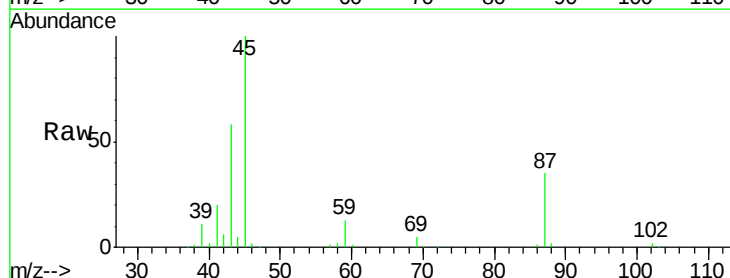
Ion Ratio Lower Upper

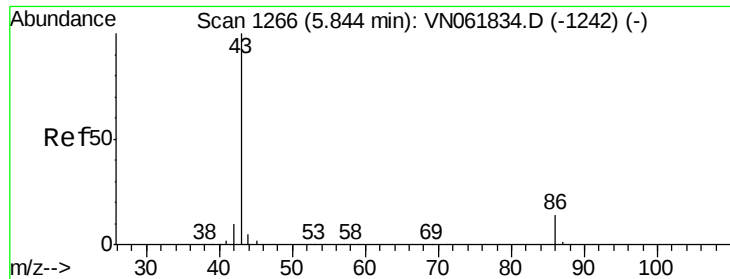
45 100

43 56.9 49.4 74.2

87 35.4 27.4 41.0

59 13.4 10.6 15.8





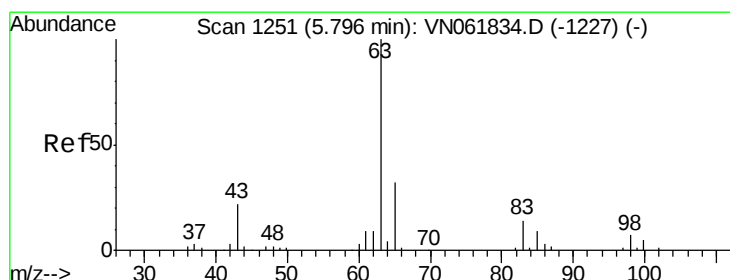
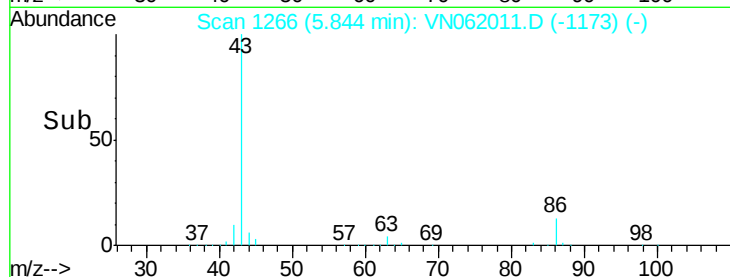
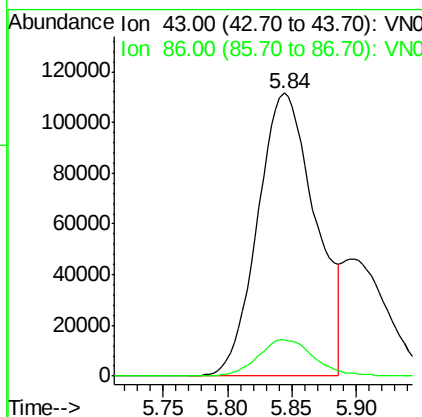
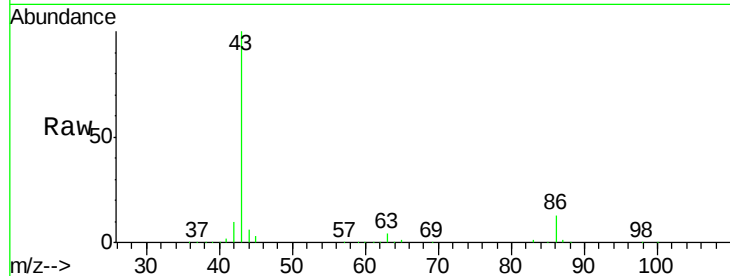
#23
 Vinyl Acetate
 Concen: 97.605 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion	43	Resp	347981
Ion Ratio	100	Lower	Upper
43	100		
86	12.8	10.9	16.3

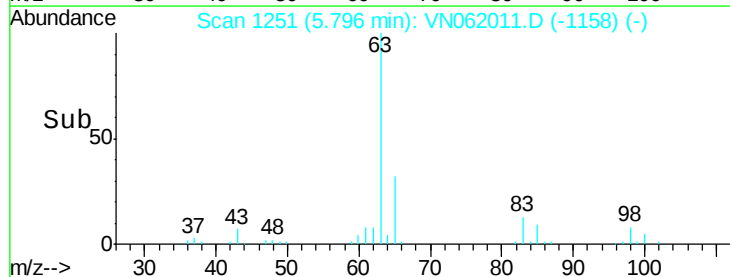
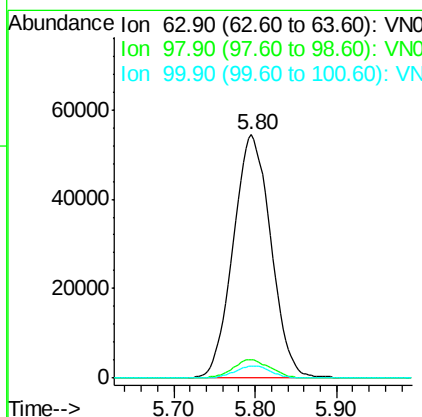
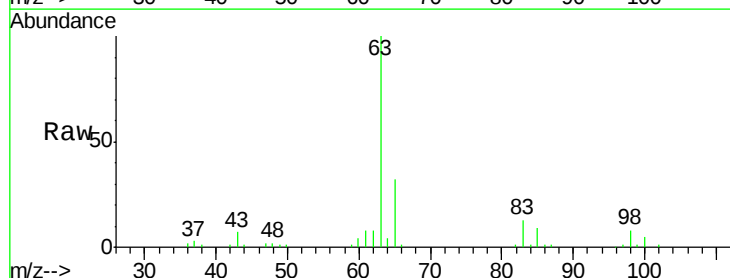
Manual Integrations
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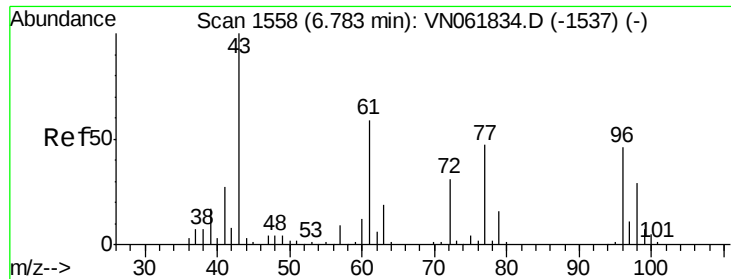
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 58.836 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion	63	Resp	174586
Ion Ratio	100	Lower	Upper
63	100		
98	7.6	3.5	10.4
100	5.0	2.5	7.4





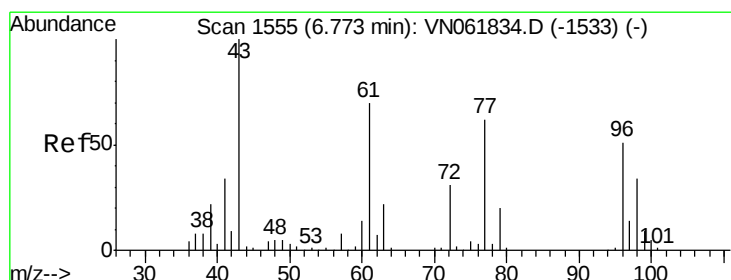
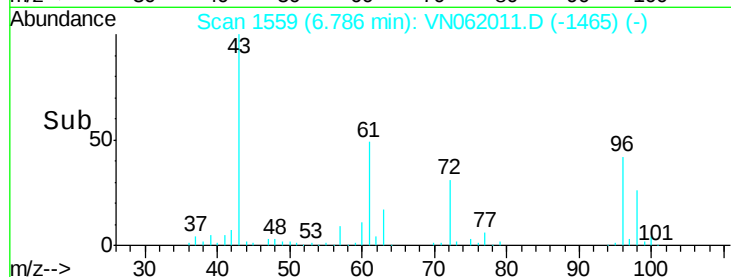
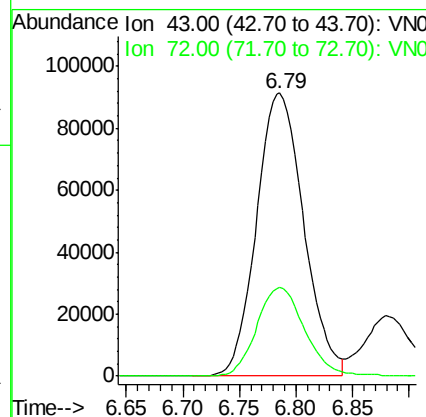
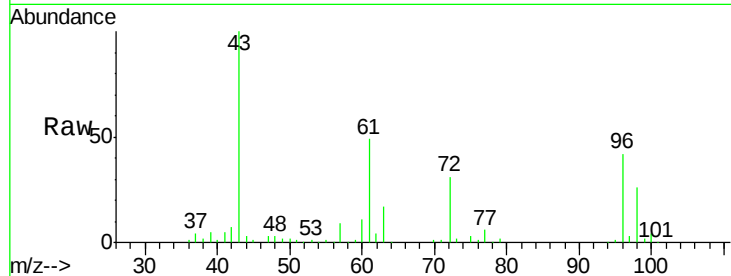
#25
2-Butanone
Concen: 311.682 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion: 43 Resp: 264777
Ion Ratio Lower Upper
43 100
72 31.5 24.6 37.0

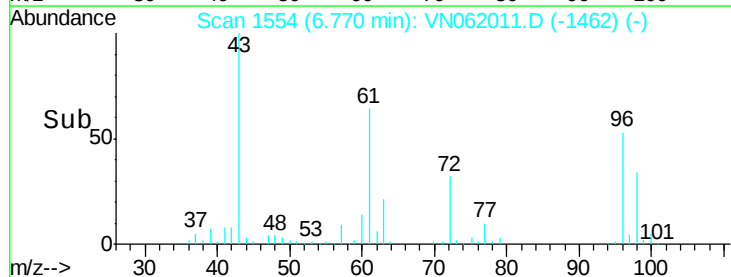
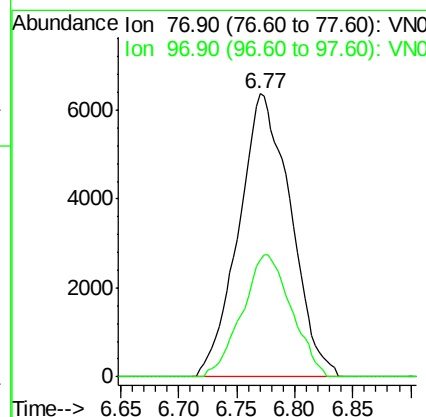
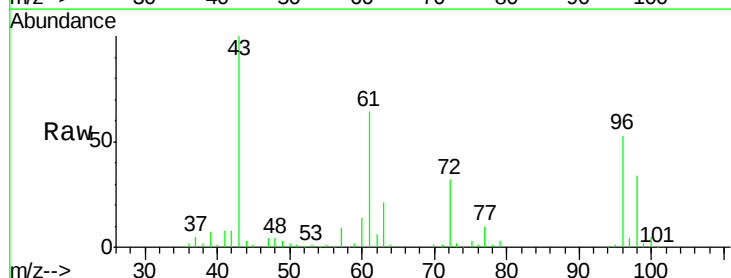
Manual Integrations
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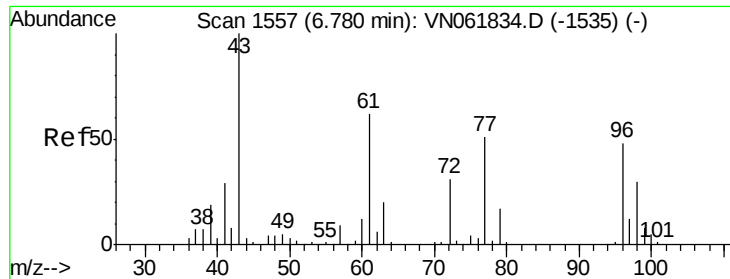
MMDadoda
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#26
2,2-Dichloropropane
Concen: 7.927 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion: 77 Resp: 19789
Ion Ratio Lower Upper
77 100
97 41.2 11.7 35.0#





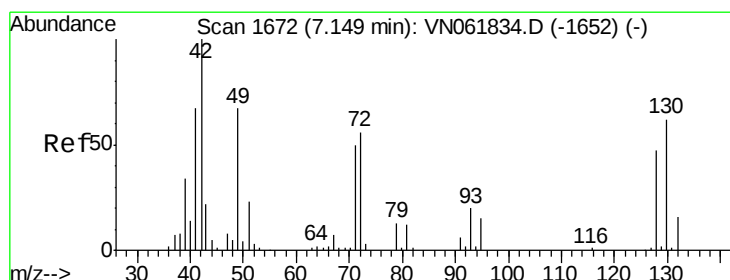
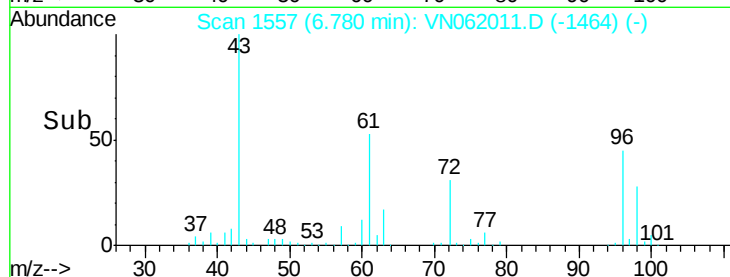
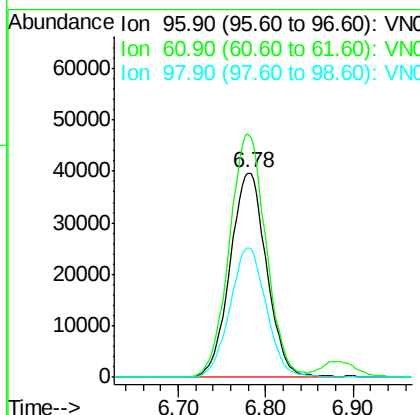
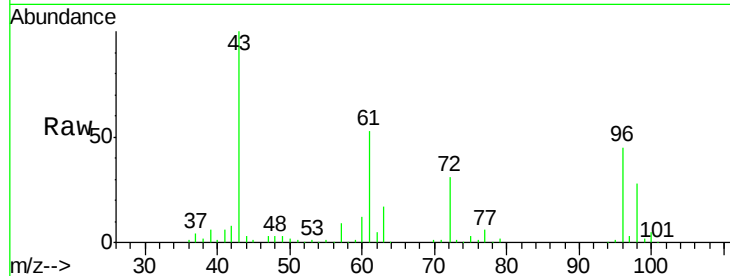
#27
 cis-1,2-Dichloroethene
 Concen: 58.074 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	119.7	0.0	265.6	
98	63.2	0.0	128.2	

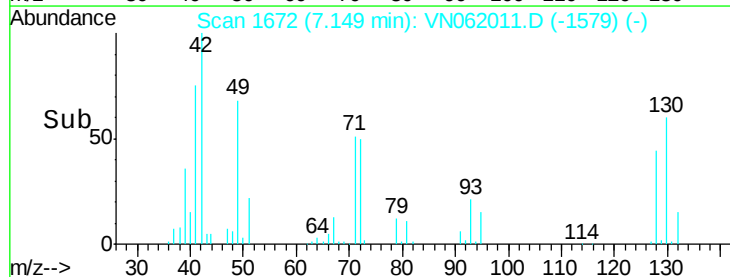
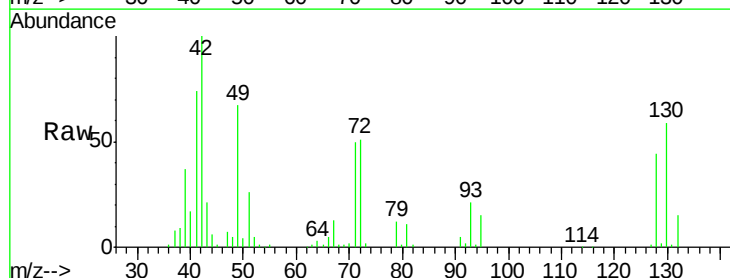
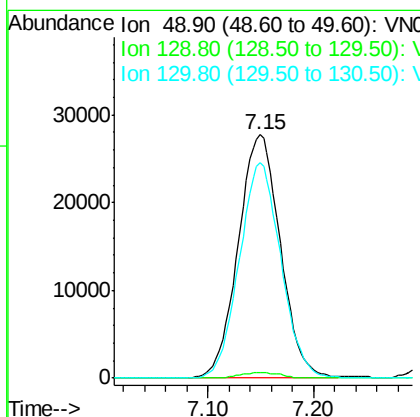
Manual Integrations
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#28
 Bromochloromethane
 Concen: 58.255 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	87.3	72.2	108.2	





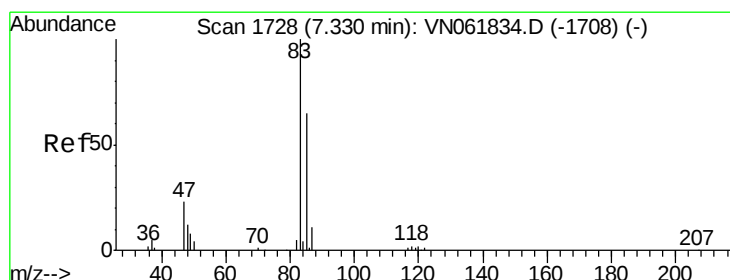
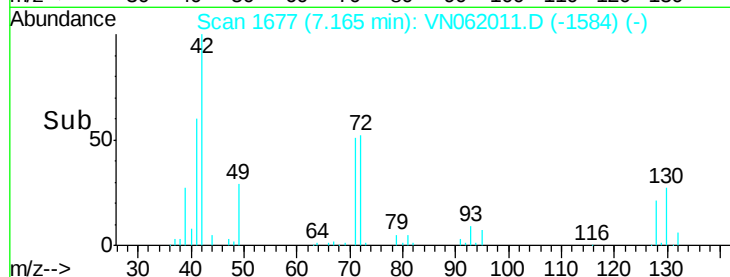
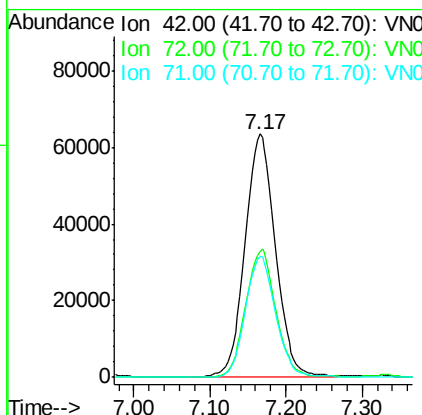
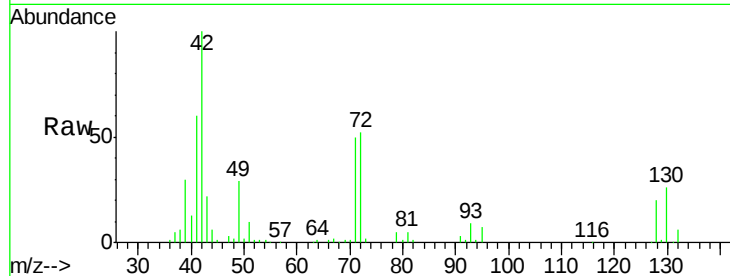
#29
Tetrahydrofuran
Concen: 317.422 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.2	44.0	66.0
71	49.0	40.0	60.0

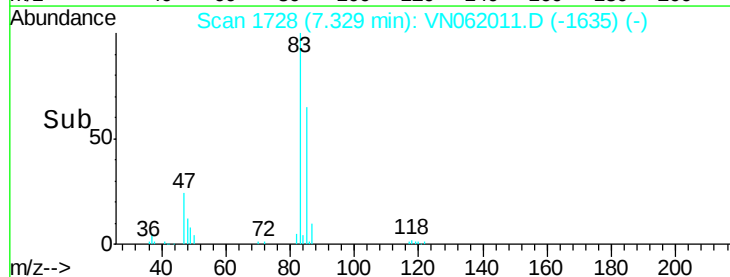
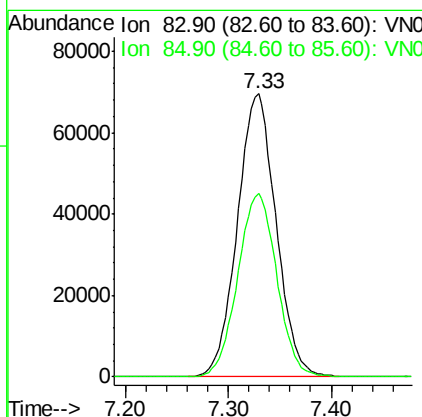
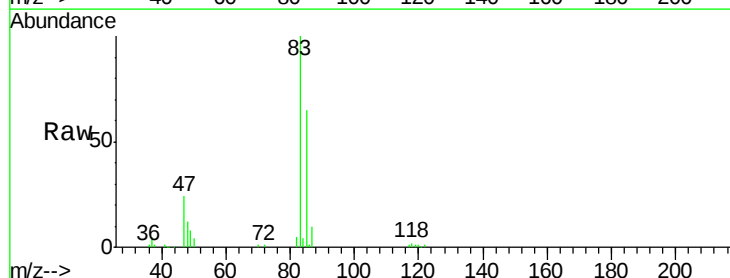
Manual Integrations
APPROVED

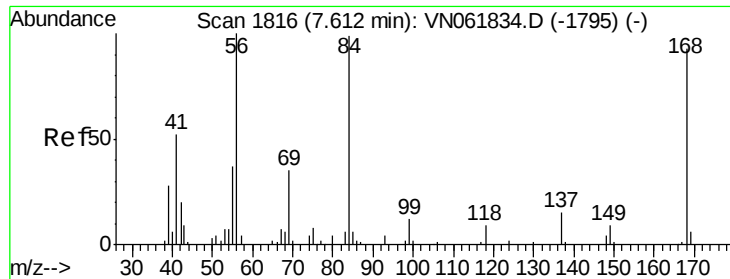
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#30
Chloroform
Concen: 57.233 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.0	78.0





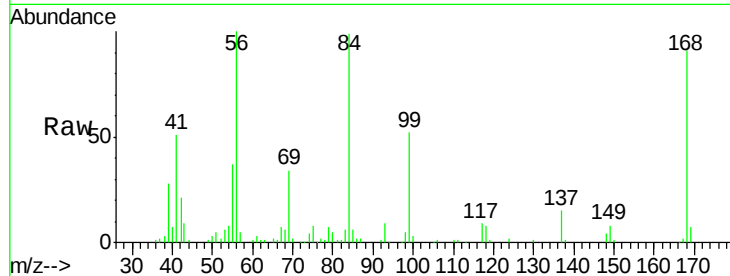
#31
Cyclohexane
Concen: 51.917 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

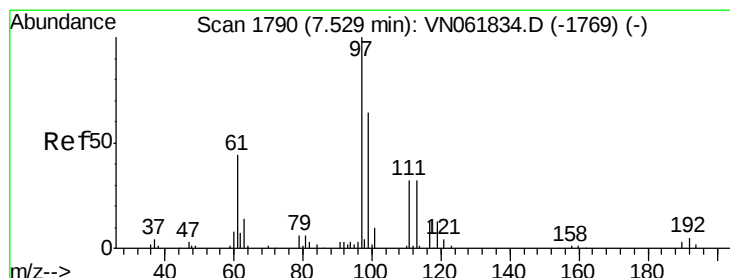
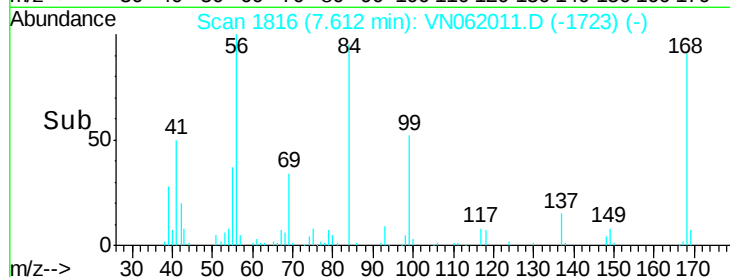
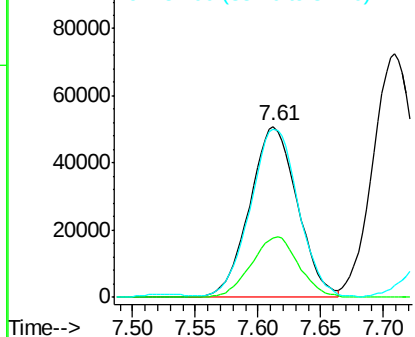
Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	27.7	41.5
84	97.4	79.1	118.7

