

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061782.D
 Acq On : 12 Jun 2020 11:43
 Operator : JC/MD
 Sample : VN0612WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:08:31 AM

Quant Time: Jun 13 05:30:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	324084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	504305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	188103	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.54	113	150631	58.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.76%	
50) Toluene-d8	10.06	98	630449	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.38	95	223475	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67257	18.710	ug/l	98
3) Chloromethane	2.03	50	66215	16.751	ug/l	100
4) Vinyl Chloride	2.16	62	89426	16.509	ug/l	97
5) Bromomethane	2.53	94	60100	19.336	ug/l	99
6) Chloroethane	2.67	64	61289	17.579	ug/l	99
7) Trichlorofluoromethane	2.98	101	127298	18.224	ug/l	99
8) Diethyl Ether	3.37	74	40025	18.739	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	62951	20.309	ug/l	96
10) Methyl Iodide	3.91	142	84395	19.613	ug/l	97
11) Tert butyl alcohol	4.72	59	53016	103.226	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	57992	17.512	ug/l	97
13) Acrolein	3.57	56	10226	43.407	ug/l	100
14) Allyl chloride	4.27	41	70540	16.293	ug/l	96
15) Acrylonitrile	4.93	53	130290	90.887	ug/l	99
16) Acetone	3.77	43	103239	93.124	ug/l	95
17) Carbon Disulfide	4.01	76	122153	16.766	ug/l	98
18) Methyl Acetate	4.27	43	63884	18.276	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	204134	18.087	ug/l	98
20) Methylene Chloride	4.50	84	71154	19.203	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	66917	17.918	ug/l	90
22) Diisopropyl ether	5.90	45	174535	18.291	ug/l	97
23) Vinyl Acetate	5.84	43	636910	83.746	ug/l	97
24) 1,1-Dichloroethane	5.79	63	111288	18.392	ug/l	99
25) 2-Butanone	6.78	43	156698	85.629	ug/l	95
26) 2,2-Dichloropropane	6.77	77	101425	18.314	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	79036	18.690	ug/l	99
28) Bromochloromethane	7.15	49	45423	19.135	ug/l	93
29) Tetrahydrofuran	7.16	42	103368	85.661	ug/l	98
30) Chloroform	7.32	83	129831	19.395	ug/l	99
31) Cyclohexane	7.61	56	90291	16.592	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	110235	18.072	ug/l	99
36) 1,1-Dichloropropene	7.75	75	86788	19.440	ug/l	100
37) Ethyl Acetate	6.88	43	65825	18.306	ug/l	96
38) Carbon Tetrachloride	7.73	117	89368	20.753	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	98339	17.871	ug/l	95
40) Benzene	8.00	78	280304	20.349	ug/l	100
41) Methacrylonitrile	7.12	41	29127	17.680	ug/l	97
42) 1,2-Dichloroethane	8.09	62	91341	19.807	ug/l	98
43) Isopropyl Acetate	8.12	43	112831	17.441	ug/l #	90
44) Trichloroethene	8.80	130	86474	20.427	ug/l	93
45) 1,2-Dichloropropane	9.08	63	68891	21.062	ug/l	99
46) Dibromomethane	9.17	93	50464	20.116	ug/l	95
47) Bromodichloromethane	9.37	83	103257	20.776	ug/l	100
48) Methyl methacrylate	9.17	41	49866	17.133	ug/l	96
49) 1,4-Dioxane	9.16	88	25854	573.384	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	337697	92.632	ug/l	99
52) Toluene	10.12	92	186285	20.720	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	105900	19.779	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	117295	20.375	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	78043	21.788	ug/l	96
56) Ethyl methacrylate	10.40	69	95810	19.148	ug/l	98
57) 1,3-Dichloropropane	10.68	76	119711	20.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	193906	90.684	ug/l	99
59) 2-Hexanone	10.72	43	233701	89.262	ug/l	97
60) Dibromochloromethane	10.87	129	87793	21.559	ug/l	99
61) 1,2-Dibromoethane	10.98	107	79181	21.196	ug/l	99
64) Tetrachloroethene	10.60	164	90593	19.939	ug/l	98
65) Chlorobenzene	11.40	112	205850	20.517	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	79615	21.311	ug/l	99
67) Ethyl Benzene	11.48	91	343094	19.785	ug/l	99
68) m/p-Xylenes	11.59	106	269468	39.191	ug/l	98
69) o-Xylene	11.92	106	126170	19.320	ug/l	99
70) Styrene	11.94	104	216003	19.972	ug/l	99
71) Bromoform	12.10	173	60094	20.876	ug/l #	99
73) Isopropylbenzene	12.22	105	338281	19.158	ug/l	99
74) N-amyl acetate	12.04	43	93160	16.753	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	97391	19.682	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	82358m	18.721	ug/l	
77) Bromobenzene	12.50	156	89632	19.886	ug/l	99
78) n-propylbenzene	12.57	91	379725	19.263	ug/l	98
79) 2-Chlorotoluene	12.65	91	224387	19.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	282711	19.156	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	29175	16.959	ug/l	95
82) 4-Chlorotoluene	12.75	91	233916	18.917	ug/l	97
83) tert-Butylbenzene	12.97	119	240544	18.447	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	284690	19.417	ug/l	99
85) sec-Butylbenzene	13.15	105	310954	18.506	ug/l	100
86) p-Isopropyltoluene	13.26	119	295663	19.107	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	161474	20.231	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	164246	20.200	ug/l	99
89) n-Butylbenzene	13.59	91	230267	17.766	ug/l	99
90) Hexachloroethane	13.85	117	41358	24.167	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	159817	20.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	16407	16.258	ug/l	88

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ClientSampleId :
VN0612WBSD01

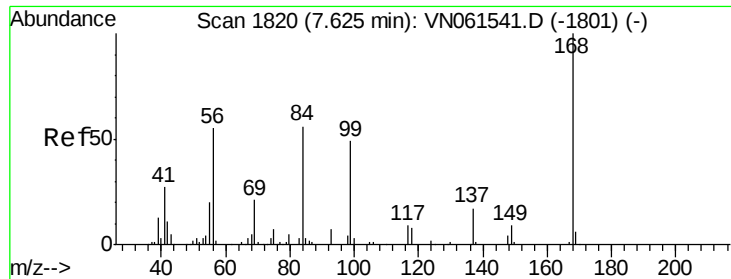
Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	85423	19.149	ug/l	99
94) Hexachlorobutadiene	14.99	225	39635	20.833	ug/l	100
95) Naphthalene	15.10	128	234720	17.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	85684	19.536	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion:168 Resp: 324084

Ion Ratio Lower Upper

168 100

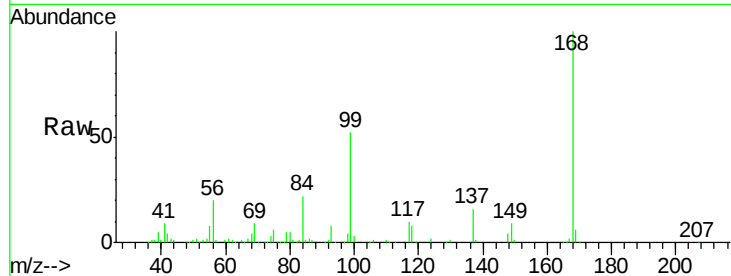
99 51.6 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

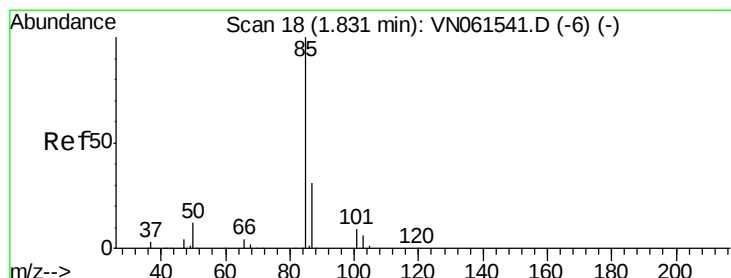
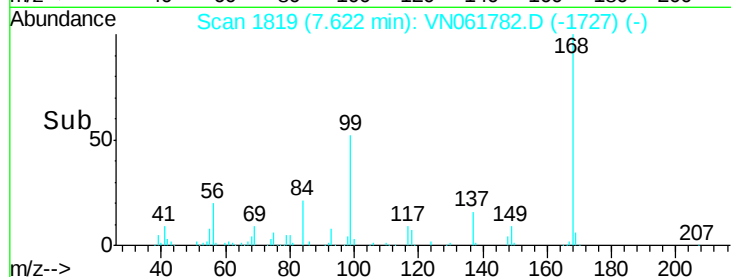
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.710 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061782.D

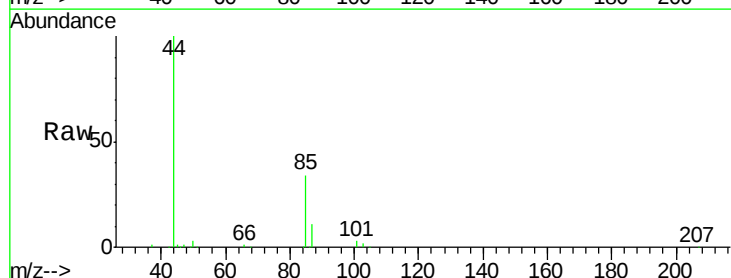
Acq: 12 Jun 2020 11:43

Tgt Ion: 85 Resp: 67257

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

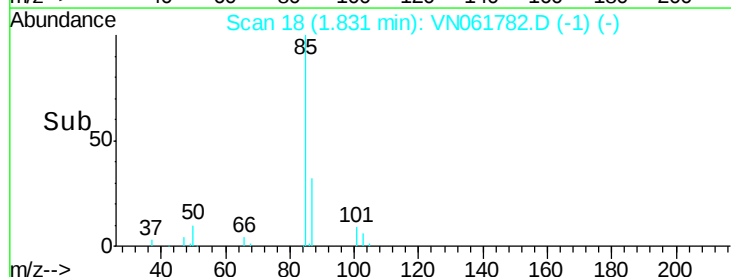
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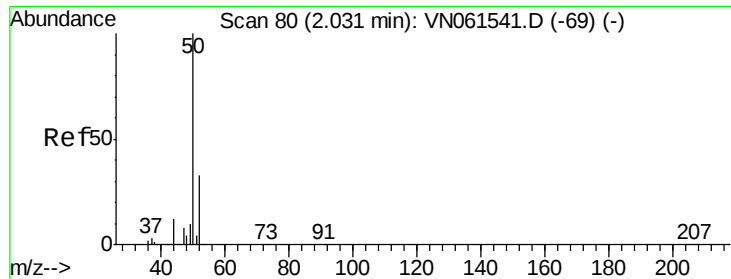
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0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.751 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion: 50 Resp: 66215

Ion Ratio Lower Upper

50 100

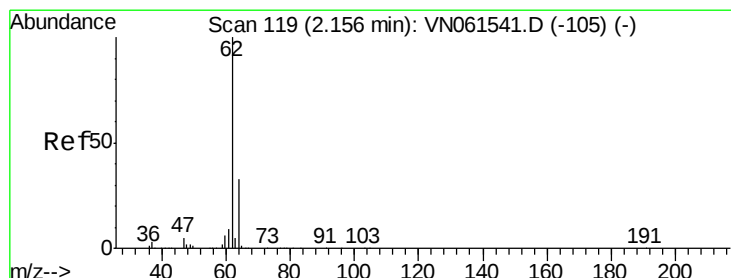
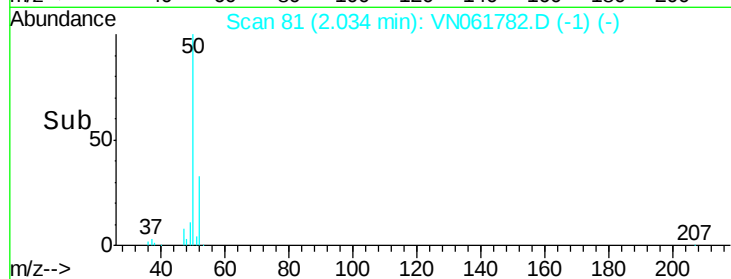
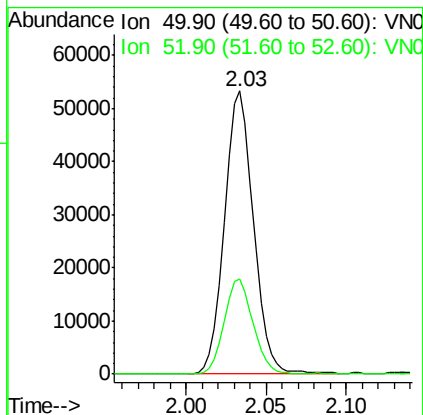
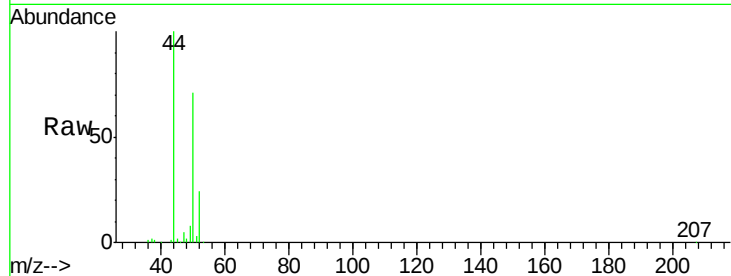
52 33.4 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.509 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061782.D

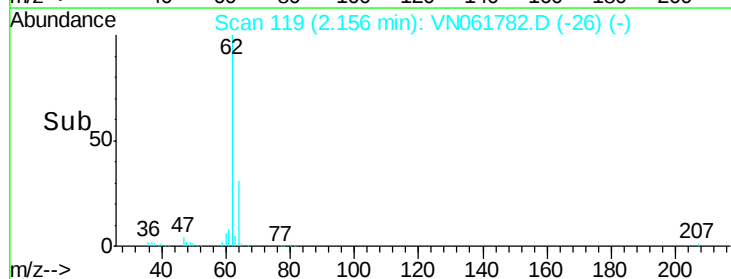
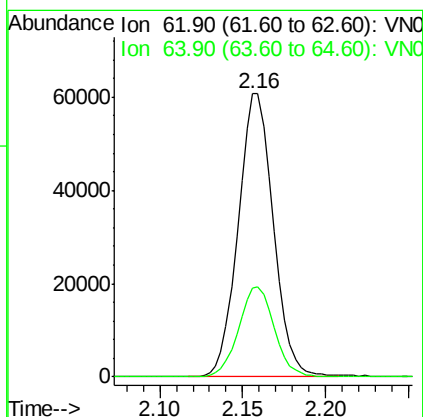
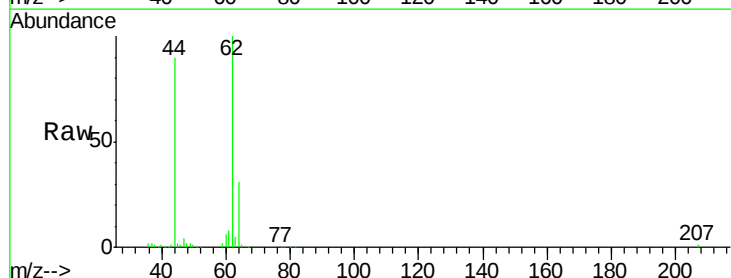
Acq: 12 Jun 2020 11:43

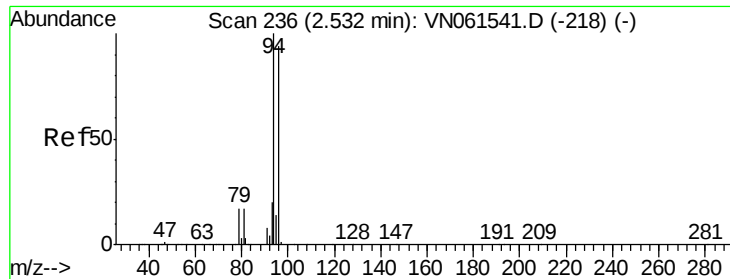
Tgt Ion: 62 Resp: 89426

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.2





#5

Bromomethane

Concen: 19.336 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

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ClientSampleId :

VN0612WBSD01

Tot Ion: 94 Resp: 60100

Ion Ratio Lower Upper

94 100

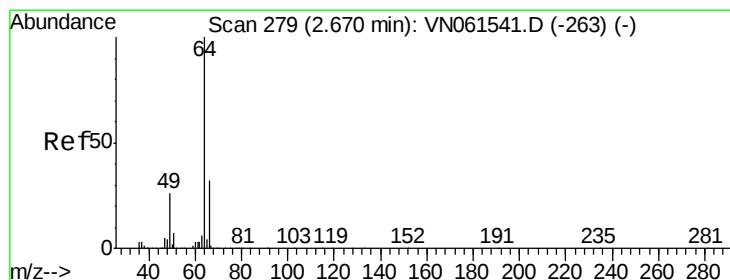
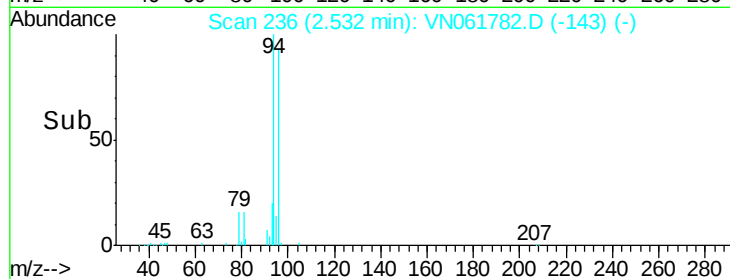
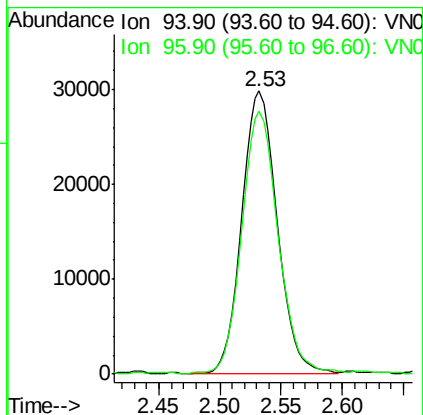
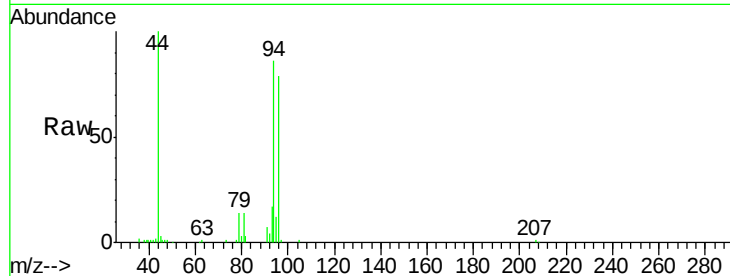
96 92.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.579 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061782.D

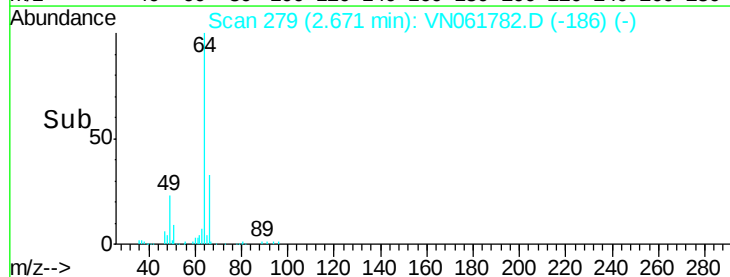
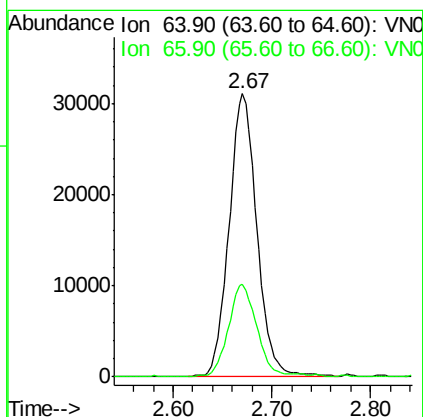
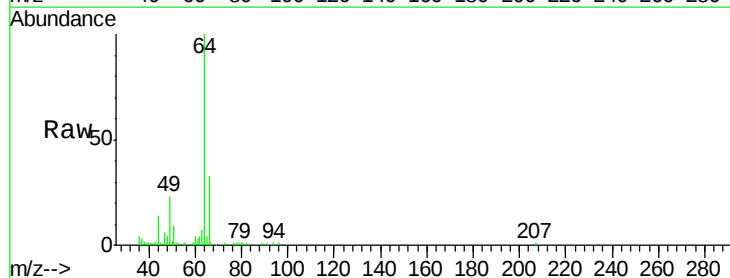
Acq: 12 Jun 2020 11:43

Tgt Ion: 64 Resp: 61289

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4





#7

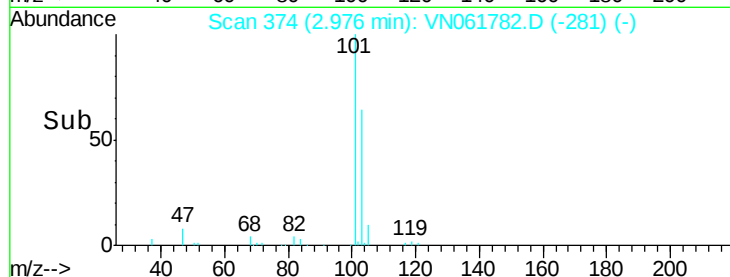
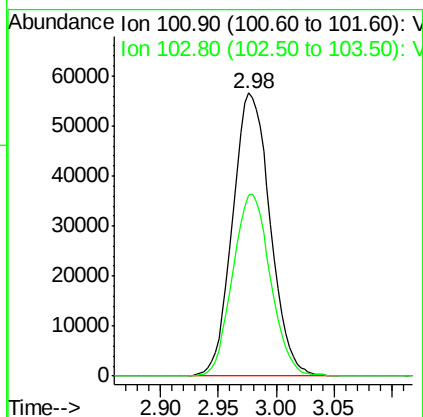
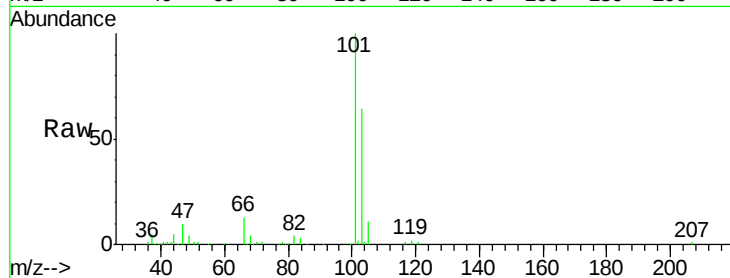
Trichlorofluoromethane
Concen: 18.224 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

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ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.4	77.2

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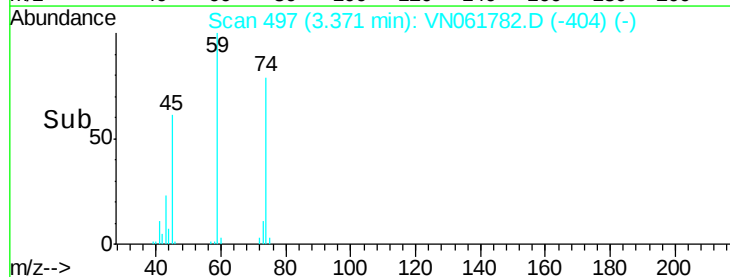
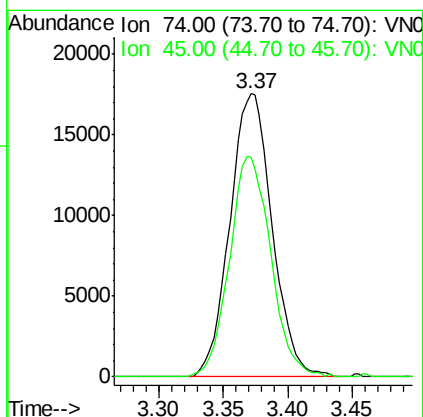
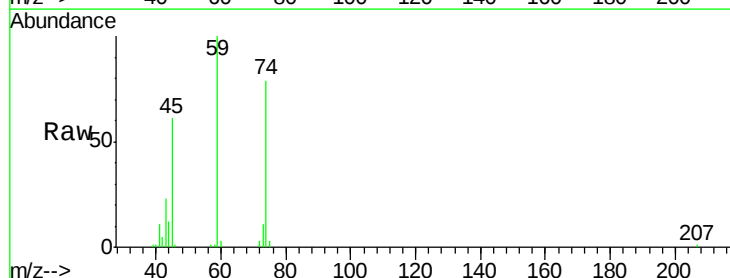
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#8

Diethyl Ether
Concen: 18.739 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	76.1	39.9	119.7





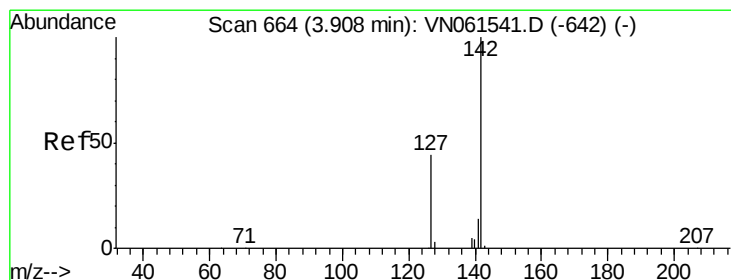
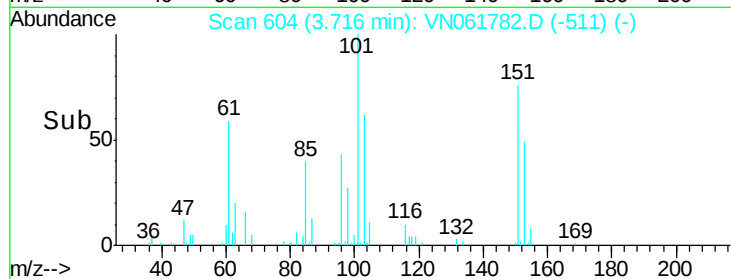
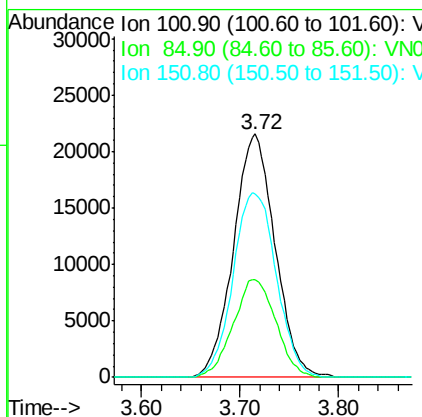
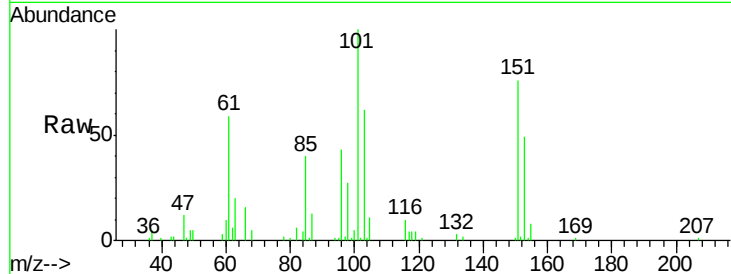
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.309 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
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 VN0612WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	62951		
85	41.2		35.2	52.8
151	79.0		61.0	91.6

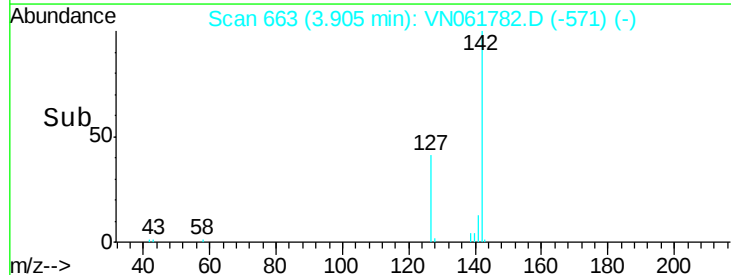
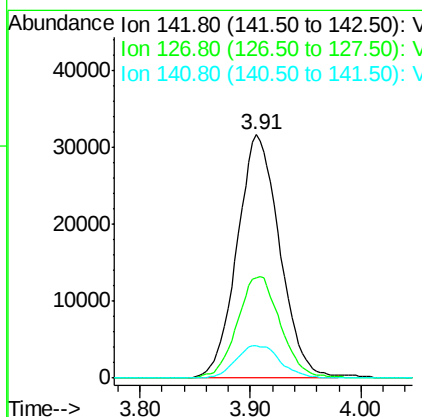
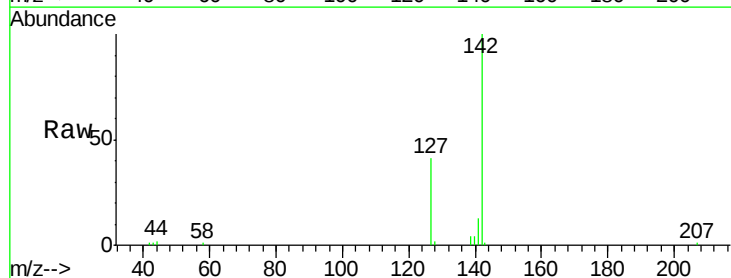
Manual Integrations
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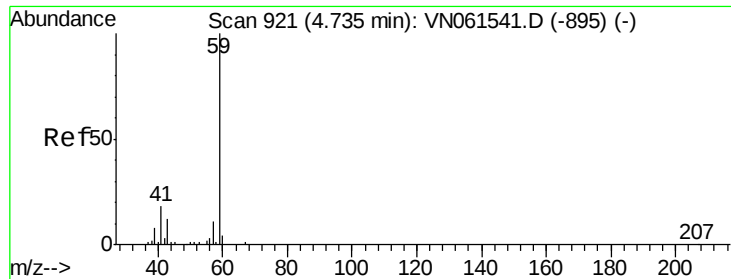
MMDadoda
 6/15/2020 11:08:31 AM



#10
 Methyl Iodide
 Concen: 19.613 ug/l
 RT: 3.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	84395		
127	42.5		35.5	53.3
141	13.8		11.5	17.3





#11

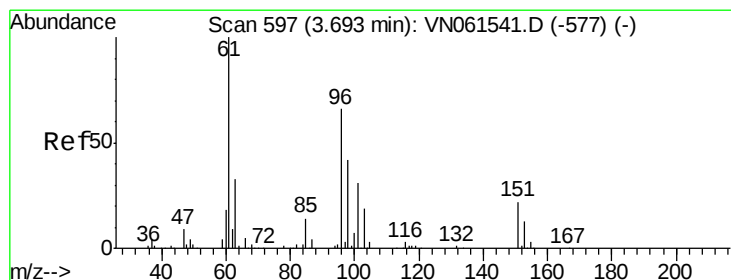
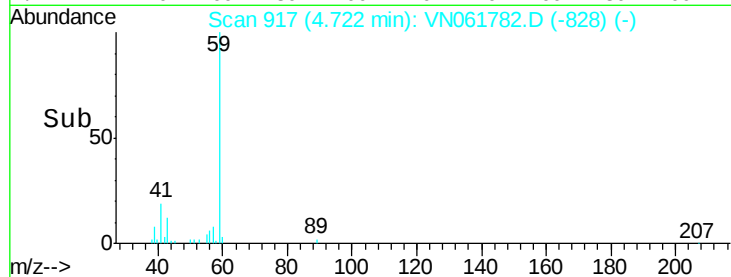
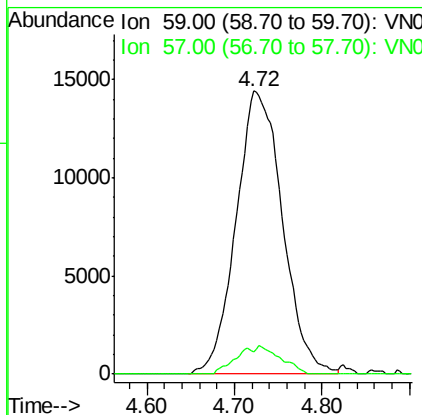
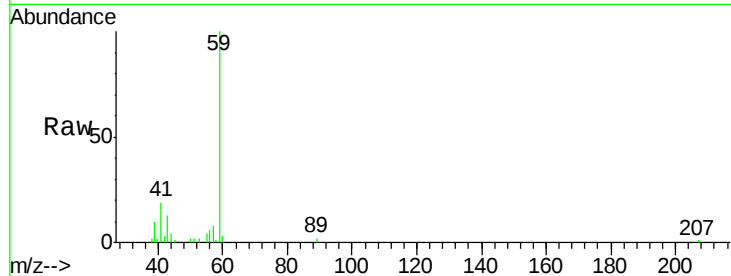
Tert butyl alcohol
Concen: 103.226 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.0	8.4	12.6#

Manual Integrations
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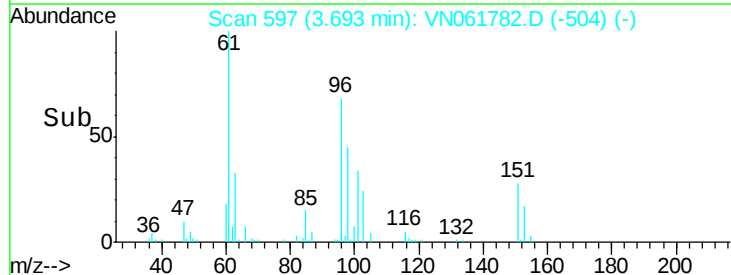
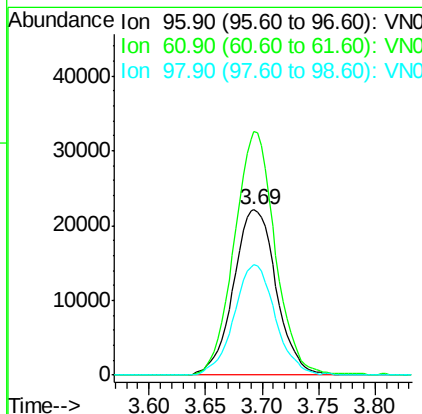
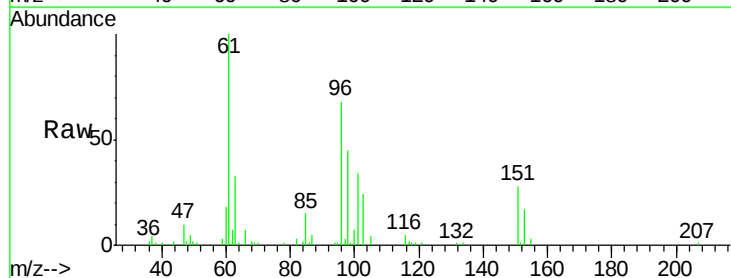
MMDadoda
6/15/2020 11:08:31 AM

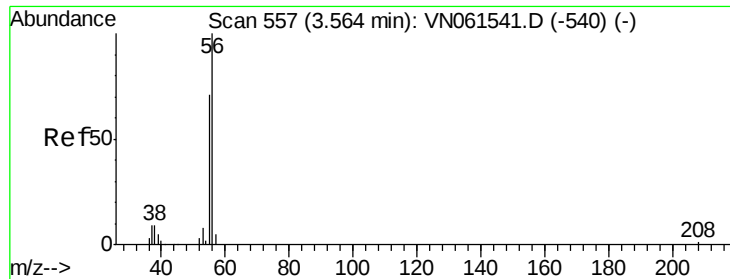


#12

1,1-Dichloroethene
Concen: 17.512 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.2	120.5	180.7
98	66.6	50.8	76.2





#13

Acrolein

Concen: 43.407 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion: 56 Resp: 10226

Ion Ratio Lower Upper

56 100

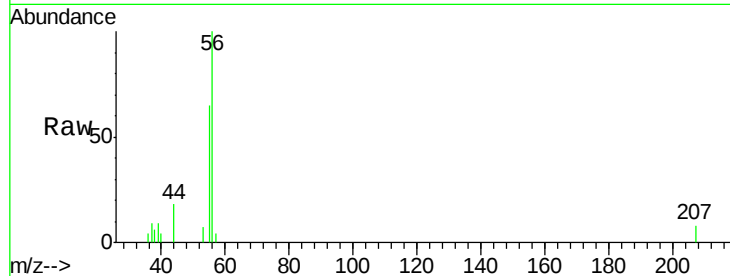
55 72.6 58.0 87.0

Manual Integrations

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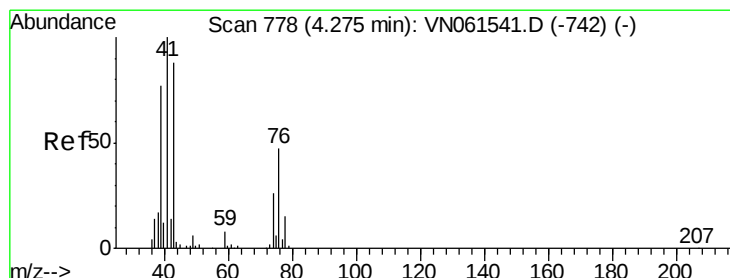
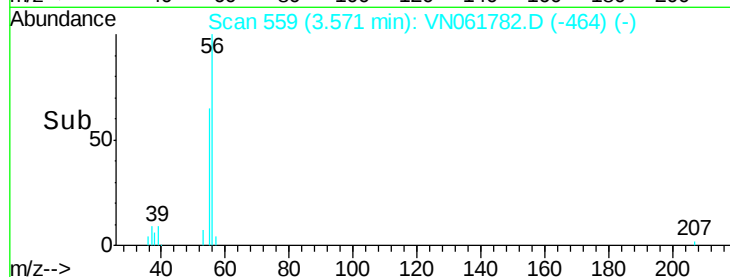
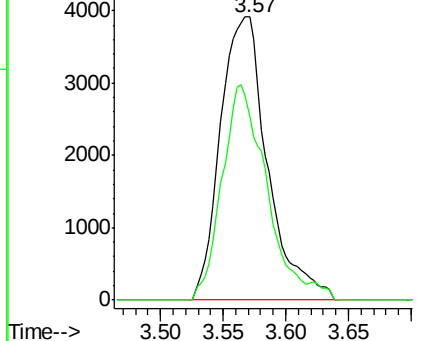
MMDadoda

6/15/2020 11:08:31 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.293 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

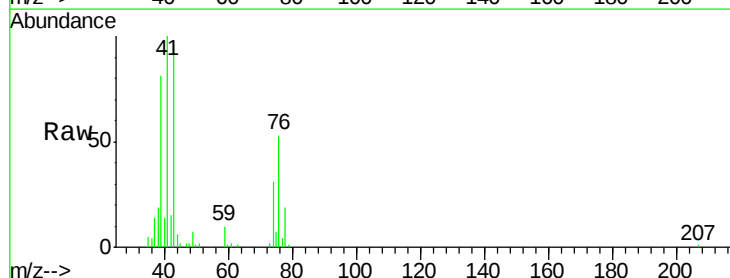
Tgt Ion: 41 Resp: 70540

Ion Ratio Lower Upper

41 100

39 74.1 58.6 88.0

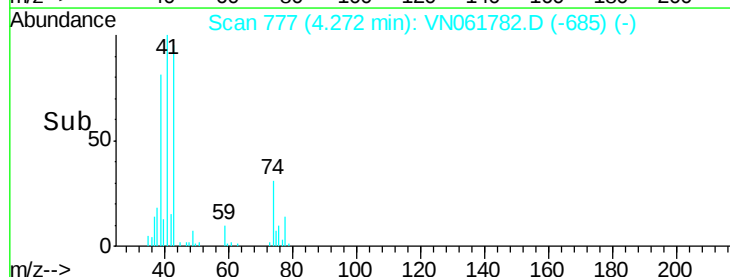
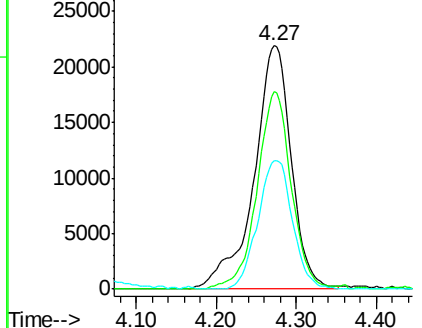
76 48.8 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 90.887 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

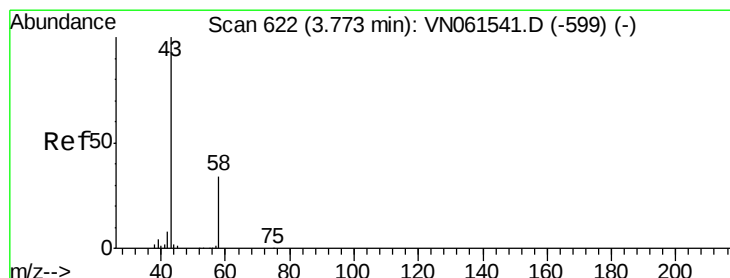
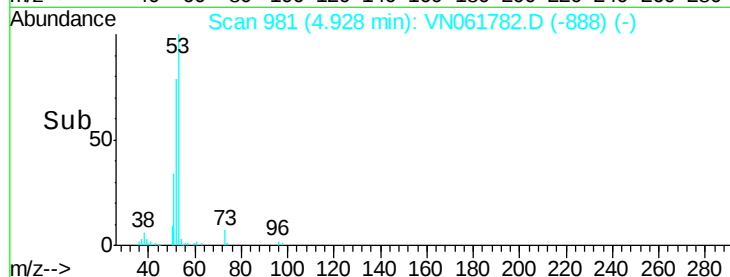
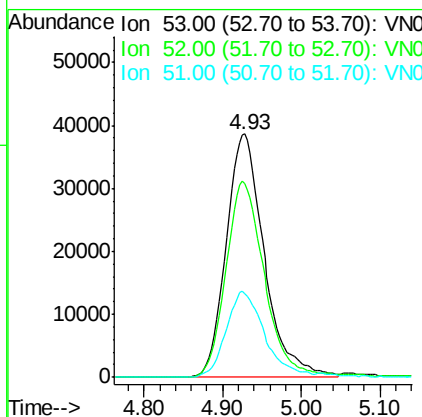
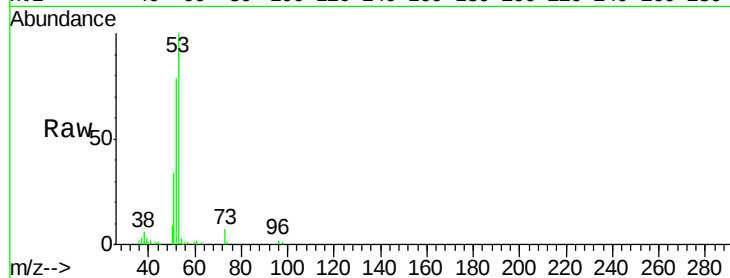
ClientSampleID :

VN0612WBSD01

Tot Ion:	53	Resp:	130290
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.4	98.2
51	35.6	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 93.124 ug/l

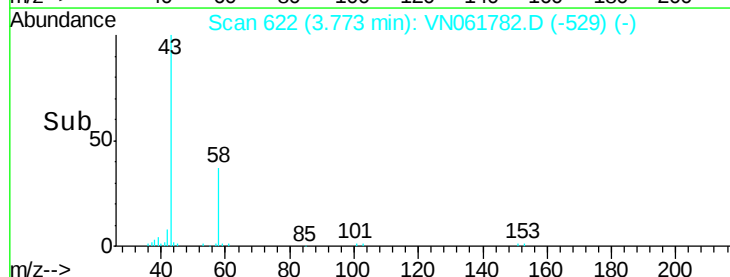
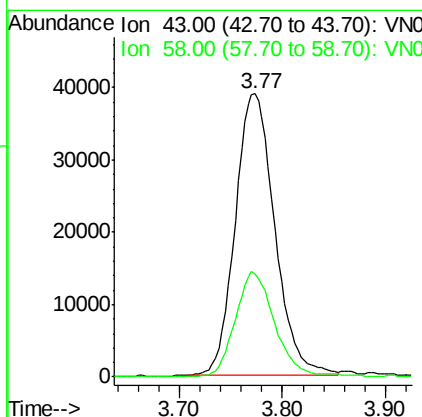
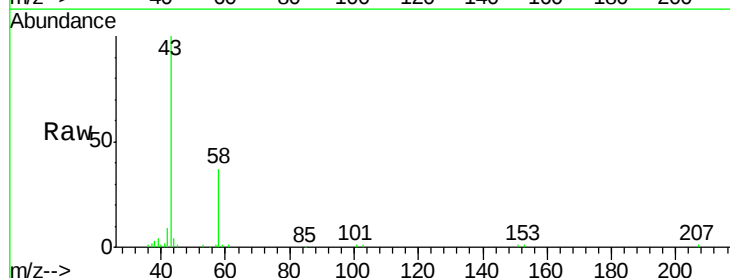
RT: 3.77 min Scan# 622

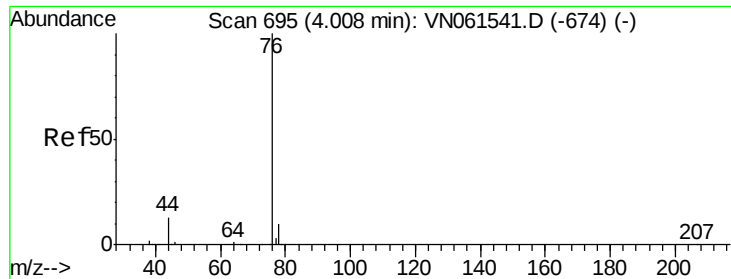
Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion:	43	Resp:	103239
Ion	Ratio	Lower	Upper
43	100		
58	36.8	27.2	40.8





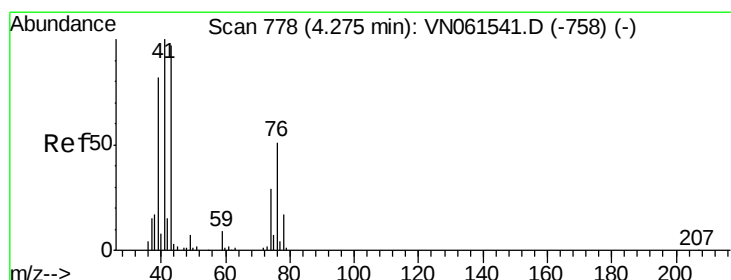
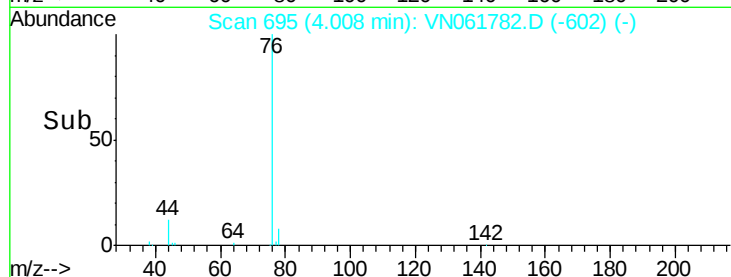
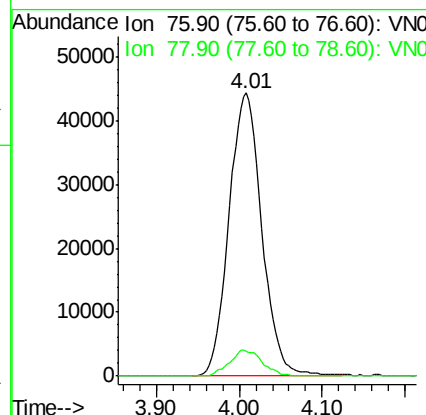
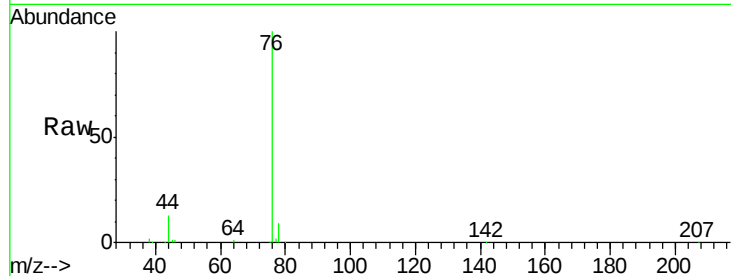
#17
Carbon Disulfide
Concen: 16.766 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.8	11.6

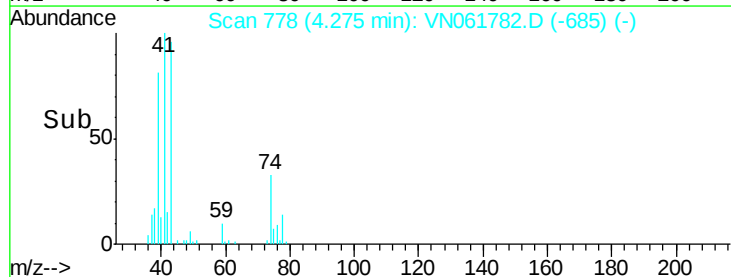
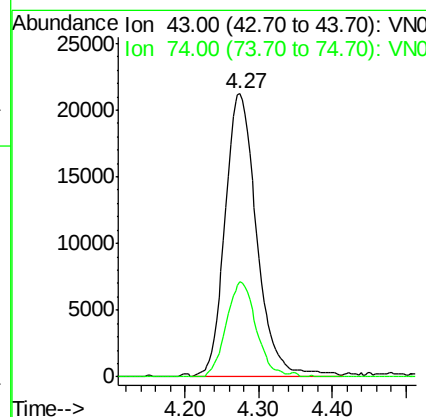
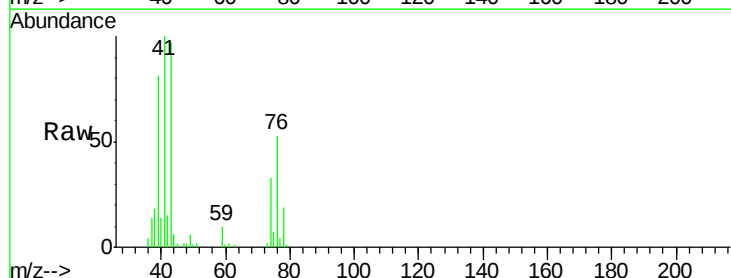
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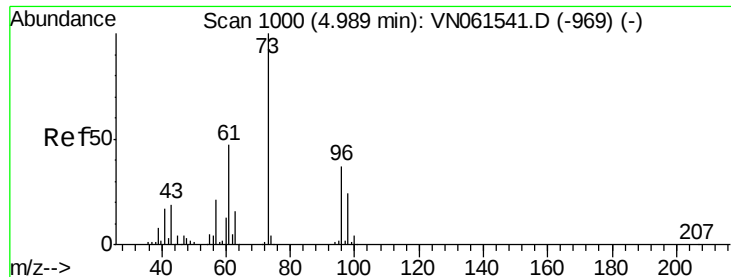
MMDadoda
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#18
Methyl Acetate
Concen: 18.276 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.2	23.2	34.8





#19

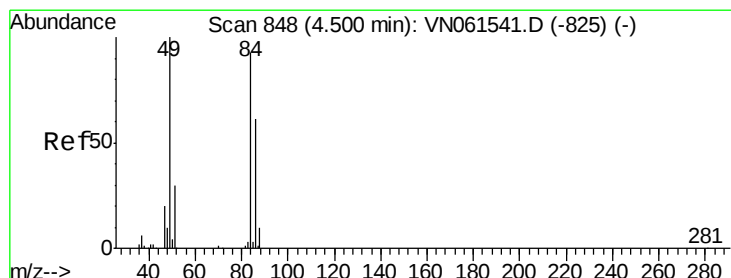
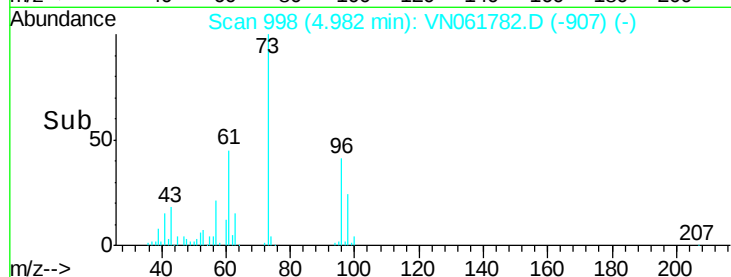
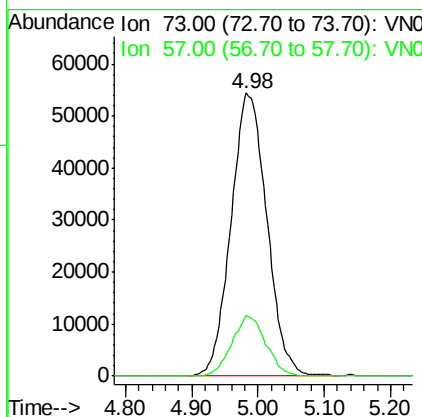
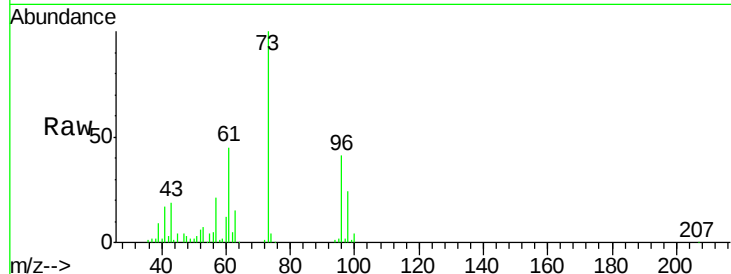
Methyl tert-butyl Ether
 Concen: 18.087 ug/l
 RT: 4.98 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion	73	Resp	204134
Ion Ratio	100	Lower	Upper
73	100	16.4	24.6
57	21.3		

Manual Integrations
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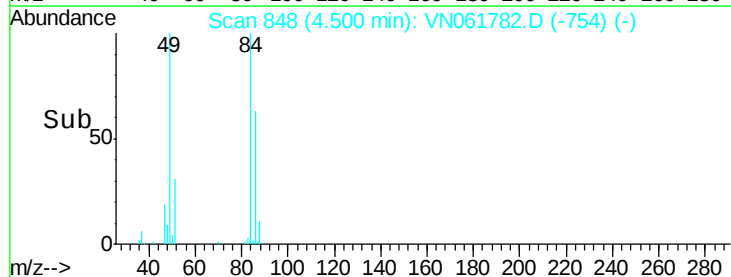
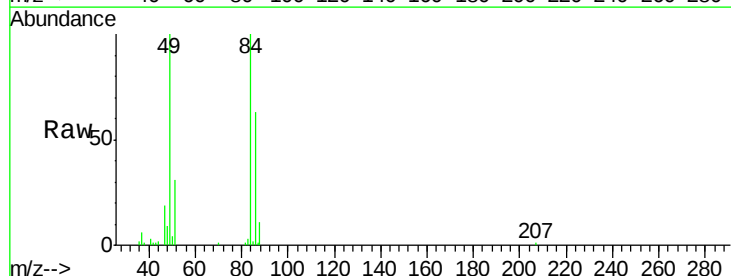
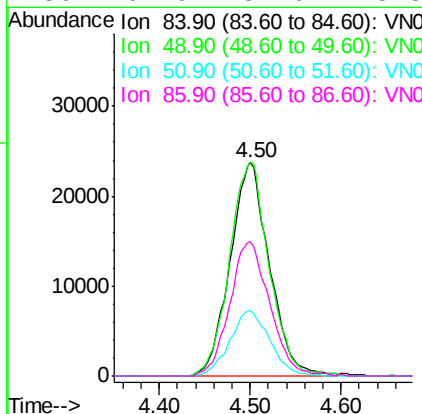
MMDadoda
 6/15/2020 11:08:31 AM

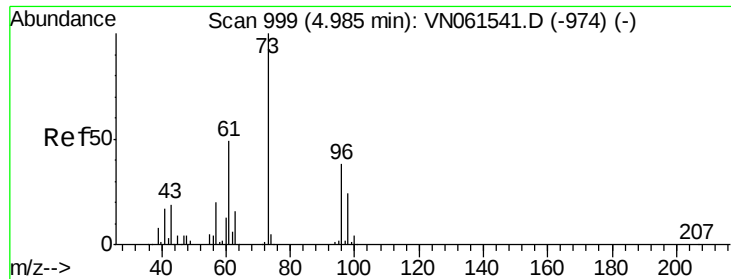


#20

Methylene Chloride
 Concen: 19.203 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	84	Resp	71154
Ion Ratio	100	Lower	Upper
84	100	85.8	128.8
49	100.0	26.2	39.2
51	30.6		
86	62.9	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 17.918 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

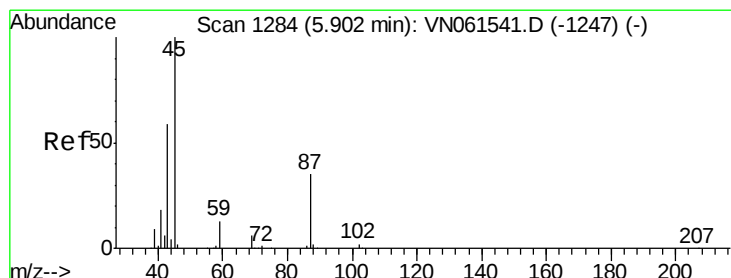
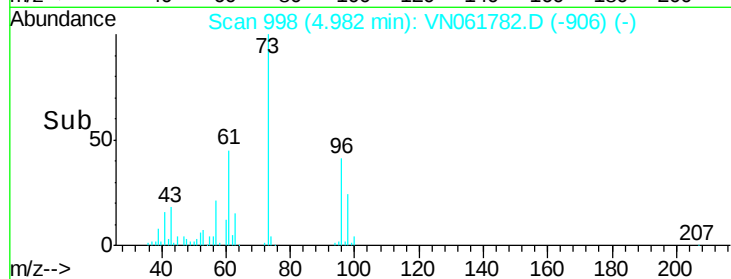
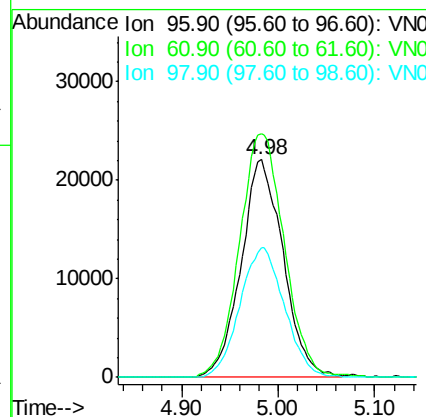
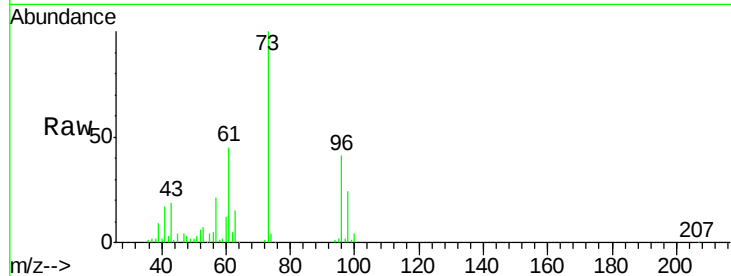
ClientSampleId :

VN0612WBSD01

Tot Ion:	96	Resp:	66917
Ion	Ratio	Lower	Upper
96	100		
61	111.8	101.4	152.0
98	59.8	50.6	76.0

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#22

Diisopropyl ether

Concen: 18.291 ug/l

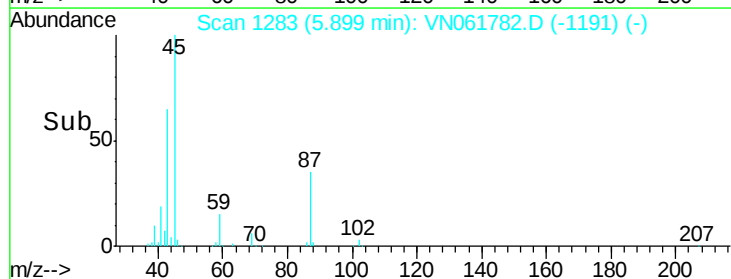
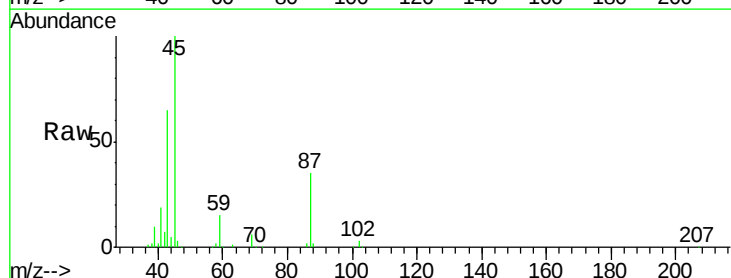
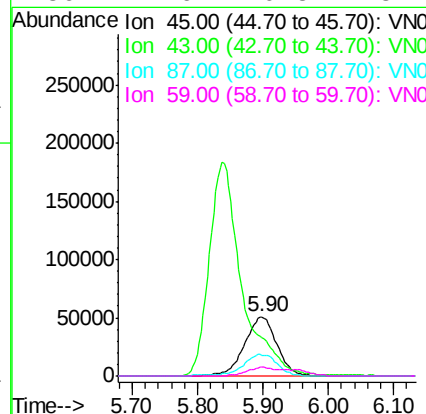
RT: 5.90 min Scan# 1283