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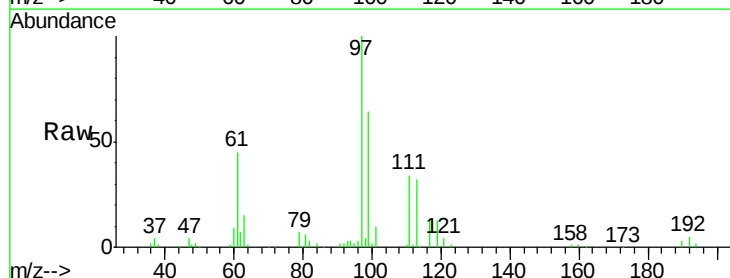


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

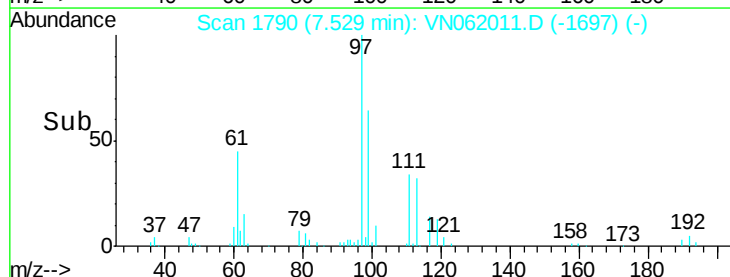
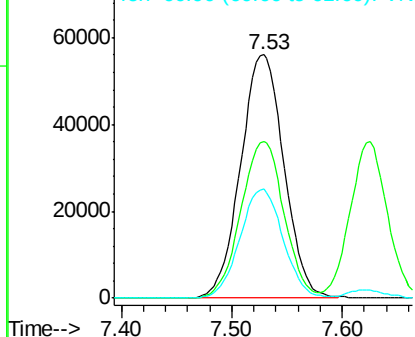


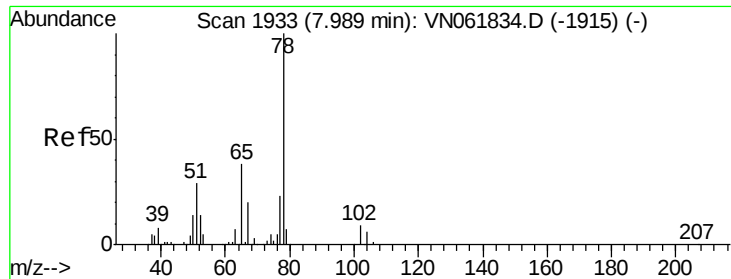
#32
1,1,1-Trichloroethane
Concen: 56.449 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.5	77.3
61	44.7	35.1	52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.962 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion: 65 Resp: 106369

Ion Ratio Lower Upper

65 100

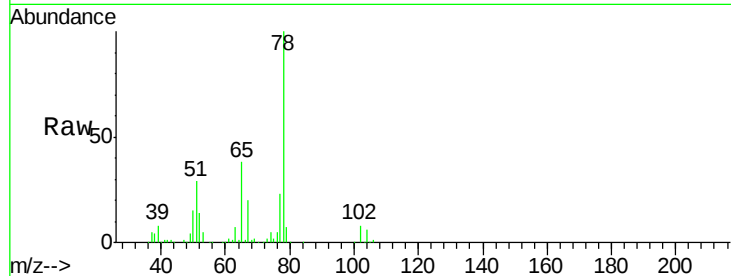
67 53.0 0.0 106.2

Manual Integrations

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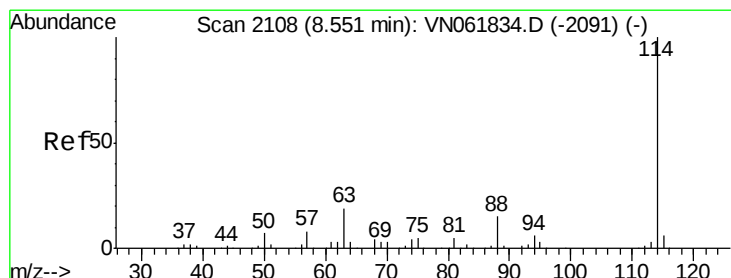
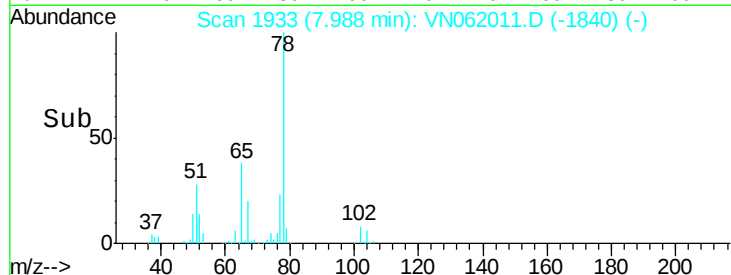


Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

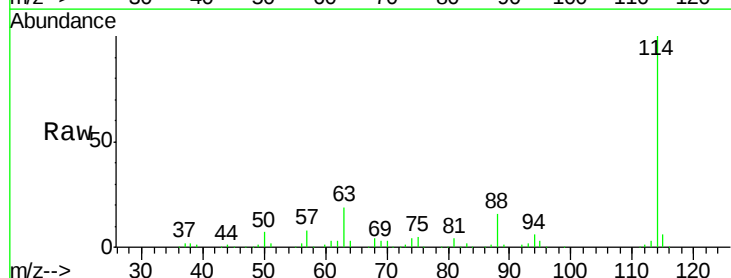
Tgt Ion: 114 Resp: 281887

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

88 15.7 0.0 31.0



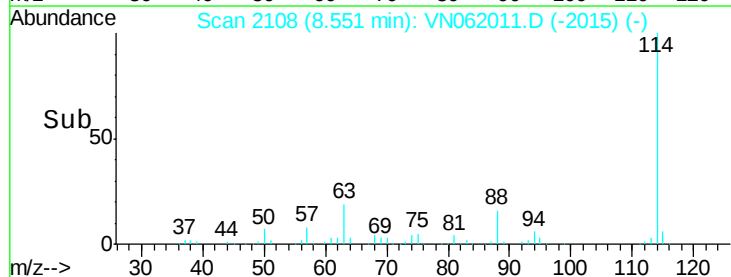
Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

8.55

Time-->





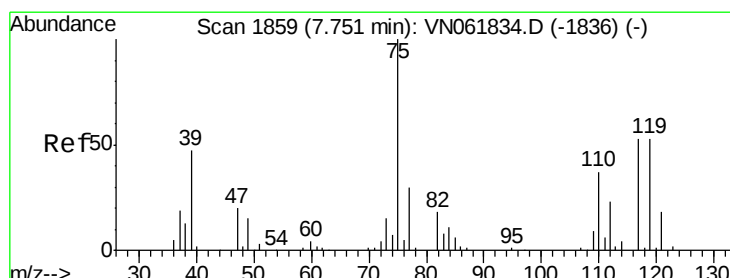
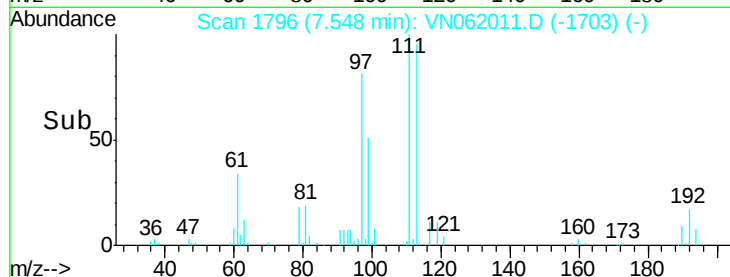
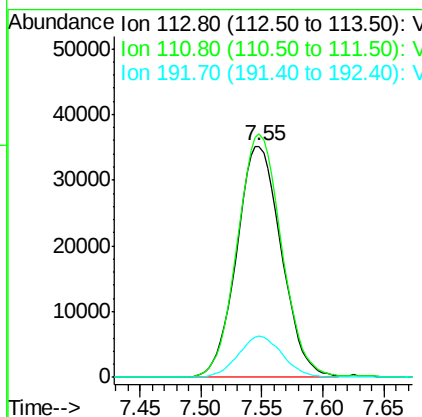
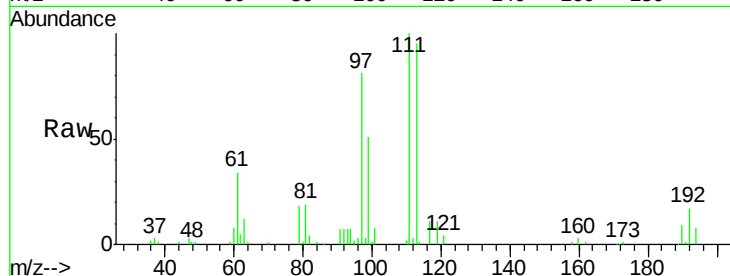
#35
 Dibromofluoromethane
 Concen: 49.444 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	89166		
111	104.2		83.7	125.5
192	17.6		13.9	20.9

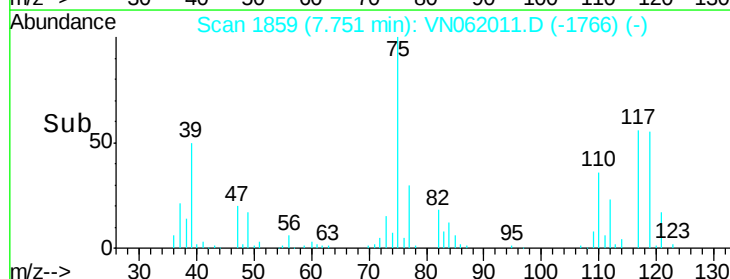
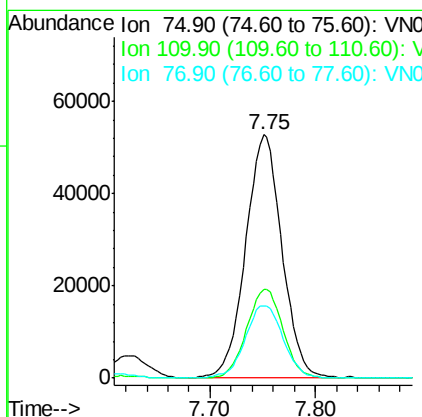
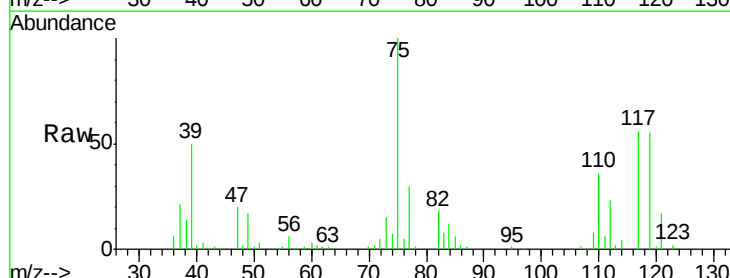
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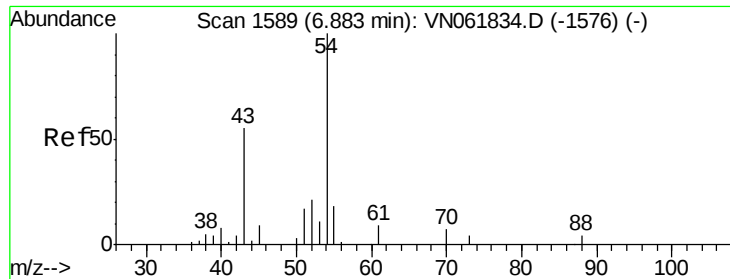
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#36
 1,1-Dichloropropene
 Concen: 49.187 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126466		
110	36.4		18.2	54.6
77	31.3		24.2	36.4





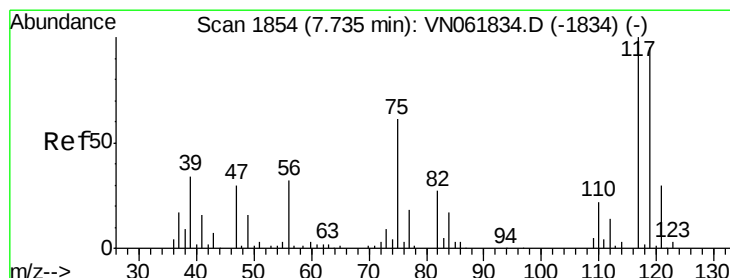
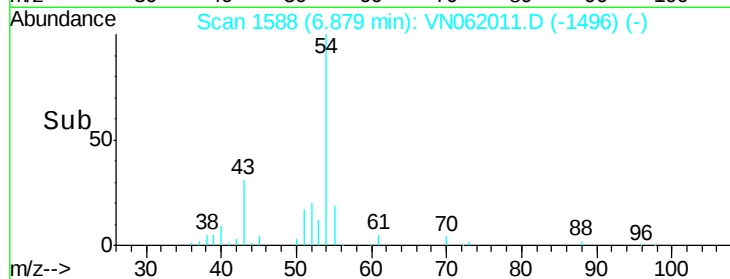
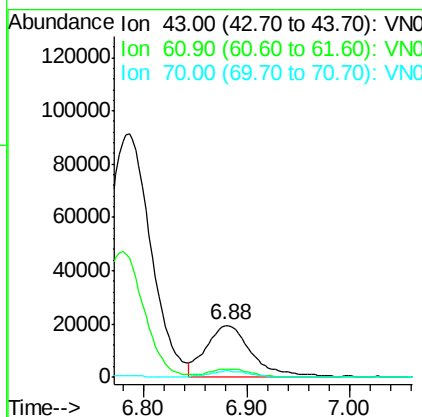
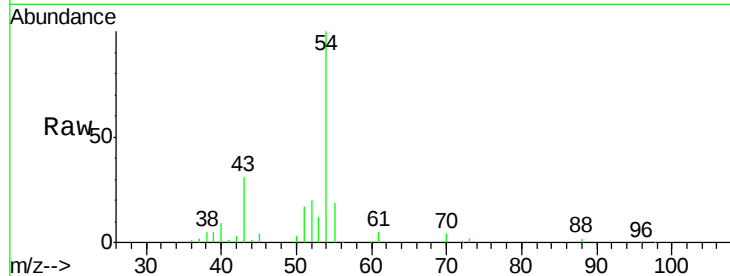
#37
Ethyl Acetate
Concen: 29.042 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	43	61	70
Resp	58311		
Ratio	100	15.5	11.4
Lower		13.0	9.4
Upper		19.4	14.2

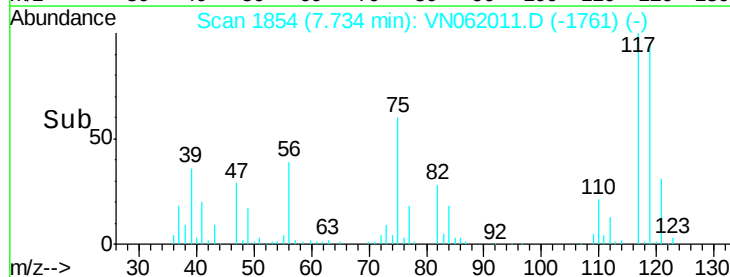
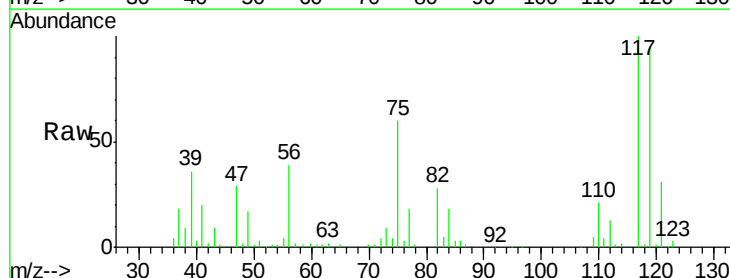
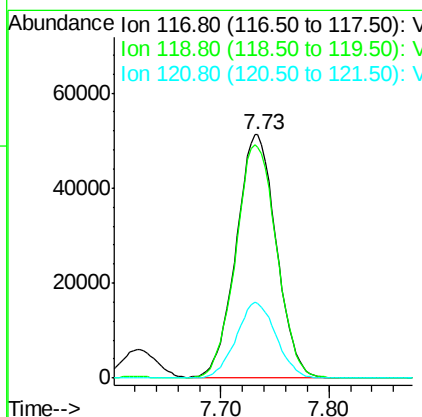
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#38
Carbon Tetrachloride
Concen: 52.112 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	117	119	121
Resp	132684		
Ratio	100	94.8	30.6
Lower		75.8	23.8
Upper		113.6	35.6





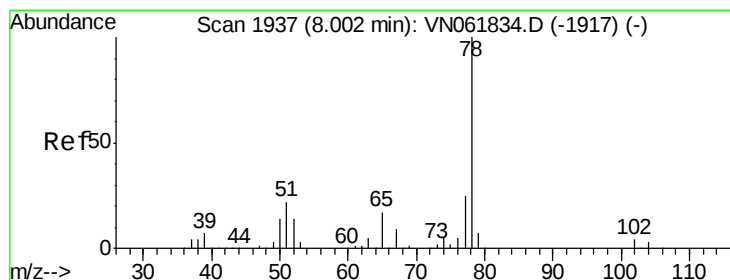
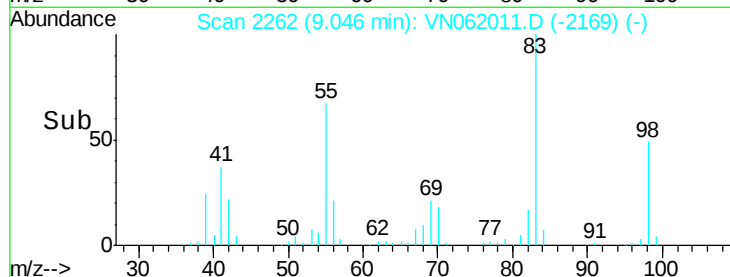
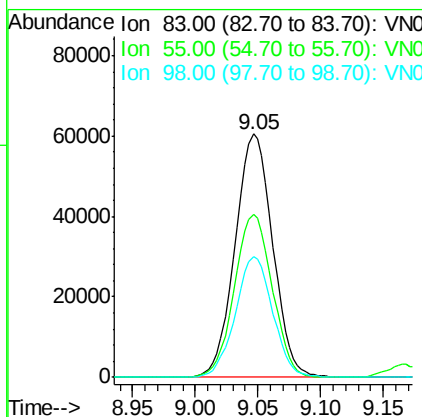
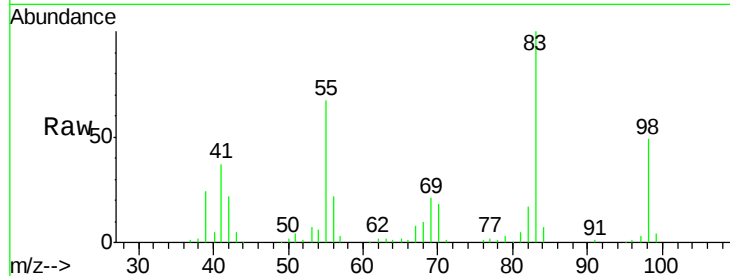
#39
Methvlcvclohexane
Concen: 45.486 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.1	54.2	81.4
98	49.4	39.8	59.6

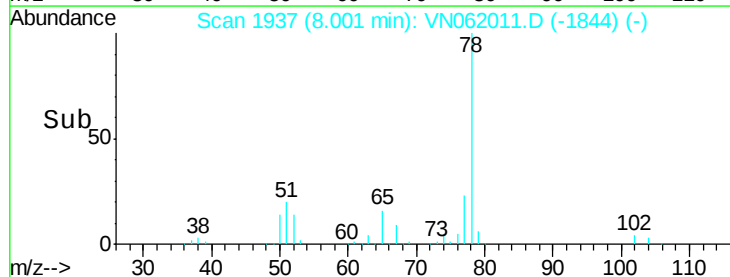
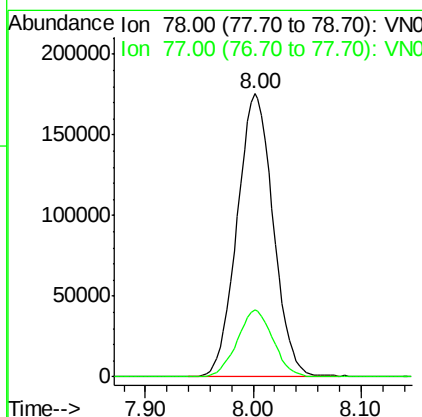
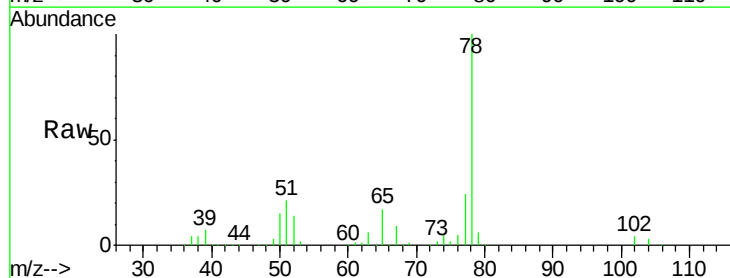
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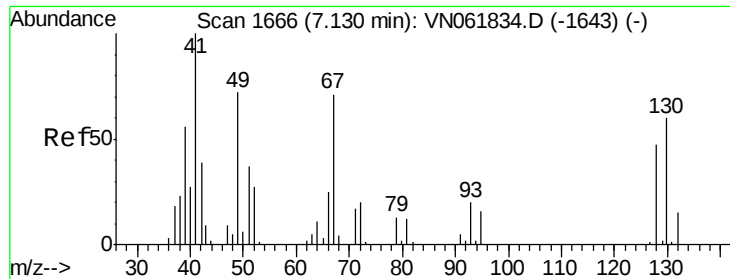
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#40
Benzene
Concen: 52.553 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.7	29.5





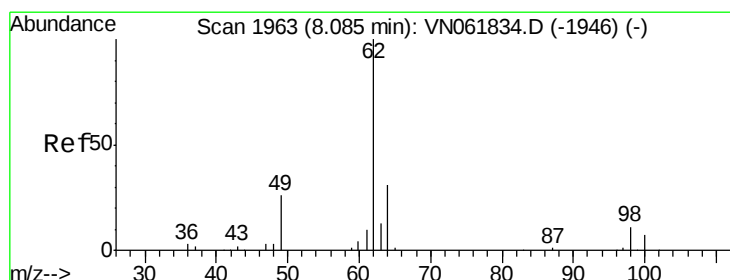
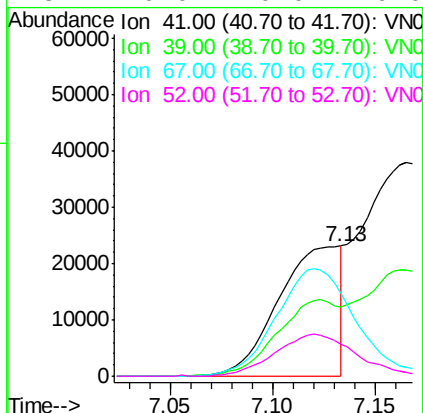
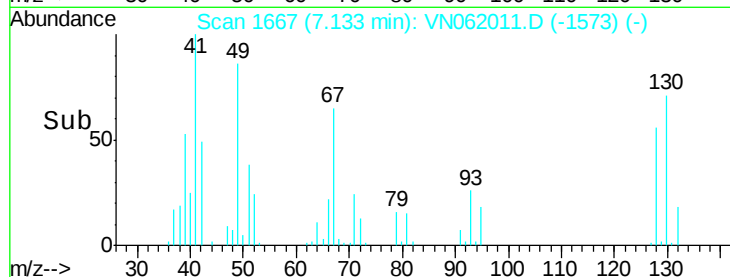
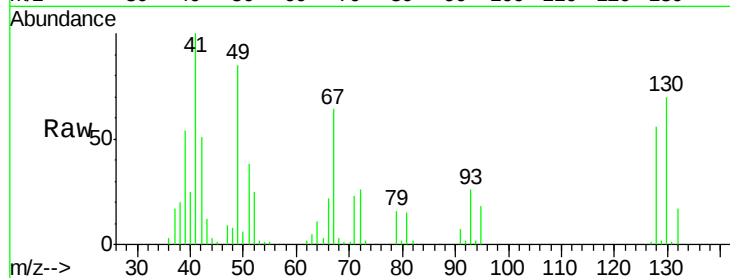
#41
Methacrylonitrile
Concen: 56.945 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	41	Resp	48891
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