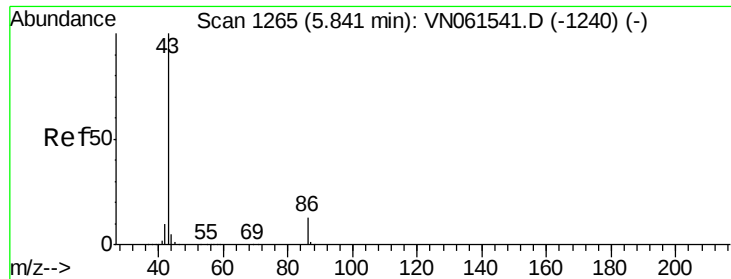
Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion:	45	Resp:	174535
Ion	Ratio	Lower	Upper
45	100		
43	62.8	47.9	71.9
87	35.5	28.4	42.6
59	14.6	10.5	15.7





#23

Vinyl Acetate

Concen: 83.746 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion: 43 Resp: 636910

Ion Ratio Lower Upper

43 100

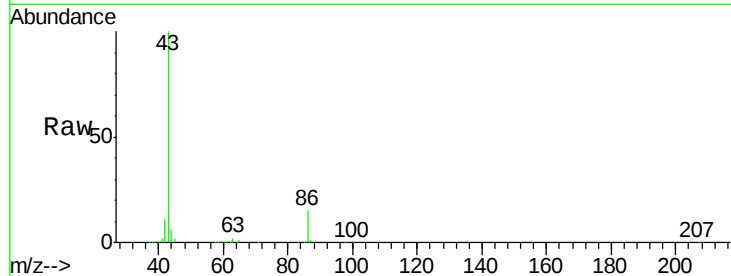
86 14.6 10.6 16.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN061541.D (-1240) (-)

5.84

200000

150000

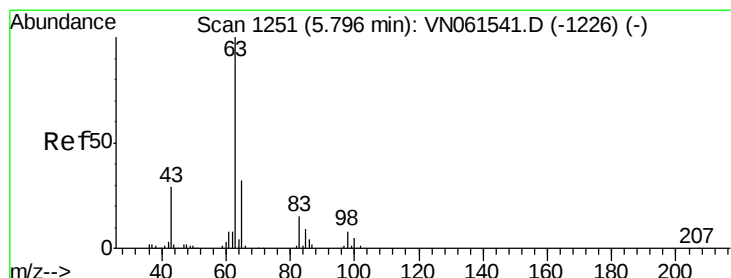
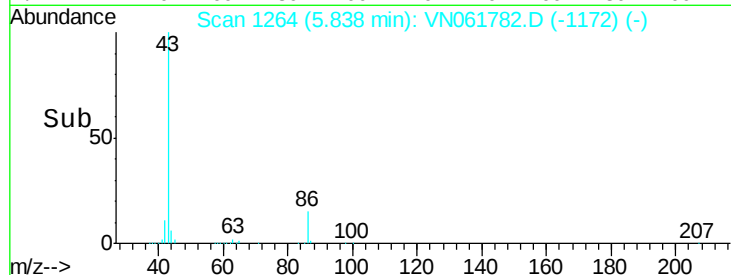
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 18.392 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

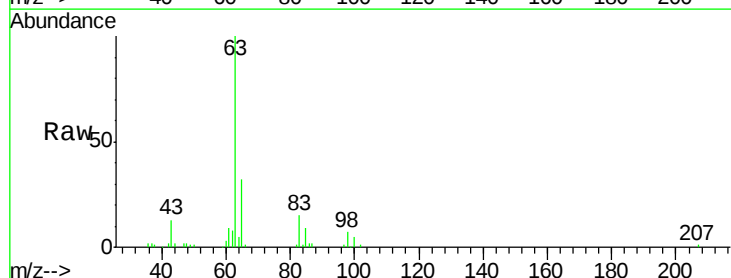
Tgt Ion: 63 Resp: 111288

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 5.5 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-1226) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1226) (-)

Ion 99.90 (99.60 to 100.60): VN061541.D (-1226) (-)

5.79

40000

30000

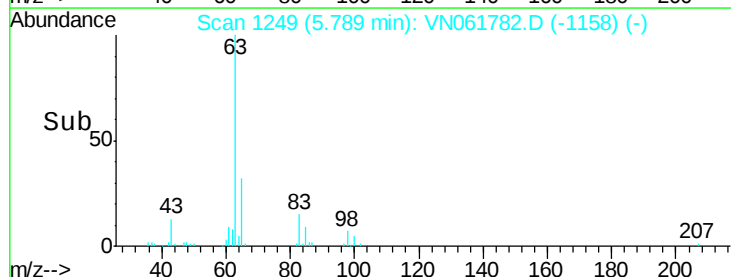
20000

10000

0

5.70 5.80 5.90

Time-->





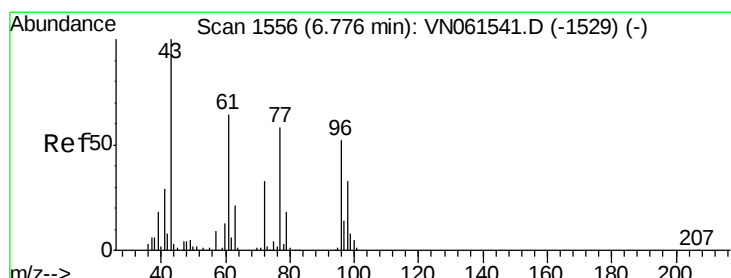
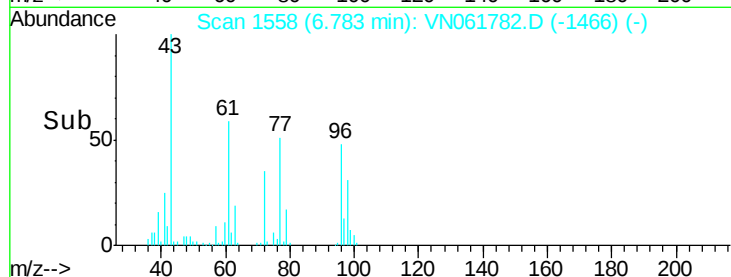
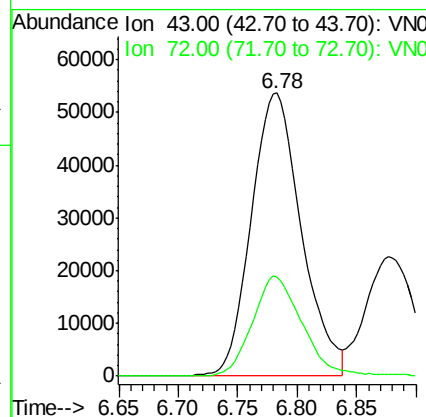
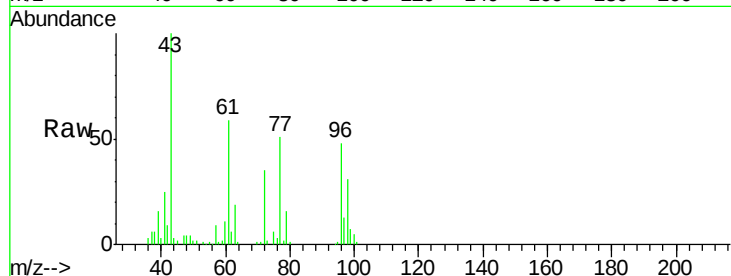
#25
2-Butanone
Concen: 85.629 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion: 43 Resp: 156698
Ion Ratio Lower Upper
43 100
72 35.2 26.0 39.0

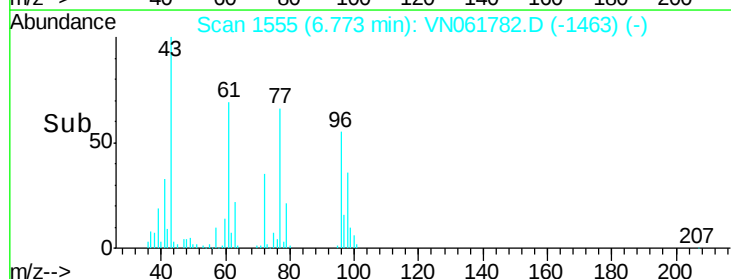
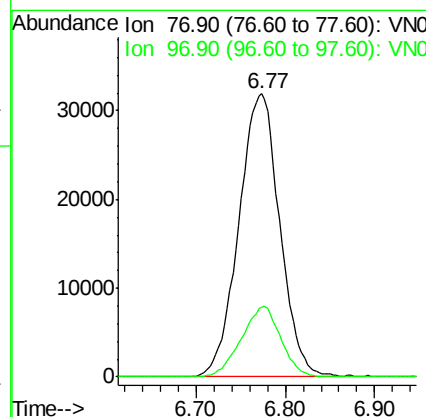
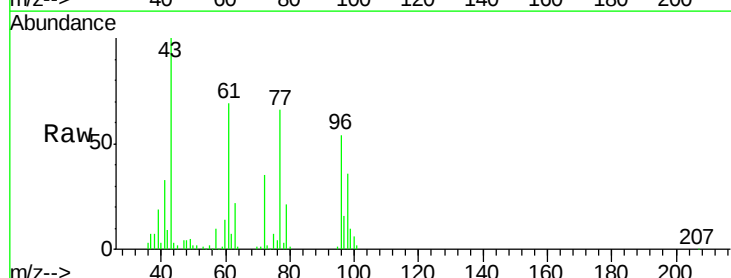
Manual Integrations
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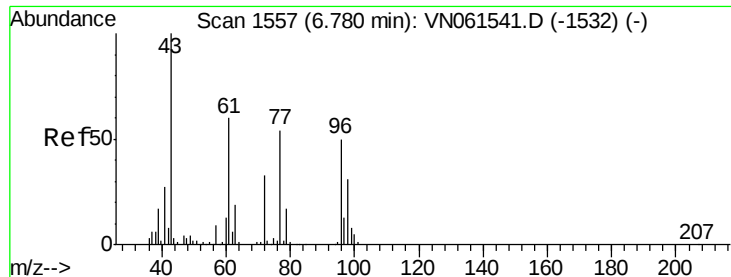
MMDadoda
6/15/2020 11:08:31 AM



#26
2,2-Dichloropropane
Concen: 18.314 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion: 77 Resp: 101425
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 18.690 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

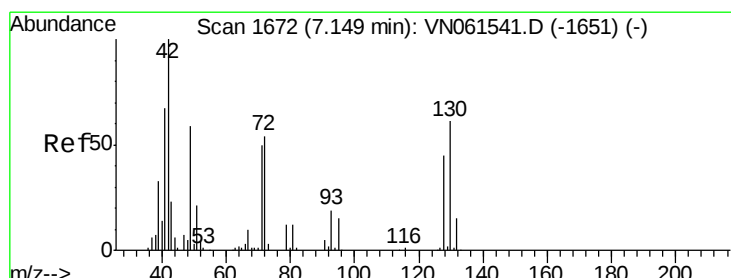
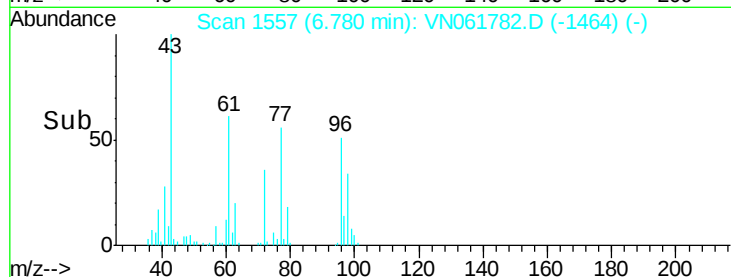
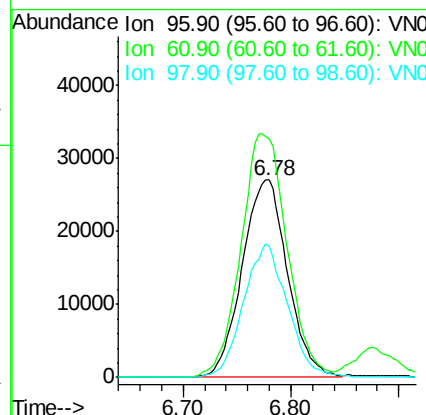
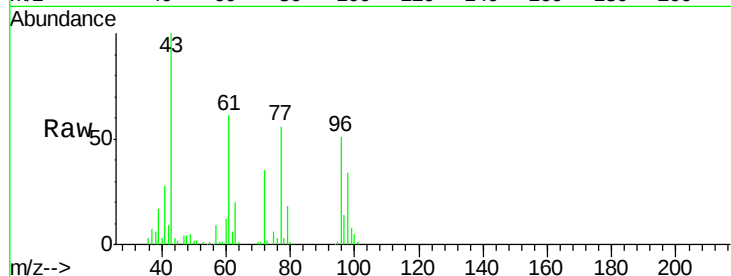
ClientSampleId :

VN0612WBSD01

Tot Ion:	96	Resp:	79036
Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	252.2
98	65.4	0.0	129.2

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#28

Bromochloromethane

Concen: 19.135 ug/l

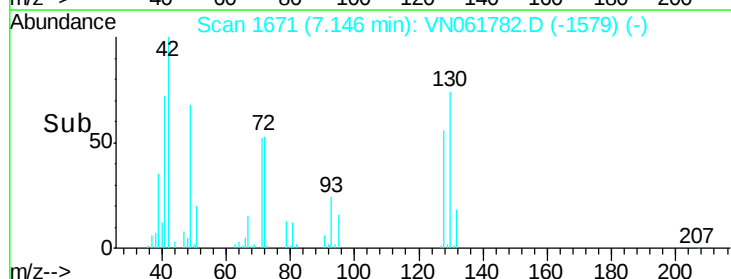
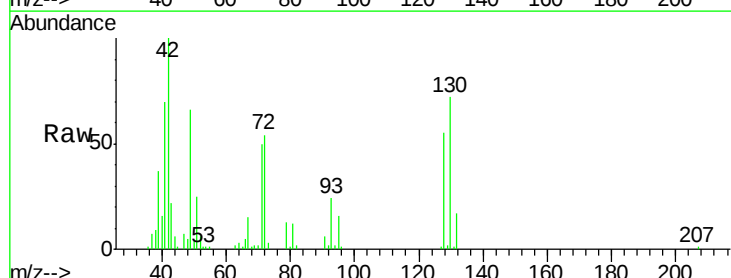
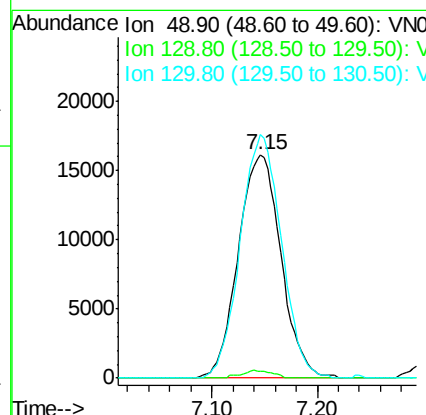
RT: 7.15 min Scan# 1671

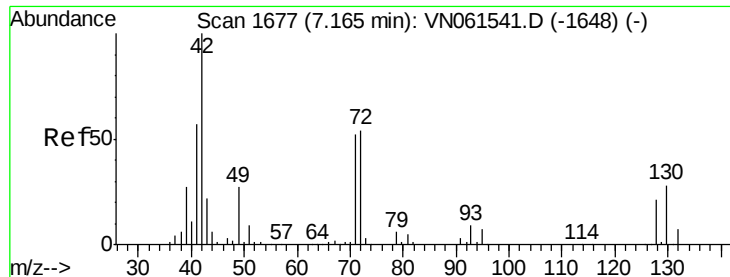
Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion:	49	Resp:	45423
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	105.4	78.8	118.2





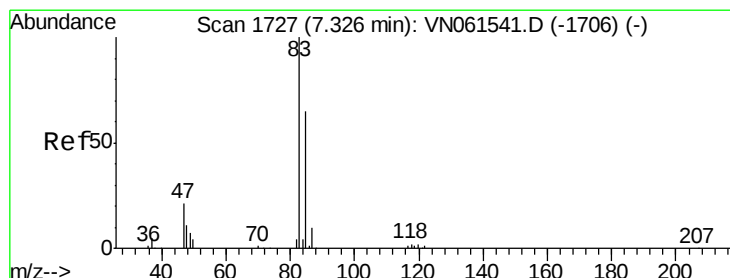
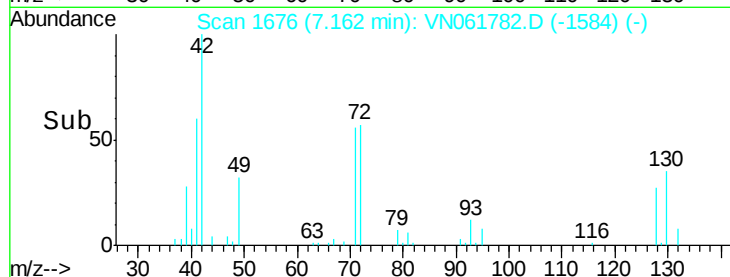
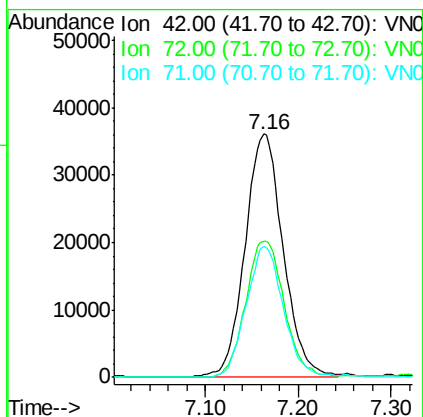
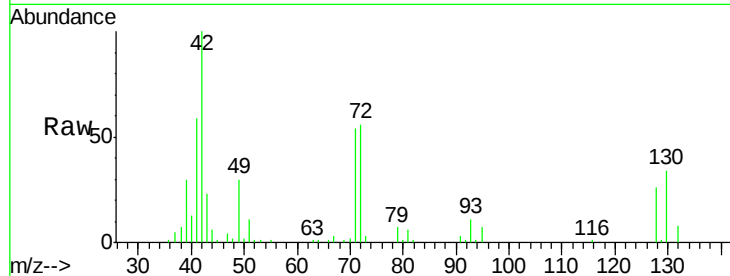
#29
Tetrahydrofuran
Concen: 85.661 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.6	43.6	65.4
71	52.5	41.2	61.8

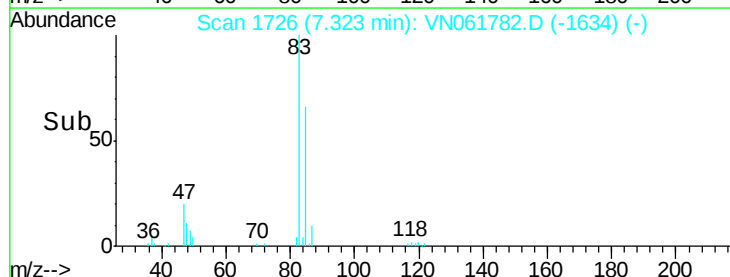
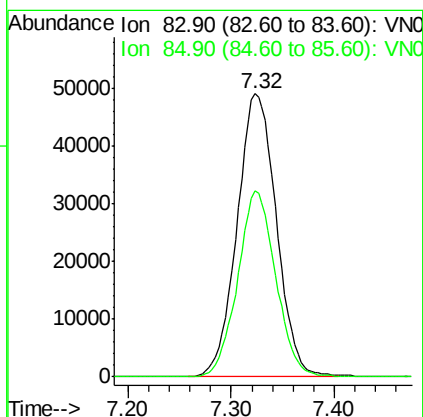
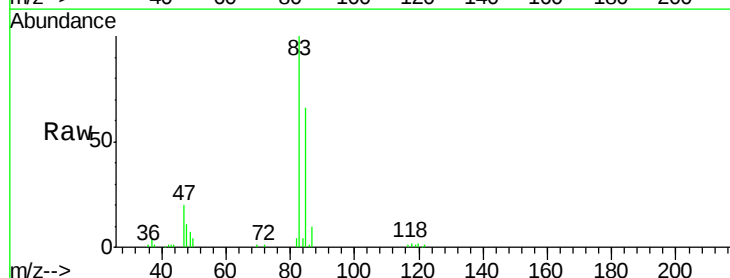
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#30
Chloroform
Concen: 19.395 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.7	77.5





#31

Cyclohexane

Concen: 16.592 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

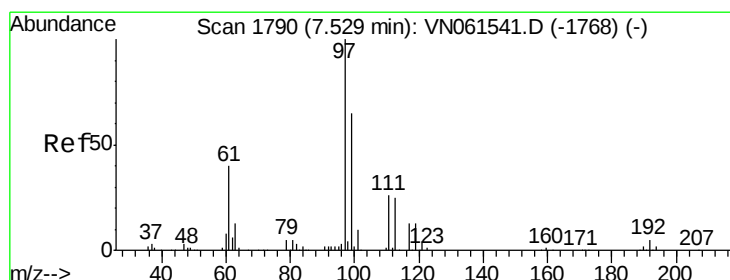
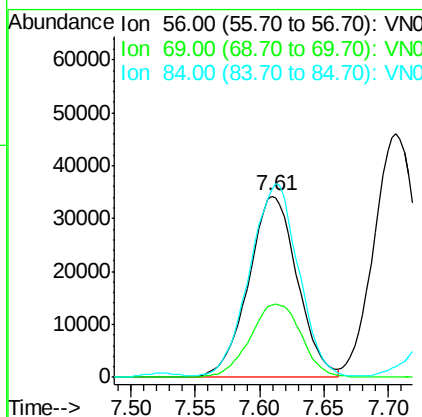
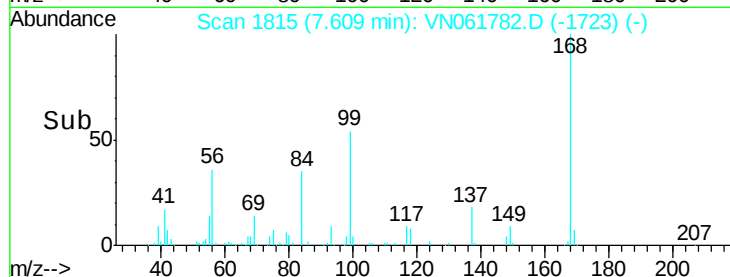
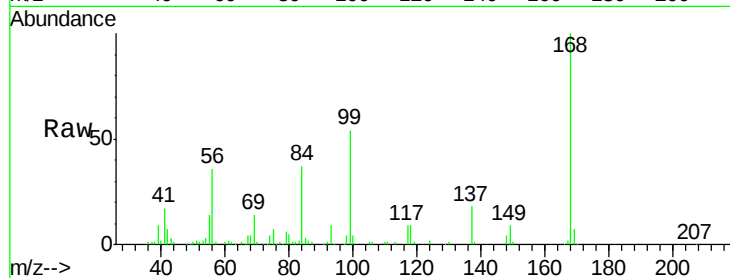
ClientSampleId :

VN0612WBSD01

Tot Ion:	56	Resp:	90291
Ion Ratio	Lower	Upper	
56	100		
69	40.0	27.8	41.8
84	102.4	79.9	119.9

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#32

1,1,1-Trichloroethane

Concen: 18.072 ug/l

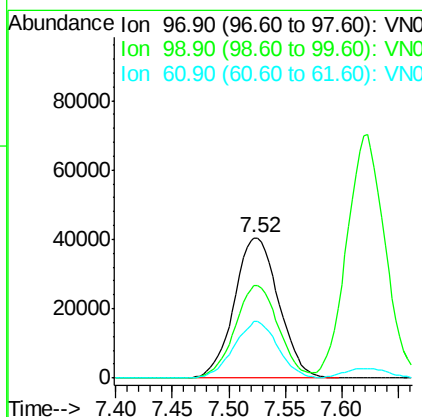
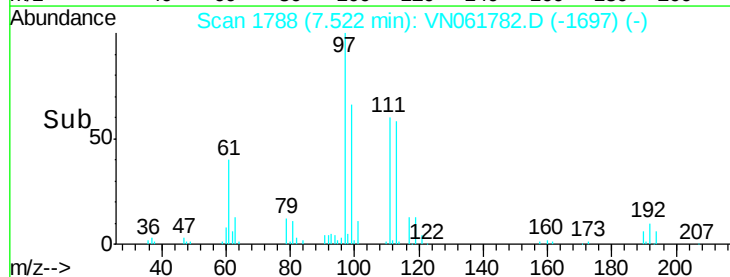
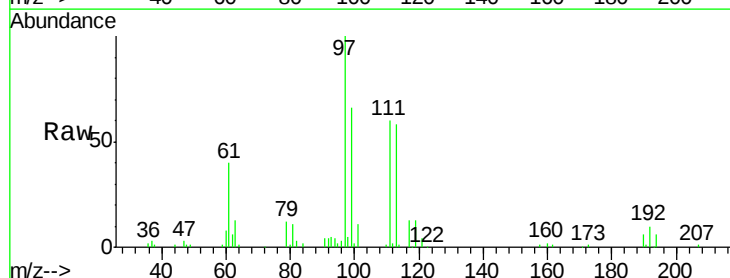
RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion:	97	Resp:	110235
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.4	77.0
61	40.0	31.4	47.0





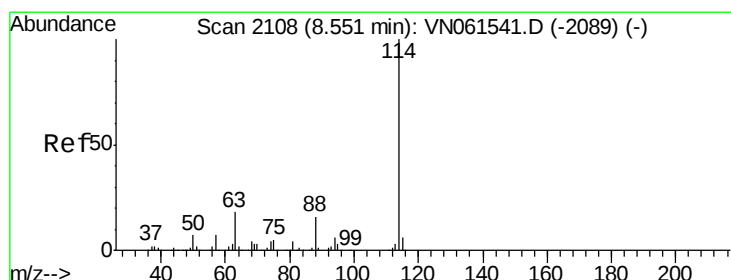
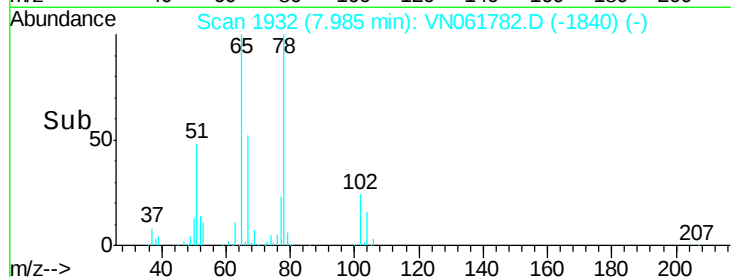
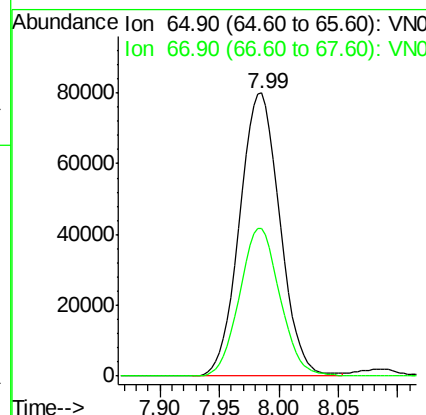
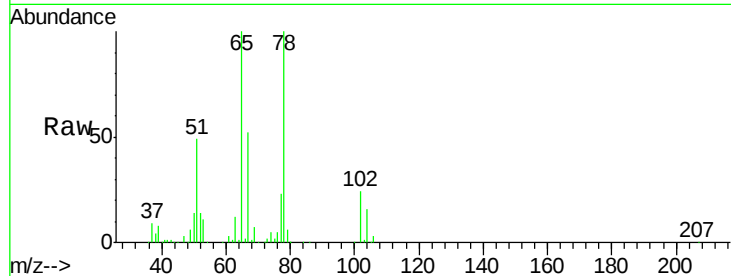
#33
 1,2-Dichloroethane-d4
 Concen: 48.715 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188103		
67	52.3	0.0	104.8	

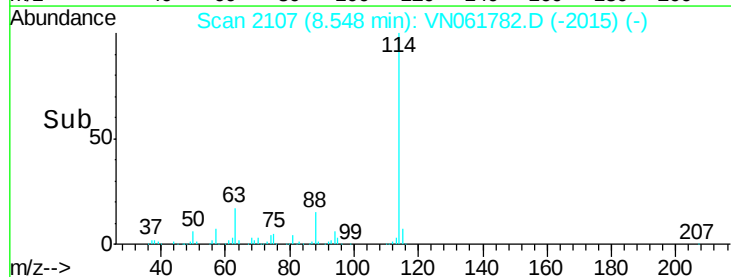
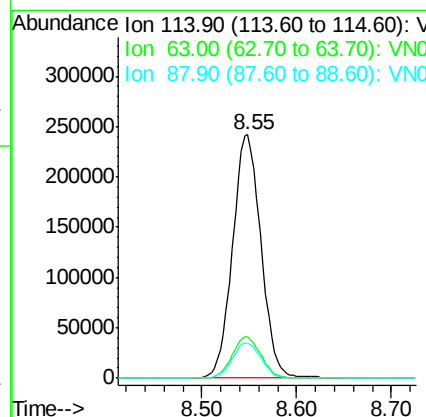
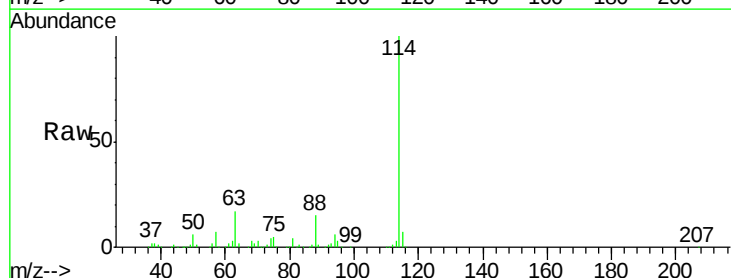
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	504305		
63	16.9	0.0	35.8	
88	14.5	0.0	31.0	