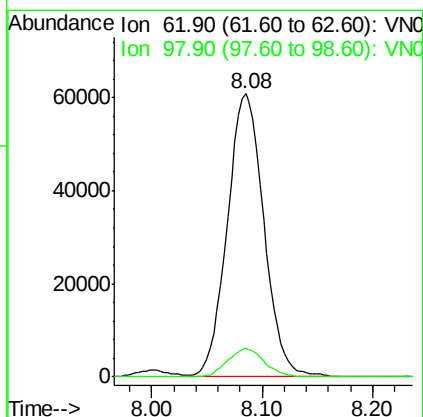
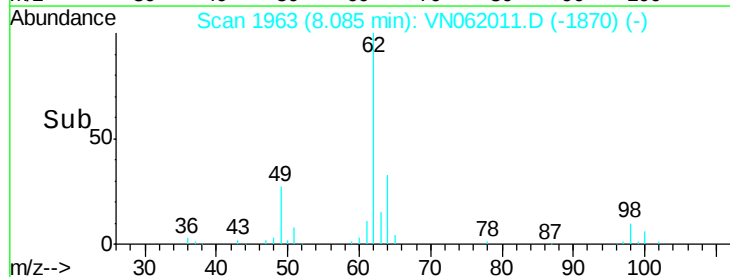
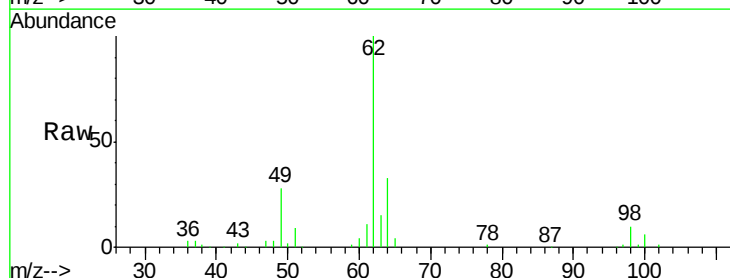
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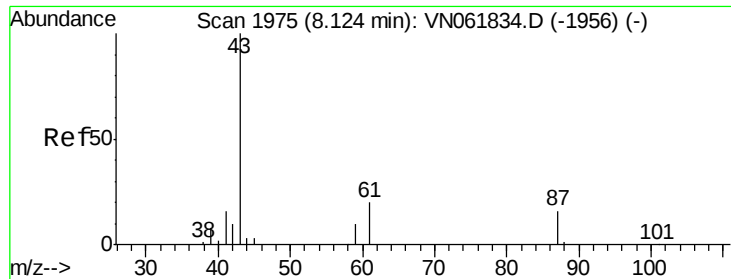
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#42
1,2-Dichloroethane
Concen: 52.390 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	62	Resp	139129
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	20.4





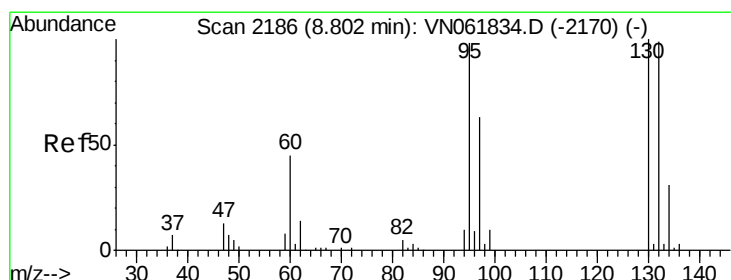
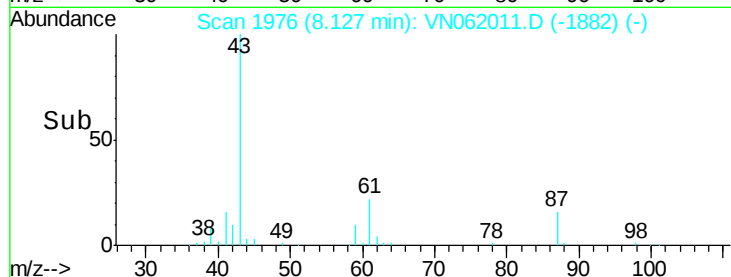
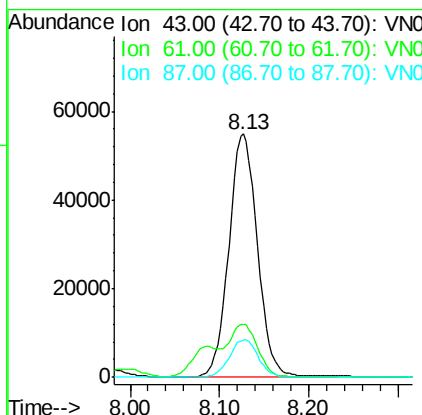
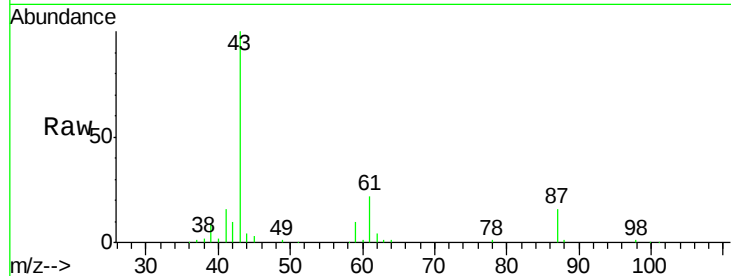
#43
Isopropyl Acetate
Concen: 36.104 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	24.0	36.0#
87	15.5	12.5	18.7

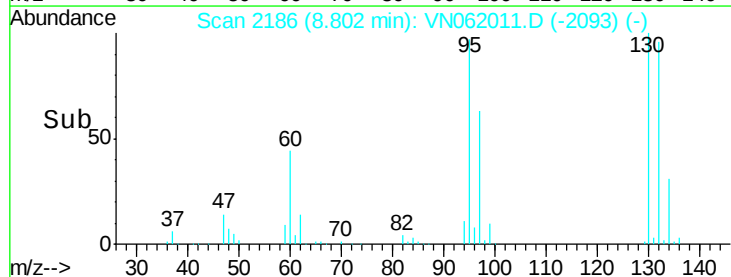
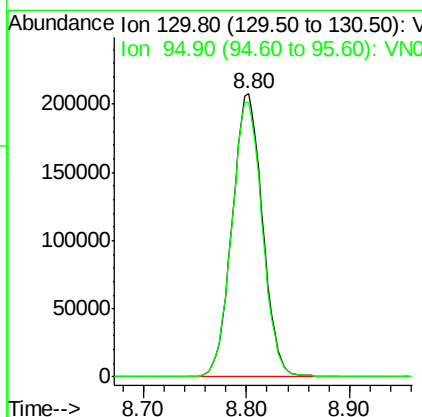
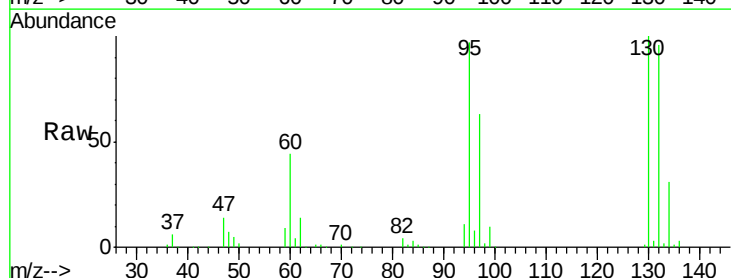
Manual Integrations
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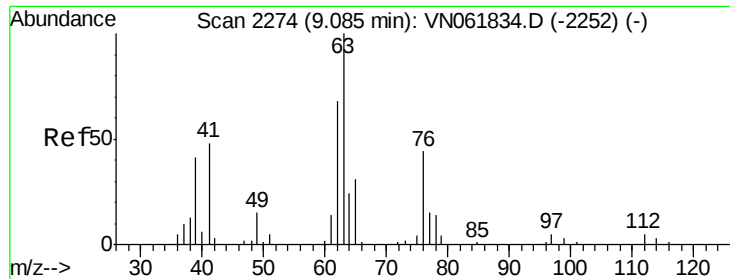
MMDadoda
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#44
Trichloroethene
Concen: 207.632 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	195.6





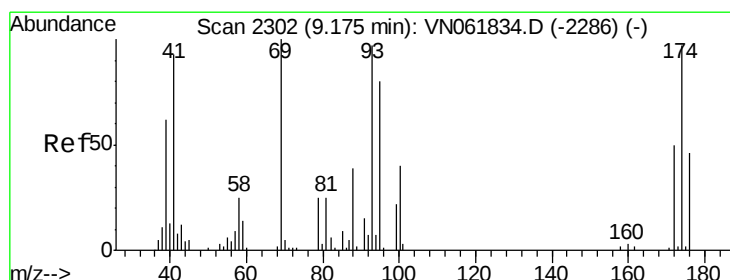
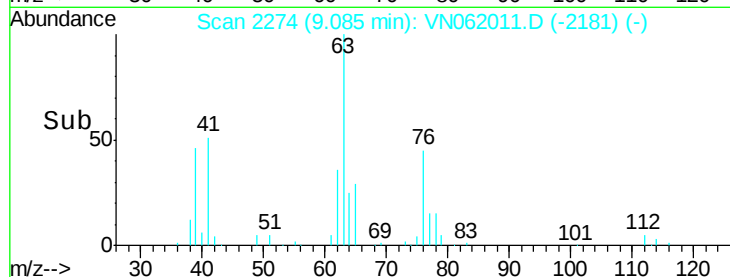
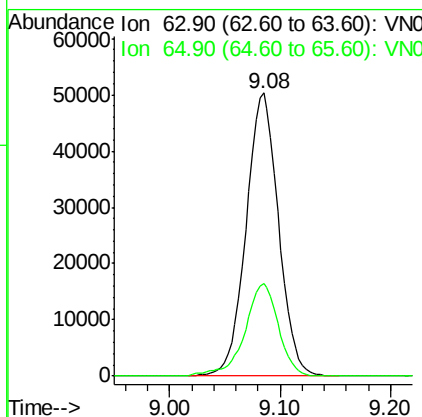
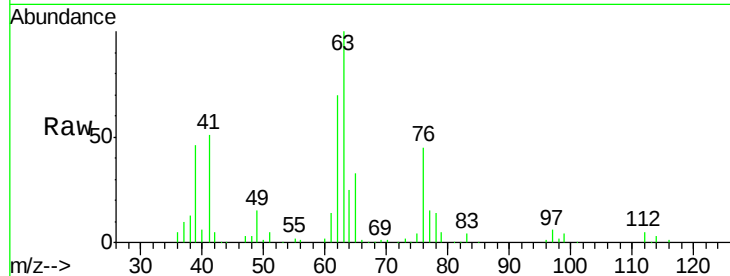
#45
 1,2-Dichloropropane
 Concen: 53.397 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion: 63 Resp: 102203
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.1 37.7

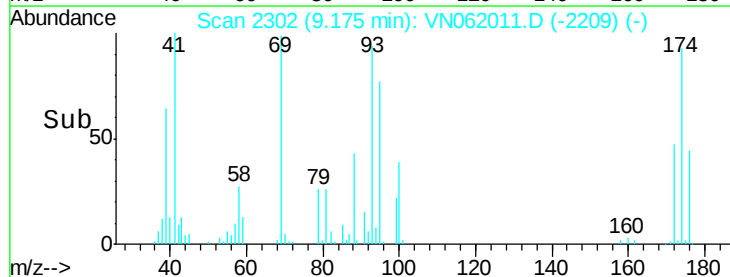
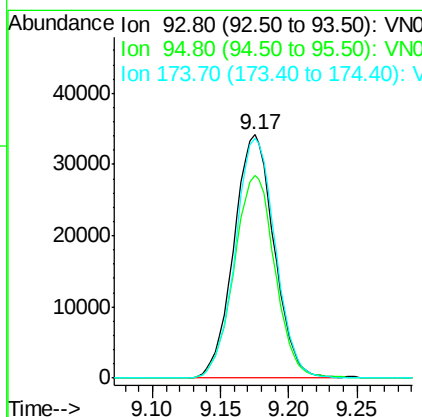
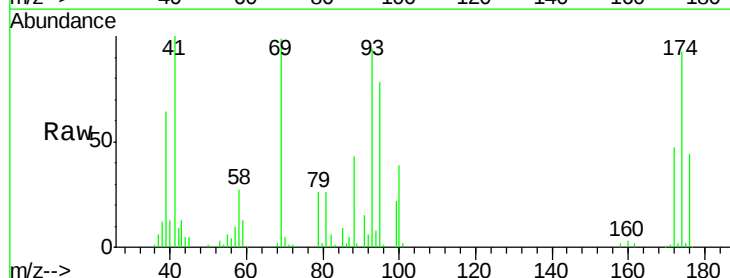
Manual Integrations
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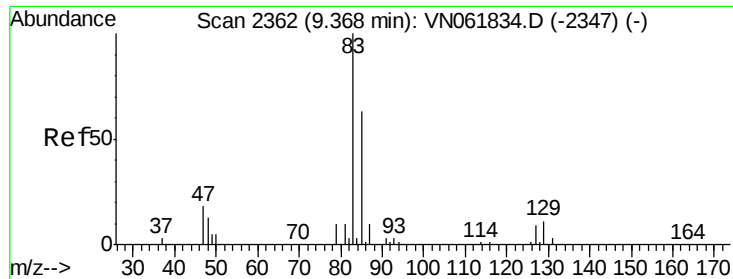
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#46
 Dibromomethane
 Concen: 52.089 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion: 93 Resp: 70208
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.8 98.6
 174 97.5 78.5 117.7





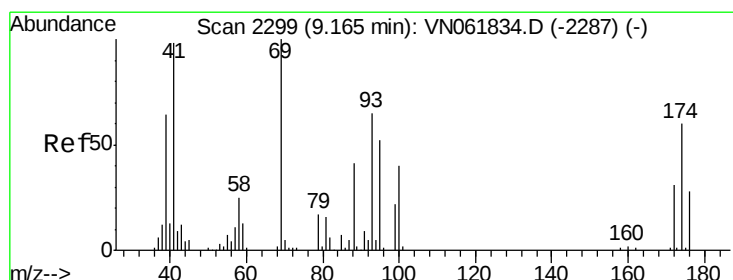
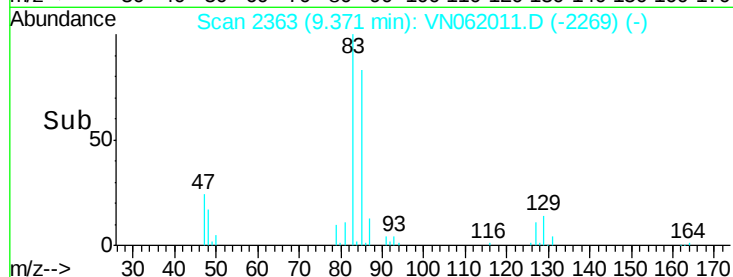
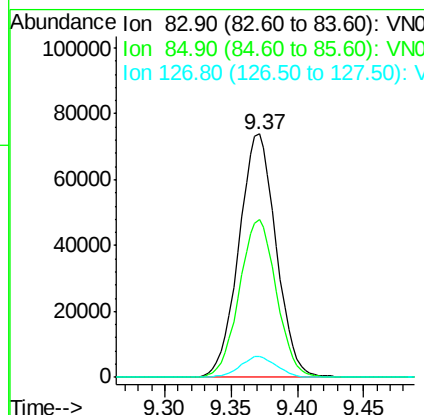
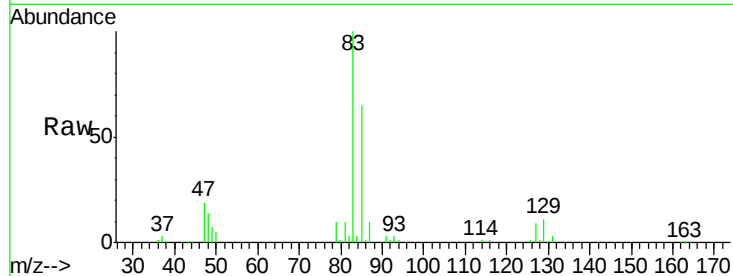
#47
Bromodichloromethane
Concen: 52.245 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	83	Resp	144193
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	50.8	76.2
127	8.8	7.0	10.4

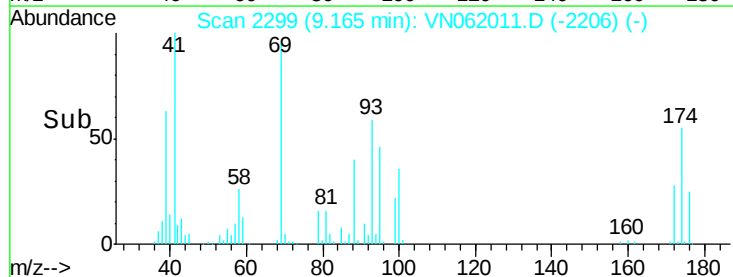
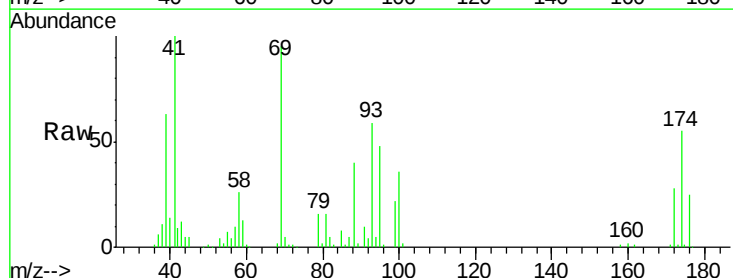
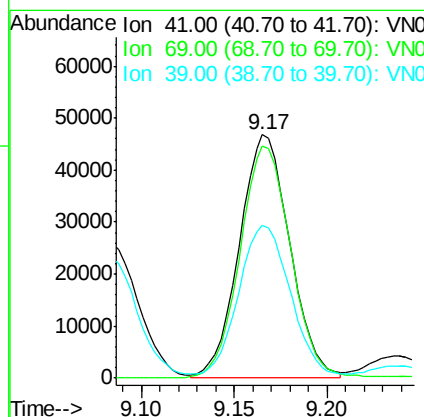
Manual Integrations
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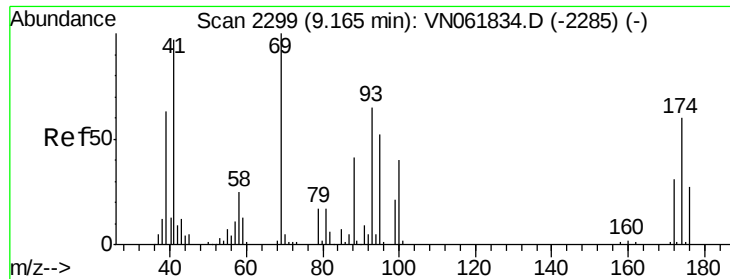
MMDadoda
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#48
Methyl methacrylate
Concen: 57.210 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	41	Resp	88031
Ion Ratio	100	Lower	Upper
41	100		
69	96.6	83.0	124.4
39	65.6	55.1	82.7





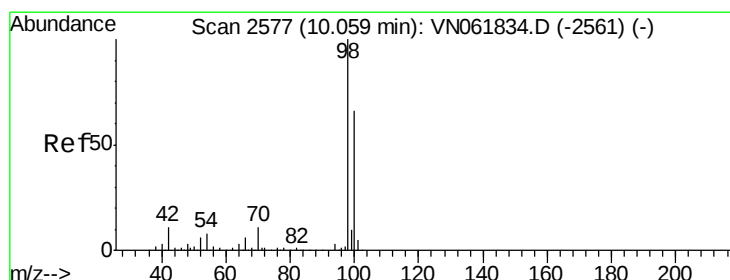
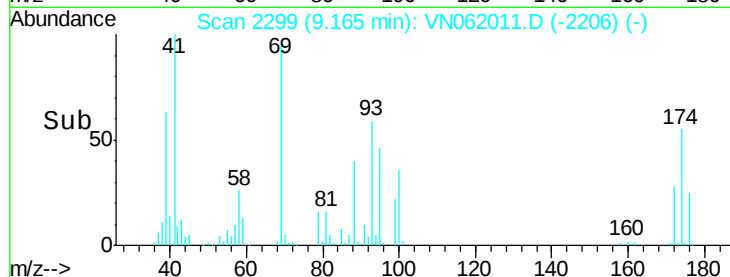
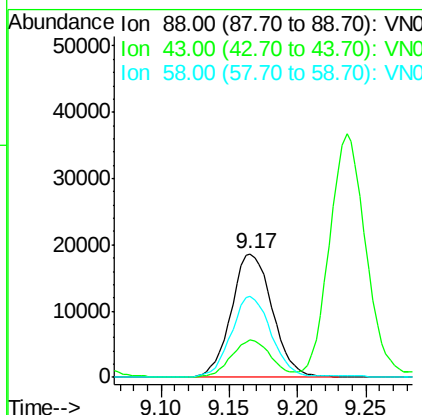
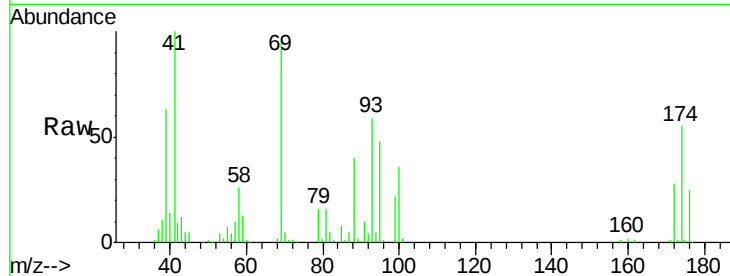
#49
1,4-Dioxane
Concen: 1105.704 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	23.4	35.2
58	63.7	49.8	74.6

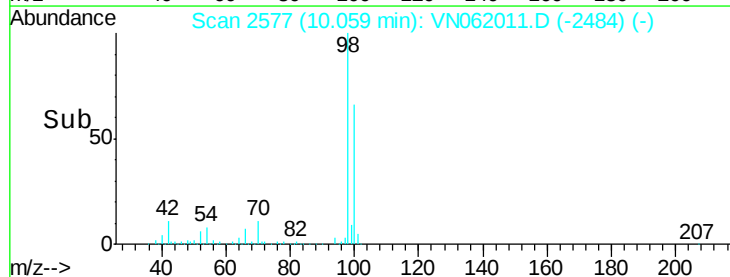
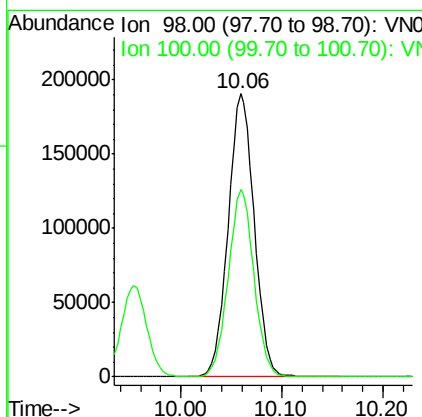
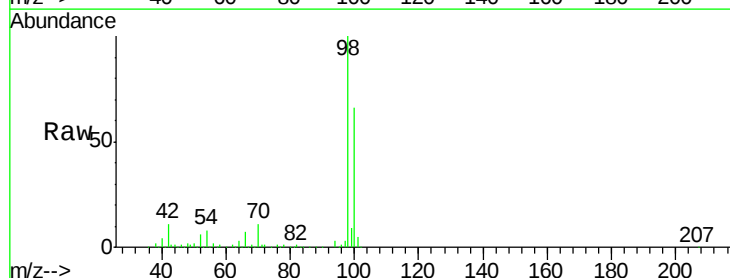
Manual Integrations
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#50
Toluene-d8
Concen: 48.447 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 286.931 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion: 43 Resp: 573717