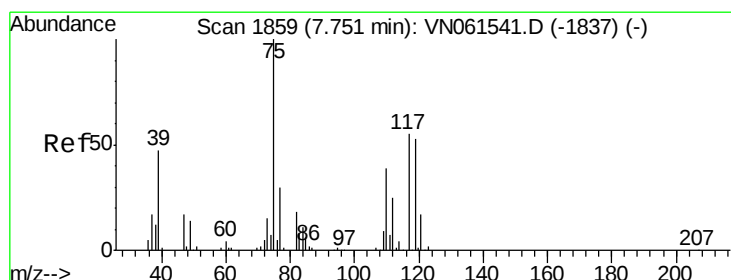
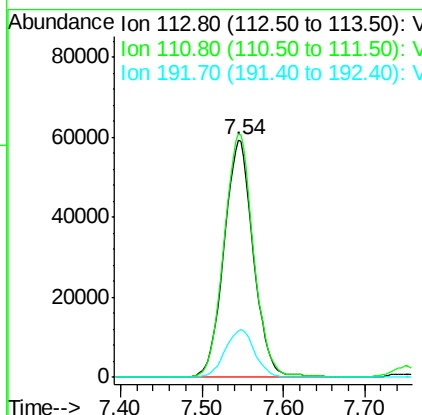
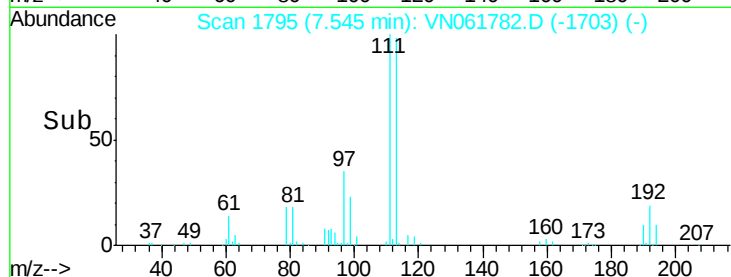
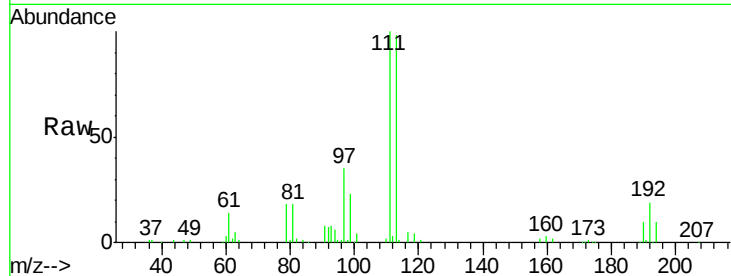
#35
 Dibromofluoromethane
 Concen: 58.881 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150631		
111	103.1	83.4	125.0	
192	20.2	15.4	23.2	

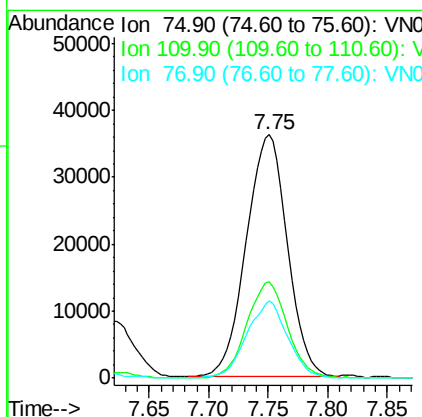
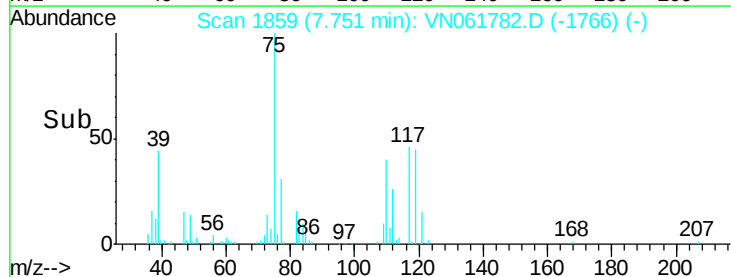
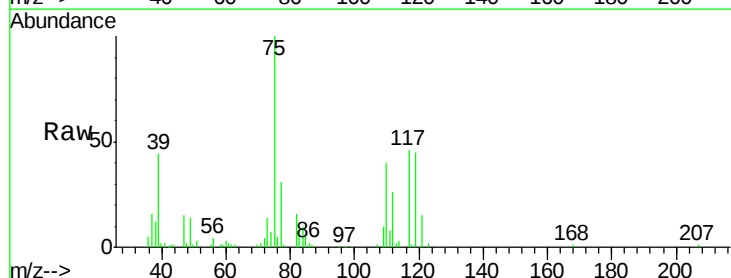
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#36
 1,1-Dichloropropene
 Concen: 19.440 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	86788		
110	39.0	19.5	58.5	
77	31.4	24.7	37.1	





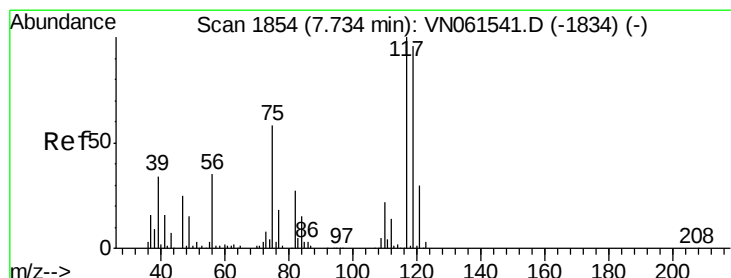
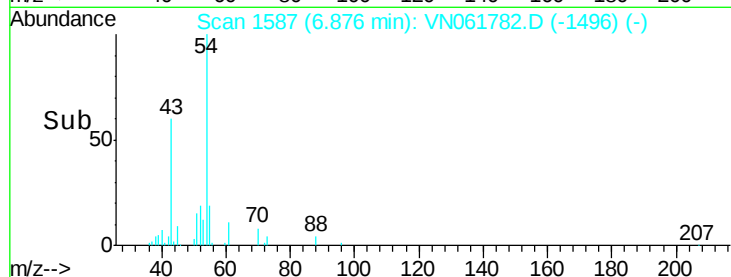
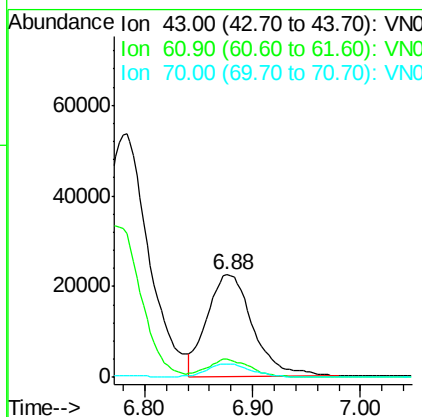
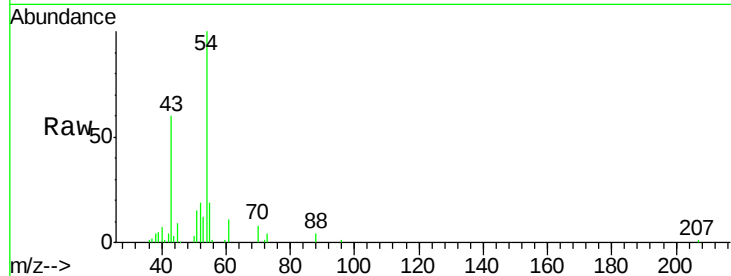
#37
Ethyl Acetate
Concen: 18.306 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	17.1	12.2	18.4	
70	13.1	9.4	14.2	

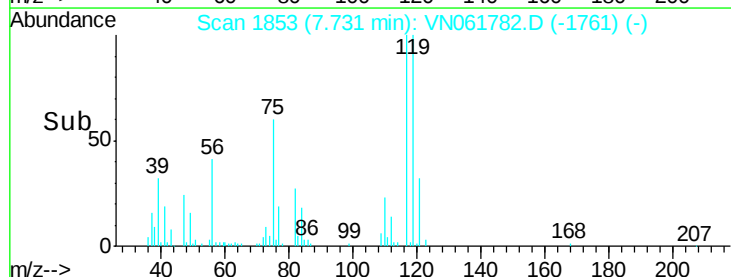
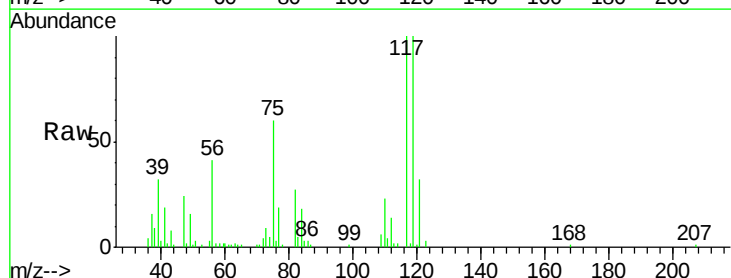
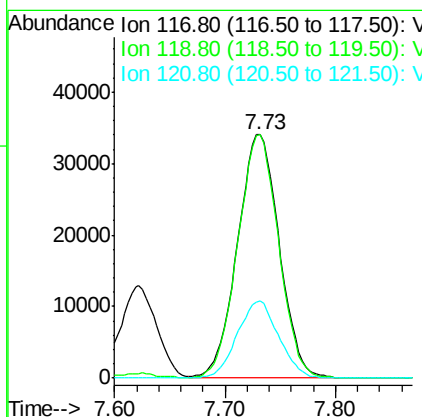
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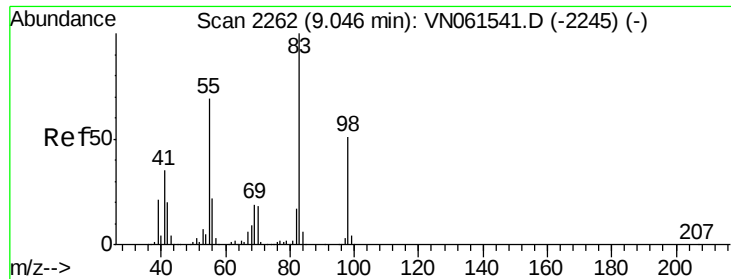
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#38
Carbon Tetrachloride
Concen: 20.753 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	100.0	76.5	114.7	
121	31.6	24.1	36.1	





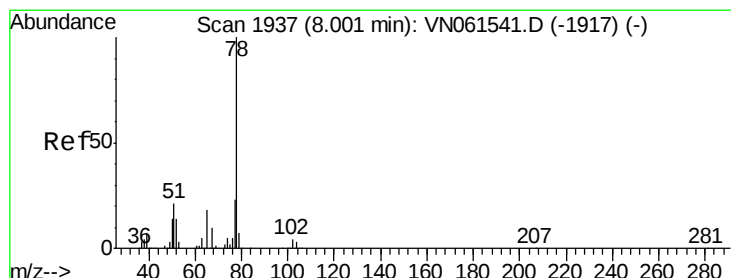
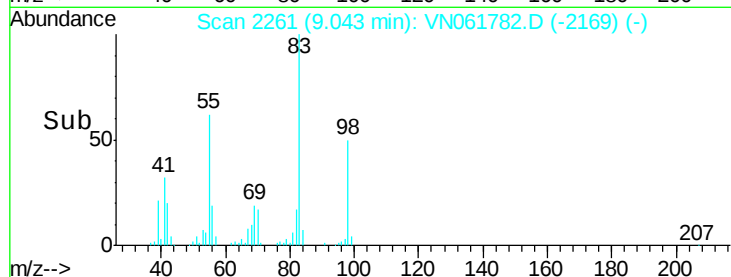
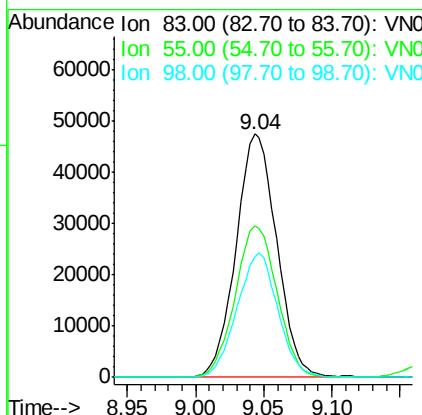
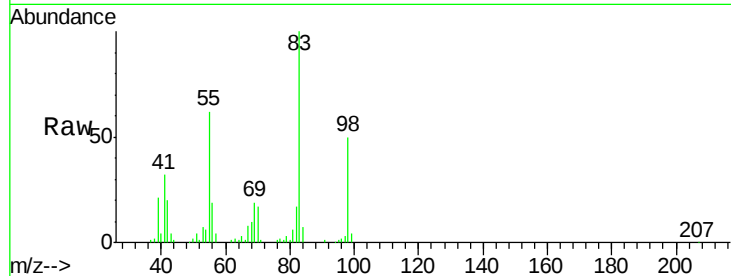
#39
Methvlcvclohexane
Concen: 17.871 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	62.3	54.9	82.3
98	49.8	41.0	61.4

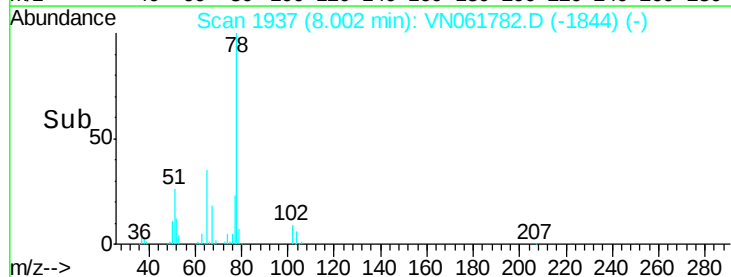
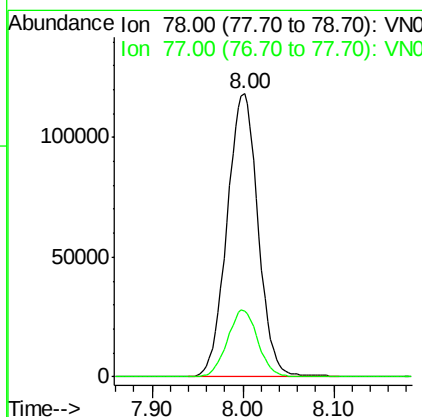
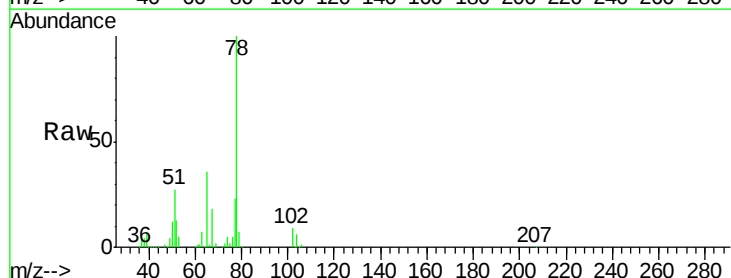
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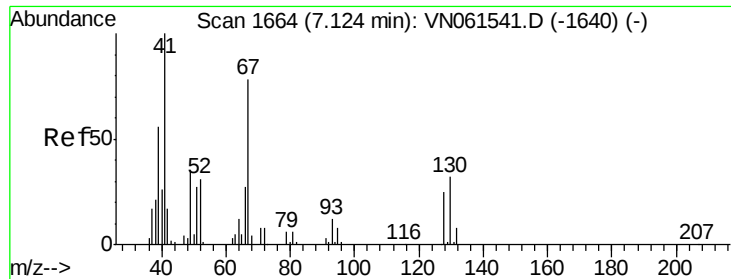
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#40
Benzene
Concen: 20.349 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





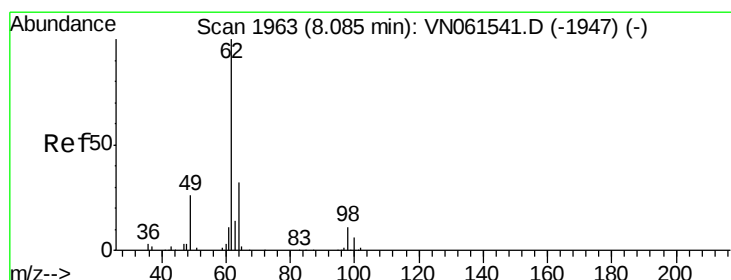
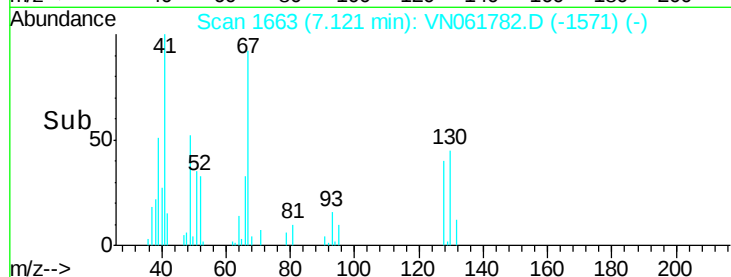
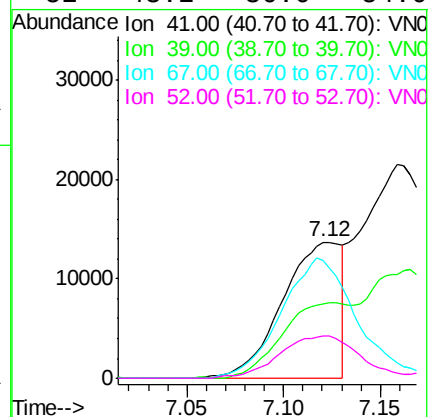
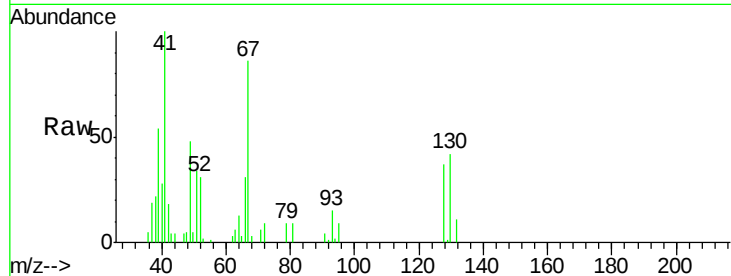
#41
Methacrylonitrile
Concen: 17.680 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.8	53.8	80.6	
67	112.7	91.1	136.7	
52	43.2	36.0	54.0	

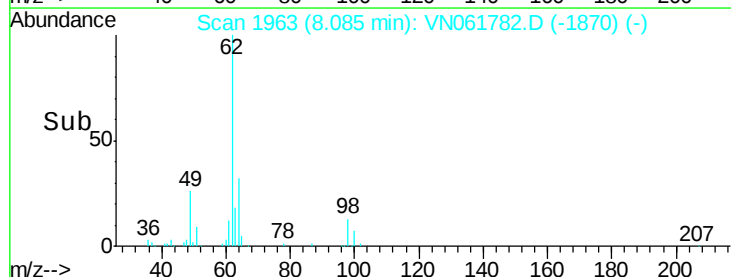
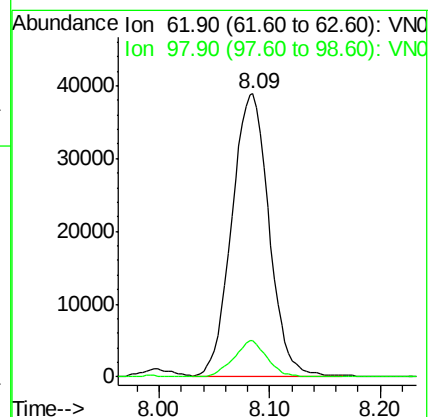
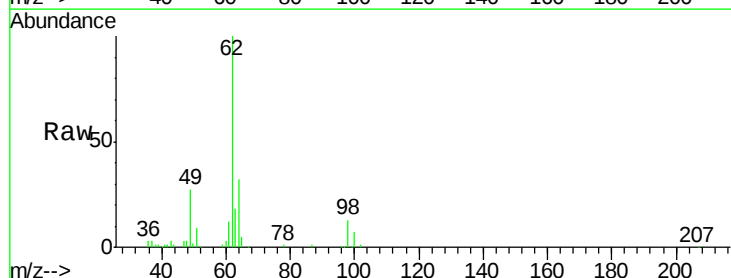
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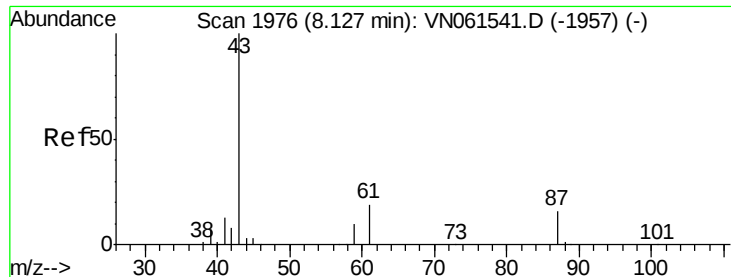
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#42
1,2-Dichloroethane
Concen: 19.807 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.4	0.0	21.4	





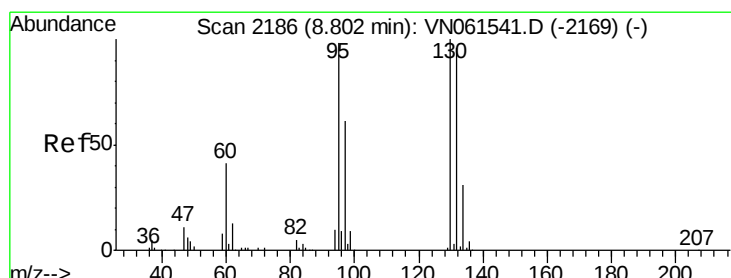
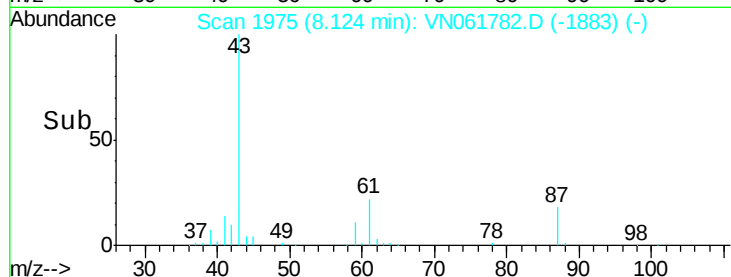
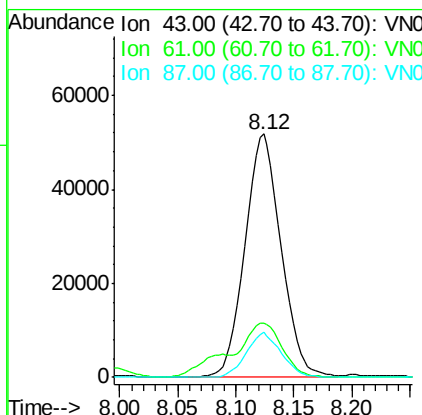
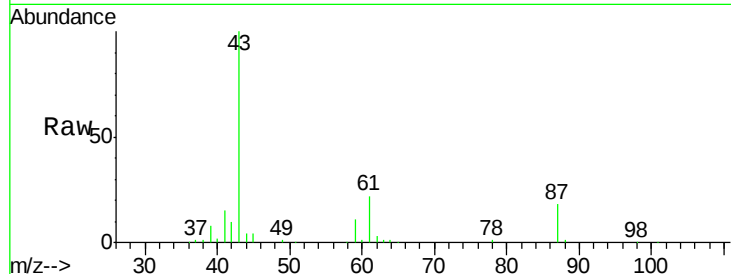
#43
Isopropyl Acetate
Concen: 17.441 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	23.6	35.4#
87	17.8	13.0	19.6

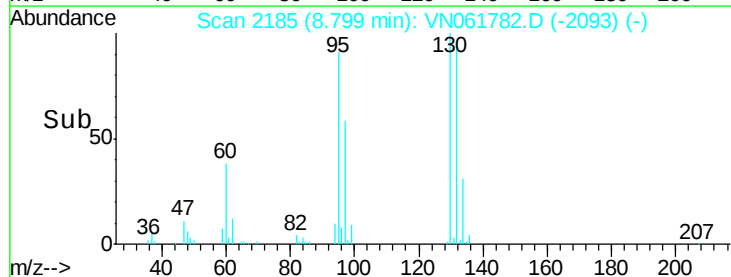
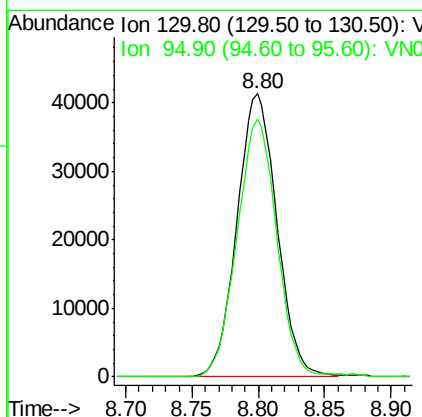
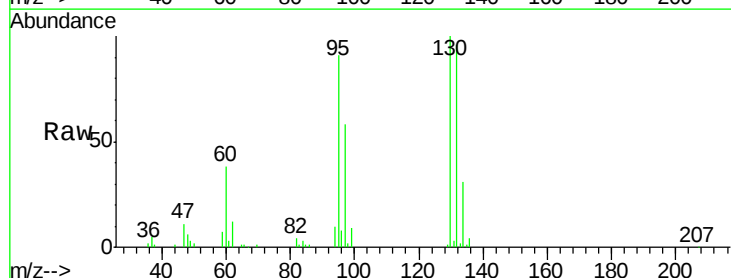
Manual Integrations
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6/15/2020 11:08:31 AM



#44
Trichloroethene
Concen: 20.427 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	196.6





#45

1,2-Dichloropropane

Concen: 21.062 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampled :

VN0612WBSD01

Tot Ion: 63 Resp: 68891

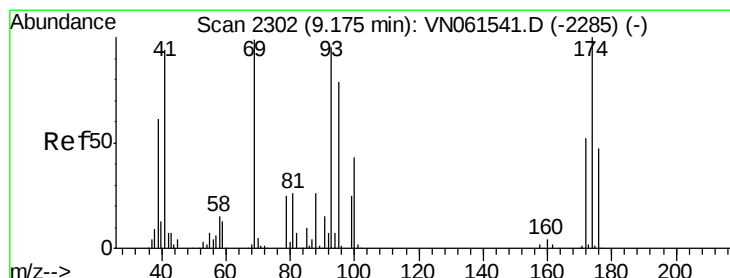
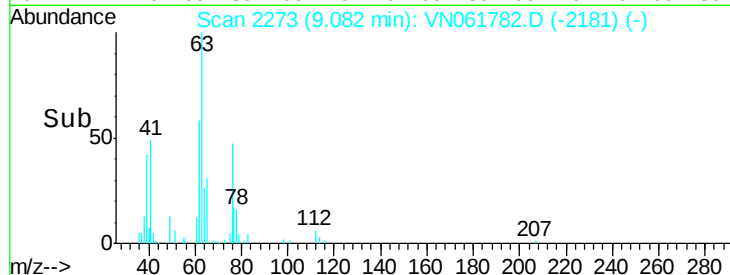
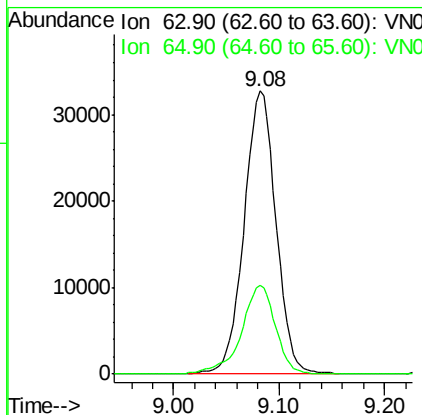
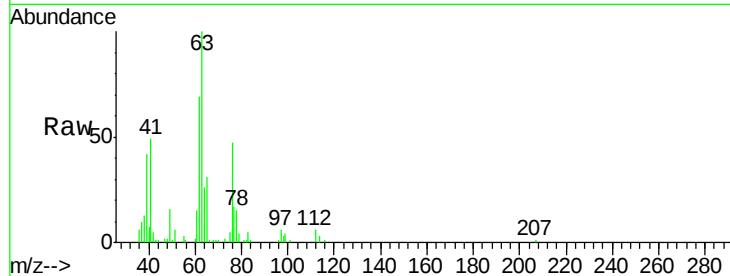
Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1

Manual Integrations
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#46

Dibromomethane

Concen: 20.116 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

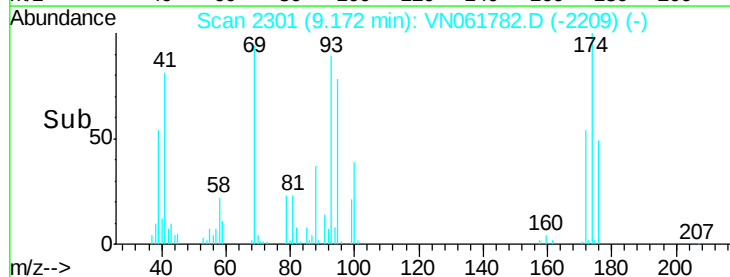
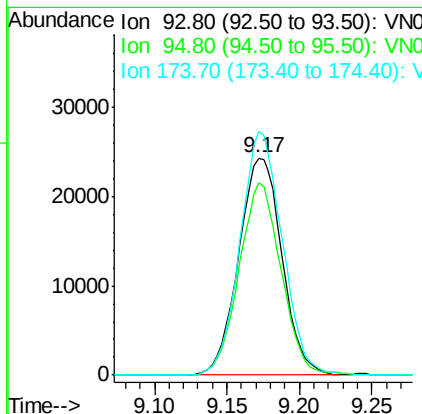
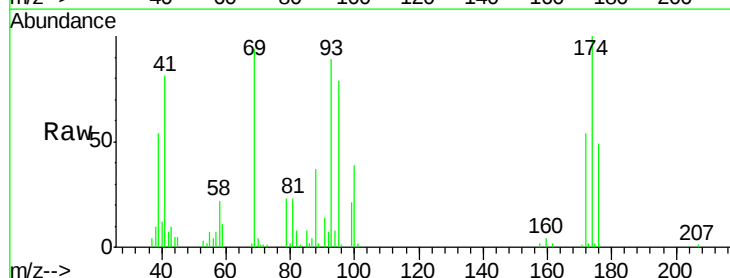
Tgt Ion: 93 Resp: 50464

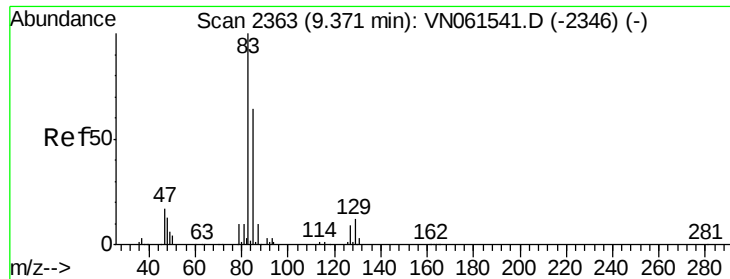
Ion Ratio Lower Upper

93 100

95 86.0 66.0 99.0

174 109.4 82.5 123.7





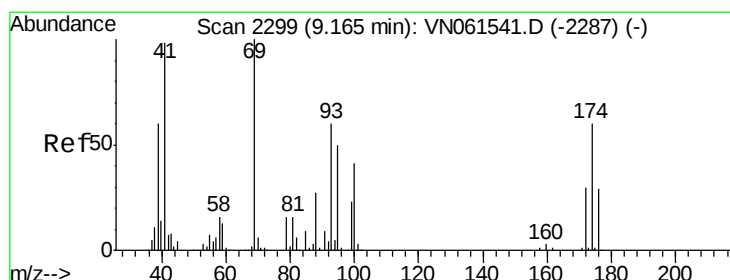
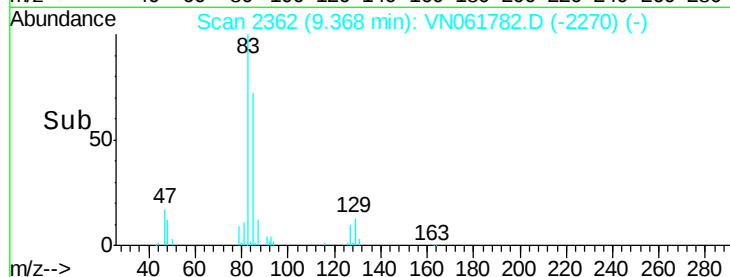
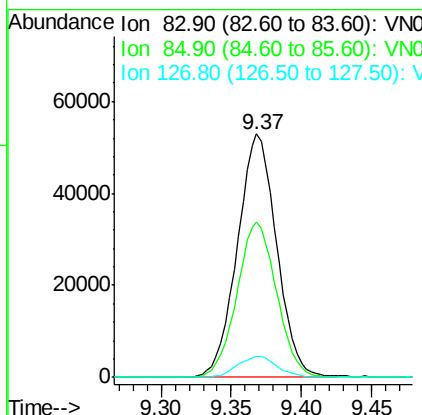
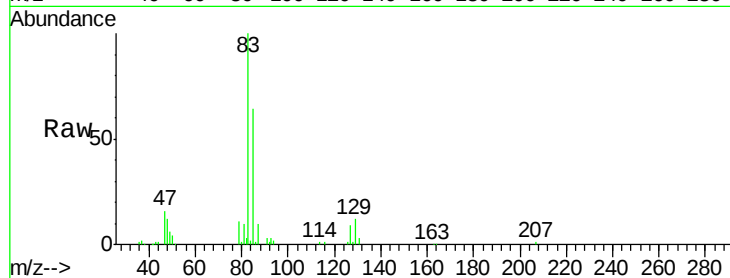
#47
Bromodichloromethane
Concen: 20.776 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.1	76.7
127	8.7	7.2	10.8

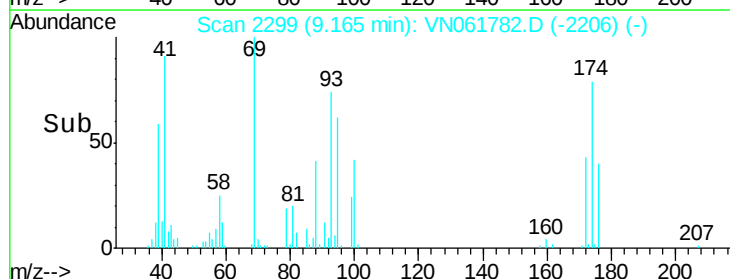
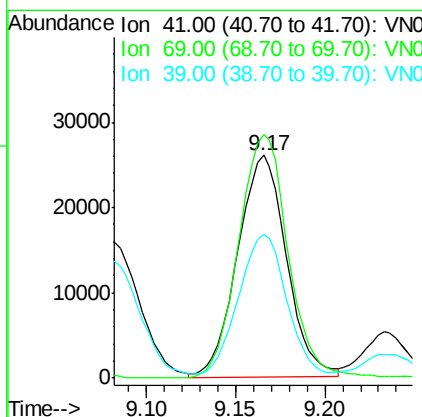
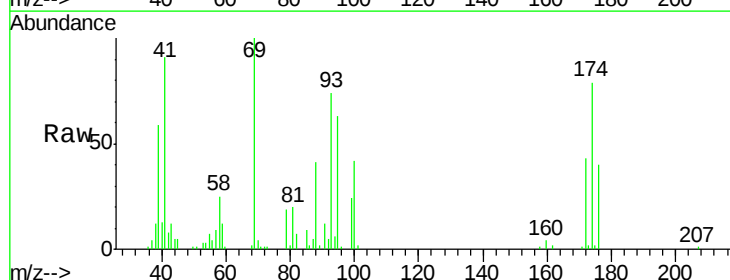
Manual Integrations
APPROVED

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#48
Methyl methacrylate
Concen: 17.133 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	111.1	83.9	125.9
39	65.2	52.1	78.1





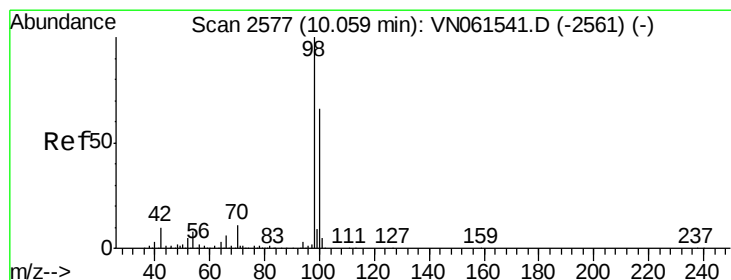
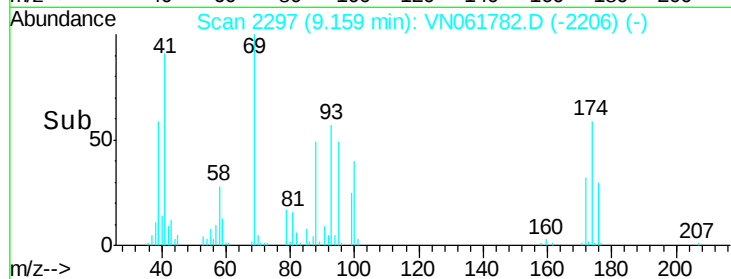
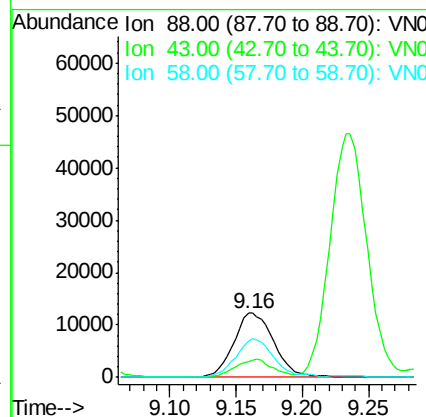
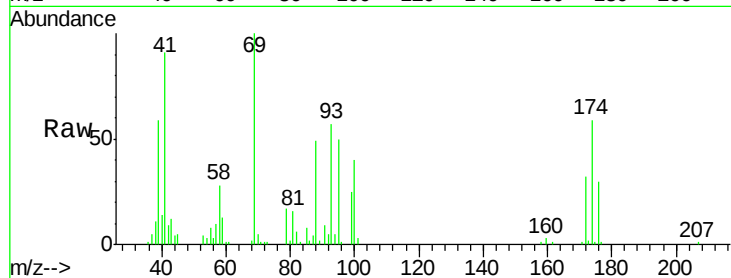
#49
1,4-Dioxane
Concen: 573.384 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.01 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.1	34.7
58	57.0	48.3	72.5

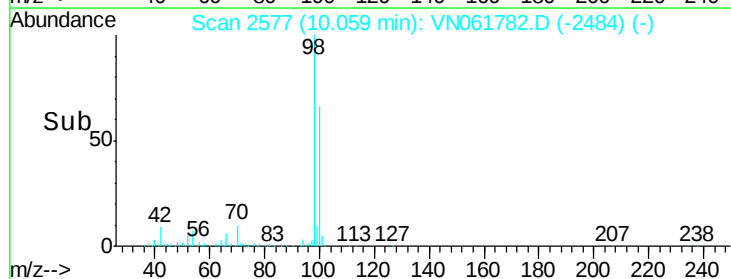
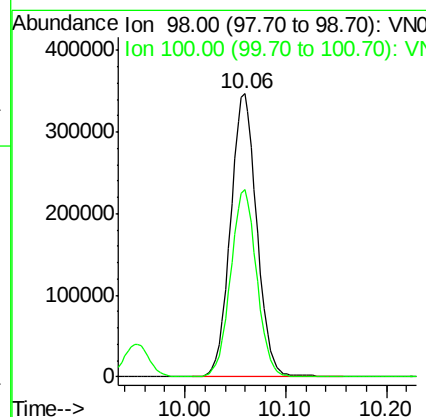
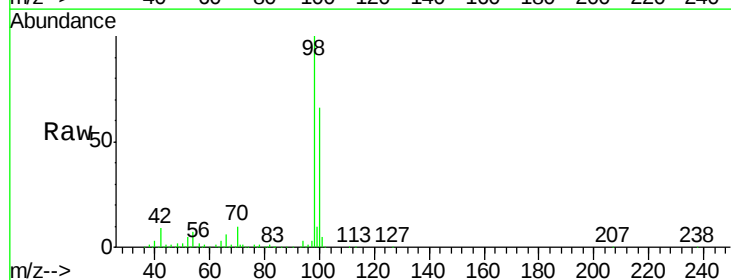
Manual Integrations
APPROVED

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#50
Toluene-d8
Concen: 53.179 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 92.632 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion: 43 Resp: 337697

Ion Ratio Lower Upper

43 100

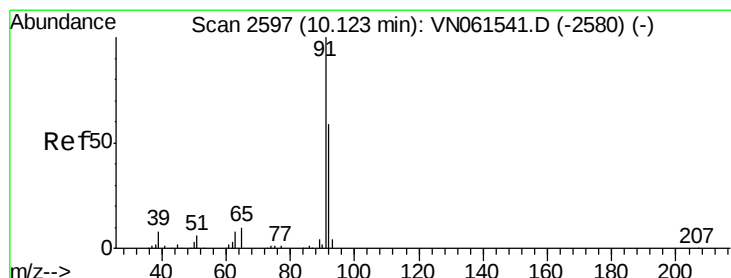
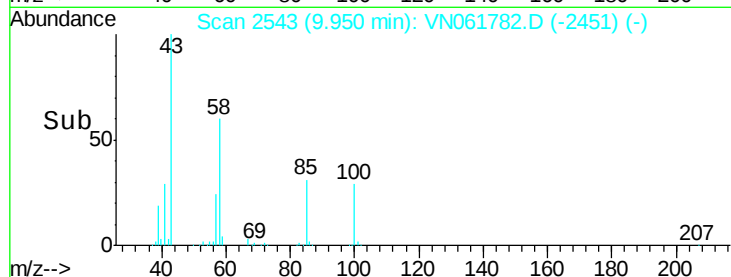
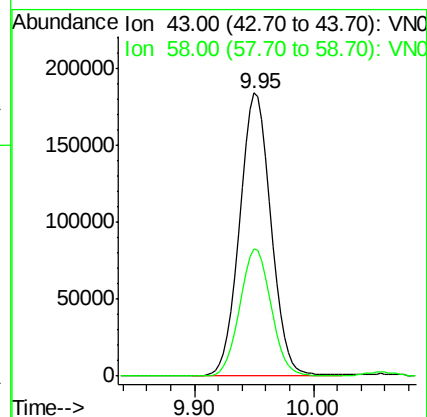
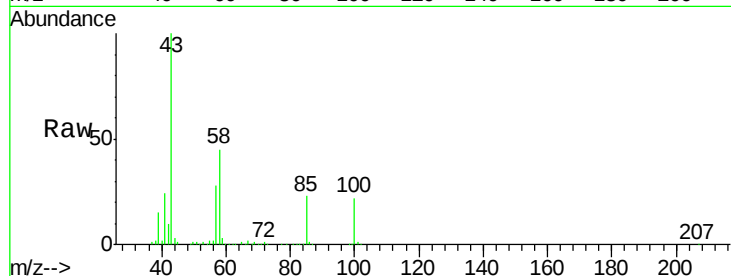
58 44.7 35.0 52.6

Manual Integrations

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#52

Toluene

Concen: 20.720 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061782.D

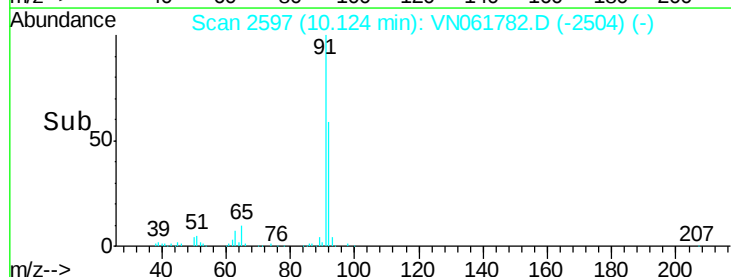
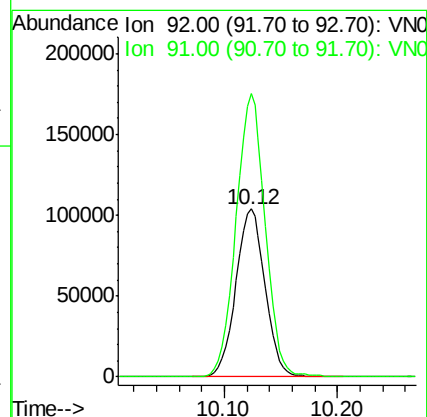
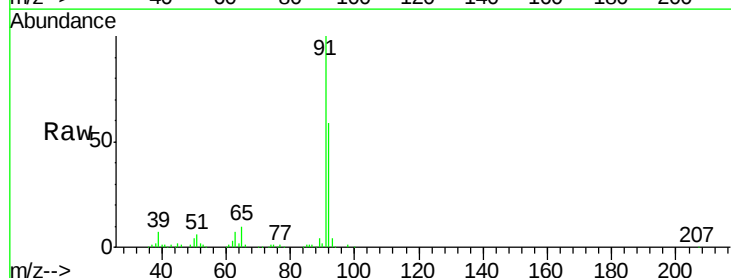
Acq: 12 Jun 2020 11:43

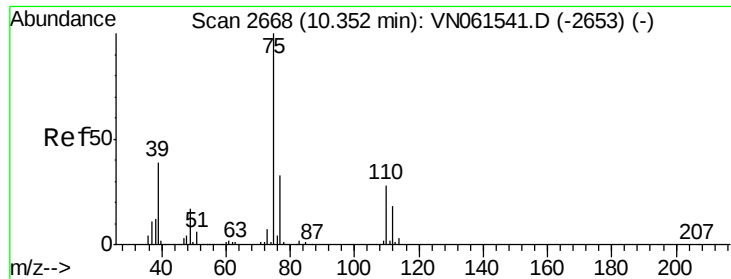
Tgt Ion: 92 Resp: 186285

Ion Ratio Lower Upper

92 100

91 168.6 136.4 204.6





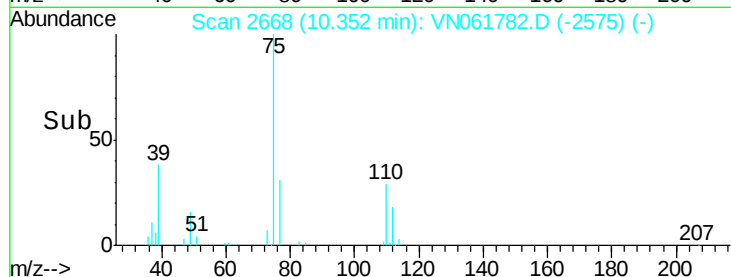
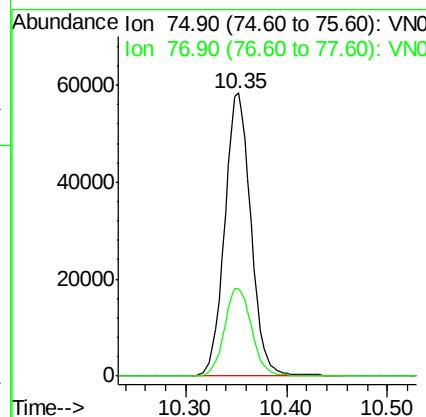
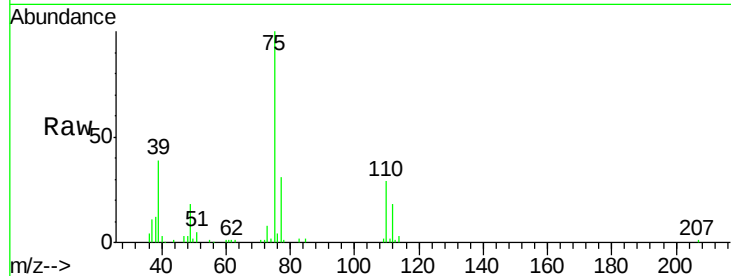
#53
t-1,3-Dichloropropene
Concen: 19.779 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.4

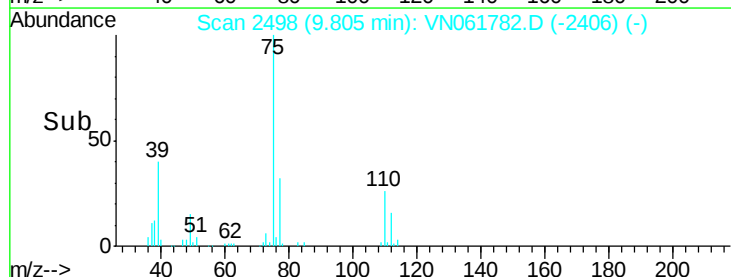
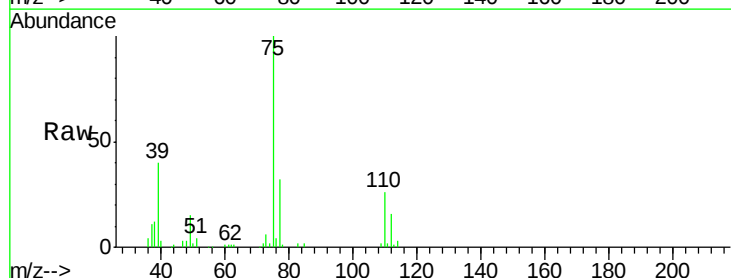
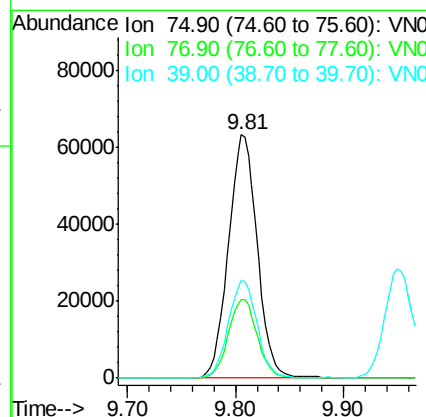
Manual Integrations
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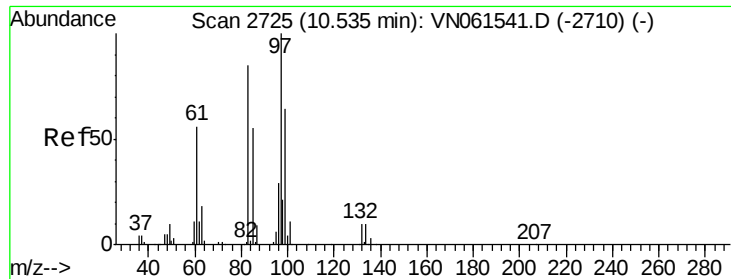
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.375 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2
39	40.2	33.8	50.6





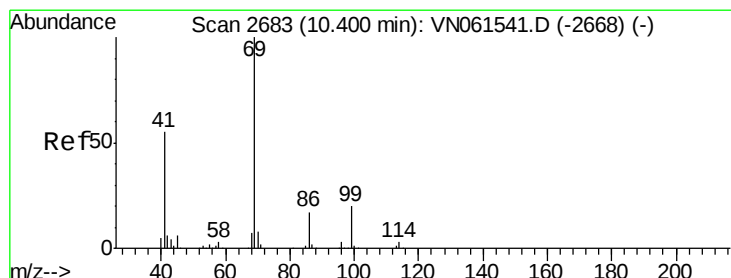
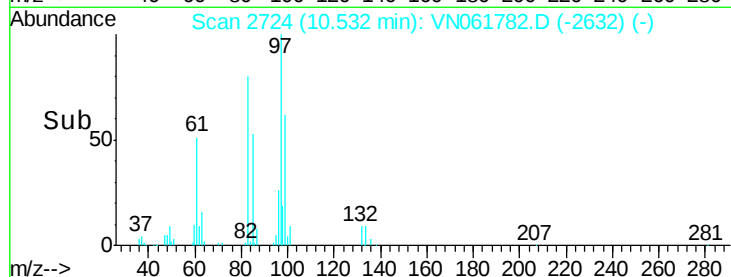
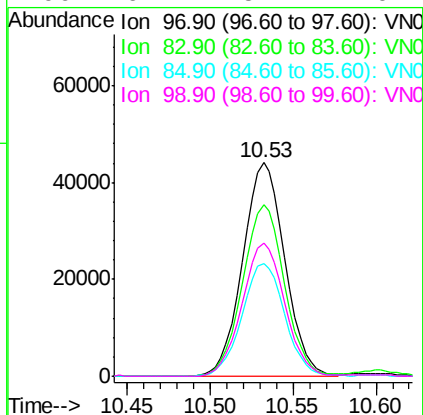
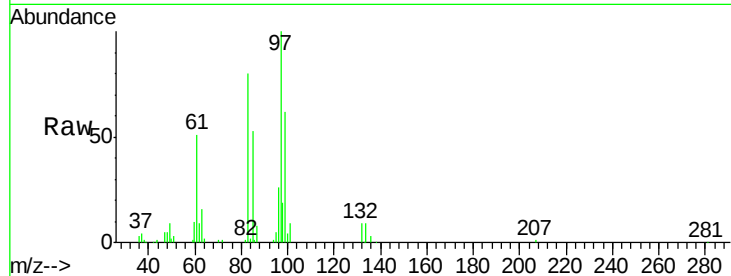
#55
 1,1,2-Trichloroethane
 Concen: 21.788 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		78043		
83	80.1	68.1	102.1		
85	52.7	44.1	66.1		
99	62.2	51.1	76.7		

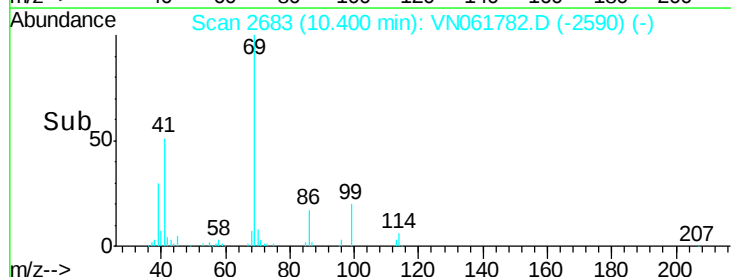
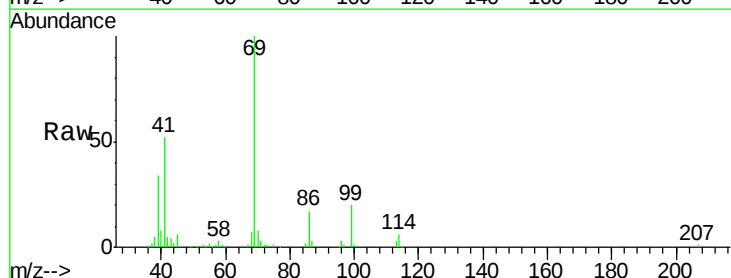
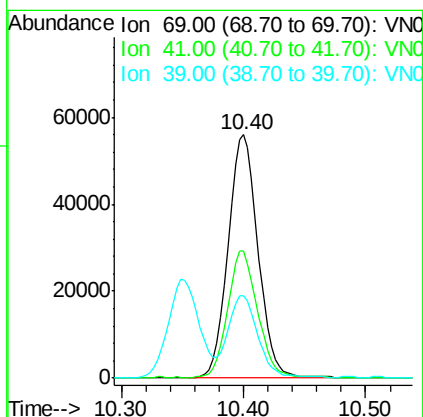
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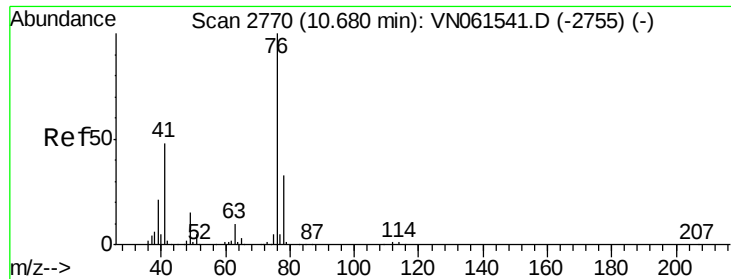
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#56
 Ethyl methacrylate
 Concen: 19.148 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		95810		
41	51.8	43.5	65.3		
39	33.9	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 20.896 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion: 76 Resp: 119711

Ion Ratio Lower Upper

76 100

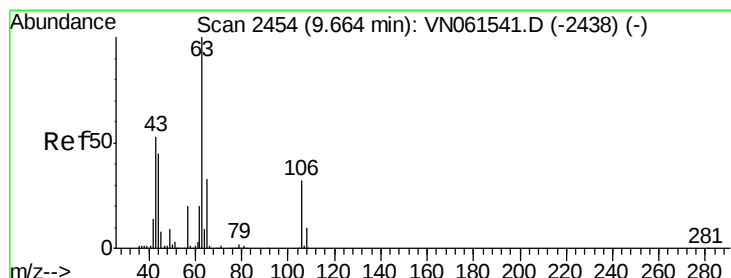
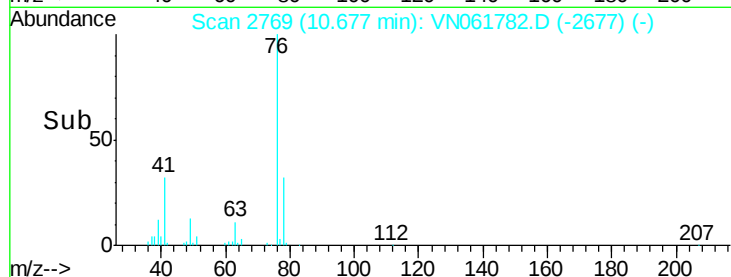
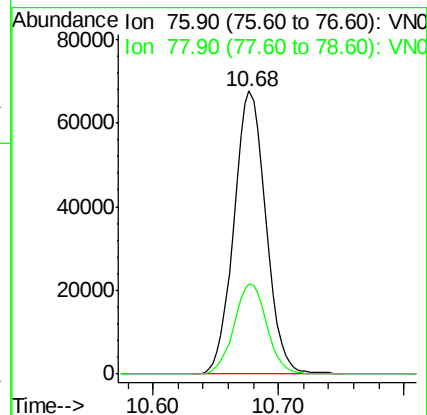
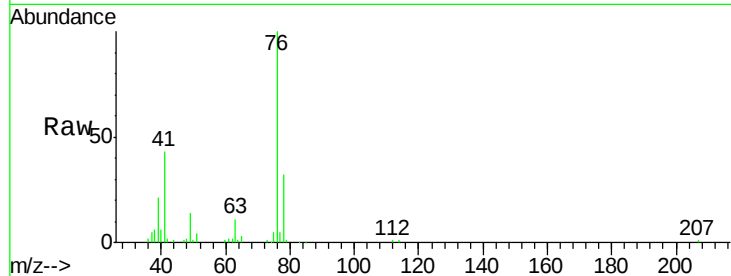
78 32.6 26.3 39.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 90.684 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061782.D

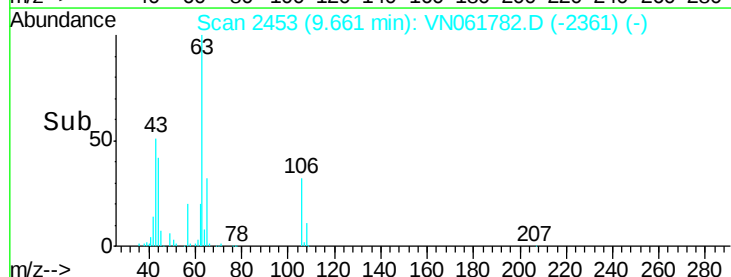
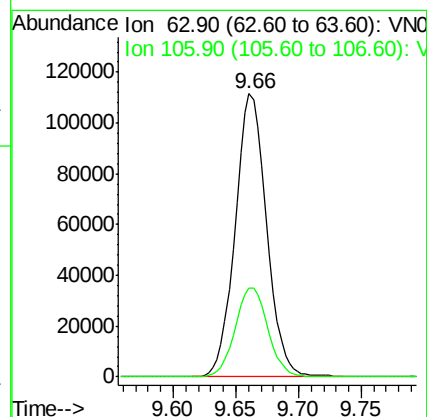
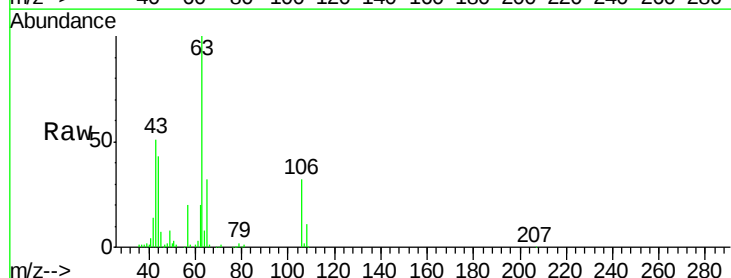
Acq: 12 Jun 2020 11:43