Ion Ratio Lower Upper

43 100

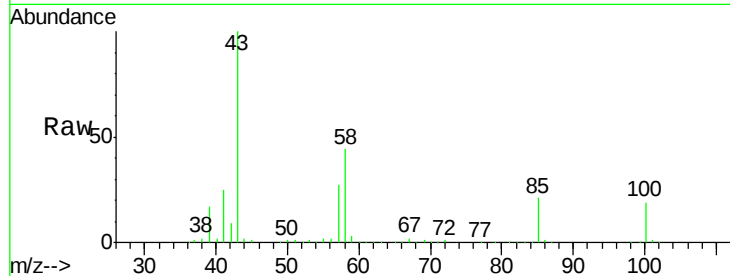
58 43.3 34.6 52.0

Manual Integrations

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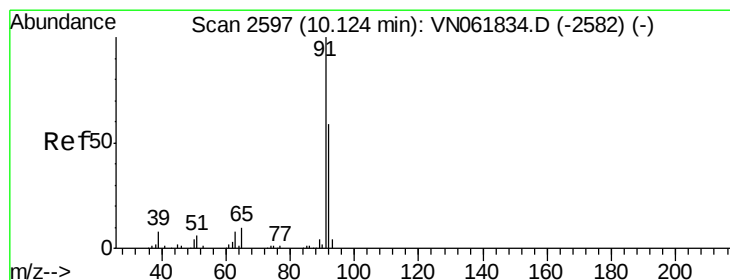
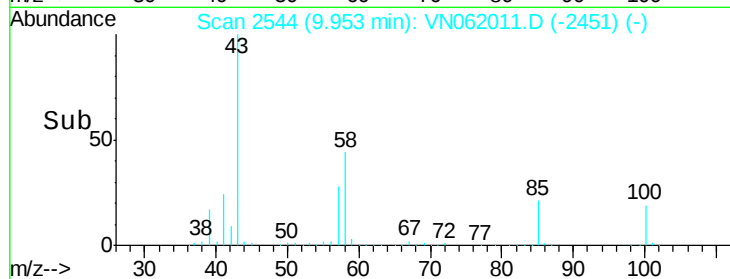
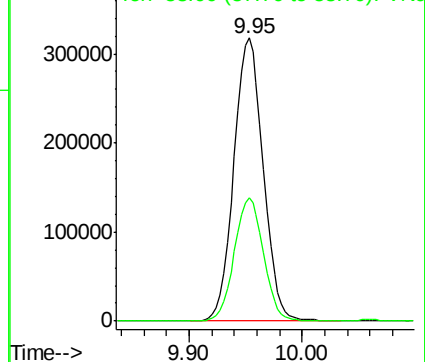
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.954 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062011.D

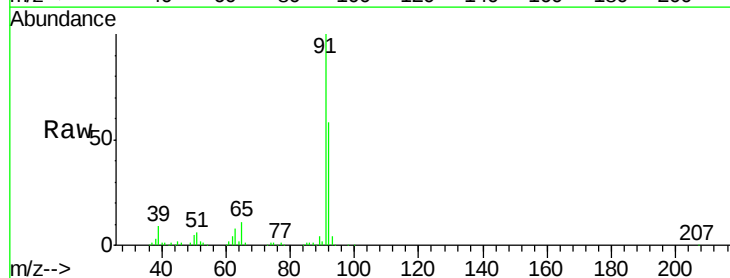
Acq: 22 Jun 2020 19:55

Tgt Ion: 92 Resp: 259020

Ion Ratio Lower Upper

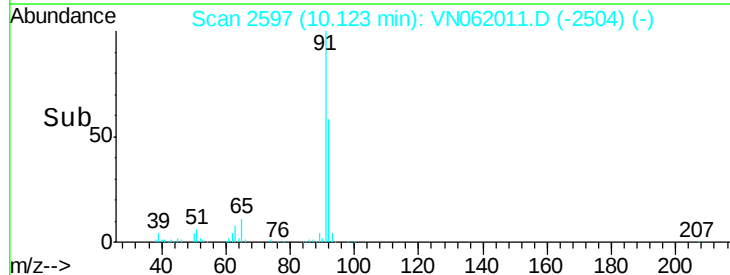
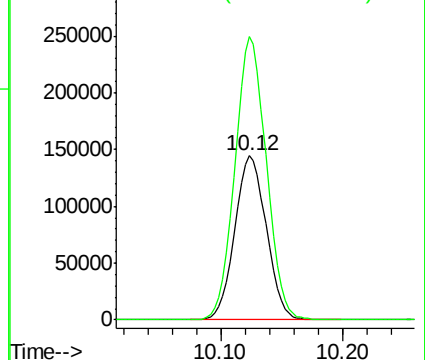
92 100

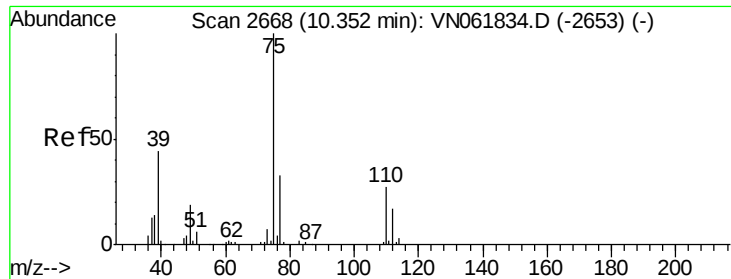
91 171.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 39.383 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion: 75 Resp: 115387

Ion Ratio Lower Upper

75 100

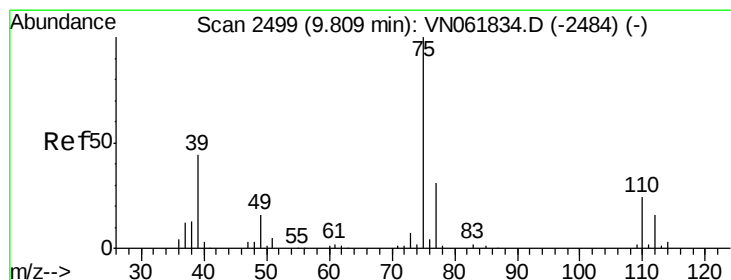
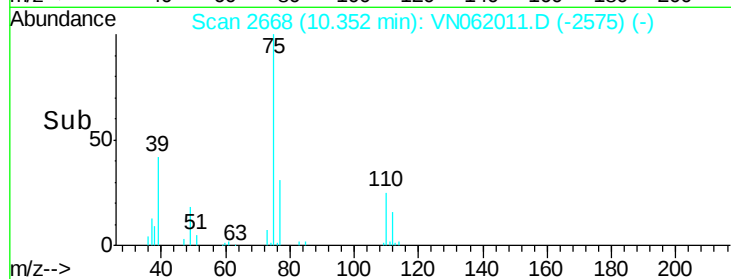
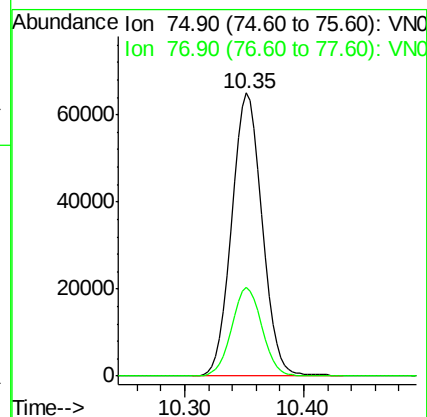
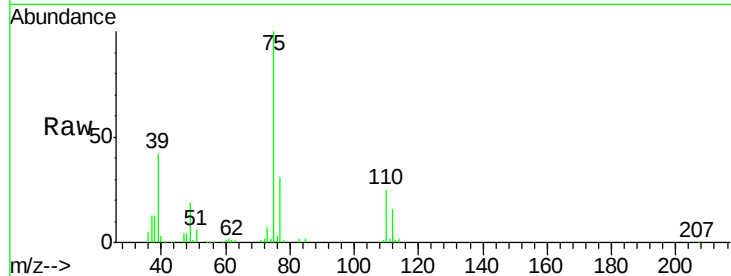
77 31.2 26.3 39.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 37.801 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

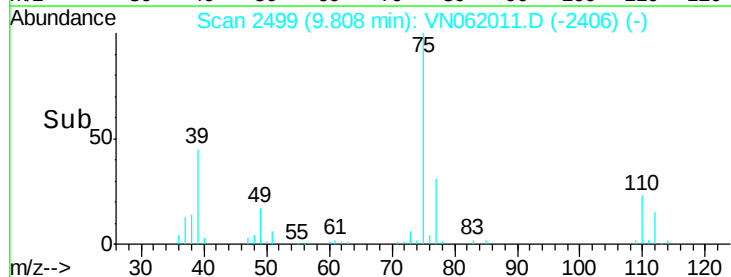
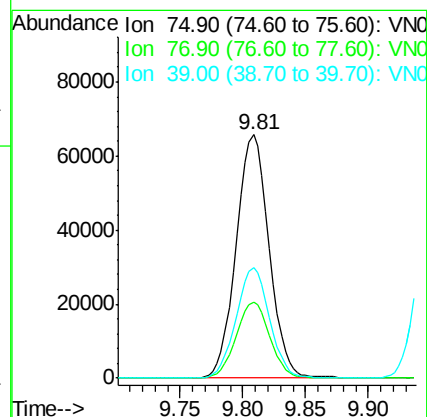
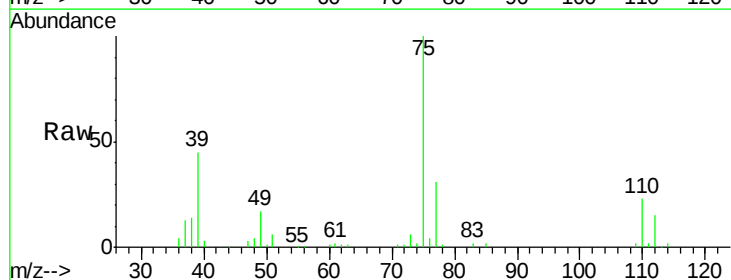
Tgt Ion: 75 Resp: 120294

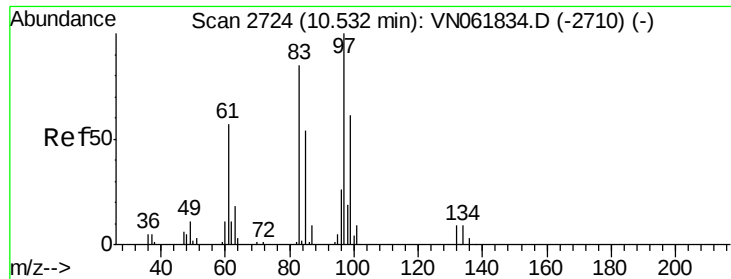
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 45.2 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 56.112 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

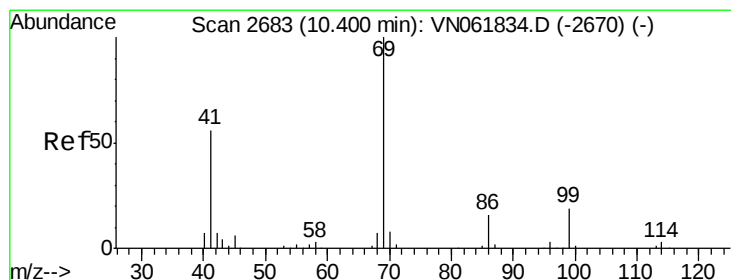
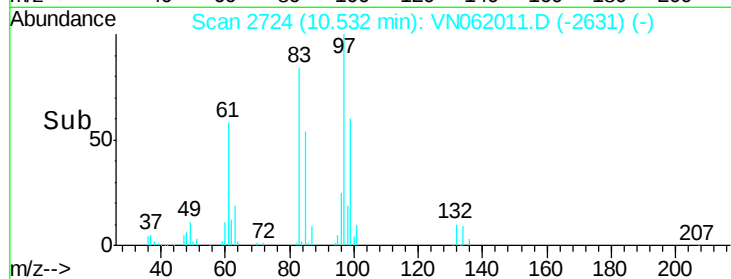
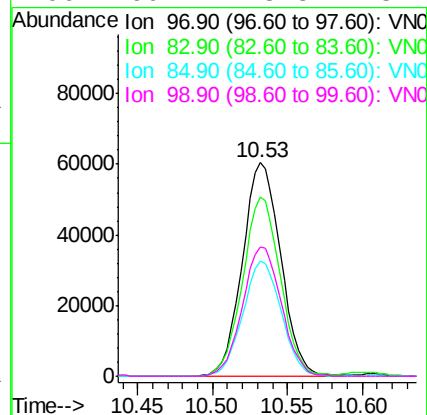
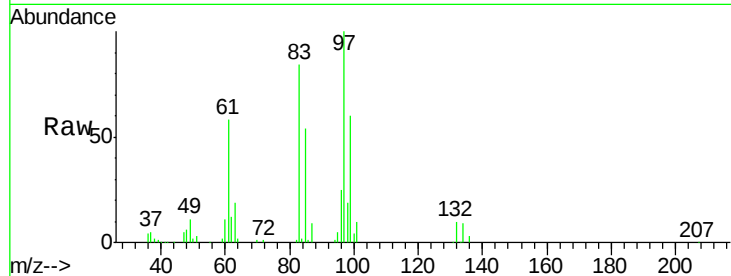
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	97	Resp:	107990
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.7	101.5
85	53.8	43.4	65.0
99	60.4	48.8	73.2

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#56

Ethyl methacrylate

Concen: 48.924 ug/l

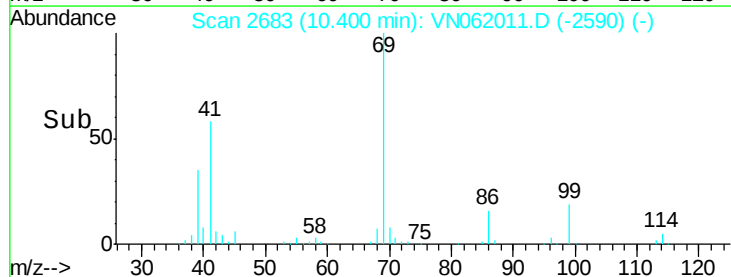
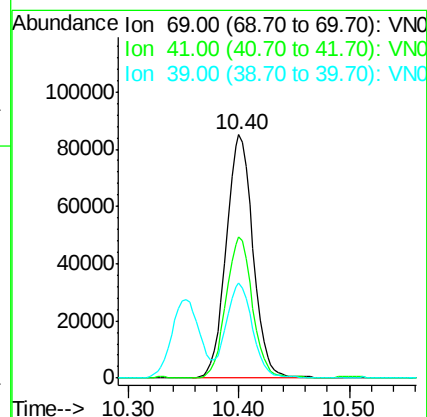
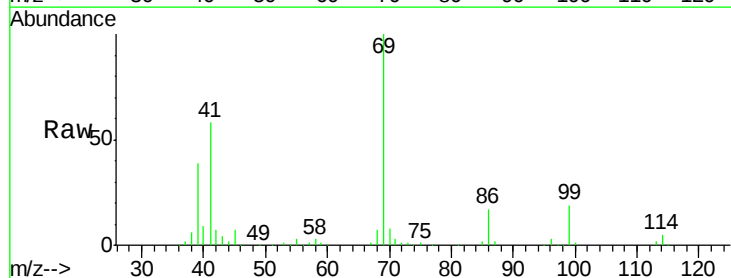
RT: 10.40 min Scan# 2683

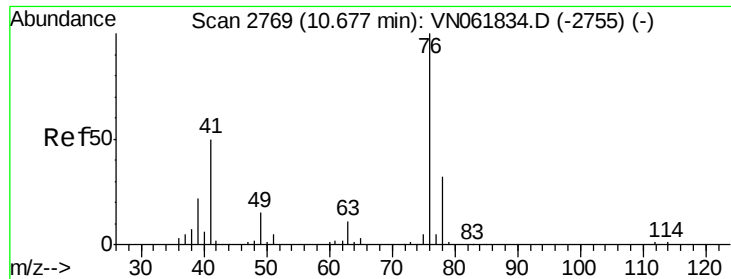
Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Tgt Ion:	69	Resp:	143625
Ion	Ratio	Lower	Upper
69	100		
41	56.5	44.9	67.3
39	37.6	30.0	45.0





#57

1,3-Dichloropropane

Concen: 54.306 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion: 76 Resp: 177059

Ion Ratio Lower Upper

76 100

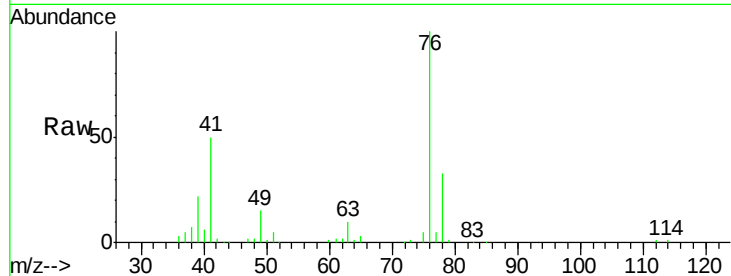
78 33.0 25.8 38.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN062011.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN062011.D (-2676) (-)

10.68

100000

80000

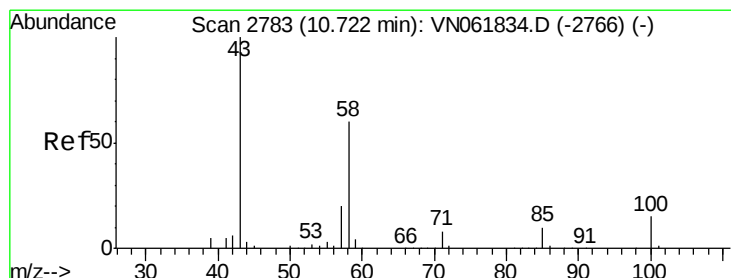
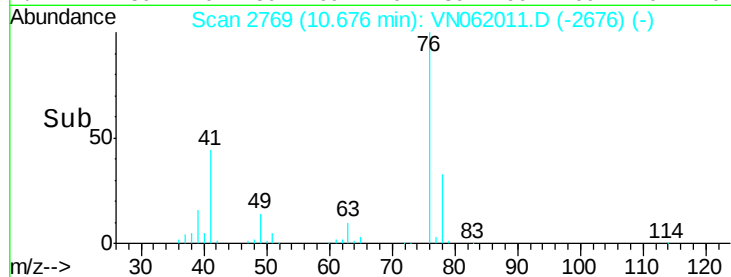
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 261.286 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN062011.D

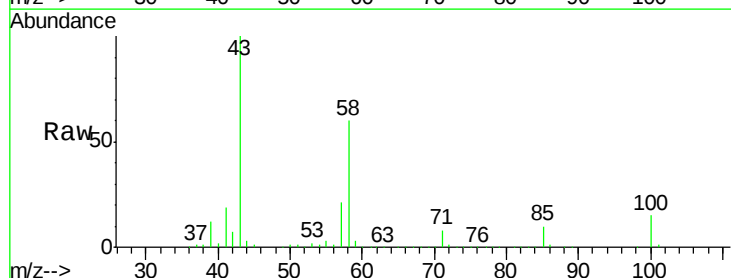
Acq: 22 Jun 2020 19:55

Tgt Ion: 43 Resp: 418405

Ion Ratio Lower Upper

43 100

58 60.1 30.1 90.5



Abundance Ion 43.00 (42.70 to 43.70): VN062011.D (-2690) (-)

Ion 58.00 (57.70 to 58.70): VN062011.D (-2690) (-)

10.72

250000

200000

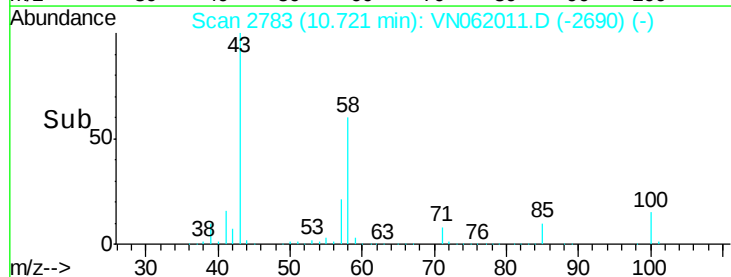
150000

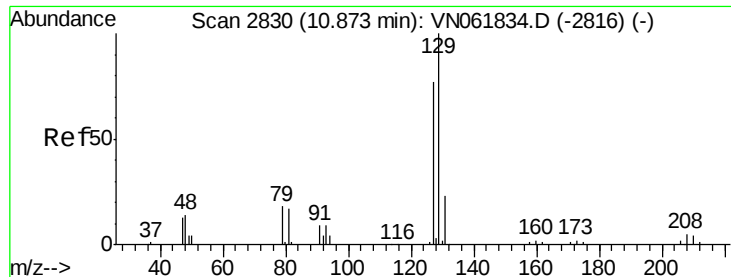
100000

50000

0

Time-->





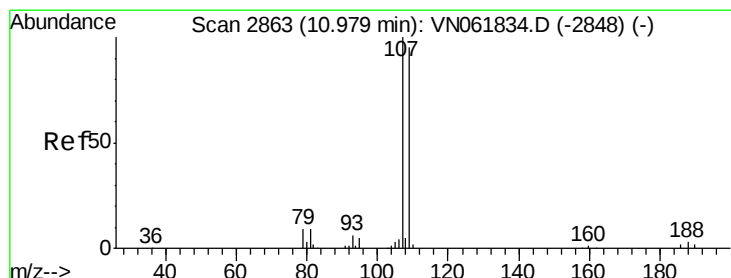
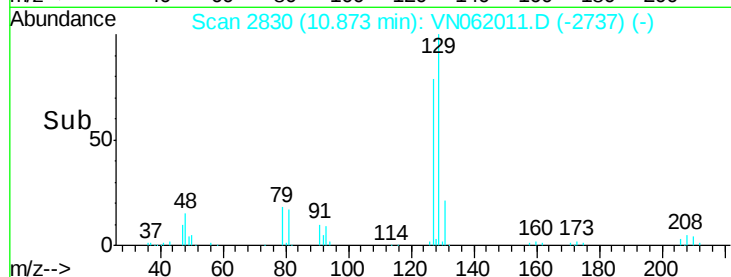
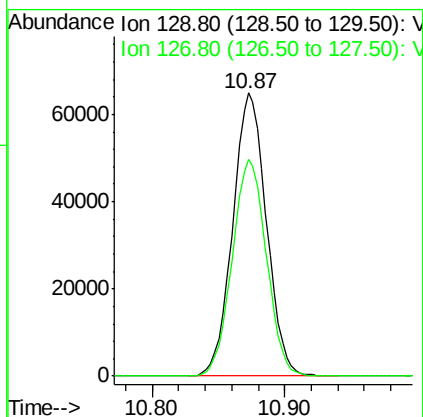
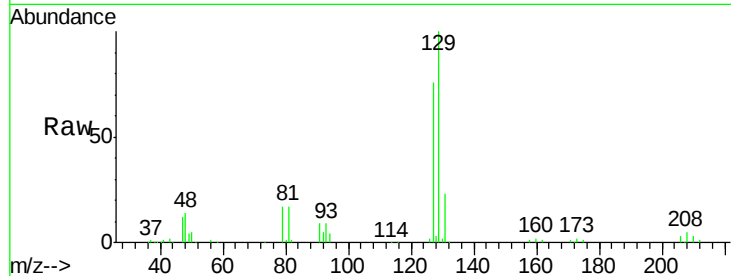
#60
Dibromochloromethane
Concen: 53.160 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.5	115.5

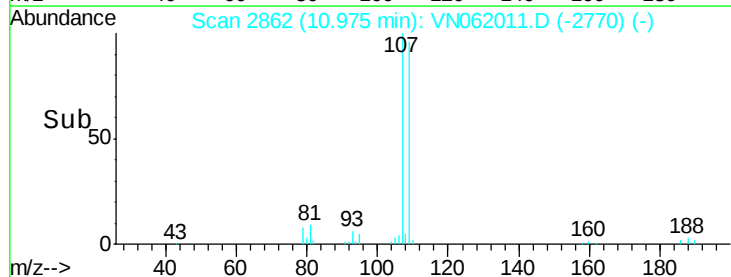
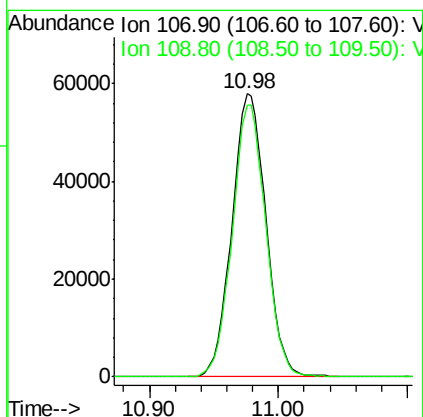
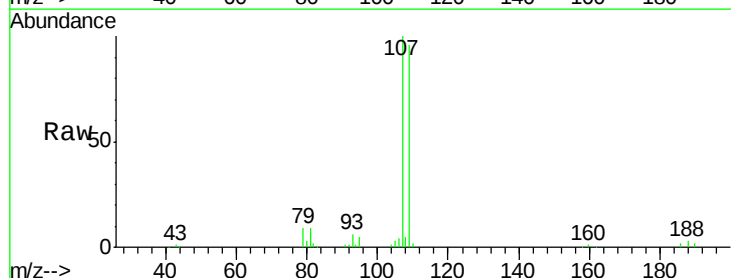
Manual Integrations
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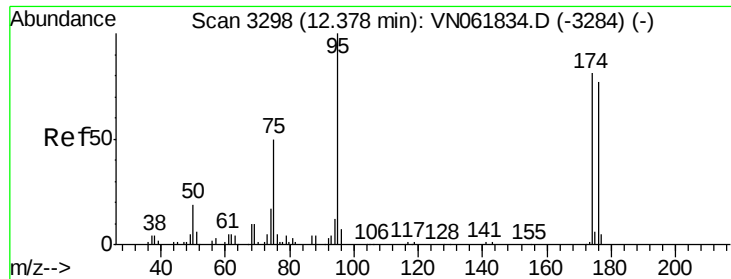
MMDadoda
6/23/2020 12:47:29 PM



#61
1,2-Dibromoethane
Concen: 52.652 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.0	112.6





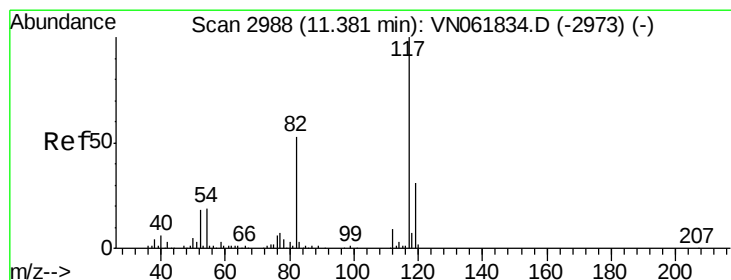
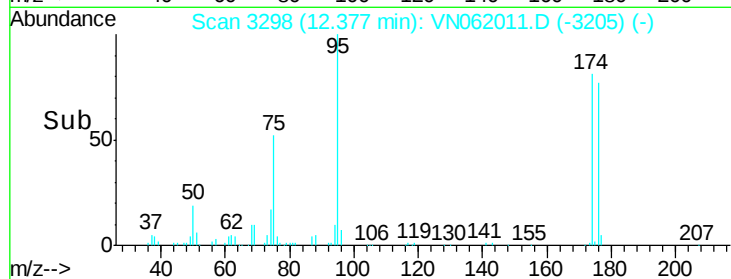
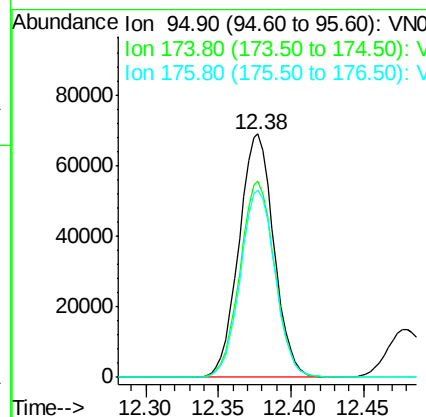
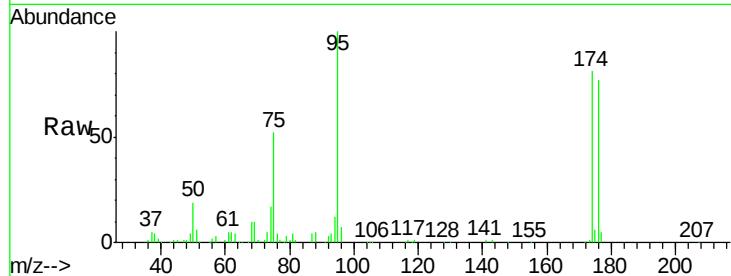
#62
4-Bromofluorobenzene
Concen: 47.322 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	115082		
174	80.5	0.0	158.6	
176	76.7	0.0	152.0	

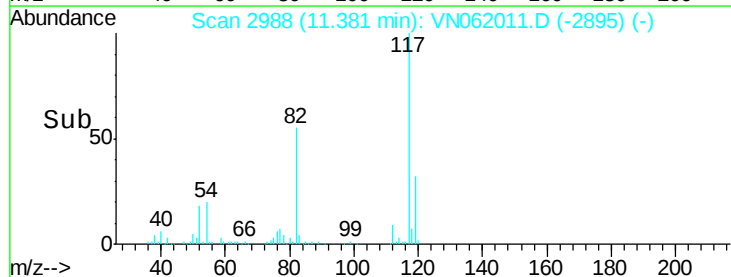
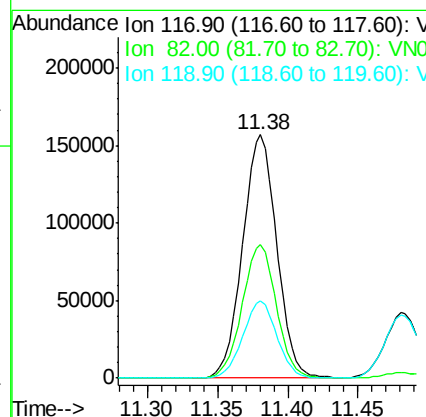
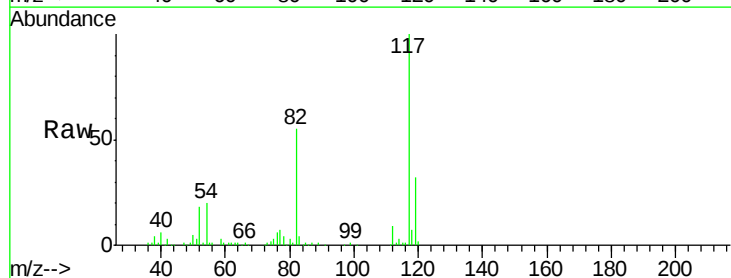
Manual Integrations
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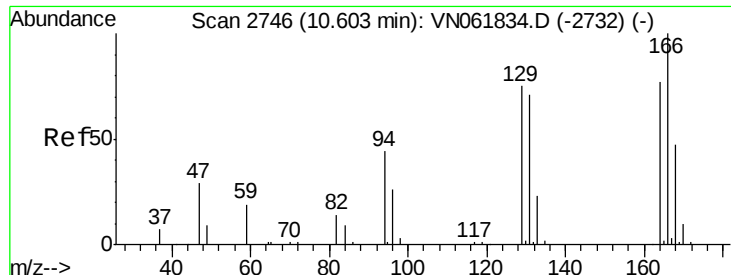
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	266715		
82	54.9	42.6	64.0	
119	31.8	24.7	37.1	





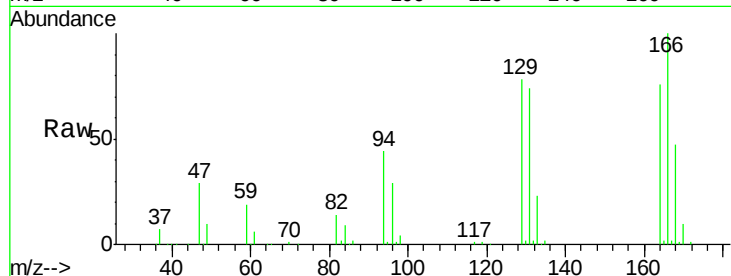
#64
Tetrachloroethene
Concen: 46.917 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

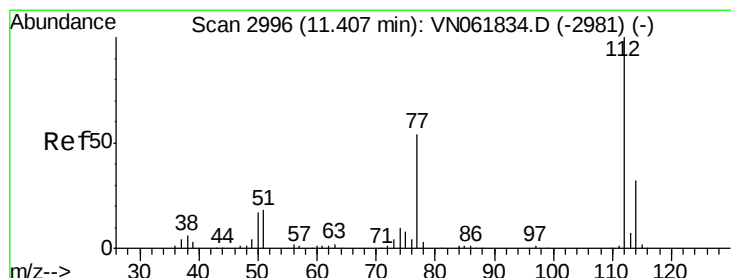
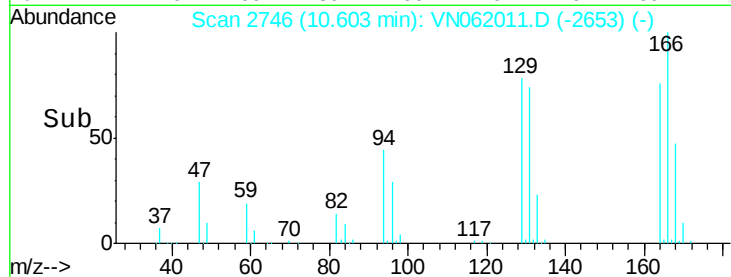
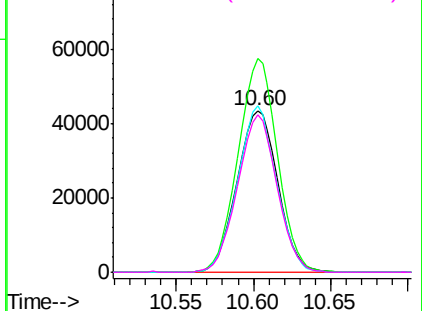
Tot Ion	Ratio	Lower	Upper
164	100		
166	132.0	103.5	155.3
129	103.0	77.5	116.3
131	97.0	73.8	110.8

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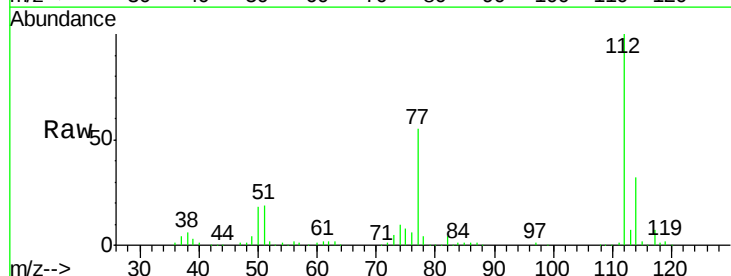


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

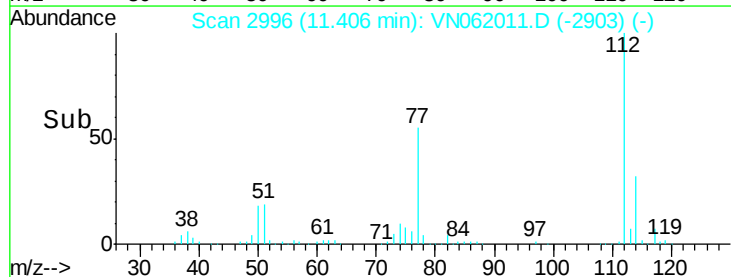
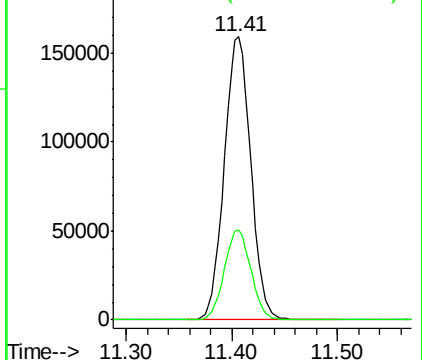


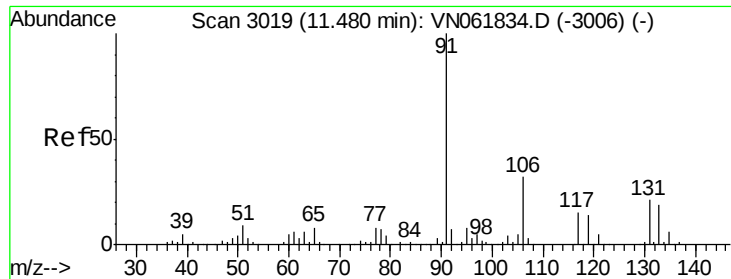
#65
Chlorobenzene
Concen: 49.068 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.8	38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





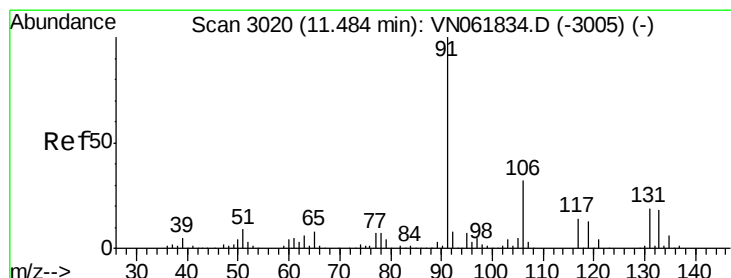
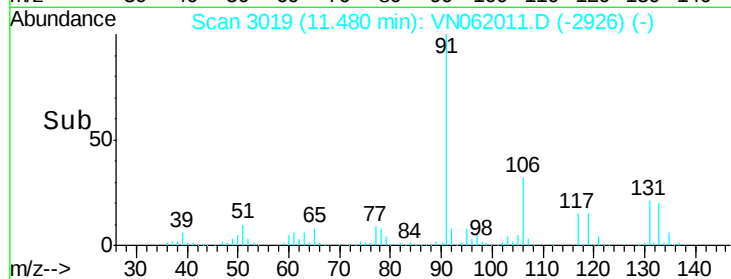
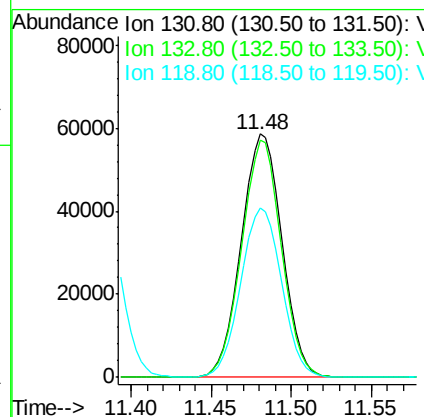
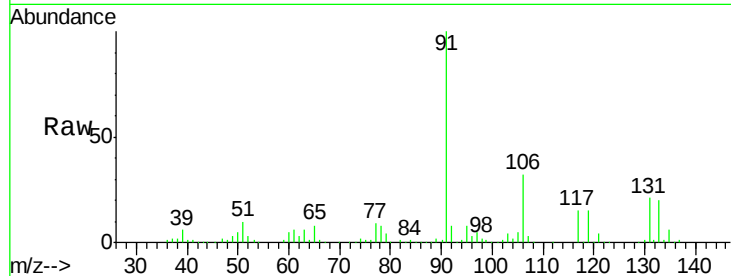
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.875 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.5	142.5
119	69.7	34.0	101.8

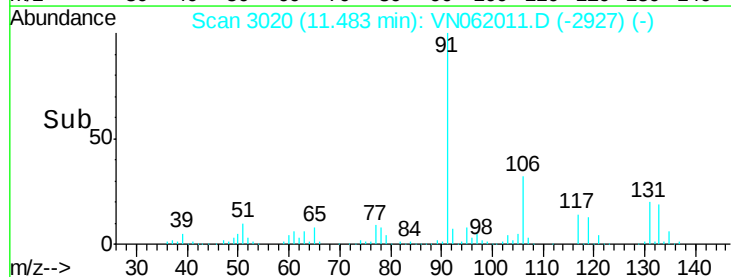
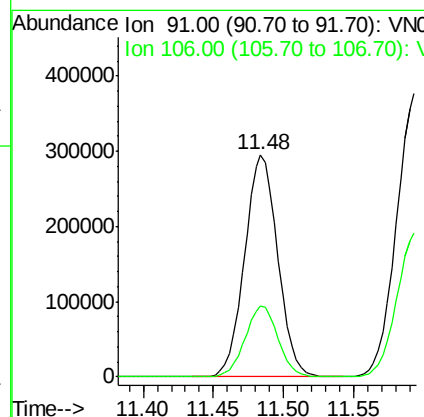
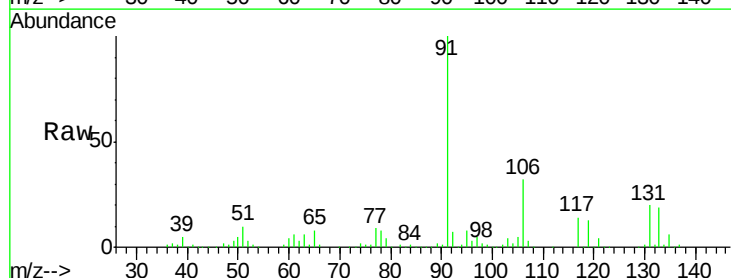
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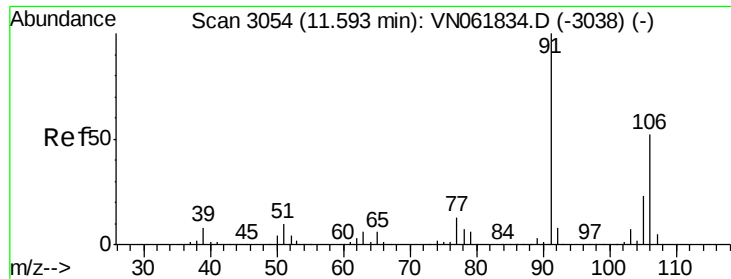
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#67
 Ethyl Benzene
 Concen: 51.486 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.4	38.2





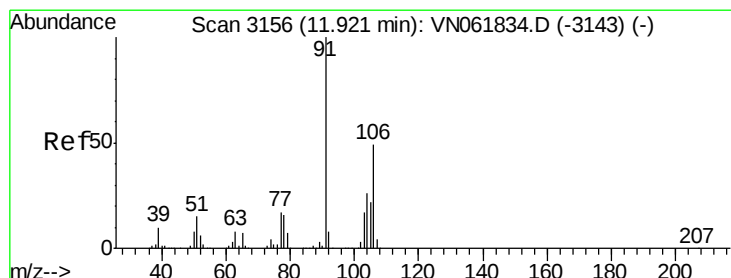
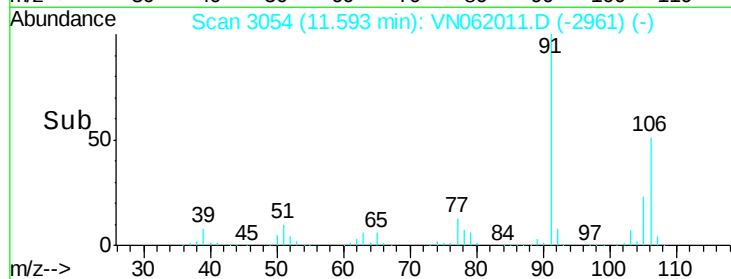
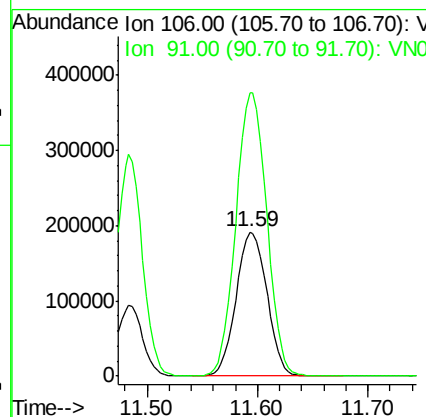
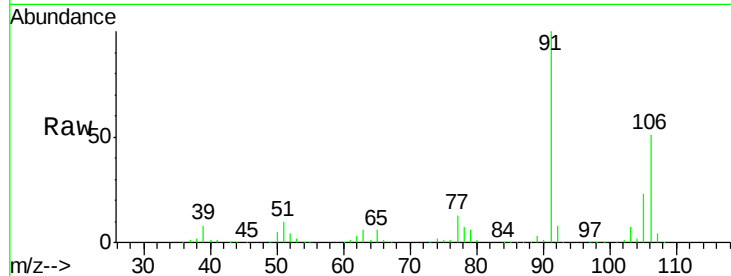
#68
m/p-Xylenes
Concen: 102.384 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion:106 Resp: 372524
Ion Ratio Lower Upper
106 100
91 196.5 157.0 235.6

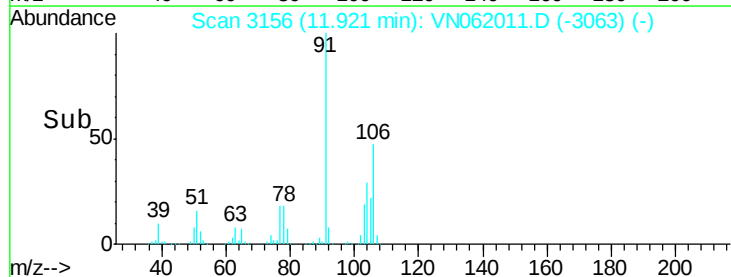
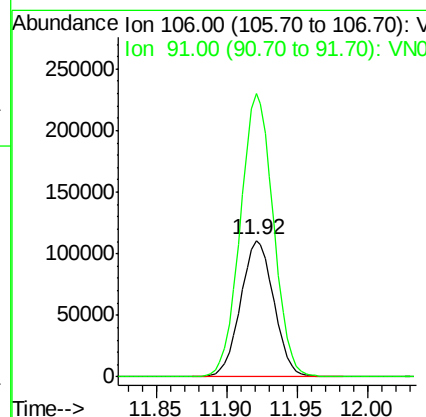
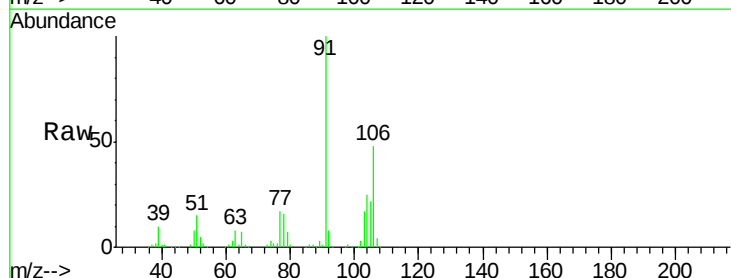
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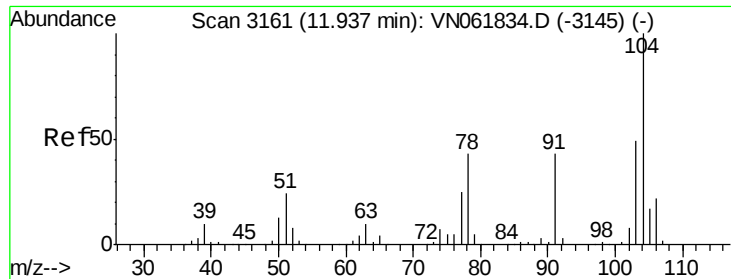
MMDadoda
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#69
o-Xylene
Concen: 52.762 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion:106 Resp: 183174
Ion Ratio Lower Upper
106 100
91 206.5 103.0 308.9