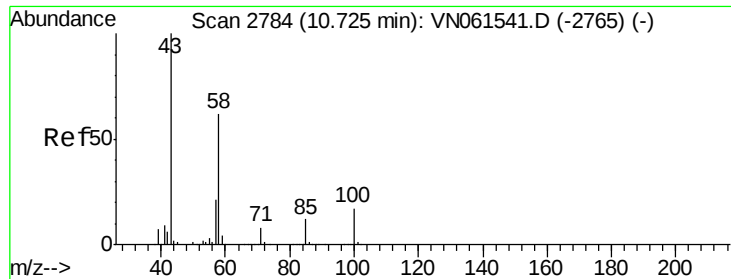
Tgt Ion: 63 Resp: 193906

Ion Ratio Lower Upper

63 100

106 32.8 25.9 38.9





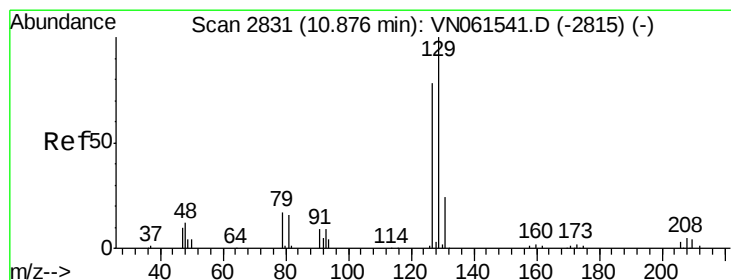
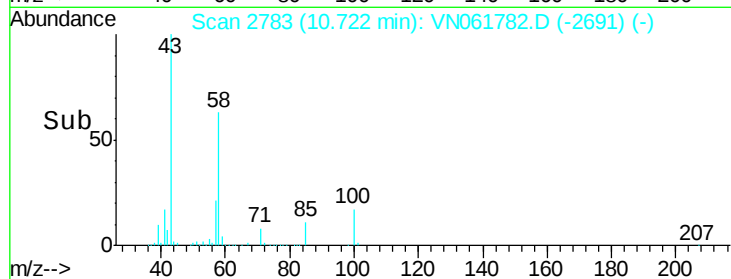
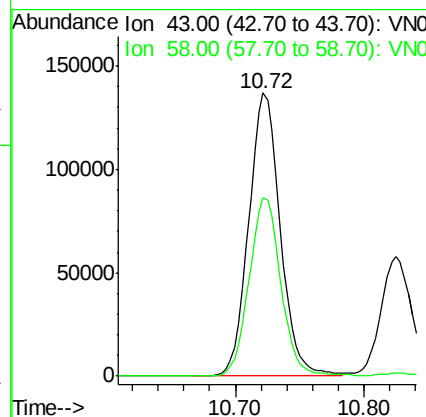
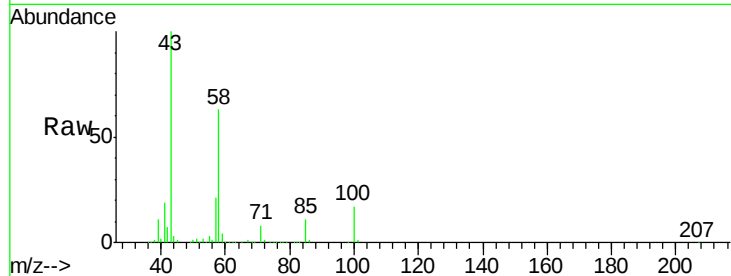
#59
2-Hexanone
Concen: 89.262 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion: 43 Resp: 233701
Ion Ratio Lower Upper
43 100
58 63.6 30.7 92.1

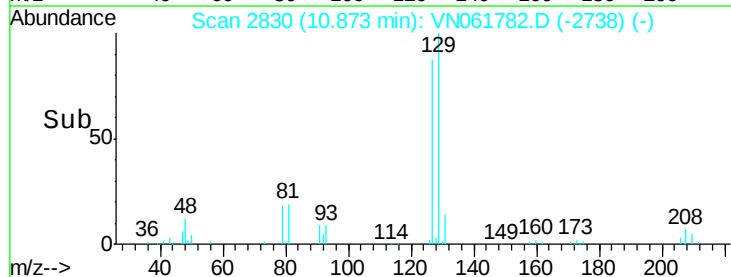
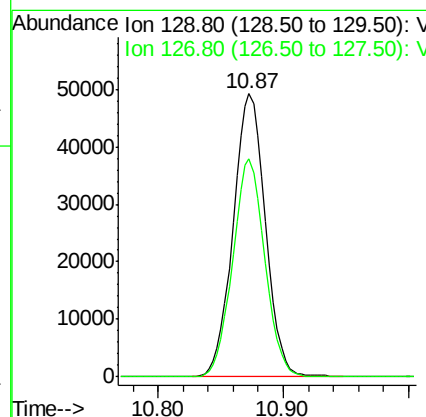
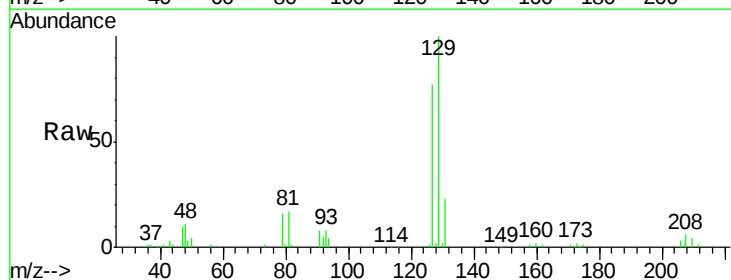
Manual Integrations
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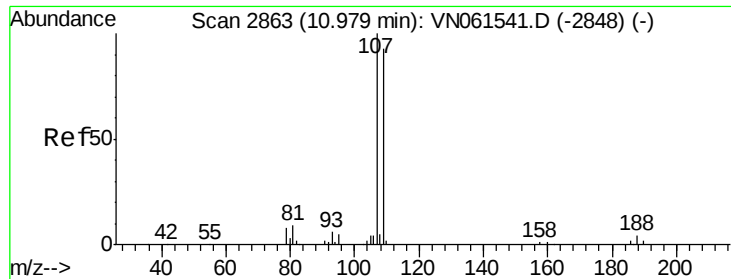
MMDadoda
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#60
Dibromochloromethane
Concen: 21.559 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion: 129 Resp: 87793
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3





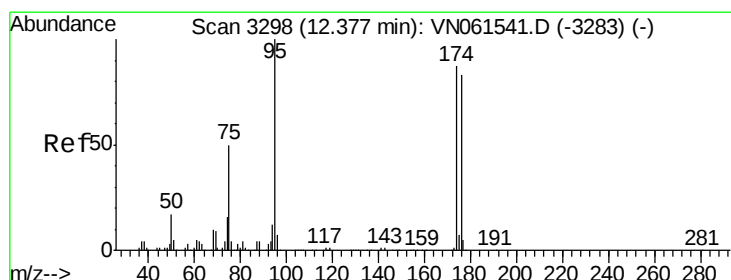
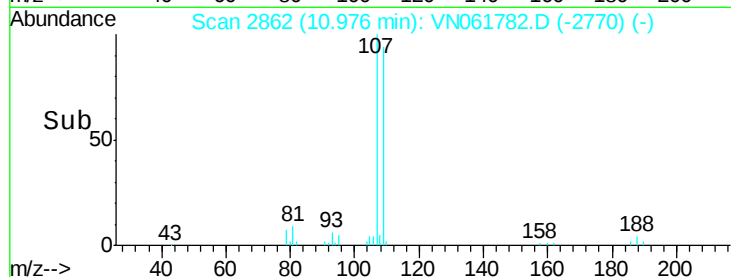
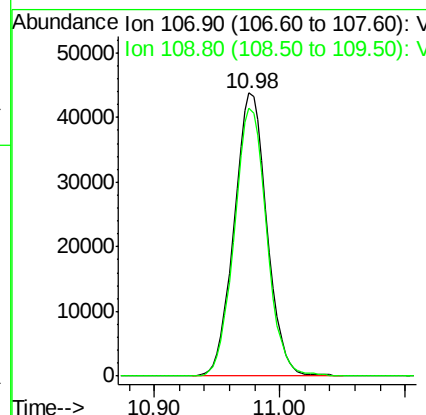
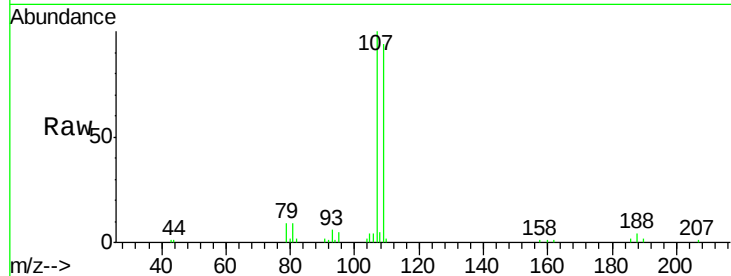
#61
 1,2-Dibromoethane
 Concen: 21.196 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	76.1	114.1

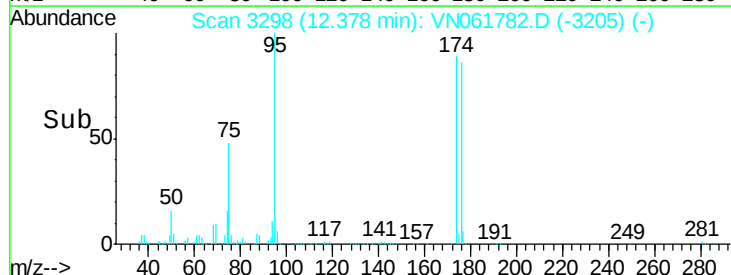
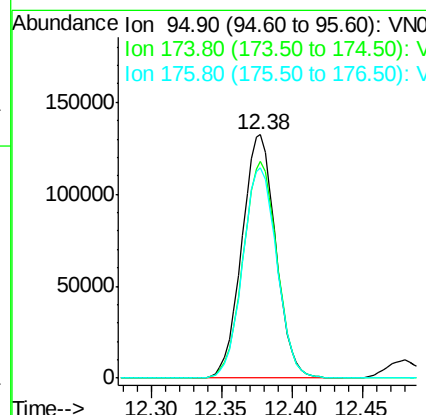
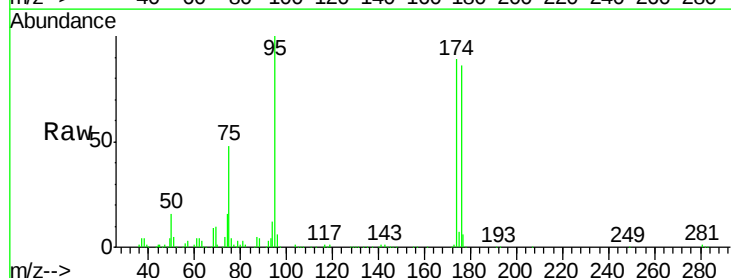
Manual Integrations
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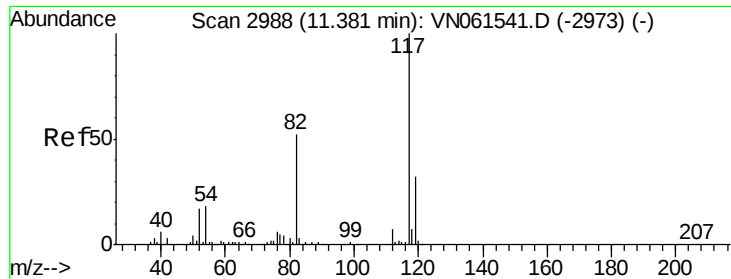
MMDadoda
 6/15/2020 11:08:31 AM



#62
 4-Bromofluorobenzene
 Concen: 51.668 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	172.8
176	87.2	0.0	164.8





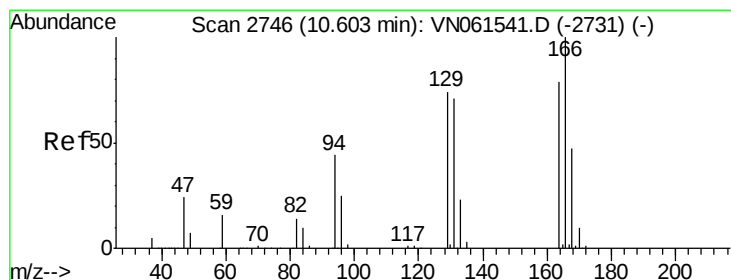
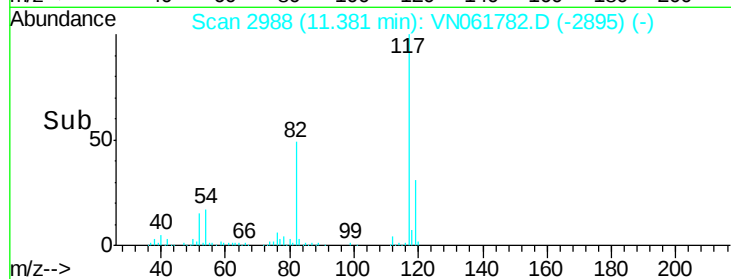
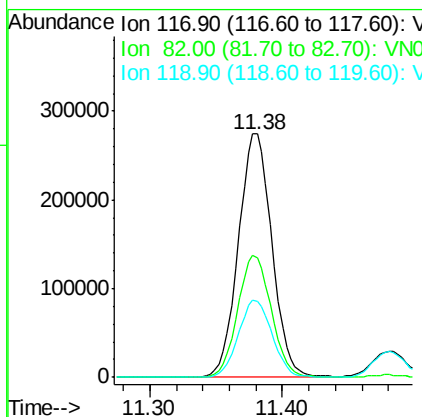
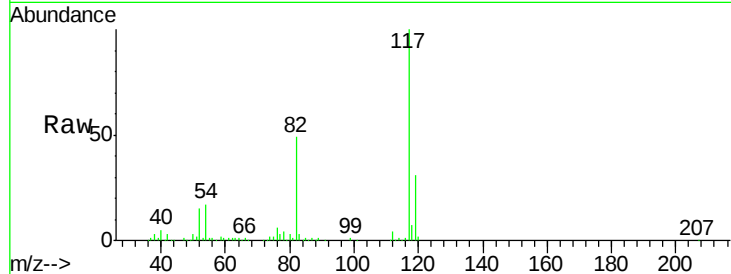
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	482678		
82	49.1		41.5	62.3
119	31.4		25.6	38.4

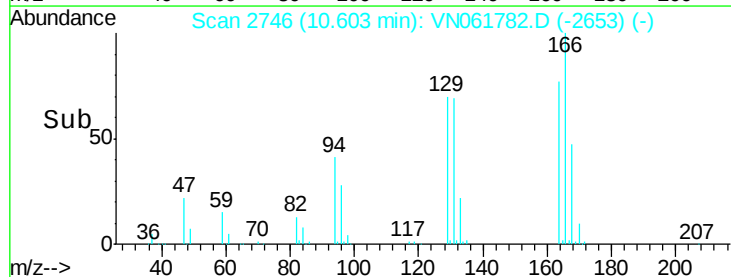
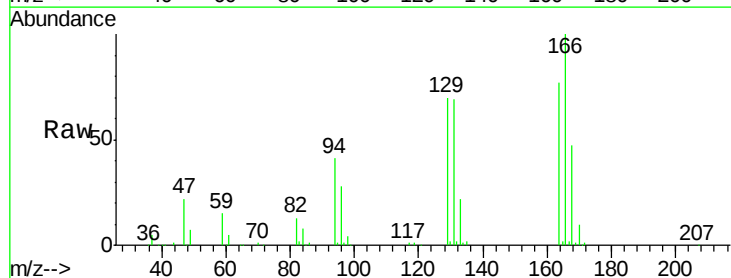
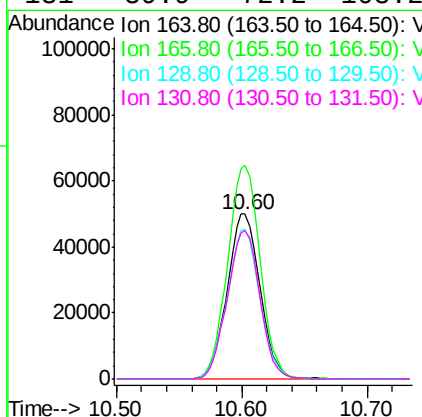
Manual Integrations
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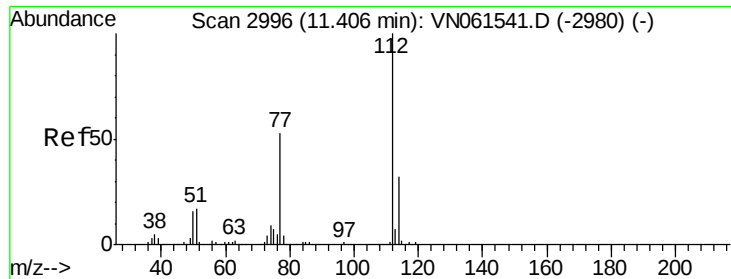
MMDadoda
6/15/2020 11:08:31 AM



#64
Tetrachloroethene
Concen: 19.939 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90593		
166	129.6		101.5	152.3
129	90.8		74.9	112.3
131	89.9		72.2	108.2





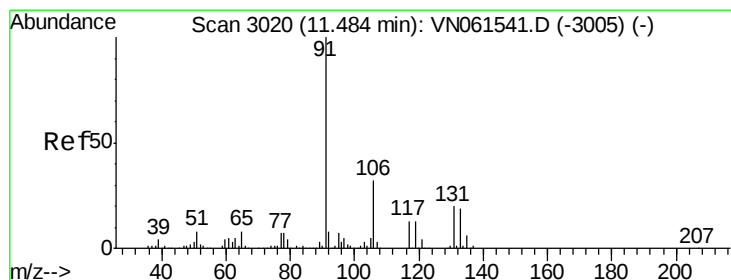
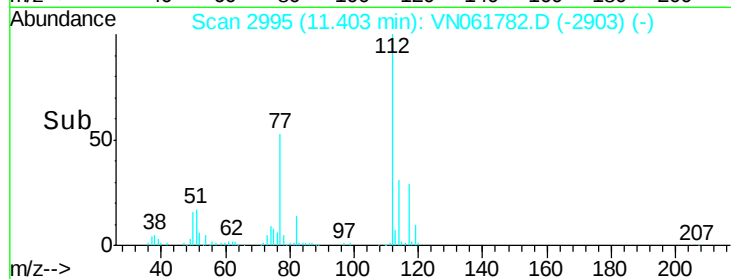
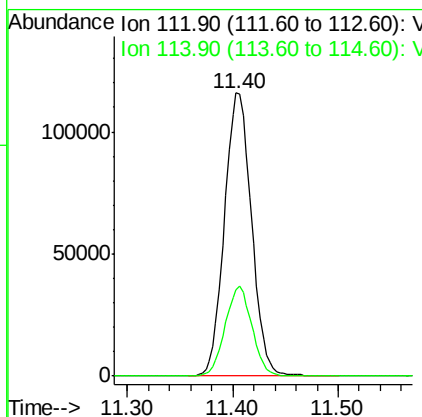
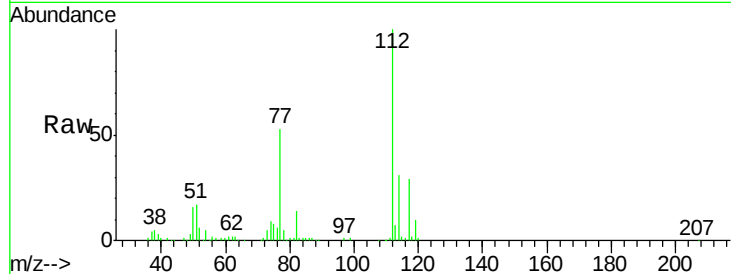
#65
Chlorobenzene
Concen: 20.517 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.6	25.7	38.5

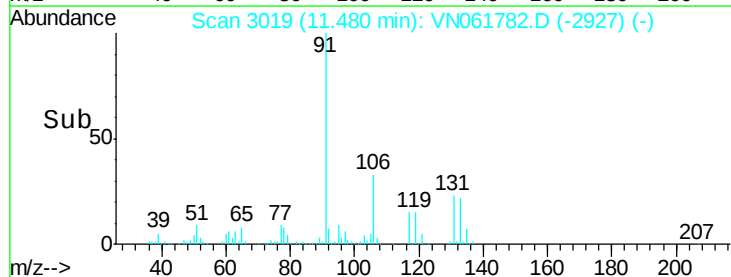
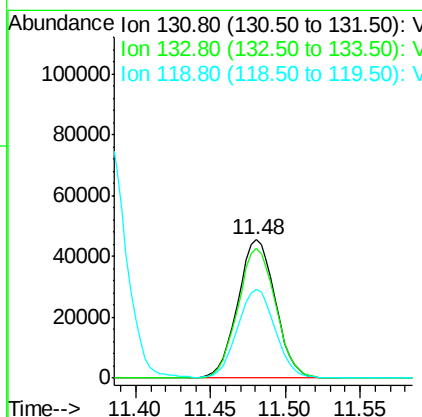
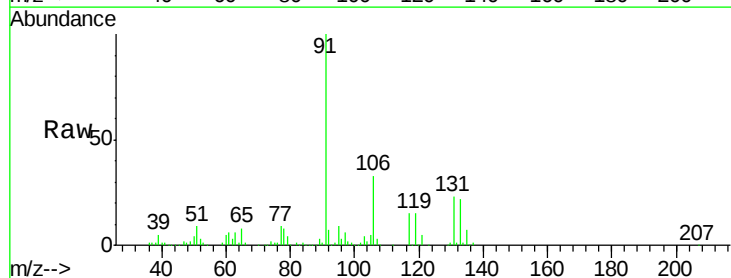
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.311 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.4	142.2
119	64.7	32.6	97.8





#67

Ethyl Benzene

Concen: 19.785 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion: 91 Resp: 343094

Ion Ratio Lower Upper

91 100

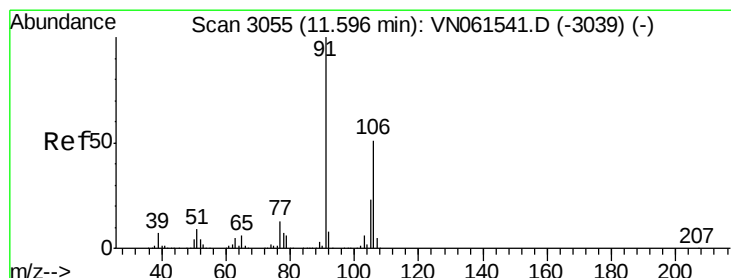
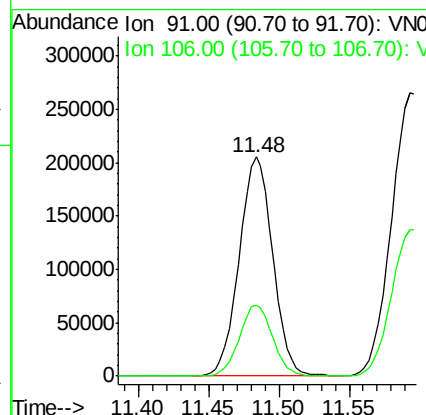
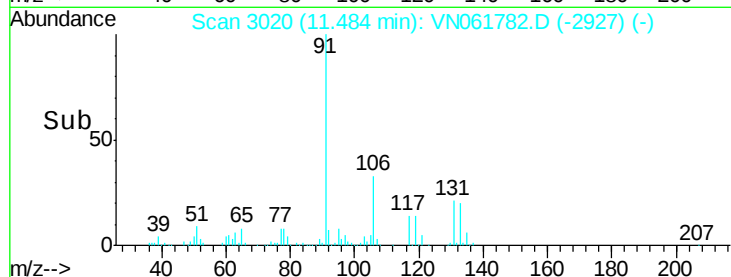
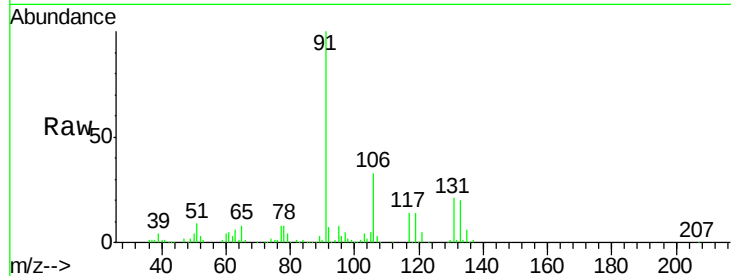
106 32.7 25.6 38.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.191 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061782.D

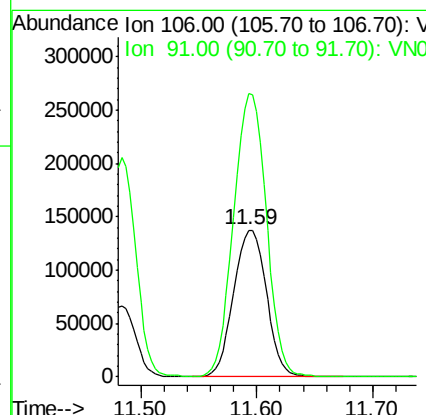
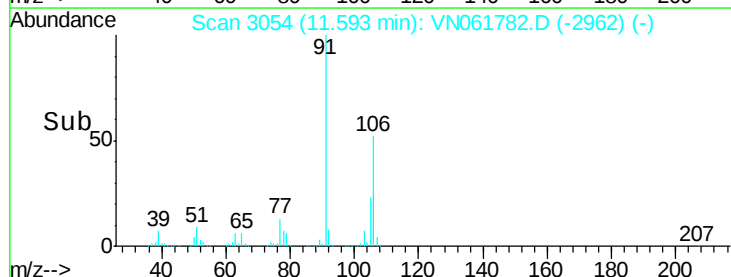
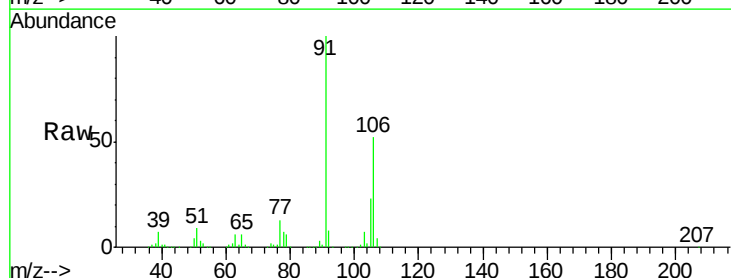
Acq: 12 Jun 2020 11:43

Tgt Ion: 106 Resp: 269468

Ion Ratio Lower Upper

106 100

91 193.0 156.2 234.4





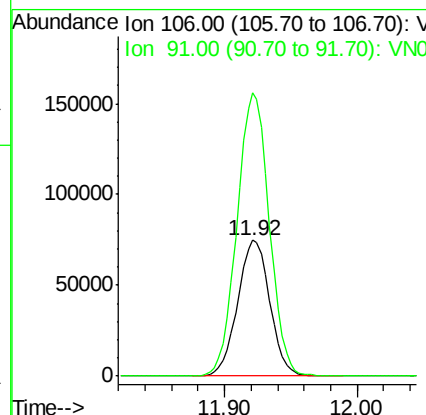
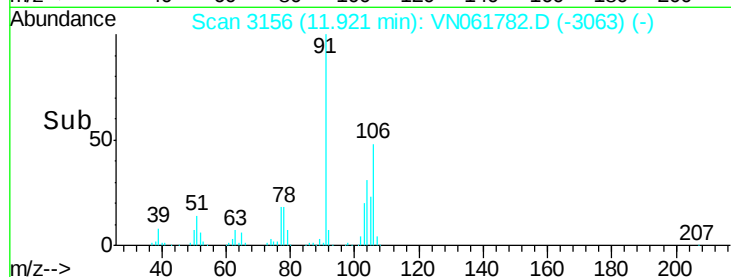
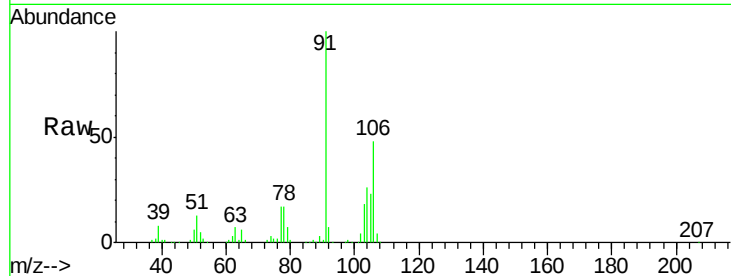
#69
o-Xylene
Concen: 19.320 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	208.1	103.3	126170	309.8	

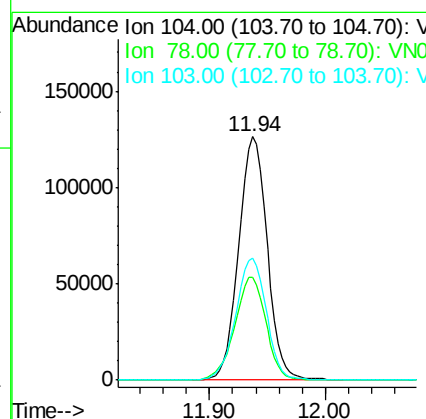
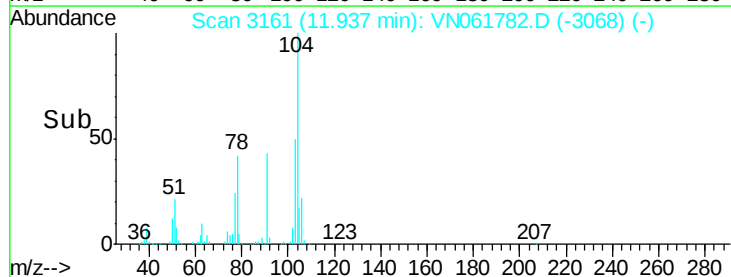
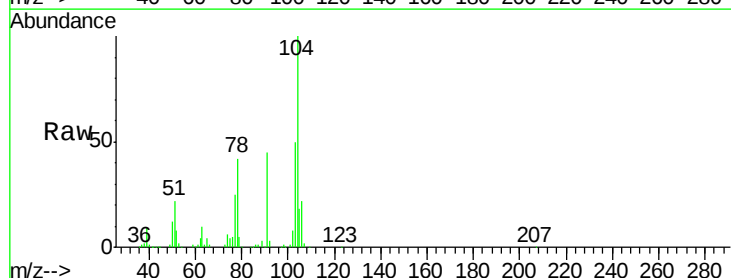
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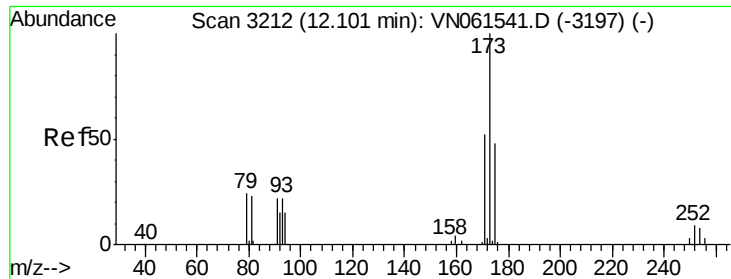
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#70
Styrene
Concen: 19.972 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	46.2	37.4	216003	56.0	
103	53.9	42.3		63.5	