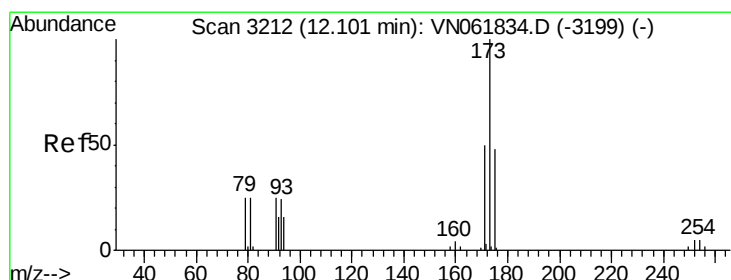
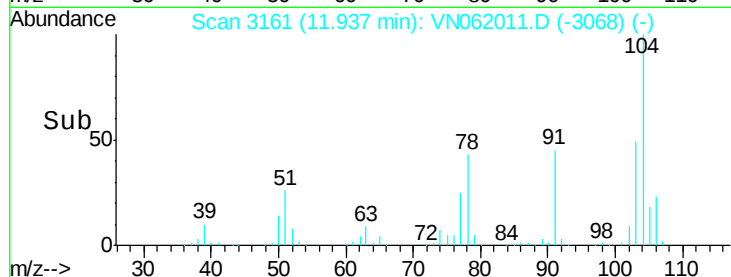
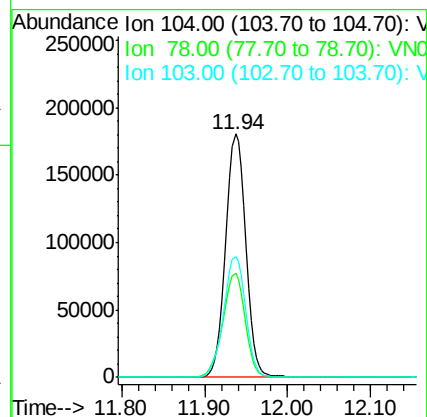
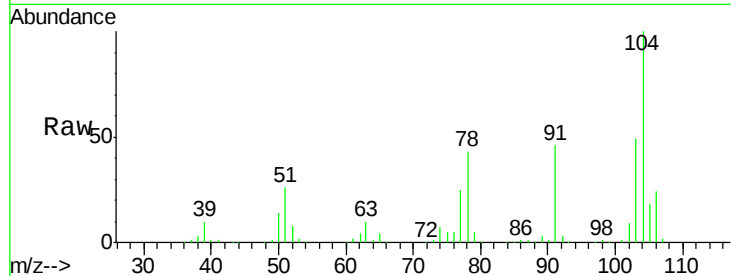
#70
Stvrene
Concen: 52.369 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		304420		
78	47.2	37.6	56.4		
103	53.7	43.0	64.4		

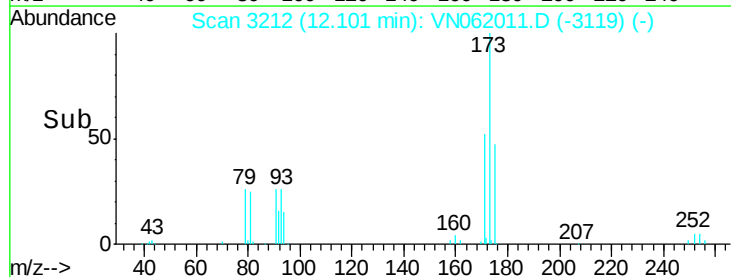
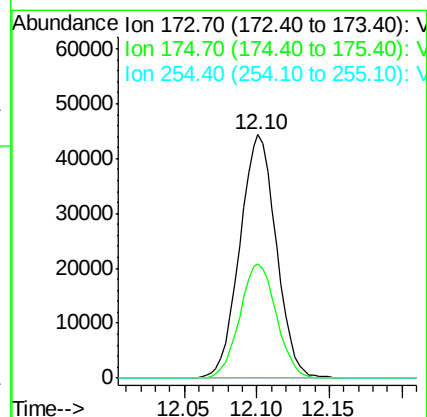
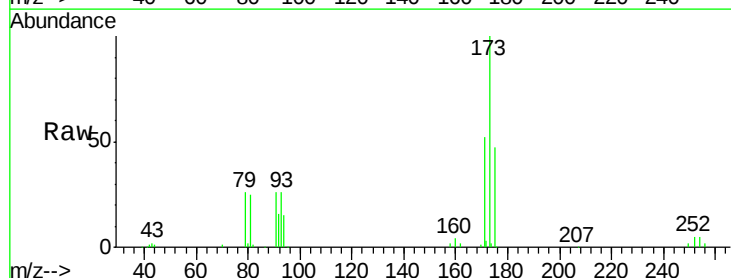
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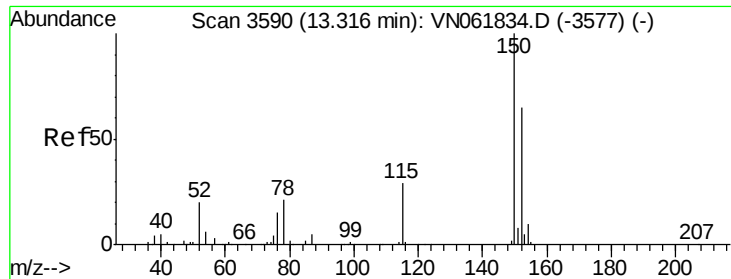
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#71
Bromoform
Concen: 53.886 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
173	100		77120		
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# 3591

Delta R.T. 0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion:152 Resp: 127166

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

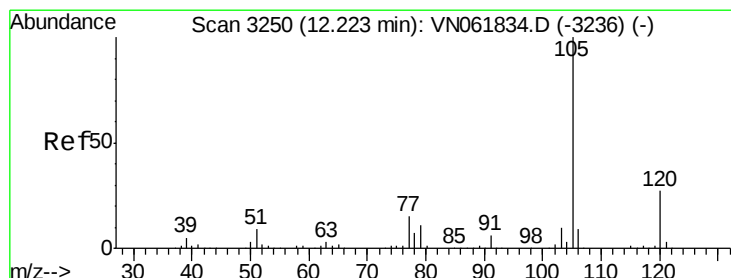
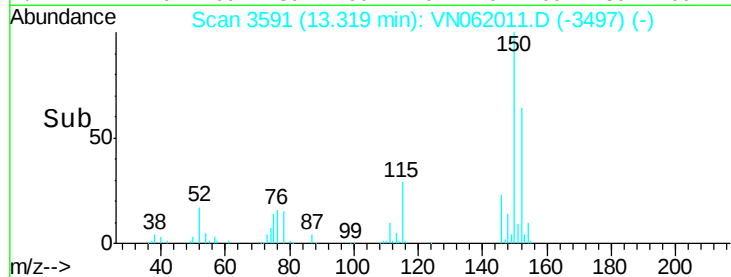
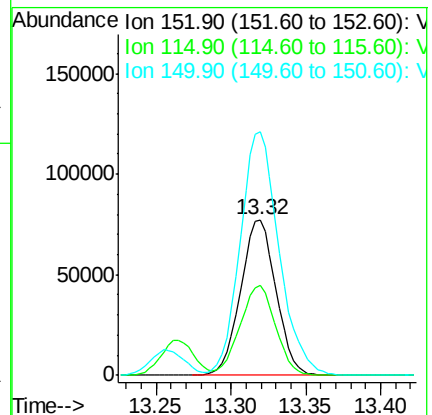
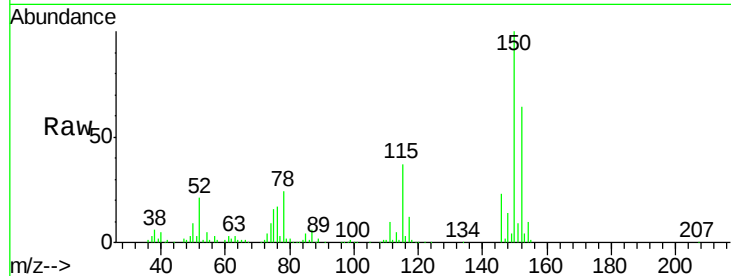
150 171.8 0.0 347.6

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#73

Isopropylbenzene

Concen: 51.445 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062011.D

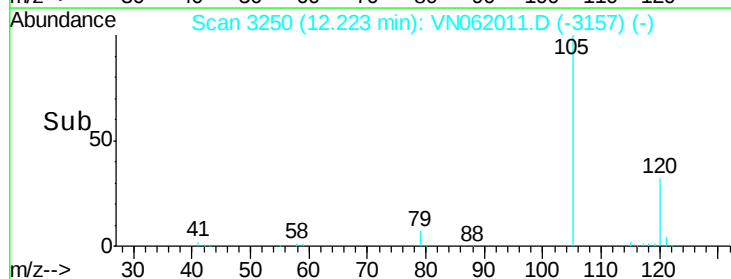
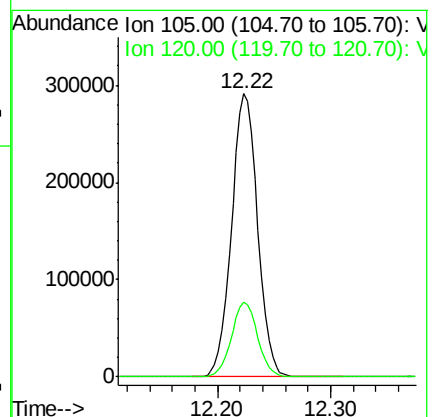
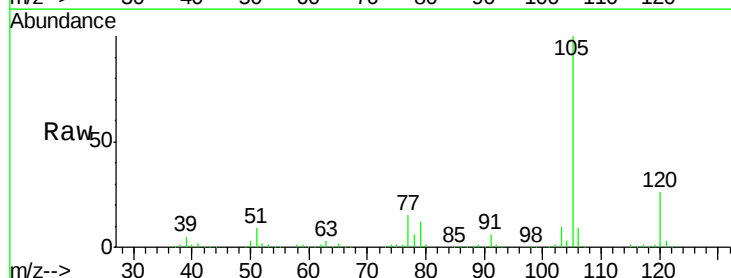
Acq: 22 Jun 2020 19:55

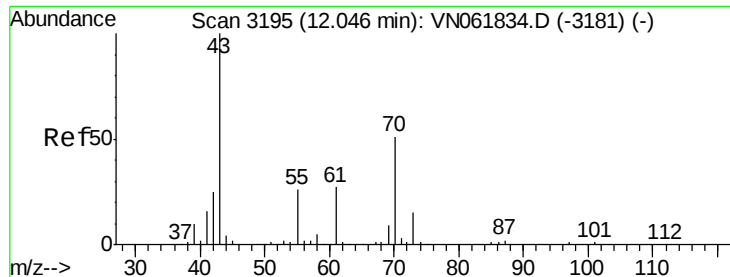
Tgt Ion:105 Resp: 464890

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8





#74

N-amyl acetate

Concen: 24.110 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

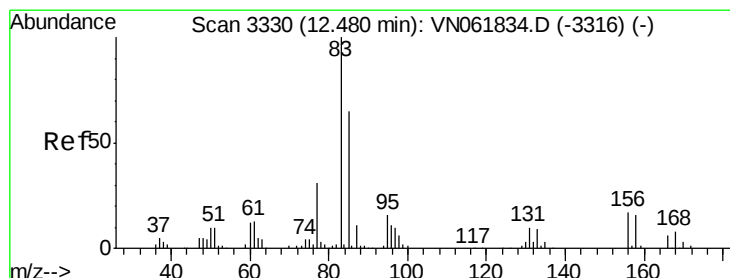
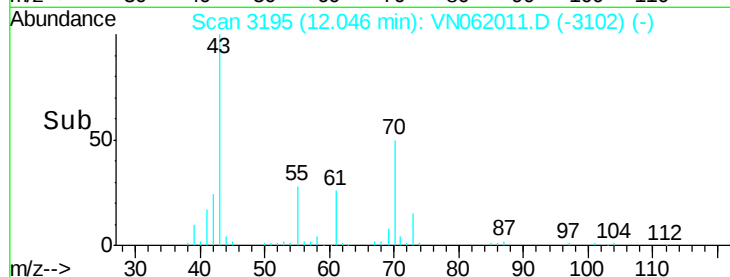
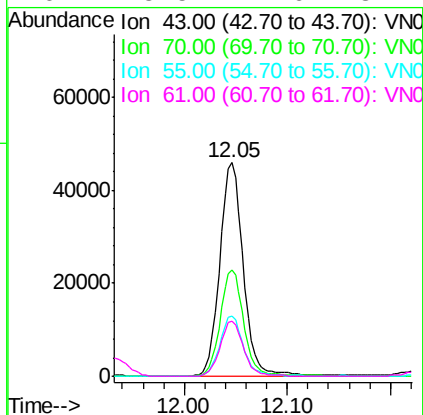
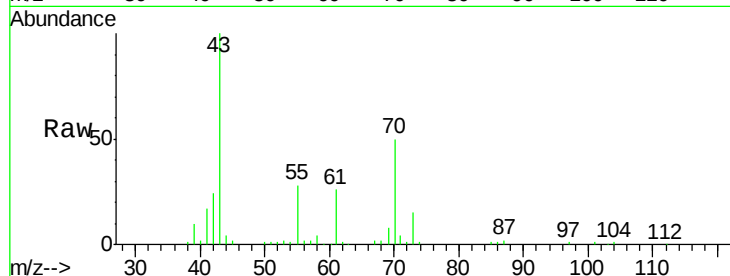
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	43	Resp:	73369
Ion	Ratio	Lower	Upper
43	100		
70	49.5	40.6	60.8
55	27.8	21.5	32.3
61	25.5	21.6	32.4

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 52.398 ug/l

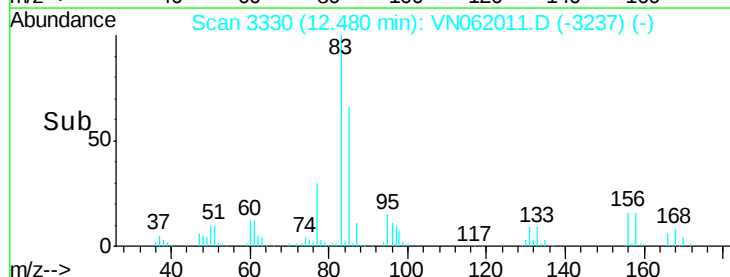
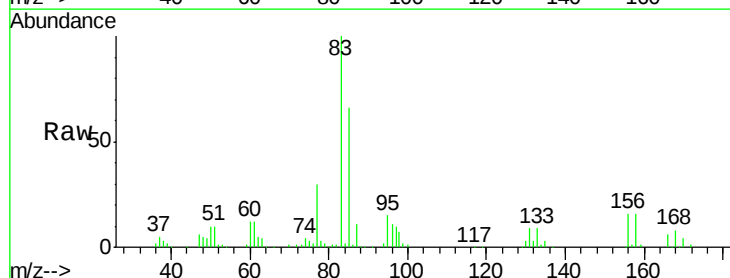
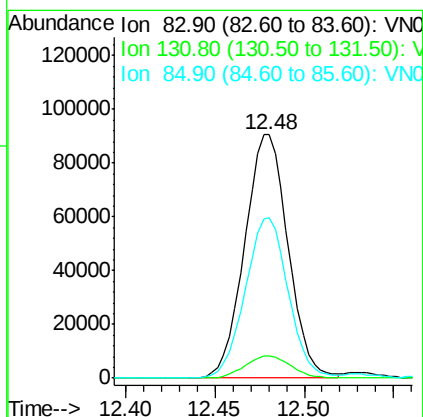
RT: 12.48 min Scan# 3330

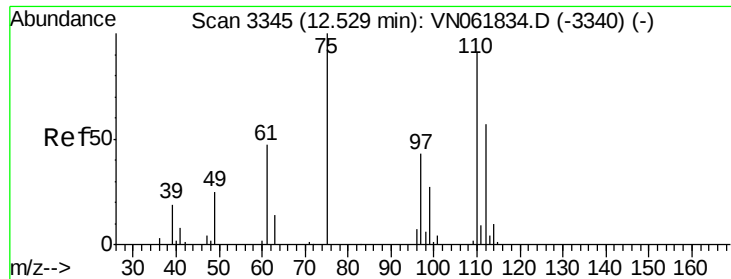
Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Tgt Ion:	83	Resp:	153946
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	15.0
85	65.0	32.4	97.2





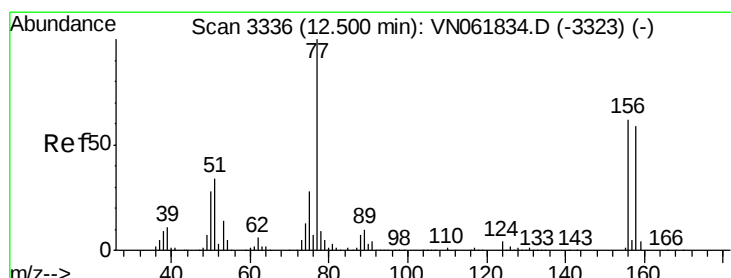
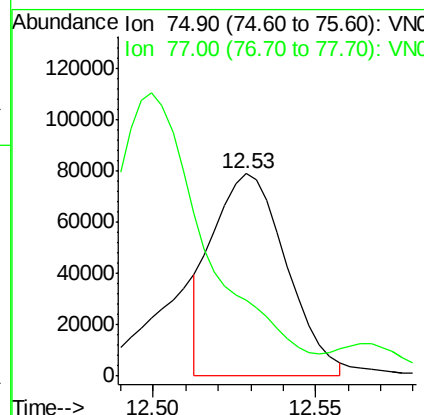
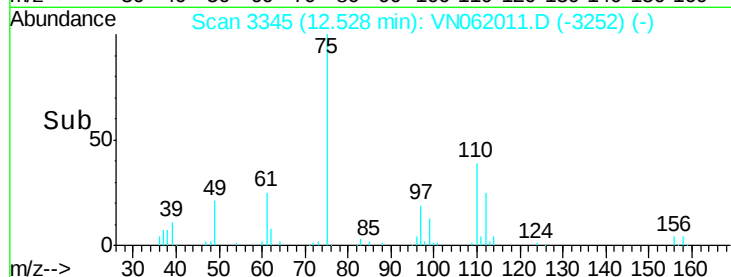
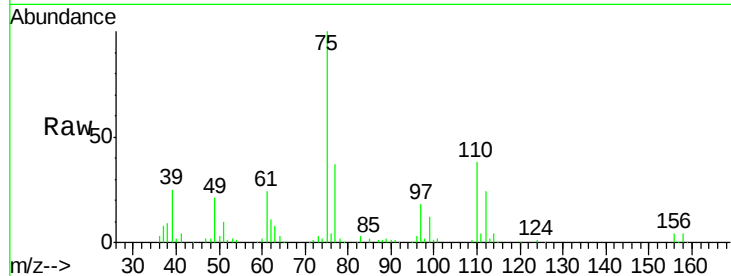
#76
 1,2,3-Trichloropropane
 Concen: 49.630 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

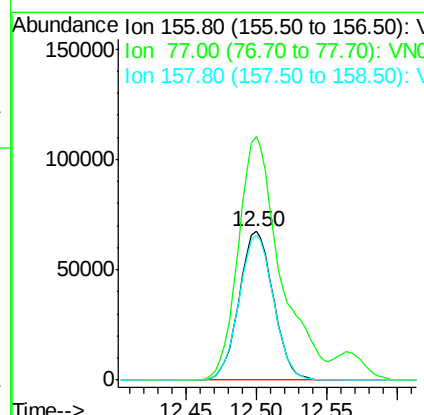
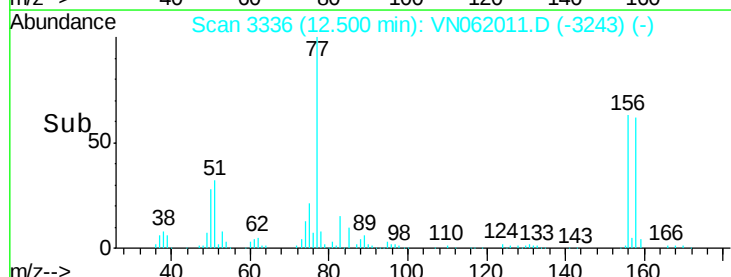
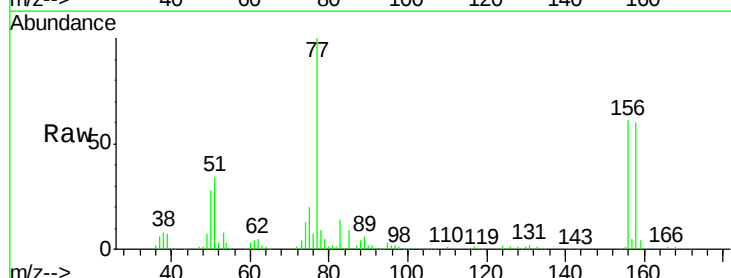
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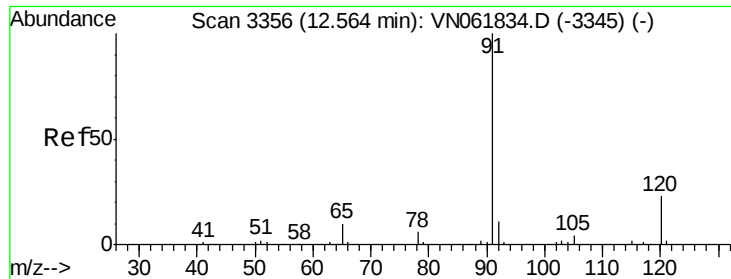
MMDadoda
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#77
 Bromobenzene
 Concen: 50.363 ug/l
 RT: 12.50 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
156	100		
77	201.3	100.7	302.1
158	98.5	48.5	145.5





#78

n-propylbenzene

Concen: 49.827 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion: 91 Resp: 513773

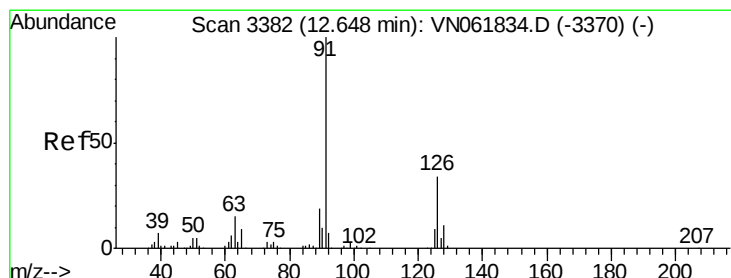
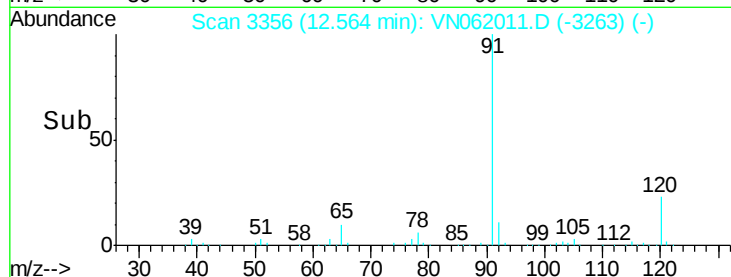
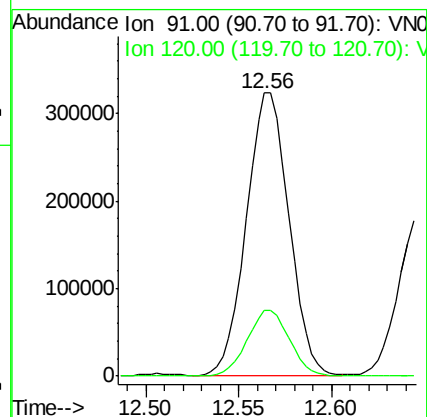
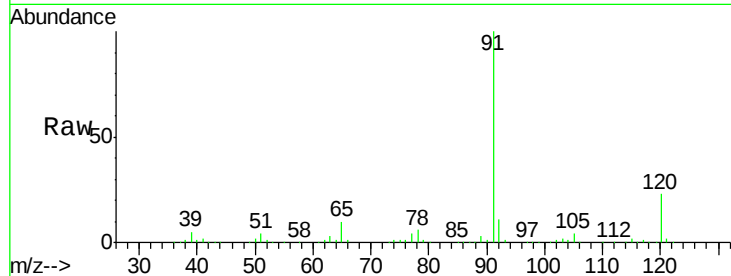
Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8