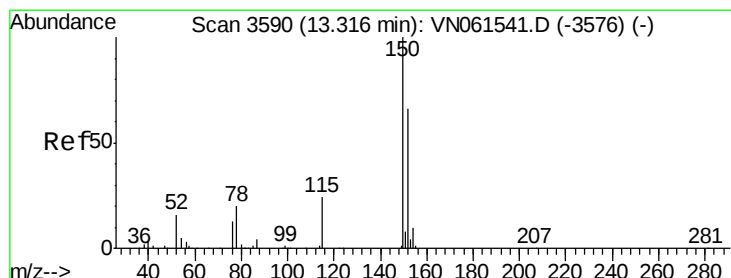
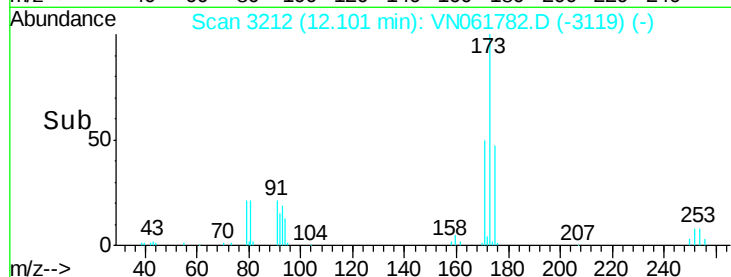
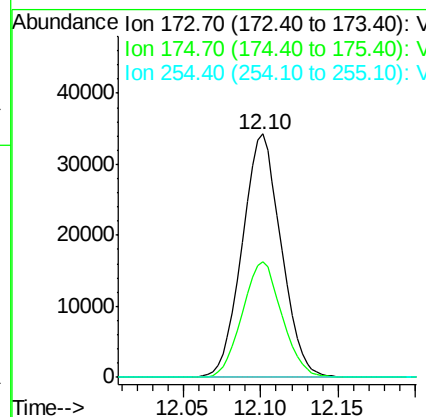
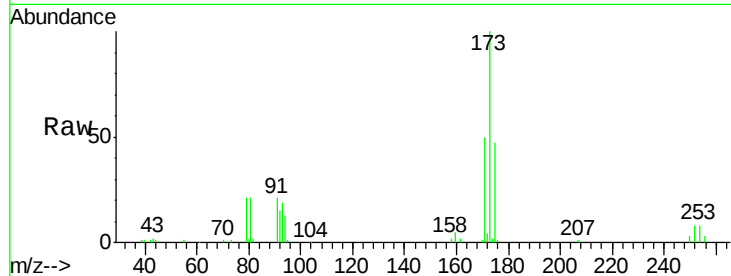
#71
Bromoform
Concen: 20.876 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.2
254	0.0	0.0	0.0

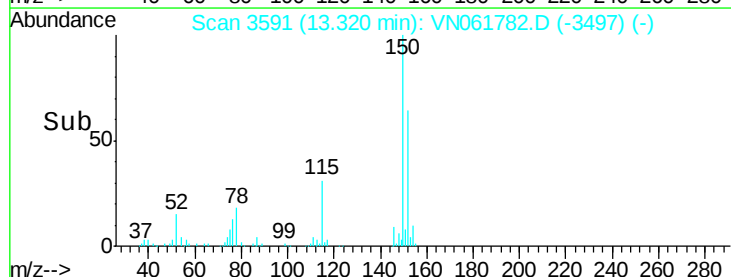
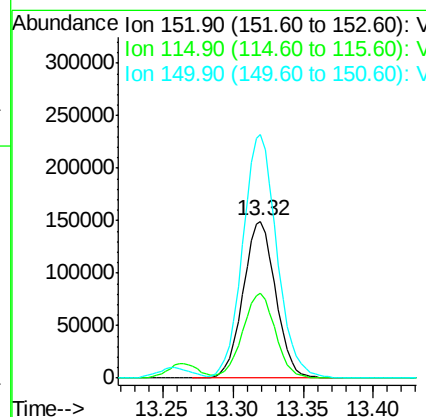
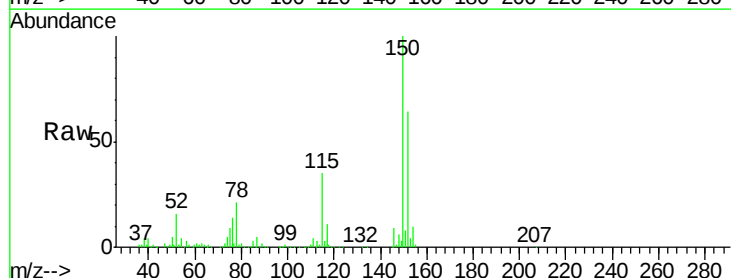
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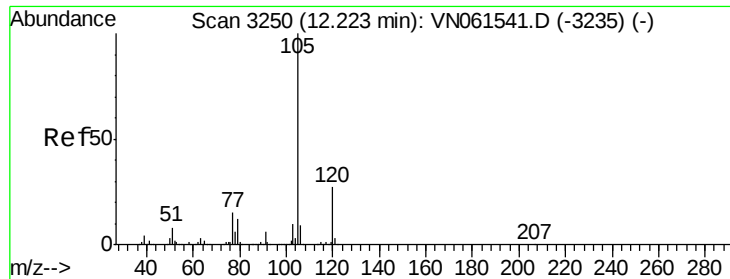
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.0	84.0
150	162.8	0.0	344.0





#73

Isopropylbenzene

Concen: 19.158 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion: 105 Resp: 338281

Ion Ratio Lower Upper

105 100

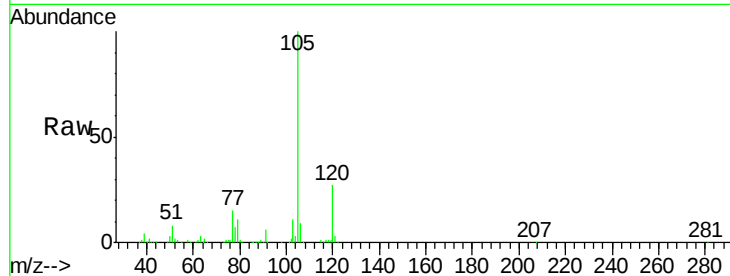
120 27.1 13.8 41.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

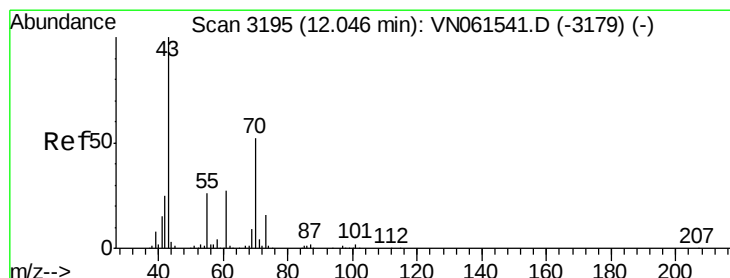
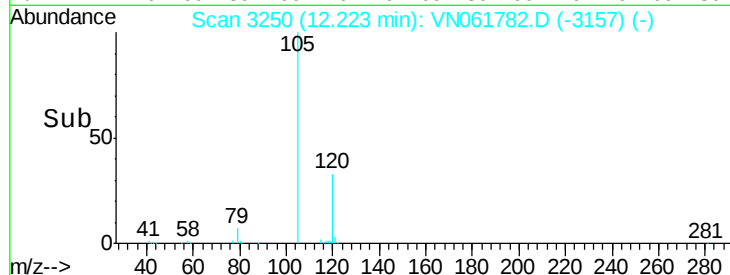
50000

0

12.22

12.30

Time-->



#74

N-ethyl acetate

Concen: 16.753 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion: 43 Resp: 93160

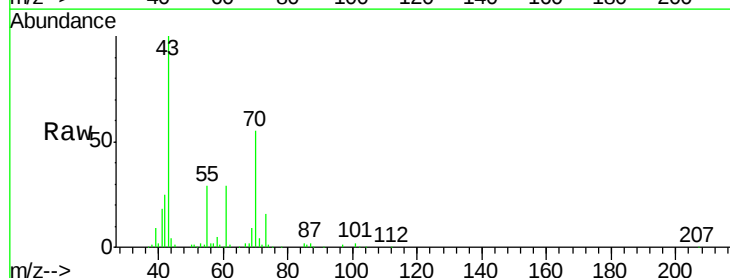
Ion Ratio Lower Upper

43 100

70 53.8 40.5 60.7

55 28.7 20.6 31.0

61 28.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

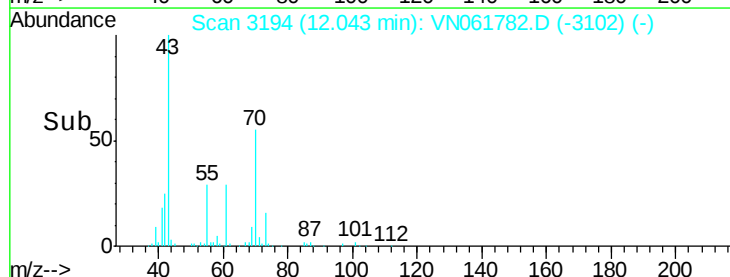
20000

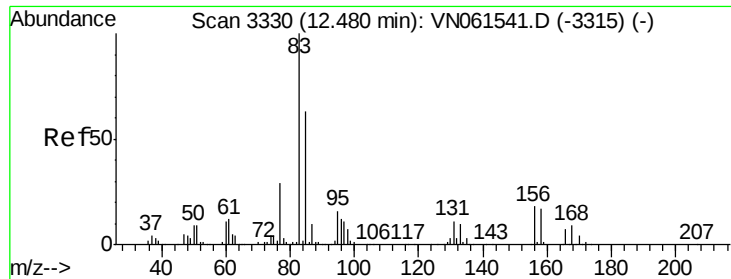
0

12.04

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.682 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

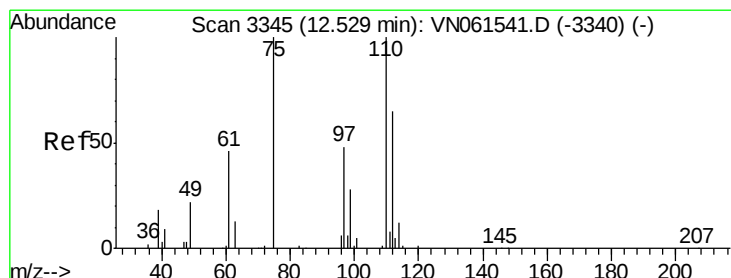
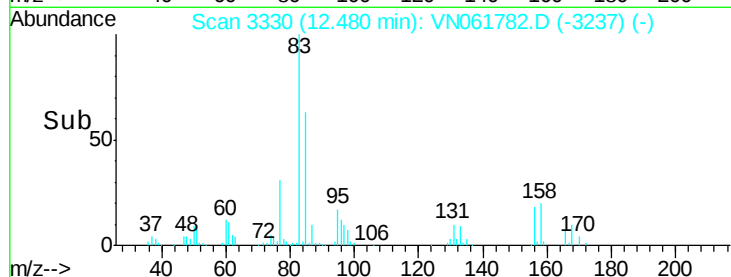
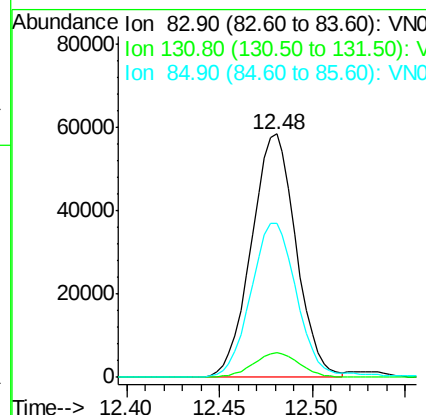
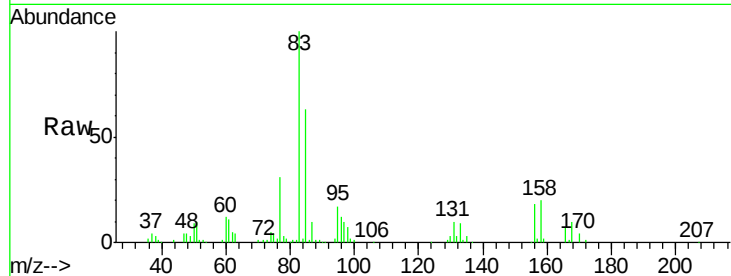
ClientSampleId :

VN0612WBSD01

Tot Ion:	83	Resp:	97391
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.5
85	66.1	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 18.721 ug/l m

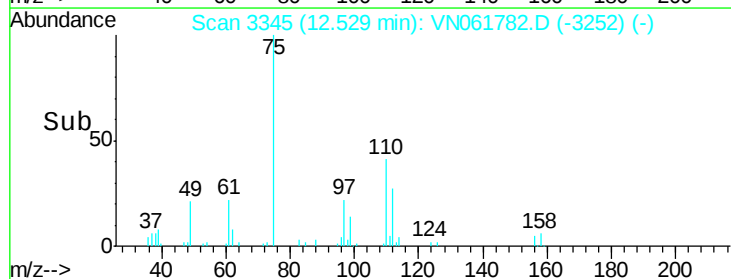
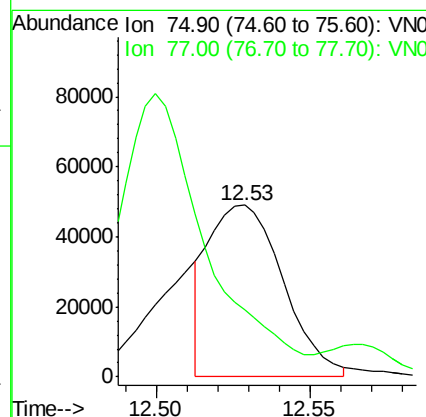
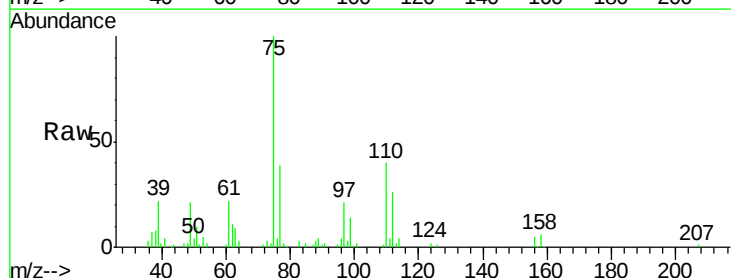
RT: 12.53 min Scan# 3345

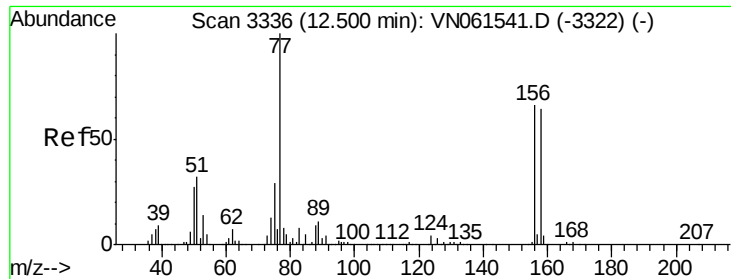
Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion:	75	Resp:	82358
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





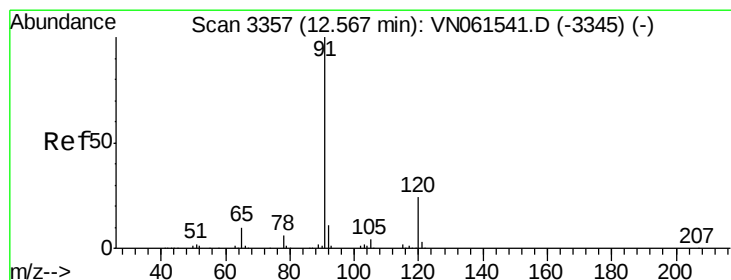
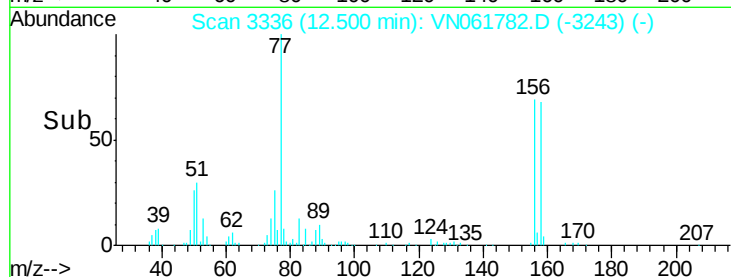
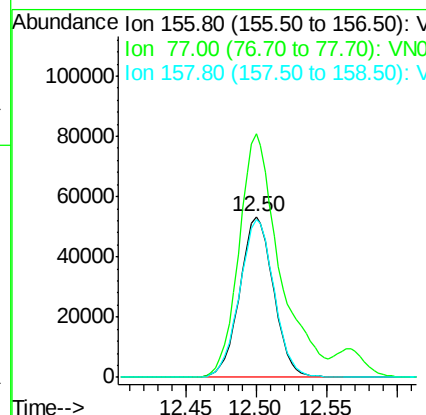
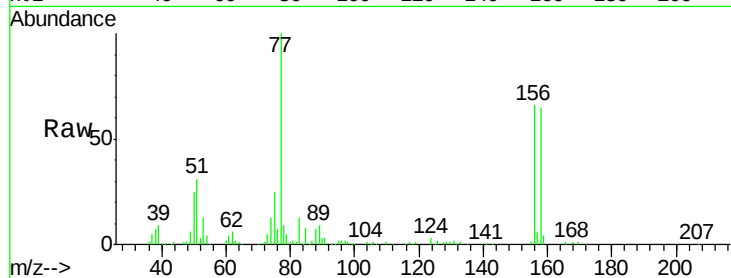
#77
Bromobenzene
Concen: 19.886 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	181.9	90.9	272.7
158	100.7	48.4	145.3

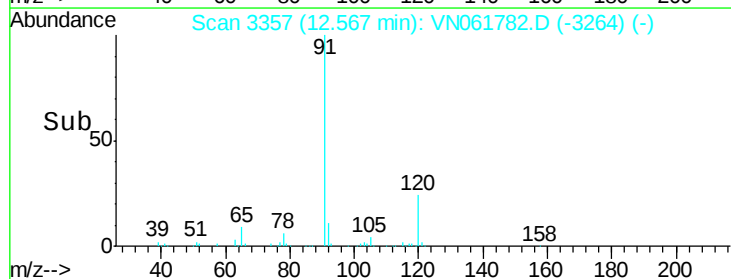
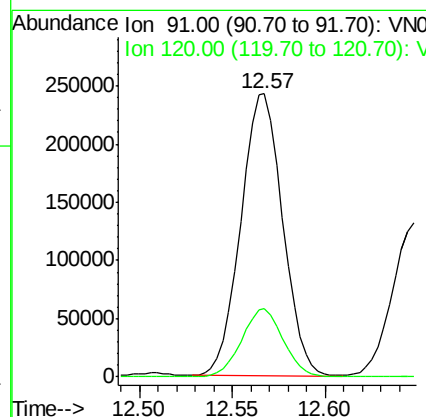
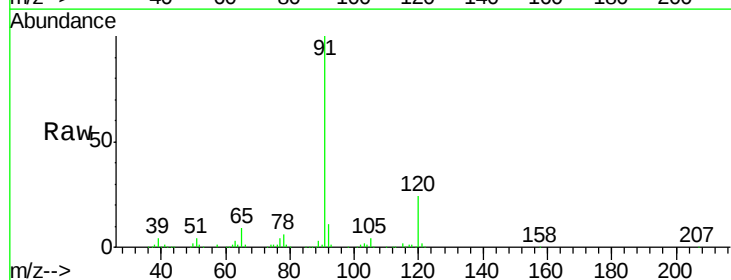
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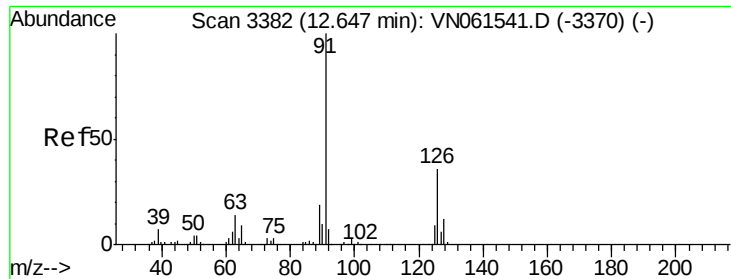
MMDadoda
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#78
n-propylbenzene
Concen: 19.263 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.3	36.9





#79

2-Chlorotoluene

Concen: 19.090 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion: 91 Resp: 224387

Ion Ratio Lower Upper

91 100

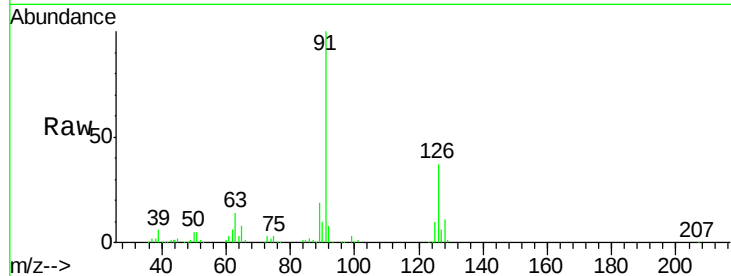
126 36.4 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

250000

200000

150000

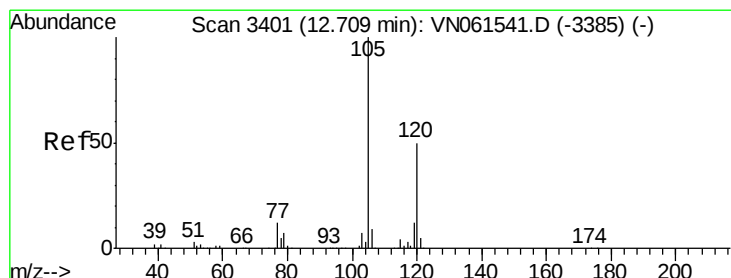
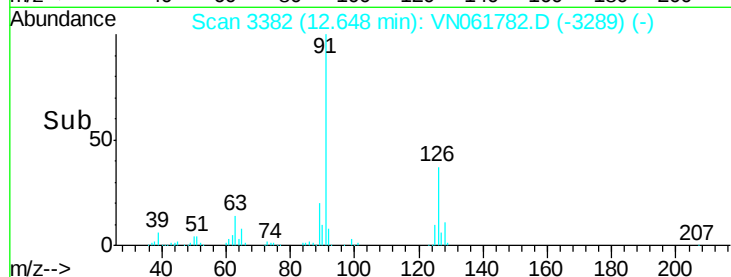
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.156 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061782.D

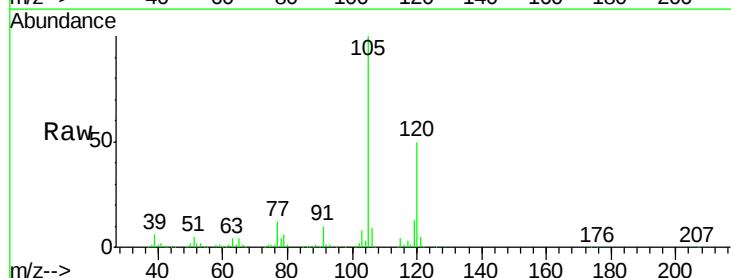
Acq: 12 Jun 2020 11:43

Tgt Ion:105 Resp: 282711

Ion Ratio Lower Upper

105 100

120 51.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

200000

150000

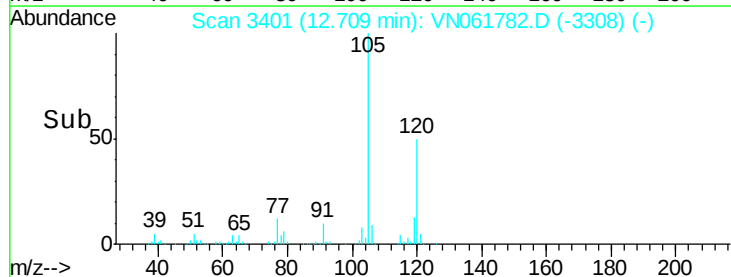
100000

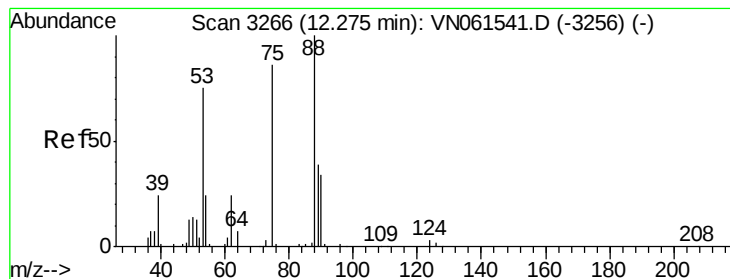
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.959 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

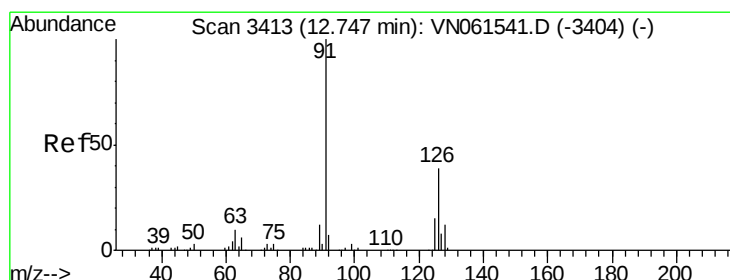
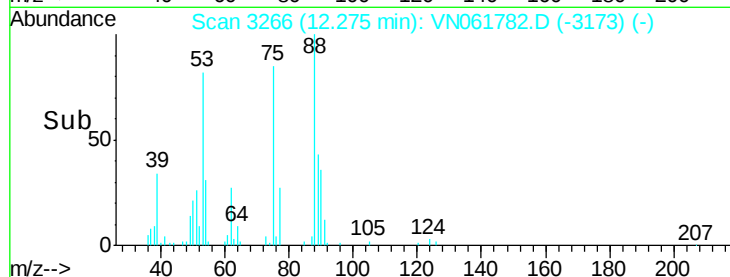
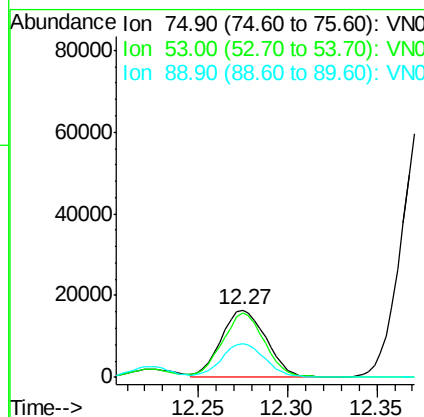
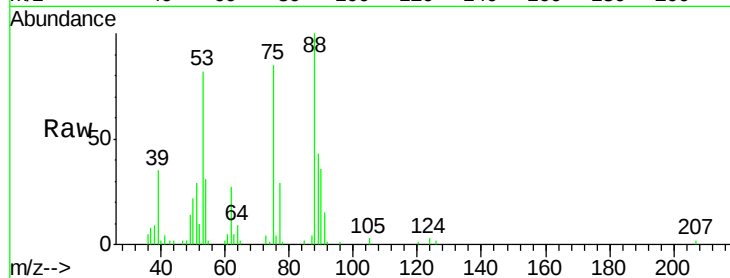
ClientSampleId :

VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.3	67.8	101.8
89	47.8	37.1	55.7

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#82

4-Chlorotoluene

Concen: 18.917 ug/l

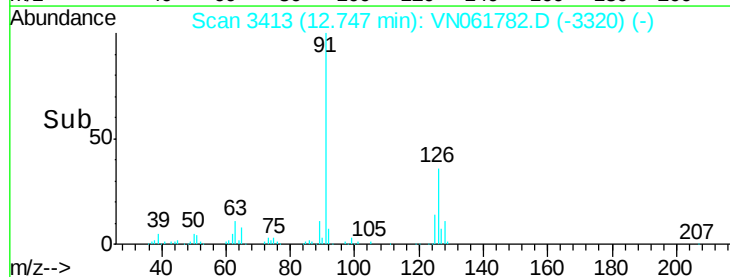
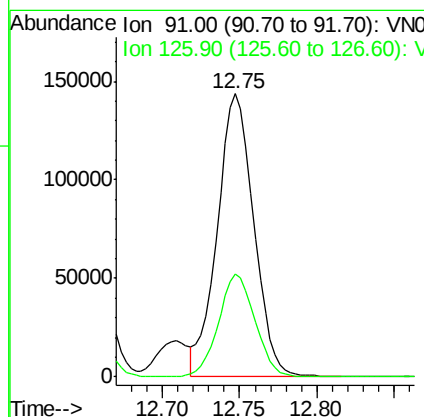
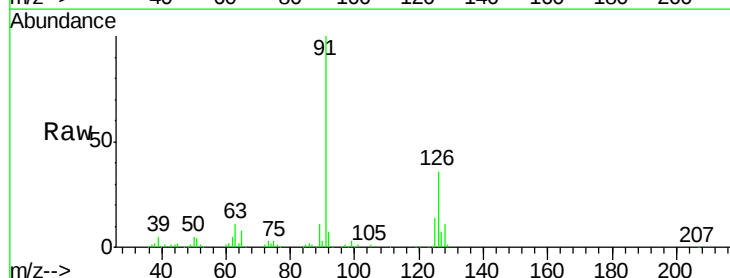
RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	17.5	52.6





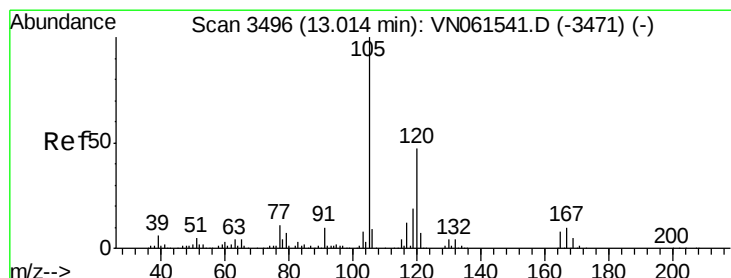
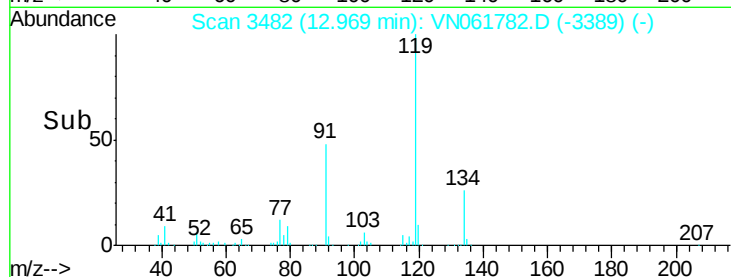
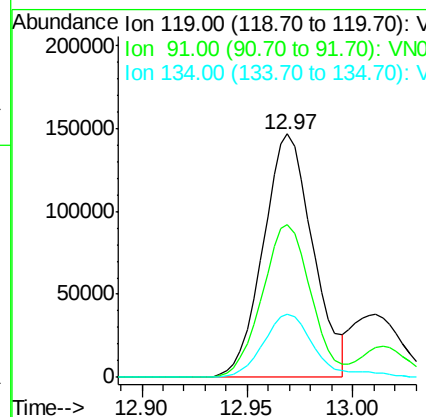
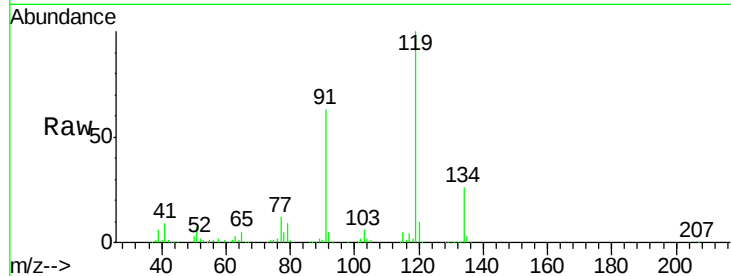
#83
tert-Butylbenzene
Concen: 18.447 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	31.3	93.8
134	27.1	13.5	40.4