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#79

2-Chlorotoluene

Concen: 51.482 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062011.D

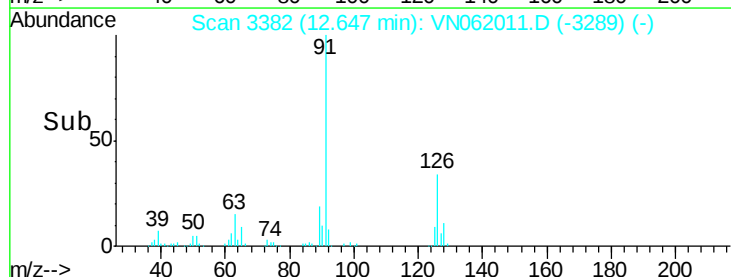
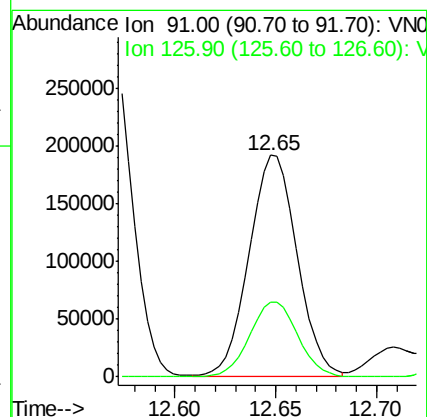
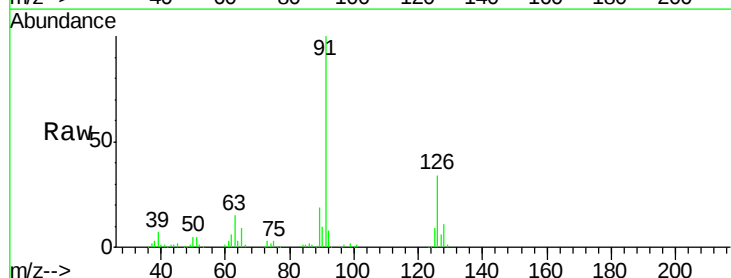
Acq: 22 Jun 2020 19:55

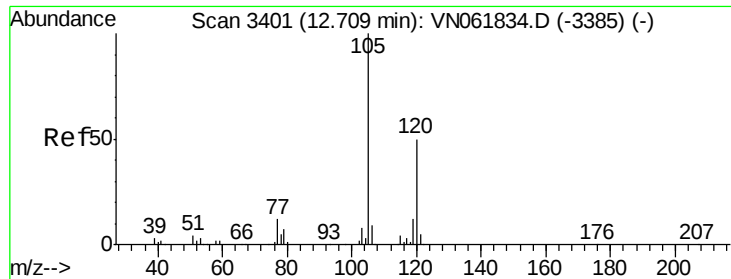
Tgt Ion: 91 Resp: 318815

Ion Ratio Lower Upper

91 100

126 34.0 17.3 51.7





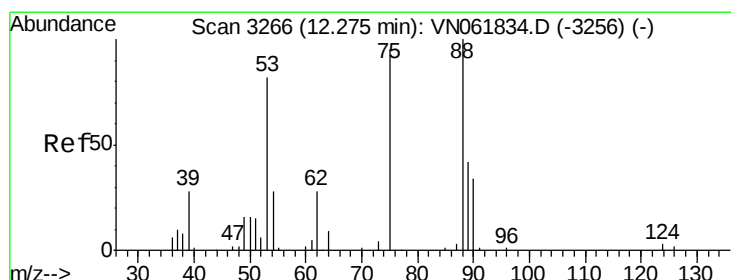
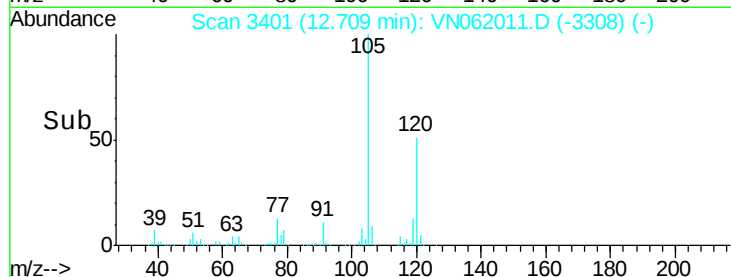
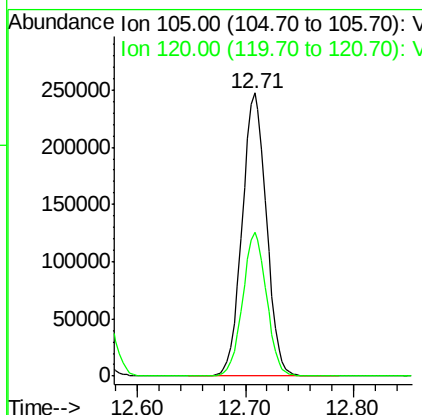
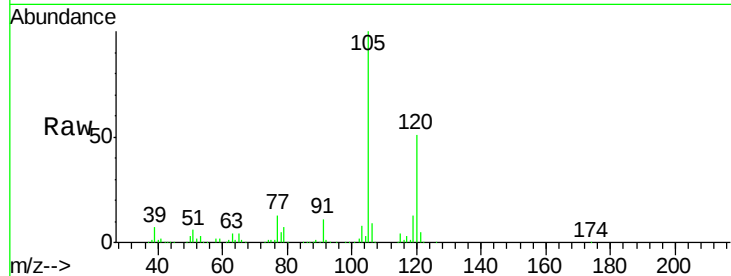
#80
 1,3,5-Trimethylbenzene
 Concen: 51.858 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion:105 Resp: 387699
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.7

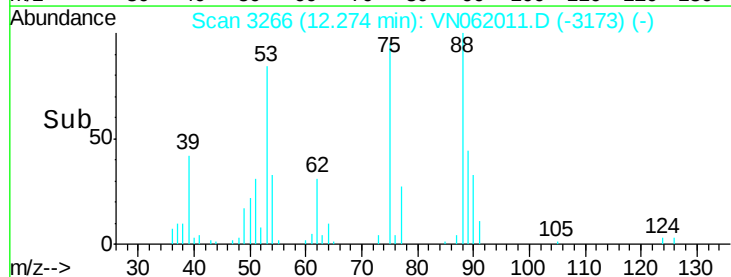
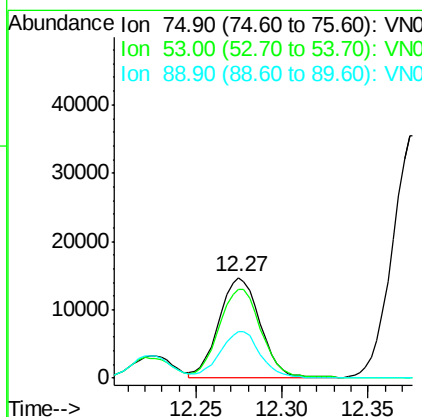
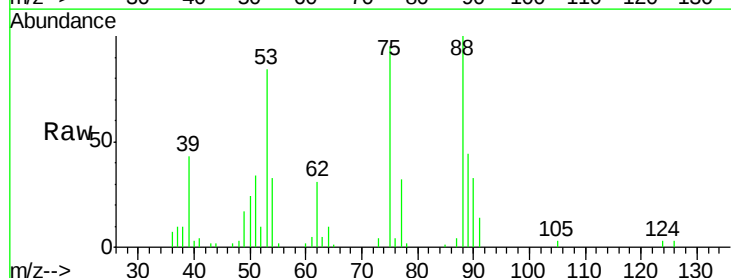
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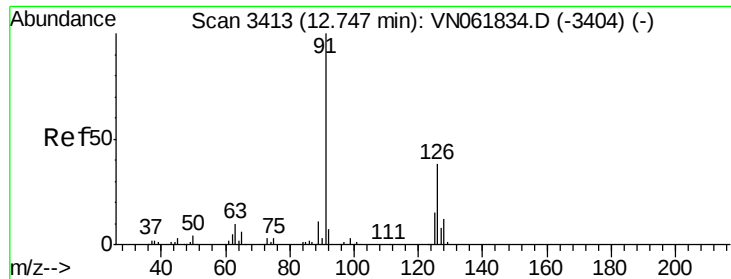
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 27.048 ug/l
 RT: 12.27 min Scan# 3266
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion: 75 Resp: 24759
 Ion Ratio Lower Upper
 75 100
 53 90.9 70.4 105.6
 89 44.7 36.0 54.0





#82

4-Chlorotoluene

Concen: 50.760 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion: 91 Resp: 324816

Ion Ratio Lower Upper

91 100

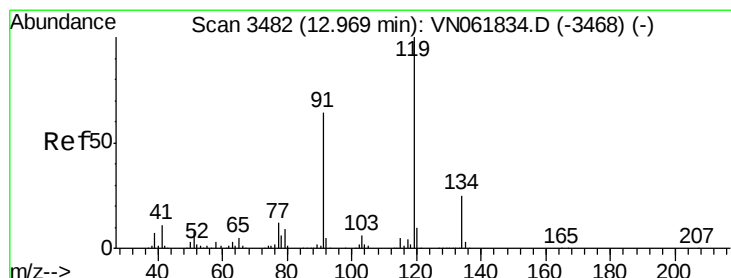
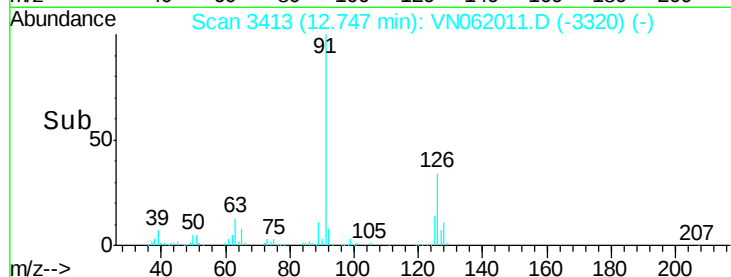
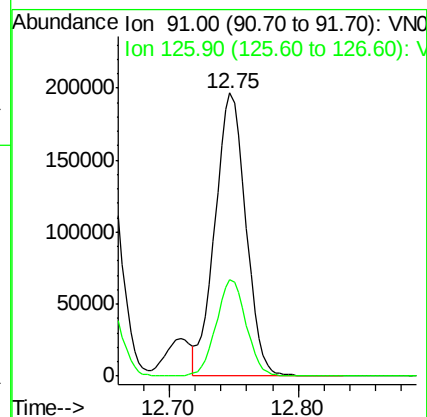
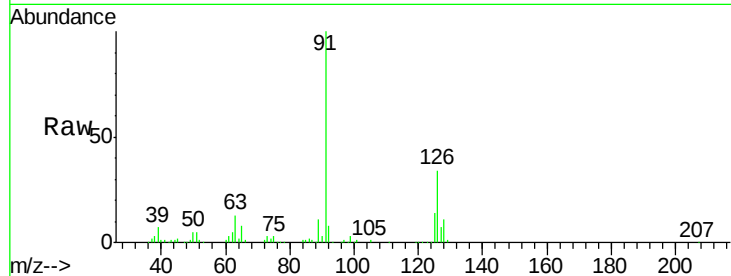
126 33.4 17.2 51.6

Manual Integrations

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#83

tert-Butylbenzene

Concen: 52.152 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

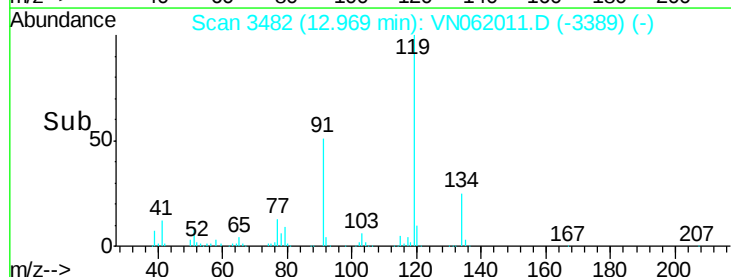
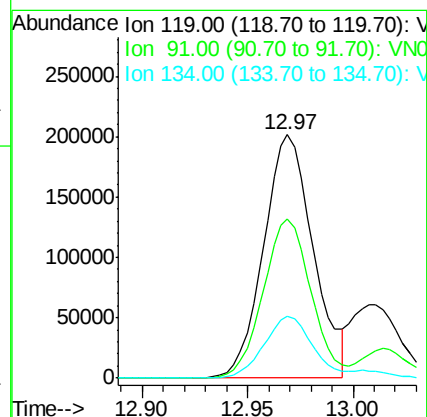
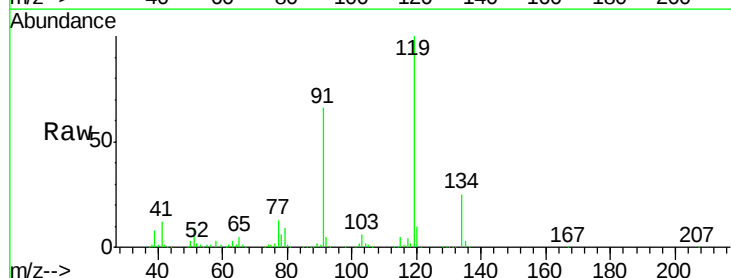
Tgt Ion: 119 Resp: 330541

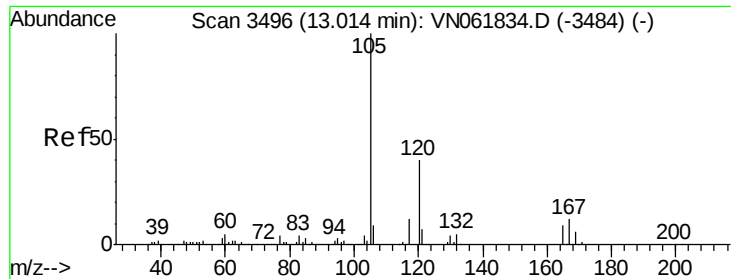
Ion Ratio Lower Upper

119 100

91 63.3 31.5 94.5

134 24.8 13.3 39.9





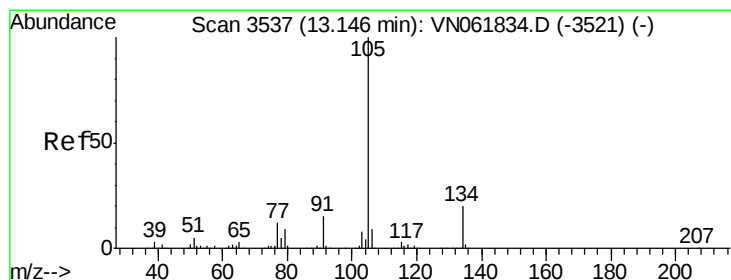
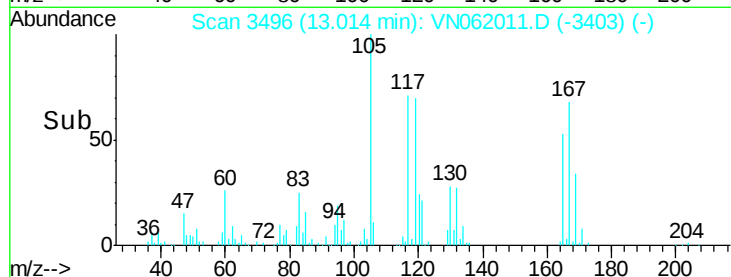
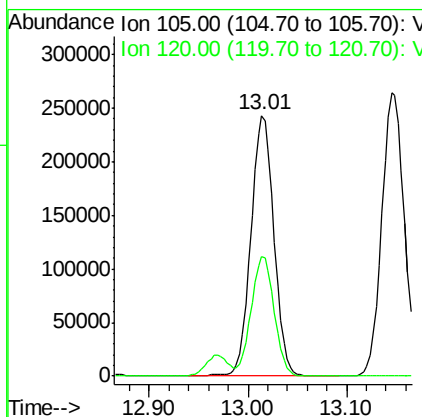
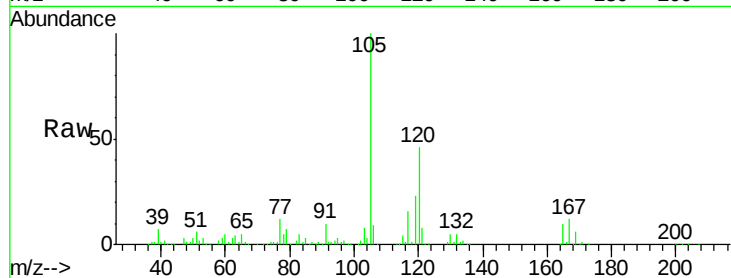
#84
1,2,4-Trimethylbenzene
Concen: 52.852 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.3	69.9

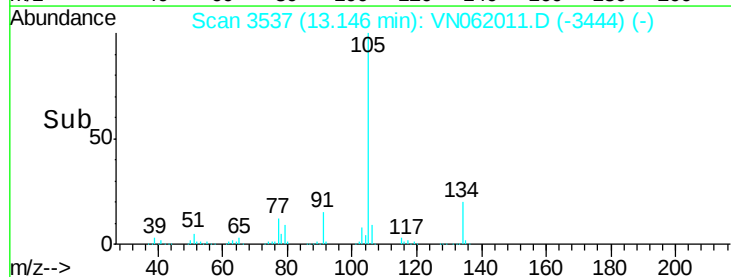
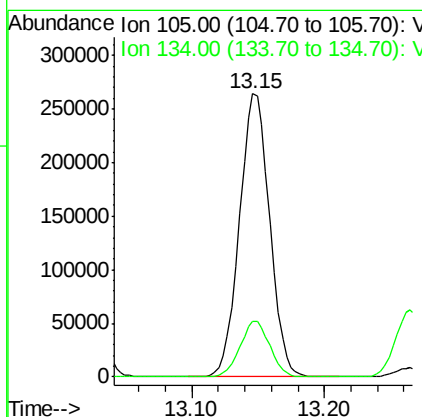
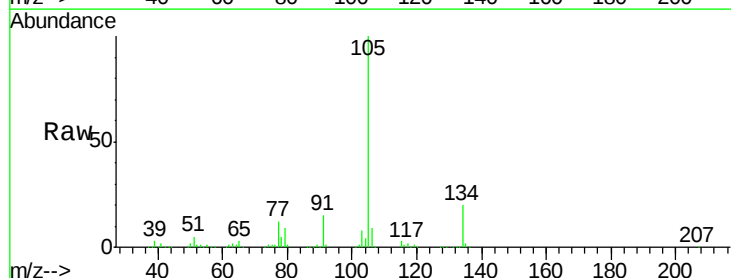
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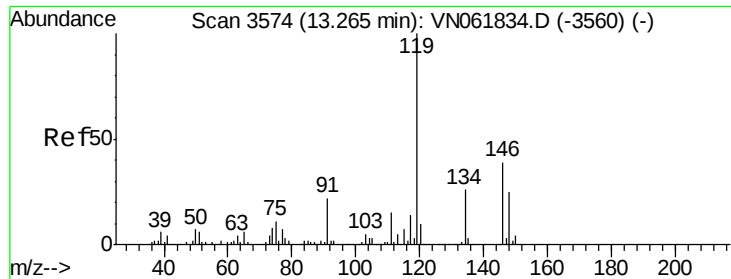
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#85
sec-Butylbenzene
Concen: 50.204 ug/l
RT: 13.15 min Scan# 3537
Delta R.T. -0.00 min
Lab File: VN062011.D
Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.1	30.1





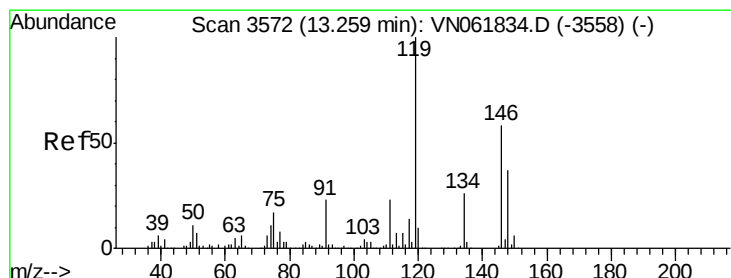
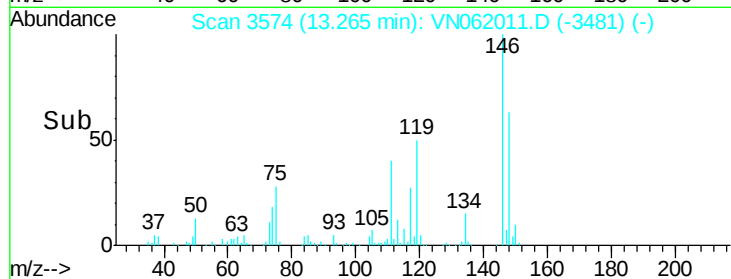
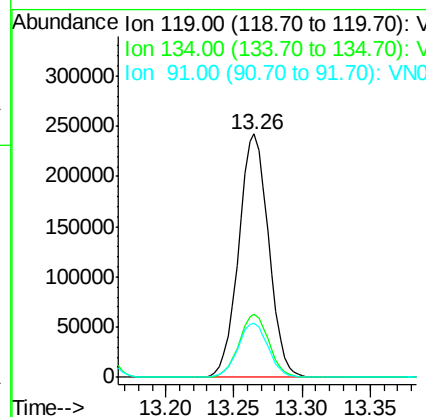
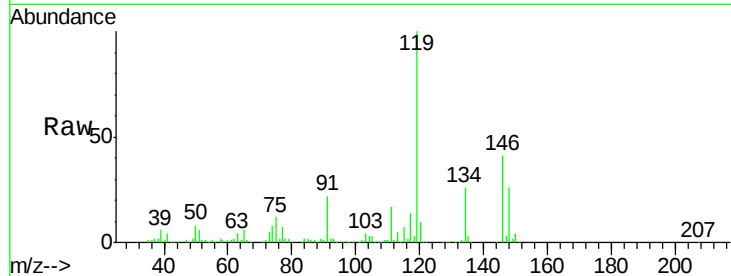
#86
 p-Isopropyltoluene
 Concen: 49.776 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	367959		
134	25.9		13.3	39.9
91	22.6		11.2	33.6

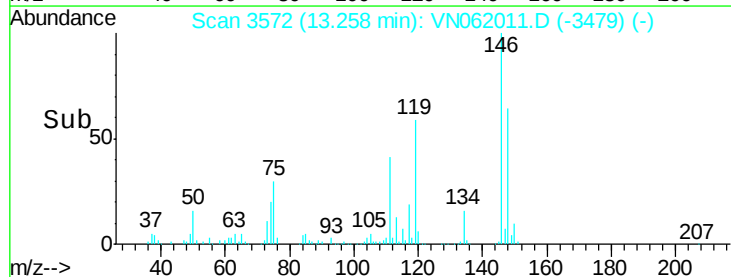
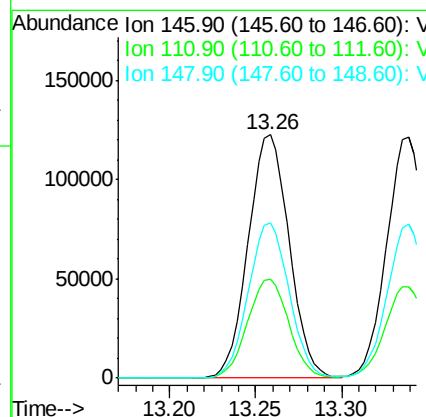
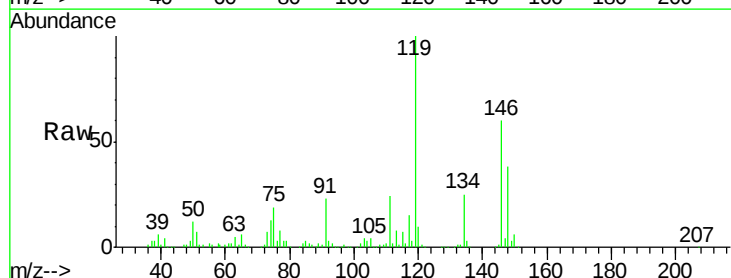
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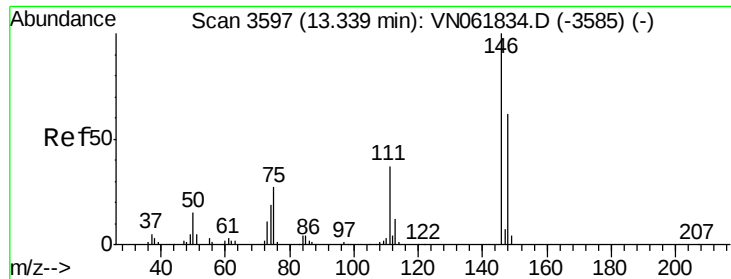
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#87
 1,3-Dichlorobenzene
 Concen: 48.923 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	203425		
111	40.9		19.6	58.8
148	63.6		31.8	95.4





#88

1,4-Dichlorobenzene

Concen: 47.062 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

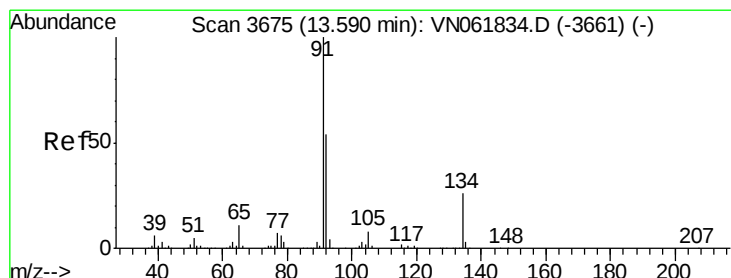
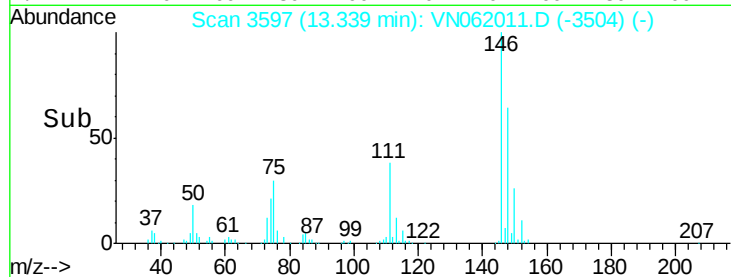
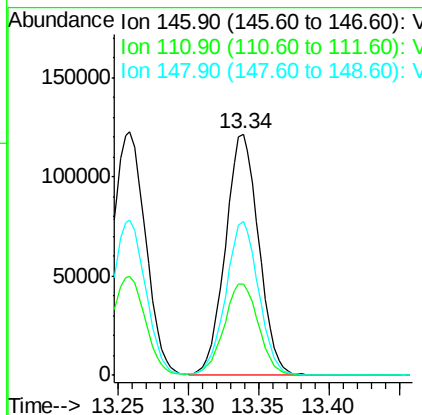
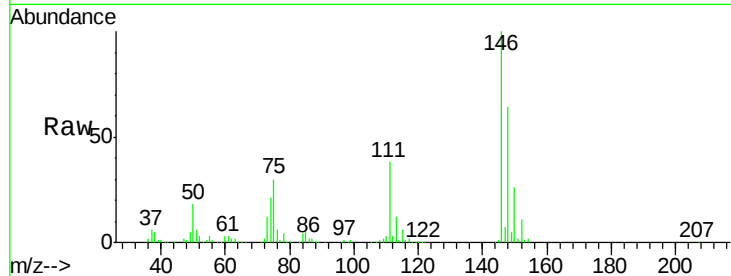
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	146	Resp:	200308
Ion Ratio		Lower	Upper
146	100		
111	39.5	19.3	57.8
148	63.5	31.6	94.7

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#89

n-Butylbenzene

Concen: 42.977 ug/l

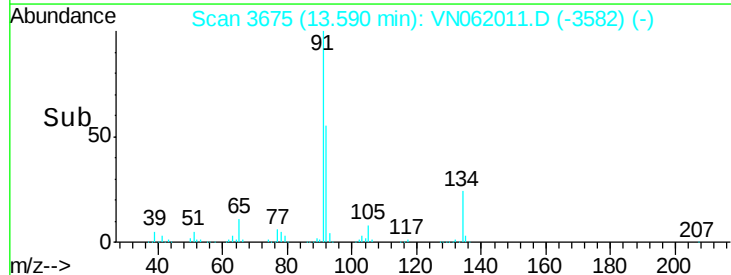
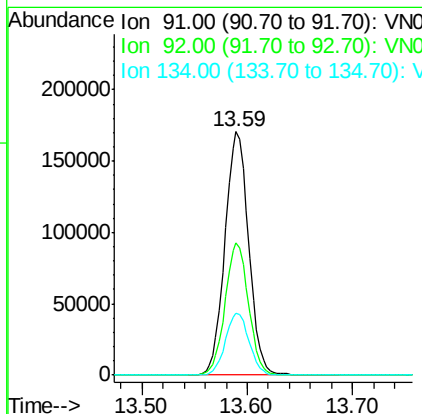
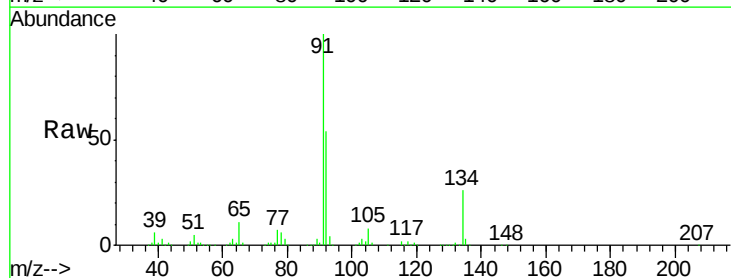
RT: 13.59 min Scan# 3675

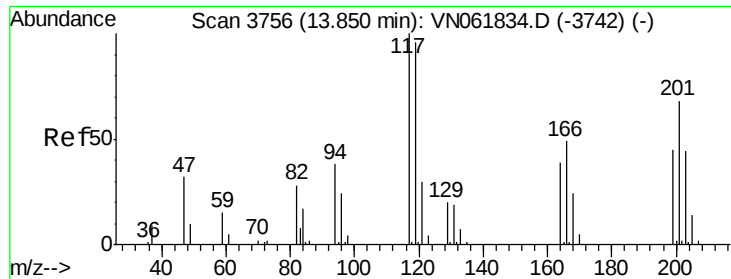
Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Tgt Ion:	91	Resp:	265320
Ion Ratio		Lower	Upper
91	100		
92	53.5	27.0	80.8
134	25.5	13.0	39.0





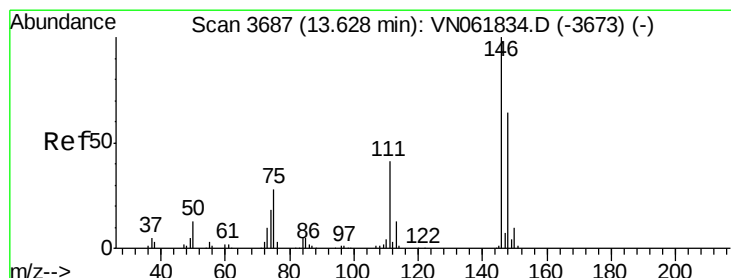
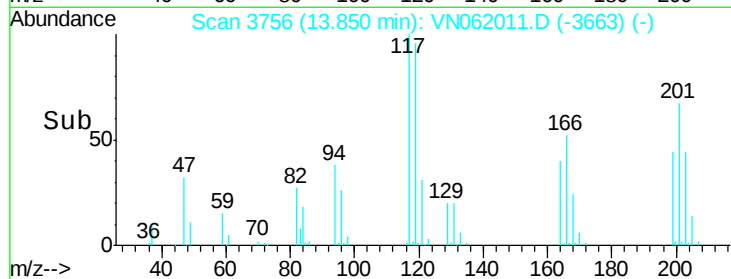
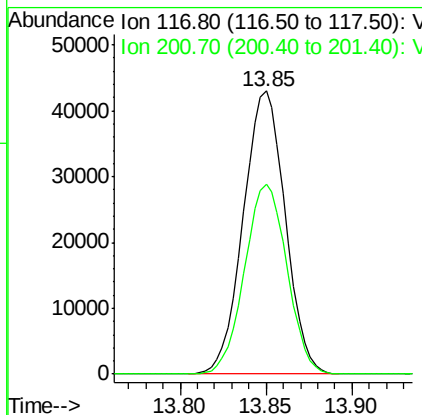
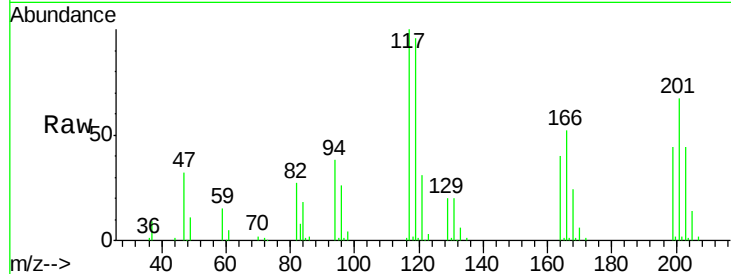
#90
 Hexachloroethane
 Concen: 53.809 ug/l
 RT: 13.85 min Scan# 3756
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Tot Ion:117 Resp: 72812
 Ion Ratio Lower Upper
 117 100
 201 67.7 34.6 103.8

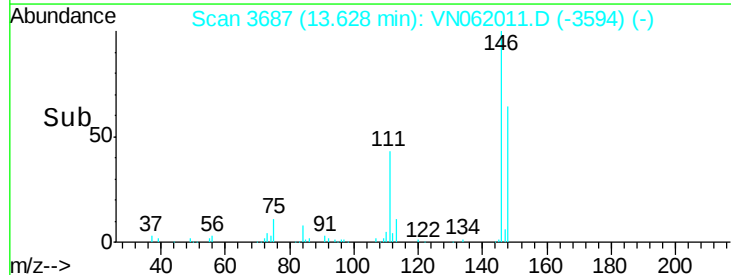
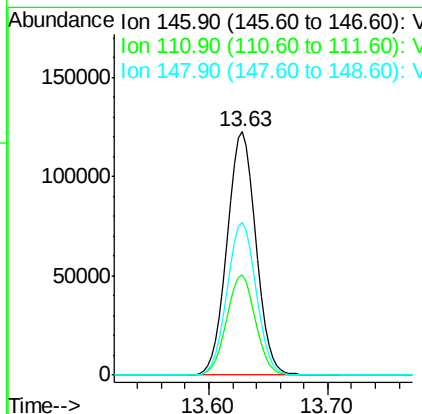
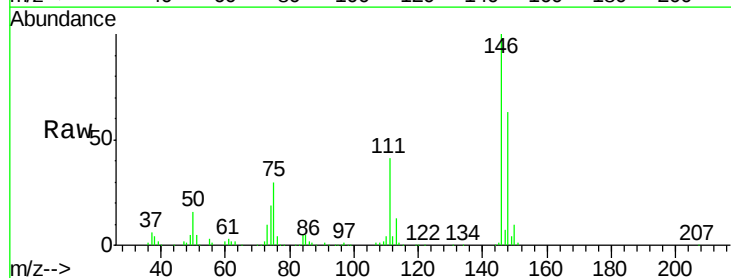
Manual Integrations
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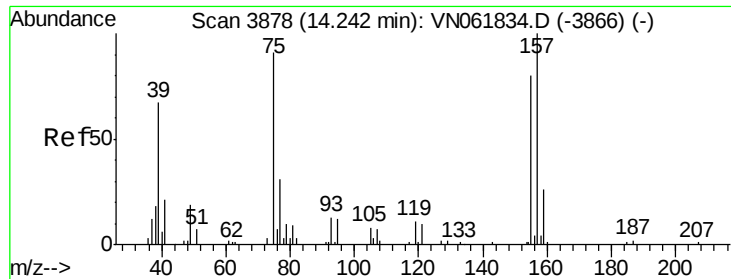
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#91
 1,2-Dichlorobenzene
 Concen: 51.632 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tgt Ion:146 Resp: 206680
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.2
 148 63.1 31.8 95.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 55.977 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

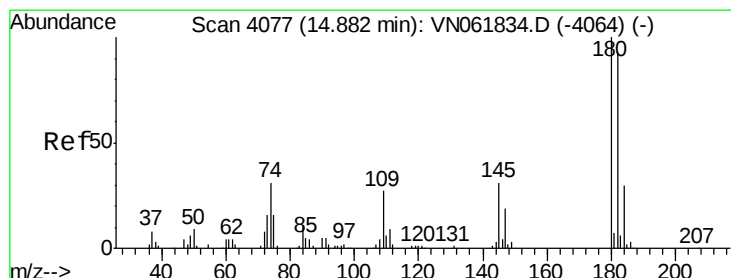
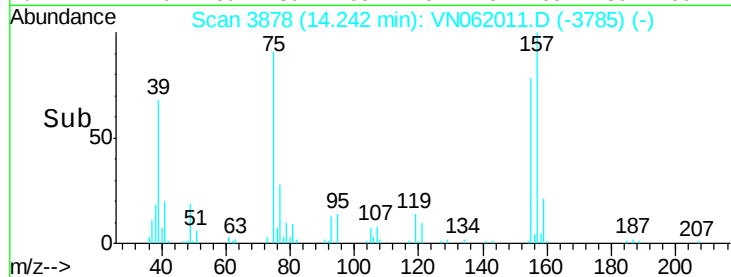
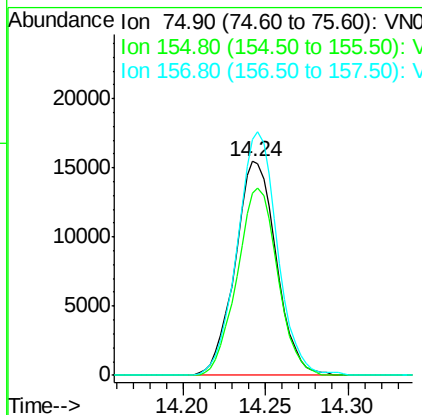
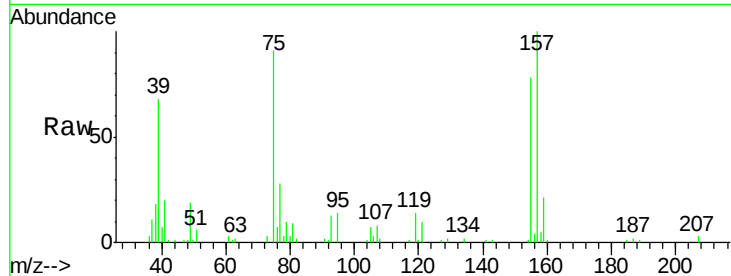
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	75	Resp:	26699
Ion	Ratio	Lower	Upper
75	100		
155	85.7	44.4	133.2
157	110.8	57.0	171.2

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#93

1,2,4-Trichlorobenzene

Concen: 44.403 ug/l

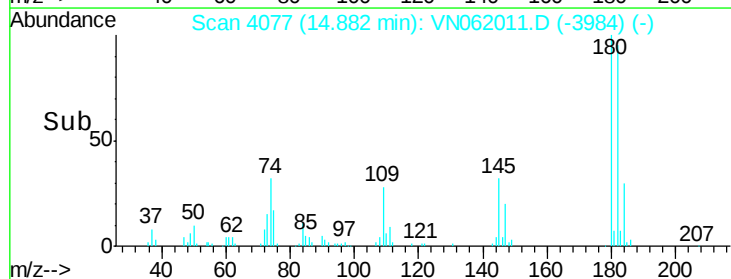
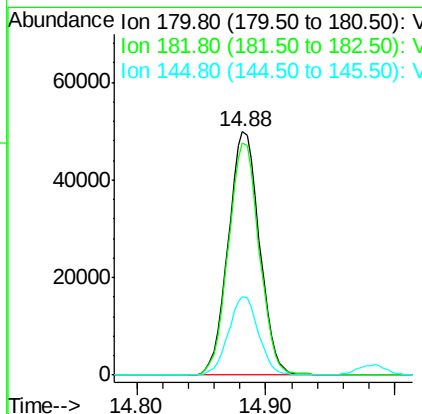
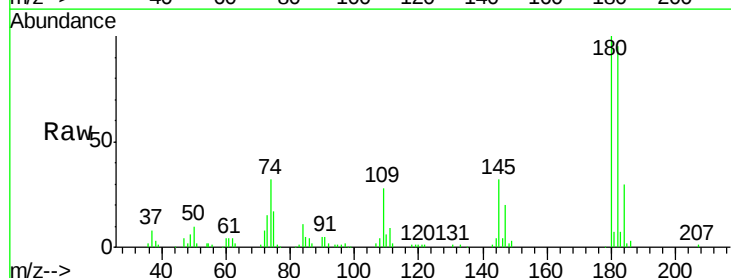
RT: 14.88 min Scan# 4077

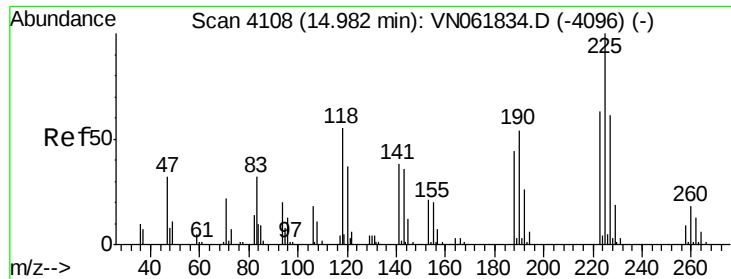
Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Tgt Ion:	180	Resp:	83873
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.0	141.2
145	30.9	15.8	47.3





#94

Hexachlorobutadiene

Concen: 41.428 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA_N

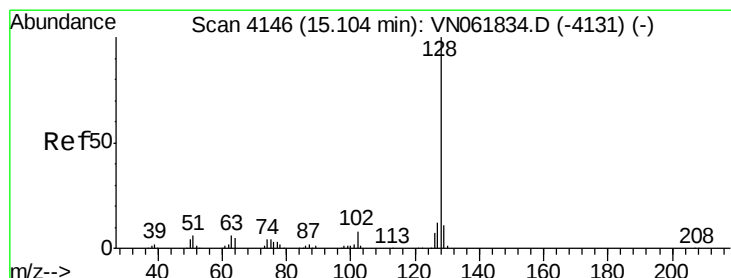
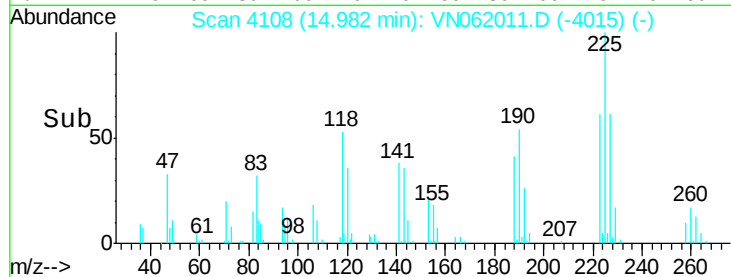
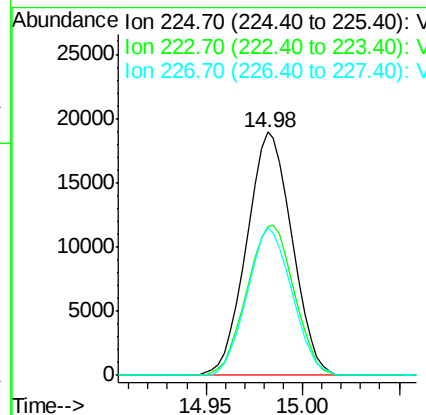
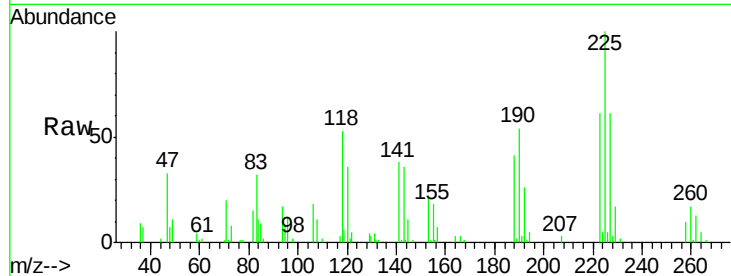
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	225	Resp:	30821
Ion Ratio		Lower	Upper
225	100		
223	64.2	31.7	95.1
227	59.9	30.1	90.3

Manual Integrations
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6/23/2020 12:47:29 PM



#95

Naphthalene

Concen: 42.752 ug/l

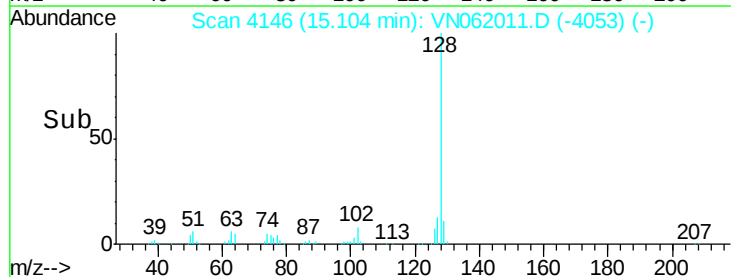
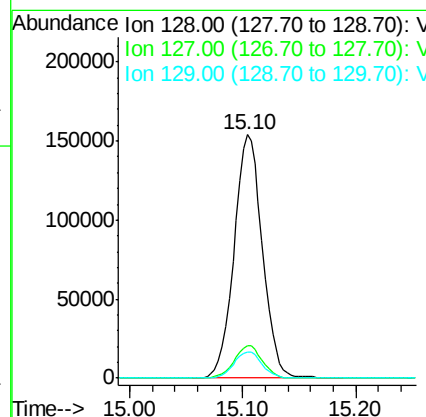
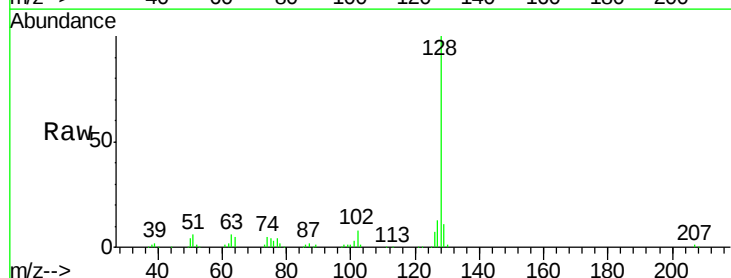
RT: 15.10 min Scan# 4146

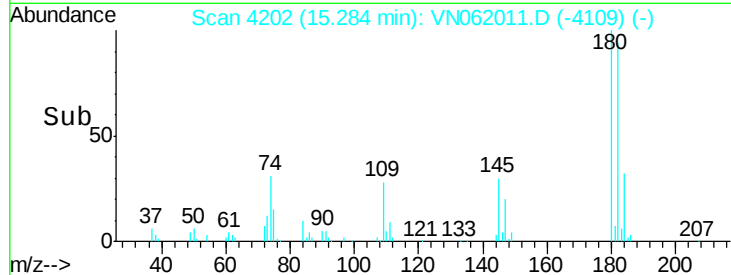
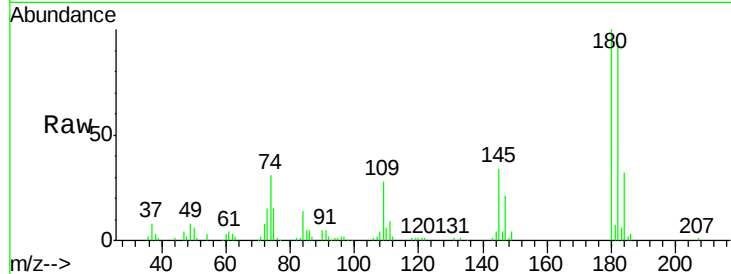
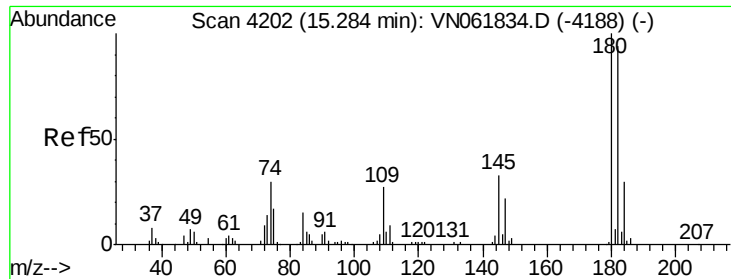
Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Tgt Ion:	128	Resp:	267000
Ion Ratio		Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.7	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 47.611 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN062011.D
 Acq: 22 Jun 2020 19:55

Tot Ion:	180	Resp:	89067
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.9	143.6
145	33.5	16.5	49.5

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:29 PM