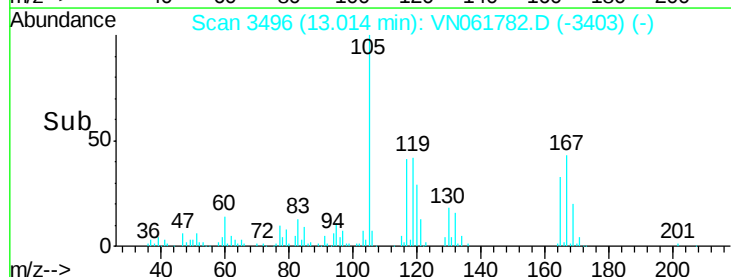
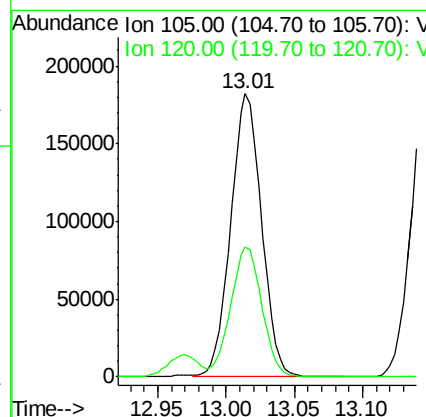
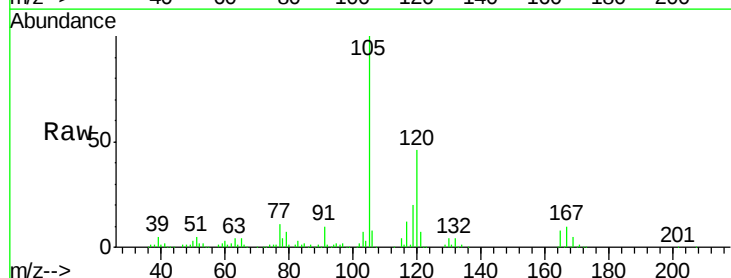
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#84
1,2,4-Trimethylbenzene
Concen: 19.417 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.2	69.5





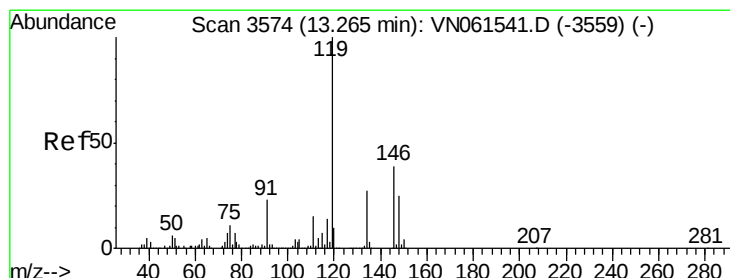
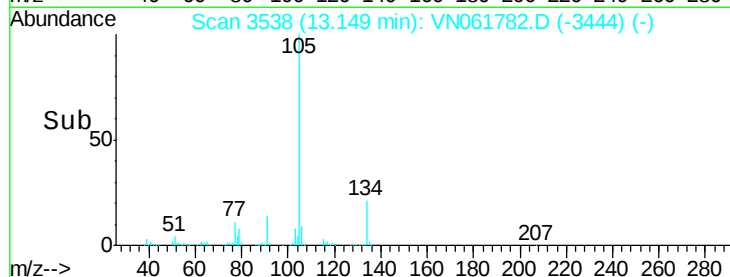
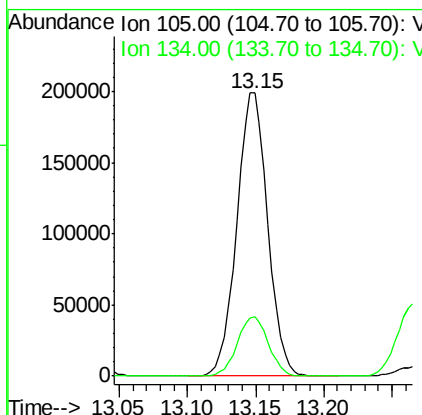
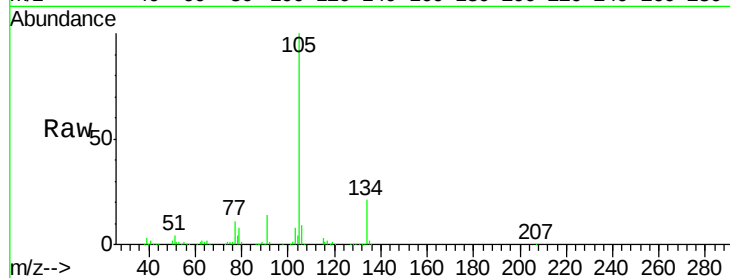
#85
 sec-Butylbenzene
 Concen: 18.506 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.7	31.9

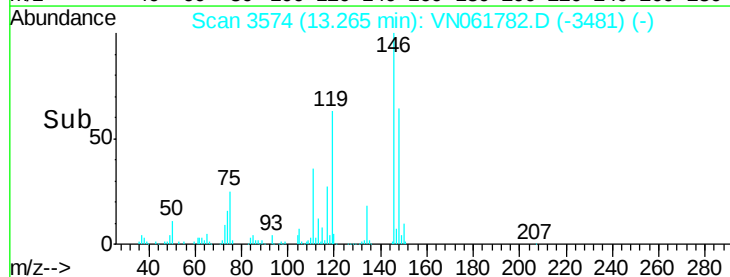
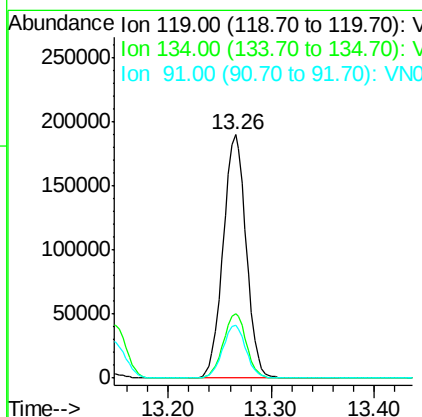
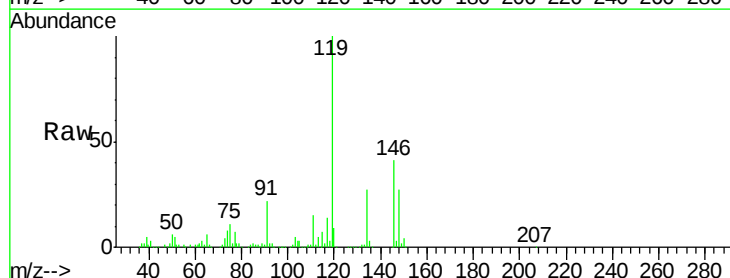
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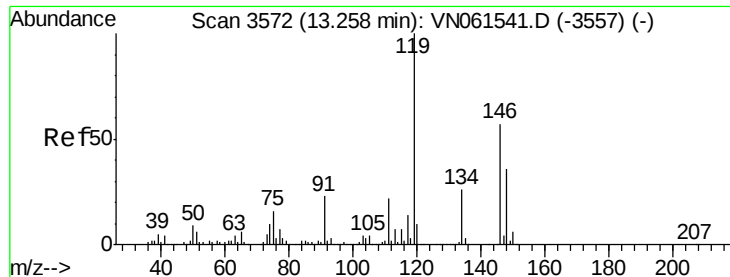
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#86
 p-Isopropyltoluene
 Concen: 19.107 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.5
91	21.5	11.4	34.1





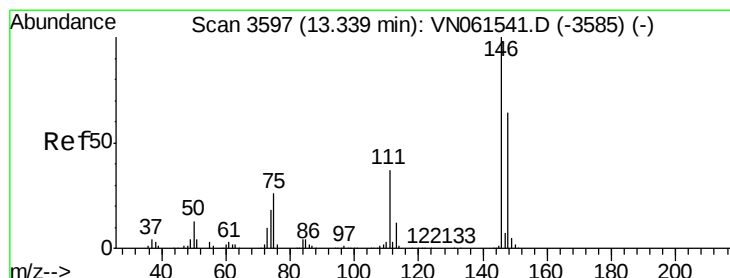
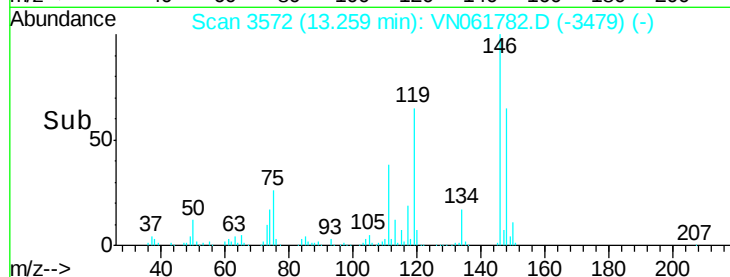
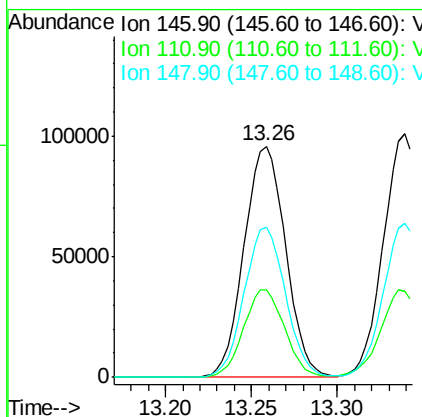
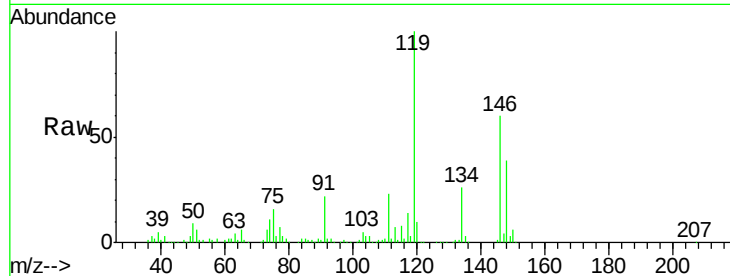
#87
 1,3-Dichlorobenzene
 Concen: 20.231 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.2	57.6
148	64.5	31.7	95.1

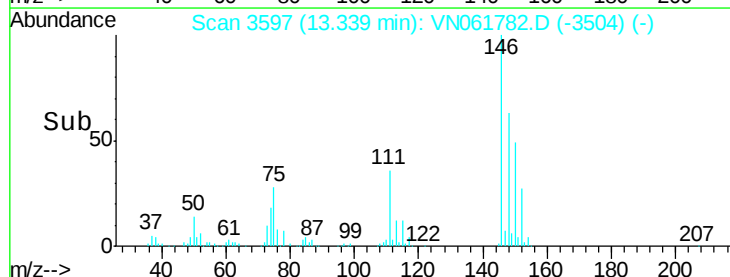
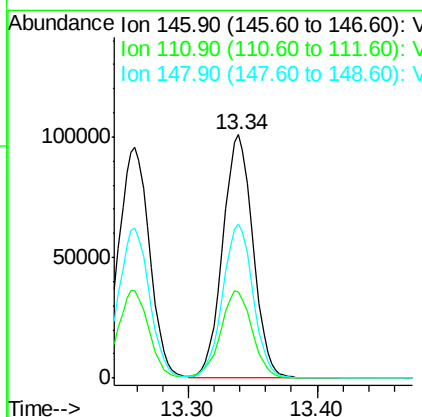
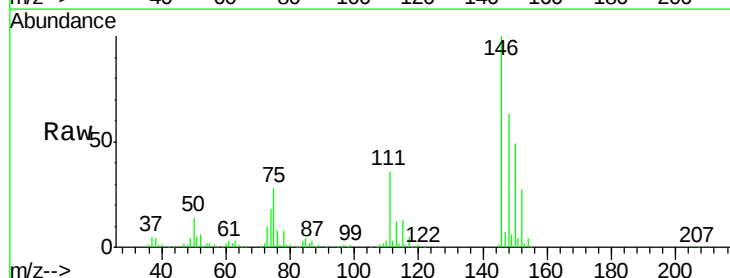
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#88
 1,4-Dichlorobenzene
 Concen: 20.200 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	63.2	31.8	95.3





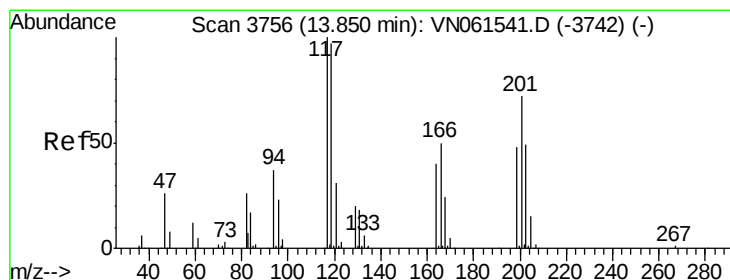
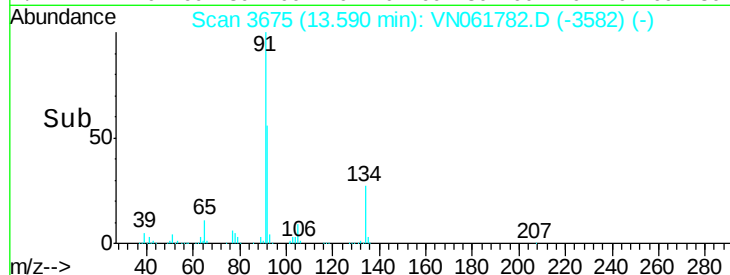
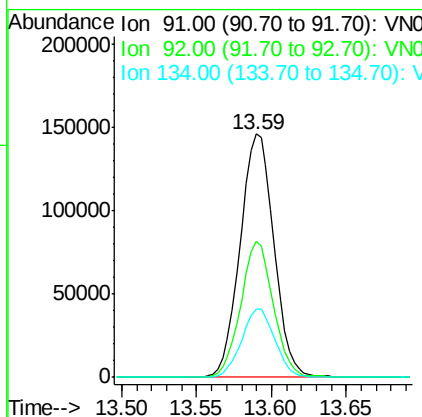
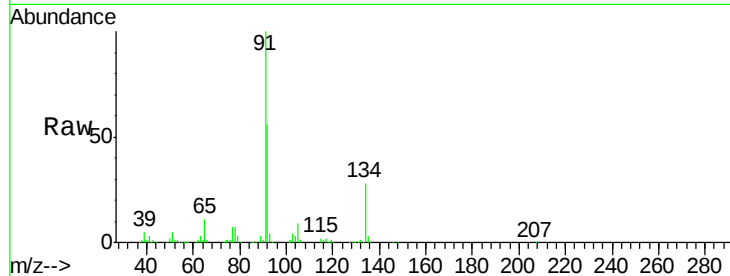
#89
n-Butylbenzene
Concen: 17.766 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	27.7	14.0	42.0

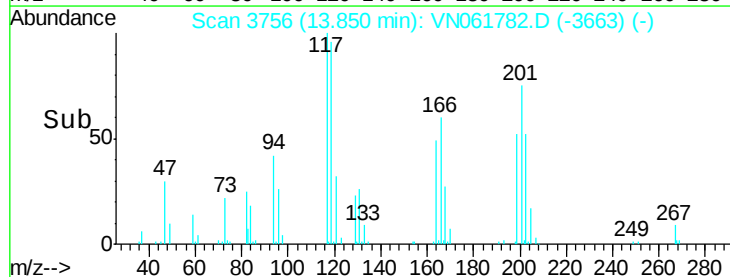
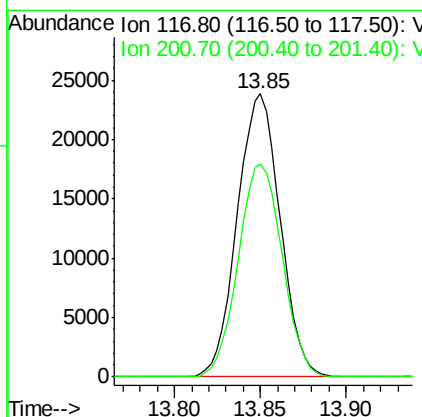
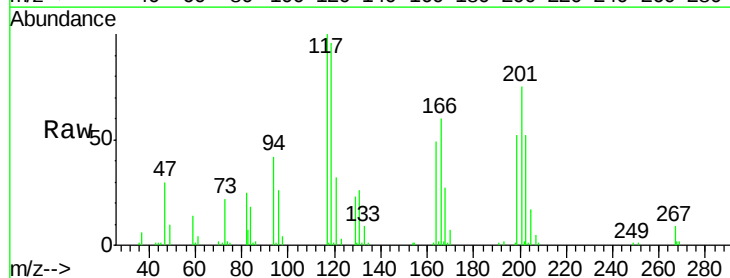
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#90
Hexachloroethane
Concen: 24.167 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.0	36.7	110.1





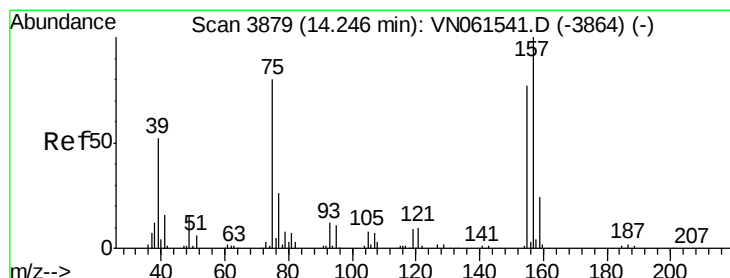
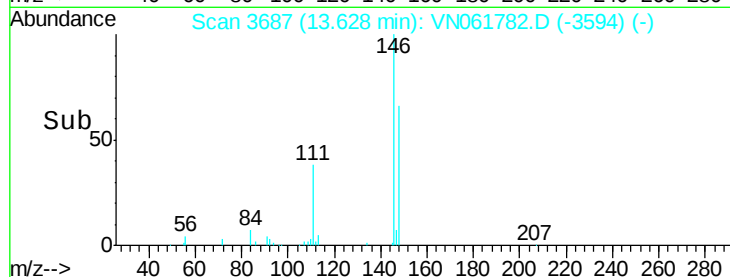
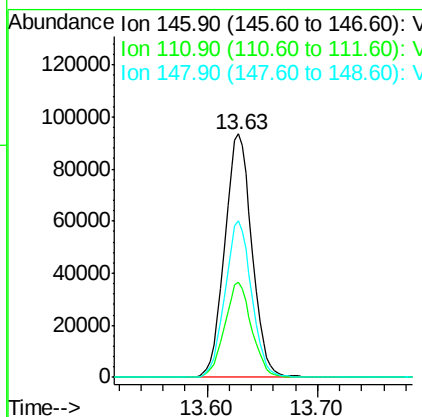
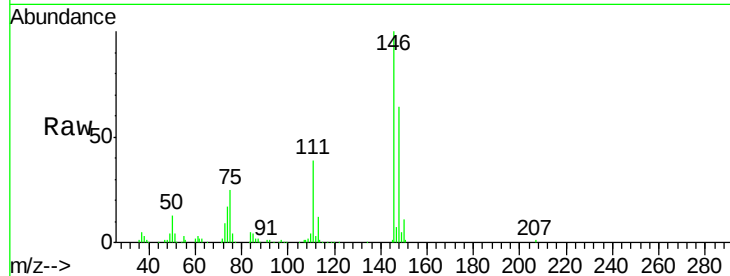
#91
 1,2-Dichlorobenzene
 Concen: 20.953 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.1	60.2
148	63.1	31.9	95.5

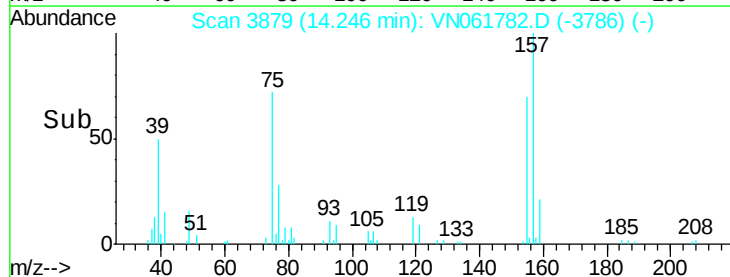
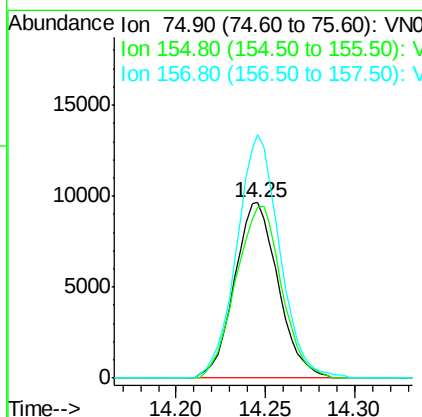
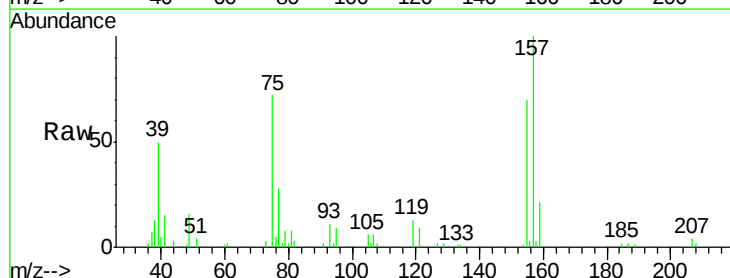
Manual Integrations
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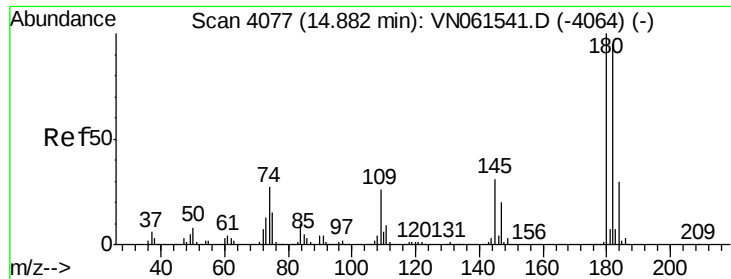
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.258 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.8	47.1	141.4
157	136.4	60.3	180.8





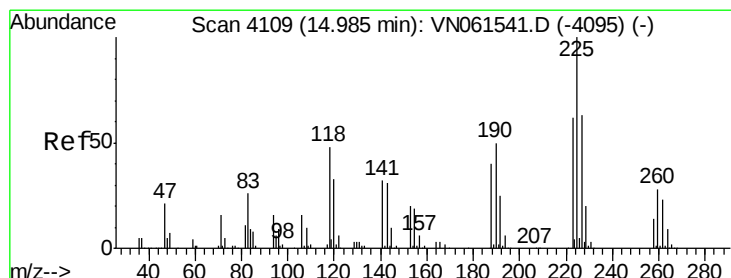
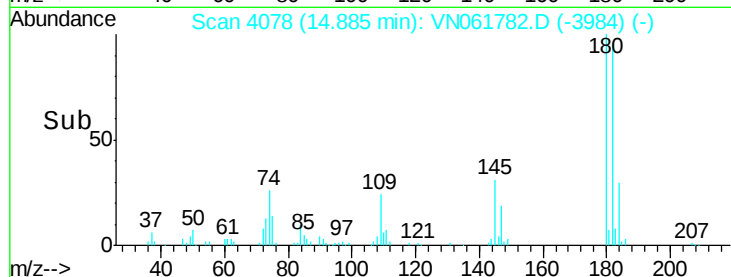
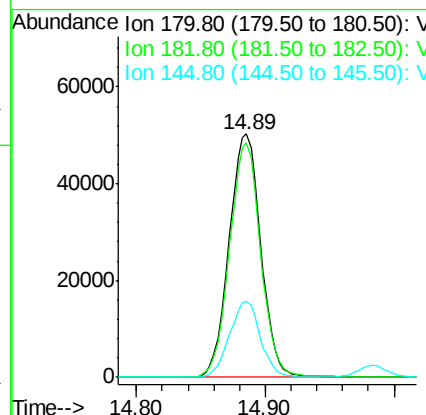
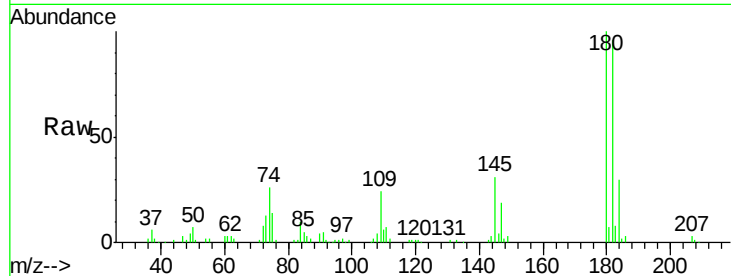
#93
 1,2,4-Trichlorobenzene
 Concen: 19.149 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	30.4	15.5	46.5

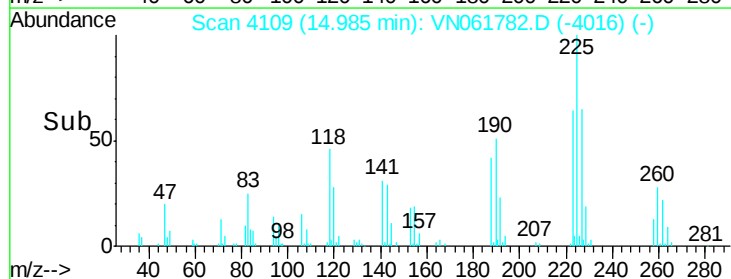
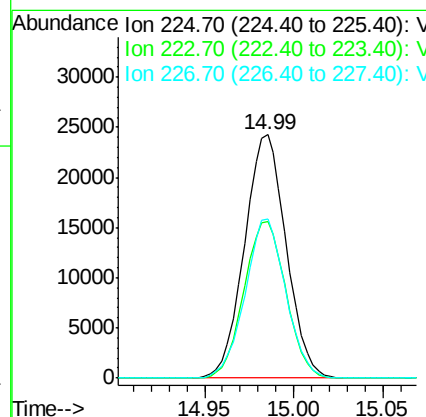
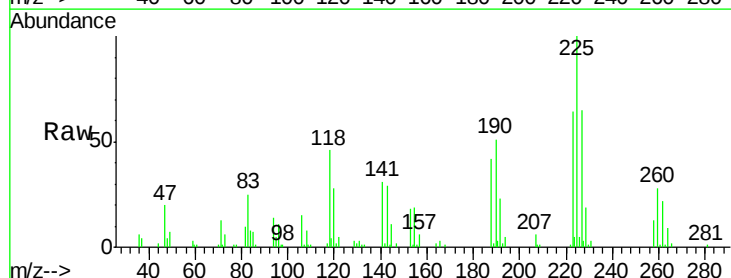
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#94
 Hexachlorobutadiene
 Concen: 20.833 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.9	95.5
227	63.9	31.9	95.9





#95

Naphthalene

Concen: 17.287 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

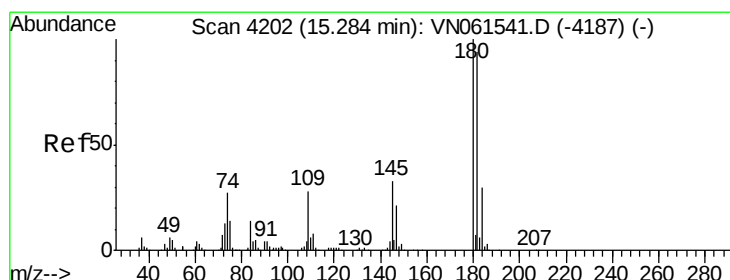
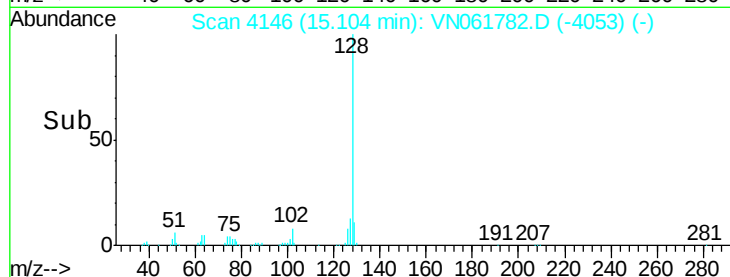
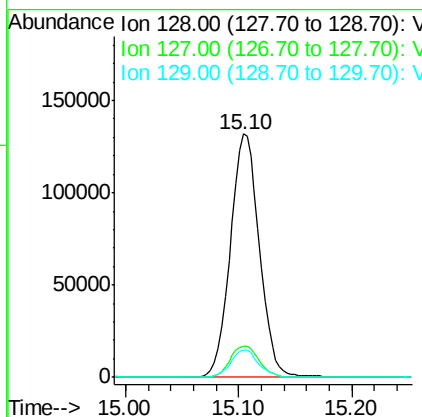
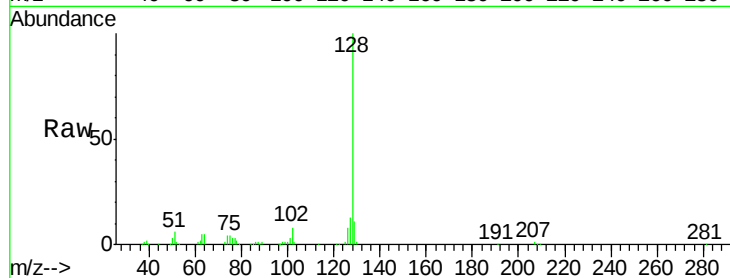
ClientSampled :

VN0612WBSD01

Tot Ion:	128	Resp:	234720
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.0	15.0
129	10.9	8.5	12.7

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.536 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion:	180	Resp:	85684
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.1	141.3
145	32.1	16.3	48.9

